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BKPK



SURVEI KESEHATAN INDONESIA 2023

INDONESIAN HEALTH SURVEY 2023



IN NUMBERS

Accurate Data, Precise Policy

**MINISTRY OF HEALTH OF THE REPUBLIC OF INDONESIA
HEALTH DEVELOPMENT POLICY AGENCY**

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GLOSSARY

| | | |
|--------------|---|--|
| ACT | : | Artemisinin Combination Treatment |
| ADD/ADH/GPPH | : | Attention-Deficit/Hyperactivity Disorder |
| ADL | : | Activities of daily living |
| AIPTKMI | | Association of Indonesian Public Health Higher Education Institutions |
| ANC | : | Antenatal care |
| Anti HBc | : | Hepatitis B core antibody |
| Anti HBs | : | Hepatitis B surface antibody |
| APN | : | Normal Delivery Care |
| ART | : | Household members |
| ASI | : | Breast milk |
| BW | : | Body Weight |
| BW/BH | : | Body Weight According to Height |
| BB/Age | : | Body Weight According to Age |
| BBLR | : | Low Birth Weight |
| BCG | : | Bacillus Calmette-Guerin |
| BGSi | : | Biomedical and Genome Science Initiative |
| BPJS | : | Social Security Implementing Agency |
| BPS | : | Statistics Indonesia |
| BRIN | : | National Research and Innovation Agency |
| BTA | : | Acid-Fast Bacilli |
| CI | : | Confidence Interval |
| CLIA | : | Chemi Luminescent Immuno Assay |
| CLSI | : | Clinical & Laboratory Standards Institute |
| COVID-19 | : | Coronavirus Disease-2019 |
| CP | : | cebral palsy |
| D | : | Diagnosis |
| DAS | : | Disability Assesment Schedule |
| DHF | : | Dengue Hemorrhagic Fever |
| Dentulous | : | Condition of having less than 28 natural teeth in an individual (M-T<28) |
| DM | : | Diabetes melitus |
| DMF-T | : | Decay, missing, filling teeth (permanent teeth) |
| dmf-t | : | Decay, missing, filling teeth (primary teeth) |
| DPRT | | Household Update List |
| DPT-HB | : | Diphtheria, Pertussis, Tetanus, Hepatitis B |
| dt | : | Decayed teeth/primary teeth that have cavities and have not been treated or filled (either with temporary or permanent fillings) |
| DT | : | Decayed teeth/Permanent teeth that have cavities and have not been treated or filled (either with temporary or permanent fillings) |

| | | |
|------------|---|--|
| Edentulous | : | Condition of having more than 28 missing natural teeth in an individual ($M-T > 28$) |
| EFF | : | Egg and/or Flesh Food |
| EIA | : | Enzym Immunoassay |
| ELISA | : | The enzyme-linked immunosorbent assay |
| FDC | : | Fixed Dose Combination |
| FDI | : | Fédération Dentaire Internationale |
| FT | : | Filling of permanent teeth that has been filled due to cavities |
| ft | : | Filling of primary teeth that has been filled due to cavities |
| G | : | Symptoms |
| GBD | : | The Global Burden of Disease |
| Germas | : | Healthy Community Movement |
| GPAQ | : | Global Physical Activity Questionnaire |
| GRC Board | : | GlassFiber Reinforced Concrete Board |
| Hb | : | Hemoglobin |
| HbA1c | : | Hemoglobin A1c |
| HBsAg | : | Hepatitis B surface antigen |
| HDL | : | high-density lipoprotein |
| Hib | : | Hemophilus Influenza type b |
| HIV | : | Human Immunodeficiency Virus |
| HPK | : | First day of life |
| HPLC | : | High-performance liquid chromatography |
| IBI | : | Indonesian Midwives Association |
| IFA | : | Iron Folic Acid |
| IFCC | : | International Federation of Clinical Chemistry |
| IMD | : | Early Initiation of Breastfeeding |
| IMT | : | Body Mass Index |
| IMT/U | : | Body Mass Index for Age |
| IPAL/SPAL | : | Wastewater Treatment Installation/System |
| IPKM | : | Community Health Development Index |
| IPV | : | Inactivated Polio Vaccine |
| ISPA | : | Acute Respiratory Infection |
| ISTC | : | International Standard for TB Care |
| IUD | : | Intra Uterin Device |
| IVA | : | Visual Inspection with Acetic Acid |
| JKN | : | National Health Insurance |
| Jamkesda | : | Regional Health Insurance |
| Jamperda | : | Regional Delivery Insurance |
| Jampsal | : | Delivery Insurance |
| KB | : | Family Planning |
| KEK | : | Chronic Energy Deficiency |
| KF | : | Postpartum visit |

| | |
|--------------|---|
| KIE | : Communication, Information, and Education |
| KIS | : Indonesia Health Card |
| KIPI | : Post-Immunization Adverse Effects |
| KN | : Neonatal Visit |
| LDL | : low-density lipoprotein |
| LiLA | : Upper Arm Circumstance |
| LPG | : Long Lasting Insecticide Nets |
| LLINs | : Minimum Acceptable Diet |
| LSM | : Bathing, Washing, and Toilet Facilities |
| MAD | : Medical Check Up |
| MCK | : Minimum Dietary Diversity |
| MCU | : Metabolic Equivalent Task |
| MDD | : Minimum Meal Frequency |
| MET | : Minimum Milk Feeding Frequency for non-breastfed children |
| MMF | : Multiple Indicator Cluster Survey |
| MMFF | : Mini International Neuropsychiatric Interview |
| MICS | : Complementary Food for Breastfed Children |
| MINI | : Measles, Mumps, Rubella Vaccine |
| MOP | : Long Lasting Insecticide Nets |
| MOW | : Minimum Acceptable Diet |
| MP ASI | : Bathing, Washing, and Toilet Facilities |
| MM/MMR | : Medical Check Up |
| mt | : Missing teeth/primary teeth extracted due to caries or retained roots |
| MT | : Missing teeth/permanent teeth extracted due to caries or retained roots |
| MTB | : Mycobacterium tuberculosis |
| MTBM | : Integrated Management of Young Infants |
| N/A | : Not Available |
| NCEP-ATP III | : National Cholesterol Education Program—Adult Treatment Panel III |
| ODGJ | : People with Mental Disorders |
| OPV | : Oral Polio Vaccine |
| PBI | : Contribution Assistance Recipients |
| PCA | : Principal Component Analysis |
| PCV | : Pneumococcal Conjugate Vaccine |
| PD3I | : Vaccine-Preventable Diseases |
| PGK | : Chronic Kidney Disease |
| PIS PK | : Healthy Indonesia Program – Family Approach |
| PJO | : Operational Responsible Person |
| PJT | : Technical Responsible Person |
| PMO | : Medication Supervisor |
| PMT | : Provision of Additional Food |
| ODGJ | : People with Mental Disorders |
| OPV | : Oral Polio Vaccine |
| PBI | : Contribution Assistance Recipients |
| PCA | : Principal Component Analysis |

| | | |
|-----------|---|---|
| POCT | : | Point of Care Test |
| Polindes | : | Village Maternity Post |
| Poskesdes | : | Village Health Post |
| Posyandu | : | Integrated Health Service Post |
| PP | : | Government Regulation |
| PPS | : | Proportional to Size |
| PSC 119 | : | Public Safety Center |
| PSN | : | Mosquito Nest Eradication |
| PTGMI | : | Indonesian Association of Dental and Oral Therapists |
| Puskesmas | : | Community Health Center |
| Pusling | : | Mobile Community Health Center |
| Pustu | : | Auxiliary Community Health Center |
| PVC | : | Polyvinyl Chloride |
| RAN | : | National Action Plan |
| RDT | : | Rapid Diagnostic Test |
| Renstra | : | Strategic Plan |
| Riskesdas | : | Basic Health Research |
| RPJMN | : | National Medium-Term Development Plan |
| RS | : | Hospital |
| RSV | : | Respiratory Syncytial Virus |
| SAR | : | Stomatitis Aphousa Recurrent |
| SD | : | Standard Deviation |
| SDGs | : | Sustainable Development Goals |
| SHK | : | Congenital Hypothyroid Screening |
| SDIDTK | : | Growth and Development Early Stimulation, Detection, and Intervention |
| UV | : | Ultraviolet |
| SKI | : | Indonesian Health Survey |
| SPA | : | Sanitas Per Aquam/Healthy with Water |
| SPM | : | Minimum Service Standard |
| SRQ-20 | : | Self Reporting Questionnaire with 20 questions |
| SSGI | : | Indonesian Nutrition Status Survey |
| TB | : | Tuberculosis |
| TCM | : | Molecular Rapid Test |
| TPT | : | TB Prevention Therapy |
| TOGA | : | Family Medicinal Garden |
| TT | : | Tetanus Toxoid |
| TTD | : | Iron Tablets |
| UKBM | : | Community-Based Health Efforts |
| UKS | : | School Health Efforts |
| UKK | : | Occupational Health Efforts |

| | |
|---------------|---|
| UNICEF | : United Nations Children's Fund |
| UPLC | : Ultra High Performance Liquid Chromatography |
| USG | : Ultrasonography |
| WHO | : World Health Organization |
| WRA | : Woman of Reproductive Age |
| Xpert MTB/RIF | : Detection of Mycobacterium tuberculosis complex and Rifampin resistance |
| Yankestrand | : Traditional Health Services |

FOREWORD

We offer our highest praise and gratitude to Allah SWT, for it is by His grace and blessings that the 2023 Indonesian Health Survey (Survei Kesehatan Indonesia or SKI), which has produced baseline data and community-based health information, can be successfully conducted. This data and information provide an overview of public health at the national, provincial, and district/city levels, and can serve as a foundation for more targeted, effective, and efficient planning, policy formulation, and evidence-based interventions.

The implementation of the 2023 SKI was a collaboration of various parties at both the central and regional levels. Therefore, we extend our highest appreciation and thanks to the BKPK Team, BPS, PTGMI, AIPTKMI, university lecturers, development partners, collaborators from provincial and district/city health offices, all enumerators, and the community members who participated as respondents.

We acknowledge that there were shortcomings in the implementation of the 2023 SKI. Thus, we also invite experts from universities, cross-sectoral stakeholders, health observers, and all parties to provide input and review the data and information from the 2023 SKI to be analyzed and utilized better for health development in Indonesia.

Accurate Data, Precise Policies

Health Development Policy Agency

Chairperson,

Syarifah Liza Munira, SE., MPP., Ph.D

CHAPTER 1

INTRODUCTION

1.1 BACKGROUND

The Health Development Policy Agency (BKKBN), a transformation of the Health Research and Development Agency (Badan Litbangkes), is one of the main units within the Ministry of Health which, according to the Minister of Health Regulation No. 5 of 2022, has the task of formulating and providing recommendations for health development¹. Additionally, BKKBN has an added role and function assigned by the Minister of Health to provide data and information on the achievements of health development carried out by the Ministry of Health. This enables the formulation of more targeted and precise policies, programs, and activities². Therefore, BKKBN continues the evaluation of health development through health surveys/research by collecting community-based health data with the aim of assessing the achievements of health development every five years. This has been done three times: in 2007, 2013, and 2018. A five-year interval is considered appropriate to assess the development of public health status, risk factors, and health development efforts. The data produced can represent health status from the national level down to the district/city level.

In 2023, BKKBN was tasked with continuing the Basic Health Research (Riskesdas) in the form of the Indonesian Health Survey (SKI). The 2023 SKI was conducted in collaboration with Statistics Indonesia (BPS), in terms of its methodology and sampling framework. All health-specific data collection processes were carried out by data collectors with a minimum educational background of a diploma (D3) in health. Data collection methods included interviews, measurements, and examinations. Most (around 75%) of the main health indicators previously collected in 2007, 2013, and 2018 were measured again in 2023, with the addition of indicators related to access to health services concerning COVID-19, Health Transformation, Sustainable Development Goals (SDGs), the National Medium-Term Development Plan (RPJMN), Strategic Plan (Renstra), Minimum Service Standards (SPM), Public Health Development Index (IPKM), Healthy Indonesia Program – Family Approach (PIS-PK), and the Healthy Community Movement (Germas).

The indicators measured in the 2023 SKI include health status (morbidity, disability, nutritional status), environmental health (hygiene, sanitation, toilets, water, and housing conditions), health knowledge and behaviors (knowledge of stunting, mosquito bite prevention behaviors, health-seeking behaviors, clean and healthy living behaviors, behaviors related to Germas, tobacco consumption/smoking behavior, alcohol consumption, physical activity, consumption of high-risk foods), various aspects of health services (ease of access, coverage, quality of services, access to COVID-19 services, seeking treatment abroad, service satisfaction), and measurements and examinations, such as weight, height/length, waist circumference, mid-upper arm circumference (MUAC), blood pressure, dental and oral health, hemoglobin levels, fasting blood glucose and 2-hour post-load glucose, rapid diagnostic tests (RDT) for malaria, and blood specimen collection for clinical chemistry and genomic parameters related to risk factors for communicable and non-communicable diseases, with national representative levels. The results of the 2007, 2013, and 2018 Riskesdas have been utilized by program implementers at the Ministry of Health, including the development of the medium-term health development policy plans (RPJMN 2010–2014, RPJMN 2015–2019, and RPJMN 2020–2024) by the Ministry of National Development Planning/Bappenas. Several districts/cities have also used

Riskesdas data for evidence-based planning, monitoring, and evaluating health programs.

In support of a single survey system within the Ministry of Health, the technical implementation of the 2023 SKI integrates the Riskesdas with the Indonesian Nutritional Status Study (SSGI). This report generally provides an overview of health in Indonesia concerning indicators related to health status, health services, health behaviors, and biomedical results from blood and dental and oral examinations.

1.2 OBJECTIVES

General Objective:

To provide data and information on the health status achieved over the past five years, as well as information on the magnitude of risk factors affecting health status, to inform the formulation of health development policies in Indonesia.

Specific Objectives:

1. To provide information on the health status of the population, including nutritional status, achieved from program implementation over the past five years at the national, provincial, and district/city levels.
2. To provide information on the magnitude of problems based on risk factors from morbidity, disability, and nutritional status indicators at the national, provincial, and district/city levels.
3. To provide an overview of morbidity issues and risk factors at the national level based on measurements, blood tests, and dental and oral examinations.

1.3 BENEFITS AND OUTPUTS

A. Benefits

1. Program Implementers
 - a. Central Level
 - 1) Evaluation of the achievements of implemented programs.
 - 2) Basic information for policy formulation.
 - 3) Data-based planning and target setting.
 - 4) Development of national-scale promotion, prevention, and public health intervention programs.
 - 5) Basis for problem identification to formulate policy recommendations.
 - 6) Basis for evaluating recommendations and policies that have been implemented in the community.

- a. Provincial Level
 - 1) Basic information for policy formulation at the provincial level.
 - 2) Basis for program evaluation and development at the provincial level.
 - 3) Data-based planning and target setting at the provincial level.
 - 4) Development of promotion, prevention, and public health intervention programs at the provincial level.
- b. District/City Level
 - 1) Basic information for policy formulation at the district/city level.
 - 2) Basis for program evaluation and development at the district/city level.
 - 3) Data-based planning and target setting at the district/city level.
 - 4) Development of promotion, prevention, and public health intervention programs at the district/city level.
- 2. Health Development Policy Agency
 - a. Basis for problem identification to formulate policy recommendations.
 - b. Basis for evaluating recommendations and policies that have been implemented in the community.
- 3. Academicians/Educational Institutions
 - a. Support educational institutions in producing human resources in the health sector through data utilization.
 - b. Provide high-quality data and information that can be processed to foster innovation, especially in health technology.
- 4. Ministries/Agencies
 - Provide high-quality data and information that can be processed and utilized according to the needs of each institution.

B. Outputs

The availability of health data based on the characteristics of the population as follows:

- 1. Health status: prevalence of communicable diseases, non-communicable diseases, mental disorders, disabilities, dental and oral health, maternal health, infant and children under five's health, nutritional status.
- 2. Health knowledge and behavior: knowledge of mosquito bite prevention, knowledge of stunting, hygienic behaviors, tobacco use, alcohol consumption, consumption of high-risk foods, physical activity, consumption of fruits and vegetables, tobacco and cigarette use, and alcohol consumption.
- 3. Health service efforts: access to and provision of health services, coverage of maternal and child health services, and health insurance ownership.
- 4. Household environmental health status.
- 5. Household socioeconomic status.
- 6. Biomedical and dental and oral health examination results.

CHAPTER 2

METHODS

2.1 DESIGN

The SKI is a national-scale evaluation activity with a cross-sectional, non-interventional, and observational design.

2.2 CONCEPTUAL FRAMEWORK

The conceptual framework used in the 2023 SKI refers to the health paradigm according to HL Blum. The conceptual framework illustrates the relationship between health status and its risk factors. The conceptual framework is shown in Figure 2.1.

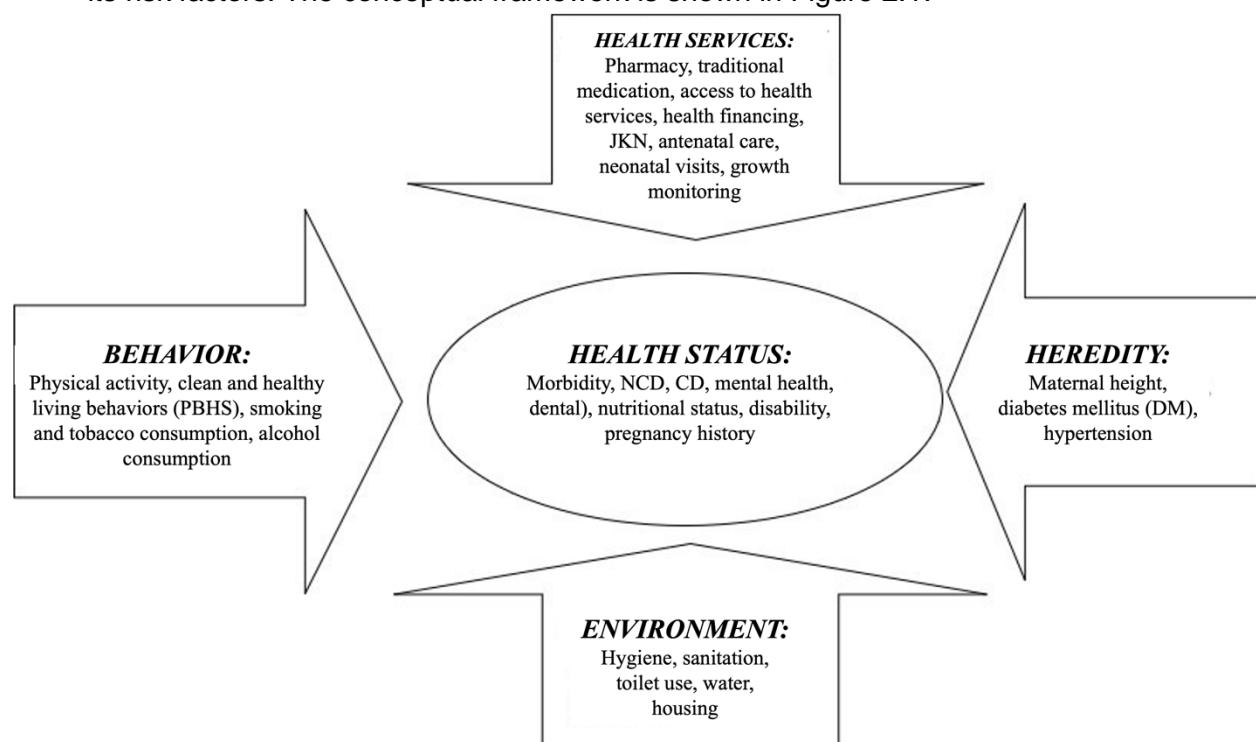


Figure 2.1. Conceptual Framework of the 2023 SKI, Modified from HL Blum's Theoretical Framework

2.3 POPULATION AND SAMPLE

The 2023 SKI is an integrated survey combining the Basic Health Research (Risikesdas), the Survey of Nutritional Status of Children Under Five (SSGI), and Biomedical and Dental and Oral Examinations. Risikesdas and SSGI are designed to produce estimates at the district/city level, while the Biomedical and Dental and Oral Examinations are designed to produce estimates at the national level. The survey covers the entire territory of Indonesia, with the sampling units for Risikesdas and Biomedical and Dental and Oral Examinations being all regular households, while the sampling unit for SSGI is households with children under five.

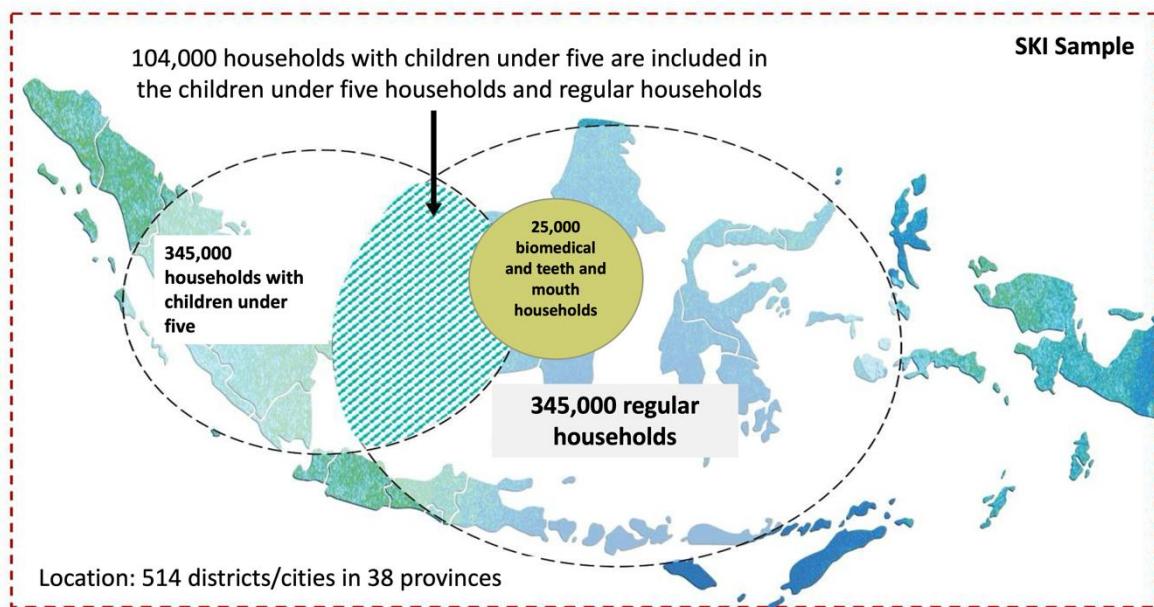


Figure 2.2. Coverage of the 2023 SKI

The sample size for the 2023 SKI consists of 34,500 census blocks, comprising 345,000 regular households for the implementation of Riskesdas and 345,000 households with children under five for the implementation of SSGI. Out of the 34,500 census blocks, 2,500 are allocated for the Biomedical and Dental Examinations sample. Stratification is conducted at both the census block level and the regular household level within the selected census blocks to produce a representative sample. Census block stratification is done explicitly (explicit stratification), while implicit stratification is applied at the household level.

1. The entire population of regular census blocks from 2020 is grouped according to urban/rural classification and implicit strata of accessibility to health facilities.
2. Households within the selected census blocks are stratified based on the presence of children under five and implicit strata of the household head's education level.

Sampling Procedure

- Stage 1: Selecting census blocks

A number of census blocks are selected according to the allocation table in each urban/rural stratum per district/city, using a proportional to size (PPS) method based on the number of families from the 2020 Population Census (SP2020). The sample of census blocks is selected using the regular census block sampling frame from SP2020.
- Stage 2: Selecting households
 - To obtain the sample of households with children under five

A number of n_2 households with children under five are selected from the updated list of households with children under five using systematic sampling with implicit stratification based on the household head's education level.
 - To obtain the sample of regular households

A number of n_1 households without children under five are selected from the updated list of households without children under five, and n' from the n_2 sample of households with children under five already selected for the implementation of SSGI, using systematic sampling with implicit stratification based on the household head's education level.

2.4 QUALITY ASSURANCE OF THE 2023 SKI

To maintain the quality and reliability of the survey results, the following activities were carried out:

1. Indicators were determined in collaboration with program holders from the Ministry of Health, Bappenas, and Statistics Indonesia. These indicators were then formulated into questions for the survey instrument, with input from health experts (professional organizations, universities, the National Research and Innovation Agency [BRIN]), and feedback from international development partners (WHO, UNICEF, The Global Fund, and The World Bank).
2. Conducted testing to ensure the accuracy of:
 - a. Question flow
 - b. Question content
 - c. Implementation mechanism in the community
3. Administering open selection for Provincial Technical Responsible Officers (PJT), District/City PJTs, and Enumerators through an online system and interviews. The selected participants met qualifications in education, knowledge, experience, and computer skills.
4. Data collection quality is influenced by the capability and integrity of the enumerators (data collectors), hence background requirements included:
 - a. Minimum a diploma (D3) in health for interviewers
 - b. Analysts/nurses for blood sample collection
 - c. Dental and oral health therapists for dental and oral examinations
5. Conducted tiered training. The Technical Team, as the developers of the questionnaire and SKI guidelines, directly trained the provincial PJT. Provincial PJTs then trained District/City PJTs, who in turn trained enumerators with support from the central technical team.
6. Conducting technical and management supervision. Technical and management supervision was conducted by leaders, provincial PJTs, Operational Managers (PJO), Administrative and Logistics Managers (PJAL), as well as the technical team, management team, and data management team to address issues encountered during data collection.
7. The independent external validation is conducted by the Indonesian Association of Public Health Higher Education Institutions (AIPTKMI).
8. Calibrating the tools used for measurements and examinations.
9. Data management process, from submission to analysis, including:
 - a. Data entry by enumerators at the research site, corrected by District/City PJTs
 - b. Data submission by District/City PJTs to provincial data management managers
 - c. Feedback on data completeness and duplication given directly by provincial data management managers to enumerators on-site
 - d. Data inconsistency control (data cleaning) by the data control team
 - e. Data robustness control for disaggregation and inconsistency analysis using various analytical methods.
10. The analysis output of the report is discussed collaboratively between the Technical Team, Expert Team, BPS, and involving program implementers from the Ministry of Health and development partners.

2.5 INDICATORS

The selection of indicators is based on: (1) SDGs; (2) RPJMN; (3) Strategic Plan (Renstra); (4) Minimum Service Standards (SPM); (5) IPKM; (6) PIS-PK; (7) Germas; (8) The Global Burden of Disease (GBD). The main indicators that are measured relate to:

1. Communicable diseases
2. Non-communicable diseases
3. Mental disorders and mental health
4. Disability/incapacity
5. Pharmacy and traditional health services
6. Dental and oral health
7. Knowledge and behavior
8. Maternal health
9. Infant and children under five health
10. Nutritional status
11. Environmental health
12. Access to health service facilities
13. Socioeconomic conditions

2.6 DATA COLLECTION

The data was collected by local enumerators under the technical supervision of District/City PJTs and administrative supervision by District/City PJOs. Each team was responsible for 10 to 12 census blocks (CB). Each CB consisted of 10 regular households, with an additional ± 7 households with children under five to obtain data on the nutritional status of children under five.

Data collection began with coordination between the district PJT and the district PJO to identify sample locations. Based on this identification, enumerators were expected to get an overview of the sample locations so that they could plan an efficient and effective data collection schedule and strategy.

Before data collection, the process of updating the SKI Households was carried out, where enumerators visited households listed in the Updated Household List (DPRT) obtained from BPS to update the existence of these households and add new households that were not yet registered. From the results of this updating, samples of regular households, households with children under five, and overlapping households were selected for further data collection.

The data collection for the 2023 SKI was conducted through interviews, measurements, and examinations. Interviews for regular households used two instruments: the Household Instrument and the Individual Instrument, while households with children under five used the Children Under Five Household Instrument.

The Household Instrument consists of 8 blocks with the following details:

1. Block I: Location Identification
2. Block II: Data Collector Information
3. Block III: Household Information

1. Block IV: Household Member Information
 - The highest educational level is asked only for household members aged >5 years.
 - Employment status is asked only for household members aged >10 years.
2. Block V: Access to Healthcare Facilities
3. Block VI: Environmental Health
4. Block VII: Socioeconomic Conditions
5. Block VIII: Mental Disorders

The Individual Instrument consists of 3 blocks with the following details:

1. Block IX: Location Identification
2. Block X: Individual Interview Information
3. Block XI: Individual Information, Respondent Identification
 - Block A. Communicable Diseases
 - Block B. Non-Communicable Diseases
 - Block C. Mental Health
 - Block D. Disabilities/Incapacity
 - Block E. Dental and Oral Health
 - Block F. Pharmacy and Traditional Health Services
 - Block G. Knowledge and Behavior
 - Block H. Maternal Health
 - Block I. Infant and Children Under Five's Health
 - Block J. Measurements

The Children Under Five Household Instrument consists of 8 sections with the following details:

1. Block I: Location Identification
2. Block II: Data Collector Information
3. Block III: Household Information
4. Block IV: Household Member Information
 - The highest educational level is asked only for household members aged >5 years.
 - Employment status is asked only for household members aged >10 years.
5. Block V: Location Identification
6. Block VI: Data Collector Information for Children Under Five Individual Measurements
7. Block VII: Children Under Five Individual Information
8. Block VIII: Children Under Five Measurements

Anthropometric measurements were conducted using digital scales (with an accuracy of 0.1 kg), height/length measurement tools (with an accuracy of 1 mm), and mid-upper arm circumference (MUAC) measurement tools (with an accuracy of 1 mm). Blood pressure was measured using a digital sphygmomanometer. Blood tests were conducted both at the research site and in a laboratory. The tests conducted at the research site included:

1. Hemoglobin (Hb) testing using a rapid detection tool known as the Point of Care Test (POCT), specifically the Hemocue Hb201+ Analyzer.
2. Malaria blood testing using Rapid Diagnostic Tests (RDT) for all household members, and the preparation of thick blood smears for malaria, stained according to standard procedures with 3% Giemsa solution, was performed only for those household members who had a fever or a history of fever in the past 2 days.
3. Fasting blood glucose and 2-hour post-load glucose testing using the Accu-Chek rapid detection tool.
4. Serum separation using a centrifuge at a speed of 3000 rpm for 10 minutes.

The tests conducted at the National Health Laboratory Prof. Dr. Sri Oemijati, BKPK, include:

1. Clinical chemistry tests, which cover HbA1c, total cholesterol, HDL, LDL, triglycerides, and creatinine levels using an autoanalyzer machine. The cutoff points for abnormal cholesterol, abnormal or below-normal HDL, direct LDL above the optimal value, and abnormal triglycerides refer to the National Cholesterol Education Program-Adult Treatment Panel III (NCEP-ATP III). The cutoff point for HbA1c refers to the Clinical & Laboratory Standards Institute (CLSI), while abnormal serum creatinine levels refer to the International Federation of Clinical Chemistry (IFCC). Clinical chemistry tests are conducted automatically using enzymatic principles that are different from the Jaffe-Picrate method. Serum creatinine levels are measured considering the estimated glomerular filtration rate calculation method, providing a general overview of kidney function. The A1C levels in hemoglobin are measured using the immunoturbidimetry method.
2. Serology tests are performed using CLIA (Chemi Luminescent Immuno Assay) and EIA (Enzyme Immunoassay) methods. The CLIA method is used for HBsAg, anti-HBs, and anti-HBc parameters, based on the principle of light emission from a molecule or atom produced by a chemical reaction. The EIA method is used for diphtheria, pertussis, tetanus, rubella, and measles tests, which measure antibodies in samples based on enzymatic principles. The CLIA method is fully automatic, while the ELISA method is semi-automatic with robotic assistance.
3. Retinol testing is conducted using HPLC or UPLC. Retinol in the serum is added with an internal standard and separated from interfering substances with ethanol, then extracted using n-Hexane. The extraction is dried with nitrogen gas and dissolved with methanol. The dissolved sample is injected into the HPLC or UPLC with a wavelength of 325 nm, using a methanol mobile phase: water. The resulting peak is quantified using a retinol standard curve.
4. Malaria testing with thick blood smears is performed under a microscope with 10x100 magnification using immersion oil. The reading is done across the entire field of view, and species determination and parasite density are calculated within a minimum of 200 leukocytes.

Dental and oral examinations are conducted at the research location. These examinations are carried out by oral and dental therapists, also known as dental nurses, who have been trained and calibrated (examiner calibration) and have passed selection according to WHO standards (Oral Health Survey Basic Method, 5th edition, 2013). The examinations include abnormalities of the tooth crown, tooth roots, gums, and other soft tissues in the mouth.

2.7 DATA MANAGEMENT AND ANALYSIS

The management of data for the 2023 SKI with a large sample size requires a systematic data management process. Data processing begins with questionnaire editing and coding at the research location conducted by enumerators. Once the questionnaires have been properly edited and coded, the data is submitted into a predetermined application. After data entry, the data is synchronized with the data management web server for data merging and cleaning. Data cleaning involves identifying inconsistent data and outliers. Inconsistent data and outliers are traced back to the questionnaires to verify the accuracy of the generated data. From the "clean" data (consistent and free from outliers), weighting values are assigned by BPS.

The clean raw data with weighting values are the final data used for analysis. Analysis can involve data modification, such as data truncation or imputation and by combining several variables (grouping responses to those questions). The presentation of results in the SKI report uses two terms:

1. Prevalence is used for indicators where the data are obtained through physical/laboratory examinations or measurements or interview results, but the information obtained must be based on a doctor's diagnosis or other healthcare professional.
2. Proportion is used for indicators where the data are obtained through interviews and the information matches the respondent's knowledge, such as symptoms perceived by the respondent.

2.8 COLLECTED SAMPLE SIZE (RESPONSE RATE)

Out of the 34,500 selected census blocks (CB) for the 2023 SKI sample, 34,065 CB (98.74%) were successfully identified and visited through the data updating process, distributed across 38 provinces and 514 districts/cities. However, data could not be collected in 435 CBs (1.26%) in 7 provinces, namely North Sumatra, West Sumatra, North Kalimantan, West Papua, Papua, Central Papua, and Highland Papua, due to security stability conditions and adverse weather. The number of surveyed households is 315,646 (91.49%) out of the target of 345,000 regular households and 284,178 (82.37%) out of the target of 345,000 households with children under five. At the individual level, the 2023 SKI has interviewed 1,191,692 people, including children under five, with 37,443 individuals undergoing blood sampling and dental examinations.

Table 2.1. Community Health Data Response Rate (Interview & Measurement) by Province, 2023 SKI

| Province | Census Block | | | Household | | | Household Member (Individual) | |
|-------------------------|---------------|---------------|--------------------------------|----------------|----------------|--------------------------------|-------------------------------|-----------------------------|
| | Target | Visited | Response Rate (4) = (3)/(4) | Target | Visited | Response Rate (7) = (6)/(5) | Visited | Interview & Measuremen t |
| | | | | | | | | n |
| (1) | (2) | (3) | (4) = (3)/(4) | (5) | (6) | (7) = (6)/(5) | (8) | (8) |
| | n | n | % | n | n | % | n | n |
| Aceh | 1,460 | 1,460 | 100.00 | 14,600 | 13,616 | 93.26 | 50,273 | 38,126 |
| North Sumatra | 2,185 | 2,184 | 99.95 | 21,840 | 20,384 | 93.29 | 69,841 | 57,317 |
| West Sumatra | 1,223 | 1,222 | 99.92 | 12,220 | 11,448 | 93.61 | 41,564 | 35,497 |
| Riau | 836 | 836 | 100.00 | 8,360 | 7,840 | 93.78 | 28,056 | 22,820 |
| Jambi | 735 | 735 | 100.00 | 7,350 | 6,981 | 94.98 | 22,472 | 18,712 |
| South Sumatra | 1,168 | 1,168 | 100.00 | 11,674 | 11,444 | 97.98 | 38,921 | 34,131 |
| Bengkulu | 636 | 636 | 100.00 | 6,358 | 6,010 | 94.50 | 19,661 | 16,734 |
| Lampung | 1,047 | 1,047 | 100.00 | 10,470 | 10,060 | 96.08 | 33,225 | 28,115 |
| Bangka Belitung Islands | 449 | 449 | 100.00 | 4,490 | 4,329 | 96.41 | 14,409 | 13,179 |
| Riau Islands | 443 | 443 | 100.00 | 4,427 | 4,106 | 92.69 | 13,647 | 11,795 |
| DKI Jakarta | 451 | 450 | 99.78 | 4,495 | 4,181 | 92.71 | 14,128 | 12,580 |
| West Java | 2,117 | 2,117 | 100.00 | 21,170 | 19,584 | 92.51 | 63,878 | 52,305 |
| Central Java | 2,638 | 2,638 | 100.00 | 26,380 | 25,399 | 96.28 | 84,398 | 73,358 |
| DI Yogyakarta | 369 | 369 | 100.00 | 3,690 | 3,561 | 96.50 | 11,885 | 10,843 |
| East Java | 2,845 | 2,845 | 100.00 | 28,450 | 27,393 | 96.28 | 85,142 | 75,947 |
| Banten | 618 | 617 | 99.84 | 6,180 | 5,669 | 91.73 | 20,097 | 15,889 |
| Bali | 620 | 620 | 100.00 | 6,197 | 6,018 | 97.06 | 21,167 | 19,567 |
| West Nusa Tenggara | 695 | 695 | 100.00 | 6,950 | 6,516 | 93.76 | 21,514 | 19,417 |
| East Nusa Tenggara | 1,397 | 1,397 | 100.00 | 13,970 | 13,069 | 93.55 | 50,151 | 36,283 |
| West Kalimantan | 945 | 945 | 100.00 | 9,444 | 8,269 | 87.50 | 29,232 | 20,121 |
| Central Kalimantan | 891 | 891 | 100.00 | 8,907 | 7,399 | 83.04 | 24,765 | 17,134 |
| South Kalimantan | 875 | 875 | 100.00 | 8,745 | 8,125 | 92.86 | 26,090 | 22,049 |
| East Kalimantan | 665 | 665 | 100.00 | 6,650 | 5,565 | 83.68 | 20,162 | 15,854 |
| North Kalimantan | 298 | 294 | 98.66 | 2,940 | 2,690 | 90.27 | 9,702 | 6,464 |
| North Sulawesi | 931 | 931 | 100.00 | 9,308 | 8,413 | 90.37 | 27,353 | 20,714 |
| Central Sulawesi | 832 | 832 | 100.00 | 8,320 | 7,606 | 91.42 | 26,750 | 20,012 |
| South Sulawesi | 1,601 | 1,601 | 100.00 | 16,005 | 15,081 | 94.20 | 53,806 | 46,514 |
| Southeast Sulawesi | 1,037 | 1,037 | 100.00 | 10,370 | 9,363 | 90.29 | 34,110 | 27,477 |
| Gorontalo | 381 | 381 | 100.00 | 3,810 | 3,362 | 88.24 | 11,766 | 9,676 |
| West Sulawesi | 381 | 381 | 100.00 | 3,810 | 3,563 | 93.52 | 13,267 | 9,964 |
| Maluku | 670 | 670 | 100.00 | 6,700 | 6,112 | 91.22 | 21,626 | 16,751 |
| North Maluku | 596 | 596 | 100.00 | 5,960 | 5,360 | 89.93 | 18,916 | 14,199 |
| West Papua | 399 | 387 | 96.99 | 3,811 | 3,219 | 80.68 | 11,879 | 7,935 |
| Southwest Papua | 343 | 343 | 100.00 | 3,422 | 2,779 | 81.02 | 10,260 | 6,524 |
| Papua | 519 | 505 | 97.30 | 5,068 | 4,437 | 85.49 | 16,482 | 9,626 |
| South Papua | 241 | 241 | 100.00 | 2,410 | 1,835 | 76.14 | 6,755 | 4,298 |
| Central Papua | 488 | 295 | 60.45 | 3,036 | 2,588 | 53.03 | 8,536 | 5,408 |
| Highland Papua | 475 | 267 | 56.21 | 2,568 | 2,272 | 47.83 | 7,072 | 4,196 |
| INDONESIA | 34,500 | 34,065 | 98.74 | 340,555 | 315,646 | 91.49 | 1,082,958 | 877,531 |

Table 2.2. Biomedical Data Response Rate by Province, 2023 SKI

| Province | Census Block | | | Household | | | Household Member_(Individual) | |
|-------------------------|--------------|--------------|---------------|---------------|---------------|---------------|-------------------------------|---------------|
| | Target | Visited | Response Rate | Target | Visited | Response Rate | Target | Examined |
| | (1) | (2) | (4) = (3)/(4) | (5) | (6) | (7) = (6)/(5) | (8) | (8) |
| | n | n | % | n | n | % | n | n |
| Aceh | 90 | 90 | 100.00 | 900 | 638 | 70.89 | 2,700 | 1,133 |
| North Sumatra | 120 | 118 | 98.33 | 1,200 | 772 | 64.33 | 3,600 | 1,364 |
| West Sumatra | 80 | 80 | 100.00 | 800 | 560 | 70.00 | 2,400 | 988 |
| Riau | 70 | 70 | 100.00 | 700 | 478 | 68.29 | 2,100 | 937 |
| Jambi | 50 | 50 | 100.00 | 500 | 378 | 75.60 | 1,500 | 726 |
| South Sumatra | 80 | 80 | 100.00 | 800 | 646 | 80.75 | 2,400 | 1,468 |
| Bengkulu | 40 | 38 | 95.00 | 400 | 303 | 75.75 | 1,200 | 683 |
| Lampung | 80 | 80 | 100.00 | 800 | 617 | 77.13 | 2,400 | 1,337 |
| Bangka Belitung Islands | 30 | 30 | 100.00 | 300 | 225 | 75.00 | 900 | 518 |
| Riau Islands | 20 | 20 | 100.00 | 200 | 116 | 58.00 | 600 | 202 |
| DKI Jakarta | 50 | 50 | 100.00 | 500 | 383 | 76.60 | 1,500 | 902 |
| West Java | 210 | 210 | 100.00 | 2,100 | 1,641 | 78.14 | 6,300 | 3,551 |
| Central Java | 260 | 260 | 100.00 | 2,600 | 2,112 | 81.23 | 7,800 | 4,344 |
| DI Yogyakarta | 40 | 40 | 100.00 | 400 | 327 | 81.75 | 1,200 | 810 |
| East Java | 280 | 280 | 100.00 | 2,800 | 2,198 | 78.50 | 8,400 | 4,113 |
| Banten | 60 | 60 | 100.00 | 600 | 428 | 71.33 | 1,800 | 876 |
| Bali | 50 | 50 | 100.00 | 500 | 315 | 63.00 | 1,500 | 688 |
| West Nusa Tenggara | 60 | 60 | 100.00 | 600 | 479 | 79.83 | 1,800 | 1,080 |
| East Nusa Tenggara | 80 | 80 | 100.00 | 800 | 688 | 86.00 | 2,400 | 1,658 |
| West Kalimantan | 70 | 70 | 100.00 | 700 | 499 | 71.29 | 2,100 | 967 |
| Central Kalimantan | 50 | 50 | 100.00 | 500 | 342 | 68.40 | 1,500 | 665 |
| South Kalimantan | 70 | 70 | 100.00 | 700 | 432 | 61.71 | 2,100 | 817 |
| East Kalimantan | 50 | 49 | 98.00 | 500 | 269 | 53.80 | 1,500 | 546 |
| North Kalimantan | 20 | 20 | 100.00 | 200 | 155 | 77.50 | 600 | 368 |
| North Sulawesi | 50 | 50 | 100.00 | 500 | 366 | 73.20 | 1,500 | 716 |
| Central Sulawesi | 50 | 47 | 94.00 | 500 | 362 | 72.40 | 1,500 | 789 |
| South Sulawesi | 100 | 100 | 100.00 | 1,000 | 760 | 76.00 | 3,000 | 1,558 |
| Southeast Sulawesi | 50 | 50 | 100.00 | 500 | 326 | 65.20 | 1,500 | 570 |
| Gorontalo | 30 | 30 | 100.00 | 300 | 236 | 78.67 | 900 | 639 |
| West Sulawesi | 30 | 30 | 100.00 | 300 | 206 | 68.67 | 900 | 426 |
| Maluku | 40 | 34 | 85.00 | 400 | 252 | 63.00 | 1,200 | 539 |
| North Maluku | 30 | 30 | 100.00 | 300 | 240 | 80.00 | 900 | 508 |
| West Papua | 10 | 10 | 100.00 | 100 | 58 | 58.00 | 300 | 125 |
| Southwest Papua | 20 | 16 | 80.00 | 200 | 100 | 50.00 | 600 | 210 |
| Papua | 20 | 9 | 45.00 | 200 | 57 | 28.50 | 600 | 135 |
| South Papua | 20 | 17 | 85.00 | 200 | 107 | 53.50 | 600 | 294 |
| Central Papua | 30 | 14 | 46.67 | 300 | 90 | 30.00 | 900 | 188 |
| Highland Papua | 10 | 1 | 10.00 | 100 | 3 | 3.00 | 300 | 5 |
| INDONESIA | 2,500 | 2,443 | 97.72 | 25,000 | 18,164 | 72.66 | 75,000 | 37,443 |

Table 2.3 Children Under Five Data Response Rate by Province, 2023 SKI

| Province | Census Block | | | Children Under Five Household | | | Children under Five Household Member (Individual) | |
|-------------------------|---------------|---------------|--------------------------------|-------------------------------|----------------|--------------------------------|---|----------------|
| | Target | Visited | Response Rate (4) = (3)/(4) | Target | Interview | Response Rate (7) = (6)/(5) | Visited | Measured |
| | | | | | | | (2) | (3) |
| | (1) | n | % | n | n | % | n | n |
| Aceh | 1,460 | 1,460 | 100.00 | 13,941 | 12,982 | 93.12 | 15,152 | 14,331 |
| North Sumatra | 2,184 | 2,180 | 99.82 | 20,146 | 19,037 | 94.50 | 23,203 | 22,145 |
| West Sumatra | 1,222 | 1,221 | 99.92 | 11,452 | 10,744 | 93.82 | 13,139 | 12,595 |
| Riau | 836 | 836 | 100.00 | 7,816 | 7,353 | 94.08 | 8,549 | 8,212 |
| Jambi | 735 | 733 | 99.73 | 6,057 | 5,782 | 95.46 | 6,171 | 6,042 |
| South Sumatra | 1,168 | 1,166 | 99.83 | 10,732 | 10,552 | 98.32 | 11,773 | 11,568 |
| Bengkulu | 636 | 635 | 99.84 | 5,430 | 5,159 | 95.01 | 5,837 | 5,499 |
| Lampung | 1,047 | 1,045 | 99.81 | 9,545 | 9,160 | 95.97 | 10,055 | 9,729 |
| Bangka Belitung Islands | 449 | 449 | 100.00 | 4,027 | 3,872 | 96.15 | 4,348 | 4,192 |
| Riau Islands | 443 | 442 | 99.77 | 3,806 | 3,569 | 93.77 | 4,158 | 3,957 |
| DKI Jakarta | 451 | 444 | 98.45 | 3,580 | 3,420 | 95.53 | 4,057 | 3,894 |
| West Java | 2,117 | 2,114 | 99.86 | 20,385 | 19,098 | 93.69 | 21,958 | 20,902 |
| Central Java | 2,638 | 2,636 | 99.92 | 25,133 | 24,237 | 96.43 | 27,335 | 26,591 |
| DI Yogyakarta | 369 | 367 | 99.46 | 3,185 | 3,101 | 97.36 | 3,505 | 3,423 |
| East Java | 2,845 | 2,840 | 99.82 | 25,894 | 24,637 | 95.15 | 27,324 | 26,427 |
| Banten | 618 | 614 | 99.35 | 5,819 | 5,442 | 93.52 | 6,224 | 5,856 |
| Bali | 620 | 617 | 99.52 | 5,249 | 5,102 | 97.20 | 6,011 | 5,887 |
| West Nusa Tenggara | 695 | 695 | 100.00 | 6,693 | 6,288 | 93.95 | 7,184 | 6,867 |
| East Nusa Tenggara | 1,397 | 1,396 | 99.93 | 13,690 | 12,611 | 92.12 | 15,399 | 14,088 |
| West Kalimantan | 945 | 937 | 99.15 | 8,194 | 7,100 | 86.65 | 8,328 | 7,621 |
| Central Kalimantan | 891 | 872 | 97.87 | 6,662 | 5,388 | 80.88 | 6,371 | 5,703 |
| South Kalimantan | 875 | 869 | 99.31 | 7,513 | 6,956 | 92.59 | 7,799 | 7,408 |
| East Kalimantan | 665 | 656 | 98.65 | 5,705 | 4,968 | 87.08 | 6,023 | 5,621 |
| North Kalimantan | 294 | 293 | 99.66 | 2,454 | 2,309 | 94.09 | 2,685 | 2,570 |
| North Sulawesi | 931 | 920 | 98.82 | 7,072 | 6,228 | 88.07 | 7,261 | 6,695 |
| Central Sulawesi | 832 | 829 | 99.64 | 7,518 | 6,929 | 92.17 | 8,124 | 7,728 |
| South Sulawesi | 1,601 | 1,600 | 99.94 | 14,974 | 14,031 | 93.70 | 16,906 | 16,030 |
| Southeast Sulawesi | 1,037 | 1,036 | 99.90 | 9,789 | 8,806 | 89.96 | 10,986 | 10,217 |
| Gorontalo | 381 | 381 | 100.00 | 3,583 | 3,107 | 86.72 | 3,943 | 3,562 |
| West Sulawesi | 381 | 381 | 100.00 | 3,589 | 3,197 | 89.08 | 3,930 | 3,581 |
| Maluku | 670 | 668 | 99.70 | 6,149 | 5,513 | 89.66 | 6,346 | 5,913 |
| North Maluku | 596 | 596 | 100.00 | 5,276 | 4,742 | 89.88 | 5,459 | 5,113 |
| West Papua | 387 | 378 | 97.67 | 3,002 | 2,466 | 82.15 | 3,101 | 2,801 |
| Southwest Papua | 343 | 327 | 95.34 | 2,885 | 2,214 | 76.74 | 4,408 | 2,584 |
| Papua | 505 | 503 | 99.60 | 3,901 | 3,293 | 84.41 | 4,012 | 3,649 |
| South Papua | 241 | 238 | 98.76 | 2,126 | 1,619 | 76.15 | 2,265 | 1,817 |
| Central Papua | 303 | 285 | 94.06 | 2,374 | 1,924 | 81.04 | 2,182 | 2,023 |
| Highland Papua | 268 | 247 | 92.16 | 1,552 | 1,241 | 79.96 | 1,459 | 1,320 |
| INDONESIA | 34,076 | 33,906 | 99.50 | 306,898 | 284,177 | 92.60 | 332,970 | 314,161 |

2.9 ECONOMIC STATUS

Socioeconomic status refers to the position occupied by an individual or family in relation to the average standards that generally apply concerning cultural ownership, effective income, ownership of goods, and participation in group activities within their community. In other words, socioeconomic status is the level of prestige someone holds based on their position in society, determined by their occupation to meet their needs or a state that depicts the position or status of a family in society based on material ownership (FS. Chapin in Kaare, 1989). Furthermore, Soekanto (2007) states that in determining the measures or criteria for classifying members of society into a social stratum, one of the measures used is wealth.

Development of the ownership index quintile (economic status)

Similar to the 2013 Riskesdas, the 2023 SKI did not collect household expenditure data to predict economic status, which is used as one of the characteristics for analysis purposes. Instead, an ownership index calculation approach was used.

Determination of the ownership index quintile (economic status)

Socioeconomic status is a proxy variable often used to measure the welfare level of a household. There are three ways to measure socioeconomic status: through monthly income data, monthly expenditure data, or based on the ownership of durable goods. Each of these three proxies for measuring economic status has its own strengths and weaknesses.

Measuring economic status based on monthly income data is easy to inquire about but has questionable accuracy, as not all respondents are willing to honestly disclose their monthly income. In many developing countries, a significant portion of the population works in the informal sector, making it difficult to obtain accurate monthly income information. Measuring economic status based on monthly expenditure data has fairly good accuracy among the three methods, but obtaining this expenditure information requires detailed data on various types of household expenses, which often confuses respondents and is time-consuming.

In recent years, the measurement of economic status has increasingly used data on the ownership of durable goods, such as houses, cars, motorcycles, bicycles, refrigerators, and so on. The advantage of measuring based on the ownership of durable goods is that it is easier to inquire about and observe, but it requires more complex calculations to develop a single ownership index, which is a composite of several variables related to household ownership. Principal Component Analysis (PCA) is one statistical technique that combines several variables into a single indicator, as reported by Ariawan (2006). This indicator contains scores, weights, or an index to measure the economic status of households, which is subsequently referred to as the ownership index. A model simulation for the development of the index is carried out by identifying variables that indicate ownership. The results of the identification of ownership variables from the 2023 SKI data can be seen in Table 2.4. The model simulation for developing the ownership index for the 2023 SKI uses ownership variables from Susenas.

In Table 2.4, there are 19 variables shared by both the 2023 SKI and the 2022 Susenas that are processed using factor analysis to produce a correlation matrix. The correlation matrix allows for the identification of the relationships between the variables studied. To test the suitability of the factor analysis model, Bartlett's test of sphericity can be used to determine if the variables in the sample are correlated. From the matrix formed, only

variables with a correlation value above 0.3 are used as predictors of economic status. Variable screening is performed by gradually eliminating variables with a correlation value below 0.3 with other variables until all remaining variables have a correlation value above 0.3 and a Kaiser-Meyer-Olkin (KMO) value above 0.5 with a significance level of 0.000 (less than 0.05). These variables can then be further analyzed.

Table 2.4 Ownership Variables from the 2023 SKI

| | Ownership Variable | Variable Code |
|----|---|-------------------------------|
| 1 | Home ownership status | B7R1 |
| 2 | Types and power of lighting inside the house | B7R3a; B7R3b1 |
| 3 | Ownership of cooking gas \geq 5.5 kg | B7R4a |
| 4 | Ownership of washing machines | B7R4b |
| 5 | Ownership of refrigerators | B7R4c |
| 6 | Ownership of mobile phones | B7R4e |
| 7 | Ownership of air conditioners (AC) | B7R4f |
| 8 | Ownership of water heaters | B7R4g |
| 9 | Ownership of computers/laptops | B7R4h |
| 10 | Ownership of flat screen TVs (minimum 30 inches) | B7R4i |
| 11 | Ownership of private vehicles | B7R4j; B7R4k; B7R4l; B7R4m |
| 12 | Ownership of gold/jewellery (minimum 10 grams) | B7R4n |
| 13 | Ownership of livestock | B7R4p |
| 14 | Primary cooking fuel/energy used | B7R5 |
| 15 | Availability of toilet facilities | B6R11 |
| 16 | Main building material: widest roof in the house | B6R25 |
| 17 | Main building material: widest ceiling in the house | B6R26 |
| 18 | Main building material: widest floor in the house | B6R27 |
| 19 | Main building material: widest wall in the house | B6R28 |

Next, the number of factors is determined from the eigenvalue using the Principal Component Analysis (PCA) method. The factors selected for further analysis are those with eigenvalues greater than or equal to one (>1). The larger the eigenvalue, the more representative the factor is as a proxy for the group of variables. All binary variables are coded as 0 = absent and 1 = present. Variables such as motorcycles, boats, motorized boats, and cars are transformed into ordinal composite variables according to the value of the items. The availability of toilet facilities variable is also transformed into an ordinal composite variable (0 = no access, 1 = available, in a public latrine/used by anyone & available, but not used by the household member, 2 = available, used collectively with specific household member, 3 = available, used only by the household member). The response options for the main cooking fuel/energy used are simplified into 0 = kerosene, charcoal/briquettes/coconut shells, firewood, 1 = no cooking, 2 = LPG, natural gas/biogas, 3 = electricity. Other ordinal variables included in the formation of the socioeconomic index are home ownership status, main building material for the widest roof, ceiling, floor, and wall in the widest house.

From these 19 variables, 12 variables were obtained with a correlation above 0.3, with a cumulative percentage of 51.3, indicating that this composite of 12 variables can explain 51.3 percent of household economic status. The index-forming variables are: 1) types and power of household lighting, 2) washing machine, 3) refrigerator, 4) air conditioner (AC), 5)

computer/laptop, 6) flat-screen TV (minimum 30 inches), 7) gold/jewellery (minimum 10 grams), 8) private vehicle, 9) cooking fuel, 10) ceiling type, 11) floor type, and 12) wall type. The next step is to divide all household samples into five economic status groups according to the ownership index:

| | |
|--------------|--|
| Lowest | : 20% poorest population (lowest) |
| Lower middle | : 20% poor and vulnerable population (lower middle) |
| Middle | : 20% population with moderate expenses (middle) |
| Upper middle | : 20% population with moderate to high expenses (upper middle) |
| Highest | : 20% richest population (highest) |

ECONOMIC STATUS PROFILE

Table 2.5. Profile of the Economic Status Distribution by Province, 2023 SKI

| Province | Economic Status (%) | | | | |
|-------------------------|---------------------|----------------------|----------------|----------------------|-----------------|
| | Lowest (Q1) | Lower Middle (Q2) | Middle (Q3) | Upper Middle (Q4) | Highest (Q5) |
| Aceh | 18.0 | 23.0 | 20.5 | 19.7 | 18.9 |
| North Sumatra | 29.5 | 19.8 | 19.8 | 15.8 | 15.1 |
| West Sumatra | 14.5 | 22.4 | 17.6 | 23.8 | 21.8 |
| Riau | 9.2 | 18.4 | 26.6 | 23.4 | 22.4 |
| Jambi | 11.1 | 21.5 | 18.3 | 24.1 | 25.0 |
| South Sumatra | 20.9 | 22.9 | 20.9 | 17.1 | 18.1 |
| Bengkulu | 15.1 | 20.5 | 20.5 | 27.2 | 16.8 |
| Lampung | 20.7 | 27.0 | 21.3 | 16.7 | 14.3 |
| Bangka Belitung Islands | 4.4 | 9.8 | 19.7 | 27.6 | 38.5 |
| Riau Islands | 10.3 | 13.4 | 15.7 | 26.4 | 34.1 |
| DKI Jakarta | 1.2 | 6.2 | 16.7 | 34.1 | 41.9 |
| West Java | 9.7 | 14.5 | 22.5 | 28.1 | 25.3 |
| Central Java | 16.3 | 21.7 | 22.9 | 20.6 | 18.6 |
| DI Yogyakarta | 12.0 | 19.9 | 15.2 | 25.7 | 27.2 |
| East Java | 15.9 | 20.3 | 23.3 | 21.8 | 18.7 |
| Banten | 8.1 | 11.7 | 20.6 | 26.9 | 32.8 |
| Bali | 6.7 | 16.7 | 21.7 | 27.3 | 27.5 |
| West Nusa Tenggara | 24.5 | 21.6 | 22.7 | 18.9 | 12.3 |
| East Nusa Tenggara | 64.4 | 12.6 | 7.0 | 7.3 | 8.7 |
| West Kalimantan | 17.4 | 18.9 | 20.0 | 21.0 | 22.7 |
| Central Kalimantan | 20.6 | 19.2 | 21.2 | 17.5 | 21.5 |
| South Kalimantan | 24.5 | 26.3 | 18.5 | 13.3 | 17.5 |
| East Kalimantan | 10.3 | 13.4 | 17.8 | 19.3 | 39.3 |
| North Kalimantan | 8.9 | 24.4 | 15.6 | 15.6 | 35.6 |
| North Sulawesi | 23.4 | 22.0 | 21.4 | 17.3 | 15.9 |
| Central Sulawesi | 30.3 | 17.0 | 15.5 | 14.2 | 23.0 |
| South Sulawesi | 21.2 | 25.3 | 19.6 | 16.6 | 17.2 |
| Southeast Sulawesi | 27.3 | 22.6 | 20.0 | 17.3 | 12.7 |
| Gorontalo | 23.5 | 26.1 | 19.9 | 18.1 | 12.4 |
| West Sulawesi | 33.3 | 16.3 | 14.3 | 17.4 | 18.6 |
| Maluku | 38.1 | 17.2 | 18.3 | 13.6 | 12.8 |
| North Maluku | 25.4 | 15.2 | 19.7 | 21.3 | 18.4 |
| West Papua | 21.7 | 15.9 | 23.2 | 21.7 | 17.4 |
| Southwest Papua | 35.8 | 18.9 | 26.4 | 9.4 | 9.4 |
| Papua | 17.7 | 27.4 | 16.1 | 19.4 | 19.4 |
| South Papua | 28.0 | 12.0 | 12.0 | 16.0 | 32.0 |
| Central Papua | 17.0 | 14.9 | 23.4 | 14.9 | 29.8 |
| Highland Papua**** | 0 | 50.0 | 0 | 50.0 | 0 |
| INDONESIA | 20.1 | 19.9 | 20.0 | 20.0 | 20.0 |

****The number of visited sample is limited due to security reasons.

Economic status based on ownership index provides an overview that the higher the household's economic status, the more durable goods they possess. In Table 2.5, it can be seen that, nationally, household economic status based on the ownership index is as follows: lowest economic status 20.1%, lower-middle economic status 19.9%, middle economic status 20.0%, upper-middle economic status 20.0%, and highest economic status 20.0%.

In Table 2.5, almost all provinces have a distribution of economic status from lowest to highest that is not significantly different, except in Riau, Bangka Belitung Islands, DKI Jakarta, West Java, Banten, Bali, North Kalimantan, Southeast Sulawesi, Maluku, North Maluku, Papua, South Papua, and Central Papua, where the lowest economic status is significantly smaller than the highest economic status (less than 10.0%). Nine other provinces, namely North Sumatra,

East Nusa Tenggara, Central Sulawesi, West Sulawesi, Southeast Sulawesi, Maluku, North Maluku, Southwest Papua, and South Papua, have a percentage distribution of the lowest quintile significantly larger than the highest economic status (more than 25.0%). East Nusa Tenggara is the province with the largest lowest economic status (64.4%), while DKI Jakarta is the province with the smallest lowest economic status (1.2%).

The illustration of economic status based on residence can be seen in Table 2.6. In the table, it is observed that the largest proportion of households residing in urban areas belong to the highest economic status group.

Table 2.6 Illustration of Economic Status by Residence, 2023 SKI

| Residence | Economic Status (%) | | | | |
|-----------|---------------------|-------------------|-------------|-------------------|--------------|
| | Lowest (Q1) | Lower Middle (Q2) | Middle (Q3) | Upper Middle (Q4) | Highest (Q5) |
| Urban | 11.2 | 17.1 | 20.3 | 23.4 | 28.0 |
| Rural | 32.3 | 23.8 | 19.6 | 15.3 | 9.0 |

As a step to assess the accuracy of the formed index, cross-tabulation is conducted with variables indicating levels of economic status. The variables used are government programs specifically aimed at certain economic levels, i.e., those who have received social assistance in the past year. The government provides social assistance to the poor throughout Indonesia through various programs, including the Family Hope Program (PKH), Non-Cash Food Assistance (BPNT), Direct Cash Assistance (BLT), and Electricity Subsidy Program (free/cost reduction). Table 2.7 shows that, nationally, the lower the household wealth level, the more likely they are to have received social assistance. Overall, the results of the SKI do not differentiate regions that implement social assistance policies for all economic levels in their areas.

Table 2.7 Percentage of Household Recipients of Social Assistance by Economic Status, 2023 SKI

| Economic Status | Received social assistance in the past year <u>(%)</u> | |
|-------------------|---|------|
| | No | Yes |
| Lowest (Q1) | 43.7 | 56.3 |
| Lower middle (Q2) | 55.1 | 44.9 |
| Middle (Q3) | 66.5 | 33.5 |
| Upper middle (Q4) | 78.3 | 21.7 |
| Highest (Q5) | 93.4 | 6.6 |

CHAPTER 3

ACCESS TO HEALTHCARE FACILITIES

Healthcare facilities (*fasyankes*) are tools and/or places used to provide health services, including promotive, preventive, curative, and rehabilitative efforts carried out by the government, regional governments, and/or the community (Government Regulation Number 47 of 2016). The healthcare facilities inquired about in this chapter are community health centers (*puskesmas*) and their networks, independent health professional clinics/practices, health laboratories, and hospitals.

There are two types of respondents in this chapter: household respondents and individual respondents. Household respondents are the heads of households or household members who are most knowledgeable about their household's conditions. Individual respondents include all members of the household.

This chapter aims to examine:

1. Household's awareness on the existence and accessibility of healthcare facilities.
2. Household's awareness on the availability of facilities/services for people with disabilities at healthcare facilities.
3. Utilization of healthcare facilities by households in the past year.
4. Assessment of frequently utilized healthcare facilities services based on households' perceptions.
5. History of households accessing healthcare facilities/non-healthcare facilities services for Covid-19, swab services, inpatient care, and PSC 119.
6. History of households accessing healthcare services abroad in the last three years.
7. Assessment of healthcare services abroad based on households' perceptions.
8. Ownership of valid health insurance by all members of the household.
9. History of household members aged ≥ 15 years utilizing online health services (telemedicine)

3.1. HOUSEHOLDS' AWARENESS ON THE EXISTENCE AND ACCESSIBILITY OF HEALTHCARE FACILITIES

This question aims to obtain information about the respondents' awareness of the nearest healthcare facilities. Accessibility to healthcare facilities is assessed by: the transportation used, travel time, and transportation costs.

- a. Existence of healthcare facilities in the district/city

$$= \frac{\text{Number of households aware of the existence of healthcare facilities in the district/city}}{\text{Number of interviewed households}} \times 100 \%$$

- b. Existence of healthcare facilities in the nearest city/district

$$= \frac{\text{Number of households aware of the existence of healthcare facilities in the nearest district/city}}{\text{Number of interviewed households}} \times 100 \%$$

- c. No healthcare facilities

$$= \frac{\text{Number of households stating that there is no healthcare facility}}{\text{Number of interviewed households}} \times 100 \%$$

- d. Unaware of the existence of healthcare facilities

$$= \frac{\text{Number of households unaware of the existence of healthcare facilities}}{\text{Number of interviewed households}} \times 100 \%$$

e. Ease of accessing healthcare facilities

$$= \frac{\text{Household's awareness on the accessibility of the healthcare facilities}}{\text{Number of households knowing the existence of the healthcare facilities}} \times 100 \%$$

The community's accessibility level to healthcare facilities is measured using Principal Component Analysis (PCA) from three components, namely: type of transportation, travel time, and transportation costs. PCA method is used to simplify multiple variables into one by creating scores for these variables, where the variable scores are formed based on the strength of correlation between variables. There are 4 types of access to healthcare facilities calculated, namely: (1) access to *puskesmas* and their networks; (2) access to independent health professional clinics/practices; (3) access to health laboratories; and (4) access to hospitals.

The level of accessibility to healthcare facilities is divided into three categories: (1) easy; (2) difficult; and (3) very difficult based on the index values formed in the PCA process through data standardization, calculation of covariance matrices, calculation of eigenvalues and eigenvectors, selection of principal components, and data transformation. The range of index values in PCA varies depending on the data characteristics, data variability, prescribed standardization, and the number of principal components retained.

The PCA analysis results indicate:

- The formed level of accessibility to *puskesmas* can explain 47.70% of the variation from the 3 components (type of transportation, travel time, and transportation costs) with correlations ranging from 0.09 to 0.29.
- The formed level of accessibility to independent health professional clinics/practices can explain 49.78% of the variation from the 3 components (type of transportation, travel time, and transportation costs) with correlations ranging from 0.12 to 0.31.
- The formed level of accessibility to health laboratories can explain 52.07% of the variation from the 3 components (type of transportation, travel time, and transportation costs) with correlations ranging from 0.16 to 0.39.
- The formed level of accessibility to hospitals can explain 54.21% of the variation from the 3 components (type of transportation, travel time, and transportation costs) with correlations ranging from 0.20 to 0.43.

Table 3.1 Proportion of Households' Awareness on the Existence of *Puskesmas* and Their Network by Province, 2023 SKI

| Province | Existence of <i>Puskesmas</i> and Their Network | | | | Weighted N |
|-------------------------|---|------------------------------|------------|------------|----------------|
| | In the District/City | In the Nearest District/City | None | Unaware | |
| | % | % | % | % | |
| Aceh | 93.3 | 6.3 | 0.2 | 0.1 | 5,756 |
| North Sumatra | 93.1 | 4.9 | 1.1 | 0.9 | 15,886 |
| West Sumatra | 96.1 | 3.0 | 0.6 | 0.4 | 6,043 |
| Riau | 92.9 | 5.9 | 0.5 | 0.6 | 7,052 |
| Jambi | 94.7 | 4.9 | 0.1 | 0.4 | 4,051 |
| South Sumatra | 93.1 | 5.2 | 0.8 | 0.9 | 9,402 |
| Bengkulu | 94.0 | 4.2 | 1.2 | 0.6 | 2,323 |
| Lampung | 94.0 | 4.1 | 0.5 | 1.3 | 10,424 |
| Bangka Belitung Islands | 96.5 | 2.6 | 0.4 | 0.6 | 1,708 |
| Riau Islands | 85.9 | 10.9 | 1.1 | 2.2 | 2,514 |
| DKI Jakarta | 96.1 | 1.9 | 0.1 | 2.0 | 12,318 |
| West Java | 94.2 | 3.8 | 0.3 | 1.8 | 58,514 |
| Central Java | 96.8 | 2.0 | 0.1 | 1.1 | 44,459 |
| DI Yogyakarta | 98.2 | 1.0 | 0.0 | 0.9 | 4,957 |
| East Java | 97.5 | 1.3 | 0.2 | 1.1 | 50,591 |
| Banten | 93.6 | 5.2 | 0.2 | 1.1 | 13,333 |
| Bali | 97.7 | 1.8 | 0.1 | 0.4 | 5,149 |
| West Nusa Tenggara | 95.1 | 3.5 | 0.5 | 0.9 | 6,849 |
| East Nusa Tenggara | 92.2 | 6.8 | 0.6 | 0.4 | 5,335 |
| West Kalimantan | 92.5 | 6.4 | 0.3 | 0.7 | 5,784 |
| Central Kalimantan | 86.3 | 11.3 | 1.9 | 0.5 | 3,178 |
| South Kalimantan | 95.3 | 3.6 | 0.2 | 0.9 | 5,023 |
| East Kalimantan | 95.9 | 2.8 | 0.4 | 1.0 | 4,320 |
| North Kalimantan | 96.8 | 2.4 | 0.6 | 0.3 | 729 |
| North Sulawesi | 89.8 | 7.9 | 1.0 | 1.2 | 3,031 |
| Central Sulawesi | 92.0 | 5.7 | 1.9 | 0.4 | 3,216 |
| South Sulawesi | 89.6 | 8.7 | 0.5 | 1.2 | 9,484 |
| Southeast Sulawesi | 91.7 | 7.2 | 0.5 | 0.7 | 2,733 |
| Gorontalo | 92.5 | 6.9 | 0.1 | 0.6 | 1,260 |
| West Sulawesi | 97.4 | 2.0 | 0.2 | 0.4 | 1,467 |
| Maluku | 87.2 | 11.0 | 1.2 | 0.6 | 1,753 |
| North Maluku | 84.3 | 11.0 | 2.7 | 2.0 | 1,222 |
| West Papua | 92.6 | 5.3 | 1.1 | 1.0 | 563 |
| Southwest Papua | 90.1 | 5.9 | 2.4 | 1.5 | 599 |
| Papua | 90.6 | 8.2 | 0.9 | 0.3 | 1,029 |
| South Papua | 89.0 | 7.9 | 1.9 | 1.2 | 546 |
| Central Papua | 85.8 | 12.3 | 1.6 | 0.3 | 1,528 |
| Highland Papua | 82.7 | 13.5 | 3.5 | 0.3 | 1,516 |
| INDONESIA | 94.6 | 3.9 | 0.4 | 1.1 | 315,646 |

Table 3.2 Proportion of Households' Awareness on the Existence of *Puskesmas* and Their Network by Characteristic, 2023 SKI

| Characteristic | Existence of <i>Puskesmas</i> and Their Network | | | | Weighted N |
|------------------------|---|------------------------------|------|---------|------------|
| | In the District/City | In the Nearest District/City | None | Unaware | |
| | % | % | % | % | |
| Residence | | | | | |
| Urban | 95.5 | 3.0 | 0.3 | 1.2 | 183,418 |
| Rural | 93.4 | 5.1 | 0.5 | 1.0 | 132,228 |
| Economic Status | | | | | |
| Lowest | 92.4 | 5.1 | 0.7 | 1.8 | 50,291 |
| Lower middle | 94.5 | 3.9 | 0.4 | 1.2 | 59,016 |
| Middle | 95.3 | 3.6 | 0.3 | 0.7 | 65,697 |
| Upper middle | 95.0 | 3.9 | 0.4 | 0.7 | 71,513 |
| Highest | 95.1 | 3.1 | 0.4 | 1.4 | 69,104 |

Table 3.3 Proportion of Households' Awareness on the Level of Accessibility to Puskesmas and Their Network by Province, 2023 SKI

| Province | Access to Puskesmas and Their Network | | | | | | Weighted N | |
|-------------------------|---------------------------------------|--------------------|-------------|--------------------|----------------|--------------------|----------------|--|
| | Easy | | Difficult | | Very Difficult | | | |
| | % | 95 % CI | % | 95 % CI | % | 95 % CI | | |
| Aceh | 51.1 | 48.7 - 53.5 | 21.3 | 19.6 - 23.1 | 27.6 | 25.4 - 30.0 | 5,749 | |
| North Sumatra | 40.5 | 38.0 - 43.0 | 18.7 | 17.2 - 20.3 | 40.8 | 38.3 - 43.4 | 15,599 | |
| West Sumatra | 53.1 | 50.2 - 56.0 | 22.7 | 20.7 - 24.9 | 24.2 | 22.0 - 26.6 | 5,999 | |
| Riau | 39.7 | 36.9 - 42.7 | 17.2 | 15.2 - 19.4 | 43.1 | 40.0 - 46.1 | 6,985 | |
| Jambi | 41.5 | 38.8 - 44.4 | 18.9 | 16.8 - 21.2 | 39.5 | 36.7 - 42.4 | 4,042 | |
| South Sumatra | 41.0 | 38.7 - 43.4 | 18.4 | 16.8 - 20.1 | 40.5 | 38.1 - 43.1 | 9,259 | |
| Bengkulu | 58.8 | 55.6 - 61.9 | 18.4 | 16.2 - 20.9 | 22.8 | 20.0 - 25.9 | 2,287 | |
| Lampung | 40.6 | 37.7 - 43.5 | 24.4 | 22.1 - 26.9 | 35.0 | 32.1 - 38.0 | 10,258 | |
| Bangka Belitung Islands | 50.6 | 47.0 - 54.2 | 21.8 | 19.3 - 24.6 | 27.5 | 24.4 - 30.9 | 1,695 | |
| Riau Islands | 58.6 | 53.5 - 63.5 | 21.3 | 18.2 - 24.8 | 20.1 | 17.1 - 23.5 | 2,437 | |
| DKI Jakarta | 68.6 | 65.7 - 71.4 | 16.8 | 15.0 - 18.8 | 14.6 | 12.4 - 17.0 | 12,093 | |
| West Java | 50.8 | 49.2 - 52.4 | 22.1 | 21.1 - 23.2 | 27.1 | 25.7 - 28.6 | 57,448 | |
| Central Java | 52.2 | 50.6 - 53.7 | 25.8 | 24.6 - 27.1 | 22.0 | 20.6 - 23.5 | 44,011 | |
| DI Yogyakarta | 69.0 | 65.8 - 72.0 | 20.2 | 18.1 - 22.6 | 10.8 | 8.8 - 13.1 | 4,925 | |
| East Java | 51.7 | 50.2 - 53.2 | 23.7 | 22.6 - 24.9 | 24.6 | 23.2 - 26.0 | 50,061 | |
| Banten | 51.1 | 48.1 - 54.0 | 22.4 | 20.2 - 24.8 | 26.5 | 23.9 - 29.3 | 13,202 | |
| Bali | 63.3 | 60.1 - 66.4 | 20.5 | 18.2 - 22.9 | 16.2 | 14.0 - 18.7 | 5,135 | |
| West Nusa Tenggara | 55.3 | 51.4 - 59.0 | 18.9 | 16.6 - 21.5 | 25.8 | 22.4 - 29.5 | 6,768 | |
| East Nusa Tenggara | 30.6 | 28.9 - 32.4 | 13.7 | 12.6 - 14.8 | 55.7 | 53.8 - 57.6 | 5,297 | |
| West Kalimantan | 35.6 | 33.0 - 38.2 | 15.3 | 13.3 - 17.5 | 49.1 | 46.5 - 51.7 | 5,737 | |
| Central Kalimantan | 36.1 | 33.0 - 39.3 | 16.2 | 14.1 - 18.6 | 47.7 | 44.1 - 51.3 | 3,107 | |
| South Kalimantan | 52.5 | 49.7 - 55.3 | 21.9 | 19.9 - 24.1 | 25.6 | 23.2 - 28.1 | 4,979 | |
| East Kalimantan | 55.2 | 52.1 - 58.2 | 16.9 | 14.8 - 19.1 | 28.0 | 25.3 - 30.8 | 4,270 | |
| North Kalimantan | 38.8 | 33.8 - 44.0 | 23.4 | 19.5 - 27.9 | 37.8 | 33.1 - 42.7 | 725 | |
| North Sulawesi | 56.8 | 53.9 - 59.8 | 19.7 | 17.7 - 21.8 | 23.5 | 21.0 - 26.2 | 2,971 | |
| Central Sulawesi | 47.1 | 44.1 - 50.2 | 18.6 | 16.6 - 20.8 | 34.3 | 31.5 - 37.2 | 3,149 | |
| South Sulawesi | 46.9 | 44.8 - 49.0 | 17.8 | 16.4 - 19.3 | 35.3 | 33.3 - 37.3 | 9,346 | |
| Southeast Sulawesi | 52.0 | 48.9 - 55.0 | 18.9 | 17.1 - 20.9 | 29.1 | 26.3 - 32.1 | 2,707 | |
| Gorontalo | 53.0 | 48.9 - 57.0 | 20.9 | 18.2 - 23.9 | 26.1 | 22.5 - 29.9 | 1,255 | |
| West Sulawesi | 43.7 | 38.5 - 49.0 | 17.0 | 13.9 - 20.7 | 39.3 | 34.7 - 44.1 | 1,461 | |
| Maluku | 42.4 | 38.9 - 46.0 | 14.1 | 12.1 - 16.3 | 43.5 | 39.9 - 47.2 | 1,724 | |
| North Maluku | 46.9 | 43.2 - 50.6 | 11.6 | 9.9 - 13.7 | 41.5 | 37.8 - 45.2 | 1,167 | |
| West Papua | 39.0 | 33.3 - 45.0 | 13.9 | 11.5 - 16.8 | 47.1 | 40.7 - 53.6 | 552 | |
| Southwest Papua | 44.6 | 39.5 - 49.9 | 13.9 | 11.0 - 17.4 | 41.5 | 36.3 - 46.8 | 577 | |
| Papua | 45.6 | 40.2 - 51.0 | 15.9 | 12.7 - 19.7 | 38.6 | 33.9 - 43.4 | 1,019 | |
| South Papua | 25.3 | 20.3 - 31.0 | 15.5 | 12.5 - 19.1 | 59.2 | 53.7 - 64.4 | 530 | |
| Central Papua | 30.2 | 24.6 - 36.4 | 14.0 | 9.2 - 20.8 | 55.8 | 48.0 - 63.2 | 1,502 | |
| Highland Papua | 18.3 | 13.4 - 24.5 | 6.6 | 4.5 - 9.5 | 75.1 | 68.0 - 81.1 | 1,462 | |
| INDONESIA | 49.9 | 49.3 - 50.4 | 21.3 | 20.9 - 21.7 | 28.9 | 28.4 - 29.4 | 311,492 | |

Table 3.4. Proportion of Households' Awareness on the Level of Accessibility to *Puskesmas* and Their Network by Characteristic, 2023 SKI

| Characteristic | Access to <i>Puskesmas</i> and Their Network | | | | | | Weighted N | |
|------------------------|--|-------------|-----------|-------------|----------------|-------------|------------|--|
| | Easy | | Difficult | | Very Difficult | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Residence | | | | | | | | |
| Urban | 62.6 | 61.9 - 63.2 | 20.1 | 19.6 - 20.6 | 17.3 | 16.8 - 17.9 | 180,982 | |
| Rural | 32.2 | 31.4 - 33.1 | 22.9 | 22.2 - 23.6 | 44.8 | 43.9 - 45.8 | 130,510 | |
| Economic Status | | | | | | | | |
| Lowest | 32.2 | 31.3 - 33.0 | 20.2 | 19.5 - 20.9 | 47.6 | 46.6 - 48.6 | 49,168 | |
| Lower middle | 42.8 | 42.0 - 43.7 | 22.7 | 22.1 - 23.4 | 34.4 | 33.6 - 35.3 | 58,242 | |
| Middle | 47.8 | 47.0 - 48.7 | 22.6 | 22.0 - 23.3 | 29.6 | 28.8 - 30.3 | 65,157 | |
| Upper middle | 55.1 | 54.3 - 56.0 | 21.5 | 20.8 - 22.1 | 23.4 | 22.7 - 24.1 | 70,892 | |
| Highest | 65.1 | 64.3 - 65.9 | 19.4 | 18.7 - 20.0 | 15.5 | 15.0 - 16.1 | 68,010 | |

Table 3.5 Proportion of Households' Awareness on the Existence of Independent Health Professional Clinics/Practices by Province, 2023 SKI

| Province | Existence of Independent Health Professional Clinics/Practices | | | | Weighted N |
|-------------------------|--|-----------------------------------|------------|--------------|----------------|
| | In the District/City % | In the Nearest District/City % | None % | Unaware % | |
| Aceh | 79.7 | 7.0 | 6.2 | 5.1 | 5,756 |
| North Sumatra | 76.4 | 6.8 | 5.2 | 4.4 | 15,886 |
| West Sumatra | 83.5 | 4.3 | 5.6 | 5.7 | 6,043 |
| Riau | 87.4 | 6.7 | 2.0 | 2.6 | 7,052 |
| Jambi | 88.5 | 7.2 | 2.9 | 3.9 | 4,051 |
| South Sumatra | 86.7 | 5.6 | 2.4 | 5.0 | 9,402 |
| Bengkulu | 86.0 | 4.4 | 3.0 | 4.8 | 2,323 |
| Lampung | 91.6 | 4.7 | 1.6 | 3.1 | 10,424 |
| Bangka Belitung Islands | 85.8 | 3.2 | 3.2 | 6.2 | 1,708 |
| Riau Islands | 78.5 | 11.1 | 3.4 | 5.8 | 2,514 |
| DKI Jakarta | 76.7 | 2.4 | 2.4 | 9.3 | 12,318 |
| West Java | 86.8 | 4.1 | 1.7 | 6.0 | 58,514 |
| Central Java | 89.1 | 2.7 | 1.4 | 5.7 | 44,459 |
| DI Yogyakarta | 89.5 | 2.4 | 2.3 | 8.6 | 4,957 |
| East Java | 89.4 | 1.8 | 1.4 | 6.6 | 50,591 |
| Banten | 91.7 | 5.5 | 0.8 | 3.7 | 13,333 |
| Bali | 90.0 | 2.6 | 2.1 | 5.0 | 5,149 |
| West Nusa Tenggara | 75.3 | 4.0 | 8.4 | 17.7 | 6,849 |
| East Nusa Tenggara | 49.3 | 6.6 | 21.8 | 24.4 | 5,335 |
| West Kalimantan | 71.8 | 6.1 | 5.7 | 10.6 | 5,784 |
| Central Kalimantan | 73.9 | 7.0 | 12.0 | 12.9 | 3,178 |
| South Kalimantan | 73.2 | 3.8 | 5.3 | 15.7 | 5,023 |
| East Kalimantan | 83.8 | 3.9 | 4.6 | 8.2 | 4,320 |
| North Kalimantan | 79.3 | 2.6 | 14.8 | 6.3 | 729 |
| North Sulawesi | 66.8 | 8.5 | 10.3 | 12.8 | 3,031 |
| Central Sulawesi | 36.9 | 5.0 | 31.3 | 24.0 | 3,216 |
| South Sulawesi | 62.3 | 7.6 | 11.5 | 19.4 | 9,484 |
| Southeast Sulawesi | 41.3 | 7.3 | 22.9 | 22.6 | 2,733 |
| Gorontalo | 64.1 | 6.9 | 8.5 | 19.0 | 1,260 |
| West Sulawesi | 62.0 | 3.9 | 13.2 | 29.7 | 1,467 |
| Maluku | 47.3 | 6.5 | 34.1 | 19.9 | 1,753 |
| North Maluku | 40.2 | 9.2 | 35.6 | 24.9 | 1,222 |
| West Papua | 59.4 | 6.4 | 21.4 | 20.4 | 563 |
| Southwest Papua | 47.2 | 3.1 | 29.7 | 27.1 | 599 |
| Papua | 80.6 | 8.9 | 13.7 | 8.5 | 1,029 |
| South Papua | 56.0 | 5.5 | 19.3 | 37.8 | 546 |
| Central Papua | 72.3 | 2.1 | 48.8 | 15.3 | 1,528 |
| Highland Papua | 0.0 | 12.4 | 54.6 | 17.7 | 1,516 |
| INDONESIA | 77.1 | 4.3 | 4.7 | 8.0 | 315,646 |

Table 3.6 Proportion of Households' Awareness on the Existence of Independent Health Professional Clinics/Practices by Characteristic, 2023 SKI

| Characteristic | Existence of Independent Health Professional Clinics/Practices | | | | |
|------------------------|--|------------------------------|------|---------|------------|
| | In the District/City | In the Nearest District/City | None | Unaware | Weighted N |
| | | % | % | % | % |
| Residence | | | | | |
| Urban | 86.9 | 3.5 | 2.6 | 7.0 | 183,418 |
| Rural | 77.7 | 5.3 | 7.7 | 9.4 | 132,228 |
| Economic Status | | | | | |
| Lowest | 69.7 | 4.8 | 10.7 | 14.8 | 50,291 |
| Lower middle | 80.3 | 4.3 | 5.5 | 9.9 | 59,016 |
| Middle | 84.7 | 4.3 | 3.9 | 7.1 | 65,697 |
| Upper middle | 86.5 | 4.4 | 3.1 | 6.0 | 71,513 |
| Highest | 89.8 | 3.7 | 2.0 | 4.4 | 69,104 |

Table 3.7 Proportion of Households' Awareness on the Level of Accessibility to Independent Health Professional Clinics/Practices by Province, 2023 SKI

| Province | Access to Independent Health Professional Clinics/Practices | | | | | | Weighted N | |
|-------------------------|---|------------------|-------------|--------------------|----------------|--------------------|----------------|--|
| | Easy | | Difficult | | Very Difficult | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 27.0 | 25.0 - 29.2 | 48.4 | 46.1 - 50.7 | 24.5 | 22.5 - 26.7 | 4,653 | |
| North Sumatra | 36.0 | 33.7 - 38.3 | 47.1 | 44.6 - 49.5 | 16.9 | 15.5 - 18.4 | 13,087 | |
| West Sumatra | 44.2 | 41.5 - 46.9 | 43.0 | 40.5 - 45.5 | 12.8 | 11.5 - 14.2 | 4,883 | |
| Riau | 36.6 | 33.9 - 39.4 | 45.9 | 43.2 - 48.6 | 17.5 | 15.4 - 19.9 | 6,124 | |
| Jambi | 35.2 | 32.5 - 38.0 | 46.7 | 44.0 - 49.5 | 18.1 | 16.1 - 20.3 | 3,440 | |
| South Sumatra | 42.9 | 40.6 - 45.2 | 42.3 | 40.1 - 44.6 | 14.8 | 13.2 - 16.6 | 7,928 | |
| Bengkulu | 41.4 | 38.0 - 44.8 | 42.7 | 39.6 - 45.9 | 15.9 | 13.6 - 18.5 | 1,950 | |
| Lampung | 35.7 | 32.9 - 38.5 | 50.3 | 47.6 - 53.0 | 14.0 | 12.3 - 16.0 | 9,044 | |
| Bangka Belitung Islands | 33.7 | 30.6 - 36.9 | 48.9 | 45.8 - 52.0 | 17.4 | 14.8 - 20.4 | 1,409 | |
| Riau Islands | 35.4 | 30.9 - 40.3 | 50.3 | 46.0 - 54.6 | 14.2 | 11.9 - 17.0 | 2,079 | |
| DKI Jakarta | 32.3 | 29.2 - 35.6 | 52.7 | 49.9 - 55.5 | 14.9 | 13.0 - 17.1 | 9,900 | |
| West Java | 33.1 | 31.8 - 34.5 | 47.0 | 45.8 - 48.3 | 19.8 | 18.7 - 21.0 | 49,204 | |
| Central Java | 43.3 | 41.8 - 44.7 | 45.7 | 44.3 - 47.0 | 11.1 | 10.2 - 12.0 | 37,612 | |
| DI Yogyakarta | 39.3 | 35.9 - 42.8 | 51.3 | 47.9 - 54.6 | 9.4 | 7.6 - 11.7 | 4,022 | |
| East Java | 43.7 | 42.2 - 45.2 | 43.5 | 42.2 - 44.9 | 12.8 | 11.8 - 13.8 | 42,384 | |
| Banten | 35.3 | 32.8 - 38.0 | 48.9 | 46.4 - 51.3 | 15.8 | 14.0 - 17.7 | 11,588 | |
| Bali | 43.4 | 39.9 - 47.0 | 46.7 | 43.3 - 50.1 | 9.9 | 8.5 - 11.5 | 4,360 | |
| West Nusa Tenggara | 34.5 | 30.7 - 38.5 | 45.4 | 41.6 - 49.2 | 20.1 | 17.3 - 23.3 | 4,608 | |
| East Nusa Tenggara | 13.2 | 11.4 - 15.1 | 30.5 | 28.2 - 32.8 | 56.3 | 53.9 - 58.8 | 2,613 | |
| West Kalimantan | 29.1 | 26.5 - 31.9 | 42.9 | 40.1 - 45.7 | 28.0 | 25.5 - 30.6 | 4,408 | |
| Central Kalimantan | 26.8 | 23.8 - 30.0 | 39.8 | 36.4 - 43.4 | 33.4 | 30.1 - 36.8 | 2,174 | |
| South Kalimantan | 30.9 | 28.5 - 33.4 | 45.3 | 42.8 - 47.8 | 23.8 | 21.5 - 26.2 | 3,614 | |
| East Kalimantan | 22.8 | 20.1 - 25.7 | 45.6 | 42.5 - 48.7 | 31.6 | 28.6 - 34.8 | 3,428 | |
| North Kalimantan | 15.3 | 11.7 - 19.8 | 53.2 | 48.3 - 57.9 | 31.5 | 27.0 - 36.5 | 524 | |
| North Sulawesi | 25.5 | 22.8 - 28.4 | 46.3 | 42.7 - 50.0 | 28.1 | 25.7 - 30.8 | 2,123 | |
| Central Sulawesi | 28.0 | 24.4 - 31.9 | 37.0 | 33.5 - 40.7 | 35.0 | 31.5 - 38.6 | 1,311 | |
| South Sulawesi | 23.1 | 20.8 - 25.5 | 35.3 | 33.2 - 37.5 | 41.6 | 39.3 - 43.9 | 5,966 | |
| Southeast Sulawesi | 15.6 | 13.4 - 18.1 | 40.9 | 36.8 - 45.1 | 43.5 | 39.3 - 47.8 | 1,357 | |
| Gorontalo | 29.2 | 25.4 - 33.3 | 47.0 | 42.8 - 51.3 | 23.8 | 20.3 - 27.8 | 831 | |
| West Sulawesi | 18.7 | 15.3 - 22.8 | 34.3 | 29.9 - 39.1 | 46.9 | 41.7 - 52.2 | 763 | |
| Maluku | 17.2 | 13.7 - 21.5 | 28.9 | 24.0 - 34.4 | 53.9 | 47.9 - 59.8 | 734 | |
| North Maluku | 28.1 | 23.4 - 33.4 | 25.1 | 21.0 - 29.6 | 46.8 | 42.0 - 51.6 | 439 | |
| West Papua | 11.0 | 8.0 - 14.9 | 26.9 | 21.8 - 32.8 | 62.1 | 55.5 - 68.3 | 298 | |
| Southwest Papua | 13.1 | 9.9 - 17.3 | 49.2 | 44.1 - 54.2 | 37.7 | 32.4 - 43.3 | 235 | |
| Papua | 22.6 | 17.0 - 29.4 | 37.9 | 32.7 - 43.3 | 39.5 | 34.1 - 45.3 | 729 | |
| South Papua | 13.3 | 9.6 - 18.2 | 41.1 | 34.4 - 48.0 | 45.6 | 37.6 - 53.9 | 213 | |
| Central Papua | 10.6 | 7.8 - 14.2 | 33.8 | 26.9 - 41.4 | 55.6 | 46.9 - 64.0 | 499 | |
| Highland Papua | 3.8 | 2.0 - 7.1 | 3.2 | 1.5 - 6.9 | 93.0 | 87.8 - 96.1 | 383 | |
| INDONESIA | 36.4 | 35.9-36.9 | 45.5 | 45.0 - 46.0 | 18.1 | 17.7 - 18.5 | 250,921 | |

Table 3.8 Proportion of Households' Awareness on the Level of Accessibility to Independent Health Professional Clinics/Practices by Characteristic, 2023 SKI

| Characteristic | Access to Independent | | Health Professional Clinic/Practices | | Very Difficult | | Weighted N |
|------------------------|-----------------------|-------------|--------------------------------------|-------------|----------------|-------------|------------|
| | Easy % | 95% CI | Difficult % | 95% CI | % 95% CI | | |
| Residence | | | | | | | |
| Urban | 38.9 | 38.2 - 39.5 | 47.7 | 47.1 - 48.3 | 13.4 | 13.0 - 13.8 | 15,1026 |
| Rural | 32.7 | 31.8 - 33.6 | 42.1 | 41.3 - 43.0 | 25.2 | 24.5 - 26.0 | 99,895 |
| Economic Status | | | | | | | |
| Lowest | 27.3 | 25.3 - 29.5 | 39.4 | 37.2 - 41.6 | 33.3 | 30.9 - 35.7 | 6,578 |
| Lower middle | 33.9 | 32.2 - 35.6 | 44.7 | 43.0 - 46.5 | 21.4 | 20.0 - 22.9 | 10,426 |
| Middle | 37.3 | 35.8 - 38.8 | 45.2 | 43.7 - 46.6 | 17.5 | 16.4 - 18.6 | 14,337 |
| Upper middle | 39.5 | 38.2 - 40.9 | 45.8 | 44.5 - 47.1 | 14.7 | 13.8 - 15.6 | 19,195 |
| Highest | 40.0 | 38.8 - 41.2 | 47.5 | 46.3 - 48.6 | 12.5 | 11.9 - 13.2 | 27,789 |

Table 3.9 Proportion of Households' Awareness on the Existence of Health Laboratory by Province, 2023 SKI

| Province | Existence of Health Laboratory | | | | |
|-------------------------|--------------------------------|------------------------------|-------------|-------------|----------------|
| | In the District/City | In the Nearest District/City | None | Unaware | Weighted N |
| | | | % | % | |
| Aceh | 20.1 | 5.0 | 28.5 | 46.3 | 5,756 |
| North Sumatra | 19.5 | 3.7 | 28.5 | 48.3 | 15,886 |
| West Sumatra | 22.7 | 2.5 | 26.0 | 48.8 | 6,043 |
| Riau | 24.8 | 5.4 | 26.2 | 43.6 | 7,052 |
| Jambi | 27.5 | 4.0 | 14.9 | 53.5 | 4,051 |
| South Sumatra | 13.3 | 3.4 | 23.5 | 59.8 | 9,402 |
| Bengkulu | 21.1 | 2.5 | 36.4 | 40.0 | 2,323 |
| Lampung | 20.8 | 3.2 | 25.0 | 51.0 | 10,424 |
| Bangka Belitung Islands | 20.3 | 2.9 | 26.0 | 50.7 | 1,708 |
| Riau Islands | 31.4 | 2.7 | 15.4 | 50.4 | 2,514 |
| DKI Jakarta | 27.0 | 2.5 | 17.5 | 52.9 | 12,318 |
| West Java | 26.3 | 2.1 | 12.4 | 59.2 | 58,514 |
| Central Java | 20.3 | 3.5 | 12.1 | 64.1 | 44,459 |
| DI Yogyakarta | 32.4 | 2.4 | 12.2 | 53.0 | 4,957 |
| East Java | 37.1 | 2.7 | 9.7 | 50.5 | 50,591 |
| Banten | 21.5 | 2.4 | 12.0 | 64.1 | 13,333 |
| Bali | 31.1 | 4.2 | 13.5 | 51.2 | 5,149 |
| West Nusa Tenggara | 14.5 | 1.6 | 23.7 | 60.3 | 6,849 |
| East Nusa Tenggara | 22.6 | 4.7 | 34.2 | 38.5 | 5,335 |
| West Kalimantan | 23.0 | 3.6 | 26.6 | 46.8 | 5,784 |
| Central Kalimantan | 37.2 | 5.8 | 25.1 | 31.9 | 3,178 |
| South Kalimantan | 16.1 | 1.3 | 19.1 | 63.4 | 5,023 |
| East Kalimantan | 27.2 | 2.9 | 20.3 | 49.6 | 4,320 |
| North Kalimantan | 23.9 | 3.2 | 28.3 | 44.6 | 729 |
| North Sulawesi | 26.1 | 8.0 | 30.4 | 35.5 | 3,031 |
| Central Sulawesi | 8.6 | 2.8 | 47.7 | 40.8 | 3,216 |
| South Sulawesi | 14.6 | 4.6 | 27.8 | 53.0 | 9,484 |
| Southeast Sulawesi | 19.6 | 4.3 | 34.3 | 41.8 | 2,733 |
| Gorontalo | 12.7 | 3.6 | 28.5 | 55.2 | 1,260 |
| West Sulawesi | 10.4 | 1.7 | 25.4 | 62.6 | 1,467 |
| Maluku | 17.2 | 3.7 | 47.2 | 31.8 | 1,753 |
| North Maluku | 14.5 | 4.9 | 45.8 | 34.8 | 1,222 |
| West Papua | 26.1 | 4.6 | 31.8 | 37.5 | 563 |
| Southwest Papua | 15.0 | 1.4 | 41.6 | 42.0 | 599 |
| Papua | 53.8 | 6.2 | 21.3 | 18.6 | 1,029 |
| South Papua | 15.6 | 2.6 | 34.3 | 47.5 | 546 |
| Central Papua | 11.8 | 1.0 | 59.3 | 27.9 | 1,528 |
| Highland Papua | 12.4 | 6.9 | 59.0 | 21.7 | 1,516 |
| INDONESIA | 24.7 | 3.1 | 18.3 | 53.9 | 315,646 |

Table 3.10 Proportion of Households' Awareness on the Existence of Health Laboratory by Characteristic, 2023 SKI

| Characteristic | Existence of Health Laboratory | | | | Weighted N |
|------------------------|--------------------------------|------------------------------|------|---------|------------|
| | In the District/City | In the Nearest District/City | None | Unaware | |
| | % | % | % | % | |
| Residence | | | | | |
| Urban | 31.2 | 2.9 | 14.0 | 51.9 | 183,418 |
| Rural | 15.7 | 3.4 | 24.4 | 56.5 | 132,228 |
| Economic Status | | | | | |
| Lowest | 12.3 | 2.6 | 24.3 | 60.8 | 50,291 |
| Lower middle | 17.2 | 2.7 | 19.8 | 60.3 | 59,016 |
| Middle | 21.4 | 3.1 | 18.2 | 57.4 | 65,697 |
| Upper middle | 26.8 | 3.2 | 17.1 | 52.9 | 71,513 |
| Highest | 41.2 | 3.8 | 14.1 | 41.0 | 69,104 |

Table 3.11 Proportion of Households' Awareness on the Level of Accessibility to Health Laboratory by Province, 2023 SKI

| Province | Access to Health Laboratory | | | Weighted N | | | |
|-------------------------|-----------------------------|--------------------|-------------|--------------------|-------------|--------------------|---------------|
| | Easy | | Difficult | | | | |
| | % | 95% CI | % | 95% CI | % | | |
| Aceh | 32.3 | 28.9 - 35.9 | 26.3 | 22.7 - 30.2 | 41.4 | 37.2 - 45.7 | 1,383 |
| North Sumatra | 24.5 | 21.0 - 28.3 | 30.1 | 26.2 - 34.4 | 45.4 | 41.0 - 49.8 | 3,523 |
| West Sumatra | 35.7 | 30.4 - 41.3 | 32.0 | 26.9 - 37.5 | 32.3 | 26.5 - 38.8 | 1,456 |
| Riau | 35.6 | 30.9 - 40.7 | 23.7 | 20.2 - 27.7 | 40.6 | 36.1 - 45.3 | 2,031 |
| Jambi | 33.3 | 28.8 - 38.1 | 28.3 | 24.4 - 32.6 | 38.4 | 34.1 - 43.0 | 1,222 |
| South Sumatra | 23.9 | 20.0 - 28.4 | 31.2 | 26.7 - 36.1 | 44.9 | 39.9 - 50.0 | 1,495 |
| Bengkulu | 44.0 | 37.6 - 50.5 | 23.1 | 15.8 - 32.3 | 33.0 | 27.5 - 38.9 | 524 |
| Lampung | 42.6 | 36.4 - 49.1 | 25.4 | 20.4 - 31.0 | 32.0 | 26.3 - 38.4 | 2,391 |
| Bangka Belitung Islands | 40.8 | 32.9 - 49.3 | 35.1 | 27.7 - 43.2 | 24.1 | 18.6 - 30.6 | 380 |
| Riau Islands | 42.2 | 34.0 - 50.7 | 39.6 | 32.7 - 46.9 | 18.3 | 13.2 - 24.7 | 820 |
| DKI Jakarta | 60.3 | 56.1 - 64.4 | 29.7 | 26.3 - 33.2 | 10.0 | 7.7 - 13.0 | 3,477 |
| West Java | 49.2 | 46.8 - 51.6 | 31.0 | 29.0 - 33.0 | 19.8 | 17.9 - 21.9 | 15,884 |
| Central Java | 42.6 | 40.4 - 44.8 | 34.9 | 32.7 - 37.2 | 22.5 | 20.5 - 24.7 | 10,098 |
| DI Yogyakarta | 56.4 | 51.9 - 60.7 | 31.9 | 28.3 - 35.7 | 11.7 | 8.9 - 15.2 | 1,647 |
| East Java | 46.2 | 44.1 - 48.4 | 29.5 | 27.6 - 31.4 | 24.3 | 22.4 - 26.3 | 19,218 |
| Banten | 54.3 | 49.5 - 58.9 | 24.8 | 21.2 - 28.7 | 21.0 | 17.9 - 24.4 | 3,046 |
| Bali | 52.1 | 46.5 - 57.6 | 35.3 | 30.4 - 40.5 | 12.7 | 10.5 - 15.2 | 1,736 |
| West Nusa Tenggara | 45.1 | 38.7 - 51.7 | 31.2 | 23.3 - 40.5 | 23.6 | 17.8 - 30.7 | 1,052 |
| East Nusa Tenggara | 42.0 | 38.4 - 45.8 | 21.4 | 18.5 - 24.6 | 36.6 | 33.1 - 40.2 | 1,389 |
| West Kalimantan | 31.1 | 26.9 - 35.5 | 16.4 | 13.9 - 19.2 | 52.6 | 48.0 - 57.1 | 1,473 |
| Central Kalimantan | 24.5 | 20.8 - 28.6 | 21.8 | 18.2 - 26.0 | 53.7 | 48.4 - 58.8 | 1,305 |
| South Kalimantan | 39.2 | 33.8 - 45.0 | 40.1 | 34.8 - 45.7 | 20.7 | 16.0 - 26.2 | 836 |
| East Kalimantan | 47.9 | 42.7 - 53.1 | 26.0 | 22.1 - 30.3 | 26.1 | 21.8 - 30.9 | 1,244 |
| North Kalimantan | 42.5 | 34.0 - 51.5 | 25.8 | 20.2 - 32.2 | 31.7 | 24.2 - 40.2 | 189 |
| North Sulawesi | 44.7 | 39.6 - 50.0 | 28.0 | 23.2 - 33.4 | 27.2 | 22.6 - 32.4 | 987 |
| Central Sulawesi | 47.7 | 39.4 - 56.0 | 20.4 | 15.9 - 25.8 | 31.9 | 24.9 - 39.9 | 351 |
| South Sulawesi | 39.3 | 34.0 - 44.8 | 31.9 | 27.4 - 36.8 | 28.8 | 24.3 - 33.8 | 1,740 |
| Southeast Sulawesi | 44.9 | 37.5 - 52.6 | 25.8 | 20.7 - 31.7 | 29.2 | 23.6 - 35.5 | 626 |
| Gorontalo | 57.2 | 50.3 - 63.9 | 20.2 | 14.6 - 27.2 | 22.6 | 18.2 - 27.7 | 197 |
| West Sulawesi | 36.2 | 24.4 - 50.0 | 19.8 | 10.4 - 34.4 | 44.0 | 31.1 - 57.7 | 169 |
| Maluku | 43.4 | 34.5 - 52.6 | 21.1 | 15.6 - 27.8 | 35.6 | 28.0 - 43.9 | 351 |
| North Maluku | 44.3 | 37.8 - 50.9 | 11.2 | 7.4 - 16.6 | 44.6 | 37.9 - 51.5 | 226 |
| West Papua | 30.7 | 23.2 - 39.4 | 19.4 | 13.8 - 26.5 | 50.0 | 39.1 - 60.8 | 165 |
| Southwest Papua | 50.1 | 39.2 - 60.9 | 39.1 | 28.2 - 51.2 | 10.8 | 7.0 - 16.4 | 94 |
| Papua | 47.9 | 40.7 - 55.2 | 24.9 | 19.4 - 31.3 | 27.2 | 22.7 - 32.3 | 590 |
| South Papua | 48.8 | 37.8 - 60.1 | 22.8 | 15.3 - 32.6 | 28.4 | 20.7 - 37.6 | 95 |
| Central Papua | 46.1 | 26.1 - 67.5 | 15.8 | 8.8 - 26.7 | 38.1 | 22.7 - 56.4 | 187 |
| Highland Papua | 4.4 | 1.6 - 12.0 | 21.7 | 12.3 - 35.3 | 73.9 | 61.9 - 83.2 | 280 |
| INDONESIA | 44.1 | 43.2 - 45.0 | 29.6 | 28.8 - 30.4 | 26.3 | 25.5 - 27.1 | 83,877 |

Table 3.12 Proportion of Households' Awareness on the Level of Accessibility to Health Laboratory by Characteristic, 2023 SKI

| Characteristic | Access to Health Laboratory | | | | | | Weighted N |
|------------------------|-----------------------------|-------------|-----------|-------------|----------------|-------------|------------|
| | Easy | | Difficult | | Very Difficult | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Residence | | | | | | | |
| Urban | 53.5 | 52.4 - 54.5 | 30.2 | 29.3 - 31.0 | 16.4 | 15.7 - 17.1 | 59,764 |
| Rural | 21.0 | 19.5 - 22.6 | 28.2 | 26.6 - 30.0 | 50.8 | 48.8 - 52.7 | 24,113 |
| Economic Status | | | | | | | |
| Lowest | 25.6 | 23.5 - 27.7 | 24.9 | 23.0 - 27.0 | 49.5 | 47.0 - 52.0 | 7,153 |
| Lower middle | 34.7 | 33.1 - 36.4 | 28.9 | 27.2 - 30.5 | 36.4 | 34.7 - 38.2 | 11,202 |
| Middle | 40.6 | 39.1 - 42.1 | 28.9 | 27.5 - 30.3 | 30.6 | 29.2 - 32.0 | 15,337 |
| Upper middle | 46.0 | 44.6 - 47.4 | 30.1 | 28.8 - 31.4 | 23.9 | 22.8 - 25.1 | 20,493 |
| Highest | 52.7 | 51.5 - 53.9 | 31.1 | 30.0 - 32.2 | 16.2 | 15.4 - 17.0 | 29,683 |

Table 3.13 Proportion of Households' Awareness on the Existence of Hospital by Province, 2023 SKI

| Province | Existence of Hospital | | | | |
|-------------------------|-----------------------|------------------------------|------------|------------|----------------|
| | In the District/City | In the Nearest District/City | None | Unaware | Weighted N |
| | | | % | % | |
| Aceh | 84.4 | 11.8 | 2.5 | 1.3 | 5,756 |
| North Sumatra | 78.6 | 8.9 | 7.7 | 4.8 | 15,886 |
| West Sumatra | 79.7 | 11.8 | 5.8 | 2.6 | 6,043 |
| Riau | 82.0 | 9.0 | 6.7 | 2.2 | 7,052 |
| Jambi | 78.3 | 12.7 | 4.5 | 4.4 | 4,051 |
| South Sumatra | 77.2 | 14.1 | 3.9 | 4.8 | 9,402 |
| Bengkulu | 83.5 | 8.4 | 5.7 | 2.4 | 2,323 |
| Lampung | 78.0 | 12.0 | 4.5 | 5.6 | 10,424 |
| Bangka Belitung Islands | 84.7 | 10.0 | 3.5 | 1.7 | 1,708 |
| Riau Islands | 84.1 | 13.0 | 1.1 | 1.8 | 2,514 |
| DKI Jakarta | 91.6 | 3.6 | 0.9 | 3.9 | 12,318 |
| West Java | 85.2 | 7.6 | 1.7 | 5.5 | 58,514 |
| Central Java | 88.8 | 6.7 | 1.0 | 3.5 | 44,459 |
| DI Yogyakarta | 92.4 | 5.6 | 0.3 | 1.6 | 4,957 |
| East Java | 89.0 | 4.9 | 1.5 | 4.6 | 50,591 |
| Banten | 82.6 | 9.1 | 2.6 | 5.7 | 13,333 |
| Bali | 88.2 | 9.5 | 0.8 | 1.5 | 5,149 |
| West Nusa Tenggara | 84.9 | 6.2 | 3.0 | 5.9 | 6,849 |
| East Nusa Tenggara | 73.0 | 13.1 | 7.8 | 6.1 | 5,335 |
| West Kalimantan | 77.3 | 13.2 | 6.3 | 3.2 | 5,784 |
| Central Kalimantan | 74.5 | 13.0 | 9.0 | 3.4 | 3,178 |
| South Kalimantan | 84.7 | 9.4 | 1.6 | 4.3 | 5,023 |
| East Kalimantan | 81.7 | 10.5 | 4.4 | 3.4 | 4,320 |
| North Kalimantan | 84.8 | 5.1 | 9.3 | 0.9 | 729 |
| North Sulawesi | 78.4 | 11.2 | 7.0 | 3.5 | 3,031 |
| Central Sulawesi | 68.3 | 11.0 | 15.0 | 5.7 | 3,216 |
| South Sulawesi | 80.0 | 11.6 | 3.2 | 5.2 | 9,484 |
| Southeast Sulawesi | 71.9 | 10.4 | 10.3 | 7.4 | 2,733 |
| Gorontalo | 83.5 | 8.4 | 2.7 | 5.4 | 1,260 |
| West Sulawesi | 76.2 | 6.0 | 9.6 | 8.2 | 1,467 |
| Maluku | 57.2 | 12.7 | 23.4 | 6.7 | 1,753 |
| North Maluku | 58.2 | 17.8 | 18.2 | 5.8 | 1,222 |
| West Papua | 69.8 | 8.5 | 12.7 | 9.0 | 563 |
| Southwest Papua | 66.2 | 8.7 | 15.5 | 9.7 | 599 |
| Papua | 77.1 | 12.2 | 8.8 | 2.0 | 1,029 |
| South Papua | 66.1 | 15.9 | 7.3 | 10.8 | 546 |
| Central Papua | 71.2 | 11.5 | 15.6 | 1.8 | 1,528 |
| Highland Papua | 48.6 | 26.6 | 19.5 | 5.2 | 1,516 |
| INDONESIA | 83.8 | 8.4 | 3.4 | 4.5 | 315,646 |

Table 3.14 Proportion of Households' Awareness on the Existence of Hospital by Characteristic, 2023 SKI

| Characteristic | Existence of Hospital | | | | Weighted N |
|------------------------|-----------------------|------------------------------|------|---------|------------|
| | In the District/City | In the Nearest District/City | None | Unaware | |
| | % | % | % | % | |
| Residence | | | | | |
| Urban | 89.0 | 5.9 | 1.8 | 3.3 | 183,418 |
| Rural | 76.5 | 11.8 | 5.6 | 6.1 | 132,228 |
| Economic Status | | | | | |
| Lowest | 73.7 | 10.8 | 6.2 | 9.3 | 50,291 |
| Lower middle | 81.3 | 9.0 | 4.0 | 5.7 | 59,016 |
| Middle | 84.3 | 8.6 | 3.3 | 3.9 | 65,697 |
| Upper middle | 86.1 | 8.0 | 2.8 | 3.1 | 71,513 |
| Highest | 90.5 | 6.1 | 1.5 | 1.8 | 69,104 |

Table 3.15 Proportion of Households' Awareness on the Level of Accessibility to Hospital by Province, 2023 SKI

| Province | Access to Hospital | | | | | | Weighted N | |
|-------------------------|--------------------|--------------------|-------------|--------------------|----------------|--------------------|----------------|--|
| | Easy | | Difficult | | Very Difficult | | | |
| | % | 95 % CI | % | 95 % CI | % | 95 % CI | | |
| Aceh | 29.8 | 27.9 - 31.8 | 44.0 | 41.6 - 46.4 | 26.1 | 23.9 - 28.5 | 5,446 | |
| North Sumatra | 35.2 | 32.5 - 38.0 | 37.0 | 34.6 - 39.5 | 27.8 | 25.8 - 29.9 | 13,683 | |
| West Sumatra | 33.1 | 30.4 - 35.9 | 42.7 | 39.7 - 45.7 | 24.2 | 21.9 - 26.8 | 5,440 | |
| Riau | 29.3 | 26.9 - 31.9 | 37.1 | 34.1 - 40.1 | 33.6 | 30.8 - 36.6 | 6,313 | |
| Jambi | 24.8 | 22.5 - 27.3 | 34.8 | 31.8 - 37.9 | 40.4 | 37.4 - 43.5 | 3,629 | |
| South Sumatra | 27.2 | 25.2 - 29.4 | 38.1 | 35.6 - 40.6 | 34.7 | 32.5 - 37.0 | 8,437 | |
| Bengkulu | 31.4 | 28.7 - 34.3 | 44.6 | 41.0 - 48.2 | 24.0 | 21.1 - 27.2 | 2,101 | |
| Lampung | 23.0 | 20.7 - 25.5 | 48.0 | 44.8 - 51.3 | 29.0 | 26.1 - 32.1 | 9,223 | |
| Bangka Belitung Islands | 45.4 | 41.9 - 49.0 | 38.7 | 35.2 - 42.2 | 15.9 | 13.6 - 18.5 | 1,591 | |
| Riau Islands | 63.3 | 58.1 - 68.3 | 24.0 | 19.5 - 29.2 | 12.7 | 11.1 - 14.4 | 2,402 | |
| DKI Jakarta | 67.0 | 63.7 - 70.2 | 25.9 | 22.7 - 29.4 | 7.0 | 5.8 - 8.5 | 11,532 | |
| West Java | 38.1 | 36.5 - 39.7 | 40.8 | 39.3 - 42.4 | 21.1 | 19.8 - 22.4 | 53,401 | |
| Central Java | 37.4 | 36.0 - 38.8 | 49.4 | 47.9 - 50.8 | 13.2 | 12.2 - 14.4 | 41,756 | |
| DI Yogyakarta | 67.5 | 64.6 - 70.3 | 28.9 | 26.3 - 31.7 | 3.6 | 2.7 - 4.7 | 4,782 | |
| East Java | 36.8 | 35.3 - 38.3 | 45.6 | 43.9 - 47.2 | 17.7 | 16.4 - 19.0 | 46,703 | |
| Banten | 41.7 | 38.5 - 44.9 | 33.5 | 30.6 - 36.5 | 24.8 | 22.8 - 27.0 | 12,022 | |
| Bali | 50.3 | 46.9 - 53.6 | 39.8 | 36.6 - 43.1 | 9.9 | 8.1 - 12.1 | 4,945 | |
| West Nusa Tenggara | 32.3 | 29.2 - 35.6 | 41.5 | 37.5 - 45.5 | 26.2 | 22.7 - 30.1 | 6,135 | |
| East Nusa Tenggara | 28.5 | 26.9 - 30.3 | 24.7 | 22.9 - 26.6 | 46.8 | 44.7 - 48.8 | 4,518 | |
| West Kalimantan | 25.6 | 23.2 - 28.2 | 27.7 | 25.1 - 30.5 | 46.6 | 43.9 - 49.4 | 5,148 | |
| Central Kalimantan | 20.5 | 17.6 - 23.8 | 29.4 | 26.2 - 32.7 | 50.1 | 46.3 - 53.9 | 2,736 | |
| South Kalimantan | 35.4 | 32.8 - 38.0 | 42.4 | 39.6 - 45.1 | 22.3 | 20.1 - 24.6 | 4,647 | |
| East Kalimantan | 37.2 | 34.1 - 40.5 | 35.3 | 31.9 - 38.8 | 27.5 | 24.5 - 30.7 | 3,917 | |
| North Kalimantan | 40.7 | 36.1 - 45.4 | 35.1 | 30.0 - 40.6 | 24.2 | 20.1 - 28.8 | 645 | |
| North Sulawesi | 48.6 | 44.5 - 52.8 | 33.5 | 29.2 - 38.2 | 17.9 | 16.0 - 19.9 | 2,670 | |
| Central Sulawesi | 29.8 | 26.8 - 33.0 | 30.0 | 27.2 - 32.9 | 40.3 | 37.0 - 43.6 | 2,510 | |
| South Sulawesi | 31.5 | 29.4 - 33.7 | 46.8 | 44.5 - 49.1 | 21.7 | 20.0 - 23.5 | 8,545 | |
| Southeast Sulawesi | 32.4 | 27.4 - 37.7 | 38.0 | 34.2 - 41.9 | 29.6 | 26.7 - 32.7 | 2,213 | |
| Gorontalo | 37.6 | 33.6 - 41.9 | 31.6 | 27.9 - 35.6 | 30.7 | 27.1 - 34.7 | 1,139 | |
| West Sulawesi | 21.9 | 18.5 - 25.7 | 31.6 | 26.8 - 36.9 | 46.5 | 41.2 - 51.9 | 1,187 | |
| Maluku | 31.3 | 27.1 - 35.8 | 25.3 | 21.8 - 29.3 | 43.4 | 39.8 - 47.1 | 1,204 | |
| North Maluku | 26.9 | 24.1 - 29.9 | 26.3 | 22.9 - 29.9 | 46.8 | 42.9 - 50.8 | 913 | |
| West Papua | 27.5 | 22.8 - 32.8 | 28.9 | 23.8 - 34.6 | 43.6 | 37.1 - 50.3 | 434 | |
| Southwest Papua | 42.2 | 37.2 - 47.3 | 26.2 | 21.8 - 31.2 | 31.6 | 27.6 - 35.9 | 441 | |
| Papua | 48.7 | 43.6 - 53.9 | 21.8 | 18.4 - 25.6 | 29.5 | 25.2 - 34.2 | 904 | |
| South Papua | 26.3 | 21.4 - 31.9 | 21.3 | 16.8 - 26.8 | 52.4 | 46.6 - 58.1 | 440 | |
| Central Papua | 25.2 | 18.5 - 33.2 | 29.0 | 22.8 - 36.1 | 45.8 | 37.8 - 54.1 | 1,243 | |
| Highland Papua | 16.9 | 11.3 - 24.5 | 21.0 | 13.5 - 31.0 | 62.2 | 52.9 - 70.6 | 1,122 | |
| INDONESIA | 37.2 | 36.7 - 37.8 | 40.4 | 39.8 - 41.0 | 22.4 | 21.9 - 22.8 | 286,114 | |

Table 3.16 Proportion of Households' Awareness on the Level of Accessibility to Hospital by Characteristic, 2023 SKI

| Characteristic | Access to Hospital | | | | | | Weighted N |
|------------------------|--------------------|-------------|-----------|-------------|----------------|-------------|------------|
| | Easy | | Difficult | | Very Difficult | | |
| % | 95% CI | % | 95% CI | % | 95% CI | | |
| Residence | | | | | | | |
| Urban | 53.8 | 53.1 - 54.6 | 34.3 | 33.6 - 34.9 | 11.9 | 11.5 - 12.3 | 171,242 |
| Rural | 12.5 | 11.8 - 13.2 | 49.5 | 48.6 - 50.5 | 38.0 | 37.1 - 38.9 | 114,872 |
| Economic Status | | | | | | | |
| Lowest | 17.0 | 16.3 - 17.7 | 42.4 | 41.4 - 43.4 | 40.6 | 39.6 - 41.6 | 41,780 |
| Lower middle | 26.4 | 25.7 - 27.2 | 44.8 | 43.9 - 45.7 | 28.8 | 27.9 - 29.6 | 52,424 |
| Middle | 33.0 | 32.2 - 33.8 | 43.6 | 42.8 - 44.5 | 23.3 | 22.6 - 24.1 | 59,992 |
| Upper middle | 42.1 | 41.2 - 43.0 | 40.3 | 39.5 - 41.2 | 17.6 | 17.0 - 18.2 | 66,218 |
| Highest | 57.7 | 56.8 - 58.6 | 32.7 | 31.9 - 33.6 | 9.6 | 9.1 - 10.0 | 65,682 |

3.2. HOUSEHOLDS' AWARENESS ON THE AVAILABILITY OF SPECIAL FACILITIES/SERVICES FOR PERSONS WITH DISABILITIES IN HEALTHCARE FACILITIES

This question aims to obtain information regarding households' awareness on the availability of special facilities/services for persons with disabilities. The proportion calculation of each type of healthcare facility that has facilities/services for persons with disabilities is as follows:

$$= \frac{\text{Number of healthcare facilities with special facilities/services for persons with disabilities}}{\text{Number of household aware of the existence of healthcare in the district/city and in the nearest district/city}} \times 100\%$$

Table 3.17 Proportion of Households' Awareness on the Availability of Special Facilities/Services for Persons with Disabilities in Healthcare Facilities by Province, 2023 SKI

| Province | Facilities/Services for Persons with Disabilities Available | | | | | | | |
|-------------------------|---|----------------|--|----------------|-------------|-------------------|--------------|----------------|
| | Puskesmas | Weighted N | Independent Health Professional Clinics/Pactices | | Weighted N | Health Laboratory | N Weighted N | Hospital |
| | | | % | % | | | | |
| Aceh | 78.1 | 5,749 | 48.1 | 4,653 | 64.8 | 1,383 | 85.9 | 5,446 |
| North Sumatra | 69.6 | 15,599 | 40.8 | 13,087 | 39.8 | 3,523 | 79.1 | 13,683 |
| West Sumatra | 78.7 | 5,999 | 39.6 | 4,883 | 61.1 | 1,456 | 87.4 | 5,440 |
| Riau | 77.9 | 6,985 | 50.7 | 6,124 | 52.2 | 2,031 | 85.6 | 6,313 |
| Jambi | 79.2 | 4,042 | 36.5 | 3,440 | 46.2 | 1,222 | 84.0 | 3,629 |
| South Sumatra | 77.1 | 9,259 | 40.0 | 7,928 | 57.4 | 1,495 | 83.1 | 8,437 |
| Bengkulu | 76.5 | 2,287 | 46.3 | 1,950 | 73.5 | 524 | 87.5 | 2,101 |
| Lampung | 76.4 | 10,258 | 52.0 | 9,044 | 73.0 | 2,391 | 81.1 | 9,223 |
| Bangka Belitung Islands | 89.5 | 1,695 | 50.4 | 1,409 | 73.9 | 380 | 93.8 | 1,591 |
| Riau Islands | 86.4 | 2,437 | 54.5 | 2,079 | 55.7 | 820 | 94.4 | 2,402 |
| DKI Jakarta | 84.9 | 12,093 | 54.7 | 9,900 | 57.2 | 3,477 | 93.5 | 11,532 |
| West Java | 75.9 | 57,448 | 57.4 | 49,204 | 66.0 | 15,884 | 86.8 | 53,401 |
| Central Java | 83.4 | 44,011 | 43.1 | 37,612 | 57.8 | 10,098 | 91.2 | 41,756 |
| DI Yogyakarta | 86.7 | 4,925 | 63.4 | 4,022 | 71.5 | 1,647 | 94.2 | 4,782 |
| East Java | 78.3 | 50,061 | 37.7 | 42,384 | 55.6 | 19,218 | 84.3 | 46,703 |
| Banten | 81.2 | 13,202 | 52.7 | 11,588 | 56.1 | 3,046 | 89.2 | 12,022 |
| Bali | 79.6 | 5,135 | 44.8 | 4,360 | 60.4 | 1,736 | 89.9 | 4,945 |
| West Nusa Tenggara | 81.4 | 6,768 | 38.7 | 4,608 | 38.4 | 1,052 | 83.8 | 6,135 |
| East Nusa Tenggara | 63.4 | 5,297 | 42.3 | 2,613 | 38.6 | 1,389 | 74.3 | 4,518 |
| West Kalimantan | 82.0 | 5,737 | 38.3 | 4,408 | 60.7 | 1,473 | 83.9 | 5,148 |
| Central Kalimantan | 69.7 | 3,107 | 35.4 | 2,174 | 46.3 | 1,305 | 80.4 | 2,736 |
| South Kalimantan | 76.1 | 4,979 | 39.2 | 3,614 | 50.2 | 836 | 83.9 | 4,647 |
| East Kalimantan | 79.8 | 4,270 | 56.9 | 3,428 | 61.6 | 1,244 | 87.7 | 3,917 |
| North Kalimantan | 83.0 | 725 | 57.2 | 524 | 48.9 | 189 | 88.9 | 645 |
| North Sulawesi | 78.3 | 2,971 | 39.8 | 2,123 | 57.2 | 987 | 88.8 | 2,670 |
| Central Sulawesi | 71.0 | 3,149 | 37.6 | 1,311 | 48.0 | 351 | 80.7 | 2,510 |
| South Sulawesi | 80.3 | 9,346 | 54.6 | 5,966 | 70.6 | 1,740 | 86.2 | 8,545 |
| Southeast Sulawesi | 73.2 | 2,707 | 51.1 | 1,357 | 61.4 | 626 | 76.9 | 2,213 |
| Gorontalo | 77.9 | 1,255 | 37.7 | 831 | 58.8 | 197 | 85.6 | 1,139 |
| West Sulawesi | 73.3 | 1,461 | 33.3 | 763 | 16.5 | 169 | 75.6 | 1,187 |
| Maluku | 64.0 | 1,724 | 37.8 | 734 | 39.1 | 351 | 74.2 | 1,204 |
| North Maluku | 70.5 | 1,167 | 44.4 | 439 | 57.5 | 226 | 80.3 | 913 |
| West Papua | 56.5 | 552 | 32.9 | 298 | 40.1 | 165 | 72.6 | 434 |
| Southwest Papua | 69.5 | 577 | 40.6 | 235 | 38.0 | 94 | 82.5 | 441 |
| Papua | 63.6 | 1,019 | 39.0 | 729 | 36.7 | 590 | 83.3 | 904 |
| South Papua | 61.3 | 530 | 46.1 | 213 | 45.8 | 95 | 72.4 | 440 |
| Central Papua | 31.9 | 1,502 | 39.9 | 499 | 30.9 | 187 | 51.9 | 1,243 |
| Highland Papua | 30.0 | 1,462 | 40.0 | 383 | 29.4 | 280 | 39.3 | 1,122 |
| INDONESIA | 77.7 | 311,492 | 46.7 | 250,921 | 57.7 | 83,877 | 85.9 | 286,114 |

Table 3.18 Proportion of Households' Awareness on the Availability of Special Facilities/Services for Persons with Disabilities in Healthcare Facilities by Characteristic, 2023 SKI

| Characteristic | Puskesmas | Weighted N | Independent Health Professional Clinics/Practices | Weighted N | Health Laboratory | Weighted N | Hospital | Weighted N |
|------------------------|-----------|------------|---|------------|-------------------|------------|----------|------------|
| | % | | % | | % | | % | |
| Residence | | | | | | | | |
| Urban | 79.4 | 180,982 | 52.3 | 151,026 | 59.2 | 59,764 | 88.5 | 171,242 |
| Rural | 75.3 | 130,510 | 38.4 | 99,895 | 54.2 | 24,113 | 82.1 | 114,872 |
| Economic Status | | | | | | | | |
| Lowest | 69.6 | 49,168 | 36.5 | 34,118 | 53.5 | 7,153 | 76.7 | 41,780 |
| Lower middle | 75.1 | 58,242 | 39.3 | 45,505 | 54.3 | 11,202 | 82.8 | 52,424 |
| Middle | 78.6 | 65,157 | 43.8 | 53,212 | 54.3 | 15,337 | 85.8 | 59,992 |
| Upper middle | 80.3 | 70,892 | 49.6 | 59,216 | 58.0 | 20,493 | 88.2 | 66,218 |
| Highest | 82.2 | 68,010 | 58.2 | 58,859 | 61.7 | 29,683 | 92.0 | 65,682 |

3.3. HEALTHCARE FACILITIES MOST FREQUENTLY UTILIZED BY HOUSEHOLDS IN THE LAST YEAR

This question aims to determine which healthcare facilities were most frequently accessed by households in the past year. The proportion of each type of healthcare facility most frequently utilized by households in the past year is calculated as follows:

$$\frac{\text{Number of each type of healthcare facilities most frequently utilized in the last year}}{\text{Number of interviewed households}} \times 100 \%$$

Table 3.19 Proportion of the Types of Healthcare Facilities Most Frequently Utilized in the Past Year by Province, 2023 SKI

| Province | Type of Healthcare Facility | | | | Weighted N |
|-------------------------|-----------------------------|-------------------------------|------------|-------------|----------------|
| | Puskesmas | Independent Clinics/Practices | Hospital | None | |
| | % | % | % | % | |
| Aceh | 63.3 | 29.3 | 4.0 | 3.4 | 5,756 |
| North Sumatra | 38.2 | 44.4 | 5.1 | 12.3 | 15,886 |
| West Sumatra | 49.6 | 39.0 | 6.2 | 5.1 | 6,043 |
| Riau | 34.9 | 49.5 | 7.0 | 8.6 | 7,052 |
| Jambi | 53.3 | 38.5 | 3.2 | 5.1 | 4,051 |
| South Sumatra | 40.6 | 47.9 | 5.7 | 5.8 | 9,402 |
| Bengkulu | 46.4 | 42.7 | 4.1 | 6.9 | 2,323 |
| Lampung | 37.4 | 52.7 | 3.8 | 6.2 | 10,424 |
| Bangka Belitung Islands | 39.5 | 38.6 | 7.9 | 14.0 | 1,708 |
| Riau Islands | 33.5 | 46.1 | 9.5 | 11.0 | 2,514 |
| DKI Jakarta | 46.7 | 27.6 | 15.4 | 10.3 | 12,318 |
| West Java | 37.6 | 46.8 | 8.2 | 7.4 | 58,514 |
| Central Java | 38.3 | 44.5 | 7.3 | 9.9 | 44,459 |
| DI Yogyakarta | 40.1 | 35.0 | 15.8 | 9.1 | 4,957 |
| East Java | 32.4 | 46.4 | 7.2 | 14.0 | 50,591 |
| Banten | 37.6 | 48.0 | 8.3 | 6.1 | 13,333 |
| Bali | 43.4 | 43.2 | 9.4 | 4.0 | 5,149 |
| West Nusa Tenggara | 60.4 | 22.1 | 4.4 | 13.1 | 6,849 |
| East Nusa Tenggara | 72.7 | 10.2 | 5.2 | 11.9 | 5,335 |
| West Kalimantan | 53.1 | 35.8 | 3.8 | 7.3 | 5,784 |
| Central Kalimantan | 54.0 | 26.3 | 4.0 | 15.7 | 3,178 |
| South Kalimantan | 52.1 | 25.5 | 5.5 | 16.9 | 5,023 |
| East Kalimantan | 52.7 | 29.9 | 9.8 | 7.6 | 4,320 |
| North Kalimantan | 53.7 | 23.3 | 7.3 | 15.7 | 729 |
| North Sulawesi | 64.3 | 19.5 | 7.6 | 8.6 | 3,031 |
| Central Sulawesi | 62.0 | 11.7 | 4.5 | 21.7 | 3,216 |
| South Sulawesi | 67.4 | 16.7 | 5.1 | 10.8 | 9,484 |
| Southeast Sulawesi | 68.9 | 8.7 | 5.6 | 16.7 | 2,733 |
| Gorontalo | 60.3 | 29.6 | 3.2 | 6.9 | 1,260 |
| West Sulawesi | 69.5 | 10.0 | 3.0 | 17.6 | 1,467 |
| Maluku | 61.8 | 10.8 | 3.5 | 23.9 | 1,753 |
| North Maluku | 67.9 | 6.7 | 3.9 | 21.5 | 1,222 |
| West Papua | 72.9 | 9.7 | 4.3 | 13.1 | 563 |
| Southwest Papua | 77.8 | 10.7 | 4.7 | 6.8 | 599 |
| Papua | 70.9 | 16.4 | 9.0 | 3.8 | 1,029 |
| South Papua | 75.4 | 12.7 | 5.2 | 6.6 | 546 |
| Central Papua | 70.9 | 9.0 | 8.1 | 12.0 | 1,528 |
| Highland Papua | 81.4 | 2.3 | 5.1 | 11.2 | 1,516 |
| INDONESIA | 43.2 | 39.6 | 7.2 | 10.0 | 315,646 |

Table 3.20 Proportion of the Types of Healthcare Facilities Most Frequently Utilized in the Past Year by Characteristic, 2023 SKI

| Characteristic | Puskesmas | Independent Clinics/ Practices | Hospital | None | Weighted N |
|------------------------|-----------|-----------------------------------|----------|------|------------|
| | % | % | % | % | |
| Residence | | | | | |
| Urban | 41.4 | 39.3 | 10.0 | 9.4 | 183,418 |
| Rural | 45.8 | 40.2 | 3.3 | 10.7 | 132,228 |
| Economic Status | | | | | |
| Lowest | 50.7 | 32.4 | 2.7 | 14.2 | 50,291 |
| Lower middle | 47.9 | 37.3 | 3.7 | 11.1 | 59,016 |
| Middle | 46.1 | 39.4 | 4.7 | 9.9 | 65,697 |
| Upper middle | 43.6 | 41.3 | 6.8 | 8.3 | 71,513 |
| Highest | 30.6 | 45.5 | 16.3 | 7.6 | 69,104 |

3.4. HOUSEHOLD PERCEPTIONS OF THE MOST FREQUENTLY ACCESSED HEALTHCARE FACILITY SERVICES

This question aims to examine households' perceptions of the quality of services provided by healthcare facilities (*puskesmas*, independent health professional clinics/practices, and hospitals). The dimensions of healthcare service quality refer to the seven dimensions used by WHO and other international organizations: effectiveness, safety, patient-centeredness, timeliness, efficiency, fairness, and integration. Household perceptions of services are assessed based on several variables: ease of access, comprehensive facilities, low/free service costs, communicative health workers, comfortable rooms, quick/precise/accurate services, and services meeting expectations.

The proportion of household assessments of the healthcare services most frequently utilized in the last year is detailed for each service assessment variable according to household perceptions, with the calculation as follows:

- a. Proportion of household assessments on the reason for utilizing health service facilities most frequently because of easy access:

$$= \frac{\text{Number of households stating the most frequent reason for using health service facilities is because of easy access}}{\text{Number of households most frequently visiting health service facilities in the past year}} \times 100 \%$$

- b. Proportion of household assessments on the reason for utilizing health service facilities most frequently because of comprehensive facilities:

$$= \frac{\text{Number of households stating the most frequent reason for using health service facilities is because of comprehensive facilities}}{\text{Number of households most frequently visiting health service facilities in the past year}} \times 100 \%$$

- c. Proportion of household assessments on the reason for utilizing health service facilities most frequently because of low/free service costs:

$$= \frac{\text{Number of households stating the most frequent reason for using health service facilities is because of low/free service costs}}{\text{Number of households most frequently visiting health service facilities in the past year}} \times 100 \%$$

- d. Proportion of household assessments on the reason for utilizing health service facilities most frequently because of communicative health workers:

$$= \frac{\text{Number of households stating the most frequent reason for using health service facilities is because of communicative health workers}}{\text{Number of households most frequently visiting health service facilities in the past year}} \times 100 \%$$

- e. Proportion of household assessments on the reason for utilizing health service facilities most frequently because of comfortable rooms:

$$= \frac{\text{Number of households stating the most frequent reason for using health service facilities is because of comfortable rooms}}{\text{Number of households most frequently visiting health service facilities in the past year}} \times 100 \%$$

- f. Proportion of household assessments on the reason for utilizing health service facilities most frequently because of quick/precise/accurate services:

$$= \frac{\text{Number of households stating the most frequent reason for using health service facilities is because of quick/precise/accurate services}}{\text{Number of households most frequently visiting health service facilities in the past year}} \times 100 \%$$

- g. Proportion of household assessments on the reason for utilizing health service facilities most frequently because of services meeting expectations:

$$= \frac{\text{Number of households stating the most frequent reason for using health service facilities is because of the services meeting expectations}}{\text{Number of households most frequently visiting health service facilities in the past year}} \times 100 \%$$

Table 3.21 Proportion of Household Assessments of the Services of *Puskesmas* and Their Network Accessed in the Past Year by Province, 2023 SKI

| Province | Easy Access | Comprehensive Facilities | Low/Free Service Costs | Communicative Health Workers | Comfortable Rooms | Quick/Precise/Accurate Services | Services Meeting Expectations | Weighted N |
|-------------------------|-------------|--------------------------|------------------------|------------------------------|-------------------|---------------------------------|-------------------------------|----------------|
| | % | % | % | % | % | % | % | |
| Aceh | 98.0 | 79.4 | 97.0 | 88.6 | 86.3 | 81.2 | 82.2 | 4,422 |
| North Sumatra | 95.6 | 75.3 | 90.8 | 78.5 | 76.0 | 73.2 | 74.9 | 7,354 |
| West Sumatra | 97.9 | 82.3 | 92.8 | 87.2 | 86.0 | 83.7 | 83.8 | 3,636 |
| Riau | 96.1 | 81.1 | 92.7 | 87.0 | 85.0 | 78.8 | 82.1 | 2,985 |
| Jambi | 97.9 | 84.6 | 94.2 | 89.1 | 86.1 | 83.3 | 84.3 | 2,620 |
| South Sumatra | 97.3 | 87.5 | 92.0 | 87.2 | 86.9 | 85.2 | 85.3 | 4,635 |
| Bengkulu | 96.9 | 72.7 | 89.3 | 78.5 | 76.0 | 74.9 | 77.2 | 1,306 |
| Lampung | 96.8 | 81.4 | 92.6 | 81.3 | 78.7 | 77.8 | 78.1 | 4,725 |
| Bangka Belitung Islands | 94.7 | 81.6 | 91.2 | 79.4 | 79.5 | 76.7 | 78.5 | 817 |
| Riau Islands | 96.4 | 77.8 | 94.5 | 81.7 | 83.7 | 79.8 | 81.9 | 1,022 |
| DKI Jakarta | 97.3 | 83.1 | 95.8 | 85.6 | 84.0 | 76.4 | 78.7 | 6,980 |
| West Java | 97.6 | 85.0 | 94.8 | 86.2 | 86.0 | 81.1 | 83.5 | 26,693 |
| Central Java | 97.4 | 85.6 | 94.8 | 87.1 | 85.9 | 82.9 | 85.8 | 20,649 |
| DI Yogyakarta | 98.1 | 89.7 | 95.6 | 91.5 | 91.0 | 83.9 | 90.3 | 2,409 |
| East Java | 96.4 | 82.2 | 92.3 | 83.2 | 80.4 | 79.4 | 82.3 | 19,871 |
| Banten | 97.0 | 87.7 | 95.3 | 87.8 | 87.1 | 83.7 | 85.4 | 6,085 |
| Bali | 98.4 | 83.2 | 93.6 | 85.2 | 81.4 | 80.6 | 82.2 | 2,712 |
| West Nusa Tenggara | 96.2 | 82.1 | 91.4 | 81.3 | 78.6 | 75.8 | 79.0 | 5,014 |
| East Nusa Tenggara | 91.2 | 75.2 | 90.1 | 87.5 | 85.0 | 84.0 | 83.8 | 4,707 |
| West Kalimantan | 94.8 | 69.4 | 89.3 | 76.0 | 71.4 | 69.0 | 72.1 | 3,728 |
| Central Kalimantan | 96.5 | 74.1 | 89.6 | 83.5 | 77.8 | 77.1 | 77.5 | 2,081 |
| South Kalimantan | 97.0 | 78.5 | 89.2 | 78.7 | 73.7 | 73.2 | 75.1 | 3,175 |
| East Kalimantan | 97.0 | 82.0 | 93.1 | 86.6 | 84.3 | 79.2 | 81.8 | 2,763 |
| North Kalimantan | 93.2 | 87.1 | 96.0 | 92.4 | 90.1 | 87.4 | 87.6 | 475 |
| North Sulawesi | 97.8 | 76.1 | 92.4 | 86.3 | 81.7 | 83.8 | 83.4 | 2,364 |
| Central Sulawesi | 96.5 | 74.7 | 87.6 | 75.2 | 76.6 | 74.4 | 74.0 | 2,419 |
| South Sulawesi | 97.4 | 82.6 | 91.8 | 84.0 | 82.3 | 80.0 | 81.0 | 7,748 |
| Southeast Sulawesi | 96.9 | 80.0 | 93.4 | 88.0 | 86.3 | 84.7 | 83.7 | 2,285 |
| Gorontalo | 97.4 | 86.4 | 94.0 | 86.5 | 86.8 | 84.7 | 85.9 | 921 |
| West Sulawesi | 95.6 | 76.5 | 93.8 | 78.5 | 76.8 | 73.3 | 74.9 | 1,237 |
| Maluku | 94.1 | 77.0 | 90.9 | 86.2 | 85.0 | 81.9 | 81.5 | 1,314 |
| North Maluku | 95.9 | 81.0 | 94.8 | 92.0 | 91.3 | 90.5 | 90.4 | 1,007 |
| West Papua | 94.4 | 60.7 | 93.3 | 85.5 | 78.8 | 75.0 | 74.5 | 498 |
| Southwest Papua | 96.5 | 75.4 | 92.6 | 85.2 | 82.5 | 79.4 | 79.2 | 566 |
| Papua | 94.3 | 72.3 | 91.0 | 82.6 | 77.0 | 75.9 | 78.2 | 885 |
| South Papua | 91.0 | 74.7 | 92.6 | 82.7 | 83.8 | 83.3 | 81.7 | 500 |
| Central Papua | 93.2 | 54.0 | 90.0 | 81.4 | 68.0 | 65.1 | 71.1 | 1,315 |
| Highland Papua | 82.3 | 43.4 | 87.0 | 68.2 | 56.9 | 63.3 | 55.8 | 1,497 |
| INDONESIA | 96.6 | 81.4 | 93.1 | 84.6 | 82.7 | 79.7 | 81.6 | 165,422 |

Table 3.22 Proportion of Household Assessments of the Services of *Puskesmas* and Their Network Accessed in the Past Year by Characteristic, 2023 SKI

| Characteristic | Easy Access | Comprehensive Facilities | Low/Free Service Costs | Communicative Health Workers | Comfortable Rooms | Quick/Precise/Accurate Services | Services Meeting Expectations | Weighted N |
|------------------------|-------------|--------------------------|------------------------|------------------------------|-------------------|---------------------------------|-------------------------------|------------|
| | % | % | % | % | % | % | % | |
| Residence | | | | | | | | |
| Urban | 97.8 | 83.8 | 93.9 | 84.9 | 83.8 | 80.0 | 82.5 | 92,024 |
| Rural | 95.1 | 78.5 | 92.0 | 84.3 | 81.3 | 79.4 | 80.6 | 73,398 |
| Economic Status | | | | | | | | |
| Lowest | 93.5 | 76.7 | 91.7 | 83.6 | 80.2 | 78.8 | 80.0 | 30,900 |
| Lower middle | 96.6 | 80.6 | 92.9 | 83.9 | 82.1 | 79.6 | 81.1 | 34,307 |
| Middle | 97.3 | 82.5 | 93.6 | 84.3 | 82.7 | 79.0 | 81.5 | 36,721 |
| Upper middle | 97.7 | 82.8 | 93.6 | 85.0 | 83.8 | 80.0 | 82.6 | 37,824 |
| Highest | 97.6 | 84.8 | 93.4 | 86.9 | 84.8 | 81.8 | 83.2 | 25,646 |

Table 3.23 Proportion of Household Assessments of the Services of Independent Health Professional Clinics/Practices Accessed in the Past Year by Province, 2023 SKI

| Province | Easy Access | Comprehensive Facilities | Low/Free Service Costs | Communicative Health Workers | Comfortable Rooms | Quick/Precise/Accurate Services | Services Meeting Expectations | Weighted N |
|-------------------------|-------------|--------------------------|------------------------|------------------------------|-------------------|---------------------------------|-------------------------------|---------------|
| | % | % | % | % | % | % | % | |
| Aceh | 97.2 | 67.9 | 72.6 | 87.8 | 87.1 | 85.7 | 85.1 | 1,325 |
| North Sumatra | 97.5 | 62.4 | 75.6 | 80.9 | 74.3 | 78.3 | 75.5 | 5,546 |
| West Sumatra | 98.1 | 65.0 | 81.3 | 86.6 | 80.4 | 84.6 | 84.9 | 1,856 |
| Riau | 97.4 | 60.9 | 76.5 | 86.2 | 80.6 | 79.2 | 80.2 | 2,746 |
| Jambi | 98.0 | 55.0 | 81.9 | 89.9 | 79.8 | 82.6 | 80.5 | 1,226 |
| South Sumatra | 98.5 | 70.3 | 79.5 | 89.5 | 85.9 | 87.0 | 86.2 | 3,544 |
| Bengkulu | 97.0 | 55.8 | 65.4 | 76.3 | 72.3 | 73.7 | 76.1 | 781 |
| Lampung | 96.5 | 69.4 | 75.6 | 82.1 | 77.8 | 77.7 | 78.7 | 4,318 |
| Bangka Belitung Islands | 94.1 | 64.2 | 71.8 | 80.2 | 77.8 | 79.0 | 77.4 | 518 |
| Riau Islands | 97.6 | 77.2 | 82.9 | 92.7 | 88.6 | 89.5 | 93.6 | 911 |
| DKI Jakarta | 95.4 | 76.1 | 75.5 | 90.0 | 89.3 | 90.8 | 85.7 | 2,674 |
| West Java | 96.7 | 77.0 | 81.7 | 88.7 | 87.6 | 87.0 | 86.9 | 21,539 |
| Central Java | 97.4 | 71.1 | 81.4 | 87.7 | 84.0 | 85.4 | 86.8 | 15,555 |
| DI Yogyakarta | 98.6 | 78.5 | 86.6 | 94.2 | 92.6 | 92.3 | 94.2 | 1,366 |
| East Java | 95.4 | 61.8 | 75.7 | 82.1 | 74.3 | 77.7 | 81.5 | 18,452 |
| Banten | 97.5 | 75.3 | 80.1 | 86.3 | 86.2 | 86.1 | 84.3 | 5,032 |
| Bali | 97.5 | 73.8 | 78.7 | 89.5 | 87.7 | 90.1 | 90.5 | 1,751 |
| West Nusa Tenggara | 96.1 | 63.8 | 68.5 | 77.8 | 77.6 | 75.5 | 75.5 | 1,192 |
| East Nusa Tenggara | 93.3 | 67.2 | 67.3 | 86.3 | 83.6 | 88.7 | 87.1 | 427 |
| West Kalimantan | 96.8 | 49.1 | 66.7 | 82.2 | 73.0 | 79.6 | 81.3 | 1,627 |
| Central Kalimantan | 96.4 | 60.6 | 76.8 | 85.0 | 74.1 | 78.8 | 80.5 | 657 |
| South Kalimantan | 95.6 | 63.2 | 70.2 | 77.4 | 72.6 | 74.9 | 75.3 | 1,009 |
| East Kalimantan | 97.0 | 79.7 | 76.9 | 85.7 | 84.7 | 82.7 | 83.9 | 1,016 |
| North Kalimantan | 96.1 | 78.6 | 74.1 | 91.5 | 87.7 | 83.5 | 84.2 | 134 |
| North Sulawesi | 94.2 | 60.9 | 70.4 | 83.1 | 80.3 | 82.5 | 80.9 | 466 |
| Central Sulawesi | 94.8 | 64.5 | 70.6 | 76.2 | 74.0 | 75.9 | 71.8 | 297 |
| South Sulawesi | 95.8 | 75.4 | 75.9 | 84.4 | 82.4 | 82.6 | 85.6 | 1,249 |
| Southeast Sulawesi | 94.2 | 73.3 | 67.4 | 84.8 | 85.3 | 85.8 | 90.2 | 187 |
| Gorontalo | 96.0 | 70.4 | 80.8 | 89.3 | 86.7 | 90.7 | 90.4 | 293 |
| West Sulawesi | 94.1 | 62.2 | 78.5 | 84.7 | 81.5 | 81.8 | 82.3 | 115 |
| Maluku | 96.3 | 68.2 | 72.3 | 92.0 | 87.5 | 88.7 | 91.0 | 148 |
| North Maluku | 94.6 | 77.9 | 74.9 | 83.1 | 87.3 | 83.1 | 86.5 | 64 |
| West Papua | 91.5 | 73.9 | 57.9 | 91.2 | 82.1 | 90.9 | 88.3 | 43* |
| Southwest Papua | 92.2 | 73.1 | 67.0 | 83.8 | 79.0 | 82.3 | 82.6 | 51 |
| Papua | 94.1 | 72.1 | 60.3 | 84.9 | 79.9 | 86.7 | 85.9 | 133 |
| South Papua | 96.3 | 70.6 | 69.5 | 84.5 | 82.2 | 82.3 | 80.1 | 55 |
| Central Papua | 88.8 | 82.4 | 55.6 | 87.5 | 82.3 | 87.5 | 86.6 | 109 |
| Highland Papua | 42.3 | 45.1 | 64.0 | 61.4 | 60.0 | 85.5 | 84.8 | 27* |
| INDONESIA | 96.7 | 69.3 | 78.2 | 85.8 | 81.9 | 83.2 | 83.9 | 98,438 |

*Weighted N < 50

Table 3.24 Proportion of Household Assessments of the Services of Independent Health Professional Clinics/Practices Accessed in the Past Year by Characteristic, 2023 SKI

| Characteristic | Easy Access | Comprehensive Facilities | Low/Free Service Costs | Communicative Health Workers | Comfortable Rooms | Quick/Precise/Accurate Services | Services Meeting Expectations | Weighted N |
|------------------------|-------------|--------------------------|------------------------|------------------------------|-------------------|---------------------------------|-------------------------------|------------|
| | % | % | % | % | % | % | % | |
| Residence | | | | | | | | |
| Urban | 96.9 | 73.8 | 79.4 | 86.9 | 84.5 | 85.5 | 85.8 | 56,672 |
| Rural | 96.3 | 63.1 | 76.5 | 84.3 | 78.4 | 80.2 | 81.4 | 41,766 |
| Economic Status | | | | | | | | |
| Lowest | 95.9 | 61.2 | 77.5 | 83.7 | 77.1 | 79.7 | 80.7 | 12,816 |
| Lower middle | 96.5 | 64.8 | 76.8 | 83.8 | 78.8 | 80.6 | 81.6 | 17,304 |
| Middle | 96.7 | 66.7 | 77.3 | 84.8 | 80.2 | 81.7 | 83.5 | 20,352 |
| Upper middle | 97.0 | 71.6 | 79.4 | 86.9 | 83.3 | 84.9 | 85.1 | 23,209 |
| Highest | 96.9 | 76.5 | 79.0 | 88.1 | 86.6 | 86.6 | 86.6 | 24,758 |

Table 3.25 Proportion of Household Assessments of the Services of Hospitals Accessed in the Past Year by Province, 2023 SKI

| Province | Easy Access | Comprehensive Facilities | Low/Free Service Costs | Communicative Health Workers | Comfortable Rooms | Quick/Precise/Accurate Services | Services Meeting Expectations | Weighted N |
|-------------------------|-------------|--------------------------|------------------------|------------------------------|-------------------|---------------------------------|-------------------------------|---------------|
| | % | % | % | % | % | % | % | |
| Aceh | 92.2 | 97.3 | 94.9 | 95.6 | 94.5 | 90.2 | 92.4 | 192 |
| North Sumatra | 88.6 | 90.7 | 72.8 | 83.1 | 83.2 | 82.8 | 84.4 | 681 |
| West Sumatra | 91.4 | 95.9 | 85.7 | 90.4 | 88.3 | 89.3 | 88.6 | 314 |
| Riau | 90.2 | 94.9 | 74.9 | 88.2 | 87.6 | 80.0 | 83.2 | 410 |
| Jambi | 83.0 | 95.8 | 75.0 | 92.6 | 90.5 | 89.7 | 89.0 | 107 |
| South Sumatra | 91.7 | 98.0 | 81.2 | 94.2 | 95.2 | 93.9 | 94.0 | 446 |
| Bengkulu | 86.9 | 92.9 | 72.4 | 78.3 | 78.9 | 84.1 | 82.8 | 79 |
| Lampung | 81.9 | 96.2 | 74.5 | 87.1 | 89.4 | 86.7 | 87.8 | 331 |
| Bangka Belitung Islands | 88.6 | 93.6 | 83.7 | 83.7 | 83.6 | 79.3 | 80.9 | 113 |
| Riau Islands | 94.5 | 96.2 | 78.9 | 88.0 | 92.7 | 86.4 | 88.2 | 198 |
| DKI Jakarta | 89.1 | 96.7 | 80.4 | 90.0 | 90.5 | 87.6 | 86.0 | 1,586 |
| West Java | 88.5 | 96.0 | 79.6 | 92.6 | 91.3 | 88.9 | 90.7 | 4,025 |
| Central Java | 88.0 | 95.2 | 80.9 | 88.2 | 87.3 | 84.3 | 87.8 | 2,724 |
| DI Yogyakarta | 92.8 | 96.9 | 83.2 | 94.7 | 93.5 | 92.4 | 94.0 | 654 |
| East Java | 87.7 | 95.4 | 78.3 | 89.4 | 87.2 | 88.3 | 90.5 | 3,041 |
| Banten | 89.9 | 95.5 | 75.0 | 91.1 | 90.2 | 87.9 | 89.0 | 925 |
| Bali | 93.5 | 98.6 | 85.5 | 93.6 | 94.3 | 93.9 | 94.6 | 403 |
| West Nusa Tenggara | 89.5 | 93.8 | 80.9 | 86.4 | 89.5 | 82.0 | 89.3 | 250 |
| East Nusa Tenggara | 86.9 | 95.4 | 83.9 | 91.1 | 92.7 | 88.6 | 89.7 | 231 |
| West Kalimantan | 88.6 | 96.2 | 75.3 | 87.6 | 83.1 | 84.1 | 89.1 | 183 |
| Central Kalimantan | 84.5 | 95.4 | 75.2 | 83.7 | 78.1 | 79.7 | 82.7 | 106 |
| South Kalimantan | 87.7 | 95.9 | 79.2 | 82.2 | 80.5 | 83.9 | 84.2 | 230 |
| East Kalimantan | 88.8 | 92.1 | 80.7 | 83.9 | 83.8 | 84.3 | 85.4 | 352 |
| North Kalimantan | 92.7 | 98.9 | 96.0 | 97.2 | 95.0 | 91.8 | 92.4 | 44* |
| North Sulawesi | 93.3 | 96.4 | 78.3 | 91.0 | 89.7 | 86.4 | 87.5 | 192 |
| Central Sulawesi | 86.7 | 92.7 | 78.5 | 80.6 | 82.3 | 79.3 | 79.0 | 122 |
| South Sulawesi | 93.6 | 97.1 | 87.5 | 88.2 | 90.4 | 91.1 | 89.8 | 404 |
| Southeast Sulawesi | 93.1 | 96.9 | 92.1 | 94.1 | 95.1 | 94.3 | 93.4 | 129 |
| Gorontalo | 97.9 | 97.1 | 89.8 | 86.6 | 88.9 | 83.3 | 89.5 | 34* |
| West Sulawesi | 89.0 | 90.3 | 82.2 | 84.7 | 85.9 | 79.9 | 77.8 | 36* |
| Maluku | 94.5 | 97.2 | 73.7 | 91.9 | 92.0 | 89.7 | 91.0 | 51 |
| North Maluku | 90.3 | 94.6 | 83.0 | 86.8 | 90.0 | 81.2 | 84.3 | 40* |
| West Papua | 83.0 | 91.7 | 81.9 | 82.6 | 79.9 | 69.0 | 81.6 | 20* |
| Southwest Papua | 88.4 | 96.3 | 74.3 | 88.3 | 89.9 | 81.8 | 88.2 | 24* |
| Papua | 96.9 | 94.8 | 77.3 | 83.6 | 83.3 | 89.2 | 87.2 | 77 |
| South Papua | 91.5 | 93.0 | 85.4 | 85.9 | 84.1 | 77.4 | 89.2 | 24* |
| Central Papua | 86.5 | 75.4 | 83.3 | 75.4 | 78.0 | 73.6 | 78.2 | 103 |
| Highland Papua | 54.7 | 52.1 | 95.7 | 47.0 | 37.3 | 42.1 | 46.3 | 65 |
| INDONESIA | 88.9 | 95.3 | 79.9 | 89.6 | 88.8 | 87.1 | 88.8 | 18,945 |

*Weighted N < 50

Table 3.26 Proportion of Household Assessments of the Services of Hospitals Accessed in the Past Year by Characteristic, 2023 SKI

| Characteristic | Easy Access | Comprehensive Facilities | Low/Free Service Costs | Communicative Health Workers | Comfortable Rooms | Quick/Precise/Accurate Services | Services Meeting Expectations | Weighted N |
|------------------------|-------------|--------------------------|------------------------|------------------------------|-------------------|---------------------------------|-------------------------------|------------|
| | % | % | % | % | % | % | % | |
| Residence | | | | | | | | |
| Urban | 91.0 | 96.0 | 80.5 | 90.6 | 89.9 | 88.3 | 89.5 | 15,254 |
| Rural | 80.0 | 92.9 | 77.3 | 85.4 | 84.4 | 82.4 | 85.8 | 3,691 |
| Economic Status | | | | | | | | |
| Lowest | 77.5 | 90.9 | 82.3 | 83.3 | 82.6 | 81.1 | 82.1 | 1,138 |
| Lower middle | 84.0 | 94.8 | 80 | 84.7 | 83.9 | 82.2 | 85.3 | 1,811 |
| Middle | 86.8 | 93.7 | 81.6 | 88.7 | 87.2 | 85.6 | 87.8 | 2,568 |
| Upper middle | 89.1 | 94.6 | 81.3 | 89.1 | 89.2 | 87.3 | 89.4 | 4,056 |
| Highest | 91.6 | 96.8 | 78.4 | 91.8 | 90.9 | 89.2 | 90.3 | 9,372 |

Based on the service assessment variables according to household perceptions, the variable used is services meeting expectations. The assessment of services provided by *puskesmas*, independent health professional clinics/practices, and hospitals is grouped into two categories: services meeting expectations and services not meeting expectations, referring to the median value as the cutoff threshold.

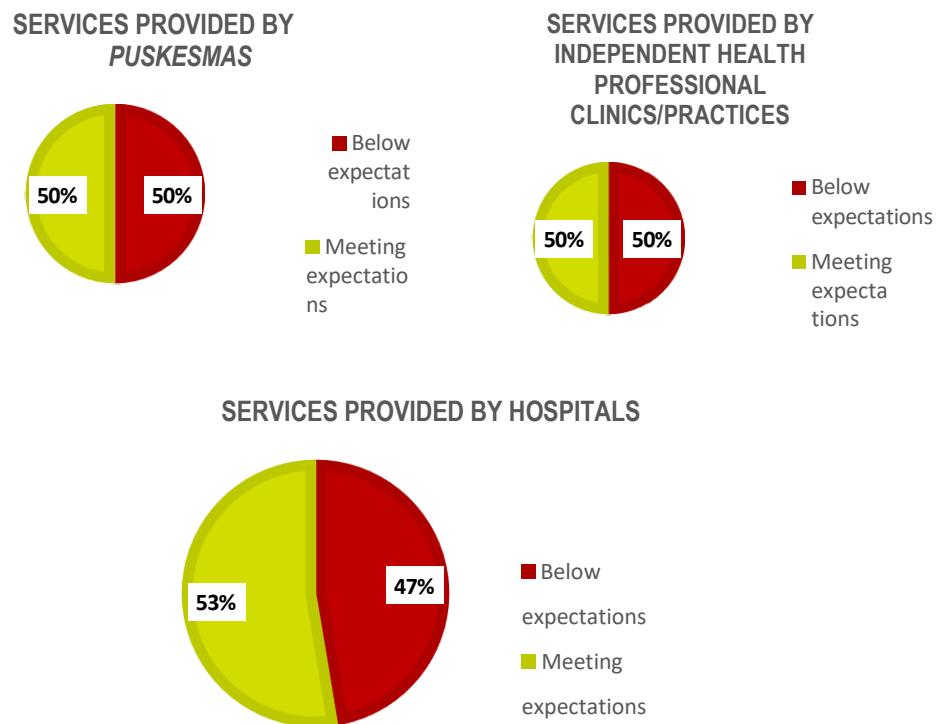


Figure 3.1. National Proportion of Household Perceptions of Healthcare Facility Services

3.5. HOUSEHOLDS ACCESSING HEALTHCARE/NON-HEALTHCARE FACILITIES FOR COVID-19 VACCINATION, SWAB SERVICES, INPATIENT CARE, AND PSC 119

This question aims to determine access to all health services available during the COVID-19 pandemic for prevention, diagnosis, treatment, and referral. The four types of services in question are: COVID-19 vaccination, swabs for COVID-19 diagnosis, inpatient care, and the utilization of PSC 119. This question supports the strategic plan target for strengthening the disaster and health emergency management system.

Based on the analysis of the services accessed, the data will be divided into two tables, categorized by type of healthcare and non-healthcare facilities, except for PSC 119 services, with calculations as follows:

1. Healthcare Facilities (*Puskesmas*, Independent Health Professional Clinics/Practices, Health Laboratories, and Hospitals):

To improve access to COVID-19 service coverage, services are provided in healthcare facilities, which include *puskesmas*, independent health professional clinics/practices, health laboratories, and hospitals.

The proportion of households accessing each COVID-19 service (vaccination, swab, and inpatient care) in the healthcare facilities is as follows:

- a. Proportion of households accessing each COVID-19 services (vaccination, swab, and inpatient care) in *puskesmas*

$$= \frac{\text{Number of households most frequently accessing puskesmas for each COVID-19 service}}{\text{Number of households that have accessed healthcare facilities for each COVID-19 service}} \times 100 \%$$

- b. Proportion of households accessing each COVID-19 services (vaccination, swab, and inpatient care) in independent health professional clinics/practices

$$= \frac{\text{Number of households most frequently accessing independent health professional clinics/practices for each COVID-19 service}}{\text{Number of households that have accessed healthcare facilities for each COVID-19 service}} \times 100 \%$$

- c. Proportion of households accessing each COVID-19 services (vaccination, swab, and inpatient care) in health laboratories

$$= \frac{\text{Number of households most frequently accessing health laboratories for each COVID-19 service}}{\text{Number of households that have accessed healthcare facilities for each COVID-19 service}} \times 100 \%$$

- d. Proportion of households accessing each COVID-19 services (vaccination, swab, and inpatient care) in hospitals

$$= \frac{\text{Number of households most frequently accessing hospitals for each COVID-19 service}}{\text{Number of households that have accessed healthcare facilities for each COVID-19 service}} \times 100 \%$$

Table 3.27 Proportion of Households Most Frequently Accessing COVID-19 Vaccination Services by Healthcare Facility Type and Province, 2023 SKI

| Province | Puskesmas | Independent Clinic/Practice | Health Laboratory | Hospital | Weighted N |
|-------------------------|-------------|-----------------------------|-------------------|------------|----------------|
| | % | % | % | % | |
| Aceh | 89.9 | 6.3 | 0.1 | 3.7 | 2,741 |
| North Sumatra | 86.8 | 7.9 | 0.2 | 5.1 | 8,891 |
| West Sumatra | 83.7 | 8.8 | 0.4 | 7.1 | 2,520 |
| Riau | 81.0 | 10.8 | 0.2 | 8.0 | 3,650 |
| Jambi | 91.3 | 6.8 | 0.0 | 1.9 | 2,567 |
| South Sumatra | 83.1 | 8.9 | 0.1 | 7.9 | 5,340 |
| Bengkulu | 89.0 | 6.1 | 0.2 | 4.6 | 1,538 |
| Lampung | 88.8 | 8.4 | 0.3 | 2.5 | 4,839 |
| Bangka Belitung Islands | 84.8 | 8.1 | 0.2 | 6.9 | 885 |
| Riau Islands | 80.3 | 10.0 | 1.0 | 8.7 | 861 |
| DKI Jakarta | 76.4 | 6.5 | 0.4 | 16.7 | 4,962 |
| West Java | 81.2 | 9.5 | 0.4 | 8.9 | 18,461 |
| Central Java | 86.5 | 6.2 | 0.4 | 6.9 | 20,384 |
| DI Yogyakarta | 72.3 | 6.5 | 0.4 | 20.8 | 2,682 |
| East Java | 82.9 | 8.8 | 0.3 | 8.0 | 18,393 |
| Banten | 78.7 | 11.4 | 0.2 | 9.7 | 4,866 |
| Bali | 82.9 | 3.9 | 0.5 | 12.6 | 1,913 |
| West Nusa Tenggara | 82.7 | 5.1 | 0.4 | 11.8 | 1,544 |
| East Nusa Tenggara | 85.4 | 6.5 | 0.4 | 7.7 | 2,441 |
| West Kalimantan | 89.6 | 7.2 | 0.1 | 3.0 | 2,595 |
| Central Kalimantan | 84.9 | 11.1 | 0.2 | 3.9 | 2,004 |
| South Kalimantan | 88.5 | 6.5 | 0.1 | 4.9 | 2,348 |
| East Kalimantan | 73.6 | 16.2 | 0.1 | 10.2 | 2,185 |
| North Kalimantan | 86.1 | 6.1 | 0.1 | 7.6 | 376 |
| North Sulawesi | 86.2 | 5.2 | 0.3 | 8.2 | 1,316 |
| Central Sulawesi | 88.3 | 6.0 | 0.1 | 5.6 | 1,309 |
| South Sulawesi | 81.9 | 8.5 | 0.2 | 9.4 | 4,001 |
| Southeast Sulawesi | 90.3 | 4.9 | 0.2 | 4.6 | 1,394 |
| Gorontalo | 81.6 | 5.9 | 1.3 | 11.2 | 232 |
| West Sulawesi | 89.5 | 7.4 | 0.2 | 2.9 | 631 |
| Maluku | 82.5 | 5.4 | 0.2 | 12.0 | 808 |
| North Maluku | 85.1 | 9.3 | 0.4 | 5.1 | 445 |
| West Papua | 84.6 | 7.6 | 0.2 | 7.5 | 205 |
| Southwest Papua | 86.7 | 7.4 | 0.3 | 5.7 | 183 |
| Papua | 67.9 | 10.5 | 0.5 | 21.1 | 391 |
| South Papua | 61.1 | 24.4 | 0.7 | 13.8 | 234 |
| Central Papua | 83.6 | 13.1 | 0.5 | 2.8 | 248 |
| Highland Papua | 69.1 | 8.3 | 0 | 22.6 | 159 |
| INDONESIA | 83.7 | 8.1 | 0.3 | 7.9 | 130,543 |

Table 3.28. Proportion of Households Most Frequently Accessing COVID-19 Vaccination Services by Healthcare Facility Type and Characteristic, 2023 SKI

| Characteristic | <i>Puskesmas</i> | Independent Clinic/Practice | Health Laboratory | Hospital | Weighted N |
|------------------------|------------------|--------------------------------|----------------------|----------|---------------|
| | % | % | % | % | |
| Residence | | | | | |
| Urban | 79.9 | 8.3 | 0.3 | 11.4 | 80,736 |
| Rural | 89.8 | 7.8 | 0.2 | 2.2 | 49,807 |
| Economic Status | | | | | |
| Lowest | 90.2 | 7.1 | 0.2 | 2.5 | 15,569 |
| Lower middle | 88.5 | 7.5 | 0.2 | 3.7 | 21,208 |
| Middle | 87.2 | 8.0 | 0.2 | 4.6 | 26,006 |
| Upper middle | 84.7 | 7.9 | 0.3 | 7.1 | 31,352 |
| Highest | 74.7 | 9.2 | 0.4 | 15.7 | 36,397 |

Table 3.29 Proportion of Households Most Frequently Accessing Swab Services by Healthcare Facility Type and Province, 2023 SKI

| Province | <i>Puskesmas</i> | Independent | Health Laboratory | Hospital | Weighted N |
|-------------------------|------------------|---------------------|-------------------|-------------|---------------|
| | | Clinic/ Practice | | | |
| - | - | % | % | % | - |
| Aceh | 54.3 | 12.7 | 3.6 | 29.4 | 267 |
| North Sumatra | 44.6 | 17.9 | 3.0 | 34.4 | 1,310 |
| West Sumatra | 53.6 | 14.6 | 2.2 | 29.6 | 655 |
| Riau | 33.1 | 23.5 | 1.3 | 42.1 | 650 |
| Jambi | 51.2 | 19.7 | 4.6 | 24.5 | 265 |
| South Sumatra | 31.0 | 15.5 | 2.7 | 50.8 | 978 |
| Bengkulu | 56.6 | 18.7 | 1.9 | 22.7 | 259 |
| Lampung | 44.8 | 20.4 | 4.1 | 30.7 | 891 |
| Bangka Belitung Islands | 44.4 | 15.4 | 3.1 | 37.1 | 265 |
| Riau Islands | 28.8 | 39.3 | 6.9 | 25.0 | 463 |
| DKI Jakarta | 31.3 | 24.2 | 5.4 | 39.1 | 4,505 |
| West Java | 29.1 | 25.7 | 3.8 | 41.5 | 11,166 |
| Central Java | 43.8 | 15.6 | 3.6 | 37.0 | 7,370 |
| DI Yogyakarta | 27.5 | 19.2 | 5.3 | 47.9 | 1,497 |
| East Java | 31.5 | 16.8 | 6.3 | 45.4 | 7,082 |
| Banten | 26.4 | 33.0 | 4.4 | 36.2 | 2,759 |
| Bali | 24.3 | 14.7 | 4.7 | 56.3 | 535 |
| West Nusa Tenggara | 29.7 | 18.7 | 4.3 | 47.4 | 463 |
| East Nusa Tenggara | 44.9 | 18.3 | 5.1 | 31.7 | 631 |
| West Kalimantan | 47.7 | 17.0 | 9.0 | 26.4 | 459 |
| Central Kalimantan | 51.0 | 19.7 | 8.6 | 20.6 | 416 |
| South Kalimantan | 38.0 | 28.7 | 2.5 | 30.9 | 570 |
| East Kalimantan | 24.6 | 42.4 | 2.6 | 30.5 | 1,265 |
| North Kalimantan | 42.0 | 32.0 | 1.2 | 24.7 | 175 |
| North Sulawesi | 40.7 | 13.6 | 2.3 | 43.5 | 371 |
| Central Sulawesi | 55.2 | 13.5 | 1.3 | 30.0 | 428 |
| South Sulawesi | 32.8 | 27.4 | 2.3 | 37.4 | 986 |
| Southeast Sulawesi | 41.1 | 17.2 | 2.1 | 39.6 | 284 |
| Gorontalo | 34.7 | 13.9 | 17.0 | 34.4 | 72 |
| West Sulawesi | 49.0 | 21.1 | 1.7 | 28.1 | 131 |
| Maluku | 42.8 | 13.2 | 2.4 | 41.6 | 243 |
| North Maluku | 50.5 | 21.1 | 6.2 | 22.2 | 100 |
| West Papua | 52.8 | 30.4 | 3.2 | 13.6 | 133 |
| Southwest Papua | 29.4 | 31.6 | 8.6 | 30.4 | 129 |
| Papua | 38.3 | 21.8 | 8.0 | 31.9 | 213 |
| South Papua | 30.7 | 44.4 | 1.6 | 23.4 | 84 |
| Central Papua | 44.8 | 44.2 | 0.6 | 10.4 | 142 |
| Highland Papua | 29.4 | 24.8 | 1.5 | 44.4 | 102 |
| INDONESIA | 34.7 | 22.0 | 4.3 | 39.0 | 48,317 |

Table 3.30 Proportion of Households Most Frequently Accessing Swab Services by Healthcare Facility Type and Characteristic, 2023 SKI

| Characteristic | Puskesmas | Independent Clinic/Practice | Health Laboratory | Hospital | Weighted N |
|------------------------|-----------|-----------------------------|-------------------|----------|------------|
| | % | % | % | % | |
| Residence | | | | | |
| Urban | 31.0 | 23.5 | 4.9 | 40.5 | 37,700 |
| Rural | 47.6 | 16.6 | 2.1 | 33.7 | 10,617 |
| Economic Status | | | | | |
| Lowest | 48.0 | 14.7 | 1.5 | 35.9 | 2,720 |
| Lower middle | 42.9 | 16.6 | 2.2 | 38.3 | 4,741 |
| Middle | 38.9 | 17.5 | 3.3 | 40.2 | 7,431 |
| Upper middle | 37.2 | 20.7 | 2.8 | 39.2 | 12,024 |
| Highest | 28.2 | 26.5 | 6.3 | 39.0 | 21,393 |

Table 3.31 Proportion of Households Most Frequently Accessing Inpatient Services by Healthcare Facility Type and Characteristic, 2023 SKI

| Characteristic | Puskesmas | | Independent Clinic/Practice | | Hospital | | Weighted N |
|------------------------|-------------|--------------------|-----------------------------|------------------|-------------|--------------------|--------------|
| | % | 95 % CI | % | 95 % CI | % | 95 % CI | |
| Residence | | | | | | | |
| Urban | 8.4 | 7.4 - 9.6 | 6.7 | 5.5 - 8.1 | 84.9 | 83.2 - 86.4 | 4,081 |
| Rural | 26.2 | 23.3 - 29.5 | 7.3 | 5.9 - 8.9 | 66.5 | 63.2 - 69.6 | 1,783 |
| Economic Status | | | | | | | |
| Lowest | 24.4 | 19.7 - 29.9 | 7.1 | 4.7 - 10.5 | 68.5 | 62.9 - 73.6 | 493 |
| Lower middle | 20.5 | 16.3 - 25.5 | 11.2 | 8.3 - 14.9 | 68.3 | 63.0 - 73.2 | 719 |
| Middle | 18.4 | 15.1 - 22.3 | 8.3 | 6.0 - 11.3 | 73.3 | 69.1 - 77.2 | 1,062 |
| Upper middle | 12.8 | 10.5 - 15.6 | 6.2 | 4.4 - 8.7 | 80.9 | 77.7 - 83.8 | 1,373 |
| Highest | 7.8 | 6.3 - 9.5 | 5.1 | 3.8 - 6.8 | 87.1 | 84.9 - 89.0 | 2,216 |
| INDONESIA | 13.9 | 12.7 - 15.1 | 6.9 | 5.9 - 7.9 | 79.3 | 77.8 - 80.7 | 5,864 |

2. Non-Healthcare Facilities (Community-Based Health Efforts (UKBM), Public Places, and Others):

To increase the coverage of COVID-19 services, services were also provided at non-healthcare facilities, such as integrated services posts (*posyandu*), bus terminals, shopping centers, etc.

- a. Proportion of households accessing each COVID-19 service (vaccination and swab) at UKBM

$$= \frac{\text{Number of households most frequently accessing UKBM for COVID-19 vaccination or swab}}{\text{Number of households that have accessed non-healthcare facilities for COVID-19 vaccination or swab}} \times 100 \%$$

- b. Proportion of households accessing each COVID-19 service (vaccination and swab) at public places

$$= \frac{\text{Number of households most frequently accessing public places for COVID-19 vaccination or swab}}{\text{Number of households that have accessed non-healthcare facilities for COVID-19 vaccination or swab}} \times 100 \%$$

- c. Proportion of households accessing each COVID-19 service (vaccination and swab) at other facilities

$$= \frac{\text{Number of households most frequently accessing other facilities for COVID-19 vaccination or swab}}{\text{Number of households that have accessed non-healthcare facilities for COVID-19 vaccination or swab}} \times 100 \%$$

Table 3.32. Proportion of Households Most Frequently Accessing COVID-19 Vaccination Services by Non-Healthcare Facility Type and Province, 2023 SKI

| Province | UKBM (<i>Posyandu, UKS, UKK</i>) | | Public Place (Shopping Center, Government Office, etc.) | | Others | | Weighted N |
|-------------------------|------------------------------------|------------------|---|--------------------|------------|------------------|----------------|
| | % | 95 % CI | % | 95 CI | % | 95 % CI | |
| Aceh | 20.1 | 17.4 - 23.2 | 78.0 | 74.9 - 80.8 | 1.9 | 1.1 - 3.1 | 1,210 |
| North Sumatra | 6.8 | 5.5 - 8.4 | 89.7 | 87.9 - 91.3 | 3.5 | 2.7 - 4.5 | 4,759 |
| West Sumatra | 4.5 | 3.5 - 5.7 | 91.9 | 90.4 - 93.2 | 3.6 | 2.8 - 4.8 | 2,084 |
| Riau | 6.0 | 4.4 - 8.2 | 89.7 | 87.1 - 91.9 | 4.3 | 3.0 - 6.1 | 2,179 |
| Jambi | 10.2 | 7.8 - 13.2 | 86.1 | 82.5 - 89.0 | 3.7 | 2.2 - 6.2 | 949 |
| South Sumatra | 12.5 | 10.4 - 15.0 | 84.7 | 82.0 - 87.0 | 2.8 | 1.8 - 4.2 | 2,499 |
| Bengkulu | 9.6 | 7.4 - 12.4 | 88.0 | 85.0 - 90.4 | 2.4 | 1.5 - 3.8 | 549 |
| Lampung | 5.7 | 4.5 - 7.2 | 91.1 | 89.4 - 92.5 | 3.2 | 2.5 - 4.1 | 4,039 |
| Bangka Belitung Islands | 6.3 | 4.3 - 9.1 | 90.6 | 87.6 - 92.9 | 3.1 | 2.1 - 4.8 | 612 |
| Riau Islands | 3.0 | 2.2 - 4.0 | 95.7 | 94.4 - 96.8 | 1.3 | 0.8 - 2.1 | 1,353 |
| DKI Jakarta | 6.4 | 4.4 - 9.4 | 90.0 | 87.0 - 92.5 | 3.5 | 2.6 - 4.8 | 6,129 |
| West Java | 9.4 | 8.4 - 10.4 | 84.5 | 83.2 - 85.6 | 6.2 | 5.5 - 7.0 | 29,381 |
| Central Java | 5.6 | 4.8 - 6.6 | 90.3 | 89.1 - 91.3 | 4.1 | 3.5 - 4.8 | 19,645 |
| DI Yogyakarta | 2.1 | 1.4 - 3.2 | 93.9 | 92.3 - 95.2 | 3.9 | 2.9 - 5.3 | 1,922 |
| East Java | 9.5 | 8.5 - 10.6 | 83.2 | 81.9 - 84.5 | 7.3 | 6.5 - 8.2 | 23,762 |
| Banten | 12.7 | 10.8 - 14.9 | 80.9 | 78.3 - 83.3 | 6.4 | 5.0 - 8.1 | 5,564 |
| Bali | 3.2 | 2.5 - 4.1 | 96.1 | 95.1 - 96.9 | 0.7 | 0.4 - 1.2 | 2,857 |
| West Nusa Tenggara | 12.9 | 10.3 - 16.0 | 75.4 | 71.4 - 78.9 | 11.8 | 9.0 - 15.3 | 3,840 |
| East Nusa Tenggara | 7.7 | 6.4 - 9.1 | 90.1 | 88.5 - 91.4 | 2.3 | 1.7 - 3.0 | 2,128 |
| West Kalimantan | 10.4 | 8.4 - 12.7 | 85.1 | 82.6 - 87.3 | 4.5 | 3.2 - 6.2 | 1,999 |
| Central Kalimantan | 15.5 | 11.8 - 20.0 | 82.2 | 77.7 - 86.0 | 2.3 | 1.4 - 3.8 | 687 |
| South Kalimantan | 6.3 | 5.0 - 8.0 | 90.3 | 88.4 - 91.9 | 3.4 | 2.6 - 4.5 | 1,829 |
| East Kalimantan | 2.6 | 1.7 - 3.9 | 90.3 | 87.0 - 92.9 | 7.1 | 4.8 - 10.4 | 1,566 |
| North Kalimantan | 5.2 | 3.3 - 8.2 | 90.6 | 87.1 - 93.3 | 4.1 | 2.5 - 6.7 | 249 |
| North Sulawesi | 10.3 | 8.1 - 13.0 | 86.7 | 83.9 - 89.1 | 3.0 | 2.2 - 4.2 | 1,256 |
| Central Sulawesi | 7.7 | 5.6 - 10.4 | 87.5 | 84.6 - 89.9 | 4.8 | 3.6 - 6.4 | 1,287 |
| South Sulawesi | 5.1 | 4.3 - 6.1 | 91.6 | 90.4 - 92.7 | 3.2 | 2.7 - 3.9 | 4,240 |
| Southeast Sulawesi | 5.3 | 4.0 - 7.0 | 89.9 | 87.5 - 91.9 | 4.8 | 3.5 - 6.5 | 914 |
| Gorontalo | 1.1 | 0.7 - 1.7 | 98.1 | 97.3 - 98.6 | 0.9 | 0.5 - 1.4 | 762 |
| West Sulawesi | 7.5 | 5.1 - 10.8 | 88.8 | 85.2 - 91.7 | 3.7 | 2.2 - 6.3 | 641 |
| Maluku | 6.4 | 4.9 - 8.4 | 88.5 | 85.0 - 91.2 | 5.1 | 3.0 - 8.6 | 491 |
| North Maluku | 7.1 | 5.3 - 9.4 | 91.3 | 88.9 - 93.3 | 1.6 | 1.0 - 2.5 | 367 |
| West Papua | 10.1 | 4.9 - 19.7 | 78.7 | 66.8 - 87.2 | 11.2 | 4.6 - 25.0 | 104 |
| Southwest Papua | 1.5 | 0.8 - 2.8 | 94.8 | 92.1 - 96.6 | 3.7 | 2.1 - 6.3 | 217 |
| Papua | 6.4 | 3.0 - 13.4 | 90.9 | 84.3 - 94.9 | 2.6 | 1.2 - 5.5 | 159 |
| South Papua | 25.8 | 18.7 - 34.4 | 72.3 | 63.7 - 79.5 | 1.9 | 0.8 - 4.6 | 105 |
| Central Papua | 7.4 | 2.5 - 20.1 | 88.0 | 76.2 - 94.4 | 4.6 | 1.9 - 10.6 | 97 |
| Highland Papua | 0 | 0.0 - 0.0 | 98.2 | 88.3 - 99.8 | 1.8 | 0.2 - 11.7 | 23* |
| INDONESIA | 8.1 | 7.7 - 8.5 | 86.8 | 86.3 - 87.2 | 5.2 | 4.9 - 5.5 | 132,452 |

*Weighted N < 50

Table 3.33 Proportion of Households Most Frequently Accessing COVID-19 Vaccination Services by Non-Healthcare Facility Type and Characteristic, 2023 SKI

| Characteristic | UKBM (Posyandu, UKS, UKK) | Public Place (Shopping Center, Government Office, etc.) | Others | Weighted N |
|------------------------|---------------------------------|--|--------|------------|
| | % | % | % | |
| Residence | | | | |
| Urban | 7.0 | 87.4 | 5.5 | 75,910 |
| Rural | 9.5 | 85.9 | 4.6 | 56,542 |
| Economic Status | | | | |
| Lowest | 9.9 | 85.1 | 5.0 | 20,695 |
| Lower middle | 9.1 | 85.6 | 5.4 | 26,105 |
| Middle | 8.6 | 86.2 | 5.2 | 28,505 |
| Upper middle | 7.8 | 87.0 | 5.2 | 30,011 |
| Highest | 5.6 | 89.4 | 4.9 | 27,130 |

Table 3.34. Proportion of Households Most Frequently Accessing Swab Services by Non-Healthcare Facility Type and Province, 2023 SKI

| Province | UKBM (Posyandu, UKS, UKK) | Public Place (Shopping Center, Government Office, etc.) | Others | Weighted N |
|-------------------------|---------------------------------|--|-------------|---------------|
| | % | % | % | |
| Aceh | 6.6 | 88.7 | 4.7 | 61 |
| North Sumatra | 3.9 | 85.9 | 10.2 | 283 |
| West Sumatra | 2.1 | 92.5 | 5.4 | 267 |
| Riau | 4.6 | 80.8 | 14.6 | 163 |
| Jambi | 8.1 | 83.6 | 8.4 | 77 |
| South Sumatra | 1.7 | 90.7 | 7.6 | 197 |
| Bengkulu | 7.2 | 89.8 | 3.0 | 77 |
| Lampung | 2.0 | 83.5 | 14.5 | 321 |
| Bangka Belitung Islands | 2.1 | 91.8 | 6.1 | 89 |
| Riau Islands | 3.1 | 92.7 | 4.1 | 186 |
| DKI Jakarta | 1.0 | 88.3 | 10.7 | 1,531 |
| West Java | 3.4 | 80.6 | 16.0 | 4,427 |
| Central Java | 3.2 | 82.3 | 14.6 | 2,024 |
| DI Yogyakarta | 2.0 | 83.9 | 14.1 | 300 |
| East Java | 4.3 | 77.8 | 17.9 | 2,415 |
| Banten | 5.5 | 83.0 | 11.5 | 958 |
| Bali | 2.1 | 89.3 | 8.6 | 339 |
| West Nusa Tenggara | 5.3 | 77.5 | 17.2 | 201 |
| East Nusa Tenggara | 5.0 | 87.8 | 7.2 | 234 |
| West Kalimantan | 4.0 | 83.0 | 13.0 | 126 |
| Central Kalimantan | 1.3 | 86.0 | 12.7 | 50 |
| South Kalimantan | 1.8 | 86.1 | 12.1 | 154 |
| East Kalimantan | 0.6 | 86.2 | 13.1 | 285 |
| North Kalimantan | 4.9 | 85.0 | 10.1 | 56 |
| North Sulawesi | 3.5 | 86.5 | 10.0 | 167 |
| Central Sulawesi | 4.5 | 83.3 | 12.2 | 143 |
| South Sulawesi | 1.2 | 90.2 | 8.5 | 448 |
| Southeast Sulawesi | 1.9 | 93.3 | 4.8 | 78 |
| Gorontalo | 0.5 | 93.2 | 6.3 | 44* |
| West Sulawesi | 3.1 | 89.5 | 7.3 | 51 |
| Maluku | 3.3 | 93.0 | 3.7 | 41* |
| North Maluku | 3.1 | 95.0 | 1.9 | 50 |
| West Papua | 2.5 | 90.2 | 7.4 | 26* |
| Southwest Papua | 1.2 | 92.6 | 6.2 | 41* |
| Papua | 7.0 | 90.2 | 2.7 | 74 |
| South Papua | 3.0 | 83.2 | 13.9 | 15* |
| Central Papua | 3.9 | 95.1 | 0.9 | 31* |
| Highland Papua | 2.1 | 88.1 | 9.9 | 27* |
| INDONESIA | 3.3 | 83.2 | 13.5 | 16,055 |

*Weighted N < 50

Table 3.35 Proportion of Households Most Frequently Accessing Swab Services by Non-Healthcare Facility Type and Characteristic, 2023 SKI

| Characteristic | UKBM (Posyandu, UKS, UKK) | Public Place (Shopping Center, Government Office, etc.) | Others | Weighted N |
|------------------------|---------------------------------|---|--------|------------|
| | % | % | % | |
| Residence | | | | |
| Urban | 2.8 | 83.9 | 13.2 | 12,483 |
| Rural | 4.8 | 80.8 | 14.4 | 3,572 |
| Economic Status | | | | |
| Lowest | 7.2 | 82.2 | 10.5 | 1,020 |
| Lower middle | 5.4 | 78.9 | 15.8 | 1,760 |
| Middle | 3.5 | 81.5 | 15.0 | 2,608 |
| Upper middle | 3.2 | 82.2 | 14.6 | 4,221 |
| Highest | 2.0 | 85.9 | 12.0 | 6,444 |

3.6. HOUSEHOLDS THAT HAVE ACCESSED THE PICK-UP AND DROP-OFF SERVICES (PSC 119)

This question aims to determine access to the pick-up and drop-off service (PSC 119) as part of strengthening access to the Integrated Emergency Management System (SPGDT), which functions to provide emergency services with an algorithm for calls and first aid at the scene before being referred to the nearest healthcare facility. The proportion of households that have accessed the Pick-Up and Drop-Off Service (PSC 119):

$$\frac{\text{Number of households that have accessed the PSC 119 services}}{\text{Number of interviewed households}} \times 100$$

Table 3.36 Proportion of Households Accessing the Pick-Up and Drop-Off Services (PSC 119) by Province, 2023 SKI

| Province | Yes, Have Accessed | Never Accessed | Weighted N |
|-------------------------|-----------------------|-------------------|----------------|
| | % | % | |
| Aceh | 0.7 | 99.3 | 5,756 |
| North Sumatra | 0.1 | 99.9 | 15,886 |
| West Sumatra | 0.2 | 99.8 | 6,043 |
| Riau | 0.4 | 99.6 | 7,052 |
| Jambi | 1.0 | 99.0 | 4,051 |
| South Sumatra | 0.1 | 99.9 | 9,402 |
| Bengkulu | 0.1 | 99.9 | 2,323 |
| Lampung | 0.2 | 99.8 | 10,424 |
| Bangka Belitung Islands | 0.2 | 99.8 | 1,708 |
| Riau Islands | 0.2 | 99.8 | 2,514 |
| DKI Jakarta | 0.5 | 99.5 | 12,318 |
| West Java | 0.3 | 99.7 | 58,514 |
| Central Java | 0.3 | 99.7 | 44,459 |
| DI Yogyakarta | 0.4 | 99.6 | 4,957 |
| East Java | 0.4 | 99.6 | 50,591 |
| Banten | 0.3 | 99.7 | 13,333 |
| Bali | 0.3 | 99.7 | 5,149 |
| West Nusa Tenggara | 0.2 | 99.8 | 6,849 |
| East Nusa Tenggara | 0.2 | 99.8 | 5,335 |
| West Kalimantan | 0.1 | 99.9 | 5,784 |
| Central Kalimantan | 0.3 | 99.7 | 3,178 |
| South Kalimantan | 0.1 | 99.9 | 5,023 |
| East Kalimantan | 0.4 | 99.6 | 4,320 |
| North Kalimantan | 0.2 | 99.8 | 729 |
| North Sulawesi | 0.2 | 99.8 | 3,031 |
| Central Sulawesi | 0.2 | 99.8 | 3,216 |
| South Sulawesi | 0.3 | 99.7 | 9,484 |
| Southeast Sulawesi | 0.2 | 99.8 | 2,733 |
| Gorontalo | 0.1 | 99.9 | 1,260 |
| West Sulawesi | 0.2 | 99.8 | 1,467 |
| Maluku | 0.2 | 99.8 | 1,753 |
| North Maluku | 0.6 | 99.4 | 1,222 |
| West Papua | 0.2 | 99.8 | 563 |
| Southwest Papua | 0.0 | 100.0 | 599 |
| Papua | 0.2 | 99.8 | 1,029 |
| South Papua | 0.4 | 99.6 | 546 |
| Central Papua | 0.5 | 99.5 | 1,528 |
| Highland Papua | 0.1 | 99.9 | 1,516 |
| INDONESIA | 0.3 | 99.7 | 315,646 |

Table 3.37. Proportion of Households Accessing the Pick-Up and Drop-Off Services (PSC 119) by Characteristic, 2023 SKI

| Characteristic | <u>Yes, Have Accessed</u> % | <u>Never Accessed</u> % | Weighted N |
|------------------------|--------------------------------|----------------------------|------------|
| Residence | | | |
| Urban | 0.4 | 99.6 | 183,418 |
| Rural | 0.3 | 99.7 | 132,228 |
| Economic Status | | | |
| Lowest | 0.2 | 99.8 | 50,291 |
| Lower middle | 0.2 | 99.8 | 59,016 |
| Middle | 0.2 | 99.8 | 65,697 |
| Upper middle | 0.3 | 99.7 | 71,513 |
| Highest | 0.6 | 99.4 | 69,104 |

3.7. UTILIZATION OF HEALTH SERVICES ABROAD

This question aims to determine the history of households in the utilization, types of services, and assessment of health services abroad in the last three years. This question applies to households that SPECIFICALLY sought medical treatment or health check-ups abroad. The calculation used is:

$$\frac{\text{Number of households that have sought treatment or health check-ups abroad in the last three years}}{\text{Number of interviewed households}} \times 100 \%$$

Table 3.38 Proportion of Households Utilizing Health Services Abroad in the Last 3 Years by Province, 2023 SKI

| Province | Yes, Have Accessed | Never Accessed | Weighted N |
|-------------------------|--------------------|----------------|----------------|
| | % | % | |
| Aceh | 0.3 | 99.7 | 5,756 |
| North Sumatra | 0.4 | 99.6 | 15,886 |
| West Sumatra | 0.1 | 99.9 | 6,043 |
| Riau | 0.4 | 99.6 | 7,052 |
| Jambi | 0.0 | 100.0 | 4,051 |
| South Sumatra | 0.1 | 99.9 | 9,402 |
| Bengkulu | 0.0 | 100.0 | 2,323 |
| Lampung | 0.0 | 100.0 | 10,424 |
| Bangka Belitung Islands | 0.1 | 99.9 | 1,708 |
| Riau Islands | 1.3 | 98.7 | 2,514 |
| DKI Jakarta | 0.2 | 99.8 | 12,318 |
| West Java | 0.0 | 100.0 | 58,514 |
| Central Java | 0.1 | 99.9 | 44,459 |
| DI Yogyakarta | 0.1 | 99.9 | 4,957 |
| East Java | 0.1 | 99.9 | 50,591 |
| Banten | 0.2 | 99.8 | 13,333 |
| Bali | 0.0 | 100.0 | 5,149 |
| West Nusa Tenggara | 0.1 | 99.9 | 6,849 |
| East Nusa Tenggara | 0.0 | 100.0 | 5,335 |
| West Kalimantan | 0.5 | 99.5 | 5,784 |
| Central Kalimantan | 0.0 | 100.0 | 3,178 |
| South Kalimantan | 0.0 | 100.0 | 5,023 |
| East Kalimantan | 0.1 | 99.9 | 4,320 |
| North Kalimantan | 0.2 | 99.8 | 729 |
| North Sulawesi | 0.0 | 100.0 | 3,031 |
| Central Sulawesi | 0.0 | 100.0 | 3,216 |
| South Sulawesi | 0.1 | 99.9 | 9,484 |
| Southeast Sulawesi | 0.0 | 100.0 | 2,733 |
| Gorontalo | 0.1 | 99.9 | 1,260 |
| West Sulawesi | 0.0 | 100.0 | 1,467 |
| Maluku | 0.0 | 100.0 | 1,753 |
| North Maluku | 0.0 | 100.0 | 1,222 |
| West Papua | 0.0 | 100.0 | 563 |
| Southwest Papua | 0.0 | 100.0 | 599 |
| Papua | 0.0 | 100.0 | 1,029 |
| South Papua | 0.0 | 100.0 | 546 |
| Central Papua | 0.0 | 100.0 | 1,528 |
| Highland Papua | 0.0 | 100.0 | 1,516 |
| INDONESIA | 0.1 | 99.9 | 315,646 |

Five most visited countries by households for health services are Malaysia, Singapore, Saudi Arabia, United Arab Emirates, and South Korea. The most utilized health service abroad is regular health check-up/MCU (65.7%).

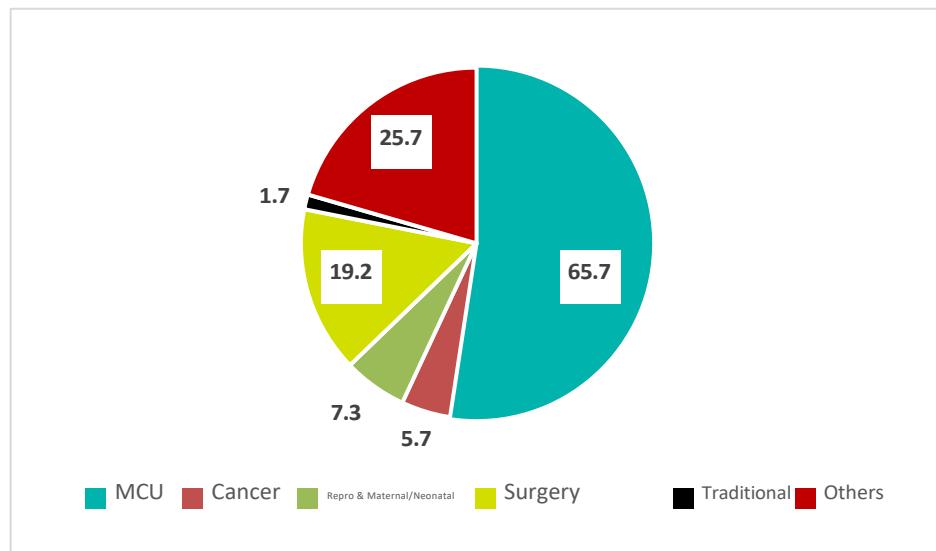


Figure 3.2. Proportion of Types of Services Utilized in the Past Year

Malaysia is the most accessed country by households for each type of health service, including: MCU, cancer treatment, reproductive and maternal and neonatal health services, surgery, traditional health services, and others.

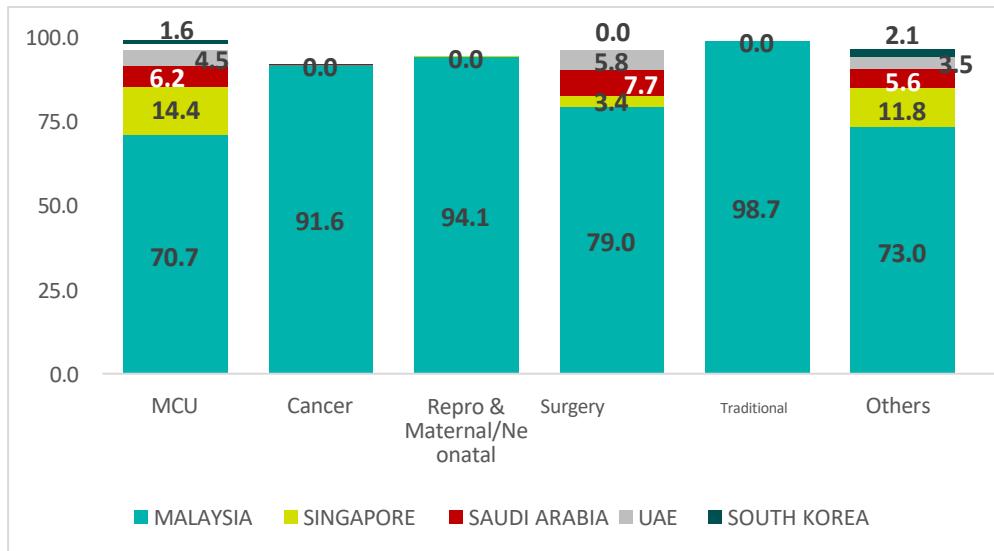


Figure 3.3. Proportion of Types of Services Accessed in the Five Most Visited Countries

Based on household assessments, 93.5% of households rated overseas health facilities as having comprehensive facilities, 91.7% rated the services provided as meeting expectations, and 89.3% rated the services as quick/precise/accurate.



Figure 3.4. Proportion of Perception of Healthcare Services Abroad

3.8. OWNERSHIP OF HEALTH INSURANCE

This question aims to determine the types of health insurance owned by all household members and still valid at the time of data collection. The types of health insurance include: BPJS Premium Assistance Beneficiaries (PBI), BPJS Non-PBI, Regional Health Insurance Program (Jamkesda), private health insurance, and others. Household members may have more than one type of health insurance.

- a. Proportion of household members who have valid health insurance by province:

$$= \frac{\text{Number of household members with valid health insurance}}{\text{Number of interviewed household members}} \times 100\%$$

- b. No health insurance:

$$= \frac{\text{Number of household members without health insurance}}{\text{Number of interviewed household members}} \times 100\%$$

- c. BPJS Non-PBI and private health insurance:

$$= \frac{\text{Number of household members with BPJS Non-PBI and private health insurance}}{\text{Number of interviewed household members}} \times 100\%$$

- d. Other combinations:

$$= \frac{\text{Number of household members with health insurance other than BPJS PBI, BPJS Non-PBI, Jamkesda, private health insurance, and others}}{\text{Number of interviewed household members}} \times 100\%$$

Table 3.39 Proportion of Types of Health Insurance Ownership by Province, 2023 SKI

| Province | BPJS PBI | BPJS Non-PBI | Jamkesda | Private Insurance | Others | BPJS Non-PBI & Private Insurance | Other Combinations | No Health Insurance | Weighted N |
|-------------------------|-------------|--------------|------------|-------------------|------------|----------------------------------|--------------------|---------------------|----------------|
| | % | % | % | % | % | % | % | % | |
| Aceh | 84.6 | 12.5 | 1.0 | 0.4 | 0.1 | 0.0 | 0.6 | 0.8 | 17,271 |
| North Sumatra | 41.9 | 24.6 | 0.6 | 1.4 | 0.4 | 0.0 | 0.7 | 30.5 | 48,469 |
| West Sumatra | 47.5 | 24.2 | 0.6 | 1.1 | 0.3 | 0.0 | 0.7 | 25.6 | 18,138 |
| Riau | 36.8 | 29.3 | 0.2 | 2.1 | 0.2 | 0.0 | 0.7 | 30.6 | 20,925 |
| Jambi | 29.9 | 29.6 | 1.2 | 1.0 | 0.7 | 0.0 | 0.6 | 37.0 | 11,588 |
| South Sumatra | 47.0 | 18.3 | 0.7 | 1.4 | 0.0 | 0.0 | 0.6 | 31.9 | 27,532 |
| Bengkulu | 50.6 | 22.7 | 0.5 | 1.3 | 0.1 | 0.0 | 0.6 | 24.2 | 6,571 |
| Lampung | 46.8 | 15.9 | 0.6 | 0.7 | 0.4 | 0.1 | 0.8 | 34.7 | 29,331 |
| Bangka Belitung Islands | 45.1 | 33.2 | 0.1 | 1.3 | 0.7 | 0.0 | 0.7 | 19.0 | 4,763 |
| Riau Islands | 33.4 | 46.6 | 0.2 | 5.1 | 0.0 | 0.2 | 0.6 | 13.9 | 6,782 |
| DKI Jakarta | 62.1 | 29.3 | 0.2 | 2.3 | 0.3 | 0.8 | 0.9 | 4.1 | 33,552 |
| West Java | 38.0 | 26.5 | 0.3 | 1.6 | 0.3 | 0.5 | 0.7 | 32.0 | 156,977 |
| Central Java | 43.7 | 23.4 | 0.3 | 0.5 | 0.2 | 0.1 | 0.7 | 31.1 | 118,184 |
| DI Yogyakarta | 55.7 | 29.4 | 0.3 | 0.6 | 0.1 | 0.2 | 0.8 | 12.9 | 11,757 |
| East Java | 43.4 | 20.7 | 0.5 | 0.8 | 0.4 | 0.1 | 0.7 | 33.5 | 130,683 |
| Banten | 38.6 | 30.1 | 0.3 | 2.4 | 0.1 | 0.6 | 0.9 | 27.1 | 38,751 |
| Bali | 49.1 | 39.1 | 1.5 | 0.5 | 0.1 | 0.0 | 0.6 | 9.1 | 13,859 |
| West Nusa Tenggara | 52.9 | 11.4 | 0.2 | 0.5 | 0.2 | 0.1 | 0.7 | 34.1 | 17,522 |
| East Nusa Tenggara | 52.8 | 15.2 | 0.6 | 0.2 | 0.6 | 0.0 | 0.7 | 30.0 | 17,550 |
| West Kalimantan | 36.8 | 25.6 | 0.4 | 0.9 | 0.4 | 0.0 | 0.6 | 35.4 | 17,713 |
| Central Kalimantan | 39.9 | 27.7 | 0.8 | 1.6 | 0.2 | 0.0 | 0.7 | 29.0 | 8,737 |
| South Kalimantan | 43.0 | 29.0 | 0.1 | 1.3 | 0.2 | 0.0 | 0.7 | 25.7 | 13,299 |
| East Kalimantan | 40.8 | 40.8 | 0.5 | 4.4 | 0.1 | 0.7 | 0.8 | 11.9 | 12,360 |
| North Kalimantan | 54.6 | 34.9 | 1.5 | 1.0 | 0.7 | 0.2 | 0.7 | 6.3 | 2,300 |
| North Sulawesi | 55.6 | 24.0 | 2.8 | 2.1 | 0.1 | 0.0 | 1.0 | 14.4 | 8,439 |
| Central Sulawesi | 57.6 | 21.3 | 1.0 | 0.8 | 0.2 | 0.0 | 0.6 | 18.6 | 9,721 |
| South Sulawesi | 59.8 | 22.8 | 1.3 | 1.1 | 0.1 | 0.0 | 0.8 | 14.1 | 29,481 |
| Southeast Sulawesi | 55.9 | 19.4 | 2.0 | 1.9 | 0.2 | 0.1 | 0.5 | 20.0 | 8,664 |
| Gorontalo | 70.0 | 15.9 | 0.1 | 1.9 | 0.0 | 0.2 | 0.8 | 11.1 | 3,821 |
| West Sulawesi | 67.4 | 16.3 | 0.1 | 0.6 | 0.2 | 0.0 | 0.9 | 14.4 | 4,667 |
| Maluku | 39.5 | 19.5 | 0.5 | 0.4 | 0.1 | 0.0 | 0.6 | 39.4 | 6,050 |
| North Maluku | 37.3 | 18.3 | 1.9 | 0.2 | 0.0 | 0.0 | 0.8 | 41.5 | 4,213 |
| West Papua | 48.8 | 18.2 | 0.4 | 1.1 | 0.2 | 0.0 | 1.1 | 30.1 | 1,795 |
| Southwest Papua | 66.6 | 11.0 | 0.7 | 0.9 | 0.0 | 0.0 | 0.6 | 20.1 | 1,947 |
| Papua | 55.1 | 18.8 | 1.2 | 0.5 | 1.2 | 0.1 | 1.1 | 22.0 | 3,299 |
| South Papua | 37.9 | 21.4 | 3.0 | 1.0 | 0.8 | 0 | 1.0 | 34.8 | 1,684 |
| Central Papua | 37.7 | 12.3 | 3.4 | 1.5 | 0.4 | 0 | 2.0 | 42.7 | 4,577 |
| Highland Papua | 34.2 | 7.4 | 1.5 | 0 | 0.2 | 0 | 1.3 | 55.4 | 4,563 |
| INDONESIA | 45.3 | 24.0 | 0.5 | 1.2 | 0.3 | 0.2 | 0.7 | 27.8 | 877,531 |

Table 3.40 Proportion of Types of Health Insurance Ownership by Characteristic, 2023 SKI

| Characteristic | BPJS PBI | BPJS Non-PBI | Jamkesda | Private Insurance | Others | BPJS Non-PBI & Private Insurance | Other Combinations | No Health Insurance | Weighted N |
|--|----------|--------------|----------|-------------------|--------|----------------------------------|--------------------|---------------------|------------|
| | % | % | % | % | % | % | % | % | |
| Age Range (Year) | | | | | | | | | |
| <1 | 26.5 | 23.0 | 0.4 | 1.3 | 0.3 | 0.3 | 1.0 | 47.3 | 11,518 |
| 1-4 | 30.6 | 25.5 | 0.4 | 1.5 | 0.2 | 0.4 | 1.1 | 40.3 | 59,253 |
| 5-14 | 40.7 | 24.2 | 0.5 | 1.3 | 0.2 | 0.3 | 1.3 | 31.4 | 138,465 |
| 15-24 | 49.6 | 21.6 | 0.6 | 1.0 | 0.3 | 0.1 | 0.6 | 26.1 | 139,891 |
| 25-34 | 44.1 | 27.3 | 0.5 | 1.6 | 0.2 | 0.3 | 0.6 | 25.4 | 140,206 |
| 35-44 | 45.2 | 25.7 | 0.5 | 1.4 | 0.3 | 0.3 | 0.5 | 26.2 | 131,595 |
| 45-54 | 49.3 | 23.0 | 0.5 | 1.1 | 0.3 | 0.1 | 0.5 | 25.2 | 113,367 |
| 55-64 | 50.5 | 22.4 | 0.7 | 0.8 | 0.3 | 0.1 | 0.6 | 24.6 | 81,723 |
| 65-74 | 51.3 | 20.7 | 0.7 | 0.9 | 0.4 | 0.1 | 0.7 | 25.3 | 44,881 |
| 75+ | 53.4 | 18.0 | 0.8 | 0.8 | 0.3 | 0.0 | 0.7 | 25.9 | 16,632 |
| Residence | | | | | | | | | |
| Urban | 42.5 | 30.9 | 0.5 | 1.7 | 0.3 | 0.3 | 0.8 | 23.0 | 512,403 |
| Rural | 49.1 | 14.2 | 0.6 | 0.6 | 0.2 | 0.0 | 0.7 | 34.5 | 365,128 |
| Education | | | | | | | | | |
| Never attended school/out of school | 44.7 | 17.4 | 0.6 | 0.9 | 0.2 | 0.2 | 1.3 | 34.7 | 69,130 |
| Some primary school/Islamic primary school | 46.2 | 19.7 | 0.6 | 0.9 | 0.2 | 0.1 | 1.2 | 30.9 | 115,061 |
| Primary school/Islamic primary school graduate | 53.4 | 13.6 | 0.5 | 0.5 | 0.2 | 0.0 | 0.5 | 31.2 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 50.1 | 19.4 | 0.5 | 0.9 | 0.2 | 0.0 | 0.6 | 28.3 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 43.8 | 31.8 | 0.5 | 1.8 | 0.3 | 0.1 | 0.6 | 21.1 | 216,658 |
| D1/D2/D3 graduate | 34.5 | 48.9 | 0.7 | 2.9 | 0.5 | 0.4 | 0.7 | 11.3 | 24,647 |
| University graduate | 27.3 | 56.0 | 0.7 | 3.6 | 0.5 | 0.8 | 0.6 | 10.2 | 39,403 |
| Occupation | | | | | | | | | |
| Unemployed | 49.1 | 21.6 | 0.6 | 1.1 | 0.2 | 0.2 | 0.6 | 26.7 | 213,116 |
| Student | 46.5 | 24.8 | 0.5 | 1.2 | 0.3 | 0.2 | 0.6 | 25.9 | 117,785 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 30.2 | 60.5 | 1.4 | 2.5 | 1.0 | 0.5 | 0.7 | 3.2 | 20,811 |
| Private employee | 35.9 | 44.7 | 0.3 | 3.4 | 0.3 | 0.6 | 0.6 | 14.2 | 76,283 |
| Self-employed | 43.8 | 24.4 | 0.5 | 1.1 | 0.2 | 0.1 | 0.5 | 29.4 | 102,060 |
| Farmer/farm worker | 55.2 | 8.8 | 0.7 | 0.2 | 0.2 | 0.0 | 0.5 | 34.5 | 107,876 |
| Fisher | 64.3 | 8.7 | 0.8 | 0.8 | 0.2 | 0.1 | 0.4 | 24.8 | 5,358 |
| Labor/driver/domestic help | 56.0 | 14.4 | 0.5 | 0.4 | 0.2 | 0.0 | 0.5 | 27.9 | 54,102 |
| Others | 49.3 | 26.0 | 0.8 | 1.2 | 0.4 | 0.1 | 0.5 | 21.9 | 40,262 |

3.9. HISTORY OF HOUSEHOLD MEMBERS AGED \geq 15 UTILIZING ONLINE HEALTH SERVICES (TELEMEDICINE)

According to Health Law Number 17 of 2023, telemedicine is the provision and facilitation of clinical services through telecommunications and digital communication technology. Telehealth is the provision and facilitation of health services, including public health, health information services, and self-services, through telecommunications and digital communication technology. This question aims to capture the utilization of various online health services by household members, with the calculation as follows:

$$= \frac{\text{Number of household members aged } \geq 15 \text{ utilizing online health services in the last year}}{\text{Number of interviewed household members aged } \geq 15 \text{ years}} \times 100 \%$$

Table 3.41 Proportion of Household Members Aged ≥ 15 Years Utilizing Online Health Services (Telemedicine) by Province, 2023 SKI

| Province | Utilization of Online Health Services (Telemedicine) ¹ | | Weighted N |
|-------------------------|--|-------------|----------------|
| | Have Utilized | Never | |
| | (%) | (%) | |
| Aceh | 0.7 | 99.3 | 12,053 |
| North Sumatra | 0.9 | 99.1 | 33,884 |
| West Sumatra | 1.2 | 98.8 | 13,042 |
| Riau | 2.0 | 98.0 | 14,599 |
| Jambi | 0.6 | 99.4 | 8,242 |
| South Sumatra | 0.9 | 99.1 | 19,474 |
| Bengkulu | 0.8 | 99.2 | 4,687 |
| Lampung | 0.6 | 99.4 | 21,021 |
| Bangka Belitung Islands | 1.4 | 98.6 | 3,451 |
| Riau Islands | 0.8 | 99.2 | 4,780 |
| DKI Jakarta | 5.4 | 94.6 | 24,981 |
| West Java | 3.2 | 96.8 | 114,619 |
| Central Java | 2.6 | 97.4 | 88,180 |
| DI Yogyakarta | 6.4 | 93.6 | 8,988 |
| East Java | 2.5 | 97.5 | 98,738 |
| Banten | 2.7 | 97.3 | 27,784 |
| Bali | 1.9 | 98.1 | 10,476 |
| West Nusa Tenggara | 0.7 | 99.3 | 12,186 |
| East Nusa Tenggara | 0.3 | 99.7 | 11,853 |
| West Kalimantan | 1.2 | 98.8 | 12,637 |
| Central Kalimantan | 0.4 | 99.6 | 6,286 |
| South Kalimantan | 1.1 | 98.9 | 9,352 |
| East Kalimantan | 2.9 | 97.1 | 8,929 |
| North Kalimantan | 2.1 | 97.9 | 1,654 |
| North Sulawesi | 1.5 | 98.5 | 6,239 |
| Central Sulawesi | 1.3 | 98.7 | 6,851 |
| South Sulawesi | 2.2 | 97.8 | 21,459 |
| Southeast Sulawesi | 0.8 | 99.2 | 5,977 |
| Gorontalo | 1.6 | 98.4 | 2,762 |
| West Sulawesi | 1.4 | 98.6 | 3,212 |
| Maluku | 0.3 | 99.7 | 4,299 |
| North Maluku | 0.6 | 99.4 | 2,938 |
| West Papua | 0.7 | 99.3 | 1,259 |
| Southwest Papua | 0.9 | 99.1 | 1,387 |
| Papua | 1.4 | 98.6 | 2,114 |
| South Papua | 0.9 | 99.1 | 987 |
| Central Papua | 1.8 | 98.2 | 3,304 |
| Highland Papua | 0.3 | 99.7 | 3,496 |
| INDONESIA | 2.2 | 97.8 | 638,178 |

¹Utilizing telemedicine for personal purposes, although assisted by other people.

Table 3.42 Proportion of Household Members Aged ≥ 15 Years Utilizing Online Health Services (Telemedicine) by Characteristic, 2023 SKI

| Characteristic | Utilization of Online Health Services (Telemedicine) ¹ | | Weighted N |
|--|--|--------------|------------|
| | Have Utilized (%) | Never (%) | |
| Age Range (Year) | | | |
| 15-24 | 2.4 | 97.6 | 133,587 |
| 25-34 | 3.8 | 96.2 | 133,887 |
| 35-44 | 2.2 | 97.8 | 125,664 |
| 45-54 | 1.6 | 98.4 | 108,259 |
| 55-64 | 1.2 | 98.8 | 78,040 |
| 65-74 | 1.0 | 99.0 | 42,858 |
| 75+ | 0.5 | 99.5 | 15,882 |
| Sex | | | |
| Male | 1.7 | 98.3 | 321,060 |
| Female | 2.7 | 97.3 | 17,118 |
| Education | | | |
| Never attended school | 0.4 | 99.6 | 28,242 |
| Some primary school/Islamic primary school | 0.6 | 99.4 | 41,063 |
| Primary school/Islamic primary school graduate | 0.5 | 99.5 | 164,806 |
| Junior secondary school/Islamic junior secondary school graduate | 1.2 | 98.8 | 136,092 |
| Senior secondary school/Islamic senior secondary school graduate | 3.0 | 97.0 | 206,812 |
| D1/D2/D3/university graduate | 8.7 | 91.3 | 61,163 |
| Occupation | | | |
| Unemployed | 2.1 | 97.9 | 190,053 |
| Student | 2.3 | 97.7 | 60,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 6.3 | 93.7 | 19,874 |
| Private employee | 5.4 | 94.6 | 72,773 |
| Self-employed | 2.1 | 97.9 | 97,402 |
| Farmer/farm worker | 0.3 | 99.7 | 102,975 |
| Fisher | 0.4 | 99.6 | 5,107 |
| Labor/driver/domestic help | 0.9 | 99.1 | 51,619 |
| Others | 2.2 | 97.8 | 38,313 |
| Residence | | | |
| Urban | 3.1 | 96.9 | 374,080 |
| Rural | 0.9 | 99.1 | 264,098 |
| Economic Status | | | |
| Lowest | 0.4 | 99.6 | 93,524 |
| Lower middle | 0.6 | 99.4 | 116,496 |
| Middle | 1.2 | 98.8 | 134,549 |
| Upper middle | 2.0 | 98.0 | 147,605 |
| Highest | 5.9 | 94.1 | 145,956 |

¹Utilizing telemedicine for personal purposes, although assisted by other people.

Proportion of Types of Online Health Services (Telemedicine) Utilized by Household Members Aged ≥15

There are several types of online health services, including registration, communication information and education (CIE), clinical consultations including pre- and post-vaccination consultations, provision of remote pharmacy services (telepharmacy) such as ordering over-the-counter medicines, and preparation for laboratory and radiology examinations. The calculation for the proportion is as follows:

$$\frac{\text{Number of household members aged } \geq 15 \text{ utilizing types of online health services}}{\text{Number of interviewed household members aged } \geq 15} \times 100\%$$

Table 3.43. Proportion of Types of Online Health Services (Telemedicine) Utilized by Household Members Aged ≥ 15 by Province, 2023 SKI

| Province | Type of Online Health Services (Telemedicine) | | | | Weighted N |
|-------------------------|---|--|--|--|---------------|
| | Registration | Health Communication, Information, and Education (KIE) | Clinical Consultations, Including Pre-Post Vaccination | Telepharmacy and Preparation for Laboratory and Radiology Examinations | |
| | % | % | % | % | |
| Aceh | 72.5 | 58.2 | 23.3 | 10.2 | 87 |
| North Sumatra | 52.2 | 82.0 | 10.4 | 5.8 | 310 |
| West Sumatra | 59.1 | 65.8 | 11.8 | 4.5 | 162 |
| Riau | 72.7 | 37.7 | 7.5 | 6.4 | 297 |
| Jambi | 78.1 | 61.5 | 9.2 | 7.7 | 53 |
| South Sumatra | 74.6 | 63.1 | 15.7 | 6.0 | 177 |
| Bengkulu | 77.0 | 49.8 | 12.1 | 7.5 | 36* |
| Lampung | 49.3 | 75.8 | 9.3 | 2.9 | 131 |
| Bangka Belitung Islands | 33.7 | 87.1 | 6.7 | 3.6 | 49* |
| Riau Islands | 42.5 | 89.4 | 24.9 | 9.3 | 40* |
| DKI Jakarta | 68.0 | 78.1 | 15.0 | 13.5 | 1,340 |
| West Java | 63.6 | 57.5 | 16.0 | 9.5 | 3,628 |
| Central Java | 70.6 | 47.2 | 8.2 | 4.2 | 2,291 |
| DI Yogyakarta | 77.9 | 41.6 | 6.8 | 4.9 | 573 |
| East Java | 65.1 | 55.8 | 10.8 | 7.8 | 2,437 |
| Banten | 50.7 | 66.0 | 16.1 | 13.9 | 750 |
| Bali | 80.7 | 36.4 | 3.1 | 2.9 | 200 |
| West Nusa Tenggara | 58.8 | 54.1 | 12.4 | 10.3 | 89 |
| East Nusa Tenggara | 29.9 | 74.9 | 13.5 | 9.8 | 41* |
| West Kalimantan | 52.1 | 60.2 | 17.8 | 3.3 | 150 |
| Central Kalimantan | 31.4 | 82.9 | 14.8 | 5.5 | 27* |
| South Kalimantan | 75.1 | 50.7 | 8.2 | 9.2 | 102 |
| East Kalimantan | 66.4 | 62.5 | 20.6 | 11.1 | 263 |
| North Kalimantan | 95.1 | 34.2 | 16.4 | 5.9 | 34* |
| North Sulawesi | 60.0 | 66.3 | 19.7 | 8.2 | 95 |
| Central Sulawesi | 20.2 | 90.6 | 5.1 | 2.0 | 91 |
| South Sulawesi | 70.6 | 55.6 | 18.5 | 6.6 | 471 |
| Southeast Sulawesi | 44.0 | 75.9 | 15.0 | 3.6 | 49* |
| Gorontalo | 39.8 | 79.8 | 6.9 | 5.3 | 46* |
| West Sulawesi | 44.4 | 60.4 | 13.1 | 6.0 | 44* |
| Maluku | 34.8 | 86.0 | 6.1 | 11.6 | 15* |
| North Maluku | 39.5 | 72.2 | 10.6 | 7.2 | 18* |
| West Papua | 23.4 | 76.9 | 13.5 | 20.2 | 9* |
| Southwest Papua | 44.1 | 73.1 | 3.7 | 0.6 | 13* |
| Papua | 53.0 | 78.6 | 10.8 | 1.0 | 29* |
| South Papua | 77.0 | 63.8 | 33.9 | 33.9 | 9* |
| Central Papua | 50.3 | 59.4 | 37.7 | 36.1 | 58 |
| Highland Papua | 14.0 | 20.2 | 14.2 | 9.0 | 11* |
| INDONESIA | 64.8 | 58.2 | 12.9 | 8.2 | 14,226 |

*Weighted N < 50

Table 3.44 Proportion of Types of Online Health Services (Telemedicine) Utilized by Household Members Aged ≥ 15 by Characteristic, 2023 SKI

| Characteristic | Type of Online Health Services (Telemedicine) | | | | Weighted N |
|--|---|--|--|--|------------|
| | Registration | Health Communication, Information, and Education (KIE) | Clinical Consultations, Including Pre-Post Vaccination | Telepharmacy and Preparation for Laboratory and Radiology Examinations | |
| | % | % | % | % | |
| Age Range (Year) | | | | | |
| 15-24 | 56.1 | 66.9 | 14.0 | 4.7 | 3,218 |
| 25-34 | 62.8 | 64.7 | 14.0 | 10.0 | 5,059 |
| 35-44 | 66.6 | 53.5 | 10.2 | 8.7 | 2,770 |
| 45-54 | 70.7 | 47.8 | 13.1 | 8.4 | 1,733 |
| 55-64 | 77.6 | 41.8 | 12.0 | 7.5 | 923 |
| 65-74 | 88.1 | 28.6 | 10.4 | 8.6 | 441 |
| 75+ | 80.3 | 37.0 | 9.7 | 12.9 | 83 |
| Sex | | | | | |
| Male | 66.1 | 55.0 | 14.4 | 9.3 | 5,572 |
| Female | 64.0 | 60.2 | 11.9 | 7.4 | 8,654 |
| Education | | | | | |
| Never attended school | 62.6 | 47.8 | 6.7 | 8.3 | 103 |
| Some primary school/Islamic primary school | 65.2 | 45.1 | 11.5 | 5.4 | 231 |
| Primary school/Islamic primary school graduate | 68.2 | 37.3 | 6.9 | 2.8 | 870 |
| Junior secondary school/Islamic junior secondary school graduate | 62.5 | 52.2 | 8.9 | 3.1 | 1,587 |
| Senior secondary school/Islamic senior secondary school graduate | 63.7 | 57.8 | 13.1 | 8.0 | 6,127 |
| D1/D2/D3/university graduate | 66.3 | 64.7 | 15.0 | 10.9 | 5,308 |
| Occupation | | | | | |
| Unemployed | 64.7 | 58.0 | 10.9 | 6.8 | 3,981 |
| Student | 54.2 | 68.7 | 12.4 | 4.5 | 1,391 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 67.8 | 57.5 | 17.0 | 11.0 | 1,245 |
| Private employee | 67.2 | 61.4 | 16.0 | 11.9 | 3,926 |
| Self-employed | 64.1 | 52.4 | 9.6 | 6.9 | 2,045 |
| Fisher | 80.3 | 76.1 | 3.9 | 1.6 | 19 |
| Labor/driver/domestic help | 68.8 | 41.6 | 16.2 | 2.4 | 464 |
| Others | 66.3 | 54.4 | 10.2 | 5.6 | 831 |
| Residence | | | | | |
| Urban | 66.2 | 58.3 | 13.7 | 9.0 | 11,735 |
| Rural | 58.2 | 57.7 | 9.2 | 4.5 | 3,218 |
| Economic Status | | | | | |
| Lowest | 48.5 | 58.4 | 15.7 | 7.7 | 258 |
| Lower middle | 60.6 | 51.5 | 10.0 | 3.7 | 524 |
| Middle | 62.9 | 48.8 | 10.2 | 3.6 | 1,120 |
| Upper middle | 64.7 | 53.5 | 9.6 | 4.6 | 2,158 |
| Highest | 66.3 | 62.1 | 14.7 | 10.7 | 6,158 |

CHAPTER 4

ENVIRONMENTAL HEALTH

In the Environmental Health Chapter, the topics discussed include drinking water, sanitation, waste disposal, waste management, basic hygiene, habitable housing, and efforts to eliminate mosquito breeding sites. These questions aim to address the SDG indicators and the Community-Based Total Sanitation (STBM) indicators. All questions in this section are asked to households using interview and observation methods.

4.1. WATER

For the 2023 SKI, the SDG indicator to be measured is indicator 6.1, which is the proportion of the population using safe drinking water sources. This indicator can only be measured up to access to adequate water because there is no data regarding the quality of drinking water tests and its availability when needed. Several components that are assessed for access to adequate drinking water include the type of main drinking water source, location, and round-trip travel time to fetch water (including queueing time).

Based on the SDG ladder, there are 5 (five) levels that need to be measured to achieve target 6.1 of the SDGs:

SDG Ladder and Definition of Drinking Water Access in Indonesia

| | |
|-----------------------|--|
| No Access | Ladder 1: Surface water or no access refers to households using water sources directly from surface water (such as rivers, lakes, reservoirs, ponds, irrigation) without any treatment. |
| Inadequate Access | Ladder 2: Inadequate access refers to households using drinking water sources from (i) unprotected wells; (ii) unprotected springs. |
| Adequate Access | Ladder 3: Limited access refers to households using adequate drinking water sources where the round-trip time to collect water from the home to the water source is more than (>) 30 minutes (this includes travel time and queueing time). Ladder 4: Basic access refers to households using adequate drinking water sources where the round-trip time to collect water from the home to the water source is less than or equal to (\leq) 30 minutes (this includes travel time and queueing time) |
| Safely Managed Access | Ladder 5: Safely managed access refers to households using adequate drinking water sources where the water source is located on the premises or in the yard, available whenever needed, and the drinking water quality meets the drinking water quality standards (in Indonesia, drinking water quality standards are set according to the Ministry of Health Regulation No. 492 of 2010). |

Soruce: Guidelines for Measuring Development and Settlement Achievements Based on Outcomes, Bappenas, 2020

Several adjustments made include the addition of the component of water sources for bathing/washing as an additional component that is only assessed if the household's main water source is branded bottled water and/or refilled water. This adjustment is made because bottled/refilled drinking water is not considered as adequate access when taking into account the water source for cooking and sanitation, which uses protected drinking water sources.

Table 4.1 Proportion of Types of Main Household Drinking Water Source by Province, 2023 SKI

| Province | Bottled Water | Refilled Water | Piped Water | Borehole/Pump Well | Protected Dug Well | Unprotected Dug Well | Protected Spring | Unprotected Spring | Rainwater Harvesting | Surface Water | Water Hydrant | Water Terminal | Purchased Retail Water | Weighted N |
|-------------------------|---------------|----------------|-------------|--------------------|--------------------|----------------------|------------------|--------------------|----------------------|---------------|---------------|----------------|------------------------|----------------|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| Aceh | 2.5 | 45.3 | 11.4 | 8.5 | 18.8 | 4.3 | 5.0 | 1.0 | 0.3 | 1.0 | 0.4 | 0.4 | 1.3 | 5,756 |
| North Sumatra | 3.3 | 36.4 | 18.5 | 23.3 | 7.5 | 1.6 | 4.8 | 1.5 | 1.9 | 0.4 | 0.1 | 0.4 | 0.5 | 15,886 |
| West Sumatra | 1.8 | 42.4 | 21.0 | 6.4 | 15.1 | 2.1 | 7.7 | 2.2 | 0.9 | 0.3 | 0.0 | 0.1 | 0.1 | 6,043 |
| Riau | 2.5 | 55.0 | 1.2 | 12.3 | 10.1 | 1.7 | 0.3 | 1.4 | 14.0 | 0.2 | 0.0 | 0.0 | 1.4 | 7,052 |
| Jambi | 5.1 | 28.3 | 12.7 | 4.7 | 36.1 | 3.9 | 1.1 | 0.4 | 7.6 | 0.1 | 0.0 | 0.0 | 0.1 | 4,051 |
| South Sumatra | 1.7 | 23.8 | 18.4 | 9.4 | 34.2 | 4.0 | 1.4 | 0.7 | 4.8 | 1.4 | 0.1 | 0.1 | 0.1 | 9,403 |
| Bengkulu | 0.6 | 14.1 | 19.0 | 9.3 | 48.1 | 6.5 | 1.1 | 0.5 | 0.1 | 0.6 | 0.1 | 0.0 | 0.0 | 2,323 |
| Lampung | 5.4 | 18.4 | 4.8 | 14.9 | 37.1 | 13.0 | 3.6 | 1.1 | 0.1 | 0.3 | 0.1 | 0.3 | 0.9 | 10,424 |
| Bangka Belitung Islands | 6.7 | 61.8 | 1.0 | 7.2 | 19.2 | 3.0 | 0.7 | 0.2 | 0.1 | 0.1 | 0.0 | 0.0 | 0.2 | 1,708 |
| Riau Islands | 13.2 | 65.3 | 6.7 | 1.7 | 7.1 | 3.6 | 0.5 | 0.2 | 0.1 | 0.0 | 0.0 | 0.4 | 1.4 | 2,514 |
| DKI Jakarta | 34.2 | 44.7 | 8.1 | 11.7 | 0.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.2 | 0.5 | 0.3 | 12,318 |
| West Java | 13.8 | 37.0 | 7.5 | 14.9 | 15.8 | 1.5 | 7.0 | 1.7 | 0.0 | 0.2 | 0.2 | 0.2 | 0.2 | 58,514 |
| Central Java | 10.5 | 23.7 | 22.3 | 11.0 | 15.4 | 2.7 | 10.7 | 1.2 | 0.1 | 0.3 | 0.2 | 0.3 | 1.6 | 44,459 |
| DI Yogyakarta | 13.9 | 11.7 | 15.6 | 14.4 | 29.9 | 8.8 | 3.3 | 0.4 | 1.4 | 0.1 | 0.0 | 0.1 | 0.5 | 4,957 |
| East Java | 18.5 | 20.3 | 15.8 | 20.6 | 13.5 | 1.4 | 7.1 | 0.8 | 0.1 | 0.1 | 0.3 | 0.4 | 1.2 | 50,591 |
| Banten | 22.1 | 36.6 | 3.2 | 21.9 | 9.3 | 0.7 | 4.1 | 0.5 | 0.2 | 0.2 | 0.4 | 0.2 | 0.5 | 13,333 |
| Bali | 34.4 | 17.3 | 27.9 | 4.2 | 3.3 | 0.2 | 6.3 | 3.3 | 1.6 | 0.1 | 0.2 | 0.3 | 1.0 | 5,149 |
| West Nusa Tenggara | 7.9 | 27.0 | 26.0 | 14.6 | 17.6 | 2.3 | 3.8 | 0.3 | 0.0 | 0.1 | 0.1 | 0.2 | 0.2 | 6,849 |
| East Nusa Tenggara | 0.9 | 10.0 | 38.5 | 7.0 | 10.6 | 6.3 | 9.2 | 4.3 | 1.9 | 2.2 | 2.1 | 2.9 | 4.0 | 5,335 |
| West Kalimantan | 2.7 | 28.0 | 12.6 | 4.0 | 5.0 | 0.9 | 3.0 | 2.6 | 38.6 | 2.4 | 0.0 | 0.0 | 0.1 | 5,784 |
| Central Kalimantan | 4.4 | 52.7 | 5.9 | 12.9 | 6.9 | 1.1 | 3.1 | 1.8 | 5.3 | 5.4 | 0.0 | 0.3 | 0.2 | 3,178 |
| South Kalimantan | 4.7 | 40.5 | 24.7 | 8.9 | 10.1 | 1.7 | 1.4 | 0.4 | 0.5 | 4.2 | 0.0 | 0.3 | 2.6 | 5,023 |
| East Kalimantan | 6.0 | 73.6 | 9.8 | 1.9 | 1.9 | 0.5 | 2.4 | 0.8 | 1.7 | 0.7 | 0.1 | 0.3 | 0.4 | 4,320 |
| North Kalimantan | 3.5 | 70.3 | 5.5 | 1.6 | 0.6 | 0.3 | 5.1 | 0.5 | 12.3 | 0.4 | 0.0 | 0.0 | 0.0 | 729 |
| North Sulawesi | 11.6 | 44.2 | 15.2 | 8.5 | 9.3 | 2.3 | 6.5 | 0.9 | 0.7 | 0.5 | 0.1 | 0.1 | 0.2 | 3,031 |
| Central Sulawesi | 2.6 | 45.4 | 20.6 | 11.4 | 7.1 | 1.3 | 8.6 | 1.4 | 0.7 | 0.8 | 0.0 | 0.0 | 0.1 | 3,216 |
| South Sulawesi | 3.2 | 38.2 | 16.1 | 17.4 | 10.5 | 1.7 | 9.0 | 2.3 | 0.8 | 0.3 | 0.0 | 0.0 | 0.6 | 9,484 |
| Southeast Sulawesi | 3.6 | 38.8 | 21.3 | 12.5 | 13.2 | 2.7 | 4.1 | 0.7 | 1.5 | 0.2 | 0.1 | 0.1 | 1.2 | 2,733 |
| Gorontalo | 3.3 | 65.1 | 5.8 | 10.8 | 12.1 | 1.1 | 0.9 | 0.5 | 0.0 | 0.3 | 0.0 | 0.1 | 0.1 | 1,260 |
| West Sulawesi | 1.6 | 32.0 | 17.2 | 13.8 | 10.8 | 3.3 | 15.5 | 2.3 | 0.7 | 2.6 | 0.1 | 0.1 | 0.1 | 1,468 |
| Maluku | 1.0 | 24.7 | 36.4 | 7.3 | 16.2 | 5.8 | 4.4 | 0.5 | 1.4 | 0.4 | 0.1 | 0.5 | 1.5 | 1,753 |
| North Maluku | 1.4 | 25.0 | 38.1 | 8.0 | 12.7 | 7.1 | 3.6 | 0.6 | 2.5 | 1.0 | 0.0 | 0.0 | 0.1 | 1,222 |
| West Papua | 4.5 | 31.3 | 12.1 | 8.2 | 11.4 | 1.9 | 14.5 | 3.0 | 10.1 | 1.9 | 0.1 | 1.1 | 0.1 | 563 |
| Southwest Papua | 4.2 | 55.2 | 8.0 | 3.6 | 3.5 | 4.7 | 3.2 | 2.0 | 11.3 | 2.9 | 0.1 | 0.6 | 0.8 | 599 |
| Papua | 1.5 | 48.8 | 24.9 | 5.3 | 3.0 | 1.5 | 5.0 | 1.5 | 6.7 | 1.9 | 0.0 | 0.0 | 0.0 | 1,030 |
| South Papua | 8.0 | 33.1 | 1.7 | 3.5 | 9.6 | 13.3 | 2.0 | 2.2 | 23.5 | 2.4 | 0.0 | 0.1 | 0.6 | 546 |
| Central Papua | 1.9 | 23.9 | 10.3 | 2.8 | 1.3 | 0.5 | 9.6 | 16.3 | 29.8 | 3.5 | 0.1 | 0.0 | 0.0 | 1,528 |
| Highland Papua | 2.6 | 10.0 | 6.7 | 2.1 | 1.4 | 0.9 | 17.0 | 22.4 | 26.0 | 10.9 | 0.0 | 0.1 | 0.0 | 1,516 |
| INDONESIA | 11.6 | 31.7 | 14.6 | 13.9 | 14.5 | 2.4 | 6.1 | 1.4 | 2.1 | 0.6 | 0.2 | 0.3 | 0.8 | 315,646 |

Table 4.2. Proportion of Types of Main Household Drinking Water Source by Characteristic, 2023 SKI

| Province | Bottled Water | Refilled Water | Piped Water | Borehole /Pump Well | Protected Dug Well | Unprotected Dug Well | Protected Spring | Unprotected Spring | Rainwater Harvesting | Surface Water | Water Hydrant | Water Terminal | Purchased Retail Water | Weighted N |
|--|---------------|----------------|-------------|---------------------|--------------------|----------------------|------------------|--------------------|----------------------|---------------|---------------|----------------|------------------------|------------|
| | % | % | % | % | % | % | % | % | % | % | % | % | % | |
| Education | | | | | | | | | | | | | | |
| Never attended school | 3.7 | 18.9 | 17.6 | 16.2 | 18.1 | 4.2 | 8.7 | 4.1 | 5.1 | 1.8 | 0.2 | 0.4 | 0.9 | 16,103 |
| Some primary school/Islamic primary school | 4.8 | 24.2 | 16.7 | 17.3 | 17.4 | 3.5 | 8.9 | 2.1 | 3.0 | 0.8 | 0.2 | 0.2 | 0.9 | 23,447 |
| Primary school/Islamic primary school graduate | 5.0 | 26.4 | 16.0 | 15.4 | 18.3 | 3.3 | 9.0 | 1.9 | 2.4 | 0.8 | 0.1 | 0.3 | 0.9 | 96,195 |
| Junior secondary school/Islamic junior secondary school graduate | 9.4 | 33.7 | 14.4 | 13.6 | 15.7 | 2.5 | 5.8 | 1.2 | 1.8 | 0.5 | 0.2 | 0.3 | 0.9 | 55,131 |
| Senior secondary school/Islamic senior secondary school graduate | 16.7 | 39.2 | 12.9 | 12.5 | 10.6 | 1.5 | 3.2 | 0.7 | 1.3 | 0.2 | 0.2 | 0.3 | 0.7 | 93,217 |
| D1/D2/D3/university graduate | 29.1 | 34.4 | 12.3 | 9.8 | 7.9 | 0.7 | 2.5 | 0.6 | 1.3 | 0.1 | 0.2 | 0.3 | 0.6 | 31,553 |
| Occupation | | | | | | | | | | | | | | |
| Unemployed | 11.2 | 29.9 | 15.6 | 15.6 | 14.5 | 2.3 | 5.1 | 1.7 | 2.4 | 0.6 | 0.2 | 0.2 | 0.7 | 25,081 |
| Student | 15.3 | 36.6 | 11.1 | 11.4 | 12.8 | 2.5 | 5.8 | 0.8 | 2.0 | 0.6 | 0.4 | 0.3 | 0.5 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 24.4 | 34.7 | 13.9 | 10.4 | 8.7 | 0.9 | 3.1 | 0.6 | 1.8 | 0.2 | 0.3 | 0.4 | 0.6 | 15,279 |
| Private employee | 25.0 | 40.4 | 10.0 | 11.3 | 7.3 | 0.8 | 2.4 | 0.3 | 1.0 | 0.1 | 0.2 | 0.3 | 0.9 | 46,440 |
| Self-employed | 13.5 | 36.8 | 12.9 | 14.0 | 13.3 | 1.6 | 4.5 | 0.8 | 1.2 | 0.3 | 0.2 | 0.3 | 0.8 | 75,082 |
| Farmer/farm worker | 2.7 | 19.7 | 18.2 | 15.3 | 20.3 | 4.2 | 10.7 | 2.8 | 3.7 | 1.2 | 0.1 | 0.3 | 0.8 | 86,055 |
| Fisher | 5.9 | 43.1 | 15.6 | 9.5 | 9.5 | 3.1 | 1.9 | 0.6 | 6.4 | 1.3 | 0.2 | 0.3 | 2.6 | 5,141 |
| Labor/driver/domestic help | 7.3 | 35.3 | 14.5 | 14.5 | 15.6 | 2.8 | 6.4 | 1.4 | 0.9 | 0.3 | 0.2 | 0.2 | 0.8 | 44,892 |
| Others | 13.5 | 33.2 | 15.7 | 13.2 | 13.5 | 1.9 | 4.3 | 1.1 | 2.0 | 0.4 | 0.2 | 0.3 | 0.8 | 16,615 |
| Residence | | | | | | | | | | | | | | |
| Urban | 16.9 | 38.1 | 13.0 | 13.7 | 11.5 | 1.4 | 2.7 | 0.5 | 0.9 | 0.1 | 0.2 | 0.3 | 0.7 | 183,418 |
| Rural | 4.3 | 22.9 | 16.7 | 14.1 | 18.6 | 3.8 | 10.8 | 2.6 | 3.7 | 1.1 | 0.1 | 0.3 | 0.9 | 132,228 |
| Economic Status | | | | | | | | | | | | | | |
| Lowest | 2.0 | 17.8 | 19.7 | 13.3 | 17.9 | 5.0 | 2.0 | 12.0 | 4.2 | 4.7 | 2.0 | 0.2 | 0.4 | 50,291 |
| Lower middle | 3.9 | 27.5 | 17.2 | 15.4 | 18.3 | 3.3 | 3.9 | 8.2 | 1.7 | 2.5 | 0.7 | 0.1 | 0.2 | 59,016 |
| Middle | 6.6 | 32.7 | 15.1 | 15.8 | 16.7 | 2.6 | 6.6 | 6.1 | 1.0 | 1.9 | 0.3 | 0.2 | 0.3 | 65,697 |
| Upper middle | 12.2 | 37.8 | 12.9 | 14.7 | 13.5 | 1.5 | 12.2 | 4.1 | 0.7 | 1.3 | 0.1 | 0.2 | 0.3 | 71,513 |
| Highest | 29.2 | 38.2 | 9.8 | 10.4 | 7.5 | 0.6 | 29.2 | 2.1 | 0.4 | 0.7 | 0.1 | 0.2 | 0.3 | 69,104 |

Table 4.3 Proportion of Locations of Main Household Drinking Water Source by Province, 2023 SKI

| Province | In the House | Within the Premise | Outside the Premise | Weighted N |
|-------------------------|--------------|--------------------|---------------------|----------------|
| | % | % | % | |
| Aceh | 48.9 | 33.1 | 18.0 | 3,142 |
| North Sumatra | 66.3 | 20.0 | 13.8 | 10,021 |
| West Sumatra | 66.3 | 19.6 | 14.0 | 3,527 |
| Riau | 39.4 | 47.9 | 12.7 | 3,138 |
| Jambi | 44.3 | 50.4 | 5.4 | 2,823 |
| South Sumatra | 38.0 | 49.8 | 12.2 | 7,326 |
| Bengkulu | 60.4 | 33.5 | 6.1 | 2,072 |
| Lampung | 35.5 | 49.3 | 15.2 | 8,310 |
| Bangka Belitung Islands | 22.4 | 58.3 | 19.3 | 564 |
| Riau Islands | 40.1 | 37.5 | 22.4 | 566 |
| DKI Jakarta | 67.9 | 23.2 | 8.9 | 2,716 |
| West Java | 43.8 | 27.4 | 28.9 | 30,082 |
| Central Java | 50.2 | 25.7 | 24.1 | 30,593 |
| DI Yogyakarta | 47.1 | 41.9 | 11.0 | 3,859 |
| East Java | 47.7 | 35.1 | 17.2 | 32,371 |
| Banten | 51.3 | 26.7 | 22.1 | 5,753 |
| Bali | 34.3 | 50.8 | 14.9 | 2,606 |
| West Nusa Tenggara | 41.7 | 43.6 | 14.7 | 4,659 |
| East Nusa Tenggara | 11.2 | 51.3 | 37.6 | 4,969 |
| West Kalimantan | 34.2 | 55.0 | 10.8 | 4,193 |
| Central Kalimantan | 30.2 | 42.0 | 27.8 | 1,427 |
| South Kalimantan | 50.2 | 32.1 | 17.7 | 2,880 |
| East Kalimantan | 44.9 | 26.8 | 28.3 | 924 |
| North Kalimantan | 55.6 | 26.3 | 18.1 | 201 |
| North Sulawesi | 43.3 | 34.7 | 21.9 | 1,401 |
| Central Sulawesi | 48.9 | 28.8 | 22.3 | 1,749 |
| South Sulawesi | 46.4 | 32.3 | 21.3 | 5,820 |
| Southeast Sulawesi | 32.0 | 39.9 | 28.1 | 1,646 |
| Gorontalo | 25.1 | 56.7 | 18.2 | 417 |
| West Sulawesi | 43.4 | 27.5 | 29.2 | 1,020 |
| Maluku | 27.8 | 40.8 | 31.4 | 1,362 |
| North Maluku | 47.6 | 32.6 | 19.8 | 941 |
| West Papua | 32.2 | 44.1 | 23.7 | 378 |
| Southwest Papua | 18.2 | 46.0 | 35.7 | 255 |
| Papua | 44.9 | 38.1 | 16.9 | 535 |
| South Papua | 22.0 | 38.0 | 40.1 | 337 |
| Central Papua | 9.3 | 61.5 | 29.1 | 1,187 |
| Highland Papua | 8.8 | 51.0 | 40.2 | 1,386 |
| INDONESIA | 45.4 | 34.1 | 20.5 | 187,152 |

Table 4.4 Proportion of Locations of Main Household Drinking Water Source by Characteristic, 2023 SKI

| Characteristic | In the House | Within the Premise | Outside the Premise | Weighted N |
|--|--------------|--------------------|---------------------|------------|
| | % | % | % | |
| Education | | | | |
| Never attended school | 35.7 | 38.2 | 26.1 | 13,031 |
| Some primary school/Islamic primary school | 42.0 | 35.5 | 22.5 | 17,409 |
| Primary school/Islamic primary school graduate | 42.3 | 33.9 | 23.8 | 68,966 |
| Junior secondary school/Islamic junior secondary school graduate | 46.0 | 34.3 | 19.7 | 32,796 |
| Senior secondary school/Islamic senior secondary school graduate | 51.9 | 32.8 | 15.3 | 42,920 |
| D1/D2/D3/university graduate | 53.8 | 33.2 | 13.1 | 12,031 |
| Occupation | | | | |
| Unemployed | 47.4 | 32.3 | 20.4 | 15,454 |
| Student | 48.9 | 33.0 | 18.0 | 534 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 52.5 | 34.7 | 12.8 | 6,536 |
| Private employee | 52.3 | 31.9 | 15.8 | 16,838 |
| Self-employed | 50.0 | 32.6 | 17.4 | 38,990 |
| Farmer/farm worker | 39.0 | 37.5 | 23.5 | 69,814 |
| Fisher | 39.2 | 35.1 | 25.7 | 2,744 |
| Labor/driver/domestic help | 46.9 | 30.2 | 22.9 | 26,971 |
| Others | 49.9 | 33.2 | 17.0 | 9,271 |
| Residence | | | | |
| Urban | 53.4 | 30.8 | 15.8 | 86,355 |
| Rural | 38.5 | 37.0 | 24.5 | 100,797 |
| Economic Status | | | | |
| Lowest | 32.0 | 36.9 | 31.1 | 42,210 |
| Lower middle | 43.3 | 34.8 | 21.9 | 42,343 |
| Middle | 47.8 | 33.9 | 18.3 | 41,673 |
| Upper middle | 52.5 | 32.7 | 14.8 | 37,387 |
| Highest | 57.4 | 30.6 | 12.0 | 23,523 |

Table 4.5 Proportion of Time Spent to Obtain the Main Household Drinking Water Source by Province, 2023 SKI

| Province | < 30 Minutes | >30 Minutes | Weighted N |
|-------------------------|-----------------|----------------|----------------|
| | % | % | |
| Aceh | 92.1 | 7.9 | 3,142 |
| North Sumatra | 96.9 | 3.1 | 10,021 |
| West Sumatra | 97.1 | 2.9 | 3,527 |
| Riau | 94.9 | 5.1 | 3,138 |
| Jambi | 98.6 | 1.4 | 2,823 |
| South Sumatra | 98.3 | 1.7 | 7,326 |
| Bengkulu | 98.6 | 1.5 | 2,072 |
| Lampung | 96.7 | 3.3 | 8,310 |
| Bangka Belitung Islands | 97.5 | 2.5 | 564 |
| Riau Islands | 95.8 | 4.2 | 566 |
| DKI Jakarta | 97.0 | 3.0 | 2,716 |
| West Java | 93.2 | 6.9 | 30,082 |
| Central Java | 96.1 | 3.9 | 30,593 |
| DI Yogyakarta | 98.7 | 1.3 | 3,859 |
| East Java | 95.4 | 4.6 | 32,371 |
| Banten | 95.3 | 4.7 | 5,753 |
| Bali | 99.5 | 0.5 | 2,606 |
| West Nusa Tenggara | 96.5 | 3.5 | 4,659 |
| East Nusa Tenggara | 92.6 | 7.4 | 4,969 |
| West Kalimantan | 97.2 | 2.8 | 4,193 |
| Central Kalimantan | 93.1 | 7.0 | 1,427 |
| South Kalimantan | 96.2 | 3.8 | 2,880 |
| East Kalimantan | 97.0 | 3.0 | 924 |
| North Kalimantan | 91.3 | 8.7 | 201 |
| North Sulawesi | 93.8 | 6.3 | 1,401 |
| Central Sulawesi | 91.5 | 8.5 | 1,749 |
| South Sulawesi | 93.9 | 6.1 | 5,820 |
| Southeast Sulawesi | 87.7 | 12.3 | 1,646 |
| Gorontalo | 96.4 | 3.6 | 417 |
| West Sulawesi | 88.2 | 11.8 | 1,020 |
| Maluku | 93.8 | 6.2 | 1,362 |
| North Maluku | 94.0 | 6.0 | 941 |
| West Papua | 94.2 | 5.8 | 378 |
| Southwest Papua | 89.4 | 10.6 | 255 |
| Papua | 92.7 | 7.3 | 535 |
| South Papua | 87.6 | 12.4 | 337 |
| Central Papua | 85.0 | 15.0 | 1,187 |
| Highland Papua | 77.5 | 22.5 | 1,386 |
| INDONESIA | 95.1 | 4.9 | 187,152 |

Table 4.6 Proportion of Time Spent to Obtain the Main Household Drinking Water Source by Characteristic, 2023 SKI

| Characteristic | ≤ 30 Minutes | | Weighted N |
|--|---------------------|----------|-------------------|
| | % | % | |
| Education | | | |
| Never attended school | 92.8 | 7.2 | 13,031 |
| Some primary school/Islamic primary school | 94.9 | 5.1 | 17,409 |
| Primary school/Islamic primary school graduate | 94.3 | 5.7 | 68,966 |
| Junior secondary school/Islamic junior secondary school graduate | 95.7 | 4.3 | 32,796 |
| Senior secondary school/Islamic senior secondary school graduate | 96.4 | 3.6 | 42,920 |
| D1/D2/D3/university graduate | 96.8 | 3.2 | 12,031 |
| Occupation | | | |
| Unemployed | 94.0 | 6.0 | 15,454 |
| Student | 95.5 | 4.5 | 534 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 96.6 | 3.4 | 6,536 |
| Private employee | 96.7 | 3.3 | 16,838 |
| Self-employed | 95.8 | 4.2 | 38,990 |
| Farmer/farm worker | 94.4 | 5.6 | 69,814 |
| Fisher | 92.9 | 7.1 | 2,744 |
| Labor/driver/domestic help | 95.3 | 4.7 | 26,971 |
| Others | 96.1 | 3.9 | 9,271 |
| Residence | | | |
| Urban | 96.3 | 3.7 | 86,355 |
| Rural | 94.2 | 5.9 | 100,797 |
| Economic Status | | | |
| Lowest | 92.4 | 7.6 | 42,210 |
| Lower middle | 95.1 | 4.9 | 42,343 |
| Middle | 95.8 | 4.2 | 41,673 |
| Upper middle | 96.3 | 3.7 | 37,387 |
| Highest | 97.3 | 2.7 | 23,523 |

Table 4.7 Proportion of Access to Adequate Household Drinking Water by Province, 2023 SKI

| Province | Adequate Access | | | | | | | | Weighted N | |
|-------------------------|-----------------|----------------|-------------------|----------------|----------------|----------------|--------------|------------------|----------------|--|
| | No Access | | Inadequate Access | | Limited Access | | Basic Access | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 1.6 | 1.2-2.1 | 10.6 | 9.5-11.9 | 4.6 | 3.7-5.6 | 83.2 | 81.6-84.7 | 5,756 | |
| North Sumatra | 0.9 | 0.7-1.1 | 4.6 | 4.0-5.3 | 1.9 | 1.4-2.7 | 92.6 | 91.5-93.5 | 15,886 | |
| West Sumatra | 1.3 | 1.1-1.7 | 7.2 | 6.3-8.3 | 1.6 | 1.0-2.7 | 89.8 | 88.3-91.1 | 6,043 | |
| Riau | 1.5 | 1.1-2.0 | 7.6 | 6.4-8.9 | 1.9 | 1.3-2.8 | 89.0 | 87.5-90.4 | 7,052 | |
| Jambi | 0.9 | 0.5-1.5 | 6.6 | 5.5-7.9 | 1.2 | 0.8-1.8 | 91.3 | 89.9-92.6 | 4,051 | |
| South Sumatra | 4.0 | 3.2-5.0 | 6.4 | 5.6-7.3 | 1.2 | 0.9-1.5 | 88.5 | 87.1-89.7 | 9,403 | |
| Bengkulu | 0.7 | 0.4-1.2 | 8.5 | 7.1-10.0 | 1.0 | 0.6-1.8 | 89.8 | 88.2-91.3 | 2,323 | |
| Lampung | 0.4 | 0.3-0.7 | 17.5 | 15.4-19.8 | 2.9 | 2.2-3.9 | 79.1 | 76.9-81.2 | 10,424 | |
| Bangka Belitung Islands | 1.4 | 1.0-2.0 | 12.2 | 10.6-13.9 | 2.2 | 1.6-3.1 | 84.2 | 82.3-86.0 | 1,708 | |
| Riau Islands | 0.4 | 0.1-2.1 | 7.5 | 6.1-9.2 | 2.0 | 1.1-3.6 | 90.1 | 87.792.1 | 2,514 | |
| DKI Jakarta | 0.0 | - | 2.0 | 1.5-2.7 | 1.8 | 0.7-4.5 | 96.2 | 94.1-97.6 | 12,318 | |
| West Java | 0.5 | 0.4-0.7 | 5.7 | 5.0-6.3 | 4.0 | 3.4-4.7 | 89.8 | 88.9-90.7 | 58,514 | |
| Central Java | 0.5 | 0.2-0.9 | 5.8 | 5.2-6.6 | 3.2 | 2.7-3.8 | 90.5 | 89.5-91.4 | 44,459 | |
| DI Yogyakarta | 0.1 | 0.0-0.3 | 11.7 | 9.9-13.8 | 1.2 | 0.7-1.9 | 87.1 | 84.9-88.9 | 4,957 | |
| East Java | 0.1 | 0.1-0.2 | 3.6 | 3.1-4.1 | 3.0 | 2.4-3.7 | 93.3 | 92.5-94.1 | 50,591 | |
| Banten | 0.3 | 0.1-0.6 | 4.4 | 3.5-5.5 | 2.5 | 1.8-3.4 | 92.9 | 91.4-94.1 | 13,333 | |
| Bali | 0.2 | 0.1-0.6 | 4.6 | 3.7-5.8 | 0.2 | 0.1-0.4 | 94.9 | 93.7-95.9 | 5,149 | |
| West Nusa Tenggara | 0.3 | 0.1-0.7 | 4.6 | 3.5-5.9 | 2.6 | 1.7-3.9 | 92.5 | 90.8-94.0 | 6,849 | |
| East Nusa Tenggara | 2.4 | 1.8-3.2 | 11.8 | 10.8-13.0 | 4.7 | 3.9-5.5 | 81.1 | 79.6-82.4 | 5,335 | |
| West Kalimantan | 6.1 | 5.2-7.2 | 5.2 | 4.2-6.3 | 1.7 | 1.2-2.3 | 87.1 | 85.5-88.5 | 5,784 | |
| Central Kalimantan | 12.7 | 10.6-15.1 | 5.9 | 4.9-7.1 | 2.9 | 2.1-4.0 | 78.5 | 75.9-80.9 | 3,178 | |
| South Kalimantan | 9.3 | 7.8-11.1 | 4.8 | 3.9-5.8 | 2.0 | 1.4-2.8 | 83.9 | 81.9-85.7 | 5,023 | |
| East Kalimantan | 5.8 | 4.3-7.7 | 5.6 | 4.5-6.4 | 1.5 | 1.1-2.1 | 87.2 | 85.1-89.1 | 4,320 | |
| North Kalimantan | 3.0 | 2.0-4.6 | 3.4 | 2.3-5.1 | 4.2 | 2.7-6.4 | 89.4 | 86.7-91.5 | 729 | |
| North Sulawesi | 0.6 | 0.1-2.8 | 7.3 | 6.0-8.8 | 4.4 | 3.4-5.8 | 87.6 | 85.5-89.5 | 3,031 | |
| Central Sulawesi | 1.4 | 0.9-2.1 | 5.4 | 4.5-6.4 | 5.1 | 4.1-6.3 | 88.1 | 86.4-89.5 | 3,216 | |
| South Sulawesi | 0.6 | 0.3-1.0 | 6.5 | 5.7-7.3 | 4.1 | 3.5-4.8 | 88.9 | 87.8-89.9 | 9,484 | |
| Southeast Sulawesi | 0.3 | 0.2-0.7 | 6.3 | 5.3-7.4 | 9.8 | 8.2-11.7 | 83.5 | 81.3-85.6 | 2,733 | |
| Gorontalo | 0.9 | 0.3-1.0 | 6.4 | 4.9-8.2 | 1.9 | 1.3-2.8 | 90.9 | 88.8-92.6 | 1,260 | |
| West Sulawesi | 2.8 | 1.6-4.8 | 8.0 | 6.2-10.4 | 6.9 | 4.9-9.6 | 82.3 | 78.7-85.4 | 1,468 | |
| Maluku | 0.5 | 0.3-0.8 | 8.0 | 6.6-9.6 | 4.4 | 3.4-5.6 | 87.2 | 85.2-89.0 | 1,753 | |
| North Maluku | 1.3 | 0.6-2.7 | 11.6 | 9.7-13.9 | 3.3 | 2.4-4.5 | 83.8 | 81.1-86.1 | 1,222 | |
| West Papua | 2.1 | 1.1-4.2 | 7.4 | 5.1-10.7 | 3.8 | 2.7-5.4 | 86.6 | 82.9-89.6 | 563 | |
| Southwest Papua | 4.4 | 3.3-5.8 | 11.8 | 9.4-14.5 | 5.8 | 3.5-9.6 | 78.0 | 74.0-81.5 | 599 | |
| Papua | 2.0 | 1.3-3.2 | 6.0 | 4.9-7.4 | 5.2 | 3.4-8.0 | 86.7 | 83.9-89.1 | 1,030 | |
| South Papua | 3.4 | 2.2-5.2 | 22.1 | 18.3-26.5 | 5.1 | 3.6-7.0 | 69.5 | 65.1-73.5 | 546 | |
| Central Papua | 3.6 | 1.7-7.2 | 19.2 | 14.6-24.7 | 2.6 | 0.8-7.7 | 74.7 | 68.5-80.1 | 1,528 | |
| Highland Papua | 11.0 | 7.4-16.2 | 25.1 | 20.4-30.5 | 6.3 | 4.3-9.1 | 57.5 | 52.1-62.8 | 1516 | |
| INDONESIA | 1.2 | 1.1-1.3 | 6.2 | 6.0-6.4 | 3.0 | 2.8-3.2 | 89.6 | 89.3-89.9 | 315,646 | |

Table 4.8 Proportion of Access to Adequate Household Drinking Water by Characteristic, 2023 SKI

| Characteristic | | | | | Adequate Access | | | | Weighted N |
|--|-----------|---------|-------------------|-----------|-----------------|---------|--------------|-----------|------------|
| | No Access | | Inadequate Access | | Limited Access | | Basic Access | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Education | | | | | | | | | |
| Never attended school | 2.2 | 1.8-2.7 | 10.2 | 9.2-11.3 | 3.9 | 3.4-4.6 | 83.6 | 82.3-84.8 | 16,103 |
| Some primary school/Islamic primary school | 1.6 | 1.4-1.8 | 7.8 | 7.2-8.4 | 3.6 | 3.1-4.1 | 87.0 | 86.2-87.8 | 23,447 |
| Primary school/Islamic primary school graduate | 1.6 | 1.5-1.8 | 7.3 | 6.9-7.8 | 4.0 | 3.6-4.4 | 87.0 | 86.4-87.6 | 96,195 |
| Junior secondary school/Islamic junior secondary school graduate | 1.1 | 1.0-1.3 | 6.2 | 5.9-6.6 | 3.0 | 2.7-3.3 | 89.6 | 89.2-90.1 | 55,131 |
| Senior secondary school/Islamic senior secondary school graduate | 0.7 | 0.6-0.7 | 4.7 | 4.4-4.9 | 2.2 | 2.0-2.4 | 92.5 | 92.2-92.8 | 93,217 |
| D1/D2/D3/university graduate | 0.4 | 0.3-0.5 | 3.8 | 3.5-4.1 | 1.8 | 1.6-2.1 | 94.0 | 93.6-94.4 | 31,553 |
| Occupation | | | | | | | | | |
| Unemployed | 1.2 | 1.0-1.4 | 6.4 | 5.9-7.0 | 3.5 | 3.0-4.0 | 88.9 | 88.1-89.7 | 25,081 |
| Student | 1.2 | 0.7-2.2 | 5.4 | 3.8-7.6 | 3.2 | 1.8-5.6 | 90.2 | 87.1-92.6 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 0.4 | 0.3-0.6 | 4.2 | 3.7-4.7 | 2.0 | 1.7-2.4 | 93.4 | 92.8-94.0 | 15,279 |
| Private employee | 0.5 | 0.4-0.6 | 3.5 | 3.2-3.8 | 2.0 | 1.6-2.4 | 94.0 | 93.5-94.5 | 46,440 |
| Self-employed | 0.9 | 0.8-1.0 | 4.8 | 4.6-5.1 | 2.6 | 2.3-2.9 | 91.7 | 91.3-92.1 | 75,082 |
| Farmer/farm worker | 2.1 | 1.9-2.3 | 8.8 | 8.4-9.2 | 3.9 | 3.6-4.3 | 85.2 | 84.7-85.7 | 86,055 |
| Fisher | 2.9 | 2.0-4.0 | 7.0 | 6.1-8.0 | 5.2 | 4.2-6.4 | 85.0 | 83.1-86.6 | 5,141 |
| Labor/driver/domestic help | 0.8 | 0.6-1.0 | 6.9 | 6.3-7.5 | 3.2 | 2.8-3.7 | 89.1 | 88.3-89.8 | 44,892 |
| Others | 0.8 | 0.7-1.0 | 5.5 | 4.9-6.2 | 2.5 | 2.1-2.9 | 91.1 | 90.4-91.4 | 16,615 |
| Residence | | | | | | | | | |
| Urban | 0.5 | 0.4-0.6 | 4.4 | 4.2-4.7 | 2.4 | 2.2-2.6 | 92.7 | 92.4-93.0 | 183,418 |
| Rural | 2.1 | 1.9-2.3 | 8.6 | 8.2-9.1 | 3.9 | 3.6-4.3 | 85.3 | 84.7-85.9 | 132,228 |
| Economic Status | | | | | | | | | |
| Lowest | 3.0 | 2.7-3.3 | 11.2 | 10.6-11.7 | 4.9 | 4.4-5.4 | 81.0 | 80.2-81.7 | 50,291 |
| Lower middle | 1.6 | 1.5-1.8 | 7.3 | 6.9-7.7 | 3.6 | 3.3-4.0 | 87.4 | 86.8-87.9 | 59,016 |
| Middle | 1.0 | 0.9-1.2 | 6.1 | 5.7-6.4 | 3.1 | 2.8-3.5 | 89.8 | 89.3-90.3 | 65,697 |
| Upper middle | 0.5 | 0.5-0.6 | 4.4 | 4.1-4.7 | 2.5 | 2.2-2.8 | 92.6 | 92.2-93.0 | 71,513 |
| Highest | 0.2 | 0.2-0.3 | 3.5 | 3.3-3.8 | 1.7 | 1.4-2.0 | 94.5 | 94.1-94.9 | 69,104 |

Table 4.9 Proportion of the Physical Quality of Household Drinking Water by Province, 2023 SKI

| Province | Physical Quality of Drinking Water | | | | | Weighted N |
|-------------------------|---------------------------------------|------------|-------------|------------|------------|----------------|
| | Turbid | Colored | Has a Taste | Foamy | Smelly | |
| | % | % | % | % | % | |
| Aceh | 5.5 | 3.3 | 1.8 | 0.6 | 1.3 | 5,756 |
| North Sumatra | 3.6 | 1.8 | 1.9 | 0.8 | 1.2 | 15,886 |
| West Sumatra | 2.7 | 1.7 | 1.4 | 0.7 | 1.3 | 6,043 |
| Riau | 1.9 | 1.5 | 2.0 | 0.4 | 0.7 | 7,052 |
| Jambi | 2.0 | 0.8 | 0.8 | 0.3 | 0.6 | 4,051 |
| South Sumatra | 3.1 | 1.7 | 2.1 | 0.6 | 1.3 | 9,403 |
| Bengkulu | 2.1 | 1.4 | 1.0 | 0.6 | 1.3 | 2,323 |
| Lampung | 2.2 | 1.1 | 1.3 | 0.8 | 1.1 | 10,424 |
| Bangka Belitung Islands | 0.5 | 0.3 | 0.3 | 0.2 | 0.3 | 1,708 |
| Riau Islands | 2.9 | 0.1 | 1.4 | 0.1 | 0.1 | 2,514 |
| DKI Jakarta | 1.3 | 1.2 | 3.2 | 0.2 | 0.5 | 12,318 |
| West Java | 2.0 | 1.0 | 1.8 | 0.7 | 1.4 | 58,514 |
| Central Java | 1.9 | 0.9 | 1.5 | 0.6 | 1.1 | 44,459 |
| DI Yogyakarta | 3.1 | 0.8 | 1.1 | 0.5 | 1.0 | 4,957 |
| East Java | 1.8 | 0.9 | 1.2 | 0.7 | 0.8 | 50,591 |
| Banten | 2.5 | 1.0 | 1.9 | 0.6 | 1.2 | 13,333 |
| Bali | 1.7 | 0.6 | 1.1 | 0.5 | 0.9 | 5,149 |
| West Nusa Tenggara | 1.7 | 0.8 | 1.5 | 0.4 | 0.8 | 6,849 |
| East Nusa Tenggara | 4.6 | 2.6 | 2.5 | 1.1 | 1.3 | 5,335 |
| West Kalimantan | 1.6 | 1.5 | 3.5 | 0.5 | 0.7 | 5,784 |
| Central Kalimantan | 6.3 | 4.5 | 4.5 | 1.1 | 2.1 | 3,178 |
| South Kalimantan | 3.9 | 1.9 | 2.8 | 0.6 | 1.2 | 5,023 |
| East Kalimantan | 3.3 | 1.9 | 2.1 | 0.8 | 1.6 | 4,320 |
| North Kalimantan | 2.5 | 1.1 | 0.9 | 0.7 | 1.1 | 729 |
| North Sulawesi | 1.7 | 0.6 | 1.4 | 0.4 | 0.5 | 3,031 |
| Central Sulawesi | 3.3 | 1.6 | 2.5 | 0.6 | 0.9 | 3,216 |
| South Sulawesi | 3.7 | 2.2 | 2.5 | 1.5 | 2.1 | 9,484 |
| Southeast Sulawesi | 3.1 | 2.0 | 2.3 | 1.3 | 1.6 | 2,733 |
| Gorontalo | 1.2 | 0.4 | 2.5 | 0.4 | 0.6 | 1,260 |
| West Sulawesi | 2.8 | 1.8 | 1.9 | 1.1 | 1.8 | 1,468 |
| Maluku | 5.7 | 1.6 | 2.9 | 0.7 | 1.2 | 1,753 |
| North Maluku | 2.1 | 0.8 | 2.0 | 0.5 | 0.5 | 1,222 |
| West Papua | 3.8 | 2.1 | 1.2 | 0.4 | 0.9 | 563 |
| Southwest Papua | 2.0 | 1.5 | 5.8 | 1.0 | 1.6 | 599 |
| Papua | 4.6 | 3.2 | 4.1 | 1.3 | 1.9 | 1,030 |
| South Papua | 4.9 | 3.2 | 3.4 | 1.1 | 1.4 | 546 |
| Central Papua | 13.8 | 5.0 | 3.2 | 0.7 | 1.2 | 1,528 |
| Highland Papua | 20.3 | 10.0 | 18.4 | 3.9 | 6.1 | 1,516 |
| INDONESIA | 2.5 | 1.3 | 1.9 | 0.7 | 1.1 | 315,646 |

Table 4.10 Proportion of the Physical Quality of Household Drinking Water by Characteristic, 2023 SKI

| Characteristic | Physical Quality of Drinking Water | | | | | Weighted N |
|--|------------------------------------|-----------|---------------|----------|-----------|------------|
| | Turbid % | Colored % | Has a Taste % | Turbid % | Colored % | |
| Education | | | | | | |
| Never attended school | 4.4 | 2.7 | 3.3 | 1.1 | 1.8 | 16,103 |
| Some primary school/Islamic primary school | 2.8 | 1.5 | 2.4 | 0.7 | 1.2 | 23,447 |
| Primary school/Islamic primary school graduate | 2.6 | 1.4 | 2.0 | 0.6 | 1.2 | 96,195 |
| Junior secondary school/Islamic junior secondary school graduate | 2.6 | 1.3 | 1.9 | 0.8 | 1.3 | 55,131 |
| Senior secondary school/Islamic senior secondary school graduate | 2.1 | 1.0 | 1.5 | 0.6 | 1.0 | 93,217 |
| D1/D2/D3/university graduate | 2.2 | 1.0 | 1.4 | 0.6 | 0.8 | 31,553 |
| Occupation | | | | | | |
| Unemployed | 3.1 | 1.8 | 2.3 | 0.8 | 1.5 | 25,081 |
| Student | 2.5 | 1.6 | 1.6 | 0.6 | 0.9 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 2.0 | 1.1 | 1.3 | 0.7 | 0.9 | 15,279 |
| Private employee | 2.0 | 1.0 | 1.4 | 0.6 | 0.8 | 46,440 |
| Self-employed | 2.1 | 1.0 | 1.5 | 0.6 | 1.0 | 75,082 |
| Farmer/farm worker | 3.2 | 1.8 | 2.2 | 0.8 | 1.3 | 86,055 |
| Fisher | 4.1 | 2.4 | 5.0 | 0.9 | 1.8 | 5,141 |
| Labor/driver/domestic help | 2.3 | 1.1 | 1.9 | 0.7 | 1.2 | 44,892 |
| Others | 2.3 | 1.0 | 1.8 | 0.6 | 1.1 | 16,615 |
| Residence | | | | | | |
| Urban | 2.1 | 1.0 | 1.6 | 0.6 | 1.1 | 183,418 |
| Rural | 3.1 | 1.8 | 2.2 | 0.8 | 1.2 | 132,228 |
| Economic Status | | | | | | |
| Lowest | 4.3 | 2.5 | 3.3 | 0.9 | 1.6 | 50,291 |
| Lower middle | 2.7 | 1.4 | 2.0 | 0.7 | 1.3 | 59,016 |
| Middle | 2.2 | 1.1 | 1.6 | 0.6 | 1.1 | 65,697 |
| Upper middle | 2.0 | 1.0 | 1.5 | 0.7 | 1.0 | 71,513 |
| Highest | 2.0 | 0.9 | 1.4 | 0.6 | 0.8 | 69,104 |

Table 4.11 Proportion of Types of Drinking Water Processing in Households by Province, 2023 SKI

| Province | Type of Drinking Water Processing in Households | | | | | | Weighted N |
|-------------------------|---|------------|-------------------|-----------------------|------------|-------------------|----------------|
| | Boiled | Filtered | Treated with Alum | Treated with Chlorine | UV Light | Treated with Lime | |
| | % | % | % | % | % | % | |
| Aceh | 52.8 | 6.3 | 0.5 | 0.3 | 0.3 | 0.9 | 5,756 |
| North Sumatra | 67.5 | 4.6 | 0.6 | 0.2 | 0.2 | 0.9 | 15,886 |
| West Sumatra | 65.1 | 2.5 | 0.5 | 0.2 | 0.3 | 0.5 | 6,043 |
| Riau | 54.6 | 3.3 | 0.8 | 0.2 | 0.2 | 0.8 | 7,052 |
| Jambi | 71.8 | 8.7 | 0.7 | 0.5 | 0.4 | 1.1 | 4,051 |
| South Sumatra | 77.5 | 5.2 | 0.7 | 0.2 | 0.8 | 1.2 | 9,403 |
| Bengkulu | 87.5 | 2.9 | 0.6 | 0.2 | 0.3 | 0.7 | 2,323 |
| Lampung | 77.1 | 2.3 | 1.2 | 0.3 | 0.3 | 1.3 | 10,424 |
| Bangka Belitung Islands | 40.6 | 3.2 | 0.1 | 0.2 | 0.1 | 0.5 | 1,708 |
| Riau Islands | 32.2 | 2.9 | 0.2 | 0.1 | 0.4 | 0.3 | 2,514 |
| DKI Jakarta | 28.7 | 1.5 | 0.3 | 0.1 | 0.1 | 0.4 | 12,318 |
| West Java | 57.4 | 2.5 | 0.4 | 0.2 | 0.2 | 0.4 | 58,514 |
| Central Java | 72.6 | 7.6 | 0.5 | 0.2 | 0.3 | 0.5 | 44,459 |
| DI Yogyakarta | 78.1 | 11.2 | 0.3 | 0.1 | 0.1 | 0.4 | 4,957 |
| East Java | 57.1 | 9.8 | 0.4 | 0.1 | 0.1 | 0.6 | 50,591 |
| Banten | 49.8 | 2.7 | 0.2 | 0.1 | 0.2 | 0.1 | 13,333 |
| Bali | 41.9 | 3.3 | 0.2 | 0.0 | 0.1 | 0.4 | 5,149 |
| West Nusa Tenggara | 26.9 | 0.7 | 0.3 | 0.1 | 0.1 | 0.2 | 6,849 |
| East Nusa Tenggara | 88.9 | 48.7 | 0.7 | 0.3 | 0.9 | 2.1 | 5,335 |
| West Kalimantan | 71.2 | 7.1 | 0.6 | 0.1 | 0.6 | 0.7 | 5,784 |
| Central Kalimantan | 41.5 | 6.8 | 3.9 | 0.4 | 0.2 | 1.0 | 3,178 |
| South Kalimantan | 59.8 | 3.5 | 2.8 | 0.5 | 0.2 | 1.1 | 5,023 |
| East Kalimantan | 33.1 | 4.1 | 0.4 | 0.1 | 0.1 | 0.5 | 4,320 |
| North Kalimantan | 39.6 | 4.1 | 0.2 | 0.1 | 0.3 | 0.8 | 729 |
| North Sulawesi | 53.4 | 2.2 | 0.3 | 0.2 | 0.1 | 0.8 | 3,031 |
| Central Sulawesi | 57.8 | 8.9 | 0.7 | 0.3 | 0.3 | 1.0 | 3,216 |
| South Sulawesi | 58.8 | 6.5 | 0.6 | 0.3 | 0.6 | 0.8 | 9,484 |
| Southeast Sulawesi | 58.0 | 20.6 | 0.6 | 0.4 | 0.5 | 1.3 | 2,733 |
| Gorontalo | 46.7 | 1.1 | 0.5 | 0.1 | 0.1 | 0.4 | 1,260 |
| West Sulawesi | 63.0 | 2.1 | 0.8 | 0.4 | 0.3 | 0.8 | 1,468 |
| Maluku | 74.9 | 29.4 | 0.6 | 0.3 | 0.4 | 1.5 | 1,753 |
| North Maluku | 72.4 | 9.4 | 1.3 | 0.2 | 0.2 | 1.3 | 1,222 |
| West Papua | 67.4 | 20.4 | 0.9 | 0.4 | 0.2 | 1.2 | 563 |
| Southwest Papua | 52.2 | 9.1 | 0.7 | 0.3 | 0.2 | 0.4 | 599 |
| Papua | 57.7 | 14.8 | 0.7 | 0.2 | 0.4 | 1.2 | 1,030 |
| South Papua | 58.8 | 7.7 | 0.3 | 0.3 | 0.3 | 1.1 | 546 |
| Central Papua | 45.9 | 15.7 | 1.1 | 0.6 | 0.7 | 1.6 | 1,528 |
| Highland Papua | 56.7 | 18.6 | 1.5 | 0.5 | 0.5 | 1.7 | 1,516 |
| INDONESIA | 59.7 | 6.5 | 0.6 | 0.2 | 0.3 | 0.6 | 315,646 |

Table 4.12 Proportion of Types of Drinking Water Processing in Households by Characteristic, 2023 SKI

| Characteristic | Type of Drinking Water Processing in Households | | | | | | Weighted N |
|--|---|----------|-------------------|-----------------------|----------|-------------------|------------|
| | Boiled | Filtered | Treated with Alum | Treated with Chlorine | UV Light | Treated with Lime | |
| | % | % | % | % | % | % | |
| Education | | | | | | | |
| Never attended school | 66.7 | 9.0 | 0.6 | 0.2 | 0.3 | 0.8 | 16,103 |
| Some primary school/Islamic primary school | 69.6 | 8.1 | 0.9 | 0.3 | 0.2 | 0.8 | 23,447 |
| Primary school/Islamic primary school graduate | 69.4 | 7.3 | 0.6 | 0.2 | 0.2 | 0.7 | 96,195 |
| Junior secondary school/Islamic junior secondary school graduate | 60.4 | 6.3 | 0.6 | 0.2 | 0.3 | 0.7 | 55,131 |
| Senior secondary school/Islamic senior secondary school graduate | 51.0 | 5.3 | 0.4 | 0.2 | 0.2 | 0.5 | 93,217 |
| D1/D2/D3/university graduate | 44.1 | 5.7 | 0.4 | 0.2 | 0.3 | 0.5 | 31,553 |
| Occupation | | | | | | | |
| Unemployed | 61.9 | 5.5 | 0.5 | 0.2 | 0.3 | 0.7 | 25,081 |
| Student | 48.9 | 8.2 | 0.7 | 0.0 | 0.3 | 1.1 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 48.4 | 7.0 | 0.4 | 0.2 | 0.4 | 0.6 | 15,279 |
| Private employee | 42.8 | 4.0 | 0.4 | 0.1 | 0.2 | 0.3 | 46,440 |
| Self-employed | 55.2 | 5.2 | 0.5 | 0.2 | 0.2 | 0.6 | 75,082 |
| Farmer/farm worker | 74.0 | 10.2 | 0.8 | 0.2 | 0.3 | 0.9 | 86,055 |
| Fisher | 50.2 | 8.6 | 0.7 | 0.2 | 0.3 | 0.8 | 5,141 |
| Labor/driver/domestic help | 62.2 | 4.1 | 0.4 | 0.1 | 0.2 | 0.5 | 44,892 |
| Others | 58.0 | 7.1 | 0.6 | 0.3 | 0.3 | 0.7 | 16,615 |
| Residence | | | | | | | |
| Urban | 51.9 | 4.4 | 0.4 | 0.2 | 0.2 | 0.5 | 183,418 |
| Rural | 70.7 | 9.4 | 0.8 | 0.2 | 0.3 | 0.9 | 132,228 |
| Economic Status | | | | | | | |
| Lowest | 74.9 | 11.8 | 0.9 | 0.2 | 0.2 | 1.0 | 50,291 |
| Lower middle | 68.5 | 7.5 | 0.6 | 0.2 | 0.3 | 0.8 | 59,016 |
| Middle | 63.2 | 6.1 | 0.7 | 0.2 | 0.3 | 0.6 | 65,697 |
| Upper middle | 56.1 | 4.6 | 0.4 | 0.2 | 0.2 | 0.5 | 71,513 |
| Highest | 41.5 | 4.2 | 0.3 | 0.2 | 0.3 | 0.4 | 69,104 |

Table 4.13 Proportion of Types of Drinking Water Storage Containers Used by Households by Province, 2023 SKI

| Province | Covered Pot/ Bucket | Uncovered Pot/Bucket | Jug/ Container with Small Opening | Gallon | Others | Weighted N |
|-------------------------|---------------------------|-------------------------|--|-------------|------------|----------------|
| | % | % | % | % | % | |
| Aceh | 42.1 | 5.4 | 49.3 | 55.7 | 2.2 | 5,756 |
| North Sumatra | 31.4 | 3.9 | 67.3 | 40.1 | 2.1 | 15,886 |
| West Sumatra | 24.7 | 3.9 | 62.2 | 47.4 | 2.1 | 6,043 |
| Riau | 36.3 | 4.6 | 65.4 | 54.8 | 2.4 | 7,052 |
| Jambi | 55.2 | 6.5 | 65.7 | 51.9 | 2.5 | 4,051 |
| South Sumatra | 55.9 | 3.3 | 62.1 | 30.6 | 3.0 | 9,403 |
| Bengkulu | 37.5 | 3.9 | 83.2 | 26.4 | 3.2 | 2,323 |
| Lampung | 59.3 | 4.1 | 69.9 | 30.1 | 2.5 | 10,424 |
| Bangka Belitung Islands | 19.8 | 2.2 | 47.3 | 60.6 | 2.3 | 1,708 |
| Riau Islands | 15.3 | 3.1 | 49.2 | 72.8 | 3.5 | 2,514 |
| DKI Jakarta | 8.8 | 0.8 | 30.3 | 73.1 | 3.2 | 12,318 |
| West Java | 11.6 | 1.7 | 57.3 | 50.2 | 2.7 | 58,514 |
| Central Java | 18.6 | 1.9 | 71.3 | 35.7 | 4.8 | 44,459 |
| DI Yogyakarta | 7.3 | 1.1 | 67.5 | 30.2 | 14.0 | 4,957 |
| East Java | 38.9 | 2.8 | 48.1 | 40.7 | 3.9 | 50,591 |
| Banten | 11.4 | 1.1 | 53.1 | 57.0 | 2.4 | 13,333 |
| Bali | 17.4 | 0.9 | 33.4 | 60.8 | 1.8 | 5,149 |
| West Nusa Tenggara | 31.7 | 1.9 | 43.0 | 37.3 | 5.6 | 6,849 |
| East Nusa Tenggara | 74.7 | 8.8 | 60.3 | 16.7 | 4.5 | 5,335 |
| West Kalimantan | 40.8 | 5.6 | 70.6 | 36.7 | 2.8 | 5,784 |
| Central Kalimantan | 32.2 | 4.6 | 58.8 | 65.3 | 6.0 | 3,178 |
| South Kalimantan | 32.7 | 2.7 | 63.3 | 49.1 | 4.2 | 5,023 |
| East Kalimantan | 19.7 | 1.7 | 37.6 | 68.0 | 6.2 | 4,320 |
| North Kalimantan | 28.5 | 2.5 | 45.9 | 68.8 | 4.0 | 729 |
| North Sulawesi | 36.4 | 3.7 | 52.4 | 53.4 | 2.8 | 3,031 |
| Central Sulawesi | 51.6 | 5.0 | 50.1 | 50.1 | 2.3 | 3,216 |
| South Sulawesi | 47.8 | 2.5 | 40.7 | 42.7 | 3.4 | 9,484 |
| Southeast Sulawesi | 54.7 | 4.5 | 41.3 | 47.6 | 5.1 | 2,733 |
| Gorontalo | 47.4 | 1.2 | 36.0 | 51.8 | 4.3 | 1,260 |
| West Sulawesi | 51.6 | 2.8 | 50.3 | 36.1 | 2.3 | 1,468 |
| Maluku | 64.7 | 4.5 | 53.6 | 30.6 | 3.5 | 1,753 |
| North Maluku | 71.7 | 9.0 | 64.3 | 33.2 | 4.8 | 1,222 |
| West Papua | 54.4 | 9.2 | 57.2 | 44.5 | 4.1 | 563 |
| Southwest Papua | 35.0 | 6.1 | 47.4 | 58.0 | 3.7 | 599 |
| Papua | 45.9 | 7.3 | 49.1 | 61.3 | 5.0 | 1,030 |
| South Papua | 41.4 | 10.4 | 50.1 | 39.8 | 7.4 | 546 |
| Central Papua | 56.9 | 23.5 | 48.8 | 39.5 | 13.0 | 1,528 |
| Highland Papua | 70.6 | 15.5 | 57.9 | 22.7 | 11.6 | 1,516 |
| INDONESIA | 29.4 | 2.9 | 56.5 | 44.9 | 3.7 | 315,646 |

Table 4.14 Proportion of Types of Drinking Water Storage Containers Used by Households by Characteristic, 2023 SKI

| Characteristic | Covered Pot/Bucket | Uncovered Pot/Bucket | Jug/Container with Small Opening | Gallon | Others | Weighted N |
|--|-----------------------|-------------------------|--|--------|--------|------------|
| | % | % | % | % | % | |
| Education | | | | | | |
| Never attended school | 43.2 | 4.4 | 61.6 | 26.1 | 5.5 | 16,103 |
| Some primary school/Islamic primary school | 38.4 | 3.8 | 63.3 | 32.3 | 3.9 | 23,447 |
| Primary school/Islamic primary school graduate | 34.1 | 3.2 | 65.0 | 34.2 | 3.3 | 96,195 |
| Junior secondary school/Islamic junior secondary school graduate | 29.8 | 2.9 | 57.4 | 45.1 | 3.5 | 55,131 |
| Senior secondary school/Islamic senior secondary school graduate | 23.1 | 2.4 | 49.5 | 55.6 | 3.5 | 93,217 |
| D1/D2/D3/university graduate | 19.5 | 2.3 | 42.6 | 64.1 | 4.5 | 31,553 |
| Occupation | | | | | | |
| Unemployed | 28.4 | 3.1 | 58.5 | 41.2 | 3.9 | 25,081 |
| Student | 28.1 | 4.3 | 45.7 | 53.9 | 5.7 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 23.3 | 3.0 | 46.4 | 61.3 | 4.5 | 15,279 |
| Private employee | 16.2 | 2.0 | 43.3 | 63.3 | 3.5 | 46,440 |
| Self-employed | 25.2 | 2.5 | 53.8 | 50.9 | 3.5 | 75,082 |
| Farmer/farm worker | 46.3 | 4.4 | 66.2 | 27.4 | 3.9 | 86,055 |
| Fisher | 37.6 | 3.8 | 53.2 | 48.4 | 3.7 | 5,141 |
| Labor/driver/domestic help | 20.2 | 1.8 | 60.3 | 43.9 | 3.1 | 44,892 |
| Others | 27.8 | 2.7 | 54.2 | 47.7 | 4.5 | 16,615 |
| Residence | | | | | | |
| Urban | 19.9 | 2.1 | 50.5 | 54.0 | 3.6 | 183,418 |
| Rural | 42.6 | 4.2 | 64.9 | 32.2 | 3.8 | 132,228 |
| Economic Status | | | | | | |
| Lowest | 44.3 | 4.8 | 68.1 | 22.7 | 4.3 | 50,291 |
| Lower middle | 36.2 | 3.3 | 63.4 | 34.1 | 3.8 | 59,016 |
| Middle | 31.1 | 2.8 | 59.5 | 41.6 | 3.3 | 65,697 |
| Upper middle | 24.1 | 2.5 | 54.3 | 51.3 | 3.2 | 71,513 |
| Highest | 16.7 | 1.9 | 41.8 | 66.6 | 4.0 | 69,104 |

4.2. SANITATION

SDG 6: Ensure availability and sustainable management of water and sanitation for all. Indicator SDG 6.2 states, "By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and those in vulnerable positions." 6.2.1(B) Percentage of households with access to adequate and sustainable sanitation services.

Based on the SDGs ladder, there are several levels that need to be measured in order to achieve target 6.2 of the SDGs, which are as follows:

Definitions used in Indonesia

Open defecation (BABS) Have sanitation facilities but do not use them or do not have sanitation facilities.

Closed defecation Users of sanitation facilities with final disposal of feces in ponds/fields/rivers/lakes/seas and/or beaches/open fields/gardens and others.

Inadequate access Sanitation facilities with earthen pits in urban areas:
a. Users of sanitation facilities: individual or shared with specific other households;
b. Superstructure: type of toilet using a goose neck;
c. Substructure: final disposal of feces using an earthen pit.
Non-goose neck sanitation facilities (urban and rural):
a. Users of sanitation facilities: individual or shared;
b. Superstructure: type of toilet using dam-up (*plengsengan*) with and without cover and traditional pits (*cubluk/cemplung*);
c. Substructure: final disposal of feces using septic tanks, wastewater treatment plant (IPAL)/wastewater treatment system (SPAL) and/earthen pits.

Public facilities:

Users of sanitation facilities: public bathing, washing, and latrine facility/used by anyone.

Shared adequate access Urban and rural:
a. Users of sanitation facilities: households sharing with specific other households;
b. Superstructure: type of toilet using a goose neck;
c. Substructure: septic tank that has been desludged at least once in the last 5 years*; or IPAL/SPAL.
Sanitation facility with earthen pit in rural areas:
a. Users of sanitation facilities: households sharing with specific other households;
b. Superstructure: type of toilet using a goose neck;
c. Substructure: final disposal of feces using an earthen pit.

Individual adequate access Urban and rural:
a. Users of sanitation facilities: individual households;
b. Superstructure: type of toilet using a goose neck;
c. Substructure: septic tank not desludged or desludged less than once in 5 years.

Sanitation facility with earthen pit in rural areas:

- a. Users of sanitation facilities: individual households;
- b. Superstructure: type of toilet using a goose neck;
- c. Substructure: final disposal of feces using an earthen pit.

Safe access

Centralized safe access system:

- a. Users of sanitation facilities: individual households;
- b. Superstructure: type of toilet using a goose neck;
- c. Substructure: IPAL/SPAL.

Local safe access system:

- a. Users of sanitation facilities: individual households;
- b. Superstructure: type of toilet using a goose neck;
- c. Substructure: septic tank that has been desludged at least once in the last 5 years.

Source: Guidelines for Measuring Development and Settlement Achievements Based on Outcomes, Bappenas, 2020

Table 4.15 Proportion of Access to Toilet Facilities and Household Usage Behavior by Province, 2023 SKI

| Province | Available, Used by Household Only | Available, Used with Other Households | Available, Public Sanitation Facility | Available, Not Used | No Facility | Weighted N |
|-------------------------|-----------------------------------|---------------------------------------|---------------------------------------|---------------------|-------------|----------------|
| | % | % | % | % | % | |
| Aceh | 88.3 | 2.6 | 2.2 | 0.4 | 6.6 | 5,756 |
| North Sumatra | 94.5 | 1.6 | 1.3 | 0.1 | 2.6 | 15,886 |
| West Sumatra | 86.5 | 3.9 | 2.0 | 0.2 | 7.5 | 6,043 |
| Riau | 96.1 | 1.4 | 0.5 | 0.1 | 1.9 | 7,052 |
| Jambi | 95.3 | 2.2 | 0.7 | 0.0 | 1.8 | 4,051 |
| South Sumatra | 92.6 | 2.6 | 1.7 | 0.1 | 3.1 | 9,403 |
| Bengkulu | 94.4 | 1.7 | 0.7 | 0.1 | 3.2 | 2,323 |
| Lampung | 95.9 | 2.4 | 0.4 | 0.1 | 1.2 | 10,424 |
| Bangka Belitung Islands | 96.1 | 1.6 | 0.4 | 0.2 | 1.8 | 1,708 |
| Riau Islands | 97.4 | 2.0 | 0.2 | 0.0 | 0.4 | 2,514 |
| DKI Jakarta | 91.4 | 5.7 | 2.8 | 0.0 | 0.2 | 12,318 |
| West Java | 90.8 | 4.7 | 2.3 | 0.2 | 2.1 | 58,514 |
| Central Java | 93.2 | 3.8 | 0.8 | 0.1 | 2.1 | 44,459 |
| DI Yogyakarta | 93.7 | 5.0 | 0.8 | 0.0 | 0.5 | 4,957 |
| East Java | 91.5 | 3.9 | 1.0 | 0.1 | 3.6 | 50,591 |
| Banten | 87.9 | 6.3 | 0.9 | 0.2 | 4.7 | 13,333 |
| Bali | 91.3 | 7.0 | 0.3 | 0.1 | 1.4 | 5,149 |
| West Nusa Tenggara | 84.2 | 10.3 | 1.2 | 0.2 | 4.2 | 6,849 |
| East Nusa Tenggara | 86.0 | 7.2 | 1.2 | 0.2 | 5.5 | 5,335 |
| West Kalimantan | 93.9 | 1.4 | 1.2 | 0.2 | 3.3 | 5,784 |
| Central Kalimantan | 88.3 | 5.5 | 3.8 | 0.1 | 2.3 | 3,178 |
| South Kalimantan | 90.9 | 4.0 | 3.0 | 0.1 | 2.0 | 5,023 |
| East Kalimantan | 96.5 | 1.8 | 0.8 | 0.1 | 0.8 | 4,320 |
| North Kalimantan | 96.5 | 1.7 | 0.6 | 0.0 | 1.2 | 729 |
| North Sulawesi | 89.9 | 4.9 | 2.0 | 0.1 | 3.1 | 3,031 |
| Central Sulawesi | 83.8 | 4.6 | 2.4 | 0.3 | 8.8 | 3,216 |
| South Sulawesi | 92.0 | 4.7 | 1.3 | 0.1 | 1.8 | 9,484 |
| Southeast Sulawesi | 89.0 | 5.7 | 0.9 | 0.1 | 4.4 | 2,733 |
| Gorontalo | 81.4 | 7.1 | 5.7 | 0.2 | 5.7 | 1,260 |
| West Sulawesi | 85.4 | 5.0 | 2.6 | 0.2 | 6.8 | 1,468 |
| Maluku | 83.8 | 4.8 | 4.8 | 0.2 | 6.4 | 1,753 |
| North Maluku | 80.6 | 9.1 | 7.0 | 0.1 | 3.1 | 1,222 |
| West Papua | 85.6 | 4.3 | 6.7 | 0.1 | 3.3 | 563 |
| Southwest Papua | 80.2 | 7.8 | 10.0 | 0.2 | 1.9 | 599 |
| Papua | 88.4 | 4.4 | 4.3 | 0.3 | 2.6 | 1,030 |
| South Papua | 72.3 | 7.4 | 7.7 | 0.9 | 11.8 | 546 |
| Central Papua | 71.9 | 9.1 | 5.7 | 1.4 | 11.8 | 1,528 |
| Highland Papua | 46.5 | 16.8 | 11.1 | 2.2 | 23.5 | 1,516 |
| INDONESIA | 91.1 | 4.3 | 1.6 | 0.2 | 3.0 | 315,646 |

Table 4.16. Proportion of Access to Toilet Facilities and Household Usage Behavior by Characteristic, 2023 SKI

| Characteristic | Available, Used by Household Only | Available, Used with Other Households | Available, Public Sanitation Facility | Available , Not Used | No Facility | Weighted N |
|--|--|--|--|----------------------------|----------------|------------|
| | % | % | % | % | % | |
| Education | | | | | | |
| Never attended school | 79.9 | 7.0 | 3.0 | 0.5 | 9.6 | 16,103 |
| Some primary school/Islamic primary school | 85.9 | 5.9 | 2.1 | 0.2 | 5.9 | 23,447 |
| Primary school/Islamic primary school graduate | 88.5 | 4.7 | 2.3 | 0.2 | 4.3 | 96,195 |
| Junior secondary school/Islamic junior secondary school graduate | 92.0 | 4.1 | 1.5 | 0.1 | 2.3 | 55,131 |
| Senior secondary school/Islamic senior secondary school graduate | 94.5 | 3.5 | 0.9 | 0.1 | 1.0 | 93,217 |
| D1/D2/D3/university graduate | 96.7 | 2.7 | 0.3 | 0.1 | 0.3 | 31,553 |
| Occupation | | | | | | |
| Unemployed | 88.8 | 5.9 | 1.6 | 0.2 | 3.4 | 25,081 |
| Student | 84.0 | 7.3 | 4.8 | 0.2 | 3.7 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 97.4 | 2.0 | 0.3 | 0.1 | 0.2 | 15,279 |
| Private employee | 95.0 | 3.7 | 0.7 | 0.1 | 0.5 | 46,440 |
| Self-employed | 94.1 | 3.3 | 1.0 | 0.1 | 1.4 | 75,082 |
| Farmer/farm worker | 87.3 | 4.5 | 2.2 | 0.2 | 5.8 | 86,055 |
| Fisher | 84.2 | 4.4 | 3.5 | 0.2 | 7.6 | 5,141 |
| Labor/driver/domestic help | 88.7 | 5.8 | 2.3 | 0.2 | 3.0 | 44,892 |
| Others | 92.4 | 3.9 | 1.4 | 0.1 | 2.1 | 16,615 |
| Residence | | | | | | |
| Urban | 93.2 | 4.1 | 1.2 | 0.1 | 1.4 | 183,418 |
| Rural | 88.2 | 4.5 | 2.1 | 0.2 | 5.1 | 132,228 |
| Economic Status | | | | | | |
| Lowest | 75.4 | 7.6 | 4.9 | 0.4 | 11.7 | 50,291 |
| Lower middle | 88.4 | 5.4 | 2.2 | 0.2 | 3.8 | 59,016 |
| Middle | 93.2 | 4.1 | 1.2 | 0.1 | 1.4 | 65,697 |
| Upper middle | 96.2 | 3.0 | 0.4 | 0.1 | 0.3 | 71,513 |
| Highest | 97.5 | 2.3 | 0.2 | 0.1 | 0.0 | 69,104 |

Table 4.17 Proportion of Locations of Household Toilet Facilities by Province, 2023 SKI

| Province | In the House | Within the Premise | Outside the Premise | Weighted N |
|-------------------------|--------------|--------------------|---------------------|----------------|
| | % | % | % | |
| Aceh | 85.1 | 11.6 | 3.3 | 5,315 |
| North Sumatra | 94.4 | 3.5 | 2.1 | 15,336 |
| West Sumatra | 91.1 | 5.5 | 3.4 | 5,533 |
| Riau | 88.0 | 10.7 | 1.3 | 6,856 |
| Jambi | 91.8 | 6.7 | 1.5 | 3,943 |
| South Sumatra | 87.4 | 8.8 | 3.8 | 9,033 |
| Bengkulu | 89.2 | 9.3 | 1.5 | 2,230 |
| Lampung | 82.7 | 14.6 | 2.7 | 10,203 |
| Bangka Belitung Islands | 94.5 | 4.3 | 1.2 | 1,660 |
| Riau Islands | 96.2 | 3.4 | 0.4 | 2,484 |
| DKI Jakarta | 95.6 | 1.8 | 2.6 | 12,194 |
| West Java | 94.0 | 2.8 | 3.2 | 56,725 |
| Central Java | 90.2 | 7.7 | 2.1 | 43,108 |
| DI Yogyakarta | 83.0 | 14.9 | 2.1 | 4,890 |
| East Java | 84.2 | 13.3 | 2.6 | 48,325 |
| Banten | 97.4 | 1.1 | 1.5 | 12,579 |
| Bali | 62.0 | 37.6 | 0.4 | 5,031 |
| West Nusa Tenggara | 75.9 | 21.3 | 2.9 | 6,495 |
| East Nusa Tenggara | 29.4 | 63.7 | 6.9 | 4,995 |
| West Kalimantan | 92.7 | 5.2 | 2.1 | 5,538 |
| Central Kalimantan | 84.2 | 7.6 | 8.2 | 3,077 |
| South Kalimantan | 88.4 | 5.8 | 5.8 | 4,875 |
| East Kalimantan | 96.1 | 2.8 | 1.2 | 4,244 |
| North Kalimantan | 95.6 | 3.2 | 1.2 | 715 |
| North Sulawesi | 83.6 | 14.1 | 2.4 | 2,913 |
| Central Sulawesi | 83.9 | 12.4 | 3.7 | 2,898 |
| South Sulawesi | 80.0 | 17.1 | 2.9 | 9,225 |
| Southeast Sulawesi | 85.6 | 12.3 | 2.2 | 2,591 |
| Gorontalo | 72.9 | 20.6 | 6.5 | 1,176 |
| West Sulawesi | 77.6 | 17.4 | 5.0 | 1,353 |
| Maluku | 76.8 | 16.5 | 6.7 | 1,624 |
| North Maluku | 75.0 | 16.8 | 8.2 | 1,172 |
| West Papua | 77.2 | 15.1 | 7.8 | 540 |
| Southwest Papua | 76.1 | 12.4 | 11.5 | 582 |
| Papua | 83.3 | 12.5 | 4.2 | 992 |
| South Papua | 61.0 | 26.0 | 13.1 | 473 |
| Central Papua | 37.1 | 50.6 | 12.3 | 1,316 |
| Highland Papua | 33.6 | 40.5 | 26.0 | 1,118 |
| INDONESIA | 87.2 | 9.9 | 2.9 | 303,355 |

Table 4.18 Proportion of Locations of Household Toilet Facilities by Characteristic, 2023 SKI

| Characteristic | In the House | Within the Premise | Outside the Premise | Weighted N |
|--|--------------|--------------------|---------------------|------------|
| | % | % | % | |
| Education | | | | |
| Never attended school | 69.3 | 23.8 | 7.0 | 14,361 |
| Some primary school/Islamic primary school | 79.9 | 15.3 | 4.8 | 21,827 |
| Primary school/Islamic primary school graduate | 82.8 | 12.7 | 4.5 | 91,132 |
| Junior secondary school/Islamic junior secondary school graduate | 88.0 | 9.3 | 2.7 | 53,382 |
| Senior secondary school/Islamic senior secondary school graduate | 92.8 | 5.9 | 1.3 | 91,461 |
| D1/D2/D3/university graduate | 95.4 | 4.2 | 0.5 | 31,192 |
| Occupation | | | | |
| Unemployed | 87.3 | 9.6 | 3.2 | 23,965 |
| Student | 83.5 | 14.5 | 2.0 | 1,012 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 95.1 | 4.5 | 0.4 | 15,110 |
| Private employee | 94.7 | 4.3 | 1.1 | 45,771 |
| Self-employed | 91.7 | 6.6 | 1.7 | 73,324 |
| Farmer/farm worker | 76.0 | 18.8 | 5.2 | 80,233 |
| Fisher | 81.8 | 12.8 | 5.4 | 4,699 |
| Labor/driver/domestic help | 89.0 | 7.4 | 3.6 | 43,132 |
| Others | 89.9 | 7.8 | 2.2 | 16,109 |
| Residence | | | | |
| Urban | 92.9 | 5.3 | 1.8 | 179,128 |
| Rural | 78.9 | 16.5 | 4.6 | 124,227 |
| Economic Status | | | | |
| Lowest | 61.7 | 27.5 | 10.8 | 43,855 |
| Lower middle | 81.5 | 14.4 | 4.1 | 56,188 |
| Middle | 89.8 | 8.3 | 1.9 | 64,156 |
| Upper middle | 94.9 | 4.4 | 0.7 | 70,648 |
| Highest | 97.7 | 2.1 | 0.2 | 68,484 |

Table 4.19 Proportion of Types of Toilets in Households by Province, 2023 SKI

| Province | Type of Toilet | | Weighted N |
|-------------------------|----------------|--|----------------|
| | Goose Neck | Dammed-Up with and without Cover and <i>Cemplung</i> | |
| | % | % | |
| Aceh | 95.0 | 5.0 | 5,315 |
| North Sumatra | 94.9 | 5.1 | 15,336 |
| West Sumatra | 93.9 | 6.1 | 5,533 |
| Riau | 92.8 | 7.2 | 6,856 |
| Jambi | 96.9 | 3.1 | 3,943 |
| South Sumatra | 94.0 | 6.0 | 9,033 |
| Bengkulu | 94.9 | 5.1 | 2,230 |
| Lampung | 95.8 | 4.2 | 10,203 |
| Bangka Belitung Islands | 95.1 | 4.9 | 1,660 |
| Riau Islands | 91.2 | 8.8 | 2,484 |
| DKI Jakarta | 96.5 | 3.6 | 12,194 |
| West Java | 93.9 | 6.1 | 56,725 |
| Central Java | 96.6 | 3.4 | 43,108 |
| DI Yogyakarta | 97.2 | 2.8 | 4,890 |
| East Java | 94.6 | 5.4 | 48,325 |
| Banten | 97.1 | 3.0 | 12,579 |
| Bali | 96.9 | 3.2 | 5,031 |
| West Nusa Tenggara | 96.7 | 3.3 | 6,495 |
| East Nusa Tenggara | 85.4 | 14.6 | 4,995 |
| West Kalimantan | 93.2 | 6.8 | 5,538 |
| Central Kalimantan | 85.5 | 14.5 | 3,077 |
| South Kalimantan | 87.7 | 12.3 | 4,875 |
| East Kalimantan | 91.4 | 8.6 | 4,244 |
| North Kalimantan | 93.8 | 6.2 | 715 |
| North Sulawesi | 96.8 | 3.2 | 2,913 |
| Central Sulawesi | 95.2 | 4.8 | 2,898 |
| South Sulawesi | 97.2 | 2.8 | 9,225 |
| Southeast Sulawesi | 95.3 | 4.7 | 2,591 |
| Gorontalo | 97.3 | 2.7 | 1,176 |
| West Sulawesi | 96.9 | 3.1 | 1,353 |
| Maluku | 90.3 | 9.7 | 1,624 |
| North Maluku | 95.5 | 4.5 | 1,172 |
| West Papua | 93.8 | 6.2 | 540 |
| Southwest Papua | 90.7 | 9.3 | 582 |
| Papua | 90.8 | 9.2 | 992 |
| South Papua | 84.8 | 15.2 | 473 |
| Central Papua | 41.2 | 58.8 | 1,316 |
| Highland Papua | 48.1 | 51.9 | 1,118 |
| INDONESIA | 94.3 | 5.7 | 303,355 |

Table 4.20 Proportion of Types of Toilets in Households by Characteristic, 2023 SKI

| Province | Goose Neck | Dammed-Up with and without Cover and Cemplung | Weighted N |
|--|------------|---|------------|
| | | % | |
| Education | | | |
| Never attended school | 87.6 | 12.4 | 14,361 |
| Some primary school/Islamic primary school | 91.6 | 8.4 | 21,827 |
| Primary school/Islamic primary school graduate | 92.7 | 7.3 | 91,132 |
| Junior secondary school/Islamic junior secondary school graduate | 95.2 | 4.8 | 53,382 |
| Senior secondary school/Islamic senior secondary school graduate | 96.5 | 3.5 | 91,461 |
| D1/D2/D3/university graduate | 96.0 | 4.0 | 31,192 |
| Occupation | | | |
| Unemployed | 92.9 | 7.1 | 23,965 |
| Student | 95.7 | 4.3 | 1,012 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 95.8 | 4.2 | 15,110 |
| Private employee | 96.6 | 3.4 | 45,771 |
| Self-employed | 95.9 | 4.1 | 73,324 |
| Farmer/farm worker | 91.6 | 8.4 | 80,233 |
| Fisher | 86.6 | 13.4 | 4,699 |
| Labor/driver/domestic help | 94.9 | 5.1 | 43,132 |
| Others | 95.3 | 4.7 | 16,109 |
| Residence | | | |
| Urban | 96.0 | 4.0 | 179,128 |
| Rural | 91.9 | 8.1 | 124,227 |
| Economic Status | | | |
| Lowest | 84.7 | 15.4 | 43,855 |
| Lower middle | 93.6 | 6.4 | 56,188 |
| Middle | 95.8 | 4.3 | 64,156 |
| Upper middle | 97.0 | 3.0 | 70,648 |
| Highest | 96.9 | 3.1 | 68,484 |

Table 4.21 Proportion of Locations Where Household Waste is Discharged by Province, 2023 SKI

| Province | IPAL | Septic Tank | Traditional Pit (Cubluk) | Covered Pit | Uncovered Pit | Lake/ Pond/ River | Field/ Garden /Open Field | Others | Weighted N |
|-------------------------|------------|-------------|-----------------------------|-------------|---------------|-------------------------|------------------------------------|------------|----------------|
| | % | % | % | % | % | % | % | | |
| Aceh | 1.6 | 92.2 | 0.6 | 2.2 | 0.5 | 2.5 | 0.2 | 0.2 | 5,315 |
| North Sumatra | 1.6 | 89.5 | 0.5 | 2.5 | 0.5 | 4.4 | 0.5 | 0.4 | 15,336 |
| West Sumatra | 1.7 | 80.7 | 1.3 | 1.6 | 0.5 | 13.3 | 0.5 | 0.5 | 5,533 |
| Riau | 1.4 | 89.8 | 0.9 | 4.5 | 0.6 | 2.6 | 0.1 | 0.1 | 6,856 |
| Jambi | 1.3 | 92.7 | 0.7 | 1.9 | 0.2 | 3.0 | 0.1 | 0.1 | 3,943 |
| South Sumatra | 1.2 | 90.9 | 0.5 | 2.0 | 0.6 | 4.3 | 0.3 | 0.3 | 9,033 |
| Bengkulu | 2.1 | 82.5 | 0.3 | 11.3 | 0.9 | 2.5 | 0.2 | 0.2 | 2,230 |
| Lampung | 1.4 | 93.9 | 0.6 | 1.7 | 0.9 | 1.5 | 0.1 | 0.1 | 10,203 |
| Bangka Belitung Islands | 1.1 | 97.3 | 0.1 | 0.9 | 0.1 | 0.5 | 0.1 | 0.0 | 1,660 |
| Riau Islands | 0.8 | 88.6 | 0.2 | 0.6 | 0.1 | 9.8 | 0.0 | 0.0 | 2,484 |
| DKI Jakarta | 1.9 | 93.1 | 0.2 | 0.3 | 0.0 | 4.2 | 0.0 | 0.2 | 12,194 |
| West Java | 1.6 | 78.4 | 3.4 | 1.6 | 0.3 | 14.1 | 0.2 | 0.3 | 56,725 |
| Central Java | 2.5 | 87.9 | 0.3 | 2.3 | 0.3 | 6.4 | 0.2 | 0.1 | 43,108 |
| DI Yogyakarta | 8.4 | 89.2 | 0.3 | 0.5 | 0.1 | 1.2 | 0.1 | 0.1 | 4,890 |
| East Java | 1.7 | 88.3 | 1.0 | 4.7 | 0.7 | 3.3 | 0.2 | 0.0 | 48,325 |
| Banten | 1.4 | 92.7 | 0.4 | 0.4 | 0.3 | 3.7 | 0.5 | 0.6 | 12,579 |
| Bali | 3.0 | 95.9 | 0.2 | 0.4 | 0.1 | 0.2 | 0.1 | 0.0 | 5,031 |
| West Nusa Tenggara | 2.3 | 90.6 | 0.3 | 3.7 | 0.0 | 2.7 | 0.3 | 0.1 | 6,495 |
| East Nusa Tenggara | 1.1 | 57.8 | 0.9 | 38.3 | 1.3 | 0.2 | 0.2 | 0.1 | 4,995 |
| West Kalimantan | 1.3 | 70.6 | 8.7 | 15.4 | 0.4 | 3.0 | 0.1 | 0.4 | 5,538 |
| Central Kalimantan | 1.6 | 80.7 | 1.2 | 4.7 | 0.2 | 11.3 | 0.2 | 0.1 | 3,077 |
| South Kalimantan | 1.0 | 83.1 | 1.6 | 5.2 | 0.2 | 8.7 | 0.1 | 0.1 | 4,875 |
| East Kalimantan | 1.2 | 90.3 | 0.5 | 2.2 | 0.1 | 5.5 | 0.1 | 0.1 | 4,244 |
| North Kalimantan | 1.6 | 89.3 | 0.7 | 1.0 | 0.3 | 6.6 | 0.2 | 0.3 | 715 |
| North Sulawesi | 1.1 | 95.3 | 0.4 | 0.9 | 0.1 | 2.0 | 0.1 | 0.2 | 2,913 |
| Central Sulawesi | 3.2 | 92.4 | 0.2 | 1.0 | 0.2 | 2.7 | 0.1 | 0.2 | 2,898 |
| South Sulawesi | 1.2 | 89.3 | 0.3 | 7.3 | 0.5 | 1.0 | 0.3 | 0.1 | 9,225 |
| Southeast Sulawesi | 1.4 | 81.9 | 0.2 | 13.7 | 0.5 | 2.1 | 0.2 | 0.0 | 2,591 |
| Gorontalo | 1.0 | 97.3 | 0.2 | 0.1 | 0.1 | 1.3 | 0.1 | 0.0 | 1,176 |
| West Sulawesi | 2.1 | 89.8 | 0.7 | 6.5 | 0.1 | 0.4 | 0.3 | 0.1 | 1,353 |
| Maluku | 1.2 | 95.1 | 0.2 | 0.9 | 0.1 | 2.4 | 0.1 | 0.0 | 1,624 |
| North Maluku | 0.8 | 95.6 | 0.2 | 0.6 | 0.0 | 2.7 | 0.1 | 0.0 | 1,172 |
| West Papua | 0.8 | 94.6 | 0.3 | 1.5 | 0.4 | 2.3 | 0.1 | 0.0 | 540 |
| Southwest Papua | 0.9 | 91.1 | 0.3 | 0.9 | 0.1 | 6.6 | 0.1 | 0.0 | 582 |
| Papua | 2.1 | 89.0 | 0.4 | 2.8 | 0.1 | 5.5 | 0.0 | 0.1 | 992 |
| South Papua | 1.0 | 78.0 | 2.2 | 13.0 | 1.6 | 3.3 | 0.7 | 0.1 | 473 |
| Central Papua | 0.7 | 41.5 | 1.3 | 28.9 | 11.2 | 14.3 | 0.8 | 1.2 | 1,316 |
| Highland Papua | 2.5 | 40.1 | 5.6 | 40.8 | 7.8 | 1.1 | 1.7 | 0.4 | 1,118 |
| INDONESIA | 1.8 | 86.2 | 1.3 | 3.8 | 0.5 | 6.0 | 0.2 | 0.2 | 303,355 |

Table 4.22 Proportion of Locations Where Household Waste is Discharged by Characteristic, 2023 SKI

| Characteristic | IPAL | Septic Tank | Traditional Pit (<i>Cubluk</i>) | Covered Pit | Uncovered Pit | Lake/Pond/River | Field/Garden/Open Field | Others | Weighted N |
|--|------|-------------|--------------------------------------|-------------|---------------|-----------------|-------------------------|--------|------------|
| | % | % | % | % | % | % | % | | |
| Education | | | | | | | | | |
| Never attended school | 1.6 | 77.6 | 1.9 | 10.9 | 1.7 | 5.6 | 0.6 | 0.1 | 14,361 |
| Some primary school/Islamic primary school | 1.9 | 82.2 | 1.5 | 5.7 | 0.6 | 7.5 | 0.4 | 0.1 | 21,827 |
| Primary school/Islamic primary school graduate | 1.5 | 82.7 | 2.0 | 4.7 | 0.6 | 8.1 | 0.3 | 0.2 | 91,132 |
| Junior secondary school/Islamic junior secondary school graduate | 1.6 | 86.7 | 1.2 | 3.4 | 0.4 | 6.3 | 0.2 | 0.2 | 53,382 |
| Senior secondary school/Islamic senior secondary school graduate | 2.1 | 89.7 | 0.8 | 2.2 | 0.3 | 4.7 | 0.1 | 0.2 | 91,461 |
| D1/D2/D3/university graduate | 2.4 | 92.0 | 0.5 | 2.2 | 0.1 | 2.5 | 0.1 | 0.1 | 31,192 |
| Occupation | | | | | | | | | |
| Unemployed | 2.0 | 84.8 | 1.6 | 3.8 | 0.7 | 6.8 | 0.3 | 0.2 | 23,965 |
| Student | 2.8 | 88.8 | 0.5 | 2.9 | 0.4 | 4.4 | 0.0 | 0.3 | 1,012 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 2.2 | 91.7 | 0.4 | 2.7 | 0.1 | 2.7 | 0.1 | 0.1 | 15,110 |
| Private employee | 2.3 | 90.6 | 0.8 | 1.4 | 0.2 | 4.4 | 0.1 | 0.2 | 45,771 |
| Self-employed | 1.7 | 88.6 | 1.0 | 2.6 | 0.3 | 5.5 | 0.2 | 0.1 | 73,324 |
| Farmer/farm worker | 1.5 | 83.1 | 1.6 | 7.3 | 0.9 | 5.3 | 0.4 | 0.1 | 80,233 |
| Fisher | 1.3 | 75.9 | 1.3 | 6.6 | 0.5 | 14.0 | 0.1 | 0.2 | 4,699 |
| Labor/driver/domestic help | 1.9 | 82.8 | 1.9 | 2.4 | 0.4 | 10.0 | 0.3 | 0.3 | 43,132 |
| Others | 2.1 | 87.0 | 1.4 | 3.4 | 0.4 | 5.5 | 0.1 | 0.3 | 16,109 |
| Residence | | | | | | | | | |
| Urban | 2.1 | 88.0 | 1.1 | 1.8 | 0.2 | 6.4 | 0.2 | 0.2 | 179,128 |
| Rural | 1.5 | 83.5 | 1.6 | 6.8 | 0.8 | 5.4 | 0.3 | 0.1 | 124,227 |
| Economic Status | | | | | | | | | |
| Lowest | 1.3 | 74.6 | 2.5 | 10.6 | 1.7 | 8.3 | 0.7 | 0.3 | 43,855 |
| Lower middle | 1.6 | 83.9 | 1.5 | 4.7 | 0.6 | 7.3 | 0.2 | 0.2 | 56,188 |
| Middle | 2.0 | 86.1 | 1.4 | 3.1 | 0.3 | 6.9 | 0.2 | 0.2 | 64,156 |
| Upper middle | 1.9 | 88.9 | 1.0 | 2.3 | 0.2 | 5.5 | 0.1 | 0.2 | 70,648 |
| Highest | 2.1 | 92.8 | 0.6 | 1.1 | 0.1 | 3.1 | 0.1 | 0.1 | 68,484 |

Table 4.23 Proportion of Frequency of Septic Tank Desludging in the Last 5 Years in Households by Province, 2023 SKI

| Province | Frequency of Septic Tank Desludging | | |
|-------------------------|-------------------------------------|---------------|---------------|
| | 1-6 Times % | >6 Times % | Weighted N |
| Aceh | 87.4 | 12.6 | 713 |
| North Sumatra | 88.8 | 11.2 | 879 |
| West Sumatra | 96.5 | 3.5 | 437 |
| Riau | 95.4 | 4.6 | 551 |
| Jambi | 86.5 | 13.5 | 334 |
| South Sumatra | 89.6 | 10.4 | 442 |
| Bengkulu | 89.3 | 10.7 | 113 |
| Lampung | 94.4 | 5.6 | 499 |
| Bangka Belitung Islands | 96.4 | 3.6 | 76 |
| Riau Islands | 95.7 | 4.3 | 246 |
| DKI Jakarta | 97.5 | 2.5 | 2,768 |
| West Java | 95.6 | 4.4 | 4,756 |
| Central Java | 94.7 | 5.3 | 3,958 |
| DI Yogyakarta | 96.9 | 3.1 | 549 |
| East Java | 97.6 | 2.4 | 4,432 |
| Banten | 96.0 | 4.0 | 1,487 |
| Bali | 97.1 | 2.9 | 831 |
| West Nusa Tenggara | 94.7 | 5.3 | 369 |
| East Nusa Tenggara | 84.5 | 15.5 | 48* |
| West Kalimantan | 90.6 | 9.4 | 262 |
| Central Kalimantan | 84.8 | 15.2 | 222 |
| South Kalimantan | 88.1 | 11.9 | 193 |
| East Kalimantan | 94.7 | 5.3 | 250 |
| North Kalimantan | 85.3 | 14.7 | 27* |
| North Sulawesi | 93.4 | 6.6 | 146 |
| Central Sulawesi | 83.6 | 16.4 | 71 |
| South Sulawesi | 91.5 | 8.5 | 379 |
| Southeast Sulawesi | 88.7 | 11.3 | 42* |
| Gorontalo | 93.9 | 6.1 | 46* |
| West Sulawesi | 86.0 | 14.0 | 22* |
| Maluku | 77.8 | 22.2 | 30* |
| North Maluku | 68.4 | 31.6 | 35* |
| West Papua | 86.4 | 13.6 | 9* |
| Southwest Papua | 92.1 | 7.9 | 18* |
| Papua | 87.8 | 12.2 | 71 |
| South Papua | 93.2 | 6.8 | 21* |
| Central Papua | 93.7 | 6.3 | 32* |
| Highland Papua | 90.3 | 9.7 | 6* |
| INDONESIA | 94.9 | 5.1 | 25,368 |

*Weighted N < 50

Table 4.24 Proportion of Frequency of Septic Tank Desludging in the Last 5 Years in Households by Characteristic, 2023 SKI

| Characteristic | Frequency of Septic Tank Desludging | | Weighted N |
|--|-------------------------------------|---------------|------------|
| | 1-6 Times % | >6 Times % | |
| Education | | | |
| Never attended school | 93.4 | 6.6 | 635 |
| Some primary school/Islamic primary school | 93.4 | 6.6 | 1,198 |
| Primary school/Islamic primary school graduate | 93.2 | 6.8 | 5,076 |
| Junior secondary school/Islamic junior secondary school graduate | 94.1 | 5.9 | 4,042 |
| Senior secondary school/Islamic senior secondary school graduate | 95.7 | 4.3 | 10,147 |
| D1/D2/D3/university graduate | 96.3 | 3.7 | 4,271 |
| Occupation | | | |
| Unemployed | 95.3 | 4.7 | 2,064 |
| Student | 91.5 | 8.6 | 78 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 95.1 | 4.9 | 1,859 |
| Private employee | 96.4 | 3.6 | 6,128 |
| Self-employed | 94.5 | 5.5 | 6,741 |
| Farmer/farm worker | 91.7 | 8.7 | 3,470 |
| Fisher | 90.1 | 9.9 | 188 |
| Labor/driver/domestic help | 95.7 | 4.3 | 3,357 |
| Others | 96.0 | 4.0 | 1,483 |
| Residence | | | |
| Urban | 95.8 | 4.2 | 20,406 |
| Rural | 91.3 | 8.7 | 4,962 |
| Economic Status | | | |
| Lowest | 92.2 | 7.8 | 1,337 |
| Lower middle | 93.3 | 6.7 | 2,780 |
| Middle | 94.7 | 5.3 | 4,500 |
| Upper middle | 94.9 | 5.1 | 6,439 |
| Highest | 95.8 | 4.2 | 10,312 |

Table 4.25. Proportion of Access to Safe Household Sanitation by Province, 2023 SKI

| Province | Open Defecating (BABS) | | Closed Defecating (BABS) | | Inadequate Access | | Shared Inadequate Access | | Individual Adequate Access | | Safe Access | | Weighted N |
|-------------------------|------------------------|----------------|--------------------------|----------------|-------------------|----------------|--------------------------|----------------|----------------------------|------------------|-------------|------------------|----------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 6.9 | 6.0-7.9 | 2.4 | 2.0-2.9 | 6.4 | 5.8-7.2 | 2.2 | 1.8-2.6 | 65.2 | 63.7-66.8 | 16.9 | 15.6-18.1 | 5,756 |
| North Sumatra | 2.7 | 2.3-3.1 | 4.8 | 3.9-5.9 | 5.8 | 5.0-6.7 | 1.2 | 0.9-1.5 | 77.2 | 75.6-78.6 | 8.3 | 7.2-9.6 | 15,886 |
| West Sumatra | 7.7 | 6.8-8.6 | 12.1 | 10.9-13.5 | 5.8 | 5.1-6.7 | 3.1 | 2.6-3.7 | 61.1 | 59.2-63.0 | 10.2 | 9.2-11.2 | 6,043 |
| Riau | 2.0 | 1.5-2.7 | 2.6 | 2.0-3.5 | 6.2 | 4.9-7.9 | 1.1 | 0.9-1.5 | 76.8 | 74.7-78.8 | 11.2 | 9.9-12.6 | 7,052 |
| Jambi | 1.9 | 1.3-2.7 | 3.1 | 2.4-4.1 | 3.3 | 2.7-4.0 | 1.9 | 1.4-2.5 | 78.2 | 76.2-80.1 | 11.6 | 10.1-13.2 | 4,051 |
| South Sumatra | 3.1 | 2.7-3.7 | 4.1 | 3.2-5.1 | 5.3 | 4.6-6.1 | 2.0 | 1.6-2.5 | 78.4 | 76.8-80.1 | 7.0 | 6.1-8.0 | 9,403 |
| Bengkulu | 3.2 | 2.4-4.3 | 2.5 | 1.9-3.3 | 7.6 | 6.4-9.0 | 1.5 | 1.1-1.9 | 77.7 | 75.5-79.7 | 7.5 | 6.2-9.0 | 2,323 |
| Lampung | 1.3 | 1.0-1.7 | 1.5 | 1.1-2.0 | 4.4 | 3.8-5.2 | 2.2 | 1.7-2.6 | 83.4 | 81.6-85.0 | 7.2 | 5.8-8.9 | 10,424 |
| Bangka Belitung Islands | 2.0 | 1.6-2.5 | 0.5 | 0.3-0.9 | 5.4 | 4.0-7.1 | 1.3 | 1.0-1.8 | 84.2 | 82.2-85.9 | 6.6 | 5.7-7.7 | 1,708 |
| Riau Islands | 0.4 | 0.3-0.6 | 9.7 | 7.6-12.3 | 3.0 | 2.0-4.6 | 1.5 | 0.9-2.6 | 71.9 | 68.3-75.3 | 13.4 | 11.0-16.1 | 2,514 |
| DKI Jakarta | 0.2 | 0.1-0.5 | 4.0 | 2.8-5.7 | 6.4 | 5.1-7.8 | 4.9 | 3.8-6.2 | 55.7 | 52.9-58.5 | 28.8 | 26.5-31.2 | 12,318 |
| West Java | 2.3 | 2.0-2.6 | 13.2 | 12.2-14.3 | 8.3 | 7.6-9.2 | 3.3 | 2.9-3.7 | 61.6 | 60.2-62.9 | 11.4 | 10.7-12.1 | 58,514 |
| Central Java | 2.2 | 1.9-2.6 | 6.3 | 5.5-7.1 | 3.7 | 3.3-4.2 | 3.3 | 3.0-3.7 | 71.3 | 70.2-72.5 | 13.1 | 12.4-13.9 | 44,459 |
| DI Yogyakarta | 0.5 | 0.3-1.0 | 1.3 | 0.9-1.9 | 3.6 | 2.9-4.5 | 4.5 | 3.6-5.6 | 69.4 | 67.2-71.5 | 20.6 | 18.6-22.9 | 4,957 |
| East Java | 3.7 | 3.2-4.3 | 3.3 | 2.9-3.8 | 6.6 | 6.0-7.1 | 3.2 | 2.8-3.6 | 70.6 | 69.6-71.7 | 12.6 | 11.8-13.4 | 50,591 |
| Banten | 4.9 | 3.9-6.2 | 4.4 | 3.3-5.7 | 3.3 | 2.7-4.1 | 5.6 | 4.2-7.5 | 66.5 | 64.0-68.9 | 15.3 | 13.7-17.0 | 13,333 |
| Bali | 1.5 | 1.1-2.1 | 0.3 | 0.2-0.6 | 3.5 | 2.8-4.4 | 6.3 | 4.8-8.3 | 66.5 | 63.7-69.3 | 21.8 | 19.3-24.5 | 5,149 |
| West Nusa Tenggara | 4.4 | 3.5-5.5 | 2.8 | 2.1-3.7 | 4.7 | 4.0-5.6 | 9.7 | 8.1-11.5 | 70.1 | 67.6-72.4 | 8.3 | 7.1-9.8 | 6,849 |
| East Nusa Tenggara | 5.6 | 5.1-6.3 | 0.4 | 0.3-0.7 | 21.3 | 19.8-22.8 | 5.6 | 5.0-6.2 | 65.2 | 63.5-66.8 | 1.9 | 1.5-2.3 | 5,335 |
| West Kalimantan | 3.5 | 2.9-4.1 | 2.8 | 2.1-3.7 | 12.2 | 10.7-14.0 | 1.1 | 0.8-1.5 | 73.5 | 71.5-75.5 | 6.8 | 5.9-7.9 | 5,784 |
| Central Kalimantan | 2.4 | 1.9-3.0 | 8.5 | 7.0-10.3 | 9.2 | 7.8-10.7 | 3.6 | 2.5-5.2 | 66.0 | 63.4-68.6 | 10.3 | 8.8-12.0 | 3,178 |
| South Kalimantan | 2.2 | 1.7-2.8 | 6.8 | 5.6-8.2 | 9.6 | 8.0-11.4 | 3.0 | 2.4-3.7 | 72.7 | 70.6-74.8 | 5.8 | 4.9-6.7 | 5,023 |
| East Kalimantan | 0.9 | 0.7-1.4 | 5.4 | 3.9-7.4 | 6.9 | 5.7-8.2 | 1.5 | 1.1-2.1 | 77.0 | 74.6-79.3 | 8.3 | 7.2-9.6 | 4,320 |
| North Kalimantan | 1.2 | 0.5-2.5 | 6.9 | 4.6-10.3 | 4.0 | 3.0-5.4 | 1.2 | 0.7-2.1 | 80.6 | 77.1-83.7 | 6.1 | 4.9-7.4 | 729 |
| North Sulawesi | 3.1 | 2.6-3.7 | 2.0 | 1.3-3.0 | 4.7 | 3.9-5.7 | 4.7 | 3.5-5.2 | 79.1 | 75.6-82.2 | 6.4 | 5.2-7.9 | 3,031 |
| Central Sulawesi | 9.2 | 8.1-10.3 | 2.6 | 2.0-3.4 | 5.5 | 4.5-6.6 | 4.2 | 3.4-5.1 | 73.3 | 71.4-75.2 | 5.3 | 4.3-6.5 | 3,216 |
| South Sulawesi | 1.9 | 1.6-2.3 | 1.3 | 0.9-1.9 | 6.5 | 5.6-7.4 | 4.3 | 3.6-5.2 | 80.0 | 78.4-81.6 | 5.9 | 5.2-6.8 | 9,484 |
| Southeast Sulawesi | 4.4 | 3.8-5.2 | 2.2 | 1.6-3.0 | 7.6 | 6.6-8.6 | 5.0 | 4.0-6.2 | 77.8 | 76.3-79.3 | 3.0 | 2.5-3.7 | 2,733 |
| Gorontalo | 5.9 | 4.7-7.3 | 1.3 | 0.7-2.5 | 7.5 | 6.3-9.0 | 6.6 | 5.6-7.7 | 74.2 | 71.6-76.6 | 4.5 | 3.7-5.5 | 1,260 |
| West Sulawesi | 7.0 | 5.7-8.7 | 0.7 | 0.3-1.3 | 6.5 | 5.3-8.0 | 4.6 | 3.7-5.8 | 77.5 | 75.2-79.7 | 3.6 | 2.7-4.8 | 1,468 |
| Maluku | 6.6 | 5.6-7.8 | 1.8 | 1.2-2.6 | 12.2 | 10.5-14.2 | 3.8 | 3.1-4.6 | 72.7 | 70.3-75.0 | 2.9 | 2.3-3.7 | 1,753 |
| North Maluku | 3.3 | 2.6-4.1 | 1.9 | 1.1-3.4 | 9.1 | 7.6-10.9 | 8.5 | 7.1-10.1 | 73.0 | 70.4-75.4 | 4.2 | 3.2-5.6 | 1,222 |
| West Papua | 3.4 | 2.0-5.9 | 2.1 | 1.3-3.4 | 11.2 | 8.6-14.4 | 3.6 | 2.9-4.6 | 77.1 | 73.1-80.7 | 2.6 | 1.9-3.6 | 563 |
| Southwest Papua | 2.1 | 1.1-3.8 | 5.2 | 2.6-10.2 | 13.0 | 10.9-15.6 | 6.5 | 5.1-8.3 | 68.8 | 63.4-73.8 | 4.3 | 3.2-5.8 | 599 |
| Papua | 2.9 | 2.1-3.9 | 5.2 | 3.2-8.4 | 9.6 | 7.4-12.5 | 3.8 | 2.6-5.4 | 68.5 | 64.7-72.2 | 10.0 | 8.0-12.4 | 1,030 |
| South Papua | 12.7 | 10.4-15.4 | 2.8 | 1.6-4.8 | 18.6 | 15.4-22.2 | 5.2 | 3.8-7.2 | 55.2 | 50.3-59.9 | 5.6 | 3.7-8.2 | 546 |
| Central Papua | 13.2 | 9.7-17.7 | 12.6 | 9.9-15.9 | 46.2 | 38.8-53.9 | 1.6 | 1.0-2.6 | 23.5 | 19.1-28.6 | 2.9 | 2.1-4.0 | 1,528 |
| Highland Papua | 25.7 | 20.6-31.5 | 1.5 | 0.9-2.3 | 42.6 | 37.5-47.9 | 5.7 | 3.7-8.8 | 22.8 | 18.5-27.8 | 1.7 | 0.5-5.6 | 1,516 |
| INDONESIA | 3.1 | 3.0-3.3 | 5.7 | 5.5-6.0 | 6.8 | 6.6-7.1 | 3.4 | 3.3-3.6 | 69.4 | 68.9-69.8 | 11.5 | 11.2-11.8 | 315,646 |

Table 4.26 Proportion of Access to Safe Household Sanitation by Characteristic, 2023 SKI

| Characteristic | Open Defecating (BABS) | | Closed Defecating (BABS) | | Inadequate Access | | Shared Inadequate Access | | Individual Adequate Access | | Safe Access | | Weighted N |
|--|------------------------|-----------|--------------------------|-----------|-------------------|-----------|--------------------------|---------|----------------------------|-----------|-------------|-----------|------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Education | | | | | | | | | | | | | |
| Never attended school | 10.1 | 9.1-11.1 | 5.2 | 4.6-5.9 | 12.6 | 11.6-13.6 | 5.1 | 4.5-5.7 | 61.3 | 59.8-62.7 | 5.8 | 5.1-6.5 | 16,103 |
| Some primary school/Islamic primary school | 6.1 | 5.6-6.7 | 6.9 | 6.2-7.6 | 8.4 | 7.7-9.0 | 4.5 | 4.0-5.0 | 66.6 | 65.4-67.7 | 7.5 | 6.9-8.2 | 23,447 |
| Primary school/Islamic primary school graduate | 4.5 | 4.2-4.8 | 7.3 | 6.9-7.8 | 8.1 | 7.7-8.6 | 3.7 | 3.4-3.9 | 68.7 | 68.0-69.3 | 7.7 | 7.4-8.1 | 96,195 |
| Junior secondary school/Islamic junior secondary school graduate | 2.4 | 2.2-2.6 | 6.1 | 5.7-6.6 | 6.3 | 5.9-6.7 | 3.4 | 3.1-3.6 | 71.4 | 70.6-72.1 | 10.4 | 9.9-11.0 | 55,131 |
| Senior secondary school/Islamic senior secondary school graduate | 1.1 | 1.0-1.2 | 4.7 | 4.4-5.1 | 5.0 | 4.8-5.3 | 3.0 | 2.8-3.3 | 70.7 | 70.1-71.3 | 15.4 | 14.9-15.9 | 93,217 |
| D1/D2/D3/university graduate | 0.3 | 0.3-0.4 | 2.7 | 2.4-3.0 | 5.0 | 4.6-5.4 | 2.3 | 2.1-2.6 | 70.3 | 69.4-71.2 | 19.3 | 18.5-20.1 | 31,553 |
| Occupation | | | | | | | | | | | | | |
| Unemployed | 3.7 | 3.3-4.1 | 6.5 | 5.9-7.1 | 7.9 | 7.2-8.6 | 4.5 | 4.0-5.1 | 65.7 | 64.6-66.9 | 11.7 | 11.0-12.5 | 25,081 |
| Student | 3.9 | 2.3-6.3 | 4.4 | 2.4-7.8 | 9.3 | 5.3-15.8 | 5.7 | 3.5-9.2 | 64.8 | 57.2-71.7 | 12.0 | 8.4-16.9 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 0.3 | 0.2-0.4 | 2.8 | 2.4-3.4 | 5.4 | 5.0-6.0 | 1.7 | 1.4-2.1 | 72.6 | 71.4-73.7 | 17.2 | 16.2-18.2 | 15,279 |
| Private employee | 0.6 | 0.5-0.8 | 4.5 | 4.1-5.0 | 4.5 | 4.2-4.9 | 3.1 | 2.8-3.5 | 68.6 | 67.7-69.5 | 18.6 | 17.8-19.4 | 46,440 |
| Self-employed | 1.5 | 1.4-1.7 | 5.4 | 5.0-5.8 | 5.5 | 5.1-5.8 | 2.8 | 2.5-3.0 | 72.1 | 71.4-72.7 | 12.8 | 12.3-13.3 | 75,082 |
| Farmer/farm worker | 6.0 | 5.7-6.4 | 4.8 | 4.5-5.2 | 8.9 | 8.5-9.3 | 3.5 | 3.3-3.7 | 70.7 | 70.0-71.3 | 6.1 | 5.8-6.5 | 86,055 |
| Fisher | 7.9 | 6.6-9.3 | 11.9 | 10.3-13.6 | 10.3 | 8.9-9.3 | 3.5 | 2.9-4.2 | 61.0 | 58.5-63.4 | 5.5 | 4.6-6.5 | 5,141 |
| Labor/driver/domestic help | 3.1 | 2.8-3.5 | 9.4 | 8.8-10.2 | 7.2 | 6.6-7.9 | 4.6 | 4.2-5.1 | 65.0 | 64.0-66.0 | 10.6 | 9.9-11.2 | 44,892 |
| Others | 2.3 | 1.9-2.7 | 5.3 | 4.7-6.0 | 6.4 | 5.8-7.0 | 3.4 | 3.0-3.9 | 69.7 | 68.5-71.0 | 12.9 | 12.0-13.9 | 16,615 |
| Residence | | | | | | | | | | | | | |
| Urban | 1.5 | 1.4-1.7 | 6.3 | 6.0-6.7 | 6.5 | 6.2-6.8 | 3.4 | 3.1-3.6 | 66.7 | 66.1-67.3 | 15.6 | 15.2-16.0 | 183,418 |
| Rural | 5.3 | 5.0-5.6 | 4.9 | 4.6-5.3 | 7.4 | 7.0-7.7 | 3.5 | 3.3-3.8 | 73.1 | 72.4-73.7 | 5.8 | 5.5-6.2 | 132,228 |
| Economic Status | | | | | | | | | | | | | |
| Lowest | 12.1 | 11.5-12.7 | 6.7 | 6.2-7.1 | 14.6 | 13.9-15.3 | 5.6 | 5.3-6.0 | 57.0 | 56.2-57.9 | 4.0 | 3.7-4.3 | 50,291 |
| Lower middle | 4.0 | 3.7-4.4 | 6.8 | 6.3-7.2 | 7.5 | 7.1-7.9 | 4.4 | 4.0-4.7 | 70.4 | 69.7-71.2 | 7.0 | 6.6-7.4 | 59,016 |
| Middle | 1.5 | 1.4-1.7 | 6.8 | 6.3-7.2 | 5.6 | 5.3-6.0 | 3.3 | 3.1-3.6 | 72.6 | 71.9-73.3 | 10.1 | 9.6-10.6 | 65,697 |
| Upper middle | 0.4 | 0.3-0.5 | 5.7 | 5.3-6.1 | 4.6 | 4.3-4.9 | 2.6 | 2.3-2.8 | 73.8 | 73.1-74.5 | 12.9 | 12.4-13.5 | 71,513 |
| Highest | 0.1 | 0.1-0.1 | 3.3 | 3.0-3.6 | 4.1 | 3.8-4.4 | 2.0 | 1.8-2.3 | 69.7 | 69.0-70.5 | 20.8 | 20.1-21.4 | 69,104 |

4.3. WASTE DISPOSAL

This subsection inquires about the management of household wastewater that is not from toilets, which is the fifth pillar of the Community-Based Total Sanitation (STBM). The variables surveyed include the disposal facilities for wastewater from bathrooms/washing areas and the disposal facilities for wastewater from kitchens.

The wastewater disposal facilities are categorized as follows:

1. Closed containment: Facilities for containing wastewater, constructed as ponds or wells with or without concrete/brick plastering and filtering, and covered.
2. Open containment: Facilities for containing wastewater, constructed as ponds or wells with or without concrete/brick plastering and filtering, and open.
3. No containment (on the ground): No facilities for containing household wastewater. Wastewater stagnates on the ground.
4. Direct discharge to gutters/streams/rivers: Household wastewater is directly discharged into surrounding gutters/drains using pipes or directly into streams/rivers using pipes.

Table 4.27 Proportion of Main Wastewater Disposal Sites from Household Bathrooms/Washing Areas by Province, 2023 SKI

| Province | Main Wastewater Disposal Site from Bathrooms/Washing Areas | | | | Weighted N |
|-------------------------|--|------------------|--------------------------------|--|----------------|
| | Closed Containment | Open Containment | No Containment (on the Ground) | Direct Discharge to Gutters/Streams/Rivers | |
| | % | % | % | % | |
| Aceh | 18.4 | 15.4 | 17.0 | 49.3 | 5,756 |
| North Sumatra | 18.3 | 17.7 | 11.3 | 52.7 | 15,886 |
| West Sumatra | 21.0 | 15.9 | 13.8 | 49.3 | 6,043 |
| Riau | 15.5 | 17.2 | 21.5 | 45.9 | 7,052 |
| Jambi | 34.8 | 16.8 | 16.2 | 32.2 | 4,051 |
| South Sumatra | 11.5 | 9.7 | 12.6 | 66.3 | 9,403 |
| Bengkulu | 14.3 | 14.0 | 25.7 | 46.0 | 2,323 |
| Lampung | 13.2 | 27.7 | 16.2 | 43.0 | 10,424 |
| Bangka Belitung Islands | 23.9 | 11.3 | 30.0 | 34.7 | 1,708 |
| Riau Islands | 7.8 | 3.0 | 6.6 | 82.6 | 2,514 |
| DKI Jakarta | 19.3 | 2.3 | 0.3 | 78.0 | 12,318 |
| West Java | 17.8 | 9.7 | 3.8 | 68.7 | 58,514 |
| Central Java | 16.3 | 7.7 | 16.0 | 60.0 | 44,459 |
| DI Yogyakarta | 60.1 | 5.0 | 19.1 | 15.8 | 4,957 |
| East Java | 23.0 | 7.4 | 18.7 | 50.9 | 50,591 |
| Banten | 16.8 | 7.3 | 7.6 | 68.3 | 13,333 |
| Bali | 40.3 | 3.3 | 16.7 | 39.7 | 5,149 |
| West Nusa Tenggara | 25.6 | 6.6 | 17.1 | 50.8 | 6,849 |
| East Nusa Tenggara | 11.0 | 9.7 | 70.9 | 8.4 | 5,335 |
| West Kalimantan | 12.8 | 9.9 | 30.8 | 46.5 | 5,784 |
| Central Kalimantan | 13.8 | 8.4 | 32.1 | 45.7 | 3,178 |
| South Kalimantan | 16.3 | 7.2 | 47.3 | 29.2 | 5,023 |
| East Kalimantan | 9.3 | 7.5 | 19.0 | 64.2 | 4,320 |
| North Kalimantan | 21.3 | 6.8 | 20.9 | 51.0 | 729 |
| North Sulawesi | 8.6 | 5.1 | 21.2 | 65.1 | 3,031 |
| Central Sulawesi | 12.7 | 11.3 | 35.9 | 40.2 | 3,216 |
| South Sulawesi | 14.2 | 7.2 | 30.2 | 48.4 | 9,484 |
| Southeast Sulawesi | 29.1 | 16.4 | 22.6 | 31.9 | 2,733 |
| Gorontalo | 20.7 | 12.7 | 28.1 | 38.6 | 1,260 |
| West Sulawesi | 9.4 | 6.5 | 32.6 | 51.5 | 1,468 |
| Maluku | 19.8 | 10.1 | 35.5 | 34.6 | 1,753 |
| North Maluku | 18.2 | 9.9 | 33.8 | 38.2 | 1,222 |
| West Papua | 19.8 | 7.5 | 36.3 | 36.5 | 563 |
| Southwest Papua | 6.9 | 5.2 | 22.9 | 65.0 | 599 |
| Papua | 11.2 | 8.0 | 18.9 | 62.0 | 1,030 |
| South Papua | 10.1 | 9.6 | 51.1 | 29.2 | 546 |
| Central Papua | 14.1 | 7.3 | 21.1 | 57.5 | 1,528 |
| Highland Papua | 16.3 | 8.1 | 37.1 | 38.5 | 1,516 |
| INDONESIA | 18.9 | 9.7 | 16.3 | 55.1 | 315,646 |

Table 4.28 Proportion of Main Wastewater Disposal Sites from Household Bathrooms/Washing Areas by Characteristic, 2023 SKI

| Characteristic | Main Wastewater Disposal Site from Bathrooms/Washing Areas | | | | Weighted N |
|--|--|------------------|--------------------------------|--|------------|
| | Closed Containment | Open Containment | No Containment (on the Ground) | Direct Discharge to Gutters/Streams/Rivers | |
| | % | % | % | % | |
| Education | | | | | |
| Never attended school | 15.2 | 10.7 | 28.3 | 45.8 | 16,103 |
| Some primary school/Islamic primary school | 17.4 | 11.0 | 21.7 | 49.9 | 23,447 |
| Primary school/Islamic primary school graduate | 16.7 | 11.0 | 20.6 | 51.8 | 96,195 |
| Junior secondary school/Islamic junior secondary school graduate | 18.6 | 10.8 | 16.3 | 54.2 | 55,131 |
| Senior secondary school/Islamic senior secondary school graduate | 20.2 | 8.3 | 11.2 | 60.4 | 93,217 |
| D1/D2/D3/university graduate | 25.0 | 6.7 | 8.5 | 59.8 | 31,553 |
| Occupation | | | | | |
| Unemployed | 18.6 | 8.6 | 14.1 | 58.7 | 25,081 |
| Student | 23.9 | 8.0 | 12.7 | 55.4 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 26.0 | 8.0 | 10.1 | 55.9 | 15,279 |
| Private employee | 20.0 | 6.3 | 7.9 | 65.7 | 46,440 |
| Self-employed | 21.1 | 9.7 | 12.2 | 57.0 | 75,082 |
| Farmer/farm worker | 15.6 | 13.0 | 28.3 | 43.1 | 86,055 |
| Fisher | 14.0 | 8.8 | 26.1 | 51.1 | 5,141 |
| Labor/driver/domestic help | 18.1 | 8.5 | 11.7 | 61.8 | 44,892 |
| Others | 20.0 | 9.3 | 15.1 | 55.6 | 16,615 |
| Residence | | | | | |
| Urban | 20.7 | 7.3 | 8.6 | 63.3 | 183,418 |
| Rural | 16.3 | 13.0 | 27.0 | 43.7 | 132,228 |
| Economic Status | | | | | |
| Lowest | 11.7 | 11.3 | 34.1 | 43.0 | 50,291 |
| Lower middle | 16.2 | 11.6 | 21.7 | 50.5 | 59,016 |
| Middle | 18.8 | 10.9 | 15.5 | 54.9 | 65,697 |
| Upper middle | 21.1 | 9.3 | 10.5 | 59.1 | 71,513 |
| Highest | 24.2 | 6.3 | 5.6 | 63.8 | 69,104 |

Table 4.29 Proportion of Main Wastewater Disposal Sites from Household Kitchens by Province, 2023 SKI

| Province | Main Wastewater Disposal Site from Kitchens | | | | Weighted N |
|-------------------------|---|------------------|--------------------------------|--|----------------|
| | Closed Containment | Open Containment | No Containment (on the Ground) | Direct Discharge to Gutters/Streams/Rivers | |
| | % | % | % | % | |
| Aceh | 14.3 | 19.2 | 17.6 | 48.9 | 5,756 |
| North Sumatra | 15.1 | 20.7 | 12.2 | 52.0 | 15,886 |
| West Sumatra | 19.4 | 16.8 | 14.2 | 49.6 | 6,043 |
| Riau | 13.8 | 18.5 | 21.6 | 46.0 | 7,052 |
| Jambi | 29.6 | 20.1 | 16.5 | 33.9 | 4,051 |
| South Sumatra | 9.4 | 11.2 | 12.2 | 67.3 | 9,403 |
| Bengkulu | 13.1 | 14.9 | 25.3 | 46.7 | 2,323 |
| Lampung | 10.3 | 29.5 | 16.3 | 43.9 | 10,424 |
| Bangka Belitung Islands | 17.9 | 14.5 | 32.4 | 35.2 | 1,708 |
| Riau Islands | 6.5 | 3.4 | 7.1 | 83.1 | 2,514 |
| DKI Jakarta | 17.0 | 4.2 | 0.4 | 78.4 | 12,318 |
| West Java | 15.8 | 10.8 | 3.9 | 69.4 | 58,514 |
| Central Java | 15.4 | 7.6 | 16.2 | 60.8 | 44,459 |
| DI Yogyakarta | 57.4 | 5.8 | 20.5 | 16.2 | 4,957 |
| East Java | 20.7 | 8.7 | 19.4 | 51.3 | 50,591 |
| Banten | 14.1 | 8.0 | 7.6 | 70.4 | 13,333 |
| Bali | 31.2 | 6.9 | 20.3 | 41.6 | 5,149 |
| West Nusa Tenggara | 20.6 | 7.7 | 18.3 | 53.4 | 6,849 |
| East Nusa Tenggara | 6.7 | 8.3 | 77.4 | 7.6 | 5,335 |
| West Kalimantan | 8.6 | 10.4 | 34.2 | 46.8 | 5,784 |
| Central Kalimantan | 10.0 | 10.3 | 33.7 | 46.0 | 3,178 |
| South Kalimantan | 13.7 | 8.3 | 48.2 | 29.9 | 5,023 |
| East Kalimantan | 6.4 | 10.2 | 19.0 | 64.4 | 4,320 |
| North Kalimantan | 17.9 | 8.5 | 21.1 | 52.6 | 729 |
| North Sulawesi | 6.6 | 5.6 | 22.1 | 65.8 | 3,031 |
| Central Sulawesi | 9.7 | 12.3 | 36.8 | 41.2 | 3,216 |
| South Sulawesi | 10.3 | 8.1 | 31.3 | 50.3 | 9,484 |
| Southeast Sulawesi | 22.4 | 19.2 | 26.0 | 32.5 | 2,733 |
| Gorontalo | 16.3 | 14.7 | 30.1 | 38.9 | 1,260 |
| West Sulawesi | 8.1 | 7.4 | 33.1 | 51.4 | 1,468 |
| Maluku | 11.2 | 11.9 | 40.9 | 36.0 | 1,753 |
| North Maluku | 10.2 | 10.5 | 40.4 | 38.9 | 1,222 |
| West Papua | 11.4 | 10.8 | 40.4 | 37.4 | 563 |
| Southwest Papua | 5.3 | 5.4 | 23.6 | 65.7 | 599 |
| Papua | 7.0 | 10.6 | 19.8 | 62.6 | 1,030 |
| South Papua | 6.7 | 11.5 | 52.5 | 29.3 | 546 |
| Central Papua | 7.9 | 10.2 | 22.4 | 59.5 | 1,528 |
| Highland Papua | 8.3 | 14.3 | 37.5 | 39.9 | 1,516 |
| INDONESIA | 16.2 | 11.0 | 17.1 | 55.8 | 315,646 |

Table 4.30 Proportion of Main Wastewater Disposal Sites from Household Kitchens by Characteristic, 2023 SKI

| Characteristic | Main Wastewater Disposal Sites from Household Kitchens | | | | Weighted N |
|--|--|-----------------------|--|---|------------|
| | Closed Containment % | Open Containment % | No Containment (on the Ground) % | Direct Discharge to Gutters/Streams/Rivers % | |
| Education | | | | | |
| Never attended school | 12.3 | 12.1 | 29.4 | 46.2 | 16,103 |
| Some primary school/Islamic primary school | 14.7 | 12.4 | 22.6 | 50.3 | 23,447 |
| Primary school/Islamic primary school graduate | 14.0 | 12.3 | 21.6 | 52.1 | 96,195 |
| Junior secondary school/Islamic junior secondary school graduate | 16.4 | 11.8 | 16.9 | 54.9 | 55,131 |
| Senior secondary school/Islamic senior secondary school graduate | 17.5 | 9.5 | 11.7 | 61.2 | 93,217 |
| D1/D2/D3/university graduate | 22.0 | 7.9 | 8.9 | 61.3 | 31,553 |
| Occupation | | | | | |
| Unemployed | 15.8 | 10.1 | 14.7 | 59.5 | 25,081 |
| Student | 20.5 | 9.4 | 13.4 | 56.7 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 22.6 | 9.0 | 10.8 | 57.6 | 15,279 |
| Private employee | 17.9 | 7.1 | 8.2 | 66.8 | 46,440 |
| Self-employed | 18.6 | 11.1 | 12.6 | 57.7 | 75,082 |
| Farmer/farm worker | 12.5 | 14.5 | 29.5 | 43.4 | 86,055 |
| Fisher | 10.5 | 10.0 | 28.0 | 51.5 | 5,141 |
| Labor/driver/domestic help | 15.7 | 9.4 | 12.4 | 62.5 | 44,892 |
| Others | 17.6 | 10.4 | 15.7 | 56.4 | 16,615 |
| Residence | | | | | |
| Urban | 18.5 | 8.3 | 9.0 | 64.2 | 183,418 |
| Rural | 13.0 | 14.7 | 28.2 | 44.1 | 132,228 |
| Economic Status | | | | | |
| Lowest | 9.2 | 12.2 | 35.6 | 43.0 | 50,291 |
| Lower middle | 13.4 | 12.8 | 22.8 | 51.0 | 59,016 |
| Middle | 16.0 | 12.4 | 16.1 | 55.5 | 65,697 |
| Upper middle | 18.4 | 10.6 | 10.9 | 60.0 | 71,513 |
| Highest | 21.6 | 7.4 | 5.9 | 65.1 | 69,104 |

Table 4.31 Proportion of Safe Non-Toilet Wastewater Management by Household by Province, 2023 SKI

| Province | Safe Non-Toilet Wastewater Management | | | | Weighted N |
|-------------------------|---------------------------------------|------------------|-------------|------------------|----------------|
| | Yes % | 95%CI | No % | 95%CI | |
| Aceh | 13.0 | 11.8-14.3 | 87.0 | 85.7-88.2 | 5,756 |
| North Sumatra | 13.5 | 11.8-15.3 | 86.5 | 84.7-88.2 | 15,886 |
| West Sumatra | 18.7 | 16-20.6 | 81.3 | 79.4-83.1 | 6,043 |
| Riau | 12.3 | 10.6-14.1 | 87.7 | 85.9-89.4 | 7,052 |
| Jambi | 28.1 | 25.9-30.3 | 71.9 | 69.7-74.1 | 4,051 |
| South Sumatra | 8.8 | 7.2-10.6 | 91.2 | 89.4-92.8 | 9,403 |
| Bengkulu | 12.2 | 10.3-14.2 | 87.8 | 85.8-89.7 | 2,323 |
| Lampung | 9.2 | 8.1-10.4 | 90.8 | 89.6-91.9 | 10,424 |
| Bangka Belitung Islands | 16.9 | 14.7-19.3 | 83.1 | 80.7-85.3 | 1,708 |
| Riau Islands | 6.0 | 4.8-7.6 | 94.0 | 92.4-95.2 | 2,514 |
| DKI Jakarta | 16.6 | 13.5-20.2 | 83.4 | 79.8-86.5 | 12,318 |
| West Java | 15.1 | 14.1-16.1 | 84.9 | 83.9-85.9 | 58,514 |
| Central Java | 14.5 | 13.6-15.4 | 85.5 | 84.6-86.4 | 44,459 |
| DI Yogyakarta | 56.1 | 52.8-59.3 | 43.9 | 40.7-47.2 | 4,957 |
| East Java | 19.9 | 18.8-21.0 | 80.1 | 79.0-81.2 | 50,591 |
| Banten | 13.6 | 11.4-16.2 | 86.4 | 83.8-88.6 | 13,333 |
| Bali | 30.4 | 27.4-33.5 | 69.6 | 66.5-72.6 | 5,149 |
| West Nusa Tenggara | 20.0 | 17.9-22.3 | 80.0 | 77.7-82.1 | 6,849 |
| East Nusa Tenggara | 5.5 | 4.8-6.3 | 94.5 | 93.7-95.2 | 5,335 |
| West Kalimantan | 6.4 | 5.2-7.9 | 93.6 | 92.1-94.8 | 5,784 |
| Central Kalimantan | 8.5 | 7.2-10.1 | 91.5 | 89.9-92.8 | 3,178 |
| South Kalimantan | 13.0 | 11.4-14.7 | 87.0 | 85.3-88.6 | 5,023 |
| East Kalimantan | 5.7 | 4.5-7.1 | 94.3 | 92.9-95.5 | 4,320 |
| North Kalimantan | 16.9 | 12.9-21.8 | 83.1 | 78.2-87.1 | 729 |
| North Sulawesi | 6.0 | 4.9-7.3 | 94.0 | 92.7-95.1 | 3,031 |
| Central Sulawesi | 9.0 | 7.8-10.4 | 91.0 | 89.6-92.2 | 3,216 |
| South Sulawesi | 9.6 | 8.2-11.1 | 90.4 | 88.9-91.8 | 9,484 |
| Southeast Sulawesi | 21.4 | 19.3-23.7 | 78.6 | 76.3-80.7 | 2,733 |
| Gorontalo | 15.5 | 12.9-18.4 | 84.5 | 81.6-87.1 | 1,260 |
| West Sulawesi | 7.6 | 6.1-9.5 | 92.4 | 90.5-93.9 | 1,468 |
| Maluku | 9.7 | 8.3-11.4 | 90.3 | 88.6-91.7 | 1,753 |
| North Maluku | 8.9 | 7.0-11.2 | 91.1 | 88.8-93.0 | 1,222 |
| West Papua | 10.6 | 6.0-18.1 | 89.4 | 81.9-94.0 | 563 |
| Southwest Papua | 4.7 | 3.2-6.9 | 95.3 | 93.1-96.8 | 599 |
| Papua | 5.1 | 4.0-6.6 | 94.9 | 93.4-96.0 | 1,030 |
| South Papua | 5.4 | 3.9-7.4 | 94.6 | 92.6-96.1 | 546 |
| Central Papua | 6.5 | 4.4-9.3 | 93.5 | 90.7-95.6 | 1,528 |
| Highland Papua | 7.5 | 5.7-9.8 | 92.5 | 90.2-94.3 | 1,516 |
| INDONESIA | 15.3 | 14.9-15.7 | 84.7 | 84.3-85.1 | 315,646 |

Table 4.32 Proportion of Safe Non-Toilet Wastewater Management by Household by Characteristic, 2023 SKI

| Characteristic | Safe Non-Toilet Wastewater Management | | | | Weighted N |
|--|---------------------------------------|-----------|---------|-----------|------------|
| | Yes % | 95% CI | No % | 95% CI | |
| Education | | | | | |
| Never attended school | 11.4 | 10.5-12.3 | 88.6 | 87.7-89.5 | 16,103 |
| Some primary school/Islamic primary school | 13.8 | 12.9-14.6 | 86.2 | 85.4-87.1 | 23,447 |
| Primary school/Islamic primary school graduate | 13.1 | 12.6-13.6 | 86.9 | 86.4-87.4 | 96,195 |
| Junior secondary school/Islamic junior secondary school graduate | 15.4 | 14.8-16.0 | 84.6 | 84.0-85.2 | 55,131 |
| Senior secondary school/Islamic senior secondary school graduate | 16.6 | 16.1-17.2 | 83.4 | 82.8-83.9 | 93,217 |
| D1/D2/D3/university graduate | 21.1 | 20.2-22.0 | 78.9 | 78.0-79.8 | 31,553 |
| Occupation | | | | | |
| Unemployed | 14.8 | 14.0-15.7 | 85.2 | 84.3-86.0 | 25,081 |
| Student | 19.4 | 15.2-24.6 | 80.6 | 75.4-84.8 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 21.6 | 20.5-22.8 | 78.4 | 77.2-79.5 | 15,279 |
| Private employee | 17.0 | 16.2-17.9 | 83.0 | 82.1-83.8 | 46,440 |
| Self-employed | 17.6 | 17.0-18.3 | 82.4 | 81.7-83.0 | 75,082 |
| Farmer/farm worker | 11.6 | 11.2-12.1 | 88.4 | 87.9-88.8 | 86,055 |
| Fisher | 9.7 | 8.4-11.2 | 90.3 | 88.8-91.6 | 5,141 |
| Labor/driver/domestic help | 15.0 | 14.2-15.7 | 85.0 | 84.3-85.8 | 44,892 |
| Others | 16.6 | 15.7-17.5 | 83.4 | 82.5-84.3 | 16,615 |
| Residence | | | | | |
| Urban | 17.6 | 17.1-18.2 | 82.4 | 81.8-82.9 | 183,418 |
| Rural | 12.1 | 11.6-12.6 | 87.9 | 87.4-88.4 | 132,228 |
| Economic Status | | | | | |
| Lowest | 8.4 | 7.9-8.9 | 91.6 | 91.1-92.1 | 50,291 |
| Lower middle | 12.6 | 12.0-13.1 | 87.4 | 86.9-88.0 | 59,016 |
| Middle | 15.1 | 14.5-15.6 | 84.9 | 84.4-85.5 | 65,697 |
| Upper middle | 17.5 | 16.8-18.1 | 82.5 | 81.9-83.2 | 71,513 |
| Highest | 20.7 | 20.0-21.5 | 79.3 | 78.5-80.0 | 69,104 |

4.4. WASTE MANAGEMENT

The storage of organic waste refers to the condition of the household waste storage/collection area for easily decomposable organic waste kept inside the house. This waste can attract insects and disease-carrying rodents and can pollute indoor air. Organic waste storage can be categorized as either closed or open containers. Households may have only closed containers, only open containers, no containers, or both types for wet (organic) waste storage. Questions regarding waste management aim to address the 4th pillar of Community-Based Total Sanitation (STBM), which is Household Waste Management (PSRT).

Categories of household waste management:

- a. Waste handling: collected by personnel, disposed at temporary landfills (TPS)
- b. Waste reduction: recycled, composted, deposited at waste banks
- c. Poorly managed waste: disposed in rivers/gutters, burned, buried, disposed of improperly

Table 4.33. Proportion of Types of Households' Wet (Organic) Waste Collection/Storage Containers by Province, 2023 SKI

| Province | Closed Waste Containers Only | Open Waste Containers Only | No Waste Containers | Both Open and Closed Waste Containers | Weighted N |
|-------------------------|------------------------------------|-------------------------------|------------------------|---|----------------|
| | % | % | % | % | |
| Aceh | 9.0 | 69.5 | 12.8 | 8.7 | 5,756 |
| North Sumatra | 12.7 | 70.2 | 10.5 | 6.6 | 15,886 |
| West Sumatra | 10.4 | 72.6 | 8.6 | 8.4 | 6,043 |
| Riau | 9.8 | 67.4 | 10.6 | 12.2 | 7,052 |
| Jambi | 14.8 | 51.2 | 14.0 | 20.0 | 4,051 |
| South Sumatra | 16.6 | 68.0 | 7.0 | 8.4 | 9,403 |
| Bengkulu | 7.8 | 71.2 | 11.5 | 9.5 | 2,323 |
| Lampung | 12.1 | 67.5 | 9.8 | 10.6 | 10,424 |
| Bangka Belitung Islands | 19.4 | 63.7 | 5.5 | 11.4 | 1,708 |
| Riau Islands | 12.8 | 74.8 | 7.8 | 4.6 | 2,514 |
| DKI Jakarta | 21.4 | 59.4 | 2.8 | 16.4 | 12,318 |
| West Java | 14.4 | 69.3 | 7.6 | 8.7 | 58,514 |
| Central Java | 10.5 | 74.5 | 5.3 | 9.7 | 44,459 |
| DI Yogyakarta | 19.2 | 72.4 | 2.4 | 6.0 | 4,957 |
| East Java | 15.6 | 68.2 | 5.8 | 10.4 | 50,591 |
| Banten | 18.3 | 69.1 | 4.9 | 7.7 | 13,333 |
| Bali | 16.9 | 68.0 | 3.1 | 12.0 | 5,149 |
| West Nusa Tenggara | 9.6 | 73.4 | 10.7 | 6.3 | 6,849 |
| East Nusa Tenggara | 5.3 | 64.5 | 25.5 | 4.7 | 5,335 |
| West Kalimantan | 11.5 | 66.1 | 12.0 | 10.4 | 5,784 |
| Central Kalimantan | 13.2 | 56.3 | 13.6 | 16.9 | 3,178 |
| South Kalimantan | 13.4 | 66.7 | 9.8 | 10.1 | 5,023 |
| East Kalimantan | 15.1 | 65.2 | 9.4 | 10.3 | 4,320 |
| North Kalimantan | 17.1 | 71.5 | 4.4 | 7.0 | 729 |
| North Sulawesi | 8.5 | 72.1 | 6.2 | 13.2 | 3,031 |
| Central Sulawesi | 7.1 | 70.4 | 15.4 | 7.1 | 3,216 |
| South Sulawesi | 13.4 | 68.0 | 9.9 | 8.8 | 9,484 |
| Southeast Sulawesi | 13.2 | 68.3 | 10.5 | 8.0 | 2,733 |
| Gorontalo | 7.2 | 71.1 | 11.6 | 10.2 | 1,260 |
| West Sulawesi | 7.5 | 73.7 | 14.1 | 4.7 | 1,468 |
| Maluku | 21.8 | 60.6 | 9.3 | 8.3 | 1,753 |
| North Maluku | 13.4 | 57.2 | 18.2 | 11.2 | 1,222 |
| West Papua | 10.0 | 62.8 | 12.7 | 14.5 | 563 |
| Southwest Papua | 7.5 | 70.9 | 9.4 | 12.2 | 599 |
| Papua | 18.8 | 58.8 | 10.1 | 12.3 | 1,030 |
| South Papua | 8.3 | 58.4 | 25.8 | 7.5 | 546 |
| Central Papua | 14.0 | 32.8 | 40.5 | 12.8 | 1,528 |
| Highland Papua | 18.7 | 47.9 | 28.7 | 4.7 | 1,516 |
| INDONESIA | 13.7 | 68.6 | 8.1 | 9.6 | 315,646 |

Table 4.34 Proportion of Types of Households' Wet (Organic) Waste Collection/Storage Containers by Characteristic, 2023 SKI

| Characteristic | Closed Waste Containers Only | Open Waste Containers Only | No Waste Containers | Both Open and Closed Waste Containers | Weighted N |
|--|------------------------------|----------------------------|---------------------|---------------------------------------|------------|
| | % | % | % | % | |
| Education | | | | | |
| Never attended school | 7.9 | 72.7 | 13.9 | 5.5 | 16,103 |
| Some primary school/Islamic primary school | 9.2 | 72.5 | 10.9 | 7.4 | 23,447 |
| Primary school/Islamic primary school graduate | 9.0 | 75.0 | 9.1 | 6.9 | 96,195 |
| Junior secondary school/Islamic junior secondary school graduate | 12.1 | 70.9 | 8.2 | 8.8 | 55,131 |
| Senior secondary school/Islamic senior secondary school graduate | 17.5 | 64.4 | 6.6 | 11.4 | 93,217 |
| D1/D2/D3/university graduate | 25.6 | 51.8 | 4.8 | 17.8 | 31,553 |
| Occupation | | | | | |
| Unemployed | 14.0 | 67.1 | 9.3 | 9.6 | 25,081 |
| Student | 18.1 | 65.2 | 8.3 | 8.4 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 25.3 | 51.1 | 5.6 | 18.1 | 15,279 |
| Private employee | 20.7 | 60.5 | 5.4 | 13.4 | 46,440 |
| Self-employed | 14.6 | 68.1 | 6.8 | 10.5 | 75,082 |
| Farmer/farm worker | 8.2 | 74.2 | 11.0 | 6.5 | 86,055 |
| Fisher | 7.8 | 72.8 | 13.7 | 5.6 | 5,141 |
| Labor/driver/domestic help | 11.0 | 74.3 | 7.4 | 7.3 | 44,892 |
| Others | 15.6 | 65.7 | 7.7 | 11.0 | 16,615 |
| Residence | | | | | |
| Urban | 17.4 | 64.9 | 6.2 | 11.4 | 183,418 |
| Rural | 8.5 | 73.6 | 10.8 | 7.1 | 132,228 |
| Economic Status | | | | | |
| Lowest | 6.1 | 74.6 | 15.0 | 4.3 | 50,291 |
| Lower middle | 8.2 | 76.4 | 9.1 | 6.3 | 59,016 |
| Middle | 10.9 | 73.9 | 7.5 | 7.8 | 65,697 |
| Upper middle | 14.9 | 68.2 | 6.4 | 10.6 | 71,513 |
| Highest | 25.3 | 52.8 | 4.8 | 17.1 | 69,104 |

Table 4.35 Proportion of Main Methods for Household Waste Management by Province, 2023 SKI

| Province | Collected by Personnel | Dispose d at MRF | Recycl ed | Compo sted | Deposit ed at Waste Banks | Dispose d in Rivers/ Gutters | Burned | Buried | Disposed of Improperly | Weighted N |
|-------------------------|------------------------------|------------------------|--------------|---------------|------------------------------------|---------------------------------------|-------------|------------|---------------------------|----------------|
| | % | % | % | % | % | % | % | % | % | |
| Aceh | 12.9 | 5.1 | 0.2 | 0.1 | 0.2 | 2.4 | 77.3 | 0.7 | 1.1 | 5,756 |
| North Sumatra | 23.0 | 7.0 | 0.1 | 0.3 | 0.2 | 2.0 | 63.8 | 0.9 | 2.9 | 15,884 |
| West Sumatra | 17.6 | 10.2 | 0.1 | 0.2 | 0.6 | 4.5 | 63.6 | 0.6 | 2.5 | 6,042 |
| Riau | 16.7 | 7.5 | 0.1 | 0.1 | 0.4 | 1.4 | 72.4 | 0.6 | 0.7 | 7,051 |
| Jambi | 8.7 | 20.0 | 0.1 | 0.2 | 0.2 | 4.7 | 64.2 | 0.3 | 1.7 | 4,051 |
| South Sumatra | 16.0 | 16.6 | 0.0 | 0.1 | 0.3 | 5.5 | 57.7 | 0.7 | 3.1 | 9,402 |
| Bengkulu | 17.3 | 8.1 | 0.1 | 0.1 | 0.4 | 5.2 | 63.4 | 0.9 | 4.6 | 2,323 |
| Lampung | 12.2 | 3.9 | 0.0 | 0.2 | 0.2 | 0.9 | 81.1 | 0.5 | 1.0 | 10,424 |
| Bangka Belitung Islands | 38.2 | 7.4 | 0.2 | 0.1 | 0.2 | 1.1 | 48.0 | 0.4 | 4.4 | 1,707 |
| Riau Islands | 56.0 | 19.6 | 0.5 | 0.0 | 0.1 | 1.4 | 18.5 | 0.1 | 3.7 | 2,514 |
| DKI Jakarta | 81.0 | 17.2 | 0.0 | 0.0 | 0.1 | 0.2 | 1.2 | 0.1 | 0.2 | 12,317 |
| West Java | 36.4 | 8.4 | 0.0 | 0.2 | 0.3 | 2.7 | 50.7 | 0.3 | 1.1 | 58,510 |
| Central Java | 22.9 | 5.0 | 0.1 | 0.6 | 0.4 | 2.5 | 66.4 | 0.7 | 1.5 | 44,456 |
| DI Yogyakarta | 31.9 | 5.8 | 0.4 | 1.8 | 0.7 | 0.2 | 57.2 | 1.6 | 0.3 | 4,957 |
| East Java | 24.0 | 4.4 | 0.1 | 0.4 | 0.2 | 2.3 | 65.8 | 1.2 | 1.7 | 50,588 |
| Banten | 39.1 | 9.7 | 0.1 | 0.1 | 0.4 | 2.2 | 43.0 | 0.7 | 4.7 | 13,332 |
| Bali | 53.2 | 9.0 | 0.1 | 1.0 | 1.3 | 0.3 | 33.9 | 1.0 | 0.4 | 5,149 |
| West Nusa Tenggara | 26.6 | 6.4 | 0.3 | 0.1 | 0.5 | 11.8 | 49.9 | 1.5 | 3.0 | 6,849 |
| East Nusa Tenggara | 4.9 | 5.7 | 0.2 | 0.4 | 0.2 | 1.3 | 83.6 | 0.6 | 3.0 | 5,333 |
| West Kalimantan | 6.7 | 16.0 | 0.2 | 0.1 | 0.7 | 2.0 | 72.6 | 0.2 | 1.6 | 5,783 |
| Central Kalimantan | 13.2 | 17.0 | 0.1 | 0.1 | 0.5 | 6.2 | 56.7 | 0.7 | 5.5 | 3,178 |
| South Kalimantan | 36.8 | 17.8 | 0.1 | 0.0 | 0.2 | 1.8 | 38.0 | 1.2 | 4.2 | 5,023 |
| East Kalimantan | 23.7 | 40.6 | 0.1 | 0.3 | 0.3 | 2.1 | 30.4 | 0.5 | 2.0 | 4,319 |
| North Kalimantan | 39.5 | 19.4 | 0.1 | 0.1 | 0.1 | 6.1 | 29.7 | 0.8 | 4.2 | 729 |
| North Sulawesi | 37.0 | 7.9 | 0.1 | 0.1 | 0.2 | 2.6 | 49.2 | 0.4 | 2.5 | 3,031 |
| Central Sulawesi | 15.8 | 4.6 | 0.1 | 0.2 | 0.2 | 2.8 | 69.1 | 0.4 | 6.8 | 3,215 |
| South Sulawesi | 26.9 | 5.0 | 0.1 | 0.1 | 0.3 | 3.1 | 58.7 | 1.0 | 4.9 | 9,483 |
| Southeast Sulawesi | 11.7 | 16.4 | 0.2 | 0.4 | 0.6 | 3.0 | 58.3 | 1.1 | 8.2 | 2,733 |
| Gorontalo | 14.8 | 4.1 | 0.0 | 0.0 | 0.1 | 2.0 | 77.1 | 0.0 | 1.8 | 1,260 |
| West Sulawesi | 7.9 | 4.6 | 0.2 | 0.1 | 0.3 | 8.0 | 68.3 | 0.8 | 9.9 | 1,467 |
| Maluku | 6.3 | 21.9 | 0.2 | 0.1 | 0.8 | 10.2 | 48.0 | 1.6 | 10.9 | 1,751 |
| North Maluku | 20.5 | 9.3 | 0.2 | 0.3 | 1.2 | 15.3 | 40.2 | 2.1 | 10.9 | 1,222 |
| West Papua | 12.6 | 15.9 | 0.1 | 0.5 | 1.1 | 3.1 | 61.6 | 0.8 | 4.3 | 563 |
| Southwest Papua | 3.2 | 35.0 | 0.4 | 0.3 | 0.9 | 7.2 | 48.5 | 1.8 | 2.7 | 599 |
| Papua | 17.5 | 29.4 | 0.2 | 0.1 | 1.0 | 3.0 | 44.9 | 0.7 | 3.2 | 1,029 |
| South Papua | 12.7 | 4.4 | 0.2 | 0.1 | 1.6 | 1.6 | 60.4 | 0.2 | 18.7 | 546 |
| Central Papua | 5.5 | 12.6 | 0.4 | 0.9 | 0.1 | 7.6 | 60.4 | 3.7 | 8.6 | 1,528 |
| Highland Papua | 3.4 | 8.3 | 0.1 | 0.0 | 0.1 | 5.5 | 67.3 | 4.3 | 11.0 | 1,516 |
| INDONESIA | 27.6 | 8.7 | 0.1 | 0.3 | 0.3 | 2.8 | 57.2 | 0.7 | 2.3 | 315,621 |

Table 4.36 Proportion of Main Methods for Household Waste Management by Characteristic, 2023 SKI

| Characteristic | Collected by Personnel | Disposed at TPS | Recycled | Composted | Deposited at Waste Banks | Disposed in Rivers/Gutters | Burned | Buried | Disposed of Improperly | Weighted N |
|--|------------------------|-----------------|----------|-----------|--------------------------|----------------------------|--------|--------|------------------------|------------|
| | % | % | % | % | % | % | % | % | % | |
| Education | | | | | | | | | | |
| Never attended school | 9.9 | 4.6 | 0.2 | 0.3 | 0.2 | 5.4 | 72.9 | 1.6 | 5.0 | 16,102 |
| Some primary school/Islamic primary school | 14.7 | 6.3 | 0.1 | 0.3 | 0.3 | 4.1 | 69.6 | 1.2 | 3.5 | 23,445 |
| Primary school/Islamic primary school graduate | 14.7 | 6.3 | 0.1 | 0.3 | 0.2 | 3.7 | 70.8 | 0.8 | 3.1 | 96,187 |
| Junior secondary school/Islamic junior secondary school graduate | 23.3 | 8.4 | 0.1 | 0.3 | 0.3 | 2.7 | 62.1 | 0.7 | 2.0 | 55,127 |
| Senior secondary school/Islamic senior secondary school graduate | 40.7 | 11.8 | 0.1 | 0.2 | 0.4 | 1.7 | 43.3 | 0.5 | 1.3 | 93,210 |
| D1/D2/D3/university graduate | 47.6 | 11.6 | 0.1 | 0.4 | 0.6 | 1.4 | 37.2 | 0.4 | 0.8 | 31,550 |
| Occupation | | | | | | | | | | |
| Unemployed | 32.9 | 9.0 | 0.1 | 0.2 | 0.3 | 2.9 | 51.2 | 1.0 | 2.3 | 25,079 |
| Student | 37.1 | 9.1 | | 0.2 | 0.2 | 3.2 | 47.5 | 0.4 | 2.2 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 46.2 | 12.7 | 0.1 | 0.3 | 0.6 | 1.1 | 37.5 | 0.6 | 0.9 | 15,277 |
| Private employee | 52.5 | 11.9 | 0.1 | 0.2 | 0.4 | 1.0 | 32.8 | 0.4 | 0.8 | 46,437 |
| Self-employed | 31.0 | 9.8 | 0.1 | 0.2 | 0.3 | 2.3 | 54.1 | 0.6 | 1.6 | 75,076 |
| Farmer/farm worker | 6.3 | 3.9 | 0.1 | 0.5 | 0.2 | 4.2 | 80.2 | 1.1 | 3.6 | 86,047 |
| Fisher | 15.5 | 9.5 | 0.1 | 0.2 | 0.6 | 8.1 | 53.5 | 1.0 | 11.5 | 5,141 |
| Labor/driver/domestic help | 26.5 | 10.4 | 0.1 | 0.3 | 0.3 | 2.6 | 57.4 | 0.5 | 1.9 | 44,889 |
| Others | 34.0 | 10.8 | 0.1 | 0.3 | 0.5 | 2.5 | 48.7 | 0.8 | 2.4 | 16,613 |
| Residence | | | | | | | | | | |
| Urban | 43.3 | 12.1 | 0.1 | 0.2 | 0.4 | 1.9 | 40.2 | 0.4 | 1.2 | 183,405 |
| Rural | 5.7 | 3.9 | 0.1 | 0.4 | 0.2 | 3.9 | 80.8 | 1.2 | 3.7 | 132,217 |
| Economic Status | | | | | | | | | | |
| Lowest | 6.2 | 3.9 | 0.1 | 0.4 | 0.2 | 5.1 | 77.2 | 1.5 | 5.4 | 50,291 |
| Lower middle | 13.4 | 6.5 | 0.1 | 0.3 | 0.3 | 4.1 | 71.5 | 0.9 | 2.9 | 59,016 |
| Middle | 21.1 | 8.5 | 0.1 | 0.3 | 0.3 | 2.8 | 64.1 | 0.6 | 2.2 | 65,697 |
| Upper middle | 32.8 | 10.9 | 0.1 | 0.3 | 0.4 | 1.9 | 51.8 | 0.6 | 1.3 | 71,513 |
| Highest | 56.0 | 12.0 | 0.1 | 0.2 | 0.4 | 0.8 | 29.6 | 0.3 | 0.6 | 69,104 |

Table 4.37 Proportion of Categories of Household Waste Management by Province, 2023 SKI

| Province | Good ¹ | | Poor ² | | Weighted N |
|-------------------------|-------------------|--------------------|-------------------|--------------------|----------------|
| | % | 95% CI | % | 95% CI | |
| Aceh | 19.2 | 18.0 - 20.5 | 80.8 | 79.5 - 82.0 | 5,756 |
| North Sumatra | 31.4 | 29.6 - 33.3 | 68.6 | 66.7 - 70.4 | 15,884 |
| West Sumatra | 29.4 | 27.0 - 31.9 | 70.6 | 68.1 - 73.0 | 6,042 |
| Riau | 25.5 | 23.6 - 27.6 | 74.5 | 72.4 - 76.4 | 7,051 |
| Jambi | 29.4 | 27.4 - 31.4 | 70.6 | 68.6 - 72.6 | 4,051 |
| South Sumatra | 33.7 | 32.0 - 35.5 | 66.3 | 64.5 - 68.0 | 9,402 |
| Bengkulu | 26.9 | 24.7 - 29.2 | 73.1 | 70.8 - 75.3 | 2,323 |
| Lampung | 17.0 | 15.7 - 18.3 | 83.0 | 81.7 - 84.3 | 10,424 |
| Bangka Belitung Islands | 46.5 | 43.4 - 49.6 | 53.5 | 50.4 - 56.6 | 1,707 |
| Riau Islands | 76.4 | 72.9 - 79.5 | 23.6 | 20.5 - 27.1 | 2,514 |
| DKI Jakarta | 98.4 | 97.4 - 99.0 | 1.6 | 1.0 - 2.6 | 12,317 |
| West Java | 45.6 | 43.9 - 47.3 | 54.4 | 52.7 - 56.1 | 58,510 |
| Central Java | 29.6 | 28.4 - 30.9 | 70.4 | 69.1 - 71.6 | 44,456 |
| DI Yogyakarta | 42.3 | 39.1 - 45.6 | 57.7 | 54.4 - 60.9 | 4,957 |
| East Java | 30.2 | 29.0 - 31.5 | 69.8 | 68.5 - 71.0 | 50,588 |
| Banten | 50.1 | 46.6 - 53.5 | 49.9 | 46.5 - 53.4 | 13,332 |
| Bali | 65.4 | 62.2 - 68.5 | 34.6 | 31.5 - 37.8 | 5,149 |
| West Nusa Tenggara | 35.3 | 32.4 - 38.2 | 64.7 | 61.8 - 67.6 | 6,849 |
| East Nusa Tenggara | 12.1 | 11.0 - 13.3 | 87.9 | 86.7 - 89.0 | 5,333 |
| West Kalimantan | 23.9 | 22.0 - 25.9 | 76.1 | 74.1 - 78.0 | 5,783 |
| Central Kalimantan | 31.6 | 28.6 - 34.6 | 68.4 | 65.4 - 71.4 | 3,178 |
| South Kalimantan | 56.0 | 53.5 - 58.5 | 44.0 | 41.5 - 46.5 | 5,023 |
| East Kalimantan | 65.5 | 62.5 - 68.5 | 34.5 | 31.5 - 37.5 | 4,319 |
| North Kalimantan | 60.0 | 55.4 - 64.4 | 40.0 | 35.6 - 44.6 | 729 |
| North Sulawesi | 45.7 | 41.6 - 49.8 | 54.3 | 50.2 - 58.4 | 3,031 |
| Central Sulawesi | 21.3 | 19.3 - 23.5 | 78.7 | 76.5 - 80.7 | 3,215 |
| South Sulawesi | 33.4 | 31.4 - 35.4 | 66.6 | 64.6 - 68.6 | 9,483 |
| Southeast Sulawesi | 30.4 | 26.7 - 34.4 | 69.6 | 65.6 - 73.3 | 2,733 |
| Gorontalo | 19.1 | 16.3 - 22.3 | 80.9 | 77.7 - 83.7 | 1,260 |
| West Sulawesi | 13.8 | 11.8 - 16.2 | 86.2 | 83.8 - 88.2 | 1,467 |
| Maluku | 30.9 | 28.3 - 33.7 | 69.1 | 66.3 - 71.7 | 1,751 |
| North Maluku | 33.6 | 31.0 - 36.2 | 66.4 | 63.8 - 69.0 | 1,222 |
| West Papua | 30.9 | 27.0 - 35.1 | 69.1 | 64.9 - 73.0 | 563 |
| Southwest Papua | 41.6 | 37.3 - 46.0 | 58.4 | 54.0 - 62.7 | 599 |
| Papua | 48.9 | 44.9 - 52.9 | 51.1 | 47.1 - 55.1 | 1,029 |
| South Papua | 19.2 | 15.2 - 24.0 | 80.8 | 76.0 - 84.8 | 546 |
| Central Papua | 23.3 | 19.1 - 28.2 | 76.7 | 71.8 - 80.9 | 1,528 |
| Highland Papua | 16.2 | 12.9 - 20.0 | 83.8 | 80.0 - 87.1 | 1,516 |
| INDONESIA | 37.8 | 37.2 - 38.3 | 62.2 | 61.7 - 62.8 | 315,621 |

Notes:

¹Good: If the waste is collected by personnel or household members, buried or composted, or deposited at waste banks;

²Poor: If the waste is burned, disposed in rivers/gutters/oceans or disposed of improperly.

Table 4.38 Proportion of Categories of Household Waste Management by Characteristic, 2023 SKI

| Characteristic | Good | | Poor | | Weighted N |
|--|------|-------------|------|-------------|------------|
| | % | 95% CI | % | 95% CI | |
| Education | | | | | |
| Never attended school | 16.7 | 15.7 - 17.8 | 83.3 | 82.2 - 84.3 | 16,102 |
| Some primary school/Islamic primary school | 22.8 | 21.8 - 23.9 | 77.2 | 76.1 - 78.2 | 23,445 |
| Primary school/Islamic primary school graduate | 22.4 | 21.7 - 23.0 | 77.6 | 77.0 - 78.3 | 96,187 |
| Junior secondary school/Islamic junior secondary school graduate | 33.2 | 32.4 - 34.0 | 66.8 | 66.0 - 67.6 | 55,127 |
| Senior secondary school/Islamic senior secondary school graduate | 53.8 | 53.0 - 54.5 | 46.2 | 45.5 - 47.0 | 93,210 |
| D1/D2/D3/university graduate | 60.6 | 66.2 - 68.0 | 39.4 | 32.0 - 33.8 | 31,550 |
| Occupation | | | | | |
| Unemployed | 43.5 | 42.3 - 44.8 | 56.5 | 55.2 - 57.7 | 25,079 |
| Student | 47.1 | 40.2 - 54.1 | 52.9 | 45.9 - 59.8 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 60.5 | 59.2 - 61.8 | 39.5 | 38.2 - 40.8 | 15,277 |
| Private employee | 65.4 | 64.3 - 66.5 | 34.6 | 33.5 - 35.7 | 46,437 |
| Self-employed | 42.1 | 41.2 - 42.9 | 57.9 | 57.1 - 58.8 | 75,076 |
| Farmer/farm worker | 12.1 | 11.6 - 12.5 | 87.9 | 87.5 - 88.4 | 86,047 |
| Fisher | 26.9 | 22.9 - 31.2 | 73.1 | 68.8 - 77.1 | 5,141 |
| Labor/driver/domestic help | 38.0 | 36.9 - 39.2 | 62.0 | 60.8 - 63.1 | 44,889 |
| Others | 46.4 | 45.0 - 47.8 | 53.6 | 52.2 - 55.0 | 16,613 |
| Residence | | | | | |
| Urban | 56.6 | 55.9 - 57.4 | 43.4 | 42.6 - 44.1 | 183,405 |
| Rural | 11.6 | 11.1 - 12.1 | 88.4 | 87.9 - 88.9 | 132,217 |
| Economic Status | | | | | |
| Lowest | 12.3 | 11.8 - 12.8 | 87.7 | 87.2 - 88.2 | 50,291 |
| Lower middle | 21.5 | 20.8 - 22.2 | 78.5 | 77.8 - 79.2 | 59,016 |
| Middle | 31.0 | 30.2 - 31.7 | 69.0 | 68.3 - 69.8 | 65,697 |
| Upper middle | 45.0 | 44.1 - 45.9 | 55.0 | 54.1 - 55.9 | 71,513 |
| Highest | 69.1 | 68.3 - 69.9 | 30.9 | 30.1 - 31.7 | 69,104 |

4.5. BASIC HYGIENE

Handwashing with soap has been agreed upon as a primary hygiene priority for improving health, emphasizing the availability of handwashing facilities with soap and water. Questions regarding basic hygiene in this subsection address SDG indicator 6.2.1, which concerns the proportion of the population with access to safe sanitation services and handwashing facilities with soap and water by the end of 2030. This also addresses one of the indicators of the second pillar of Community-Based Total Sanitation (STBM) regarding handwashing with soap.

Definition

| | |
|------------------------|---|
| No access | No handwashing facilities available at home |
| Limited hygiene access | Handwashing facilities available but without water and soap at home |
| Basic hygiene access | Handwashing facilities with water and soap available at home |

Table 4.39 Proportion of the Availability of Household Handwashing Facilities by Province, 2023 SKI

| Province | Available, Inside the House | Available, Outside the House | No Handwashing Facility | Not Allowed to Observe | Weighted N |
|-------------------------|-----------------------------------|------------------------------------|-------------------------------|---------------------------|----------------|
| | % | % | % | | |
| Aceh | 56.9 | 6.8 | 35.1 | 1.2 | 5,756 |
| North Sumatra | 70.0 | 4.9 | 24.4 | 0.7 | 15,884 |
| West Sumatra | 68.7 | 5.8 | 24.8 | 0.8 | 6,042 |
| Riau | 69.1 | 8.4 | 22.1 | 0.4 | 7,051 |
| Jambi | 74.6 | 6.6 | 18.1 | 0.7 | 4,051 |
| South Sumatra | 72.3 | 8.5 | 18.9 | 0.2 | 9,402 |
| Bengkulu | 66.7 | 8.5 | 24.4 | 0.4 | 2,323 |
| Lampung | 76.6 | 11.7 | 11.6 | 0.1 | 10,424 |
| Bangka Belitung Islands | 82.5 | 6.2 | 10.9 | 0.4 | 1,707 |
| Riau Islands | 86.4 | 3.5 | 10.0 | 0.1 | 2,514 |
| DKI Jakarta | 85.6 | 5.1 | 9.2 | 0.2 | 12,317 |
| West Java | 82.7 | 5.5 | 11.7 | 0.1 | 58,510 |
| Central Java | 84.0 | 9.3 | 6.6 | 0.1 | 44,456 |
| DI Yogyakarta | 78.2 | 18.8 | 3.0 | 0.0 | 4,957 |
| East Java | 79.4 | 10.4 | 10.1 | 0.1 | 50,588 |
| Banten | 77.9 | 4.4 | 17.6 | 0.1 | 13,332 |
| Bali | 76.2 | 21.5 | 2.3 | 0.0 | 5,149 |
| West Nusa Tenggara | 55.9 | 22.0 | 22.0 | 0.1 | 6,849 |
| East Nusa Tenggara | 17.3 | 29.4 | 52.9 | 0.3 | 5,333 |
| West Kalimantan | 65.9 | 8.0 | 25.5 | 0.5 | 5,783 |
| Central Kalimantan | 71.2 | 6.2 | 21.8 | 0.8 | 3,178 |
| South Kalimantan | 86.2 | 7.1 | 6.5 | 0.3 | 5,023 |
| East Kalimantan | 87.4 | 6.0 | 6.1 | 0.5 | 4,319 |
| North Kalimantan | 84.4 | 3.6 | 12.0 | 0.0 | 729 |
| North Sulawesi | 79.4 | 10.4 | 10.0 | 0.3 | 3,031 |
| Central Sulawesi | 78.1 | 7.1 | 14.6 | 0.2 | 3,215 |
| South Sulawesi | 75.4 | 8.9 | 15.5 | 0.3 | 9,483 |
| Southeast Sulawesi | 67.4 | 6.8 | 25.2 | 0.6 | 2,733 |
| Gorontalo | 66.9 | 9.5 | 22.2 | 1.4 | 1,260 |
| West Sulawesi | 71.5 | 5.8 | 22.6 | 0.1 | 1,467 |
| Maluku | 53.2 | 28.6 | 17.8 | 0.4 | 1,751 |
| North Maluku | 60.1 | 28.4 | 11.2 | 0.3 | 1,222 |
| West Papua | 44.4 | 15.9 | 38.0 | 1.7 | 563 |
| Southwest Papua | 58.2 | 23.4 | 18.0 | 0.4 | 599 |
| Papua | 62.8 | 15.4 | 21.1 | 0.7 | 1,029 |
| South Papua | 47.0 | 20.1 | 31.6 | 1.3 | 546 |
| Central Papua | 30.1 | 29.0 | 37.9 | 3.0 | 1,528 |
| Highland Papua | 15.4 | 22.7 | 57.5 | 4.5 | 1,516 |
| INDONESIA | 76.1 | 9.2 | 14.5 | 0.3 | 315,621 |

Table 4.40 Proportion of the Availability of Household Handwashing Facilities by Characteristic, 2023 SKI

| Characteristic | Available, Inside the House | Available, Outside the House | No Handwashing Facility | Not Allowed to Observe | Weighted N |
|--|-----------------------------------|------------------------------------|-------------------------------|---------------------------|------------|
| | % | % | % | % | |
| Education | | | | | |
| Never attended school | 59.0 | 15.9 | 24.6 | 0.5 | 16,102 |
| Some primary school/Islamic primary school | 68.4 | 12.0 | 19.3 | 0.3 | 23,445 |
| Primary school/Islamic primary school graduate | 72.0 | 10.0 | 17.7 | 0.3 | 96,187 |
| Junior secondary school/Islamic junior secondary school graduate | 76.2 | 9.0 | 14.6 | 0.2 | 55,127 |
| Senior secondary school/Islamic senior secondary school graduate | 81.7 | 7.3 | 10.7 | 0.2 | 93,210 |
| D1/D2/D3/university graduate | 83.8 | 7.3 | 8.5 | 0.4 | 31,550 |
| Occupation | | | | | |
| Unemployed | 74.7 | 8.6 | 16.4 | 0.3 | 25,079 |
| Student | 71.8 | 14.1 | 13.6 | 0.4 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 85.1 | 7.0 | 7.6 | 0.3 | 15,277 |
| Private employee | 85.9 | 6.6 | 7.3 | 0.1 | 46,437 |
| Self-employed | 80.6 | 7.6 | 11.6 | 0.2 | 75,076 |
| Farmer/farm worker | 65.8 | 12.9 | 20.9 | 0.4 | 86,047 |
| Fisher | 66.0 | 10.2 | 23.3 | 0.4 | 5,141 |
| Labor/driver/domestic help | 76.2 | 8.5 | 15.2 | 0.2 | 44,889 |
| Others | 78.5 | 7.9 | 13.1 | 0.5 | 16,613 |
| Residence | | | | | |
| Urban | 82.3 | 6.9 | 10.7 | 0.2 | 183,405 |
| Rural | 67.6 | 12.3 | 19.8 | 0.4 | 132,217 |
| Economic Status | | | | | |
| Lowest | 52.9 | 17.6 | 28.9 | 0.6 | 50,291 |
| Lower middle | 69.5 | 11.1 | 19.2 | 0.3 | 59,016 |
| Middle | 77.3 | 8.3 | 14.2 | 0.2 | 65,697 |
| Upper middle | 83.5 | 6.4 | 9.9 | 0.2 | 71,513 |
| Highest | 89.8 | 5.2 | 4.9 | 0.1 | 69,104 |

Table 4.41 Proportion of Types of Handwashing Facilities Available in Households by Province, 2023 SKI

| Province | Sink/Tap | Bucket/Barrel/ Gallon with Tap/Spout | Bucket/Barrel/ Bathtub with Water Dipper | Others | Weighted N |
|-------------------------|-------------|--|--|------------|----------------|
| | % | % | % | | |
| Aceh | 32.2 | 6.9 | 60.1 | 0.8 | 3,479 |
| North Sumatra | 36.1 | 6.7 | 57.0 | 0.3 | 11,287 |
| West Sumatra | 52.9 | 8.6 | 38.2 | 0.3 | 4,269 |
| Riau | 47.1 | 6.3 | 46.4 | 0.2 | 5,185 |
| Jambi | 48.0 | 9.8 | 42.0 | 0.3 | 3,120 |
| South Sumatra | 37.9 | 9.1 | 52.8 | 0.2 | 7,212 |
| Bengkulu | 42.1 | 10.6 | 47.1 | 0.2 | 1,657 |
| Lampung | 68.6 | 7.4 | 23.7 | 0.2 | 8,737 |
| Bangka Belitung Islands | 61.4 | 7.7 | 30.8 | 0.1 | 1,437 |
| Riau Islands | 81.0 | 3.5 | 15.4 | 0.1 | 2,145 |
| DKI Jakarta | 82.9 | 6.5 | 10.5 | 0.1 | 10,594 |
| West Java | 71.1 | 5.6 | 23.0 | 0.3 | 48,970 |
| Central Java | 81.0 | 6.7 | 12.1 | 0.2 | 39,341 |
| DI Yogyakarta | 90.6 | 3.8 | 5.3 | 0.3 | 4,562 |
| East Java | 76.9 | 6.2 | 16.8 | 0.2 | 43,085 |
| Banten | 73.5 | 5.8 | 20.4 | 0.2 | 10,410 |
| Bali | 91.0 | 4.4 | 4.5 | 0.1 | 4,771 |
| West Nusa Tenggara | 71.4 | 14.9 | 13.4 | 0.3 | 5,063 |
| East Nusa Tenggara | 22.2 | 13.4 | 62.6 | 1.8 | 2,365 |
| West Kalimantan | 34.4 | 6.8 | 58.4 | 0.3 | 4,058 |
| Central Kalimantan | 57.1 | 12.8 | 29.8 | 0.3 | 2,334 |
| South Kalimantan | 72.4 | 6.3 | 21.0 | 0.4 | 4,445 |
| East Kalimantan | 81.2 | 5.2 | 13.5 | 0.1 | 3,826 |
| North Kalimantan | 72.2 | 10.4 | 17.3 | 0.1 | 609 |
| North Sulawesi | 54.5 | 15.6 | 28.7 | 1.2 | 2,581 |
| Central Sulawesi | 50.0 | 10.3 | 39.2 | 0.5 | 2,598 |
| South Sulawesi | 54.7 | 9.4 | 35.6 | 0.3 | 7,576 |
| Southeast Sulawesi | 41.6 | 9.6 | 48.4 | 0.3 | 1,923 |
| Gorontalo | 62.3 | 14.7 | 22.7 | 0.3 | 913 |
| West Sulawesi | 51.6 | 14.1 | 33.6 | 0.6 | 1,076 |
| Maluku | 33.1 | 21.1 | 42.1 | 3.7 | 1,359 |
| North Maluku | 31.8 | 23.2 | 43.5 | 1.5 | 1,026 |
| West Papua | 38.3 | 17.0 | 43.7 | 1.0 | 322 |
| Southwest Papua | 31.0 | 13.3 | 55.3 | 0.3 | 464 |
| Papua | 39.7 | 14.6 | 45.4 | 0.3 | 764 |
| South Papua | 31.7 | 9.9 | 57.8 | 0.5 | 348 |
| Central Papua | 31.7 | 16.8 | 43.9 | 7.6 | 857 |
| Highland Papua | 22.0 | 19.5 | 56.1 | 2.4 | 547 |
| INDONESIA | 67.5 | 7.2 | 24.9 | 0.3 | 255,312 |

Table 4.42 Proportion of Types of Handwashing Facilities Available in Households by Characteristic, 2023 SKI

| Characteristic | Sink/Tap | Bucket/Barrel/Gallon with Tap/Spout | Bucket/Barrel/Bath tub with Water Dipper | Others | Weighted N |
|--|----------|-------------------------------------|--|--------|------------|
| | % | % | % | % | |
| Education | | | | | |
| Never attended school | 49.7 | 11.2 | 38.6 | 0.5 | 11,444 |
| Some primary school/Islamic primary school | 54.8 | 9.7 | 35.0 | 0.4 | 17,886 |
| Primary school/Islamic primary school graduate | 58.4 | 8.7 | 32.5 | 0.4 | 74,849 |
| Junior secondary school/Islamic junior secondary school graduate | 66.9 | 7.4 | 25.4 | 0.3 | 44,551 |
| Senior secondary school/Islamic senior secondary school graduate | 75.2 | 6.0 | 18.6 | 0.2 | 78,752 |
| D1/D2/D3/university graduate | 83.0 | 4.5 | 12.4 | 0.2 | 27,830 |
| Occupation | | | | | |
| Unemployed | 65.3 | 7.4 | 27.0 | 0.3 | |
| Student | 66.8 | 8.6 | 24.1 | 0.5 | 19,815 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 84.8 | 3.8 | 11.1 | 0.2 | 866 |
| Private employee | 83.3 | 4.8 | 11.7 | 0.2 | 13,352 |
| Self-employed | 71.9 | 6.3 | 21.6 | 0.2 | 40,770 |
| Farmer/farm worker | 51.6 | 10.0 | 37.9 | 0.5 | 62,820 |
| Fisher | 42.7 | 9.9 | 46.8 | 0.5 | 64,300 |
| Labor/driver/domestic help | 66.5 | 7.7 | 25.5 | 0.3 | 3,719 |
| Others | 71.3 | 6.4 | 21.9 | 0.4 | 36,058 |
| Residence | | | | | |
| Urban | 76.0 | 5.9 | 17.9 | 0.2 | 155,192 |
| Rural | 54.4 | 9.3 | 35.8 | 0.5 | 100,120 |
| Economic Status | | | | | |
| Lowest | 38.4 | 12.7 | 48.0 | 0.9 | 33,627 |
| Lower middle | 53.0 | 9.9 | 36.7 | 0.4 | 45,094 |
| Middle | 63.8 | 7.7 | 28.2 | 0.3 | 53,364 |
| Upper middle | 75.3 | 6.1 | 18.4 | 0.2 | 60,984 |
| Highest | 89.4 | 3.0 | 7.5 | 0.1 | 62,243 |

Table 4.43 Proportion of Water Availability in Household Handwashing Facilities by Province, 2023 SKI

| Province | Running Water Available | No Running Water Available | No Water Available | Weighted N |
|-------------------------|-------------------------------|-------------------------------|-----------------------|----------------|
| | % | % | % | |
| Aceh | 60.6 | 36.1 | 3.3 | 3,479 |
| North Sumatra | 66.2 | 31.7 | 2.1 | 11,287 |
| West Sumatra | 72.4 | 26.0 | 1.7 | 4,269 |
| Riau | 62.7 | 34.8 | 2.5 | 5,185 |
| Jambi | 70.2 | 28.2 | 1.5 | 3,120 |
| South Sumatra | 51.7 | 46.4 | 1.8 | 7,212 |
| Bengkulu | 62.9 | 35.5 | 1.6 | 1,657 |
| Lampung | 78.9 | 19.6 | 1.5 | 8,737 |
| Bangka Belitung Islands | 82.3 | 16.1 | 1.6 | 1,437 |
| Riau Islands | 87.4 | 12.1 | 0.5 | 2,145 |
| DKI Jakarta | 93.9 | 5.8 | 0.4 | 10,594 |
| West Java | 90.1 | 8.7 | 1.2 | 48,970 |
| Central Java | 91.5 | 8.0 | 0.5 | 39,341 |
| DI Yogyakarta | 95.2 | 4.5 | 0.3 | 4,562 |
| East Java | 88.8 | 10.6 | 0.6 | 43,085 |
| Banten | 86.1 | 12.6 | 1.4 | 10,410 |
| Bali | 95.5 | 4.5 | 0.1 | 4,771 |
| West Nusa Tenggara | 86.2 | 12.9 | 0.8 | 5,063 |
| East Nusa Tenggara | 35.3 | 60.3 | 4.4 | 2,365 |
| West Kalimantan | 61.3 | 36.8 | 1.8 | 4,058 |
| Central Kalimantan | 75.0 | 23.5 | 1.5 | 2,334 |
| South Kalimantan | 84.0 | 15.1 | 0.9 | 4,445 |
| East Kalimantan | 88.9 | 10.0 | 1.0 | 3,826 |
| North Kalimantan | 87.2 | 12.2 | 0.6 | 609 |
| North Sulawesi | 70.8 | 27.9 | 1.3 | 2,581 |
| Central Sulawesi | 73.0 | 25.3 | 1.7 | 2,598 |
| South Sulawesi | 79.4 | 19.5 | 1.1 | 7,576 |
| Southeast Sulawesi | 59.3 | 38.7 | 2.1 | 1,923 |
| Gorontalo | 84.3 | 14.9 | 0.8 | 913 |
| West Sulawesi | 68.8 | 30.1 | 1.1 | 1,076 |
| Maluku | 44.8 | 52.4 | 2.8 | 1,359 |
| North Maluku | 50.6 | 46.8 | 2.5 | 1,026 |
| West Papua | 52.6 | 45.1 | 2.3 | 322 |
| Southwest Papua | 49.7 | 48.3 | 1.9 | 464 |
| Papua | 62.5 | 35.7 | 1.8 | 764 |
| South Papua | 37.6 | 58.3 | 4.1 | 348 |
| Central Papua | 51.6 | 44.3 | 4.1 | 857 |
| Highland Papua | 37.4 | 57.0 | 5.6 | 547 |
| INDONESIA | 82.8 | 16.1 | 1.1 | 255,312 |

Table 4.44 Proportion of Water Availability in Household Handwashing Facilities by Characteristic, 2023 SKI

| Characteristic | Running Water Available | No Running Water Available | No Water Available | Weighted N |
|--|-------------------------------|-------------------------------|-----------------------|------------|
| | % | % | % | |
| Education | | | | |
| Never attended school | 70.9 | 27.3 | 1.9 | 11,444 |
| Some primary school/Islamic primary school | 74.8 | 23.6 | 1.6 | 17,886 |
| Primary school/Islamic primary school graduate | 77.5 | 21.0 | 1.5 | 74,849 |
| Junior secondary school/Islamic junior secondary school graduate | 82.4 | 16.4 | 1.2 | 44,551 |
| Senior secondary school/Islamic senior secondary school graduate | 87.6 | 11.6 | 0.8 | 78,752 |
| D1/D2/D3/university graduate | 93.6 | 5.9 | 0.5 | 27,830 |
| Occupation | | | | |
| Unemployed | 82.3 | 16.5 | 1.3 | 19,815 |
| Student | 82.0 | 16.7 | 1.3 | 866 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 92.1 | 7.4 | 0.5 | 13,352 |
| Private employee | 92.8 | 6.6 | 0.6 | 40,770 |
| Self-employed | 86.3 | 12.8 | 0.9 | 62,820 |
| Farmer/farm worker | 71.0 | 27.3 | 1.7 | 64,300 |
| Fisher | 62.7 | 35.6 | 1.7 | 3,719 |
| Labor/driver/domestic help | 84.3 | 14.4 | 1.3 | 36,058 |
| Others | 85.2 | 14.0 | 0.8 | 13,612 |
| Residence | | | | |
| Urban | 89.3 | 9.9 | 0.8 | 155,192 |
| Rural | 72.6 | 25.7 | 1.7 | 100,120 |
| Economic Status | | | | |
| Lowest | 61.4 | 36.2 | 2.4 | 33,627 |
| Lower middle | 73.8 | 24.5 | 1.7 | 45,094 |
| Middle | 81.7 | 17.1 | 1.2 | 53,364 |
| Upper middle | 88.9 | 10.3 | 0.7 | 60,984 |
| Highest | 95.7 | 4.0 | 0.3 | 62,243 |

Table 4.45 Proportion of the Availability of Soap/Detergent/Antiseptic Liquid in Household Handwashing Facilities by Province, 2023 SKI

| Province | Availability of Soap/Detergent/Antiseptic Liquid in Handwashing Facilities | | Weighted N |
|-------------------------|--|------------|----------------|
| | Yes % | No % | |
| Aceh | 85.0 | 15.0 | 3,479 |
| North Sumatra | 89.9 | 10.1 | 11,287 |
| West Sumatra | 92.3 | 7.7 | 4,269 |
| Riau | 91.8 | 8.2 | 5,185 |
| Jambi | 93.2 | 6.8 | 3,120 |
| South Sumatra | 91.6 | 8.4 | 7,212 |
| Bengkulu | 93.0 | 7.0 | 1,657 |
| Lampung | 89.5 | 10.5 | 8,737 |
| Bangka Belitung Islands | 95.7 | 4.3 | 1,437 |
| Riau Islands | 96.3 | 3.7 | 2,145 |
| DKI Jakarta | 97.0 | 3.0 | 10,594 |
| West Java | 95.4 | 4.6 | 48,970 |
| Central Java | 93.6 | 6.4 | 39,341 |
| DI Yogyakarta | 92.3 | 7.7 | 4,562 |
| East Java | 93.9 | 6.1 | 43,085 |
| Banten | 93.9 | 6.1 | 10,410 |
| Bali | 94.3 | 5.7 | 4,771 |
| West Nusa Tenggara | 89.5 | 10.5 | 5,063 |
| East Nusa Tenggara | 86.5 | 13.5 | 2,365 |
| West Kalimantan | 94.1 | 5.9 | 4,058 |
| Central Kalimantan | 92.8 | 7.2 | 2,334 |
| South Kalimantan | 93.2 | 6.8 | 4,445 |
| East Kalimantan | 95.6 | 4.4 | 3,826 |
| North Kalimantan | 96.6 | 3.4 | 609 |
| North Sulawesi | 95.6 | 4.4 | 2,581 |
| Central Sulawesi | 91.8 | 8.2 | 2,598 |
| South Sulawesi | 92.7 | 7.3 | 7,576 |
| Southeast Sulawesi | 92.3 | 7.7 | 1,923 |
| Gorontalo | 96.2 | 3.8 | 913 |
| West Sulawesi | 91.5 | 8.5 | 1,076 |
| Maluku | 94.4 | 5.6 | 1,359 |
| North Maluku | 93.6 | 6.4 | 1,026 |
| West Papua | 89.1 | 10.9 | 322 |
| Southwest Papua | 90.6 | 9.4 | 464 |
| Papua | 93.1 | 6.9 | 764 |
| South Papua | 78.3 | 21.7 | 348 |
| Central Papua | 69.4 | 30.6 | 857 |
| Highland Papua | 62.6 | 37.4 | 547 |
| INDONESIA | 93.3 | 6.7 | 255,312 |

Table 4.46 Proportion of the Availability of Soap/Detergent/Antiseptic Liquid in Household Handwashing Facilities by Characteristic, 2023 SKI

| Characteristic | Availability of Soap/Detergent/Antiseptic Liquid in Handwashing Facilities | | Weighted N |
|--|--|---------|------------|
| | Yes % | No % | |
| Education | | | |
| Never attended school | 87.7 | 12.3 | 11,444 |
| Some primary school/Islamic primary school | 90.3 | 9.7 | 17,886 |
| Primary school/Islamic primary school graduate | 91.9 | 8.1 | 74,849 |
| Junior secondary school/Islamic junior secondary school graduate | 93.4 | 6.6 | 44,551 |
| Senior secondary school/Islamic senior secondary school graduate | 95.0 | 5.0 | 78,752 |
| D1/D2/D3/university graduate | 96.2 | 3.8 | 27,830 |
| Occupation | | | |
| Unemployed | 92.5 | 7.5 | 19,815 |
| Student | 91.5 | 8.5 | 866 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 96.4 | 3.6 | 13,352 |
| Private employee | 95.8 | 4.2 | 40,770 |
| Self-employed | 94.4 | 5.6 | 62,820 |
| Farmer/farm worker | 90.2 | 9.8 | 64,300 |
| Fisher | 91.7 | 8.3 | 3,719 |
| Labor/driver/domestic help | 93.2 | 6.8 | 36,058 |
| Others | 94.4 | 5.6 | 13,612 |
| Residence | | | |
| Urban | 94.9 | 5.1 | 155,192 |
| Rural | 90.8 | 9.2 | 100,120 |
| Economic Status | | | |
| Lowest | 87.0 | 13.0 | 33,627 |
| Lower middle | 91.5 | 8.5 | 45,094 |
| Middle | 93.1 | 6.9 | 53,364 |
| Upper middle | 94.6 | 5.4 | 60,984 |
| Highest | 96.8 | 3.2 | 62,243 |

Table 4.47 Proportion of Access to Household Basic Hygiene by Province, 2023 SKI

| Province | No Access | | Limited Access | | Basic Hygiene Access | | Weighted N |
|-------------------------|-------------|--------------------|----------------|------------------|----------------------|--------------------|----------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 36.3 | 34.3 - 38.4 | 10.7 | 9.8 - 11.7 | 53.0 | 51.0 - 55.0 | 5,756 |
| North Sumatra | 25.1 | 23.5 - 26.8 | 8.4 | 7.2 - 9.8 | 66.5 | 64.5 - 68.4 | 15,884 |
| West Sumatra | 25.5 | 23.5 - 27.7 | 6.7 | 5.6 - 7.9 | 67.8 | 65.5 - 70.0 | 6,042 |
| Riau | 22.5 | 20.6 - 24.5 | 7.4 | 6.5 - 8.3 | 70.1 | 68.1 - 72.1 | 7,051 |
| Jambi | 18.8 | 16.9 - 20.9 | 6.4 | 5.6 - 7.4 | 74.8 | 72.6 - 76.8 | 4,051 |
| South Sumatra | 19.1 | 17.5 - 20.9 | 7.7 | 6.8 - 8.8 | 73.1 | 71.2 - 75.0 | 9,402 |
| Bengkulu | 24.8 | 21.9 - 28.1 | 5.9 | 5.1 - 6.9 | 69.3 | 66.1 - 72.2 | 2,323 |
| Lampung | 11.7 | 10.3 - 13.2 | 9.9 | 8.9 - 11.0 | 78.5 | 76.7 - 80.1 | 10,424 |
| Bangka Belitung Islands | 11.3 | 9.6 - 13.2 | 4.8 | 4.0 - 5.7 | 84.0 | 81.9 - 85.8 | 1,707 |
| Riau Islands | 10.1 | 7.7 - 13.0 | 3.6 | 2.3 - 5.7 | 86.3 | 83.4 - 88.8 | 2,514 |
| DKI Jakarta | 9.3 | 7.6 - 11.5 | 3.0 | 2.3 - 3.9 | 87.6 | 85.5 - 89.5 | 12,317 |
| West Java | 11.8 | 10.9 - 12.7 | 4.8 | 4.3 - 5.3 | 83.4 | 82.4 - 84.4 | 58,510 |
| Central Java | 6.7 | 6.1 - 7.4 | 6.4 | 5.9 - 6.9 | 86.9 | 86.1 - 87.7 | 44,456 |
| DI Yogyakarta | 3.0 | 2.3 - 3.9 | 7.6 | 6.4 - 9.1 | 89.4 | 87.7 - 90.9 | 4,957 |
| East Java | 10.2 | 9.4 - 11.1 | 5.9 | 5.4 - 6.4 | 83.9 | 82.9 - 84.8 | 50,588 |
| Banten | 17.7 | 16.0 - 19.6 | 5.7 | 4.9 - 6.6 | 76.6 | 74.7 - 78.4 | 13,332 |
| Bali | 2.3 | 1.7 - 3.2 | 5.6 | 4.7 - 6.7 | 92.1 | 90.7 - 93.2 | 5,149 |
| West Nusa Tenggara | 22.1 | 19.8 - 24.5 | 8.6 | 7.3 - 10.0 | 69.4 | 66.7 - 71.9 | 6,849 |
| East Nusa Tenggara | 53.3 | 51.4 - 55.2 | 7.3 | 6.6 - 8.0 | 39.4 | 37.7 - 41.2 | 5,333 |
| West Kalimantan | 26.0 | 24.0 - 28.2 | 5.2 | 4.5 - 6.0 | 68.7 | 66.5 - 70.9 | 5,783 |
| Central Kalimantan | 22.6 | 19.9 - 25.5 | 6.2 | 5.3 - 7.3 | 71.2 | 68.3 - 74.0 | 3,178 |
| South Kalimantan | 6.7 | 5.9 - 7.7 | 6.8 | 5.9 - 7.9 | 86.4 | 85.0 - 87.8 | 5,023 |
| East Kalimantan | 6.6 | 5.3 - 8.2 | 4.9 | 4.0 - 5.9 | 88.5 | 86.7 - 90.1 | 4,319 |
| North Kalimantan | 12.0 | 9.6 - 14.9 | 3.5 | 2.7 - 4.6 | 84.5 | 81.3 - 87.2 | 729 |
| North Sulawesi | 10.2 | 8.2 - 12.7 | 4.7 | 3.9 - 5.6 | 85.1 | 82.0 - 87.7 | 3,031 |
| Central Sulawesi | 14.8 | 13.2 - 16.6 | 8.0 | 6.9 - 9.2 | 77.2 | 75.2 - 79.1 | 3,215 |
| South Sulawesi | 15.8 | 14.5 - 17.2 | 6.8 | 6.1 - 7.6 | 77.4 | 75.7 - 79.0 | 9,483 |
| Southeast Sulawesi | 25.8 | 23.5 - 28.3 | 6.7 | 5.7 - 7.8 | 67.5 | 64.8 - 70.1 | 2,733 |
| Gorontalo | 23.6 | 20.1 - 27.4 | 3.3 | 2.6 - 4.1 | 73.1 | 69.3 - 76.7 | 1,260 |
| West Sulawesi | 22.7 | 19.4 - 26.4 | 7.0 | 5.8 - 8.4 | 70.3 | 66.4 - 73.9 | 1,467 |
| Maluku | 18.2 | 15.6 - 21.2 | 6.2 | 5.4 - 7.1 | 75.6 | 72.6 - 78.4 | 1,751 |
| North Maluku | 11.5 | 9.3 - 14.2 | 7.1 | 6.0 - 8.3 | 81.4 | 78.5 - 83.9 | 1,222 |
| West Papua | 39.8 | 34.5 - 45.2 | 7.3 | 5.6 - 9.5 | 52.9 | 47.6 - 58.2 | 563 |
| Southwest Papua | 18.4 | 15.8 - 21.3 | 8.3 | 6.8 - 10.1 | 73.3 | 69.7 - 76.6 | 599 |
| Papua | 21.8 | 18.9 - 25.0 | 6.2 | 5.0 - 7.8 | 71.9 | 68.5 - 75.1 | 1,029 |
| South Papua | 32.9 | 28.0 - 38.2 | 16.1 | 13.6 - 19.0 | 51.0 | 46.3 - 55.6 | 546 |
| Central Papua | 40.9 | 35.5 - 46.4 | 18.6 | 15.2 - 22.5 | 40.5 | 35.5 - 45.8 | 1,528 |
| Highland Papua | 62.0 | 54.9 - 68.6 | 14.4 | 10.4 - 19.6 | 23.6 | 19.2 - 28.8 | 1,516 |
| INDONESIA | 14.7 | 14.4 - 15.1 | 6.3 | 6.1 - 6.5 | 78.9 | 78.6 - 79.3 | 315,621 |

Table 4.48 Proportion of Access to Household Basic Hygiene by Characteristic, 2023 SKI

| Characteristic | No Access | | Limited Access | | Basic Hygiene Access | | Weighted N |
|--|-----------|-------------|----------------|------------|----------------------|-------------|------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Education | | | | | | | |
| Never attended school | 25.1 | 23.8 - 26.5 | 10.0 | 9.3 - 10.9 | 64.9 | 63.4 - 66.3 | 16,102 |
| Some primary school/Islamic primary school | 19.6 | 18.7 - 20.5 | 8.5 | 7.9 - 9.2 | 71.9 | 70.9 - 72.9 | 23,445 |
| Primary school/Islamic primary school graduate | 18.0 | 17.4 - 18.5 | 7.5 | 7.1 - 7.8 | 74.6 | 73.9 - 75.2 | 96,187 |
| Junior secondary school/Islamic junior secondary school graduate | 14.8 | 14.3 - 15.4 | 6.2 | 5.9 - 6.6 | 78.9 | 78.3 - 79.5 | 55,127 |
| Senior secondary school/Islamic senior secondary school graduate | 10.9 | 10.6 - 11.3 | 4.8 | 4.6 - 5.1 | 84.2 | 83.8 - 84.7 | 93,210 |
| D1/D2/D3/university graduate | 7.0 | 6.6 - 7.5 | 3.9 | 3.5 - 4.2 | 89.1 | 88.6 - 89.7 | 31,550 |
| Occupation | | | | | | | |
| Unemployed | 16.7 | 15.9 - 17.6 | 6.9 | 6.3 - 7.5 | 76.4 | 75.4 - 77.4 | 25,079 |
| Student | 14.0 | 9.7 - 19.8 | 8.0 | 5.8 - 11.0 | 78.0 | 71.2 - 83.5 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 7.9 | 7.3 - 8.5 | 3.6 | 3.3 - 4.0 | 88.5 | 87.8 - 89.2 | 15,277 |
| Private employee | 7.5 | 7.0 - 8.0 | 4.3 | 3.9 - 4.6 | 88.3 | 87.6 - 88.9 | 46,437 |
| Self-employed | 11.8 | 11.3 - 12.3 | 5.4 | 5.1 - 5.7 | 82.8 | 82.3 - 83.4 | 75,076 |
| Farmer/farm worker | 21.2 | 20.7 - 21.8 | 8.6 | 8.2 - 8.9 | 70.2 | 69.6 - 70.8 | 86,047 |
| Fisher | 23.8 | 21.9 - 25.7 | 7.1 | 6.1 - 8.3 | 69.1 | 66.9 - 71.2 | 5,141 |
| Labor/driver/domestic help | 15.3 | 14.6 - 16.1 | 6.6 | 6.1 - 7.2 | 78.0 | 77.1 - 78.9 | 44,889 |
| Others | 13.6 | 12.8 - 14.6 | 5.3 | 4.8 - 5.8 | 81.1 | 80.0 - 82.1 | 16,613 |
| Residence | | | | | | | |
| Urban | 10.8 | 10.4 - 11.2 | 5.0 | 4.8 - 5.3 | 84.2 | 83.7 - 84.6 | 183,405 |
| Rural | 20.2 | 19.6 - 20.7 | 8.1 | 7.8 - 8.4 | 71.7 | 71.1 - 72.3 | 132,217 |
| Economic Status | | | | | | | |
| Lowest | 29.5 | 28.7 - 30.3 | 10.1 | 9.6 - 10.6 | 60.4 | 59.6 - 61.2 | 50,291 |
| Lower middle | 19.5 | 18.9 - 20.1 | 7.8 | 7.4 - 8.1 | 72.8 | 72.1 - 73.4 | 59,016 |
| Middle | 14.4 | 13.9 - 14.9 | 6.6 | 6.2 - 6.9 | 79.1 | 78.4 - 79.6 | 65,697 |
| Upper middle | 10.1 | 9.7 - 10.6 | 5.2 | 4.9 - 5.6 | 84.6 | 84.1 - 85.2 | 71,513 |
| Highest | 5.1 | 4.7 - 5.4 | 3.2 | 3.0 - 3.5 | 91.7 | 91.3 - 92.1 | 69,104 |

4.6. ADEQUATE HOUSING

An adequate house is one of the basic human needs. With an adequate house, the family living inside can stay comfortably. Moreover, adequate housing is closely related to the health of the family members living in it.

A household is considered to occupy adequate housing if it meets four criteria:

1. Minimum living space adequacy of 7.2 m² per capita
2. Access to safe drinking water
3. Access to adequate sanitation
4. Meeting the criteria for durable housing, which includes
 - a. A proper roof made of concrete, tiles, zinc, or wood/shingles
 - b. The largest portion of walls made of brick, plastered woven bamboo/wire, woven bamboo, or wooden planks; and
 - c. The largest portion of floors made of marble/granite, ceramic tiles, parquet/vinyl/carpet, floor tiles/terrazzo, wood/planks, or cement/red bricks.

Table 4.49. Proportion of Types of Main Roofing Materials Used for the Largest Roof Area in Households by Province, 2023 SKI

| Province | Concrete / Asphalt | Clay/Tile | Asbestos | Zinc | Bamboo | Wood Shingles | Straw/Leaves/Palm | Others | Proper Roof | Weighted N |
|-------------------------|--------------------|-------------|-------------|-------------|------------|---------------|-------------------|------------|-------------|----------------|
| | % | % | % | % | % | % | % | % | % | |
| Aceh | 3.6 | 1.3 | 2.2 | 90.5 | 0.2 | 1.1 | 1.1 | 0.1 | 96.4 | 5,756 |
| North Sumatra | 3.8 | 1.7 | 5.4 | 87.0 | 0.1 | 1.0 | 0.8 | 0.1 | 93.5 | 15,884 |
| West Sumatra | 2.4 | 1.2 | 1.3 | 94.0 | 0.0 | 0.4 | 0.6 | 0.1 | 98.0 | 6,042 |
| Riau | 3.0 | 1.9 | 1.9 | 91.3 | 0.1 | 1.0 | 0.7 | 0.1 | 97.3 | 7,051 |
| Jambi | 4.3 | 14.8 | 2.2 | 76.3 | 0.1 | 1.9 | 0.2 | 0.1 | 97.3 | 4,051 |
| South Sumatra | 3.0 | 48.3 | 6.8 | 39.4 | 0.1 | 1.2 | 0.6 | 0.5 | 91.9 | 9,402 |
| Bengkulu | 1.9 | 3.0 | 1.3 | 92.9 | 0.1 | 0.6 | 0.1 | 0.0 | 98.4 | 2,323 |
| Lampung | 2.6 | 83.4 | 7.7 | 4.3 | 0.2 | 0.6 | 0.9 | 0.4 | 90.8 | 10,424 |
| Bangka Belitung Islands | 4.0 | 8.5 | 59.6 | 26.4 | 0.1 | 0.2 | 0.2 | 1.0 | 39.0 | 1,707 |
| Riau Islands | 4.7 | 1.2 | 28.5 | 62.8 | 0.0 | 0.6 | 0.2 | 2.0 | 69.4 | 2,514 |
| DKI Jakarta | 5.9 | 29.9 | 57.5 | 4.7 | 0.0 | 0.3 | 0.0 | 1.6 | 40.9 | 12,317 |
| West Java | 6.7 | 73.5 | 15.9 | 1.8 | 0.4 | 0.6 | 0.1 | 1.0 | 82.6 | 58,510 |
| Central Java | 3.3 | 81.1 | 6.5 | 7.1 | 0.2 | 0.7 | 0.5 | 0.5 | 92.2 | 44,456 |
| DI Yogyakarta | 3.6 | 88.5 | 4.0 | 1.7 | 0.1 | 0.2 | 1.2 | 0.8 | 94.0 | 4,957 |
| East Java | 4.0 | 85.2 | 7.9 | 1.2 | 0.3 | 0.5 | 0.4 | 0.5 | 90.9 | 50,588 |
| Banten | 4.6 | 68.7 | 22.8 | 2.0 | 0.3 | 0.5 | 0.4 | 0.8 | 75.7 | 13,332 |
| Bali | 4.0 | 78.1 | 4.5 | 12.6 | 0.5 | 0.1 | 0.1 | 0.1 | 94.8 | 5,149 |
| West Nusa Tenggara | 4.6 | 44.3 | 11.6 | 35.6 | 0.1 | 0.5 | 0.5 | 2.7 | 85.1 | 6,849 |
| East Nusa Tenggara | 0.9 | 0.7 | 0.7 | 93.9 | 0.3 | 0.2 | 3.2 | 0.1 | 95.7 | 5,333 |
| West Kalimantan | 1.9 | 1.6 | 1.0 | 93.3 | 0.2 | 1.4 | 0.4 | 0.1 | 98.3 | 5,783 |
| Central Kalimantan | 3.2 | 4.4 | 5.3 | 77.1 | 0.2 | 9.4 | 0.3 | 0.2 | 94.0 | 3,178 |
| South Kalimantan | 2.5 | 4.1 | 8.1 | 77.5 | 0.2 | 5.6 | 0.9 | 1.1 | 89.7 | 5,023 |
| East Kalimantan | 2.7 | 5.6 | 5.0 | 83.5 | 0.2 | 2.6 | 0.0 | 0.4 | 94.4 | 4,319 |
| North Kalimantan | 2.6 | 1.0 | 0.6 | 93.0 | 0.1 | 2.6 | 0.0 | 0.1 | 99.2 | 729 |
| North Sulawesi | 6.3 | 0.8 | 1.6 | 89.6 | 0.2 | 0.9 | 0.4 | 0.1 | 97.6 | 3,031 |
| Central Sulawesi | 2.8 | 1.1 | 1.1 | 91.7 | 0.1 | 0.8 | 2.3 | 0.1 | 96.4 | 3,215 |
| South Sulawesi | 2.9 | 1.6 | 1.9 | 89.9 | 0.1 | 1.6 | 0.5 | 1.5 | 95.9 | 9,483 |
| Southeast Sulawesi | 2.9 | 2.3 | 3.9 | 88.8 | 0.1 | 0.8 | 0.8 | 0.4 | 94.8 | 2,733 |
| Gorontalo | 1.6 | 0.6 | 0.4 | 96.3 | 0.2 | 0.3 | 0.6 | 0.0 | 98.8 | 1,260 |
| West Sulawesi | 2.3 | 0.6 | 0.9 | 93.6 | 0.1 | 0.7 | 1.5 | 0.3 | 97.2 | 1,467 |
| Maluku | 3.3 | 0.9 | 2.7 | 90.3 | 0.1 | 0.6 | 2.0 | 0.1 | 95.1 | 1,751 |
| North Maluku | 8.5 | 0.9 | 1.1 | 87.5 | 0.2 | 0.5 | 1.1 | 0.1 | 97.4 | 1,222 |
| West Papua | 2.5 | 1.3 | 1.1 | 94.5 | 0.0 | 0.4 | 0.1 | 0.0 | 98.7 | 563 |
| Southwest Papua | 1.9 | 0.8 | 1.2 | 94.4 | 0.0 | 0.5 | 1.0 | 0.1 | 97.6 | 599 |
| Papua | 2.0 | 1.0 | 2.5 | 92.4 | 0.1 | 1.2 | 0.7 | 0.1 | 96.6 | 1,029 |
| South Papua | 1.1 | 0.4 | 1.1 | 85.8 | 0.3 | 3.6 | 7.6 | 0.1 | 90.8 | 546 |
| Central Papua | 1.2 | 1.2 | 0.4 | 76.5 | 2.0 | 8.9 | 9.3 | 0.5 | 87.9 | 1,528 |
| Highland Papua | 0.7 | 0.7 | 0.8 | 67.4 | 0.2 | 10.5 | 17.9 | 1.8 | 79.2 | 1,516 |
| INDONESIA | 4.1 | 51.4 | 10.6 | 31.4 | 0.2 | 1.0 | 0.7 | 0.7 | 87.8 | 315,621 |

Table 4.50 Proportion of Types of Main Roofing Materials Used for the Largest Roof Area in Households by Characteristic, SKI 2023

| Characteristic | Concrete/ Asphalt | Clay/Tile | Asbes tos | Zinc | Bamboo | Wood Shingl es | Straw/Leave s/Palm | Others | Proper Roof | Weighted N |
|--|----------------------|-----------|--------------|------|--------|----------------------|-----------------------|--------|----------------|------------|
| | % | % | % | % | % | % | % | % | % | |
| Education | | | | | | | | | | |
| Never attended school | 2.5 | 51.4 | 7.7 | 32.8 | 0.4 | 1.8 | 2.9 | 0.5 | 88.5 | 16,102 |
| Some primary school/Islamic primary school | 3.3 | 51.2 | 8.6 | 33.4 | 0.5 | 1.5 | 1.1 | 0.4 | 89.3 | 23,445 |
| Primary school/Islamic primary school graduate | 3.2 | 57.4 | 8.9 | 27.9 | 0.3 | 1.1 | 0.7 | 0.4 | 89.7 | 96,187 |
| Junior secondary school/Islamic junior secondary school graduate | 4.1 | 50.3 | 11.2 | 32.2 | 0.2 | 0.9 | 0.5 | 0.6 | 87.5 | 55,127 |
| Senior secondary school/Islamic senior secondary school graduate | 4.9 | 46.1 | 13.7 | 33.4 | 0.2 | 0.7 | 0.3 | 0.8 | 85.0 | 93,210 |
| D1/D2/D3/university graduate | 6.4 | 50.5 | 8.4 | 32.3 | 0.1 | 0.5 | 0.1 | 1.6 | 89.8 | 31,550 |
| Occupation | | | | | | | | | | |
| Unemployed | 3.8 | 50.7 | 11.8 | 30.6 | 0.3 | 1.2 | 1.0 | 0.7 | 86.3 | 25,079 |
| Student | 3.2 | 42.4 | 9.9 | 40.4 | 0.2 | 2.0 | 1.1 | 0.8 | 88.0 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 6.1 | 45.1 | 6.4 | 40.1 | 0.1 | 0.7 | 0.2 | 1.4 | 92.0 | 15,277 |
| Private employee | 5.8 | 54.2 | 17.7 | 20.3 | 0.1 | 0.6 | 0.2 | 1.1 | 80.9 | 46,437 |
| Self-employed | 4.9 | 52.5 | 10.5 | 30.1 | 0.2 | 0.8 | 0.4 | 0.7 | 88.3 | 75,076 |
| Farmer/farm worker | 2.5 | 48.5 | 5.3 | 40.5 | 0.3 | 1.3 | 1.3 | 0.3 | 92.8 | 86,047 |
| Fisher | 1.9 | 24.5 | 12.3 | 57.5 | 0.2 | 1.8 | 1.3 | 0.5 | 85.7 | 5,141 |
| Labor/driver/domestic help | 4.0 | 59.3 | 14.7 | 19.9 | 0.3 | 0.7 | 0.4 | 0.6 | 83.9 | 44,889 |
| Others | 4.1 | 47.4 | 9.5 | 36.7 | 0.2 | 0.9 | 0.4 | 0.8 | 89.1 | 16,613 |
| Residence | | | | | | | | | | |
| Urban | 5.1 | 53.7 | 14.3 | 24.9 | 0.2 | 0.7 | 0.3 | 0.9 | 84.4 | 183,405 |
| Rural | 2.8 | 48.1 | 5.5 | 40.4 | 0.3 | 1.3 | 1.2 | 0.4 | 92.6 | 132,217 |
| Economic Status | | | | | | | | | | |
| Lowest | 1.4 | 43.8 | 6.9 | 42.2 | 0.6 | 2.2 | 2.4 | 0.4 | 89.6 | 50,291 |
| Lower middle | 2.8 | 51.5 | 8.2 | 35.0 | 0.2 | 1.3 | 0.6 | 0.4 | 90.6 | 59,016 |
| Middle | 3.5 | 53.8 | 10.5 | 30.3 | 0.2 | 0.8 | 0.4 | 0.5 | 88.5 | 65,697 |
| Upper middle | 4.7 | 53.1 | 13.3 | 27.3 | 0.2 | 0.6 | 0.3 | 0.6 | 85.7 | 71,513 |
| Highest | 7.3 | 52.6 | 12.6 | 25.7 | 0.1 | 0.4 | 0.1 | 1.4 | 85.8 | 69,104 |

Table 4.51. Proportion of Types of Main Ceiling Materials Used for the Largest Ceiling Area in Households by Province, 2023 SKI

| Province | Concrete /GRC Board | Gypsum | Asbestos | Wood/Plywood/Bamboo | PVC | Others | None | Weighted N |
|-------------------------|---------------------|-------------|------------|---------------------|------------|------------|-------------|----------------|
| | % | % | % | % | % | % | % | |
| Aceh | 2.7 | 4.2 | 7.7 | 42.9 | 4.9 | 5.5 | 32.1 | 5,756 |
| North Sumatra | 2.7 | 8.8 | 38.5 | 19.7 | 1.1 | 1.1 | 28.2 | 15,884 |
| West Sumatra | 2.9 | 5.3 | 1.3 | 53.1 | 1.5 | 3.1 | 32.8 | 6,042 |
| Riau | 1.9 | 8.3 | 4.1 | 52.0 | 2.0 | 4.5 | 27.2 | 7,051 |
| Jambi | 5.3 | 14.7 | 2.8 | 34.4 | 2.0 | 7.2 | 33.7 | 4,051 |
| South Sumatra | 4.0 | 9.3 | 2.0 | 34.1 | 3.3 | 2.3 | 45.0 | 9,402 |
| Bengkulu | 2.8 | 3.4 | 0.5 | 48.6 | 1.7 | 0.6 | 42.3 | 2,323 |
| Lampung | 1.5 | 9.6 | 2.0 | 19.7 | 5.3 | 2.6 | 59.2 | 10,424 |
| Bangka Belitung Islands | 2.4 | 16.1 | 23.6 | 19.2 | 4.9 | 3.5 | 30.4 | 1,707 |
| Riau Islands | 5.3 | 38.2 | 4.2 | 31.5 | 0.5 | 1.2 | 19.1 | 2,514 |
| DKI Jakarta | 10.6 | 25.3 | 8.5 | 50.5 | 0.4 | 1.3 | 3.4 | 12,317 |
| West Java | 32.3 | 18.4 | 7.6 | 29.8 | 1.0 | 2.7 | 8.1 | 58,510 |
| Central Java | 6.5 | 18.0 | 4.4 | 13.1 | 2.7 | 2.8 | 52.5 | 44,456 |
| DI Yogyakarta | 10.2 | 19.5 | 4.5 | 16.9 | 1.3 | 2.3 | 45.1 | 4,957 |
| East Java | 6.7 | 17.7 | 22.8 | 12.2 | 1.9 | 1.8 | 36.9 | 50,588 |
| Banten | 15.1 | 23.3 | 6.8 | 35.0 | 1.6 | 1.6 | 16.6 | 13,332 |
| Bali | 11.4 | 17.8 | 7.5 | 47.8 | 1.2 | 1.1 | 13.1 | 5,149 |
| West Nusa Tenggara | 7.6 | 7.9 | 2.7 | 27.6 | 1.3 | 6.0 | 46.9 | 6,849 |
| East Nusa Tenggara | 0.8 | 4.1 | 0.3 | 17.4 | 0.6 | 0.7 | 76.2 | 5,333 |
| West Kalimantan | 11.8 | 9.4 | 3.6 | 42.2 | 1.0 | 2.5 | 29.7 | 5,783 |
| Central Kalimantan | 3.2 | 7.3 | 4.5 | 44.8 | 0.7 | 2.9 | 36.6 | 3,178 |
| South Kalimantan | 3.7 | 7.1 | 3.3 | 32.8 | 1.5 | 16.2 | 35.5 | 5,023 |
| East Kalimantan | 5.3 | 14.0 | 2.1 | 51.8 | 2.6 | 3.0 | 21.0 | 4,319 |
| North Kalimantan | 4.1 | 7.2 | 1.7 | 62.9 | 1.4 | 1.8 | 20.9 | 729 |
| North Sulawesi | 6.3 | 5.7 | 0.7 | 49.6 | 0.2 | 1.4 | 36.0 | 3,031 |
| Central Sulawesi | 3.2 | 6.7 | 0.3 | 27.5 | 1.1 | 5.4 | 55.8 | 3,215 |
| South Sulawesi | 4.2 | 8.8 | 3.3 | 25.3 | 1.0 | 12.3 | 45.0 | 9,483 |
| Southeast Sulawesi | 3.7 | 7.9 | 1.2 | 21.3 | 0.8 | 11.5 | 53.6 | 2,733 |
| Gorontalo | 4.0 | 8.7 | 0.3 | 50.6 | 0.4 | 1.4 | 34.6 | 1,260 |
| West Sulawesi | 2.2 | 3.1 | 1.6 | 21.9 | 1.0 | 15.8 | 54.5 | 1,467 |
| Maluku | 3.5 | 2.4 | 1.7 | 43.0 | 0.4 | 0.8 | 48.1 | 1,751 |
| North Maluku | 6.6 | 2.6 | 0.3 | 36.0 | 0.4 | 0.9 | 53.2 | 1,222 |
| West Papua | 1.8 | 2.4 | 1.0 | 64.8 | 0.6 | 0.2 | 29.2 | 563 |
| Southwest Papua | 1.3 | 1.5 | 0.3 | 68.6 | 0.2 | 0.4 | 27.8 | 599 |
| Papua | 1.8 | 1.8 | 5.0 | 69.4 | 0.7 | 1.0 | 20.3 | 1,029 |
| South Papua | 1.3 | 1.0 | 0.4 | 53.0 | 0.5 | 1.1 | 42.6 | 546 |
| Central Papua | 1.0 | 1.9 | 0.8 | 69.3 | 0.7 | 3.7 | 22.7 | 1,528 |
| Highland Papua | 0.8 | 0.3 | 0.1 | 75.9 | 0.4 | 1.7 | 20.9 | 1,516 |
| INDONESIA | 10.9 | 14.7 | 9.4 | 27.7 | 1.7 | 3.1 | 32.3 | 315,621 |

Table 4.52. Proportion of Types of Main Ceiling Materials Used for the Largest Ceiling Area in Households by Characteristic, 2023 SKI

| Characteristic | Concrete/ GRC Board | Gypsum | Asbesto s | Wood/ Plywood/ Bamboo | PVC | Others | None | Weighted N |
|--|------------------------|--------|--------------|-----------------------------|-----|--------|------|------------|
| | % | % | % | % | % | % | % | |
| Education | | | | | | | | |
| Never attended school | 5.6 | 6.9 | 8.7 | 25.1 | 0.8 | 3.4 | 49.6 | 16,102 |
| Some primary school/Islamic primary school | 6.8 | 8.7 | 8.6 | 26.3 | 1.1 | 3.8 | 44.7 | 23,445 |
| Primary school/Islamic primary school graduate | 10.6 | 9.8 | 8.7 | 25.6 | 1.1 | 3.7 | 40.7 | 96,187 |
| Junior secondary school/Islamic junior secondary school graduate | 10.5 | 12.8 | 9.7 | 26.2 | 1.4 | 3.2 | 36.1 | 55,127 |
| Senior secondary school/Islamic senior secondary school graduate | 12.1 | 18.4 | 10.5 | 31.3 | 2.4 | 2.6 | 22.8 | 93,210 |
| D1/D2/D3/university graduate | 14.7 | 30.8 | 9.1 | 28.9 | 3.5 | 2.3 | 10.6 | 31,550 |
| Occupation | | | | | | | | |
| Unemployed | 10.3 | 14.1 | 10.1 | 33.0 | 1.3 | 3.4 | 27.7 | 25,079 |
| Student | 9.9 | 15.5 | 10.7 | 31.8 | 1.7 | 4.3 | 26.0 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 13.9 | 28.4 | 10.4 | 30.3 | 4.4 | 2.0 | 10.6 | 15,277 |
| Private employee | 14.3 | 23.9 | 10.5 | 30.1 | 2.1 | 2.2 | 16.9 | 46,437 |
| Self-employed | 12.3 | 17.2 | 11.9 | 27.0 | 2.1 | 2.8 | 26.6 | 75,076 |
| Farmer/farm worker | 5.6 | 6.9 | 7.4 | 23.6 | 1.1 | 3.8 | 51.6 | 86,047 |
| Fisher | 3.7 | 5.8 | 9.5 | 25.1 | 1.2 | 6.1 | 48.6 | 5,141 |
| Labor/driver/domestic help | 15.4 | 11.8 | 7.8 | 29.6 | 1.1 | 2.9 | 31.5 | 44,889 |
| Others | 11.1 | 17.3 | 8.3 | 31.1 | 2.2 | 4.0 | 26.0 | 16,613 |
| Residence | | | | | | | | |
| Urban | 13.7 | 19.1 | 10.9 | 30.0 | 1.9 | 2.5 | 22.0 | 183,405 |
| Rural | 7.0 | 8.7 | 7.5 | 24.6 | 1.5 | 4.0 | 46.7 | 132,217 |
| Economic Status | | | | | | | | |
| Lowest | 1.1 | 1.1 | 2.0 | 22.5 | 0.2 | 3.2 | 69.9 | 50,291 |
| Lower middle | 4.5 | 4.9 | 6.9 | 27.1 | 0.6 | 4.3 | 51.7 | 59,016 |
| Middle | 9.3 | 9.3 | 10.8 | 30.5 | 1.2 | 4.0 | 34.9 | 65,697 |
| Upper middle | 14.9 | 18.3 | 14.4 | 31.8 | 2.2 | 2.7 | 15.6 | 71,513 |
| Highest | 20.9 | 34.4 | 10.6 | 25.3 | 3.8 | 1.6 | 3.4 | 69,104 |

Table 4.53 Proportion of Types of Main Flooring Materials for the Largest Floor Area in Households by Province, 2023 SKI

| Province | Marble/ Granite | Ceramic | Parquet/ Vinyl/ Carpet | Tiles/Terazzo | Wood /Board | Cement/ Red Brick | Bamboo | Soil | Others | Proper Flooring | Weighted N |
|-------------------------|--------------------|-------------|------------------------------|---------------|----------------|-------------------------|------------|------------|------------|--------------------|----------------|
| | % | % | % | % | % | % | % | % | % | % | |
| Aceh | 3.3 | 30.8 | 2.4 | 1.4 | 5.3 | 55.2 | 0.4 | 1.3 | 0.1 | 98.3 | 5,756 |
| North Sumatra | 1.8 | 46.9 | 1.1 | 2.3 | 4.8 | 42.3 | 0.3 | 0.4 | 0.1 | 99.2 | 15,884 |
| West Sumatra | 2.1 | 38.0 | 1.5 | 2.7 | 6.1 | 48.8 | 0.5 | 0.3 | 0.1 | 99.2 | 6,042 |
| Riau | 2.6 | 39.8 | 1.3 | 3.5 | 16.9 | 35.1 | 0.3 | 0.4 | 0.1 | 99.2 | 7,051 |
| Jambi | 2.4 | 40.1 | 1.6 | 2.0 | 15.2 | 37.9 | 0.3 | 0.5 | 0.0 | 99.3 | 4,051 |
| South Sumatra | 2.2 | 45.4 | 0.7 | 2.7 | 15.7 | 32.3 | 0.3 | 0.8 | 0.0 | 98.9 | 9,402 |
| Bengkulu | 2.5 | 52.0 | 0.3 | 3.1 | 3.6 | 37.9 | 0.3 | 0.3 | 0.0 | 99.4 | 2,323 |
| Lampung | 3.5 | 43.4 | 0.7 | 5.8 | 1.6 | 42.7 | 0.6 | 1.5 | 0.2 | 97.7 | 10,424 |
| Bangka Belitung Islands | 4.9 | 66.6 | 0.9 | 5.5 | 1.1 | 20.6 | 0.3 | 0.1 | 0.0 | 99.6 | 1,707 |
| Riau Islands | 2.7 | 68.9 | 1.1 | 1.2 | 10.2 | 15.6 | 0.1 | 0.2 | 0.0 | 99.7 | 2,514 |
| DKI Jakarta | 2.7 | 82.5 | 0.6 | 11.1 | 0.7 | 2.3 | 0.0 | 0.0 | 0.0 | 99.9 | 12,317 |
| West Java | 3.7 | 77.4 | 0.6 | 6.0 | 4.7 | 6.1 | 0.5 | 0.9 | 0.1 | 98.5 | 58,510 |
| Central Java | 2.8 | 61.7 | 0.6 | 9.9 | 0.7 | 16.8 | 0.5 | 6.9 | 0.1 | 92.5 | 44,456 |
| DI Yogyakarta | 2.8 | 67.4 | 0.4 | 11.0 | 0.1 | 16.8 | 0.3 | 1.0 | 0.1 | 98.5 | 4,957 |
| East Java | 2.9 | 68.6 | 0.7 | 6.9 | 0.2 | 15.5 | 0.5 | 4.5 | 0.3 | 94.8 | 50,588 |
| Banten | 3.8 | 84.6 | 0.7 | 3.4 | 1.4 | 3.9 | 1.2 | 0.9 | 0.0 | 97.9 | 13,332 |
| Bali | 4.0 | 82.1 | 0.3 | 1.5 | 0.2 | 11.6 | 0.1 | 0.2 | 0.0 | 99.6 | 5,149 |
| West Nusa Tenggara | 2.1 | 51.3 | 0.6 | 2.0 | 6.4 | 36.4 | 0.5 | 0.8 | 0.0 | 98.7 | 6,849 |
| East Nusa Tenggara | 1.4 | 25.5 | 0.6 | 3.0 | 3.4 | 52.7 | 3.8 | 9.4 | 0.3 | 86.5 | 5,333 |
| West Kalimantan | 1.4 | 45.5 | 0.6 | 4.5 | 28.9 | 18.8 | 0.2 | 0.0 | 0.1 | 99.7 | 5,783 |
| Central Kalimantan | 0.8 | 30.3 | 1.2 | 1.9 | 54.8 | 10.3 | 0.4 | 0.2 | 0.0 | 99.4 | 3,178 |
| South Kalimantan | 1.0 | 28.3 | 0.7 | 1.8 | 58.9 | 8.7 | 0.3 | 0.2 | 0.2 | 99.3 | 5,023 |
| East Kalimantan | 0.8 | 45.5 | 1.5 | 2.9 | 39.0 | 10.0 | 0.1 | 0.1 | 0.2 | 99.7 | 4,319 |
| North Kalimantan | 2.6 | 31.8 | 1.3 | 7.7 | 47.3 | 8.9 | 0.2 | 0.2 | 0.1 | 99.6 | 729 |
| North Sulawesi | 2.3 | 26.8 | 0.7 | 21.4 | 5.0 | 41.2 | 0.4 | 1.9 | 0.2 | 97.5 | 3,031 |
| Central Sulawesi | 1.7 | 25.1 | 1.6 | 17.7 | 9.3 | 42.8 | 0.5 | 1.2 | 0.1 | 98.1 | 3,215 |
| South Sulawesi | 2.1 | 21.5 | 0.8 | 21.6 | 31.4 | 21.8 | 0.3 | 0.4 | 0.1 | 99.2 | 9,483 |
| Southeast Sulawesi | 2.8 | 30.1 | 1.7 | 12.5 | 15.0 | 36.1 | 1.0 | 0.8 | 0.2 | 98.1 | 2,733 |
| Gorontalo | 1.8 | 14.8 | 1.3 | 31.9 | 1.5 | 47.9 | 0.3 | 0.2 | 0.2 | 99.2 | 1,260 |
| West Sulawesi | 0.9 | 16.8 | 1.1 | 20.8 | 20.6 | 38.2 | 0.6 | 0.8 | 0.1 | 98.5 | 1,467 |
| Maluku | 1.7 | 35.6 | 2.6 | 23.9 | 3.7 | 30.3 | 1.1 | 1.1 | 0.0 | 97.8 | 1,751 |
| North Maluku | 5.2 | 24.2 | 1.6 | 17.1 | 3.7 | 45.2 | 0.9 | 2.0 | 0.2 | 97.0 | 1,222 |
| West Papua | 1.8 | 37.4 | 1.9 | 14.9 | 13.3 | 29.9 | 0.4 | 0.2 | 0.1 | 99.2 | 563 |
| Southwest Papua | 0.9 | 49.2 | 2.3 | 6.1 | 12.1 | 26.4 | 0.4 | 2.3 | 0.4 | 97.0 | 599 |
| Papua | 1.7 | 40.5 | 1.6 | 8.8 | 18.4 | 28.7 | 0.2 | 0.1 | 0.0 | 99.7 | 1,029 |
| South Papua | 0.8 | 20.8 | 1.5 | 6.4 | 40.3 | 27.8 | 0.7 | 1.6 | 0.2 | 97.6 | 546 |
| Central Papua | 0.9 | 20.5 | 0.8 | 3.4 | 62.3 | 6.0 | 3.4 | 2.4 | 0.3 | 93.9 | 1,528 |
| Highland Papua | 0.1 | 4.3 | 2.7 | 3.0 | 58.3 | 17.0 | 3.6 | 9.3 | 1.8 | 85.4 | 1,516 |
| INDONESIA | 2.8 | 58.5 | 0.8 | 7.0 | 7.7 | 20.2 | 0.5 | 2.4 | 0.1 | 97.0 | 315,621 |

Table 4.54 Proportion of Types of Main Flooring Materials for the Largest Floor Area in Households by Characteristic, 2023 SKI

| Characteristic | Marble /Granite | Ceramic | Parquet/ Vinyl/ Carpet | Tiles/ Terazzo | Wood/ Board | Cement /Red Brick | Bamboo | Soil | Others | Proper Flooring | Weighted N |
|--|-----------------|---------|------------------------|----------------|-------------|-------------------|--------|------|--------|-----------------|------------|
| | % | % | % | % | % | % | % | % | % | % | |
| Education | | | | | | | | | | | |
| Never attended school | 1.7 | 38.1 | 0.8 | 6.7 | 14.7 | 29.4 | 1.3 | 7.1 | 0.2 | 91.3 | 16,102 |
| Some primary school/Islamic primary school | 2.0 | 46.4 | 1.1 | 7.6 | 10.8 | 26.8 | 1.1 | 4.0 | 0.2 | 94.7 | 23,445 |
| Primary school/Islamic primary school graduate | 2.0 | 51.3 | 0.9 | 7.4 | 10.0 | 23.9 | 0.7 | 3.7 | 0.2 | 95.5 | 96,187 |
| Junior secondary school/Islamic junior secondary school graduate | 2.5 | 57.1 | 0.9 | 6.6 | 7.2 | 23.2 | 0.5 | 2.0 | 0.1 | 97.4 | 55,127 |
| Senior secondary school/Islamic senior secondary school graduate | 3.2 | 67.2 | 0.8 | 6.9 | 5.0 | 15.8 | 0.3 | 0.7 | 0.1 | 98.9 | 93,210 |
| D1/D2/D3/university graduate | 5.6 | 76.2 | 0.7 | 6.3 | 3.8 | 7.0 | 0.1 | 0.2 | 0.1 | 99.6 | 31,550 |
| Occupation | | | | | | | | | | | |
| Unemployed | 2.2 | 56.9 | 0.8 | 8.6 | 9.6 | 18.2 | 0.7 | 2.8 | 0.2 | 96.3 | 25,079 |
| Student | 2.1 | 53.1 | 1.8 | 11.3 | 7.5 | 20.8 | 0.5 | 1.7 | 1.0 | 96.8 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 4.9 | 75.4 | 0.6 | 6.7 | 4.5 | 7.4 | 0.1 | 0.2 | 0.1 | 99.6 | 15,277 |
| Private employee | 3.7 | 76.7 | 0.7 | 5.5 | 3.7 | 8.7 | 0.2 | 0.7 | 0.1 | 99.0 | 46,437 |
| Self-employed | 3.4 | 65.0 | 0.9 | 6.8 | 5.7 | 16.4 | 0.3 | 1.4 | 0.1 | 98.1 | 75,076 |
| Farmer/farm worker | 1.8 | 38.9 | 0.9 | 7.2 | 11.9 | 33.4 | 0.9 | 4.7 | 0.2 | 94.2 | 86,047 |
| Fisher | 1.4 | 38.7 | 1.0 | 7.3 | 24.1 | 24.9 | 0.7 | 1.6 | 0.1 | 97.5 | 5,141 |
| Labor/driver/domestic help | 2.3 | 62.3 | 0.7 | 7.2 | 5.6 | 19.0 | 0.6 | 2.1 | 0.1 | 97.1 | 44,889 |
| Others | 3.2 | 62.0 | 0.8 | 7.3 | 7.2 | 17.5 | 0.4 | 1.4 | 0.1 | 98.1 | 16,613 |
| Residence | | | | | | | | | | | |
| Urban | 3.3 | 69.9 | 0.7 | 7.1 | 4.2 | 13.4 | 0.3 | 1.1 | 0.1 | 98.5 | 183,405 |
| Rural | 2.1 | 42.7 | 1.0 | 6.8 | 12.7 | 29.7 | 0.9 | 4.1 | 0.2 | 94.8 | 132,217 |
| Economic Status | | | | | | | | | | | |
| Lowest | 0.3 | 7.4 | 0.7 | 7.6 | 22.8 | 45.5 | 2.2 | 13.0 | 0.5 | 84.4 | 50,291 |
| Lower middle | 1.5 | 38.4 | 1.1 | 9.9 | 10.7 | 36.2 | 0.7 | 1.3 | 0.2 | 97.8 | 59,016 |
| Middle | 2.5 | 62.0 | 1.0 | 8.1 | 6.2 | 19.8 | 0.2 | 0.2 | 0.1 | 99.5 | 65,697 |
| Upper middle | 3.1 | 79.8 | 0.8 | 5.6 | 2.8 | 7.8 | 0.1 | 0.0 | 0.0 | 99.9 | 71,513 |
| Highest | 5.5 | 87.5 | 0.4 | 4.3 | 0.8 | 1.4 | 0.0 | 0.0 | 0.0 | 100.0 | 69,104 |

Table 4.55 Proportion of Types of Main Building Materials for the Largest Wall Area in Households by Province, 2023 SKI

| Province | Wall | Plastered/ Woven Bamboo/Wire | Wood/ Board/ Wood Sticks | Bamboo/ Woven Bamboo | Others | Proper Wall | Weighted N |
|-------------------------|-------------|------------------------------------|-----------------------------------|----------------------------|------------|----------------|----------------|
| | % | % | % | % | % | % | |
| Aceh | 64.5 | 1.7 | 32.5 | 0.7 | 0.6 | 99.4 | 5,756 |
| North Sumatra | 75.6 | 2.1 | 20.8 | 0.9 | 0.5 | 99.5 | 15,884 |
| West Sumatra | 81.5 | 1.9 | 15.3 | 0.3 | 1.1 | 98.9 | 6,042 |
| Riau | 68.6 | 2.6 | 27.4 | 0.6 | 0.9 | 99.1 | 7,051 |
| Jambi | 74.8 | 1.9 | 22.1 | 0.3 | 0.9 | 99.1 | 4,051 |
| South Sumatra | 73.9 | 1.8 | 23.4 | 0.3 | 0.7 | 99.3 | 9,402 |
| Bengkulu | 79.8 | 3.0 | 15.9 | 0.5 | 0.8 | 99.2 | 2,323 |
| Lampung | 85.2 | 3.0 | 9.5 | 1.4 | 0.8 | 99.2 | 10,424 |
| Bangka Belitung Islands | 87.9 | 2.0 | 9.5 | 0.2 | 0.4 | 99.6 | 1,707 |
| Riau Islands | 84.3 | 2.1 | 13.1 | 0.1 | 0.5 | 99.5 | 2,514 |
| DKI Jakarta | 95.5 | 2.5 | 1.6 | 0.2 | 0.2 | 99.8 | 12,317 |
| West Java | 87.4 | 4.0 | 3.5 | 3.6 | 1.5 | 98.5 | 58,510 |
| Central Java | 82.8 | 2.5 | 13.2 | 0.6 | 0.9 | 99.1 | 44,456 |
| DI Yogyakarta | 94.1 | 2.5 | 1.9 | 0.8 | 0.7 | 99.3 | 4,957 |
| East Java | 90.2 | 2.5 | 6.1 | 0.8 | 0.4 | 99.6 | 50,588 |
| Banten | 88.9 | 4.0 | 2.4 | 3.5 | 1.2 | 98.8 | 13,332 |
| Bali | 96.4 | 3.0 | 0.3 | 0.1 | 0.2 | 99.8 | 5,149 |
| West Nusa Tenggara | 85.3 | 2.2 | 7.4 | 2.4 | 2.7 | 97.3 | 6,849 |
| East Nusa Tenggara | 59.5 | 2.6 | 19.5 | 13.5 | 4.8 | 95.2 | 5,333 |
| West Kalimantan | 80.2 | 3.9 | 14.9 | 0.2 | 0.8 | 99.2 | 5,783 |
| Central Kalimantan | 36.5 | 2.0 | 58.3 | 1.0 | 2.2 | 97.8 | 3,178 |
| South Kalimantan | 33.5 | 1.1 | 60.3 | 0.4 | 4.6 | 95.4 | 5,023 |
| East Kalimantan | 50.0 | 1.2 | 46.8 | 0.4 | 1.7 | 98.3 | 4,319 |
| North Kalimantan | 44.6 | 1.6 | 51.8 | 0.4 | 1.6 | 98.4 | 729 |
| North Sulawesi | 79.3 | 1.3 | 17.4 | 1.0 | 1.0 | 99.0 | 3,031 |
| Central Sulawesi | 71.0 | 1.3 | 26.5 | 0.7 | 0.6 | 99.4 | 3,215 |
| South Sulawesi | 55.3 | 1.4 | 34.8 | 1.3 | 7.2 | 92.8 | 9,483 |
| Southeast Sulawesi | 62.1 | 1.6 | 34.5 | 0.5 | 1.3 | 98.7 | 2,733 |
| Gorontalo | 87.6 | 1.4 | 8.6 | 1.2 | 1.2 | 98.8 | 1,260 |
| West Sulawesi | 62.2 | 1.7 | 32.1 | 1.7 | 2.3 | 97.7 | 1,467 |
| Maluku | 83.6 | 3.0 | 12.0 | 0.7 | 0.7 | 99.3 | 1,751 |
| North Maluku | 86.2 | 1.5 | 11.4 | 0.5 | 0.4 | 99.6 | 1,222 |
| West Papua | 75.7 | 1.9 | 21.3 | 0.4 | 0.6 | 99.4 | 563 |
| Southwest Papua | 77.0 | 2.5 | 18.6 | 0.6 | 1.4 | 98.6 | 599 |
| Papua | 74.0 | 1.7 | 22.2 | 0.7 | 1.3 | 98.7 | 1,029 |
| South Papua | 47.1 | 2.0 | 48.3 | 1.3 | 1.3 | 98.7 | 546 |
| Central Papua | 21.8 | 2.0 | 71.8 | 2.9 | 1.5 | 98.5 | 1,528 |
| Highland Papua | 12.4 | 2.5 | 76.8 | 4.2 | 4.2 | 95.8 | 1,516 |
| INDONESIA | 80.5 | 2.7 | 13.9 | 1.6 | 1.3 | 98.7 | 315,621 |

Table 4.56 Proportion of Types of Main Building Materials for the Largest Wall Area in Households by Characteristic, 2023 SKI

| Characteristic | Wall | Plastered/Woven | Wood/ | Bamboo/ | Proper Wall | Weighted N |
|--|------|-----------------|-----------------------|-----------------|-------------|------------|
| | | Bamboo/Wire | Board/ Wood Sticks | Woven Bamboo | | |
| | % | % | % | % | % | |
| Education | | | | | | |
| Never attended school | 66.1 | 2.8 | 25.5 | 3.2 | 2.5 | 97.5 |
| Some primary school/Islamic primary school | 72.4 | 2.9 | 20.4 | 2.4 | 1.8 | 98.2 |
| Primary school/Islamic primary school graduate | 75.1 | 2.8 | 17.5 | 2.8 | 1.7 | 98.3 |
| Junior secondary school/Islamic junior secondary school graduate | 81.0 | 2.5 | 14.0 | 1.2 | 1.3 | 98.7 |
| Senior secondary school/Islamic senior secondary school graduate | 86.9 | 2.5 | 9.3 | 0.6 | 0.7 | 99.3 |
| D1/D2/D3/university graduate | 91.0 | 2.6 | 5.6 | 0.3 | 0.5 | 99.5 |
| Occupation | | | | | | |
| Unemployed | 78.0 | 2.9 | 15.2 | 2.6 | 1.3 | 98.7 |
| Student | 80.3 | 3.3 | 13.3 | 2.3 | 0.8 | 99.2 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 90.2 | 2.5 | 6.5 | 0.3 | 0.5 | 99.5 |
| Private employee | 90.4 | 2.7 | 5.9 | 0.4 | 0.5 | 99.5 |
| Self-employed | 85.0 | 2.7 | 10.3 | 1.0 | 0.9 | 99.1 |
| Farmer/farm worker | 69.3 | 2.5 | 24.0 | 2.4 | 1.8 | 98.2 |
| Fisher | 64.0 | 1.7 | 29.5 | 1.7 | 3.0 | 97.0 |
| Labor/driver/domestic help | 83.3 | 3.0 | 9.5 | 2.5 | 1.7 | 98.3 |
| Others | 83.6 | 2.5 | 11.7 | 1.1 | 1.2 | 98.8 |
| Residence | | | | | | |
| Urban | 88.2 | 2.7 | 7.3 | 1.0 | 0.8 | 99.2 |
| Rural | 70.0 | 2.6 | 23.0 | 2.5 | 1.9 | 98.1 |
| Economic Status | | | | | | |
| Lowest | 41.4 | 2.9 | 43.1 | 7.9 | 4.7 | 95.3 |
| Lower middle | 74.3 | 3.0 | 19.7 | 1.2 | 1.8 | 98.2 |
| Middle | 85.8 | 3.0 | 10.3 | 0.4 | 0.6 | 99.4 |
| Upper middle | 93.0 | 2.5 | 4.2 | 0.2 | 0.2 | 99.8 |
| Highest | 96.6 | 2.1 | 1.2 | 0.0 | 0.0 | 100.0 |

Table 4.57. Proportion of Adequate Housing for Households by Province, 2023 SKI

| Province | Living Space of $\geq 7.2 \text{ m}^2$ per Capita | Safe Drinking Water | Adequate Sanitation | Adequate House Durability | Adequate Housing | Weighted N | |
|-------------------------|---|---------------------------|------------------------|---------------------------------|------------------|--------------------|----------------|
| | % | % | % | % | % | 95% CI | |
| Aceh | 93.3 | 87.8 | 84.3 | 94.5 | 68.4 | 66.8 - 69.9 | 5,756 |
| North Sumatra | 95.3 | 94.5 | 86.7 | 92.4 | 74.4 | 72.6 - 76.0 | 15,884 |
| West Sumatra | 94.9 | 91.4 | 74.3 | 96.3 | 65.4 | 63.5 - 67.2 | 6,042 |
| Riau | 96.5 | 91.0 | 89.2 | 95.8 | 76.7 | 74.6 - 78.7 | 7,051 |
| Jambi | 98.6 | 92.6 | 91.7 | 95.8 | 80.8 | 78.9 - 82.6 | 4,051 |
| South Sumatra | 93.6 | 89.6 | 87.5 | 90.3 | 69.3 | 67.4 - 71.1 | 9,402 |
| Bengkulu | 96.0 | 90.8 | 86.6 | 97.0 | 74.3 | 71.9 - 76.6 | 2,323 |
| Lampung | 98.0 | 82.1 | 92.8 | 88.6 | 67.5 | 65.3 - 69.7 | 10,424 |
| Bangka Belitung Islands | 96.9 | 86.4 | 92.1 | 38.5 | 28.8 | 27.0 - 30.6 | 1,707 |
| Riau Islands | 96.7 | 92.1 | 86.8 | 68.8 | 57.2 | 52.3 - 62.0 | 2,514 |
| DKI Jakarta | 80.7 | 98.0 | 89.4 | 40.8 | 32.0 | 29.1 - 35.0 | 12,317 |
| West Java | 94.4 | 93.8 | 76.2 | 80.3 | 56.7 | 55.4 - 58.0 | 58,510 |
| Central Java | 98.5 | 93.7 | 87.8 | 84.7 | 70.1 | 68.9 - 71.3 | 44,456 |
| DI Yogyakarta | 98.1 | 88.2 | 94.6 | 92.1 | 76.3 | 73.9 - 78.6 | 4,957 |
| East Java | 97.8 | 96.3 | 86.4 | 85.8 | 71.2 | 70.2 - 72.3 | 50,588 |
| Banten | 96.8 | 95.3 | 87.4 | 73.8 | 62.2 | 59.5 - 64.8 | 13,332 |
| Bali | 91.3 | 95.2 | 94.6 | 94.4 | 78.7 | 76.5 - 80.7 | 5,149 |
| West Nusa Tenggara | 93.4 | 95.1 | 88.1 | 82.0 | 65.3 | 63.0 - 67.5 | 6,849 |
| East Nusa Tenggara | 86.8 | 85.7 | 72.7 | 80.6 | 50.5 | 48.9 - 52.2 | 5,333 |
| West Kalimantan | 96.4 | 88.7 | 81.5 | 97.3 | 69.3 | 67.1 - 71.4 | 5,783 |
| Central Kalimantan | 94.9 | 81.5 | 79.9 | 91.6 | 61.3 | 58.7 - 63.9 | 3,178 |
| South Kalimantan | 95.4 | 85.9 | 81.4 | 85.3 | 59.6 | 57.2 - 61.9 | 5,023 |
| East Kalimantan | 94.9 | 88.7 | 86.8 | 92.7 | 68.9 | 66.1 - 71.6 | 4,319 |
| North Kalimantan | 96.3 | 93.5 | 87.9 | 97.4 | 78.3 | 74.3 - 81.7 | 729 |
| North Sulawesi | 94.3 | 92.1 | 90.2 | 94.5 | 76.2 | 74.0 - 78.2 | 3,031 |
| Central Sulawesi | 91.6 | 93.2 | 82.8 | 94.4 | 70.7 | 68.8 - 72.5 | 3,215 |
| South Sulawesi | 94.9 | 93.0 | 90.3 | 88.2 | 71.7 | 70.2 - 73.2 | 9,483 |
| Southeast Sulawesi | 95.4 | 93.4 | 85.9 | 91.9 | 72.5 | 70.2 - 74.6 | 2,733 |
| Gorontalo | 89.7 | 92.7 | 85.3 | 97.1 | 72.5 | 70.0 - 74.9 | 1,260 |
| West Sulawesi | 92.5 | 89.2 | 85.8 | 93.9 | 68.8 | 65.5 - 71.8 | 1,467 |
| Maluku | 94.6 | 91.6 | 79.4 | 92.7 | 67.2 | 64.7 - 69.6 | 1,751 |
| North Maluku | 96.7 | 87.0 | 85.7 | 94.6 | 70.6 | 67.7 - 73.2 | 1,222 |
| West Papua | 93.3 | 90.4 | 83.3 | 97.5 | 71.0 | 66.4 - 75.2 | 563 |
| Southwest Papua | 92.6 | 83.8 | 79.7 | 94.1 | 62.9 | 58.0 - 67.6 | 599 |
| Papua | 92.8 | 92.0 | 82.3 | 95.1 | 69.8 | 65.8 - 73.6 | 1,029 |
| South Papua | 88.7 | 74.5 | 65.9 | 88.4 | 47.2 | 42.7 - 51.7 | 546 |
| Central Papua | 79.4 | 77.3 | 28.0 | 85.7 | 23.1 | 18.8 - 28.0 | 1,528 |
| Highland Papua | 77.4 | 63.8 | 30.3 | 72.2 | 21.5 | 17.7 - 25.9 | 1,516 |
| INDONESIA | 95.1 | 92.6 | 84.3 | 84.2 | 65.1 | 64.6 - 65.6 | 315,621 |

Notes: Yes/no refers to the four criteria of adequate housing. If one criterion is not met, then it does not qualify as adequate housing.

Table 4.58. Proportion of Adequate Housing for Households by Characteristic, 2023 SKI

| Characteristic | Living Space of $\geq 7.2 \text{ m}^2$ per Capita | Safe Drinking Water | Adequate Sanitation | Adequate House Durability | Adequate Housing | Weighted N | |
|--|---|---------------------------|------------------------|---------------------------------|---------------------|-------------|---------|
| | % | % | % | % | % | 95% CI | |
| Education | | | | | | | |
| Never attended school | 94.7 | 87.5 | 72.1 | 79.7 | 53.5 | 52.0 - 55.0 | 16,102 |
| Some primary school/Islamic primary school | 94.9 | 90.6 | 78.6 | 83.4 | 59.9 | 58.8 - 61.1 | 23,445 |
| Primary school/Islamic primary school graduate | 95.5 | 91.0 | 80.1 | 84.3 | 61.4 | 60.7 - 62.1 | 96,187 |
| Junior secondary school/Islamic junior secondary school graduate | 94.2 | 92.6 | 85.2 | 84.2 | 64.9 | 64.1 - 65.7 | 55,127 |
| Senior secondary school/Islamic senior secondary school graduate | 94.3 | 94.7 | 89.1 | 83.5 | 68.3 | 67.6 - 69.0 | 93,210 |
| D1/D2/D3/university graduate | 97.9 | 95.8 | 92.0 | 89.0 | 77.2 | 76.3 - 78.0 | 31,550 |
| Occupation | | | | | | | |
| Unemployed | 97.0 | 92.4 | 82.0 | 82.3 | 63.2 | 62.0 - 64.3 | 25,079 |
| Student | 95.6 | 93.4 | 82.5 | 84.7 | 64.6 | 58.7 - 70.1 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 98.1 | 95.4 | 91.5 | 91.2 | 78.4 | 77.3 - 79.4 | 15,277 |
| Private employee | 94.0 | 96.0 | 90.3 | 79.7 | 66.8 | 65.8 - 67.8 | 46,437 |
| Self-employed | 95.8 | 94.3 | 87.6 | 85.9 | 69.5 | 68.8 - 70.2 | 75,076 |
| Farmer/farm worker | 95.5 | 89.1 | 80.3 | 86.4 | 62.8 | 62.1 - 63.4 | 86,047 |
| Fisher | 90.9 | 90.2 | 70.0 | 81.3 | 50.0 | 46.7 - 53.3 | 5,141 |
| Labor/driver/domestic help | 92.2 | 92.3 | 80.2 | 80.1 | 57.3 | 56.2 - 58.3 | 44,889 |
| Others | 96.0 | 93.6 | 86.1 | 86.3 | 69.0 | 67.7 - 70.3 | 16,613 |
| Residence | | | | | | | |
| Urban | 94.6 | 95.1 | 85.7 | 82.5 | 65.5 | 64.9 - 66.1 | 183,405 |
| Rural | 95.8 | 89.3 | 82.4 | 86.6 | 64.5 | 63.9 - 65.2 | 132,217 |
| Economic Status | | | | | | | |
| Lowest | 91.5 | 85.9 | 66.6 | 72.9 | 41.9 | 41.1 - 42.7 | 50,291 |
| Lower middle | 94.5 | 91.0 | 81.8 | 87.1 | 63.0 | 62.2 - 63.8 | 59,016 |
| Middle | 94.9 | 92.9 | 86.1 | 87.5 | 68.1 | 67.3 - 68.8 | 65,697 |
| Upper middle | 95.7 | 95.0 | 89.3 | 85.4 | 70.6 | 69.8 - 71.4 | 71,513 |
| Highest | 97.8 | 96.2 | 92.5 | 85.8 | 75.3 | 74.5 - 76.0 | 69,104 |

4.7. EFFORTS TO ERADICATE MOSQUITO BREEDING SITES

The mosquito breeding site eradication (PSN) movement is an action aimed at eliminating potential breeding sites for mosquitoes. PSN is carried out by implementing the 3M Plus strategy, which involves draining water storage containers, covering water storage containers, recycling discarded items that could potentially become mosquito breeding sites, along with other dengue fever prevention measures. This 3M Plus PSN approach is highly effective compared to other dengue fever prevention methods because it eliminates *Aedes aegypti* mosquito breeding sites, preventing the *Aedes aegypti* mosquito, a dengue fever vector, from reproducing and continuing its life cycle from eggs, larvae, pupae, to mosquitoes.

Table 4.59 Proportion of Mosquito Breeding Site Eradication Efforts in Households by Province, 2023 SKI

| Province | Sprinkling Larvicide Powder in Water Storage | Installing Mosquito Screens on Home Ventilation | Draining Bathtubs/Large Buckets/Drums | Covering Household Water Storage | Eliminating Used Items (Cans, Tires, etc.) | Weighted N |
|-------------------------|--|---|---------------------------------------|----------------------------------|--|----------------|
| | % | % | % | % | % | |
| Aceh | 4.4 | 22.2 | 57.1 | 30.2 | 37.7 | 5,756 |
| North Sumatra | 5.1 | 24.5 | 58.5 | 26.0 | 37.2 | 15,884 |
| West Sumatra | 3.0 | 9.6 | 55.2 | 25.9 | 37.0 | 6,042 |
| Riau | 7.4 | 23.9 | 51.2 | 40.1 | 47.0 | 7,051 |
| Jambi | 7.5 | 18.9 | 61.8 | 42.6 | 49.5 | 4,051 |
| South Sumatra | 6.7 | 16.8 | 59.5 | 26.4 | 31.9 | 9,402 |
| Bengkulu | 4.5 | 12.9 | 60.6 | 25.1 | 35.2 | 2,323 |
| Lampung | 11.0 | 18.8 | 63.8 | 39.2 | 37.6 | 10,424 |
| Bangka Belitung Islands | 9.0 | 17.2 | 71.0 | 35.9 | 47.3 | 1,707 |
| Riau Islands | 8.6 | 13.5 | 63.6 | 23.6 | 25.5 | 2,514 |
| DKI Jakarta | 10.1 | 37.2 | 58.6 | 27.8 | 30.0 | 12,317 |
| West Java | 9.8 | 25.8 | 66.8 | 34.1 | 45.4 | 58,510 |
| Central Java | 8.8 | 11.6 | 72.0 | 38.9 | 48.3 | 44,456 |
| DI Yogyakarta | 12.0 | 10.3 | 75.4 | 41.6 | 48.8 | 4,957 |
| East Java | 18.2 | 10.0 | 72.5 | 37.5 | 44.3 | 50,588 |
| Banten | 4.3 | 26.8 | 65.0 | 24.0 | 37.0 | 13,332 |
| Bali | 18.5 | 8.7 | 64.2 | 35.1 | 42.4 | 5,149 |
| West Nusa Tenggara | 7.9 | 5.7 | 54.9 | 24.8 | 30.6 | 6,849 |
| East Nusa Tenggara | 24.6 | 4.5 | 53.7 | 45.4 | 39.3 | 5,333 |
| West Kalimantan | 19.1 | 10.6 | 54.9 | 47.9 | 44.0 | 5,783 |
| Central Kalimantan | 8.1 | 20.4 | 48.8 | 46.9 | 46.0 | 3,178 |
| South Kalimantan | 6.7 | 18.6 | 53.2 | 40.0 | 38.0 | 5,023 |
| East Kalimantan | 24.3 | 25.9 | 66.3 | 39.1 | 42.2 | 4,319 |
| North Kalimantan | 18.9 | 12.5 | 55.3 | 50.8 | 48.7 | 729 |
| North Sulawesi | 2.1 | 2.2 | 55.7 | 39.3 | 44.3 | 3,031 |
| Central Sulawesi | 3.6 | 5.6 | 50.2 | 26.5 | 34.5 | 3,215 |
| South Sulawesi | 10.5 | 9.8 | 64.9 | 36.3 | 35.3 | 9,483 |
| Southeast Sulawesi | 10.3 | 9.9 | 58.6 | 44.2 | 42.0 | 2,733 |
| Gorontalo | 1.3 | 2.1 | 60.2 | 38.9 | 44.0 | 1,260 |
| West Sulawesi | 5.6 | 8.0 | 57.8 | 43.4 | 42.8 | 1,467 |
| Maluku | 6.3 | 7.1 | 53.8 | 36.0 | 30.5 | 1,751 |
| North Maluku | 8.3 | 8.6 | 45.1 | 35.8 | 38.2 | 1,222 |
| West Papua | 9.2 | 23.3 | 50.7 | 42.1 | 42.1 | 563 |
| Southwest Papua | 7.6 | 32.1 | 65.1 | 44.7 | 44.8 | 599 |
| Papua | 15.8 | 51.3 | 67.7 | 48.4 | 50.3 | 1,029 |
| South Papua | 4.8 | 32.7 | 35.9 | 35.1 | 28.8 | 546 |
| Central Papua | 6.5 | 25.5 | 36.8 | 21.7 | 29.2 | 1,528 |
| Highland Papua | 3.8 | 25.3 | 20.3 | 18.5 | 28.0 | 1,516 |
| INDONESIA | 10.6 | 17.3 | 64.3 | 34.9 | 41.8 | 315,621 |

Table 4.60 Proportion of Mosquito Breeding Site Eradication Efforts in Households by Characteristic, 2023 SKI

| Characteristic | Sprinkling Larvicide Powder in Water Storage | Installing Mosquito Screens on Home Ventilation | Draining Bathtubs/ Large Buckets/ Drums | Covering Household Water Storage | Destroying Used Items (Cans, Tires, etc.) | Weighted N |
|--|--|---|---|----------------------------------|---|------------|
| | % | % | % | % | % | |
| Education | | | | | | |
| Never attended school | 7.0 | 8.6 | 51.9 | 27.6 | 34.1 | 16,102 |
| Some primary school/Islamic primary school | 8.8 | 10.6 | 59.4 | 32.8 | 39.4 | 23,445 |
| Primary school/Islamic primary school graduate | 8.9 | 10.9 | 62.2 | 33.0 | 40.0 | 96,187 |
| Junior secondary school/Islamic junior secondary school graduate | 10.6 | 15.7 | 64.8 | 35.2 | 41.9 | 55,127 |
| Senior secondary school/Islamic senior secondary school graduate | 12.4 | 23.6 | 68.0 | 36.2 | 43.5 | 93,210 |
| D1/D2/D3/university graduate | 13.8 | 31.0 | 69.4 | 41.8 | 48.1 | 31,550 |
| Occupation | | | | | | |
| Unemployed | 10.0 | 17.8 | 60.8 | 32.4 | 38.9 | 25,079 |
| Student | 10.0 | 19.3 | 61.3 | 31.5 | 40.1 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 16.2 | 29.6 | 70.7 | 44.7 | 49.9 | 15,277 |
| Private employee | 13.3 | 28.5 | 69.5 | 37.3 | 44.9 | 46,437 |
| Self-employed | 10.9 | 19.2 | 66.5 | 35.1 | 42.4 | 75,076 |
| Farmer/farm worker | 8.4 | 8.6 | 58.8 | 33.4 | 38.8 | 86,047 |
| Fisher | 9.1 | 9.8 | 57.1 | 31.9 | 33.1 | 5,141 |
| Labor/driver/domestic help | 9.6 | 15.2 | 65.8 | 32.8 | 43.0 | 44,889 |
| Others | 12.4 | 19.2 | 66.7 | 36.5 | 42.8 | 16,613 |
| Residence | | | | | | |
| Urban | 12.0 | 22.7 | 68.0 | 36.0 | 43.5 | 183,405 |
| Rural | 8.6 | 10.0 | 59.3 | 33.4 | 39.5 | 132,217 |
| Economic Status | | | | | | |
| Lowest | 6.8 | 5.5 | 50.7 | 29.3 | 34.4 | 50,291 |
| Lower middle | 8.7 | 8.9 | 61.4 | 31.6 | 38.9 | 59,016 |
| Middle | 10.1 | 14.2 | 66.4 | 33.8 | 41.4 | 65,697 |
| Upper middle | 11.9 | 20.4 | 68.1 | 36.4 | 43.7 | 71,513 |
| Highest | 14.1 | 33.1 | 70.9 | 41.4 | 48.1 | 69,104 |

Table 4.61 Proportion of Mosquito Breeding Site Eradication Efforts (3M and 3M Plus) in Households by Province, 2023 SKI

| Province | No 3M or 3M Plus Efforts | | 3M Efforts | | 3M Plus Efforts | | Weighted N |
|-------------------------|--------------------------|--------------------|-------------|--------------------|-----------------|------------------|----------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 83.4 | 81.9 - 84.9 | 8.3 | 7.4 - 9.3 | 8.3 | 7.4 - 9.3 | 5,756 |
| North Sumatra | 85.1 | 83.4 - 86.6 | 6.6 | 5.8 - 7.5 | 8.3 | 6.9 - 10.0 | 15,884 |
| West Sumatra | 85.6 | 83.8 - 87.3 | 10.9 | 9.5 - 12.6 | 3.4 | 2.9 - 4.1 | 6,042 |
| Riau | 80.4 | 78.5 - 82.2 | 11.2 | 9.8 - 12.8 | 8.4 | 7.3 - 9.5 | 7,051 |
| Jambi | 75.8 | 73.7 - 77.8 | 15.3 | 13.7 - 17.0 | 8.9 | 7.7 - 10.3 | 4,051 |
| South Sumatra | 85.9 | 84.5 - 87.2 | 8.0 | 7.0 - 9.2 | 6.0 | 5.3 - 6.8 | 9,402 |
| Bengkulu | 86.6 | 84.7 - 88.3 | 9.1 | 7.7 - 10.7 | 4.3 | 3.5 - 5.3 | 2,323 |
| Lampung | 77.6 | 75.2 - 79.8 | 13.0 | 11.4 - 14.8 | 9.3 | 7.8 - 11.1 | 10,424 |
| Bangka Belitung Islands | 75.9 | 73.0 - 78.5 | 14.3 | 12.4 - 16.5 | 9.8 | 8.4 - 11.5 | 1,707 |
| Riau Islands | 91.0 | 88.3 - 93.2 | 6.3 | 4.7 - 8.5 | 2.6 | 1.9 - 3.6 | 2,514 |
| DKI Jakarta | 87.9 | 85.3 - 90.1 | 3.7 | 2.9 - 4.7 | 8.4 | 6.6 - 10.5 | 12,317 |
| West Java | 78.9 | 77.7 - 80.0 | 10.3 | 9.6 - 11.1 | 10.8 | 10.0 - 11.6 | 58,510 |
| Central Java | 75.9 | 74.7 - 77.0 | 17.4 | 16.5 - 18.3 | 6.7 | 6.2 - 7.3 | 44,456 |
| DI Yogyakarta | 75.2 | 72.3 - 77.9 | 17.7 | 15.5 - 20.1 | 7.1 | 6.1 - 8.3 | 4,957 |
| East Java | 75.7 | 74.5 - 76.9 | 14.8 | 13.9 - 15.8 | 9.4 | 8.6 - 10.3 | 50,588 |
| Banten | 88.3 | 86.8 - 89.6 | 6.6 | 5.6 - 7.7 | 5.2 | 4.4 - 6.1 | 13,332 |
| Bali | 78.1 | 75.2 - 80.8 | 13.4 | 11.2 - 16.1 | 8.5 | 7.1 - 10.1 | 5,149 |
| West Nusa Tenggara | 86.9 | 84.9 - 88.6 | 9.6 | 8.1 - 11.4 | 3.5 | 2.9 - 4.2 | 6,849 |
| East Nusa Tenggara | 75.9 | 74.1 - 77.6 | 14.2 | 12.9 - 15.6 | 9.9 | 8.9 - 11.0 | 5,333 |
| West Kalimantan | 79.2 | 77.3 - 81.1 | 12.8 | 11.5 - 14.3 | 8.0 | 6.9 - 9.2 | 5,783 |
| Central Kalimantan | 82.6 | 80.8 - 84.2 | 9.9 | 8.7 - 11.2 | 7.5 | 6.5 - 8.7 | 3,178 |
| South Kalimantan | 81.7 | 79.9 - 83.4 | 11.4 | 10.1 - 12.8 | 6.9 | 6.0 - 7.9 | 5,023 |
| East Kalimantan | 77.9 | 75.6 - 80.1 | 8.4 | 7.1 - 9.8 | 13.7 | 12.1 - 15.5 | 4,319 |
| North Kalimantan | 69.5 | 64.7 - 73.9 | 20.8 | 16.9 - 25.3 | 9.8 | 7.8 - 12.1 | 729 |
| North Sulawesi | 79.7 | 77.4 - 81.8 | 19.0 | 17.0 - 21.2 | 1.3 | 1.0 - 1.7 | 3,031 |
| Central Sulawesi | 88.7 | 86.9 - 90.3 | 9.5 | 8.1 - 11.1 | 1.8 | 1.3 - 2.4 | 3,215 |
| South Sulawesi | 80.9 | 79.3 - 82.4 | 13.3 | 12.2 - 14.6 | 5.8 | 5.0 - 6.8 | 9,483 |
| Southeast Sulawesi | 76.3 | 74.0 - 78.5 | 15.3 | 13.4 - 17.4 | 8.4 | 7.3 - 9.6 | 2,733 |
| Gorontalo | 75.4 | 71.6 - 78.9 | 23.5 | 20.0 - 27.3 | 1.1 | 0.8 - 1.6 | 1,260 |
| West Sulawesi | 75.5 | 71.6 - 79.0 | 17.9 | 14.7 - 21.5 | 6.6 | 5.1 - 8.6 | 1,467 |
| Maluku | 81.4 | 78.5 - 84.1 | 14.7 | 12.3 - 17.4 | 3.9 | 3.1 - 4.9 | 1,751 |
| North Maluku | 82.8 | 80.5 - 84.9 | 10.8 | 9.2 - 12.7 | 6.4 | 5.3 - 7.7 | 1,222 |
| West Papua | 76.6 | 72.9 - 79.9 | 12.2 | 9.9 - 14.8 | 11.3 | 9.2 - 13.8 | 563 |
| Southwest Papua | 72.3 | 68.8 - 75.5 | 12.1 | 10.2 - 14.3 | 15.6 | 13.0 - 18.7 | 599 |
| Papua | 68.3 | 64.2 - 72.1 | 7.9 | 5.9 - 10.6 | 23.8 | 20.4 - 27.6 | 1,029 |
| South Papua | 84.3 | 80.8 - 87.2 | 5.0 | 3.5 - 7.1 | 10.7 | 8.4 - 13.5 | 546 |
| Central Papua | 90.2 | 86.3 - 93.1 | 2.7 | 1.7 - 4.3 | 7.1 | 4.6 - 10.8 | 1,528 |
| Highland Papua | 89.9 | 86.5 - 92.5 | 3.0 | 2.1 - 4.2 | 7.1 | 5.0 - 10.0 | 1,516 |
| INDONESIA | 79.8 | 79.5 - 80.2 | 12.0 | 11.7 - 12.3 | 8.1 | 7.9 - 8.4 | 315,621 |

Notes:

3M includes draining, covering, and eliminating.

3M Plus includes draining, covering, and eliminating, along with one additional effort (using mosquito repellent, larvicide powder, or installing screens on ventilation)

Table 4.62 Proportion of Mosquito Breeding Site Eradication Efforts (3M and 3M Plus) in Households by Characteristic, 2023 SKI

| Characteristic | No 3M or 3M Plus Efforts | | 3M Efforts | | 3M Plus Efforts | | Weighted N |
|--|--------------------------|-------------|------------|-------------|-----------------|-------------|------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Education | | | | | | | |
| Never attended school | 86.4 | 85.5 - 87.4 | 9.6 | 8.8 - 10.4 | 4.0 | 3.5 - 4.5 | 16,102 |
| Some primary school/Islamic primary school | 82.4 | 81.5 - 83.3 | 12.2 | 11.5 - 13.0 | 5.3 | 4.8 - 5.9 | 23,445 |
| Primary school/Islamic primary school graduate | 81.8 | 81.2 - 82.4 | 12.6 | 12.1 - 13.1 | 5.6 | 5.3 - 5.9 | 96,187 |
| Junior secondary school/Islamic junior secondary school graduate | 79.7 | 79.0 - 80.4 | 12.6 | 12.1 - 13.1 | 7.7 | 7.2 - 8.2 | 55,127 |
| Senior secondary school/Islamic senior secondary school graduate | 78.4 | 77.8 - 78.9 | 11.4 | 11.0 - 11.8 | 10.3 | 9.8 - 10.7 | 93,210 |
| D1/D2/D3/university graduate | 73.3 | 72.4 - 74.2 | 12.1 | 11.5 - 12.8 | 14.6 | 13.8 - 15.3 | 31,550 |
| Occupation | | | | | | | |
| Unemployed | 82.0 | 81.0 - 82.9 | 10.7 | 10.0 - 11.5 | 7.3 | 6.6 - 8.0 | 25,079 |
| Student | 83.5 | 78.9 - 87.2 | 7.7 | 5.5 - 10.7 | 8.8 | 6.0 - 12.8 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 71.1 | 69.8 - 72.3 | 13.1 | 12.2 - 13.9 | 15.9 | 14.9 - 16.9 | 15,277 |
| Private employee | 76.9 | 76.0 - 77.8 | 10.9 | 10.4 - 11.5 | 12.1 | 11.4 - 12.9 | 46,437 |
| Self-employed | 79.4 | 78.8 - 80.0 | 11.8 | 11.4 - 12.3 | 8.8 | 8.4 - 9.3 | 75,076 |
| Farmer/farm worker | 82.2 | 81.7 - 82.8 | 12.9 | 12.4 - 13.4 | 4.9 | 4.6 - 5.2 | 86,047 |
| Fisher | 85.0 | 83.2 - 86.6 | 11.3 | 10.0 - 12.9 | 3.7 | 3.1 - 4.3 | 5,141 |
| Labor/driver/domestic help | 80.9 | 80.0 - 81.7 | 12.1 | 11.5 - 12.8 | 7.0 | 6.5 - 7.5 | 44,889 |
| Others | 77.8 | 76.7 - 78.9 | 12.7 | 11.9 - 13.6 | 9.4 | 8.7 - 10.3 | 16,613 |
| Residence | | | | | | | |
| Urban | 78.4 | 77.9 - 78.9 | 11.5 | 11.1 - 11.9 | 10.1 | 9.7 - 10.5 | 183,405 |
| Rural | 81.8 | 81.2 - 82.4 | 12.7 | 12.3 - 13.2 | 5.4 | 5.1 - 5.8 | 132,217 |
| Economic Status | | | | | | | |
| Lowest | 86.0 | 85.3 - 86.5 | 10.8 | 10.3 - 11.4 | 3.2 | 2.9 - 3.5 | 50,291 |
| Lower middle | 82.9 | 82.3 - 83.5 | 12.4 | 11.9 - 12.9 | 4.6 | 4.3 - 5.0 | 59,016 |
| Middle | 80.4 | 79.8 - 81.0 | 12.7 | 12.2 - 13.2 | 6.9 | 6.5 - 7.3 | 65,697 |
| Upper middle | 78.3 | 77.6 - 79.0 | 12.3 | 11.8 - 12.8 | 9.4 | 8.9 - 9.9 | 71,513 |
| Highest | 73.8 | 73.1 - 74.6 | 11.6 | 11.1 - 12.1 | 14.6 | 14.0 - 15.2 | 69,104 |

Table 4.63 Proportion of Frequency of Draining Bathtubs/Large Buckets/Drums in Households by Province, 2023 SKI

| Province | Less Than Once in a Week | Once in a Week | Once to Twice in a Month | N/A | Weighted N |
|-------------------------|-----------------------------|----------------|--------------------------------|-------------|----------------|
| | % | % | % | % | |
| Aceh | 18.0 | 24.5 | 13.8 | 43.8 | 5,756 |
| North Sumatra | 21.6 | 25.4 | 10.9 | 42.0 | 15,884 |
| West Sumatra | 20.5 | 20.6 | 13.3 | 45.6 | 6,042 |
| Riau | 17.2 | 23.5 | 9.8 | 49.5 | 7,051 |
| Jambi | 13.7 | 24.2 | 23.4 | 38.7 | 4,051 |
| South Sumatra | 13.1 | 23.6 | 22.3 | 41.0 | 9,402 |
| Bengkulu | 25.5 | 24.8 | 9.9 | 39.8 | 2,323 |
| Lampung | 33.0 | 22.9 | 7.2 | 36.8 | 10,424 |
| Bangka Belitung Islands | 21.0 | 33.1 | 16.1 | 29.8 | 1,707 |
| Riau Islands | 27.2 | 24.5 | 11.7 | 36.7 | 2,514 |
| DKI Jakarta | 37.1 | 15.6 | 4.9 | 42.4 | 12,317 |
| West Java | 33.4 | 20.1 | 12.3 | 34.2 | 58,510 |
| Central Java | 34.2 | 22.2 | 14.5 | 29.1 | 44,456 |
| DI Yogyakarta | 51.3 | 16.4 | 6.8 | 25.5 | 4,957 |
| East Java | 26.0 | 25.8 | 20.0 | 28.2 | 50,588 |
| Banten | 33.8 | 20.6 | 10.2 | 35.4 | 13,332 |
| Bali | 23.4 | 32.3 | 8.3 | 36.0 | 5,149 |
| West Nusa Tenggara | 25.5 | 18.8 | 10.2 | 45.5 | 6,849 |
| East Nusa Tenggara | 16.1 | 21.4 | 15.2 | 47.4 | 5,333 |
| West Kalimantan | 5.6 | 17.1 | 31.6 | 45.7 | 5,783 |
| Central Kalimantan | 15.7 | 18.3 | 13.8 | 52.2 | 3,178 |
| South Kalimantan | 18.3 | 17.6 | 16.7 | 47.5 | 5,023 |
| East Kalimantan | 24.0 | 26.1 | 15.6 | 34.3 | 4,319 |
| North Kalimantan | 15.0 | 22.0 | 16.3 | 46.6 | 729 |
| North Sulawesi | 33.2 | 17.2 | 4.5 | 45.1 | 3,031 |
| Central Sulawesi | 25.2 | 18.6 | 5.8 | 50.4 | 3,215 |
| South Sulawesi | 35.6 | 19.1 | 9.8 | 35.5 | 9,483 |
| Southeast Sulawesi | 17.9 | 24.8 | 15.0 | 42.3 | 2,733 |
| Gorontalo | 37.6 | 21.6 | 0.9 | 39.9 | 1,260 |
| West Sulawesi | 26.3 | 21.9 | 8.4 | 43.4 | 1,467 |
| Maluku | 23.6 | 18.3 | 11.2 | 47.0 | 1,751 |
| North Maluku | 20.7 | 19.4 | 4.3 | 55.6 | 1,222 |
| West Papua | 15.6 | 21.5 | 12.3 | 50.6 | 563 |
| Southwest Papua | 24.4 | 27.4 | 10.5 | 37.8 | 599 |
| Papua | 21.1 | 30.2 | 15.6 | 33.1 | 1,029 |
| South Papua | 8.5 | 16.1 | 10.5 | 64.9 | 546 |
| Central Papua | 6.2 | 15.8 | 13.6 | 64.4 | 1,528 |
| Highland Papua | 3.9 | 4.3 | 9.6 | 82.2 | 1,516 |
| INDONESIA | 27.8 | 22.0 | 13.7 | 36.5 | 315,621 |

Table 4.64 Proportion of Frequency of Draining Bathtubs/Large Buckets/Drums in Households by Characteristic, 2023 SKI

| Characteristic | Less Than Once in a Week | Once in a Week | Once to Twice in a Month | N/A | Weighted N |
|--|--------------------------|----------------|--------------------------|------|------------|
| | % | % | % | % | |
| Education | | | | | |
| Never attended school | 18.1 | 18.5 | 14.2 | 49.1 | 16,102 |
| Some primary school/Islamic primary school | 22.7 | 20.5 | 15.3 | 41.5 | 23,445 |
| Primary school/Islamic primary school graduate | 24.3 | 21.5 | 15.6 | 38.6 | 96,187 |
| Junior secondary school/Islamic junior secondary school graduate | 27.9 | 22.2 | 13.8 | 36.1 | 55,127 |
| Senior secondary school/Islamic senior secondary school graduate | 32.5 | 23.1 | 11.8 | 32.7 | 93,210 |
| D1/D2/D3/university graduate | 33.6 | 23.0 | 11.8 | 31.6 | 31,550 |
| Occupation | | | | | |
| Unemployed | 26.2 | 20.7 | 12.8 | 40.3 | 25,079 |
| Student | 27.7 | 19.0 | 13.6 | 39.7 | 1,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 32.0 | 25.0 | 13.0 | 30.0 | 15,277 |
| Private employee | 36.0 | 22.0 | 10.8 | 31.2 | 46,437 |
| Self-employed | 28.4 | 23.4 | 13.8 | 34.3 | 75,076 |
| Farmer/farm worker | 20.4 | 21.4 | 16.3 | 41.9 | 86,047 |
| Fisher | 22.0 | 21.1 | 13.2 | 43.6 | 5,141 |
| Labor/driver/domestic help | 32.1 | 20.5 | 12.5 | 35.0 | 44,889 |
| Others | 30.1 | 22.5 | 13.3 | 34.1 | 16,613 |
| Residence | | | | | |
| Urban | 32.9 | 22.4 | 11.9 | 32.8 | 183,405 |
| Rural | 20.8 | 21.5 | 16.2 | 41.5 | 132,217 |
| Economic Status | | | | | |
| Lowest | 19.0 | 17.4 | 13.3 | 50.3 | 50,291 |
| Lower middle | 24.0 | 21.3 | 15.4 | 39.3 | 59,016 |
| Middle | 27.6 | 22.9 | 15.1 | 34.3 | 65,697 |
| Upper middle | 30.3 | 23.5 | 13.6 | 32.6 | 71,513 |
| Highest | 35.2 | 23.6 | 11.2 | 30.0 | 69,104 |

CHAPTER 5

MENTAL HEALTH

The purpose of the mental health assessment in the 2023 SKI is to obtain an overview of the magnitude of the problems related to psychosis/schizophrenia, treatment and confinement within families, the prevalence and treatment of depression, the prevalence of mental health issues, and the prevalence of household members who have thoughts of ending their lives. All questions regarding mental health are included in the household questionnaire (psychosis/schizophrenia) and the individual questionnaire (depression and mental health issues).

5.1. PSYCHOSIS/SCHIZOPHRENIA AND CONFINEMENT IN FAMILIES

The purpose of assessing psychosis/schizophrenia is to determine the prevalence of households that have members with psychosis/schizophrenia.

These questions are asked to the head of the household or a household member representing the head of the household. The head of the household with a member suffering from psychosis/schizophrenia is further questioned about the history of confinement and treatment that they may have experienced.

Psychosis/schizophrenia is a severe mental disorder typically characterized by fundamental and characteristic disturbances in thinking and perception, accompanied by inappropriate or blunted affect. Clear consciousness and intellectual capacity are usually maintained, although certain cognitive impairments may develop later. The typical symptoms of psychosis/schizophrenia include persistent delusions or hallucinations lasting for one month or more, bizarre behavior such as catatonia or aggression, and negative symptoms that significantly impact overall quality of life. Schizophrenia is associated with severe disability and can affect all areas of life, including personal, family, social, educational, and occupational functioning. Stigma, discrimination, and human rights violations such as confinement are often experienced by those suffering from schizophrenia. More than two-thirds of people with psychosis worldwide do not receive specialist mental health services. One in three people with schizophrenia will be able to fully recover.

The Minister of Health Regulation No. 54 of 2017 explains about the handling of confinement of people with mental disorders (ODGJ). Confinement refers to the act of physically restraining or restricting a person with a mental disorder or an aggressive/dangerous person in the community, resulting in the loss of freedom to access services that can help restore their functions. Confinement actions can involve tying or isolating. Tying refers to all manual methods that use materials or mechanical devices attached to the body, making it difficult to move freely by restricting the freedom to move hands, feet, or head. Isolation involves confining someone alone without consent or by force in a room or area that physically restricts them from leaving the room/area. Restraint and isolation actions performed in healthcare facilities are not considered confinement. In the 2023 SKI, the proportion of people who have been confined refers to the proportion of households that have members with symptoms and diagnosed with psychosis/schizophrenia, who are currently confined or have ever been confined in the past (without a time limit). Meanwhile, the proportion of confined in the last three months specifically refers to confinement that has been or is still being carried out in the last three months.

The prevalence of households with members exhibiting symptoms of psychosis/schizophrenia is calculated using the following formula:

Prevalence of households with members exhibiting symptoms of psychosis/schizophrenia

$$= \frac{\Sigma \text{ households with members exhibiting symptoms of psychosis/schizophrenia}}{\Sigma \text{ interviewed households}}$$

The prevalence of households with members exhibiting symptoms and diagnosed with psychosis/schizophrenia by a doctor is calculated using the following formula:

Prevalence of households with members exhibiting symptoms and diagnosed with psychosis/schizophrenia by a doctor

$$= \frac{\Sigma \text{ households with members exhibiting symptoms and diagnosed with psychosis/schizophrenia by a doctor}}{\Sigma \text{ interviewed households}}$$

The proportion of households with members exhibiting symptoms and diagnosed with psychosis/schizophrenia by a doctor who have ever been confined is calculated using the formula:

Proportion of households with members exhibiting symptoms and diagnosed by a doctor with psychosis/schizophrenia who have ever been confined

$$= \frac{\Sigma \text{ households with members having psychosis/schizophrenia who have ever been confined}}{\Sigma \text{ households with members having psychosis/schizophrenia}}$$

The proportion of households with members exhibiting symptoms and diagnosed with psychosis/schizophrenia by a doctor who have been confined in the last three months is calculated using the following formula:

Proportion of households with members exhibiting symptoms and diagnosed by a doctor with psychosis/schizophrenia who have been confined in the last three months

$$= \frac{\Sigma \text{ households with members having psychosis/schizophrenia who have been confined in the last three months}}{\Sigma \text{ households with members having psychosis/schizophrenia}}$$

Table 5.1 Prevalence (Per Thousand) of Households with Members Having Psychosis/Schizophrenia by Province, 2023 SKI

| Province | Households with Members Having Psychosis/Schizophrenia | | | | Weighted N | |
|-------------------------|--|----------------|----------------------|----------------|----------------|--|
| | Symptoms | | Symptoms + Diagnosis | | | |
| | % | 95%CI (%) | % | 95%CI (%) | | |
| Aceh | 4.6 | 3.3-6.2 | 4.0 | 2.9-5.7 | 5,756 | |
| North Sumatra | 1.6 | 1.1-2.3 | 1.1 | 0.7-1.7 | 15,884 | |
| West Sumatra | 4.8 | 3.4-6.7 | 4.5 | 3.1-6.4 | 6,042 | |
| Riau | 2.6 | 1.5-4.4 | 1.6 | 0.8-3.2 | 7,051 | |
| Jambi | 2.8 | 1.4-5.5 | 2.8 | 1.4-5.5 | 4,051 | |
| South Sumatra | 3.0 | 2.0-4.5 | 2.1 | 1.4-3.2 | 9,402 | |
| Bengkulu | 2.8 | 1.6-4.6 | 2.1 | 1.2-3.9 | 2,323 | |
| Lampung | 2.8 | 1.6-4.8 | 2.0 | 1.0-4.2 | 10,424 | |
| Bangka Belitung Islands | 3.1 | 1.8-5.3 | 2.2 | 1.2-4.1 | 1,707 | |
| Riau Islands | 2.6 | 0.6-10.5 | 2.6 | 0.6-10.5 | 2,514 | |
| DKI Jakarta | 4.9 | 2.8-8.3 | 4.9 | 2.8-8.3 | 12,317 | |
| West Java | 3.8 | 2.9-4.9 | 2.4 | 1.8-3.4 | 58,510 | |
| Central Java | 6.5 | 5.4-7.9 | 5.1 | 4.1-6.4 | 44,456 | |
| DI Yogyakarta | 9.3 | 6.1-14.2 | 7.8 | 4.9-12.4 | 4,957 | |
| East Java | 4.2 | 3.3-5.3 | 3.0 | 2.3-4.0 | 50,588 | |
| Banten | 2.0 | 1.0-4.3 | 1.1 | 0.4-2.9 | 13,332 | |
| Bali | 1.4 | 0.7-2.9 | 0.9 | 0.4-2.0 | 5,149 | |
| West Nusa Tenggara | 3.7 | 2.0-6.8 | 3.0 | 1.5-6.1 | 6,849 | |
| East Nusa Tenggara | 5.5 | 4.3-7.0 | 3.4 | 2.4-4.8 | 5,333 | |
| West Kalimantan | 2.7 | 1.7-4.4 | 2.2 | 1.3-3.6 | 5,783 | |
| Central Kalimantan | 2.4 | 1.3-4.4 | 1.8 | 0.9-3.9 | 3,178 | |
| South Kalimantan | 4.8 | 3.2-7.1 | 3.9 | 2.5-6.1 | 5,023 | |
| East Kalimantan | 3.6 | 1.9-6.8 | 3.1 | 1.6-6.2 | 4,319 | |
| North Kalimantan | 1.9 | 0.7-5.0 | 1.6 | 0.5-4.9 | 729 | |
| North Sulawesi | 1.2 | 0.5-3.1 | 1.2 | 0.4-3.1 | 3,031 | |
| Central Sulawesi | 3.9 | 2.5-6.1 | 3.4 | 2.1-5.5 | 3,215 | |
| South Sulawesi | 4.8 | 3.7-6.3 | 3.1 | 2.3-4.1 | 9,483 | |
| Southeast Sulawesi | 2.9 | 1.9-4.5 | 2.2 | 1.4-3.6 | 2,733 | |
| Gorontalo | 2.9 | 1.4-5.9 | 2.3 | 1.1-4.9 | 1,260 | |
| West Sulawesi | 5.9 | 3.2-10.8 | 4.2 | 2.1-8.3 | 1,467 | |
| Maluku | 1.3 | 0.6-2.8 | 1.2 | 0.6-2.7 | 1,751 | |
| North Maluku | 1.7 | 0.7-4.3 | 1.6 | 0.6-4.3 | 1,222 | |
| West Papua | 1.1 | 0.4-3.0 | 0.6 | 0.2-2.6 | 563 | |
| Southwest Papua | 1.3 | 0.5-3.4 | 0.7 | 0.2-3.0 | 599 | |
| Papua | 3.0 | 1.0-9.0 | 1.6 | 0.5-5.1 | 1,029 | |
| South Papua | 1.0 | 0.1-7.0 | 1.0 | 0.1-7.0 | 546 | |
| Central Papua | 3.0 | 1.3-6.9 | 0.4 | 0.1-2.7 | 1,528 | |
| Highland Papua | 2.2 | 0.8-6.0 | 0.2 | 0.0-1.2 | 1,516 | |
| INDONESIA | 4.0 | 3.7-4.4 | 3.0 | 2.7-3.3 | 315,621 | |

Table 5.2. Prevalence (Per Thousand) of Households with Members Having Psychosis/Schizophrenia by Household Characteristic, 2023 SKI

| Household Characteristic | Households with Members Having Psychosis/Schizophrenia | | | | Weighted N | |
|-----------------------------|--|-----------|---------------------|-----------|------------|--|
| | Symptoms | | Symptoms+ Diagnosis | | | |
| | % | 95%CI (%) | % | 95%CI (%) | | |
| Residence | | | | | | |
| Urban | 4.0 | 3.6-4.5 | 3.1 | 2.8-3.6 | 183,405 | |
| Rural | 4.0 | 3.5-4.7 | 2.8 | 2.3-3.3 | 132,216 | |
| Economic Status | | | | | | |
| Lowest | 8.8 | 7.5-10.2 | 5.9 | 4.9-7.1 | 50,291 | |
| Lower middle | 5.2 | 4.3-6.2 | 3.7 | 3.0-4.6 | 59,016 | |
| Middle | 3.8 | 3.0-4.6 | 3.0 | 2.4-3.8 | 65,697 | |
| Upper middle | 2.3 | 1.8-2.9 | 1.9 | 1.5-2.4 | 71,513 | |
| Highest | 1.5 | 1.1-2.1 | 1.4 | 1.0-1.9 | 69,104 | |

Notes: Of all households with members exhibiting symptoms of psychosis/schizophrenia diagnosed by a doctor (weighted N of 844), 95.6% have one member with psychosis/schizophrenia, 4.3% have two members with psychosis/schizophrenia, and 0.1% have three members with psychosis/schizophrenia.

Table 5.3 Proportion of Households with Members Having Psychosis/Schizophrenia Who Have Ever Been Confined by Household Characteristic, 2023 SKI

| Household Characteristic | Have Been Confined (Lifetime) | | Weighted N |
|--------------------------|-------------------------------|----------------|------------|
| | % | 95% CI (%) | |
| Residence | | | |
| Urban | 5.4 | 3.5-8.1 | 514 |
| Rural | 8.4 | 6.8-10.4 | 330 |
| Economic Status | | | |
| Lowest | 9.9 | 7.4-13.0 | 265 |
| Lower middle | 6.1 | 3.7-10.1 | 195 |
| Middle | 4.7 | 2.1-10.2 | 175 |
| Upper middle | 5.1 | 2.0-12.3 | 122 |
| Highest | 3.2 | 1.2-8.2 | 87 |
| INDONESIA | 6.6 | 5.2-8.3 | 844 |

Notes: Of all households with members who have ever been confined, 25.2% (95% CI = 19.7-31.6) had members who were confined in the last three months (weighted N = 55 households).

Table 4.65 Proportion of Reasons for Confining Household Members with Psychosis/Schizophrenia, 2023 SKI*

| Reason | Members Confined (%)* | Weighted N |
|---|-----------------------|------------|
| Violent behavior towards others (being angry, killing, etc.) | 65.7 | 55 |
| Violent behavior towards themselves (self-harm, suicide attempts, etc.) | 38.1 | 55 |
| Disturbing others' peace | 69.5 | 55 |
| Destructive behavior | 48.2 | 55 |
| No caregivers | 13.0 | 55 |
| Others | 11.8 | 55 |

*Respondents could select more than one answer.

5.2. DEPRESSION

The objective of assessing depression is to determine the prevalence of depression among the Indonesian population. The assessment of depression in the 2023 SKI uses the Mini International Neuropsychiatric Interview (MINI), which consists of 10 questions with "yes" or "no" answers. These questions are asked by the interviewer to individuals aged 15 years and older (cannot be represented) and are based on the individual's condition over the past two weeks. Respondents are categorized as experiencing depression if they answer "yes" to at least 2 out of 3 main questions (questions 1-3) and "yes" to at least 2 out of 7 additional questions (questions 4-10).

The prevalence of depression in the past two weeks among the population aged ≥ 15 years is calculated using the formula:

Prevalence of depression in the past two weeks among the population aged > 15 years

$$= \frac{\sum \text{individuals aged 15 years with depression in the past two weeks (based on MINI)}}{\sum \text{all individuals aged 15 years}}$$

Table 5.4 Prevalence of Depression in the Past Two Weeks among Individuals Aged ≥15 by Province, 2023 SKI

| Province | Depression* | | Weighted N |
|-------------------------|-------------|----------------|----------------|
| | % | 95% CI (%) | |
| Aceh | 0.8 | 0.6-1.1 | 11,858 |
| North Sumatra | 1.2 | 0.9-1.6 | 33,667 |
| West Sumatra | 0.8 | 0.6-1.0 | 12,973 |
| Riau | 0.6 | 0.5-0.8 | 14,408 |
| Jambi | 0.3 | 0.2-0.4 | 7,890 |
| South Sumatra | 0.5 | 0.4-0.6 | 19,282 |
| Bengkulu | 0.5 | 0.4-0.8 | 4,674 |
| Lampung | 0.5 | 0.4-0.6 | 20,646 |
| Bangka Belitung Islands | 0.3 | 0.2-0.4 | 3,439 |
| Riau Islands | 0.5 | 0.3-0.8 | 4,778 |
| DKI Jakarta | 1.5 | 1.2-2.0 | 24,697 |
| West Java | 3.3 | 3.0-3.7 | 113,568 |
| Central Java | 1.0 | 0.9-1.2 | 86,668 |
| DI Yogyakarta | 1.5 | 1.2-1.8 | 8,827 |
| East Java | 0.7 | 0.6-0.8 | 97,746 |
| Banten | 1.7 | 1.3-2.4 | 27,507 |
| Bali | 0.2 | 0.1-0.3 | 10,412 |
| West Nusa Tenggara | 1.3 | 1.0-1.8 | 11,964 |
| East Nusa Tenggara | 1.1 | 0.9-1.3 | 11,779 |
| West Kalimantan | 0.5 | 0.4-0.7 | 12,525 |
| Central Kalimantan | 0.3 | 0.2-0.4 | 6,163 |
| South Kalimantan | 0.5 | 0.4-0.7 | 9,301 |
| East Kalimantan | 2.2 | 1.7-2.7 | 8,850 |
| North Kalimantan | 0.5 | 0.3-0.9 | 1,637 |
| North Sulawesi | 1.4 | 1.0-1.8 | 6,178 |
| Central Sulawesi | 1.5 | 1.1-1.9 | 6,832 |
| South Sulawesi | 1.7 | 1.4-2.0 | 21,208 |
| Southeast Sulawesi | 0.8 | 0.6-1.0 | 5,912 |
| Gorontalo | 1.0 | 0.7-1.5 | 2,753 |
| West Sulawesi | 0.6 | 0.4-0.9 | 3,171 |
| Maluku | 0.7 | 0.5-0.9 | 4,273 |
| North Maluku | 0.7 | 0.5-0.9 | 2,920 |
| West Papua | 0.7 | 0.4-1.1 | 1,219 |
| Southwest Papua | 1.1 | 0.7-1.7 | 1,359 |
| Papua | 0.6 | 0.4-0.9 | 2,059 |
| South Papua | 0.5 | 0.3-1.1 | 982 |
| Central Papua | 1.0 | 0.5-2.0 | 3,249 |
| Highland Papua | 0.8 | 0.4-1.9 | 3,454 |
| INDONESIA | 1.4 | 1.3-1.5 | 630,827 |

*Based on MINI: Mini International Neuropsychiatric Interview

Table 5.5. Prevalence of Depression in the Past Two Weeks among Individuals Aged ≥15 by Respondent Characteristic, 2023 SKI

| Characteristic | Depression* | | Weighted N |
|--|-------------|------------|------------|
| | % | 95% CI (%) | |
| Age Range (Year) | | | |
| 15-24 | 2.0 | 1.8-2.2 | 130,977 |
| 25-34 | 1.3 | 1.2-1.5 | 132,645 |
| 35-44 | 1.0 | 0.9-1.1 | 124,836 |
| 45-54 | 1.1 | 1.0-1.3 | 107,685 |
| 55-64 | 1.2 | 1.1-1.4 | 77,553 |
| 65-74 | 1.6 | 1.4-1.8 | 42,219 |
| 75+ | 1.9 | 1.5-2.3 | 14,912 |
| Sex | | | |
| Male | 1.0 | 0.9-1.1 | 316,156 |
| Female | 1.8 | 1.6-1.9 | 314,671 |
| Education | | | |
| Never attended school | 1.5 | 1.3-1.7 | 27,090 |
| Some primary school/Islamic primary school | 1.5 | 1.3-1.7 | 40,315 |
| Primary school/Islamic primary school graduate | 1.5 | 1.4-1.7 | 163,009 |
| Junior secondary school/Islamic junior secondary school graduate | 1.5 | 1.4-1.7 | 134,648 |
| Senior secondary school/Islamic senior secondary school graduate | 1.3 | 1.2-1.4 | 205,030 |
| D1/D2/D3/university graduate | 0.7 | 0.6-0.9 | 60,735 |
| Occupation | | | |
| Unemployed | 2.0 | 1.9-2.2 | 187,265 |
| Student | 2.0 | 1.8-2.3 | 58,605 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 0.3 | 0.2-0.3 | 19,723 |
| Private employee | 1.0 | 0.8-1.2 | 71,965 |
| Self-employed | 1.0 | 0.8-1.2 | 96,764 |
| Farmer/farm worker | 0.7 | 0.6-0.8 | 102,215 |
| Fisher | 0.8 | 0.5-1.2 | 5,074 |
| Labor/driver/domestic help | 1.6 | 1.4-1.9 | 51,213 |
| Others | 1.1 | 0.9-1.3 | 38,002 |
| Residence | | | |
| Urban | 1.7 | 1.6-1.8 | 369,660 |
| Rural | 0.9 | 0.8-1.0 | 261,167 |
| Economic Status | | | |
| Lowest | 1.6 | 1.4-1.8 | 92,202 |
| Lower middle | 1.3 | 1.2-1.5 | 115,108 |
| Middle | 1.3 | 1.2-1.5 | 133,106 |
| Upper middle | 1.4 | 1.3-1.6 | 146,053 |
| Highest | 1.2 | 1.1-1.4 | 144,310 |

*Based on MINI: Mini International Neuropsychiatric Interview

5.3. MENTAL HEALTH ISSUES

Mental health issues are assessed using the Self Reporting Questionnaire (SRQ) developed by the World Health Organization (WHO), which consists of 20 items. The SRQ-20 is a commonly used questionnaire for screening mental health issues in the community. In the 2018 Riskesdas, mental health issues were referred to as emotional mental disorders.

The SRQ questions are asked by the interviewer to household members aged ≥ 15 years and must be answered by the individual themselves. These 20 items have "yes" or "no" response options. Respondents must answer all the questions. The cutoff value set for this survey is 6, meaning if a respondent answers "yes" to 6 or more questions, they are indicated to have mental health issues. This cutoff value is based on validity testing conducted by Hartono (1996).

One of the questions in the SRQ-20 asks the household member, "In the past month, have you had thoughts of ending your life?" This question is used to determine the prevalence of individuals who have had suicidal thoughts.

The prevalence of mental health issues in the last month among individuals aged ≥ 15 is calculated using the following formula:

Prevalence of Mental Health Issues in the Last Month among Individuals Aged ≥ 15

$$= \frac{\Sigma \text{ individuals aged } \geq 15 \text{ years with mental health issues in the last month (SRQ-20)}}{\Sigma \text{ all individuals aged } \geq 15}$$

The prevalence of individuals aged ≥ 15 years who had suicidal thoughts in the last month is calculated using the following formula:

Prevalence of individuals aged ≥ 15 years who had suicidal thoughts in the last month

$$= \frac{\Sigma \text{ individuals aged } \geq 15 \text{ years who had suicidal thoughts in the last month (SRQ-20)}}{\Sigma \text{ all individuals aged } \geq 15}$$

Table 5.6 Prevalence of Mental Health Issues in the Last Month among Individuals Aged ≥15 by Province, 2023 SKI

| Province | Mental Health Issues** | | Weighted N |
|-------------------------|------------------------|----------------|----------------|
| | % | 95% CI (%) | |
| Aceh | 1.7 | 1.5-1.9 | 11,858 |
| North Sumatra | 1.8 | 1.4-2.2 | 33,667 |
| West Sumatra | 1.3 | 1.0-1.6 | 12,973 |
| Riau | 1.2 | 1.0-1.5 | 14,408 |
| Jambi | 0.9 | 0.6-1.3 | 7,890 |
| South Sumatra | 0.9 | 0.7-1.1 | 19,282 |
| Bengkulu | 1.1 | 0.8-1.5 | 4,674 |
| Lampung | 0.7 | 0.5-0.9 | 20,646 |
| Bangka Belitung Islands | 0.5 | 0.4-0.7 | 3,439 |
| Riau Islands | 0.9 | 0.6-1.2 | 4,778 |
| DKI Jakarta | 2.3 | 1.9-2.9 | 24,697 |
| West Java | 4.4 | 4.0-4.8 | 113,568 |
| Central Java | 1.7 | 1.5-2.0 | 86,668 |
| DI Yogyakarta | 1.9 | 1.6-2.4 | 8,827 |
| East Java | 1.0 | 0.8-1.1 | 97,746 |
| Banten | 2.7 | 2.0-3.6 | 27,507 |
| Bali | 0.3 | 0.2-0.5 | 10,412 |
| West Nusa Tenggara | 1.7 | 1.3-2.4 | 11,964 |
| East Nusa Tenggara | 2.2 | 1.9-2.5 | 11,779 |
| West Kalimantan | 0.6 | 0.5-0.8 | 12,525 |
| Central Kalimantan | 0.6 | 0.4-0.8 | 6,163 |
| South Kalimantan | 1.0 | 0.8-1.3 | 9,301 |
| East Kalimantan | 2.9 | 2.4-3.5 | 8,850 |
| North Kalimantan | 0.8 | 0.5-1.3 | 1,637 |
| North Sulawesi | 1.9 | 1.5-2.4 | 6,178 |
| Central Sulawesi | 2.5 | 2.0-3.0 | 6,832 |
| South Sulawesi | 2.7 | 2.3-3.1 | 21,208 |
| Southeast Sulawesi | 1.6 | 1.4-1.9 | 5,912 |
| Gorontalo | 1.6 | 1.3-2.1 | 2,753 |
| West Sulawesi | 1.4 | 1.1-1.9 | 3,171 |
| Maluku | 1.4 | 1.1-1.8 | 4,273 |
| North Maluku | 0.8 | 0.6-1.1 | 2,920 |
| West Papua | 1.6 | 1.1-2.3 | 1,219 |
| Southwest Papua | 2.1 | 1.5-2.9 | 1,359 |
| Papua | 1.3 | 0.9-1.7 | 2,059 |
| South Papua | 1.3 | 0.6-2.8 | 982 |
| Central Papua | 2.9 | 1.7-4.8 | 3,249 |
| Highland Papua | 3.0 | 2.0-4.6 | 3,454 |
| INDONESIA | 2.0 | 2.0-2.1 | 630,827 |

**Based on SRQ-20=Self Reporting Questionnaire-20; Cut off point ≥ 6

Table 5.7. Prevalence of Mental Health Issues in the Last Month among Individuals Aged ≥15 by Respondent Characteristic, 2023 SKI

| Characteristic | Mental Health Issues** | | Weighted N |
|--|------------------------|------------|------------|
| | % | 95% CI (%) | |
| Age Range (Year) | | | |
| 15-24 | 2.8 | 2.6-3.1 | 130,977 |
| 25-34 | 1.7 | 1.5-1.9 | 132,645 |
| 35-44 | 1.5 | 1.3-1.6 | 124,836 |
| 45-54 | 1.8 | 1.6-1.9 | 107,685 |
| 55-64 | 2.1 | 1.9-2.3 | 77,553 |
| 65-74 | 2.7 | 2.5-3.0 | 42,219 |
| 75+ | 3.1 | 2.7-3.6 | 14,912 |
| Sex | | | |
| Male | 1.5 | 1.4-1.6 | 316,156 |
| Female | 2.6 | 2.5-2.8 | 314,671 |
| Education | | | |
| Never attended school | 2.6 | 2.3-3.0 | 27,090 |
| Some primary school/Islamic primary school | 2.4 | 2.1-2.7 | 40,315 |
| Primary school/Islamic primary school graduate | 2.4 | 2.2-2.5 | 163,009 |
| Junior secondary school/Islamic junior secondary school graduate | 2.2 | 2.0-2.4 | 134,648 |
| Senior secondary school/Islamic senior secondary school graduate | 1.8 | 1.7-1.9 | 205,030 |
| D1/D2/D3/university graduate | 1.2 | 1.1-1.4 | 60,735 |
| Occupation | | | |
| Unemployed | 2.9 | 2.8-3.1 | 187,265 |
| Student | 2.9 | 2.6-3.2 | 58,605 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 0.7 | 0.5-0.9 | 19,723 |
| Private employee | 1.2 | 1.1-1.4 | 71,965 |
| Self-employed | 1.4 | 1.2-1.5 | 96,764 |
| Farmer/farm worker | 1.3 | 1.2-1.4 | 102,215 |
| Fisher | 1.2 | 0.9-1.7 | 5,074 |
| Labor/driver/domestic help | 2.5 | 2.2-2.9 | 51,213 |
| Others | 1.8 | 1.6-2.1 | 38,002 |
| Residence | | | |
| Urban | 2.4 | 2.2-2.5 | 369,660 |
| Rural | 1.6 | 1.5-1.8 | 261,167 |
| Economic Status | | | |
| Lowest | 2.5 | 2.3-2.7 | 92,202 |
| Lower middle | 2.1 | 2.0-2.3 | 115,108 |
| Middle | 2.0 | 1.9-2.2 | 133,106 |
| Upper middle | 2.0 | 1.8-2.2 | 146,053 |
| Highest | 1.8 | 1.6-1.9 | 144,310 |

**Based on SRQ-20=Self Reporting Questionnaire-20; Cut off point ≥ 6

Table 5.8 Prevalence of Individuals Aged ≥15 Who Had Suicidal Thoughts in the Last Month by Province, 2023 SKI

| Province | Having Suicidal Thoughts** | | Weighted N |
|-------------------------|----------------------------|------------------|----------------|
| | % | 95% CI (%) | |
| Aceh | 0.15 | 0.09-0.22 | 11,858 |
| North Sumatra | 0.23 | 0.16-0.34 | 33,667 |
| West Sumatra | 0.18 | 0.12-0.28 | 12,973 |
| Riau | 0.18 | 0.12-0.28 | 14,408 |
| Jambi | 0.09 | 0.04-0.18 | 7,890 |
| South Sumatra | 0.11 | 0.07-0.17 | 19,282 |
| Bengkulu | 0.08 | 0.03-0.19 | 4,674 |
| Lampung | 0.14 | 0.08-0.25 | 20,646 |
| Bangka Belitung Islands | 0.07 | 0.03-0.17 | 3,439 |
| Riau Islands | 0.12 | 0.07-0.23 | 4,778 |
| DKI Jakarta | 0.44 | 0.28-0.70 | 24,697 |
| West Java | 0.45 | 0.36-0.56 | 113,568 |
| Central Java | 0.18 | 0.14-0.23 | 86,668 |
| DI Yogyakarta | 0.30 | 0.19-0.47 | 8,827 |
| East Java | 0.10 | 0.07-0.14 | 97,746 |
| Banten | 0.36 | 0.21-0.62 | 27,507 |
| Bali | 0.06 | 0.02-0.13 | 10,412 |
| West Nusa Tenggara | 0.22 | 0.11-0.46 | 11,964 |
| East Nusa Tenggara | 0.26 | 0.20-0.35 | 11,779 |
| West Kalimantan | 0.06 | 0.03-0.16 | 12,525 |
| Central Kalimantan | 0.08 | 0.04-0.16 | 6,163 |
| South Kalimantan | 0.08 | 0.05-0.13 | 9,301 |
| East Kalimantan | 0.50 | 0.35-0.69 | 8,850 |
| North Kalimantan | 0.23 | 0.10-0.54 | 1,637 |
| North Sulawesi | 0.23 | 0.13-0.42 | 6,178 |
| Central Sulawesi | 0.35 | 0.25-0.51 | 6,832 |
| South Sulawesi | 0.29 | 0.20-0.41 | 21,208 |
| Southeast Sulawesi | 0.24 | 0.16-0.37 | 5,912 |
| Gorontalo | 0.11 | 0.04-0.28 | 2,753 |
| West Sulawesi | 0.21 | 0.11-0.42 | 3,171 |
| Maluku | 0.17 | 0.10-0.31 | 4,273 |
| North Maluku | 0.18 | 0.10-0.31 | 2,920 |
| West Papua | 0.57 | 0.14-2.38 | 1,219 |
| Southwest Papua | 0.40 | 0.17-0.92 | 1,359 |
| Papua | 0.24 | 0.06-0.89 | 2,059 |
| South Papua | 0.18 | 0.07-0.43 | 982 |
| Central Papua | 1.64 | 0.78-3.44 | 3,249 |
| Highland Papua | 0.21 | 0.09-0.46 | 3,454 |
| INDONESIA | 0.25 | 0.22-0.27 | 630,827 |

**Based on SRQ-20=Self Reporting Questionnaire-20; Question C-29

Table 5.9 Prevalence of Individuals Aged ≥15 Who Had Suicidal Thoughts in the Last Month by Respondent Characteristic, 2023 SKI

| Characteristic | Having Suicidal Thoughts** | | Weighted N |
|--|----------------------------|------------|------------|
| | % | 95% CI (%) | |
| Age Range (Year) | | | |
| 15-24 | 0.39 | 0.33-0.48 | 130,977 |
| 25-34 | 0.22 | 0.17-0.28 | 132,645 |
| 35-44 | 0.19 | 0.15-0.23 | 124,836 |
| 45-54 | 0.19 | 0.15-0.24 | 107,685 |
| 55-64 | 0.20 | 0.15-0.25 | 77,553 |
| 65-74 | 0.28 | 0.20-0.38 | 42,219 |
| 75+ | 0.27 | 0.16-0.45 | 14,912 |
| Sex | | | |
| Male | 0.17 | 0.14-0.20 | 316,156 |
| Female | 0.33 | 0.29-0.37 | 314,671 |
| Education | | | |
| Never attended school | 0.38 | 0.26-0.54 | 27,090 |
| Some primary school/Islamic primary school | 0.28 | 0.20-0.38 | 40,315 |
| Primary school/Islamic primary school graduate | 0.27 | 0.22-0.32 | 163,009 |
| Junior secondary school/Islamic junior secondary school graduate | 0.28 | 0.23-0.34 | 134,648 |
| Senior secondary school/Islamic senior secondary school graduate | 0.22 | 0.18-0.26 | 205,030 |
| D1/D2/D3/university graduate | 0.14 | 0.10-0.20 | 60,735 |
| Occupation | | | |
| Unemployed | 0.40 | 0.34-0.46 | 187,265 |
| Student | 0.41 | 0.32-0.52 | 58,605 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 0.10 | 0.06-0.18 | 19,723 |
| Private employee | 0.11 | 0.07-0.16 | 71,965 |
| Self-employed | 0.13 | 0.09-0.18 | 96,764 |
| Farmer/farm worker | 0.15 | 0.12-0.18 | 102,215 |
| Fisher | 0.12 | 0.05-0.26 | 5,074 |
| Labor/driver/domestic help | 0.25 | 0.17-0.37 | 51,213 |
| Others | 0.19 | 0.14-0.25 | 38,002 |
| Residence | | | |
| Urban | 0.30 | 0.26-0.34 | 369,660 |
| Rural | 0.17 | 0.15-0.20 | 261,167 |
| Economic Status | | | |
| Lowest | 0.32 | 0.26-0.40 | 92,202 |
| Lower middle | 0.25 | 0.20-0.31 | 115,108 |
| Middle | 0.22 | 0.18-0.26 | 133,106 |
| Upper middle | 0.25 | 0.20-0.31 | 146,053 |
| Highest | 0.23 | 0.18-0.30 | 144,310 |

**Based on SRQ-20=Self Reporting Questionnaire-20; Question C-29

5.4. HEALTHCARE AND NON-HEALTHCARE FACILITIES USED IN PSYCHOSIS/SCHIZOPHRENIA TREATMENT

Households with members who have psychosis/schizophrenia may utilize healthcare services such as treatment at healthcare facilities (hospitals, *puskesmas*, clinics, independent doctor practices) or other forms of care at non-healthcare facilities (religious-based rehabilitation centers, religious leaders, social shelters, etc.), whether completed or ongoing.

The proportion of types of healthcare services utilized by households with members having psychosis/schizophrenia is calculated using the following formula:

Proportion of types of healthcare services utilized by households with members having psychosis/schizophrenia:

$$= \frac{\Sigma \text{ types of healthcare services utilized}}{\Sigma \text{ households with members having psychosis/schizophrenia}}$$

The treatment of psychosis/schizophrenia in the last month is asked to the head of households with members receiving treatment at healthcare facilities, calculated using the formula:

Proportion of households with members having psychosis/schizophrenia symptoms who received treatment in the last month

$$= \frac{\Sigma \text{ households with members having psychosis/schizophrenia symptoms who received treatment in the last month}}{\Sigma \text{ households with members having psychosis/schizophrenia}}$$

Regular treatment of psychosis/schizophrenia in the last month is asked to the head of households with members who are taking/injecting medication as per the doctor's instructions at healthcare facilities, calculated using the formula:

Proportion of households with members having psychosis/schizophrenia who received regular treatment in the last month

$$= \frac{\Sigma \text{ households with members having psychosis/schizophrenia who received regular treatment in the last month}}{\Sigma \text{ households with members having psychosis/schizophrenia who received treatment in the last month}}$$

Table 5.10 Proportion of Types of Service Facilities Used by Households with Members Having Psychosis/Schizophrenia by Household Characteristic, 2023 SKI

| Household Characteristic | Types of Health Facility | | | | | | | | Weighted N |
|--------------------------|-------------------------------|-----------------------------------|------------|--|-------------|---|------------|-----------------|------------|
| | Only at Healthcare Facilities | Only at Non-Healthcare Facilities | | At Both Healthcare and Non-Healthcare Facilities | | Not Receiving Treatment at Either Healthcare or Non-Healthcare Facilities | | | |
| | % | 95% CI (%) | % | 95% CI (%) | % | 95% CI (%) | % | 95% CI (%) | |
| Residence | | | | | | | | | |
| Urban | 60.9 | 55.3-66.3 | 0.7 | 0.3-1.9 | 32.7 | 27.8-38.1 | 5.6 | 3.6-8.5 | 514 |
| Rural | 60.3 | 54.2-66.1 | 0.0 | 0.0-0.0 | 28.2 | 23.1-33.9 | 11.5 | 8.8-14.8 | 330 |
| Economic Status | | | | | | | | | |
| Lowest | 57.6 | 50.1-64.7 | 0.5 | 0.1-3.2 | 33.2 | 26.8-40.3 | 8.8 | 5.5-13.7 | 265 |
| Lower middle | 59.9 | 52.6-66.7 | 1.0 | 0.3-3.3 | 26.5 | 20.6-33.5 | 12.6 | 9.2-16.9 | 195 |
| Middle | 62.7 | 52.1-72.2 | 0.0 | 0.0-0.0 | 33.6 | 24.6-44.1 | 3.7 | 1.4-9.4 | 175 |
| Upper middle | 62.7 | 52.1-72.3 | 0.5 | 0.1-3.2 | 33.9 | 24.4-44.8 | 2.9 | 1.6-5.3 | 122 |
| Highest | 65.4 | 49.0-78.8 | 0-0 | 0.0-0.0 | 24.6 | 12.7-42.2 | 10.0 | 5.4-17.8 | 87 |
| INDONESIA | 60.7 | 56.6-64.7 | 0.5 | 0.2-1.1 | 31.0 | 27.3-34.0 | 7.9 | 6.2-10.0 | 844 |

Table 5.11 Proportion of Households with Members Having Psychosis/Schizophrenia Who Received Treatment in the Last Month and Regular Treatment in the Last Month at Healthcare Facilities by Household Characteristic, 2023 SKI

| Household Characteristic | Took/Received Injection Medication in the Last Month at Healthcare Facilities | | | Regularly Took/Received Injection Medication in the Last Month at Healthcare Facilities | | |
|--------------------------|---|---|-------------|---|--|------------|
| | Yes, All Took/Received Medication (%) | Yes, Not All Took/Received Medication (%) | No (%) | Weighted N | Yes, All Took Medication n Regularly (%) | Weighted N |
| | | | | | | |
| Residence | | | | | | |
| Urban | 63.0 | 6.0 | 31.0 | 482 | 92.1 | 333 |
| Rural | 44.1 | 8.6 | 47.4 | 292 | 83.6 | 154 |
| Economic Status | | | | | | |
| Lowest | 49.0 | 6.6 | 44.4 | 241 | 85.3 | 134 |
| Lower middle | 52.1 | 7.6 | 40.2 | 168 | 86.4 | 101 |
| Middle | 54.9 | 5.9 | 39.3 | 169 | 92.6 | 103 |
| Upper middle | 67.2 | 9.1 | 23.7 | 118 | 89.3 | 90 |
| Highest | 70.4 | 5.7 | 23.9 | 78 | 98.6 | 59 |
| INDONESIA | 55.9 | 7.0 | 37.2 | 774 | 89.4 | 486 |

Table 5.12 Main Reasons for Non-Compliance in Medication among Households with Members Having Psychosis/Schizophrenia Receiving Treatment at Healthcare Facilities, 2023 SKI

| Reason | Non-Compliance in Medication (%) | Weighted N |
|---|----------------------------------|------------|
| Feeling healthy already | 25.4 | 51 |
| Medication unavailable at healthcare facilities (hospital/puskesmas/pharmacy) | 6.8 | 51 |
| Cannot tolerate medication side effects | 5.9 | 51 |
| Taking traditional medicine | 2.6 | 51 |
| Bored/lazy/forgetful | 27.5 | 51 |
| Others | 31.9 | 51 |

5.5. PEOPLE WITH DEPRESSION RECEIVING TREATMENT

This section shows the proportion of individuals aged ≥ 15 with depression who received treatment in the last two weeks. Depression treatment in the 2023 SKI is assessed based on the proportion of individuals aged ≥ 15 who experienced depression in the last two weeks and sought treatment or received other interventions for their symptoms from a doctor or healthcare professional at a healthcare facility.

The proportion of individuals aged ≥ 15 with depression who received treatment in the last two weeks is calculated using the following formula:

Proportion of individuals aged ≥ 15 with depression who received treatment in the last two weeks

$$= \frac{\sum \text{individuals aged } \geq 15 \text{ with depression who received treatment}}{\sum \text{individuals aged } \geq 15 \text{ with depression}}$$

Table 5.13 Proportion of Individuals Aged ≥15 with Depression Who Received Treatment in the Last Two Weeks by Province, 2023 SKI

| Province | Depression, Receiving Treatment % | 95% CI (%) | Weighted N |
|-------------------------|--------------------------------------|------------------|--------------|
| Aceh | 27.0 | 18.9-37.1 | 100 |
| North Sumatra | 19.9 | 9.7-36.4 | 417 |
| West Sumatra | 18.2 | 11.6-27.2 | 98 |
| Riau | 12.6 | 6.8-22.1 | 92 |
| Jambi | 33.5 | 18.0-53.7 | 21* |
| South Sumatra | 20.2 | 13.1-29.8 | 91 |
| Bengkulu | 11.7 | 5.6-22.8 | 26* |
| Lampung | 14.8 | 7.0-28.6 | 99 |
| Bangka Belitung Islands | 14.0 | 5.4-31.6 | 10* |
| Riau Islands | 9.9 | 6.1-15.6 | 24* |
| DKI Jakarta | 25.1 | 17.8-34.3 | 380 |
| West Java | 8.7 | 6.9-10.9 | 3,748 |
| Central Java | 14.1 | 10.5-18.6 | 897 |
| DI Yogyakarta | 12.7 | 7.4-21.0 | 128 |
| East Java | 14.0 | 10.2-18.8 | 648 |
| Banten | 15.4 | 9.5-23.9 | 479 |
| Bali | 10.4 | 5.6-18.3 | 16* |
| West Nusa Tenggara | 7.5 | 4.5-12.2 | 156 |
| East Nusa Tenggara | 9.9 | 7.1-13.6 | 129 |
| West Kalimantan | 12.6 | 5.8-25.1 | 60 |
| Central Kalimantan | 15.6 | 6.7-32.3 | 17* |
| South Kalimantan | 15.2 | 8.2-26.3 | 49* |
| East Kalimantan | 9.0 | 5.4-14.6 | 192 |
| North Kalimantan | 14.1 | 3.0-46.4 | 8* |
| North Sulawesi | 11.1 | 7.0-17.3 | 83 |
| Central Sulawesi | 16.1 | 11.4-22.3 | 102 |
| South Sulawesi | 13.0 | 9.3-17.7 | 363 |
| Southeast Sulawesi | 17.0 | 11.2-25.1 | 47* |
| Gorontalo | 25.1 | 14.5-39.9 | 29* |
| West Sulawesi | 34.0 | 17.7-55.2 | 20* |
| Maluku | 6.1 | 2.5-14.4 | 29* |
| North Maluku | 11.2 | 5.7-20.9 | 19* |
| West Papua | 18.2 | 11.4-27.9 | 8* |
| Southwest Papua | 12.2 | 4.3-29.9 | 15* |
| Papua | 3.3 | 1.2-8.7 | 12* |
| South Papua | 7.3 | 0.9-39.1 | 5* |
| Central Papua | 34.4 | 24.5-45.8 | 34* |
| Highland Papua | 47.9 | 16.4-81.3 | 29* |
| INDONESIA | 12.7 | 11.3-14.2 | 8,680 |

*Weighted N < 50

Table 5.14 Proportion of Individuals Aged ≥15 with Depression Who Received Treatment in the Last Two Weeks by Characteristic, 2023 SKI

| Characteristic | Depression, Receiving Treatment | | Weighted N |
|--|---------------------------------|------------|------------|
| | % | 95% CI (%) | |
| Age Range (Year) | | | |
| 15-24 | 10.4 | 7.7-14.0 | 2,572 |
| 25-34 | 11.7 | 9.0-15.0 | 1,724 |
| 35-44 | 13.8 | 10.9-17.2 | 1,240 |
| 45-54 | 12.3 | 9.5-15.7 | 1,226 |
| 55-64 | 17.7 | 13.9-22.2 | 962 |
| 65-74 | 15.4 | 11.2-20.7 | 676 |
| 75+ | 14.3 | 8.8-22.3 | 281 |
| Sex | | | |
| Male | 12.5 | 10.6-14.6 | 3,161 |
| Female | 12.9 | 11.1-14.9 | 5,519 |
| Education | | | |
| Never attended school | 18.0 | 12.5-25.3 | 404 |
| Some primary school/Islamic primary school | 12.6 | 9.0-17.3 | 601 |
| Primary school/Islamic primary school graduate | 14.7 | 11.7-18.3 | 2,473 |
| Junior secondary school/Islamic junior secondary school graduate | 10.4 | 8.3-13.0 | 2,024 |
| Senior secondary school/Islamic senior secondary school graduate | 11.4 | 9.4-13.8 | 2,725 |
| D1/D2/D3/university graduate | 15.5 | 10.3-22.7 | 454 |
| Occupation | | | |
| Unemployed | 14.7 | 12.5-17.3 | 3,805 |
| Student | 9.3 | 6.4-13.2 | 1,176 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 11.4 | 5.9-20.8 | 49* |
| Private employee | 10.8 | 7.0-16.3 | 714 |
| Self-employed | 8.6 | 6.0-12.1 | 955 |
| Farmer/farm worker | 14.6 | 11.0-19.1 | 722 |
| Fisher | 13.5 | 4.2-35.4 | 38* |
| Labor/driver/domestic help | 13.4 | 9.4-18.7 | 816 |
| Others | 12.6 | 7.8-19.7 | 404 |
| Residence | | | |
| Urban | 11.7 | 10.3-13.3 | 6,289 |
| Rural | 15.3 | 12.2-19.0 | 2,392 |
| Economic Status | | | |
| Lowest | 12.6 | 9.8-16.1 | 1,479 |
| Lower middle | 15.3 | 12.4-18.7 | 1,542 |
| Middle | 12.2 | 9.8-15.1 | 1,784 |
| Upper middle | 11.6 | 8.4-15.8 | 2,077 |
| Highest | 12.4 | 9.6-15.9 | 1,798 |

*Weighted N < 50

CHAPTER 6

COMMUNICABLE DISEASES

This chapter contains several indicators related to communicable diseases, specifically those associated with Sustainable Development Goals (SDGs), the Ministry of Health's Strategic Plan 2020-2024, the Healthy Indonesia Program – Family Approach (PIS-PK), and the Healthy Community Movement (Germas). Data collection was carried out through interviews and laboratory examinations.

The purpose of the interviews regarding diseases was to obtain information on the prevalence of diseases based on the history of diagnosis by healthcare professionals and the history of having experienced signs and symptoms of the diseases recorded. Respondents were asked if they had ever been diagnosed with a specific disease by a healthcare professional (**D: diagnosis**). Those who stated they had never been diagnosed were further asked if they had ever experienced or were currently experiencing specific clinical symptoms of the disease (**G: symptoms**).

Diseases recorded based solely on the history of diagnosis by doctors (both specialists and general practitioners) include **pulmonary tuberculosis** and **hepatitis**. For **diarrhea**, **acute respiratory infections (ARI)**, **pneumonia**, **malaria**, **dengue hemorrhagic fever (DHF)**, and **filariasis**, the history of diagnosis by healthcare professionals (specialists, general practitioners, midwives, and nurses) is used. In addition to the diagnosis history by healthcare professionals, diarrhea, ARI, and pneumonia are also measured through experienced symptoms. Laboratory examinations aim to measure disease prevalence and are conducted in two stages:

1. Malaria through rapid diagnostic tests (RDT) and thick blood smear (fever within 2 days before SKI data collection, 2023) performed on respondents of all ages.
2. Vaccine-preventable diseases (VPDs) including diphtheria, pertussis, measles, rubella, hepatitis b, and tetanus according to age group priorities.

The analysis results are presented in cross-tabulated tables with several key variables, such as province and various individual characteristics (age groups, education, employment, and urban vs. rural status). This aims to provide an overview of program intervention outcomes and offer intervention options based on regional and population characteristics.

In addition to interviews, this chapter also presents the results of field laboratory examinations, where blood specimens were taken from respondents who had been interviewed, followed by rapid tests and/or laboratory examinations. Interview data and information can represent up to the district/city level, while blood examination results are only represented at the national level.

6.1. DIARRHEA

In the 2023 SKI, diarrhea cases were measured through interviews with respondents of all age groups. Respondents were asked about diagnoses made by healthcare professionals (doctors/nurses/midwives) and about any symptoms they had experienced in the last month.

The prevalence of diarrhea was calculated by combining both diagnosed cases and those with symptoms alone. For infants aged 0-28 days (neonates), a case of diarrhea was recorded if the respondent reported being diagnosed with diarrhea by a healthcare professional or if they had experienced symptoms of diarrhea, such as having more than three bowel movements per day with a loose or watery consistency. For non-neonates, if the respondent reported more than three bowel movements per day with a loose or watery consistency, it was considered diarrhea.

$$\text{Prevalence of diarrhea} = \frac{\sum \text{Diarrhea cases (diagnosis and/or symptoms) in the last month}}{\sum \text{Household members of all ages (diagnosis and/or symptoms in the last month)}}$$
$$\text{Prevalence of diarrhea (children under five)} = \frac{\sum \text{Diarrhea cases (diagnosis and/or symptoms) children under five in the last month (0 - 59 months)}}{\sum \text{Children under five}}$$
$$\text{Proportion of oralit (oral rehydration solution) usage} = \frac{\sum \text{Diarrhea cases (diagnosis and/or symptoms) using oralit}}{\sum \text{Diarrhea cases (diagnosis and/or symptoms)}}$$

Table 6.1 Prevalence of Diarrhea in All Ages by Province, 2023 SKI

| Province | Prevalence of Diarrhea | | | | Weighted N |
|-------------------------|------------------------|------------------|------------|------------------|----------------|
| | D | D/G | % | 95% CI | |
| | % | | 95% CI | | |
| Aceh | 2.5 | 2.2 - 2.9 | 4.2 | 3.7 - 4.7 | 17,271 |
| North Sumatra | 2.3 | 2.1 - 2.6 | 4.7 | 4.1 - 5.4 | 48,469 |
| West Sumatra | 2.2 | 1.9 - 2.5 | 3.9 | 3.5 - 4.3 | 18,138 |
| Riau | 1.3 | 1.1 - 1.5 | 2.6 | 2.2 - 3.0 | 20,925 |
| Jambi | 1.4 | 1.2 - 1.8 | 2.3 | 1.9 - 2.8 | 11,588 |
| South Sumatra | 1.8 | 1.6 - 2.1 | 3.1 | 2.8 - 3.5 | 27,532 |
| Bengkulu | 1.8 | 1.5 - 2.1 | 3.5 | 3.0 - 4.1 | 6,571 |
| Lampung | 1.7 | 1.4 - 2.0 | 2.8 | 2.5 - 3.2 | 29,331 |
| Bangka Belitung Islands | 0.9 | 0.7 - 1.1 | 2.3 | 1.8 - 2.8 | 4,763 |
| Riau Islands | 0.8 | 0.6 - 1.2 | 2.1 | 1.7 - 2.7 | 6,782 |
| DKI Jakarta | 1.3 | 1.0 - 1.6 | 3.4 | 2.8 - 4.3 | 33,552 |
| West Java | 2.6 | 2.4 - 2.8 | 5.8 | 5.4 - 6.2 | 156,977 |
| Central Java | 1.6 | 1.4 - 1.7 | 3.6 | 3.4 - 3.9 | 118,184 |
| DI Yogyakarta | 1.1 | 0.9 - 1.4 | 3.2 | 2.8 - 3.6 | 11,757 |
| East Java | 1.8 | 1.7 - 2.0 | 3.8 | 3.6 - 4.1 | 130,683 |
| Banten | 2.4 | 2.0 - 2.8 | 5.7 | 4.7 - 6.9 | 38,751 |
| Bali | 1.3 | 1.1 - 1.6 | 2.4 | 2.1 - 2.8 | 13,859 |
| West Nusa Tenggara | 1.8 | 1.6 - 2.2 | 4.2 | 3.6 - 4.8 | 17,522 |
| East Nusa Tenggara | 1.5 | 1.3 - 1.6 | 4.0 | 3.5 - 4.5 | 17,550 |
| West Kalimantan | 1.6 | 1.3 - 2.0 | 3.4 | 2.9 - 3.9 | 17,713 |
| Central Kalimantan | 1.3 | 1.1 - 1.7 | 2.7 | 2.3 - 3.2 | 8,737 |
| South Kalimantan | 1.5 | 1.3 - 1.7 | 3.2 | 2.9 - 3.6 | 13,299 |
| East Kalimantan | 1.6 | 1.3 - 1.9 | 4.2 | 3.6 - 4.8 | 12,360 |
| North Kalimantan | 0.9 | 0.7 - 1.3 | 2.2 | 1.6 - 3.1 | 2,300 |
| North Sulawesi | 1.3 | 1.1 - 1.5 | 3.6 | 3.2 - 4.1 | 8,439 |
| Central Sulawesi | 1.9 | 1.6 - 2.2 | 4.5 | 3.9 - 5.2 | 9,721 |
| South Sulawesi | 1.8 | 1.6 - 2.0 | 5.6 | 5.1 - 6.1 | 29,481 |
| Southeast Sulawesi | 1.2 | 1.0 - 1.4 | 3.4 | 3.0 - 3.8 | 8,664 |
| Gorontalo | 2.1 | 1.7 - 2.6 | 4.3 | 3.7 - 5.0 | 3,821 |
| West Sulawesi | 1.9 | 1.4 - 2.6 | 4.5 | 3.7 - 5.4 | 4,667 |
| Maluku | 0.9 | 0.8 - 1.2 | 2.6 | 2.1 - 3.3 | 6,050 |
| North Maluku | 2.0 | 1.6 - 2.4 | 2.9 | 2.5 - 3.5 | 4,213 |
| West Papua | 1.4 | 1.0 - 1.9 | 3.1 | 2.4 - 3.9 | 1,795 |
| Southwest Papua | 2.4 | 1.8 - 3.3 | 5.1 | 4.1 - 6.4 | 1,947 |
| Papua | 2.2 | 1.8 - 2.8 | 4.1 | 3.4 - 4.9 | 3,299 |
| South Papua | 4.2 | 3.2 - 5.4 | 7.6 | 6.3 - 9.2 | 1,684 |
| Central Papua | 13.0 | 8.7 - 19.1 | 16.1 | 11.5 - 22 | 4,577 |
| Highland Papua | 10.4 | 8.5 - 12.7 | 14.6 | 11.9 - 17.8 | 4,563 |
| INDONESIA | 2.0 | 1.9 - 2.1 | 4.3 | 4.2 - 4.4 | 877,531 |

Table 6.2 Prevalence of Diarrhea by Characteristic, 2023 SKI

| Characteristic | Diarrhea | | | | Weighted N |
|--|----------|---------------|----------|-----------|------------|
| | D % | D/G 95% CI | D/G % | 95% CI | |
| Age Range (Year) | | | | | |
| < 1 | 3.9 | 3.4 - 4.4 | 6.4 | 5.8 - 7.1 | 11,518 |
| 1-4 | 5.2 | 4.9 - 5.4 | 7.6 | 7.3 - 8.0 | 59,253 |
| 5-14 | 1.8 | 1.7 - 1.9 | 3.7 | 3.5 - 3.8 | 138,465 |
| 15-24 | 1.5 | 1.4 - 1.7 | 4.1 | 3.8 - 4.4 | 139,891 |
| 25-34 | 1.6 | 1.4 - 1.7 | 3.8 | 3.6 - 4.1 | 140,206 |
| 35-44 | 1.5 | 1.4 - 1.7 | 3.7 | 3.4 - 3.9 | 131,595 |
| 45-54 | 1.8 | 1.6 - 1.9 | 4.0 | 3.8 - 4.2 | 113,367 |
| 55-64 | 2.3 | 2.1 - 2.5 | 4.7 | 4.5 - 5.0 | 81,723 |
| 65-74 | 2.3 | 2.0 - 2.5 | 4.7 | 4.4 - 5.1 | 44,881 |
| 75+ | 2.4 | 2.0 - 2.8 | 5.1 | 4.5 - 5.6 | 16,632 |
| Sex | | | | | |
| Male | 1.8 | 1.7 - 1.9 | 4.0 | 3.8 - 4.1 | 443,261 |
| Female | 2.2 | 2.1 - 2.3 | 4.6 | 4.5 - 4.7 | 434,270 |
| Education | | | | | |
| Never attended school | 2.3 | 2.1 - 2.4 | 4.5 | 7.1 - 7.8 | 69,130 |
| Some primary school/Islamic primary school | 1.9 | 1.7 - 2.1 | 4.0 | 4.2 - 4.8 | 115,061 |
| Primary school/Islamic primary school graduate | 1.9 | 1.8 - 2.0 | 4.1 | 3.8 - 4.3 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 1.5 | 1.4 - 1.7 | 3.9 | 3.9 - 4.3 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 1.6 | 1.4 - 1.7 | 3.9 | 3.7 - 4.1 | 216,658 |
| D1/D2/D3/university graduate | 1.4 | 1.3 - 1.6 | 3.8 | 3.7 - 4.1 | 64,050 |
| Occupation | | | | | |
| Unemployed | 2.1 | 1.9 - 2.2 | 4.7 | 4.5 - 4.9 | 213,116 |
| Student | 1.4 | 1.3 - 1.6 | 3.7 | 3.5 - 4.0 | 117,785 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 1.4 | 1.2 - 1.6 | 3.5 | 3.1 - 3.8 | 20,811 |
| Private employee | 1.2 | 1.0 - 1.4 | 3.5 | 3.2 - 3.8 | 76,283 |
| Self-employed | 1.5 | 1.4 - 1.7 | 3.7 | 3.5 - 4.0 | 102,060 |
| Farmer/farm worker | 2.0 | 1.8 - 2.3 | 3.9 | 3.7 - 4.2 | 107,876 |
| Fisher | 1.6 | 1.1 - 2.2 | 3.9 | 3.1 - 5.0 | 5,358 |
| Labor/driver/domestic help | 1.4 | 1.2 - 1.6 | 3.8 | 3.4 - 4.3 | 54,102 |
| Others | 1.8 | 1.6 - 2.0 | 4.0 | 3.7 - 4.3 | 40,262 |
| Residence | | | | | |
| Urban | 1.9 | 1.9 - 2.0 | 4.5 | 4.3 - 4.6 | 512,403 |
| Rural | 2.1 | 2.0 - 2.2 | 4.0 | 3.9 - 4.2 | 365,128 |
| Economic Status | | | | | |
| Lowest | 2.7 | 2.4 - 2.9 | 5.0 | 4.7 - 5.3 | 125,275 |
| Lower middle | 1.9 | 1.8 - 2.0 | 4.1 | 3.9 - 4.3 | 158,606 |
| Middle | 1.9 | 1.8 - 2.0 | 4.2 | 4.0 - 4.5 | 185,555 |
| Upper middle | 1.9 | 1.8 - 2.1 | 4.2 | 4.0 - 4.4 | 204,817 |
| Highest | 1.8 | 1.7 - 1.9 | 4.2 | 4.0 - 4.4 | 203,216 |

Table 6.3. Prevalence of Diarrhea in Children Under Five by Province, 2023 SKI

| Province | Prevalence of Diarrhea | | | | Weighted N |
|-------------------------|---------------------------|------------------|------------|------------------|---------------|
| | D | D/G | % | 95% CI | |
| | % | 95% CI | % | 95% CI | |
| Aceh | 4.3 | 3.5 - 5.3 | 6.0 | 5.0 - 7.0 | 1,930 |
| North Sumatra | 4.8 | 4.0 - 5.7 | 7.2 | 6.2 - 8.4 | 5,446 |
| West Sumatra | 5.1 | 4.1 - 6.3 | 6.8 | 5.7 - 8.2 | 1,910 |
| Riau | 2.5 | 1.9 - 3.4 | 3.8 | 3.0 - 4.9 | 2,290 |
| Jambi | 3.3 | 2.4 - 4.6 | 4.4 | 3.3 - 5.8 | 1,229 |
| South Sumatra | 4.5 | 3.6 - 5.5 | 5.9 | 4.9 - 7.2 | 2,856 |
| Bengkulu | 2.6 | 1.7 - 3.8 | 4.1 | 3.0 - 5.7 | 696 |
| Lampung | 4.8 | 3.7 - 6.1 | 6.2 | 4.9 - 7.8 | 3,023 |
| Bangka Belitung Islands | 1.8 | 1.1 - 2.9 | 3.8 | 2.5 - 5.6 | 489 |
| Riau Islands | 1.4 | 0.8 - 2.4 | 4.2 | 2.7 - 6.2 | 738 |
| DKI Jakarta | 4.1 | 2.5 - 6.6 | 5.9 | 4.0 - 8.8 | 2,893 |
| West Java | 7.1 | 6.3 - 8.1 | 11.0 | 9.9 - 12.2 | 15,291 |
| Central Java | 4.2 | 3.6 - 4.9 | 6.5 | 5.8 - 7.4 | 10,716 |
| DI Yogyakarta | 2.9 | 1.7 - 4.9 | 3.9 | 2.5 - 6.1 | 930 |
| East Java | 4.8 | 4.1 - 5.6 | 6.5 | 5.7 - 7.4 | 11,052 |
| Banten | 5.6 | 4.3 - 7.3 | 8.2 | 6.5 - 10.3 | 3,819 |
| Bali | 3.4 | 2.5 - 4.6 | 4.9 | 3.7 - 6.4 | 1,205 |
| West Nusa Tenggara | 5.3 | 4.0 - 6.9 | 8.9 | 6.9 - 11.5 | 1,953 |
| East Nusa Tenggara | 4.5 | 3.8 - 5.3 | 7.5 | 6.6 - 8.6 | 2,191 |
| West Kalimantan | 3.3 | 2.5 - 4.5 | 4.8 | 3.7 - 6.1 | 1,892 |
| Central Kalimantan | 2.8 | 2.0 - 4.0 | 4.6 | 3.4 - 6.2 | 923 |
| South Kalimantan | 4.1 | 3.1 - 5.3 | 5.9 | 4.8 - 7.4 | 1,389 |
| East Kalimantan | 4.7 | 3.4 - 6.5 | 7.8 | 6.1 - 10 | 1,247 |
| North Kalimantan | 2.2 | 1.3 - 3.7 | 3.6 | 2.2 - 5.7 | 245 |
| North Sulawesi | 2.7 | 2.0 - 3.8 | 5.5 | 4.1 - 7.2 | 766 |
| Central Sulawesi | 5.5 | 4.4 - 6.9 | 7.9 | 6.5 - 9.6 | 1,044 |
| South Sulawesi | 5.3 | 4.5 - 6.4 | 9.1 | 7.9 - 10.4 | 2,990 |
| Southeast Sulawesi | 2.7 | 2.1 - 3.6 | 5.3 | 4.3 - 6.6 | 1,018 |
| Gorontalo | 6.4 | 4.5 - 8.9 | 9.2 | 7.0 - 12.0 | 402 |
| West Sulawesi | 6.4 | 4.0 - 10.0 | 8.8 | 6.3 - 12.3 | 553 |
| Maluku | 2.4 | 1.6 - 3.5 | 4.7 | 3.4 - 6.3 | 682 |
| North Maluku | 4.3 | 3.2 - 5.9 | 5.1 | 3.9 - 6.7 | 477 |
| West Papua | 3.7 | 2.2 - 6.3 | 5.7 | 3.9 - 8.2 | 212 |
| Southwest Papua | 4.7 | 3.2 - 7.0 | 7.3 | 5.3 - 9.9 | 230 |
| Papua | 4.2 | 2.9 - 6.1 | 5.5 | 3.9 - 7.7 | 433 |
| South Papua | 7.1 | 4.8 - 10.5 | 9.1 | 6.5 - 12.5 | 288 |
| Central Papua | 8.7 | 6.1 - 12.4 | 17.8 | 12.9 - 24.1 | 467 |
| Highland Papua | 17.5 | 13.8 - 21.8 | 23.5 | 18.9 - 28.9 | 450 |
| INDONESIA | 4.9 | 4.7 - 5.2 | 7.4 | 7.1 - 7.8 | 86,364 |

Table 6.4 Prevalence of Diarrhea in Children Under Five by Characteristic, 2023 SKI

| Province | Diarrhea in Children Under Five | | | | Weighted N |
|--------------------------|---------------------------------|-----------|----------|-------------|------------|
| | D % | 95% CI | D/G % | 95% CI | |
| Age Range (Month) | | | | | |
| 0-11 | 3.9 | 3.4 - 4.4 | 6.4 | 5.8 - 7.1 | 14,055 |
| 12-23 | 7.9 | 7.2 - 8.6 | 10.9 | 10.1 - 11.8 | 16,233 |
| 24-35 | 5.7 | 5.1 - 6.3 | 8.4 | 7.7 - 9.1 | 17,576 |
| 36-47 | 4.3 | 3.8 - 4.8 | 6.7 | 6.1 - 7.3 | 19,066 |
| 48-59 | 3.3 | 2.9 - 3.8 | 5.2 | 4.7 - 5.7 | 19,433 |
| Sex | | | | | |
| Male | 5.2 | 4.8 - 5.6 | 7.8 | 7.3 - 8.2 | 44,099 |
| Female | 4.7 | 4.4 - 5.0 | 7.1 | 6.7 - 7.5 | 42,265 |
| Residence | | | | | |
| Urban | 5.2 | 4.8 - 5.6 | 7.9 | 7.4 - 8.3 | 49,503 |
| Rural | 4.6 | 4.3 - 5.0 | 6.9 | 6.4 - 7.3 | 36,861 |
| Economic Status | | | | | |
| Lowest | 6.0 | 5.3 - 6.7 | 8.8 | 8 - 9.6 | 10,785 |
| Lower middle | 5.2 | 4.6 - 5.8 | 8.0 | 7.3 - 8.7 | 14,606 |
| Middle | 5.0 | 4.4 - 5.5 | 7.3 | 6.7 - 8.0 | 17,861 |
| Upper middle | 4.7 | 4.2 - 5.2 | 7.1 | 6.5 - 7.8 | 20,789 |
| Highest | 4.5 | 4.0 - 5.0 | 6.8 | 6.2 - 7.4 | 22,320 |

Table 6.5 Proportion of Oral Rehydration Solution (ORS), Zinc, and Other Treatments for Diarrhea in Children Under Five by Characteristic, 2023 SKI

| Characteristic | Diarrhea Treatment for Children Under Five (%) | | | | | | Weighted N |
|--------------------------|--|-------------|---------------------------|-------------|-------------|--------------------|--------------|
| | ORS | Zinc | Anti-Diarrheal Medication | Antibiotics | Probiotics | Herbal/Traditional | |
| Age Range (Month) | | | | | | | |
| 0-11 | 27.8 | 27.6 | 37.5 | 21.8 | 13.6 | 6.5 | 802 |
| 12-23 | 38.8 | 35.7 | 46.0 | 27.4 | 16.6 | 6.8 | 1,578 |
| 24-35 | 35.8 | 34.3 | 46.9 | 26.6 | 11.2 | 6.6 | 1,312 |
| 36-47 | 35.6 | 27.0 | 48.8 | 26.2 | 11.3 | 8.2 | 1,134 |
| 48-59 | 40.5 | 30.4 | 48.4 | 27.1 | 14.0 | 6.9 | 900 |
| Sex | | | | | | | |
| Male | 36.1 | 30.6 | 48.2 | 26.7 | 12.7 | 7.2 | 3,055 |
| Female | 36.3 | 32.9 | 43.3 | 25.5 | 14.3 | 6.8 | 2,671 |
| Residence | | | | | | | |
| Urban | 34.2 | 30.4 | 46.5 | 26.9 | 16.1 | 5.9 | 3,474 |
| Rural | 39.3 | 33.7 | 45.1 | 25.0 | 9.4 | 8.7 | 2,252 |
| Economic Status | | | | | | | |
| Lowest | 49.2 | 34.6 | 36.8 | 21.1 | 8.8 | 10.7 | 842 |
| Lower middle | 34.1 | 29.7 | 50.3 | 25.5 | 7.2 | 9.5 | 1,039 |
| Middle | 37.0 | 33.9 | 51.6 | 28.1 | 12.7 | 5.8 | 1,166 |
| Upper middle | 34.0 | 31.5 | 46.9 | 25.6 | 13.9 | 6.7 | 1,325 |
| Highest | 31.2 | 29.8 | 42.4 | 28.7 | 21.5 | 4.1 | 1,353 |
| INDONESIA | 36.2 | 31.7 | 45.9 | 26.1 | 13.5 | 7.0 | 5,726 |

6.2. ACUTE RESPIRATORY INFECTION (ARI)

In the 2023 SKI, ARI was surveyed among respondents of all ages within one month prior to data collection. The prevalence of ARI based on diagnosis history was measured through the question: "In the past month, have you been diagnosed with ARI by a healthcare professional (doctor/nurse/midwife)?" If the answer was no, respondents were asked about experiencing ARI symptoms through questions regarding fever, cough lasting less than two weeks, runny/stuffy nose, and sore throat. If the respondent reported experiencing symptoms of fever, cough lasting less than two weeks, runny/stuffy nose, and/or sore throat, they were considered to have ARI.

The prevalence of ARI is calculated with the following formula:

$$\text{Prevalence of ARI} = \frac{\sum \text{ARI cases, diagnosed and/or symptomatic (DG)}}{\sum \text{Household members of all ages}}$$

$$\text{Prevalence of ARI in children under five} = \frac{\sum \text{ARI cases in children under five, diagnosed and/or symptomatic (DG)}}{\sum \text{Children under five}}$$

Table 6.6 Prevalence of ARI in All Ages by Province, 2023 SKI

| Province | Acute Respiratory Infection (ARI) | | | | Weighted N |
|-------------------------|-----------------------------------|------------------|-------------|--------------------|----------------|
| | D % | 95% CI | D/G % | 95% CI | |
| Aceh | 1.4 | 1.1 - 1.6 | 16.0 | 15.0 - 17.1 | 17,271 |
| North Sumatra | 0.5 | 0.4 - 0.6 | 16.1 | 15.0 - 17.1 | 48,469 |
| West Sumatra | 1.8 | 1.5 - 2.2 | 21.8 | 20.7 - 22.9 | 18,138 |
| Riau | 0.8 | 0.6 - 1.0 | 13.6 | 12.5 - 14.7 | 20,925 |
| Jambi | 0.9 | 0.7 - 1.1 | 14.1 | 12.9 - 15.5 | 11,588 |
| South Sumatra | 1.7 | 1.4 - 2.0 | 16.8 | 15.8 - 17.9 | 27,532 |
| Bengkulu | 1.9 | 1.5 - 2.3 | 18.2 | 16.9 - 19.6 | 6,571 |
| Lampung | 1.9 | 1.6 - 2.3 | 16.9 | 15.8 - 18.1 | 29,331 |
| Bangka Belitung Islands | 0.6 | 0.4 - 0.9 | 12.4 | 11.3 - 13.6 | 4,763 |
| Riau Islands | 1.0 | 0.8 - 1.2 | 11.4 | 10.1 - 13.0 | 6,782 |
| DKI Jakarta | 2.6 | 2.0 - 3.2 | 22.6 | 21.1 - 24.2 | 33,552 |
| West Java | 2.2 | 1.9 - 2.4 | 31.3 | 30.4 - 32.2 | 156,977 |
| Central Java | 2.5 | 2.3 - 2.7 | 24.9 | 24.2 - 25.6 | 118,184 |
| DI Yogyakarta | 0.9 | 0.7 - 1.2 | 31.5 | 29.8 - 33.3 | 11,757 |
| East Java | 3.2 | 3.0 - 3.5 | 22.7 | 22.0 - 23.5 | 130,683 |
| Banten | 3.6 | 3.1 - 4.3 | 27.6 | 25.9 - 29.4 | 38,751 |
| Bali | 2.1 | 1.7 - 2.5 | 18.1 | 16.6 - 19.7 | 13,859 |
| West Nusa Tenggara | 1.9 | 1.4 - 2.5 | 26.2 | 24.6 - 27.9 | 17,522 |
| East Nusa Tenggara | 3.1 | 2.8 - 3.5 | 36.3 | 35.0 - 37.6 | 17,550 |
| West Kalimantan | 1.0 | 0.8 - 1.3 | 18.7 | 17.3 - 20.1 | 17,713 |
| Central Kalimantan | 1.3 | 1.1 - 1.6 | 15.4 | 13.8 - 17.0 | 8,737 |
| South Kalimantan | 0.7 | 0.6 - 0.9 | 16.7 | 15.6 - 17.9 | 13,299 |
| East Kalimantan | 1.3 | 1.1 - 1.7 | 21.5 | 19.9 - 23.1 | 12,360 |
| North Kalimantan | 1.0 | 0.7 - 1.5 | 18.5 | 16.2 - 21.0 | 2,300 |
| North Sulawesi | 1.3 | 1.1 - 1.6 | 19.6 | 18.3 - 20.9 | 8,439 |
| Central Sulawesi | 0.9 | 0.7 - 1.3 | 23.4 | 22.1 - 24.7 | 9,721 |
| South Sulawesi | 0.4 | 0.3 - 0.5 | 25.1 | 23.9 - 26.3 | 29,481 |
| Southeast Sulawesi | 0.6 | 0.5 - 0.7 | 19.0 | 17.9 - 20.1 | 8,664 |
| Gorontalo | 0.5 | 0.3 - 0.8 | 15.3 | 13.7 - 17.0 | 3,821 |
| West Sulawesi | 0.4 | 0.3 - 0.7 | 19.3 | 17.8 - 20.8 | 4,667 |
| Maluku | 1.0 | 0.8 - 1.3 | 16.3 | 14.9 - 17.7 | 6,050 |
| North Maluku | 1.2 | 0.9 - 1.7 | 14.5 | 13.2 - 15.9 | 4,213 |
| West Papua | 2.3 | 1.8 - 3.0 | 23.3 | 20.6 - 26.2 | 1,795 |
| Southwest Papua | 2.7 | 2.1 - 3.6 | 21.5 | 19.3 - 23.9 | 1,947 |
| Papua | 4.9 | 4.0 - 6.1 | 25.6 | 23.2 - 28.2 | 3,299 |
| South Papua | 3.6 | 2.9 - 4.6 | 27.7 | 24.5 - 31.2 | 1,684 |
| Central Papua | 18.8 | 13.8 - 25.1 | 39.4 | 34.2 - 44.8 | 4,577 |
| Highland Papua | 10.7 | 7.6 - 14.9 | 41.7 | 37.9 - 45.6 | 4,563 |
| INDONESIA | 2.2 | 2.1 - 2.3 | 23.5 | 23.3 - 23.8 | 877,531 |

Table 6.7 Prevalence of ARI by Characteristic, 2023 SKI

| Characteristic | Acute Respiratory Infection (ARI) | | | | Weighted N |
|--|-----------------------------------|-----------|----------|-------------|------------|
| | D % | 95% CI | D/G % | 95% CI | |
| Age Range (Year) | | | | | |
| < 1 | 4.4 | 3.8 - 5.0 | 26.6 | 25.4 - 27.8 | 11,518 |
| 1-4 | 4.9 | 4.6 - 5.2 | 35.7 | 35.1 - 36.3 | 59,253 |
| 5-14 | 2.8 | 2.6 - 3.0 | 28.6 | 28.1 - 29.1 | 138,465 |
| 15-24 | 1.6 | 1.5 - 1.8 | 22.5 | 22.0 - 23.1 | 139,891 |
| 25-34 | 1.6 | 1.5 - 1.8 | 20.1 | 19.7 - 20.6 | 140,206 |
| 35-44 | 1.6 | 1.4 - 1.8 | 20.0 | 19.5 - 20.4 | 131,595 |
| 45-54 | 1.8 | 1.7 - 2.0 | 20.9 | 20.4 - 21.3 | 113,367 |
| 55-64 | 2.1 | 1.9 - 2.3 | 22.7 | 22.2 - 23.2 | 81,723 |
| 65-74 | 2.4 | 2.1 - 2.6 | 23.7 | 23.0 - 24.5 | 44,881 |
| 75+ | 2.5 | 2.1 - 3.0 | 24.0 | 22.8 - 25.1 | 16,632 |
| Sex | | | | | |
| Male | 2.0 | 1.9 - 2.1 | 23.2 | 22.9 - 23.5 | 443,261 |
| Female | 2.4 | 2.3 - 2.5 | 23.9 | 23.6 - 24.2 | 434,270 |
| Education | | | | | |
| Never attended school | 3.4 | 3.1 - 3.7 | 28.0 | 27.3 - 28.7 | 69,130 |
| Some primary school/Islamic primary school | 2.4 | 2.2 - 2.7 | 26.0 | 25.5 - 26.5 | 115,061 |
| Primary school/Islamic primary school graduate | 1.9 | 1.8 - 2.0 | 22.9 | 22.5 - 23.4 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 1.7 | 1.5 - 1.8 | 21.6 | 21.1 - 22.1 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 1.5 | 1.4 - 1.7 | 20.0 | 19.7 - 20.4 | 216,658 |
| D1/D2/D3/university graduate | 1.8 | 1.6 - 2.0 | 20.8 | 20.2 - 21.4 | 64,050 |
| Occupation | | | | | |
| Unemployed | 1.9 | 1.8 - 2.1 | 22.2 | 21.8 - 22.6 | 213,116 |
| Student | 1.7 | 1.5 - 1.8 | 24.7 | 24.2 - 25.2 | 117,785 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 1.8 | 1.5 - 2.1 | 19.1 | 18.3 - 20.0 | 20,811 |
| Private employee | 1.8 | 1.5 - 2.0 | 20.1 | 19.5 - 20.8 | 76,283 |
| Self-employed | 1.5 | 1.3 - 1.6 | 19.5 | 19.0 - 20.0 | 102,060 |
| Farmer/farm worker | 2.2 | 2.0 - 2.5 | 21.8 | 21.3 - 22.3 | 107,876 |
| Fisher | 1.3 | 0.9 - 1.8 | 17.5 | 15.9 - 19.2 | 5,358 |
| Labor/driver/domestic help | 1.6 | 1.4 - 1.8 | 22.8 | 21.9 - 23.6 | 54,102 |
| Others | 1.7 | 1.5 - 1.9 | 20.9 | 20.2 - 21.6 | 40,262 |
| Residence | | | | | |
| Urban | 2.2 | 2.1 - 2.3 | 24.3 | 24.0 - 24.7 | 512,403 |
| Rural | 2.2 | 2.0 - 2.3 | 22.5 | 22.1 - 22.9 | 365,128 |
| Economic Status | | | | | |
| Lowest | 2.7 | 2.4 - 3.1 | 25.6 | 25.0 - 26.2 | 125,275 |
| Lower middle | 1.8 | 1.7 - 1.9 | 23.0 | 22.5 - 23.5 | 158,606 |
| Middle | 2.0 | 1.9 - 2.2 | 23.2 | 22.7 - 23.6 | 185,555 |
| Upper middle | 2.0 | 1.9 - 2.1 | 23.0 | 22.6 - 23.5 | 204,817 |
| Highest | 2.5 | 2.3 - 2.6 | 23.6 | 23.2 - 24.1 | 203,216 |

Table 6.8 Prevalence of ARI in Children Under Five by Province, 2023 SKI

| Province | Prevalence of ARI in Children Under Five | | | | Weighted N |
|-------------------------|--|------------------|-------------|--------------------|---------------|
| | D | D/G | % | 95% CI | |
| | % | 95% CI | % | 95% CI | |
| Aceh | 2.0 | 1.5 - 2.7 | 22.1 | 20.4 - 23.9 | 1,930 |
| North Sumatra | 0.8 | 0.6 - 1.1 | 21.0 | 19.3 - 22.8 | 5,446 |
| West Sumatra | 3.8 | 3.0 - 4.9 | 29.8 | 27.6 - 32.1 | 1,910 |
| Riau | 1.4 | 0.9 - 2.0 | 19.4 | 17.3 - 21.6 | 2,290 |
| Jambi | 1.5 | 0.9 - 2.4 | 18.8 | 16.5 - 21.4 | 1,229 |
| South Sumatra | 3.8 | 2.8 - 5.1 | 25.4 | 23.1 - 27.8 | 2,856 |
| Bengkulu | 4.4 | 3.2 - 5.9 | 24.6 | 21.5 - 27.9 | 696 |
| Lampung | 4.0 | 3.0 - 5.3 | 26.1 | 23.6 - 28.8 | 3,023 |
| Bangka Belitung Islands | 1.6 | 0.9 - 2.9 | 22.8 | 19.8 - 26.2 | 489 |
| Riau Islands | 1.8 | 1.2 - 2.8 | 19.8 | 15.9 - 24.4 | 738 |
| DKI Jakarta | 6.0 | 4.3 - 8.4 | 34.5 | 30.3 - 38.8 | 2,893 |
| West Java | 4.9 | 4.2 - 5.8 | 44.0 | 42.2 - 45.8 | 15,291 |
| Central Java | 6.7 | 5.9 - 7.8 | 41.0 | 39.3 - 42.7 | 10,716 |
| DI Yogyakarta | 3.5 | 2.1 - 5.9 | 49.1 | 44.3 - 53.9 | 930 |
| East Java | 8.8 | 7.8 - 10.0 | 37.5 | 35.7 - 39.3 | 11,052 |
| Banten | 8.7 | 6.9 - 11.1 | 44.6 | 41.1 - 48.1 | 3,819 |
| Bali | 6.64 | 5.1 - 8.7 | 33.0 | 29.5 - 36.8 | 1,205 |
| West Nusa Tenggara | 3.58 | 2.6 - 4.9 | 38.5 | 34.9 - 42.1 | 1,953 |
| East Nusa Tenggara | 6.48 | 5.5 - 7.6 | 41.6 | 39.6 - 43.7 | 2,191 |
| West Kalimantan | 1.88 | 1.2 - 2.9 | 23.8 | 21.2 - 26.5 | 1,892 |
| Central Kalimantan | 1.50 | 1.0 - 2.3 | 18.4 | 15.8 - 21.4 | 923 |
| South Kalimantan | 1.87 | 1.3 - 2.7 | 24.8 | 22.4 - 27.4 | 1,389 |
| East Kalimantan | 3.01 | 2.1 - 4.3 | 33.5 | 30.4 - 36.9 | 1,247 |
| North Kalimantan | 1.63 | 0.8 - 3.4 | 25.0 | 20.8 - 29.8 | 245 |
| North Sulawesi | 1.98 | 1.3 - 2.9 | 21.9 | 19.3 - 24.7 | 766 |
| Central Sulawesi | 2.30 | 1.4 - 3.7 | 31.7 | 28.9 - 34.7 | 1,044 |
| South Sulawesi | 0.79 | 0.5 - 1.3 | 32.6 | 30.6 - 34.7 | 2,990 |
| Southeast Sulawesi | 1.46 | 1.0 - 2.1 | 26.7 | 24.5 - 29.0 | 1,018 |
| Gorontalo | 1.10 | 0.5 - 2.4 | 18.1 | 15.0 - 21.7 | 402 |
| West Sulawesi | 0.67 | 0.3 - 1.4 | 29.0 | 25.1 - 33.1 | 553 |
| Maluku | 2.14 | 1.5 - 3.1 | 17.6 | 15.1 - 20.4 | 682 |
| North Maluku | 1.99 | 1.3 - 2.9 | 16.4 | 14.1 - 18.9 | 477 |
| West Papua | 4.98 | 3.6 - 6.8 | 31.6 | 26.9 - 36.6 | 212 |
| Southwest Papua | 5.3 | 3.6 - 7.7 | 28.7 | 24.3 - 33.6 | 230 |
| Papua | 8.1 | 5.8 - 11.2 | 29.9 | 25.7 - 34.4 | 433 |
| South Papua | 5.8 | 3.9 - 8.7 | 37.7 | 32.2 - 43.6 | 288 |
| Central Papua | 11.8 | 9.0 - 15.4 | 32.7 | 27.0 - 39.0 | 467 |
| Highland Papua | 10.7 | 5.9 - 18.7 | 37.6 | 30.5 - 45.3 | 450 |
| INDONESIA | 4.8 | 4.6 - 5.1 | 34.2 | 33.6 - 34.8 | 86,364 |

Table 6.9 Prevalence of ARI in Children Under Five by Characteristic, 2023 SKI

| Characteristic | Acute Respiratory Infection (ARI) | | | | Weighted N |
|--------------------------|-----------------------------------|-----------|----------|-------------|------------|
| | D % | 95% CI | D/G % | 95% CI | |
| Age Range (Month) | | | | | |
| 0-11 | 4.4 | 3.8 - 5.0 | 26.6 | 25.4 - 27.8 | 14,055 |
| 12-23 | 5.7 | 5.1 - 6.3 | 38.2 | 37.0 - 39.5 | 16,233 |
| 24-35 | 5.7 | 5.1 - 6.3 | 36.2 | 35.0 - 37.4 | 17,576 |
| 36-47 | 4.0 | 3.6 - 4.4 | 34.0 | 32.9 - 35.1 | 19,066 |
| 48-59 | 4.6 | 4.1 - 5.1 | 34.8 | 33.7 - 35.9 | 19,433 |
| Sex | | | | | |
| Male | 4.8 | 4.4 - 5.1 | 34.2 | 33.4 - 34.9 | 44,099 |
| Female | 4.9 | 4.5 - 5.3 | 34.2 | 33.4 - 35.0 | 42,265 |
| Residence | | | | | |
| Urban | 5.3 | 4.9 - 5.7 | 36.5 | 35.7 - 37.3 | 49,503 |
| Rural | 4.2 | 3.9 - 4.7 | 31.1 | 30.3 - 31.9 | 36,861 |
| Economic Status | | | | | |
| Lowest | 4.2 | 3.7 - 4.8 | 34.0 | 32.7 - 35.3 | 10,785 |
| Lower middle | 4.3 | 3.7 - 4.9 | 32.9 | 31.7 - 34.2 | 14,606 |
| Middle | 5.0 | 4.5 - 5.6 | 35.1 | 33.9 - 36.3 | 17,861 |
| Upper middle | 4.2 | 3.7 - 4.7 | 33.1 | 31.9 - 34.2 | 20,789 |
| Highest | 6.0 | 5.4 - 6.7 | 35.5 | 34.4 - 36.7 | 22,320 |

6.3. PNEUMONIA

Pneumonia is an acute respiratory infection that causes inflammation or fluid in the lungs, making it difficult to breathe and limiting oxygen intake. In children, the most common bacterial causes of pneumonia are pneumococcus and Haemophilus influenzae type b (Hib); the most common viral cause is respiratory syncytial virus (RSV). Symptoms of pneumonia include high fever accompanied by cough, difficulty breathing, rapid breathing (respiratory rate for children of < 2 months: > 60 breaths/minute; 2 months to < 1 year: 50 breaths/minute or more; 1-5 years: 40 breaths/minute or more), chest indrawing, and/or wheezing. In severe cases, infants may also be unable to eat or drink and may experience unconsciousness, seizures, and even death.

Data on the diagnosis and symptoms of pneumonia were obtained through interviews with the question: "In the past year, have you ever been diagnosed with pneumonia (lung inflammation) with or without a chest X-ray by a healthcare professional (doctor/nurse/midwife)?"

"In the past year, has the respondent experienced fever accompanied by cough and difficulty breathing?" If all three are answered affirmatively, it is considered pneumonia. The prevalence is calculated from the number of diagnosed pneumonia cases and pneumonia symptoms among all respondents, using the following formula:

$$\text{Prevalence of pneumonia} = \frac{\sum \text{Pneumonia cases (diagnosed and/or symptomatic)}}{\sum \text{Household members of all ages}}$$

$$\text{Prevalence of pneumonia in toddlers} = \frac{\sum \text{Pneumonia cases in children under five (0 - 59 months) (diagnosed and/or symptomatic)}}{\sum \text{Children under five (0 - 59 months)}}$$

Table 6.10 Prevalence of Pneumonia in All Ages by Province, 2023 SKI

| Province | Prevalence of Pneumonia | | | | Weighted N |
|-------------------------|-------------------------|--------------------|-------------|--------------------|----------------|
| | D | D/G | % | 95% CI | |
| | % | | 95% CI | | |
| Aceh | 0.55 | 0.42 - 0.73 | 15.3 | 14.1 - 16.6 | 17,271 |
| North Sumatra | 0.36 | 0.25 - 0.51 | 12.9 | 11.8 - 14.0 | 48,469 |
| West Sumatra | 0.46 | 0.36 - 0.58 | 12.0 | 10.8 - 13.3 | 18,138 |
| Riau | 0.34 | 0.22 - 0.53 | 11.4 | 9.8 - 13.1 | 20,925 |
| Jambi | 0.29 | 0.20 - 0.41 | 12.5 | 11.1 - 14.2 | 11,588 |
| South Sumatra | 0.24 | 0.18 - 0.33 | 14.0 | 12.6 - 15.6 | 27,532 |
| Bengkulu | 0.43 | 0.30 - 0.61 | 15.3 | 13.8 - 17.0 | 6,571 |
| Lampung | 0.52 | 0.40 - 0.66 | 8.3 | 7.4 - 9.4 | 29,331 |
| Bangka Belitung Islands | 0.38 | 0.25 - 0.58 | 8.0 | 6.6 - 9.7 | 4,763 |
| Riau Islands | 0.23 | 0.12 - 0.45 | 5.1 | 4.2 - 6.1 | 6,782 |
| DKI Jakarta | 0.66 | 0.47 - 0.92 | 9.0 | 7.7 - 10.4 | 33,552 |
| West Java | 0.54 | 0.46 - 0.63 | 11.2 | 10.5 - 11.9 | 156,977 |
| Central Java | 0.41 | 0.34 - 0.48 | 6.8 | 6.4 - 7.4 | 118,184 |
| DI Yogyakarta | 0.48 | 0.34 - 0.68 | 7.4 | 6.2 - 8.8 | 11,757 |
| East Java | 0.47 | 0.40 - 0.56 | 7.6 | 7.0 - 8.2 | 130,683 |
| Banten | 0.59 | 0.43 - 0.80 | 13.0 | 11.4 - 14.8 | 38,751 |
| Bali | 0.44 | 0.33 - 0.59 | 4.6 | 4.0 - 5.4 | 13,859 |
| West Nusa Tenggara | 0.43 | 0.32 - 0.58 | 11.7 | 10.5 - 13.2 | 17,522 |
| East Nusa Tenggara | 0.66 | 0.56 - 0.77 | 22.1 | 20.7 - 23.5 | 17,550 |
| West Kalimantan | 0.29 | 0.22 - 0.40 | 10.5 | 9.3 - 11.9 | 17,713 |
| Central Kalimantan | 0.42 | 0.29 - 0.61 | 9.4 | 8.1 - 10.9 | 8,737 |
| South Kalimantan | 0.40 | 0.30 - 0.52 | 7.4 | 6.5 - 8.5 | 13,299 |
| East Kalimantan | 0.49 | 0.36 - 0.65 | 7.4 | 6.5 - 8.4 | 12,360 |
| North Kalimantan | 0.50 | 0.30 - 0.83 | 14.1 | 11.8 - 16.7 | 2,300 |
| North Sulawesi | 0.39 | 0.27 - 0.57 | 11.9 | 10.7 - 13.2 | 8,439 |
| Central Sulawesi | 0.35 | 0.26 - 0.46 | 16.5 | 14.9 - 18.1 | 9,721 |
| South Sulawesi | 0.33 | 0.26 - 0.42 | 15.5 | 14.4 - 16.7 | 29,481 |
| Southeast Sulawesi | 0.41 | 0.31 - 0.52 | 18.2 | 16.6 - 20.0 | 8,664 |
| Gorontalo | 0.36 | 0.24 - 0.54 | 12.8 | 10.9 - 15.0 | 3,821 |
| West Sulawesi | 0.34 | 0.23 - 0.50 | 14.2 | 12.6 - 16.1 | 4,667 |
| Maluku | 0.43 | 0.31 - 0.58 | 12.8 | 11.5 - 14.3 | 6,050 |
| North Maluku | 0.57 | 0.41 - 0.80 | 19.4 | 17.1 - 21.9 | 4,213 |
| West Papua | 0.82 | 0.47 - 1.40 | 16.4 | 13.9 - 19.3 | 1,795 |
| Southwest Papua | 0.93 | 0.53 - 1.63 | 12.1 | 10.2 - 14.2 | 1,947 |
| Papua | 0.90 | 0.68 - 1.18 | 14.4 | 12.4 - 16.5 | 3,299 |
| South Papua | 0.94 | 0.63 - 1.40 | 19.1 | 15.8 - 22.9 | 1,684 |
| Central Papua | 3.03 | 2.16 - 4.24 | 25.8 | 21.5 - 30.6 | 4,577 |
| Highland Papua | 2.28 | 1.53 - 3.38 | 36.6 | 31.1 - 42.5 | 4,563 |
| INDONESIA | 0.48 | 0.46 - 0.51 | 10.8 | 10.5 – 11.0 | 877,531 |

Table 6.11 Prevalence of Pneumonia by Characteristic, 2023 SKI

| Characteristic | Prevalence of Pneumonia | | | | Weighted N |
|--|-------------------------|-------------|----------|-------------|------------|
| | D % | 95% CI | D/G % | 95% CI | |
| Age Range (Year) | | | | | |
| < 1 | 0.86 | 0.66 - 1.12 | 11.6 | 10.8 - 12.5 | 11,518 |
| 1-4 | 1.16 | 1.03 - 1.30 | 15.3 | 14.8 - 15.8 | 59,253 |
| 5-14 | 0.40 | 0.35 - 0.45 | 12.2 | 11.8 - 12.6 | 138,465 |
| 15-24 | 0.30 | 0.24 - 0.37 | 9.9 | 9.6 - 10.3 | 139,891 |
| 25-34 | 0.36 | 0.30 - 0.44 | 9.4 | 9.0 - 9.7 | 140,206 |
| 35-44 | 0.33 | 0.29 - 0.38 | 9.5 | 9.2 - 9.8 | 131,595 |
| 45-54 | 0.47 | 0.41 - 0.55 | 9.9 | 9.5 - 10.2 | 113,367 |
| 54-64 | 0.62 | 0.54 - 0.72 | 11.0 | 10.6 - 11.4 | 81,723 |
| 65-74 | 0.86 | 0.73 - 1.01 | 12.4 | 11.8 - 12.9 | 44,881 |
| 75+ | 0.78 | 0.60 - 1.01 | 12.6 | 11.7 - 13.4 | 16,632 |
| Sex | | | | | |
| Male | 0.54 | 0.50 - 0.58 | 10.8 | 10.5 - 11.1 | 443,261 |
| Female | 0.43 | 0.40 - 0.46 | 10.7 | 10.5 - 11.0 | 434,270 |
| Education | | | | | |
| Never attended school | 0.66 | 0.57 - 0.76 | 13.9 | 13.3 - 14.4 | 69,130 |
| Some primary school/Islamic primary school | 0.45 | 0.39 - 0.53 | 12.1 | 11.8 - 12.6 | 115,061 |
| Primary school/Islamic primary school graduate | 0.50 | 0.44 - 0.56 | 10.9 | 10.6 - 11.3 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 0.42 | 0.36 - 0.50 | 10.1 | 9.7 - 10.4 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 0.30 | 0.26 - 0.34 | 8.7 | 8.4 - 8.9 | 216,658 |
| D1/D2/D3/university graduate | 0.40 | 0.33 - 0.48 | 9.1 | 8.7 - 9.5 | 64,050 |
| Occupation | | | | | |
| Unemployed | 0.43 | 0.43 - 0.43 | 10.7 | 10.4 - 11.1 | 213,116 |
| Student | 0.32 | 0.32 - 0.32 | 10.7 | 10.2 - 11.1 | 117,785 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 0.45 | 0.45 - 0.45 | 9.3 | 8.8 - 9.9 | 20,811 |
| Private employee | 0.43 | 0.43 - 0.43 | 7.4 | 6.9 - 7.8 | 76,283 |
| Self-employed | 0.38 | 0.38 - 0.38 | 9.0 | 8.6 - 9.4 | 102,060 |
| Farmer/farm worker | 0.57 | 0.57 - 0.57 | 12.1 | 11.7 - 12.6 | 107,876 |
| Fisher | 0.59 | 0.59 - 0.59 | 10.3 | 9.1 - 11.5 | 5,358 |
| Labor/driver/domestic help | 0.45 | 0.45 - 0.45 | 9.4 | 8.8 - 10.1 | 54,102 |
| Others | 0.35 | 0.35 - 0.35 | 11.0 | 10.4 - 11.5 | 40,262 |
| Residence | | | | | |
| Urban | 0.49 | 0.45 - 0.52 | 9.8 | 9.5 - 10.1 | 512,403 |
| Rural | 0.48 | 0.44 - 0.53 | 12.2 | 11.8 - 12.6 | 365,128 |
| Economic Status | | | | | |
| Lowest | 0.58 | 0.52 - 0.66 | 14.0 | 13.5 - 14.6 | 125,275 |
| Lower middle | 0.40 | 0.36 - 0.45 | 11.1 | 10.7 - 11.5 | 158,606 |
| Middle | 0.48 | 0.43 - 0.54 | 10.7 | 10.3 - 11.0 | 185,555 |
| Upper middle | 0.46 | 0.40 - 0.52 | 10.1 | 9.7 - 10.4 | 204,817 |
| Highest | 0.52 | 0.46 - 0.59 | 9.4 | 9.0 - 9.7 | 203,216 |

Table 6.12 Prevalence of Pneumonia in Children Under Five by Province, 2023 SKI

| Province | Prevalence of Pneumonia in Children Under Five | | | | Weighted N |
|-------------------------|--|------------------|-------------|--------------------|---------------|
| | D % | D/G 95% CI | D/G % | D/G 95% CI | |
| Aceh | 0.6 | 0.4 - 1.0 | 20.0 | 18.0 - 22.0 | 1,930 |
| North Sumatra | 0.5 | 0.3 - 1.0 | 14.4 | 12.9 - 16.0 | 5,446 |
| West Sumatra | 0.4 | 0.2 - 0.8 | 15.5 | 13.6 - 17.6 | 1,910 |
| Riau | 0.2 | 0.1 - 0.4 | 13.5 | 11.5 - 15.7 | 2,290 |
| Jambi | 0.5 | 0.2 - 1.1 | 14.3 | 12.1 - 16.7 | 1,229 |
| South Sumatra | 0.3 | 0.1 - 0.7 | 17.4 | 15.3 - 19.7 | 2,856 |
| Bengkulu | 1.1 | 0.5 - 2.5 | 20.2 | 17.2 - 23.6 | 696 |
| Lampung | 0.8 | 0.5 - 1.5 | 11.4 | 9.7 - 13.3 | 3,023 |
| Bangka Belitung Islands | 0.4 | 0.2 - 0.9 | 10.1 | 7.9 - 12.8 | 489 |
| Riau Islands | 0.9 | 0.4 - 2.3 | 6.5 | 4.8 - 8.6 | 738 |
| DKI Jakarta | 2.2 | 1.3 - 3.6 | 14.3 | 11.1 - 18.3 | 2,893 |
| West Java | 1.3 | 1.0 - 1.7 | 15.2 | 13.8 - 16.6 | 15,291 |
| Central Java | 1.0 | 0.8 - 1.4 | 11.4 | 10.3 - 12.6 | 10,716 |
| DI Yogyakarta | 1.9 | 1.1 - 3.1 | 9.9 | 7.4 - 13.1 | 930 |
| East Java | 1.6 | 1.2 - 2.1 | 12.0 | 10.8 - 13.4 | 11,052 |
| Banten | 1.3 | 0.8 - 2.3 | 21.7 | 18.5 - 25.2 | 3,819 |
| Bali | 1.5 | 0.9 - 2.4 | 8.6 | 6.9 - 10.8 | 1,205 |
| West Nusa Tenggara | 1.3 | 0.7 - 2.3 | 18.5 | 15.7 - 21.7 | 1,953 |
| East Nusa Tenggara | 1.2 | 0.9 - 1.6 | 23.4 | 21.5 - 25.3 | 2,191 |
| West Kalimantan | 0.7 | 0.4 - 1.3 | 13.8 | 11.7 - 16.1 | 1,892 |
| Central Kalimantan | 0.7 | 0.3 - 1.4 | 11.3 | 9.0 - 14.0 | 923 |
| South Kalimantan | 0.9 | 0.5 - 1.6 | 10.6 | 8.9 - 12.6 | 1,389 |
| East Kalimantan | 1.5 | 0.8 - 2.6 | 13.1 | 10.9 - 15.7 | 1,247 |
| North Kalimantan | 1.2 | 0.6 - 2.3 | 17.6 | 14.0 - 21.9 | 245 |
| North Sulawesi | 0.4 | 0.2 - 1.0 | 13.9 | 11.7 - 16.4 | 766 |
| Central Sulawesi | 0.7 | 0.4 - 1.3 | 23.7 | 20.9 - 26.7 | 1,044 |
| South Sulawesi | 0.9 | 0.6 - 1.4 | 19.5 | 17.6 - 21.5 | 2,990 |
| Southeast Sulawesi | 1.0 | 0.6 - 1.8 | 24.0 | 21.5 - 26.7 | 1,018 |
| Gorontalo | 0.5 | 0.2 - 1.2 | 13.9 | 11.0 - 17.3 | 402 |
| West Sulawesi | 1.0 | 0.5 - 2.2 | 21.3 | 17.5 - 25.5 | 553 |
| Maluku | 0.3 | 0.1 - 0.6 | 13.6 | 11.2 - 16.4 | 682 |
| North Maluku | 0.5 | 0.2 - 1.1 | 20.7 | 17.7 - 24.2 | 477 |
| West Papua | 0.6 | 0.3 - 1.4 | 20.2 | 15.8 - 25.4 | 212 |
| Southwest Papua | 1.4 | 0.7 - 2.8 | 14.5 | 11.4 - 18.2 | 230 |
| Papua | 1.4 | 0.7 - 2.8 | 16.5 | 13.1 - 20.6 | 433 |
| South Papua | 1.5 | 0.7 - 3.4 | 16.7 | 12.8 - 21.4 | 288 |
| Central Papua | 3.7 | 1.5 - 8.8 | 24.7 | 17.7 - 33.2 | 467 |
| Highland Papua | 5.3 | 2.8 - 9.8 | 37.9 | 30.8 - 45.6 | 450 |
| INDONESIA | 1.1 | 1.0 - 1.2 | 15.0 | 14.5 - 15.4 | 86,364 |

Table 6.13 Prevalence of Pneumonia in Children Under Five by Characteristic, 2023 SKI

| Characteristic | Prevalence of Pneumonia in Children | | | | Weighted N | |
|--------------------------|-------------------------------------|-----------|------|-------------|------------|--|
| | Under Five | | D/G | | | |
| | % | 95% CI | % | 95% CI | | |
| Age Range (Month) | | | | | | |
| 0-11 | 0.9 | 0.7 - 1.1 | 12.1 | 11.3 - 13.0 | 14,055 | |
| 12-23 | 1.7 | 1.4 - 2.1 | 16.7 | 15.8 - 17.6 | 16,233 | |
| 24-35 | 1.3 | 1.0 - 1.6 | 15.9 | 15.0 - 16.8 | 17,576 | |
| 36-47 | 0.9 | 0.7 - 1.1 | 14.7 | 13.9 - 15.5 | 19,066 | |
| 48-59 | 0.9 | 0.7 - 1.1 | 15.2 | 14.4 - 16.1 | 19,433 | |
| Sex | | | | | | |
| Male | 1.2 | 1.1 - 1.4 | 15.1 | 14.6 - 15.7 | 44,099 | |
| Female | 1.0 | 0.8 - 1.1 | 14.8 | 14.3 - 15.5 | 42,265 | |
| Residence | | | | | | |
| Urban | 1.3 | 1.1 - 1.5 | 14.2 | 13.7 - 14.9 | 49,503 | |
| Rural | 0.9 | 0.7 - 1.0 | 16.0 | 15.3 - 16.7 | 36,861 | |
| Economic Status | | | | | | |
| Lowest | 1.1 | 0.8 - 1.4 | 17.4 | 16.3 - 18.6 | 10,785 | |
| Lower middle | 0.7 | 0.5 - 1.0 | 15.9 | 15.0 - 17.0 | 14,606 | |
| Middle | 1.0 | 0.7 - 1.3 | 14.9 | 14.1 - 15.8 | 17,861 | |
| Upper middle | 1.1 | 0.9 - 1.4 | 14.2 | 13.4 - 15.1 | 20,789 | |
| Highest | 1.5 | 1.2 - 1.8 | 14.0 | 13.2 - 14.8 | 22,320 | |

6.4. PULMONARY TUBERCULOSIS

Pulmonary TB was inquired to respondents over a period of ≤ 1 year based on the diagnosis history by healthcare professionals through sputum tests, chest X-rays, or both for all ages.

The prevalence of pulmonary TB is the percentage of respondents who have been diagnosed with pulmonary TB by a doctor out of the total number of respondents, calculated using the following formula:

$$\text{Prevalence of pulmonary TB} = \frac{\sum \text{Pulmonary TB cases (doctor diagnosis history)}}{\sum \text{Household members of all ages}}$$

Table 6.14 Prevalence of Pulmonary TB Based on Doctor Diagnosis History by Province, 2023 SKI

| Province | Prevalence of Pulmonary TB | | |
|-------------------------|----------------------------|--------------------|----------------|
| | % | 95% CI | Weighted N |
| Aceh | 0.31 | 0.24 - 0.40 | 17,271 |
| North Sumatra | 0.17 | 0.12 - 0.24 | 48,469 |
| West Sumatra | 0.29 | 0.22 - 0.38 | 18,138 |
| Riau | 0.19 | 0.13 - 0.28 | 20,925 |
| Jambi | 0.13 | 0.08 - 0.20 | 11,588 |
| South Sumatra | 0.22 | 0.16 - 0.30 | 27,532 |
| Bengkulu | 0.23 | 0.15 - 0.36 | 6,571 |
| Lampung | 0.21 | 0.14 - 0.30 | 29,331 |
| Bangka Belitung Islands | 0.16 | 0.10 - 0.26 | 4,763 |
| Riau Islands | 0.10 | 0.05 - 0.19 | 6,782 |
| DKI Jakarta | 0.40 | 0.26 - 0.62 | 33,552 |
| West Java | 0.47 | 0.40 - 0.55 | 156,977 |
| Central Java | 0.25 | 0.20 - 0.31 | 118,184 |
| DI Yogyakarta | 0.23 | 0.14 - 0.39 | 11,757 |
| East Java | 0.24 | 0.19 - 0.30 | 130,683 |
| Banten | 0.43 | 0.29 - 0.65 | 38,751 |
| Bali | 0.09 | 0.05 - 0.18 | 13,859 |
| West Nusa Tenggara | 0.24 | 0.15 - 0.38 | 17,522 |
| East Nusa Tenggara | 0.29 | 0.22 - 0.37 | 17,550 |
| West Kalimantan | 0.25 | 0.17 - 0.35 | 17,713 |
| Central Kalimantan | 0.24 | 0.16 - 0.35 | 8,737 |
| South Kalimantan | 0.41 | 0.30 - 0.56 | 13,299 |
| East Kalimantan | 0.20 | 0.12 - 0.34 | 12,360 |
| North Kalimantan | 0.16 | 0.07 - 0.33 | 2,300 |
| North Sulawesi | 0.32 | 0.23 - 0.44 | 8,439 |
| Central Sulawesi | 0.24 | 0.17 - 0.35 | 9,721 |
| South Sulawesi | 0.28 | 0.21 - 0.38 | 29,481 |
| Southeast Sulawesi | 0.25 | 0.18 - 0.34 | 8,664 |
| Gorontalo | 0.34 | 0.23 - 0.52 | 3,821 |
| West Sulawesi | 0.33 | 0.19 - 0.56 | 4,667 |
| Maluku | 0.20 | 0.13 - 0.30 | 6,050 |
| North Maluku | 0.29 | 0.18 - 0.45 | 4,213 |
| West Papua | 0.34 | 0.22 - 0.53 | 1,795 |
| Southwest Papua | 0.20 | 0.13 - 0.32 | 1,947 |
| Papua | 0.58 | 0.40 - 0.85 | 3,299 |
| South Papua | 0.98 | 0.66 - 1.46 | 1,684 |
| Central Papua | 1.15 | 0.70 - 1.89 | 4,577 |
| Highland Papua | 0.77 | 0.46 - 1.27 | 4,563 |
| INDONESIA | 0.30 | 0.28 - 0.33 | 877,531 |

Table 6.15 Prevalence of Pulmonary TB by Characteristic, 2023 SKI

| Characteristic | Prevalence of Pulmonary TB | | |
|--|----------------------------|-------------|------------|
| | % | 95% CI | Weighted N |
| Age Range (Year) | | | |
| < 1 | 0.08 | 0.04 - 0.19 | 11,518 |
| 1-4 | 0.42 | 0.34 - 0.53 | 59,253 |
| 5-14 | 0.18 | 0.14 - 0.22 | 138,465 |
| 15-24 | 0.18 | 0.14 - 0.22 | 139,891 |
| 25-34 | 0.26 | 0.21 - 0.32 | 140,206 |
| 35-44 | 0.28 | 0.23 - 0.34 | 131,595 |
| 45-54 | 0.37 | 0.31 - 0.44 | 113,367 |
| 55-64 | 0.51 | 0.44 - 0.60 | 81,723 |
| 65-74 | 0.59 | 0.49 - 0.73 | 44,881 |
| 75+ | 0.50 | 0.35 - 0.71 | 16,632 |
| Sex | | | |
| Male | 0.38 | 0.35 - 0.42 | 443,261 |
| Female | 0.22 | 0.20 - 0.25 | 434,270 |
| Residence | | | |
| Urban | 0.32 | 0.29 - 0.36 | 512,403 |
| Rural | 0.27 | 0.24 - 0.31 | 365,128 |
| Education | | | |
| Never attended school | 0.36 | 0.29 - 0.45 | 69,130 |
| Some primary school/Islamic primary school | 0.32 | 0.26 - 0.38 | 115,061 |
| Primary school/Islamic primary school graduate | 0.37 | 0.33 - 0.43 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 0.27 | 0.22 - 0.32 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 0.23 | 0.20 - 0.27 | 216,658 |
| D1/D2/D3/university graduate | 0.25 | 0.18 - 0.34 | 64,050 |
| Occupation | | | |
| Unemployed | 0.34 | 0.29 - 0.40 | 213,116 |
| Student | 0.12 | 0.09 - 0.16 | 117,785 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 0.30 | 0.17 - 0.55 | 20,811 |
| Private employee | 0.25 | 0.19 - 0.33 | 76,283 |
| Self-employed | 0.30 | 0.24 - 0.36 | 102,060 |
| Farmer/farm worker | 0.41 | 0.36 - 0.46 | 107,876 |
| Fisher | 0.50 | 0.33 - 0.75 | 5,358 |
| Labor/driver/domestic help | 0.40 | 0.31 - 0.53 | 54,102 |
| Others | 0.32 | 0.25 - 0.41 | 40,262 |
| Economic Status | | | |
| Lowest | 0.37 | 0.32 - 0.43 | 125,275 |
| Lower middle | 0.34 | 0.29 - 0.39 | 158,606 |
| Middle | 0.30 | 0.26 - 0.34 | 185,555 |
| Upper middle | 0.30 | 0.25 - 0.35 | 204,817 |
| Highest | 0.25 | 0.21 - 0.30 | 203,216 |

Examinations for pulmonary TB in the 2023 SKI include: 1) sputum laboratory examinations, such as smear microscopy (sputum AFB), bacterial culture, Xpert MTB/RIF/Molecular Rapid Test (MRT), other molecular examinations (LPA); 2) radiological examinations, chest X-rays/thoracic photos; and 3) tuberculin test, usually performed in cases of pulmonary TB in children. The formula used is as follows:

$$\text{Method of pulmonary TB examination} = \frac{\text{Type of examination}}{\text{Total diagnosed with pulmonary TB}} \times 100$$

In the national efforts to control TB, the diagnosis of pulmonary TB in adults must first be confirmed by bacteriological examinations (smear microscopy, culture, or rapid tests). If the results of bacteriological examinations are negative, the diagnosis of pulmonary TB can be made clinically through clinical examinations or supportive examinations (chest X-rays) and determined by a trained TB doctor. The diagnosis of TB is not justified using serological tests, chest X-rays, or tuberculin tests alone.

Besides the methods for making diagnosis, the 2023 SKI also describes the proportion of treatments that respondents have received or are currently receiving. Currently, the mix of anti-tuberculosis drugs (OAT) used in Indonesia follows the recommendations of the World Health Organization (WHO) and the International Standard for TB Care (ISTC).

The mix of drugs in the National TB Control Program in Indonesia includes: 1) Fixed Dose Combination (FDC), which is a package of drugs for one treatment period; 2) Kombipak, which is a loose drug package consisting of Isoniazid (H), Rifampicin (R), Pyrazinamide (Z), and Ethambutol (E) packaged in blister packs and categorized as loose drugs; and 3) Loose Drugs, which are single drug preparations/non-package, given by healthcare providers separately with doses based on clinical decisions.

Anti-TB drugs are provided in package form (FDC), aimed at facilitating drug administration and ensuring treatment continuity until completion with the principle of one package for one patient in one treatment period. The therapy provided is the percentage of respondents who receive drugs, both FDC and loose, relative to the total number of respondents who have been diagnosed with pulmonary TB.

$$\text{Types of provided medication} = \frac{\text{Types of provided drugs (FDC or loose)}}{\sum \text{Pulmonary TB cases (respondents diagnosed with pulmonary TB)}} \times 100\%$$

The proportion of pulmonary TB patients receiving regular treatment is the percentage of respondents diagnosed with pulmonary TB who receive regular treatment compared to those diagnosed with pulmonary TB by healthcare professionals.

$$\text{Medication adherence} = \frac{\sum \text{Respondents who take medication regularly}}{\sum \text{Pulmonary TB cases (respondents diagnosed with pulmonary TB)}} \times 100\%$$

A medication observer (PMO) is someone appointed and trusted to supervise and monitor tuberculosis patients in taking their medication regularly and completely. PMOs can come from family members, neighbors, cadres, community leaders, or healthcare workers. PMO aims to ensure patients' compliance in taking medication according to the prescribed dosage and schedule.

In the 2023 SKI, the presence of a PMO is measured according to the respondents' acknowledgment. The proportion of PMO presence is measured using the following formula:

$$\text{Proportion of PMO presence} = \frac{\sum \text{Pulmonary TB cases with PMO}}{\text{Pulmonary TB cases}} \times 100\%$$

The proportion of examinations/diagnoses of pulmonary TB, types of therapy provided, and the presence of PMO cannot represent the provincial level because the national prevalence of pulmonary TB is only 0.3%. Nationally, examinations/diagnoses of TB are done through sputum tests (70.4%), chest X-rays (68.2%), Mantoux tests (9.1%), and IGRA (6.5%). The therapy provided includes FDC (fixed-dose combination, a package of drugs for one treatment period) at 61.3%, Kombipak (27.3%), loose (16.7%), and injections (5.8%). The national proportion of PMO is 61.2% (weighted N = 2,435).

Respondents who were diagnosed with pulmonary TB within the last six months were asked if they took their medication regularly. Nationally, the proportion is 62.5% (weighted N = 1,002). For respondents who did not take their medication, the reasons given were feeling healthy (32.4%), medication unavailable at health facilities (34.3%), unable to tolerate side effects (7.5%), taking traditional medicine (2.7%), tired/lazy to take medication regularly (12.2%), or other reasons (10.8%), with a weighted N = 543.

Table 6.16 Proportion of Pulmonary TB Examinations/Diagnoses, Types of Pulmonary TB Therapy Provided, and Presence of PMO by Characteristic, 2023 SKI

| Characteristic | Examination/Diagnosis (%) | | | | Therapy (%) | | | Presence of PMO (%) | Weighted N |
|---|---------------------------|-------------|---------------------------|------|------------------|----------|-------|---------------------|------------|
| | Sputum | Chest X-Ray | Mantoux Test ¹ | IGRA | FDC ² | Kombipak | Loose | | |
| Age Range (Year) | | | | | | | | | |
| < 1 | 11.4 | 8.6 | N/A | N/A | N/A | N/A | N/A | 20.0 | 9* |
| 1-4 | 14.8 | 63.2 | 58.2 | 36.3 | 40.1 | 26.9 | 6.2 | 73.1 | 229 |
| 5-14 | 30.6 | 54.7 | 38.9 | 33.3 | 46.8 | 14.0 | 5.3 | 64.2 | 224 |
| 15-24 | 79.9 | 58.9 | N/A | N/A | 59.5 | 35.5 | 19.0 | 60.2 | 225 |
| 25-34 | 73.9 | 65.2 | N/A | N/A | 67.4 | 20.4 | 24.5 | 58.6 | 329 |
| 35-44 | 81.5 | 73.1 | N/A | N/A | 62.9 | 33.9 | 20.6 | 53.7 | 338 |
| 45-54 | 79.7 | 71.1 | N/A | N/A | 68.0 | 33.1 | 16.4 | 58.8 | 380 |
| 55-64 | 85.2 | 78.4 | N/A | N/A | 68.5 | 28.4 | 15.9 | 63.3 | 381 |
| 65-74 | 88.8 | 69.8 | N/A | N/A | 63.6 | 21.7 | 21.7 | 63.0 | 244 |
| 75+ | 88.7 | 76.2 | N/A | N/A | 68.9 | 30.0 | 14.8 | 64.1 | 76 |
| Sex | | | | | | | | | |
| Male | 71.7 | 70.0 | 9.0 | 6.4 | 63.5 | 29.3 | 15.7 | 63.8 | 9* |
| Female | 68.0 | 64.8 | 9.2 | 6.6 | 57.4 | 23.8 | 18.5 | 56.6 | 229 |
| Education | | | | | | | | | |
| Never attended school | 56.6 | 60.0 | 16.7 | 11.5 | 52.6 | 19.5 | 12.8 | 0.7 | 55.9 |
| Sompe primary school | 64.1 | 63.1 | 13.4 | 12.8 | 53.0 | 24.2 | 19.2 | 6.2 | 63.2 |
| Primary school | 80.8 | 72.6 | 0.5 | 0.8 | 67.8 | 25.4 | 17.8 | 2.6 | 62.8 |
| Junior secondary school | 79.9 | 61.5 | 0 | 0 | 61.6 | 31.6 | 14.0 | 10.6 | 57.2 |
| Senior secondary school | 87.6 | 75.0 | 0 | 0 | 68.5 | 33.1 | 22.9 | 2.8 | 61.7 |
| D1/D2/D3/university graduate | 71.6 | 78.0 | 0 | 0 | 77.1 | 28.8 | 16.2 | 6.6 | 48.9 |
| Occupation | | | | | | | | | |
| Unemployed | 80.4 | 66.2 | 0.8 | 0.8 | 60.5 | 28.2 | 20.0 | 6.5 | 57.5 |
| Student | 59.6 | 62.3 | 12.5 | 12.0 | 67.2 | 22.5 | 11.1 | 2.5 | 64.2 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 74.5 | 84.2 | N/A | N/A | 79.8 | 28.0 | 23.4 | 2.1 | 57 |
| Private employer | 82.4 | 75.3 | N/A | N/A | 64.6 | 29.7 | 13.2 | 6.0 | 70.7 |
| Self-employed | 86.0 | 72.5 | N/A | N/A | 65.4 | 20.2 | 21.4 | 8.2 | 61.6 |
| Farmer/farm worker | 82.9 | 64.6 | N/A | N/A | 66.1 | 30.7 | 15.0 | 6.4 | 58.7 |
| Fisher | 83.1 | 62.3 | N/A | N/A | 76.6 | 31.2 | 4.2 | 11.0 | 50.2 |
| Labor/driver/domestic help | 82.2 | 82.1 | N/A | N/A | 73.2 | 36.1 | 29.7 | 11.0 | 67.7 |
| Others | 70.3 | 75.3 | N/A | N/A | 67.2 | 34.6 | 15.2 | 3.6 | 53.8 |
| Residence | | | | | | | | | |
| Urban | 70.4 | 73.5 | 10.6 | 8.4 | 60.8 | 25.6 | 15.8 | 4.7 | 64.5 |
| Rural | 70.4 | 59.2 | 6.5 | 3.3 | 62.1 | 30.0 | 18.2 | 7.6 | 55.7 |
| Economic Status | | | | | | | | | |
| Lowest | 69.2 | 50.1 | 3.5 | 2.7 | 58.7 | 26.4 | 19.6 | 6.4 | 45.3 |
| Lower middle | 82.7 | 65.5 | 2.1 | 1.6 | 61.0 | 30.2 | 17.1 | 7.4 | 58.8 |
| Middle | 71.9 | 72.6 | 5.9 | 4.5 | 60.2 | 22.5 | 16.5 | 3.8 | 64.5 |
| Upper middle | 66.1 | 70.8 | 11.0 | 6.3 | 64.4 | 28.0 | 14.6 | 4.4 | 68.5 |
| Highest | 61.8 | 79.5 | 22.6 | 17.4 | 61.6 | 29.5 | 16.3 | 7.2 | 460 |

* Weighted N <50

Notes: Therapy provided can include more than one option

1. For those aged 15 years and under only

2. Fixed-dose combination (FDC), which is a package of drugs for one treatment period

3. Weighted N does not apply to Mantoux test

Table 6.17. Proportion of Pulmonary TB Patients (<6 Months) Taking Medication Regularly by Characteristic, 2023 SKI

| Characteristic | Taking Medication Regularly ¹ | | Weighted N |
|--|--|-------------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| < 1 | 34.1 | 6.2 - 80.2 | 4* |
| 1-4 | 66.8 | 54.1 - 77.4 | 82 |
| 5-14 | 39.6 | 25.6 - 55.6 | 68 |
| 15-24 | 62.4 | 42.8 - 78.7 | 118 |
| 25-34 | 69.3 | 56.8 - 79.4 | 131 |
| 35-44 | 62.2 | 48.2 - 74.4 | 173 |
| 45-54 | 50.8 | 41.9 - 59.7 | 166 |
| 55-64 | 72.3 | 62.4 - 80.5 | 160 |
| 65-74 | 74.1 | 62.9 - 82.9 | 74 |
| 75+ | 63.2 | 39.6 - 81.9 | 26* |
| Sex | | | |
| Male | 63.2 | 57.6 - 68.4 | 629 |
| Female | 61.4 | 53.7 - 68.6 | 373 |
| Education | | | |
| Never attended school | 58.0 | 44.6 - 70.3 | 92 |
| Some primary school/Islamic primary school | 62.7 | 48.9 - 74.6 | 121 |
| Primary school/Islamic primary school graduate | 62.8 | 55.6 - 69.5 | 297 |
| Junior secondary school/Islamic junior secondary school graduate | 60.9 | 47.5 - 72.8 | 152 |
| Senior secondary school/Islamic senior secondary school graduate | 62.5 | 50.6 - 73.0 | 193 |
| D1/D2/D3/university graduate | 68.1 | 36.9 - 88.6 | 61 |
| Occupation | | | |
| Unemployed | 65.5 | 55.9 - 74.0 | 312 |
| Student | 36.4 | 20.7 - 55.8 | 51 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 41.6 | 11.0 - 80.5 | 24* |
| Private employee | 72.5 | 55.3 - 84.9 | 66 |
| Self-employed | 67.3 | 52.8 - 79.0 | 123 |
| Farmer/farm worker | 67.9 | 61.4 - 73.8 | 147 |
| Fisher | 71.8 | 47.1 - 87.9 | 11* |
| Labor/driver/domestic help | 57.3 | 40.9 - 72.2 | 85 |
| Others | 63.9 | 45.5 - 79.0 | 54 |
| Residence | | | |
| Urban | 66.0 | 59.3 - 72.1 | 640 |
| Rural | 56.3 | 50.6 - 62.0 | 362 |
| Economic Status | | | |
| Lowest | 54.9 | 46.4 - 63.1 | 168 |
| Lower middle | 65.2 | 56.5 - 73.0 | 184 |
| Middle | 63.5 | 52.8 - 73.0 | 229 |
| Upper middle | 65.5 | 54.8 - 74.8 | 229 |
| Highest | 61.8 | 50.0 - 72.5 | 192 |

¹Always taking medication throughout the entire treatment period without missing a dose

*Weighted N <50

Table 6.18. Proportion of Pulmonary TB Patients by Reasons for Not Taking Medication Regularly by Characteristic, 2023 SKI

| Characteristic | Feeling Healthy | Reasons for Not Taking Medication Regularly | | | | | Weighted N |
|--|-----------------|---|------------------------------|-----------------------------|--|--------|------------|
| | | Not Available at Healthcare Facilities | Cannot Tolerate Side Effects | Taking Traditional Medicine | Reluctant to Take Medication Regularly | Others | |
| Age Range (Year) | | | | | | | |
| < 1 | 0.0 | 58.4 | 0.0 | 0.0 | 1.6 | 40.0 | 9* |
| 1-4 | 7.5 | 80.7 | 4.7 | 0.0 | 0.0 | 7.1 | 50 |
| 5-14 | 36.6 | 47.9 | 2.3 | 1.4 | 2.4 | 9.5 | 90 |
| 15-24 | 14.1 | 63.7 | 4.1 | 4.3 | 9.4 | 4.5 | 20* |
| 25-34 | 34.6 | 37.4 | 17.4 | 1.2 | 9.3 | 0.0 | 70 |
| 35-44 | 45.8 | 13.9 | 2.9 | 2.5 | 24.8 | 10.2 | 60 |
| 45-54 | 29.4 | 39.0 | 3.1 | 1.1 | 9.4 | 18.0 | 77 |
| 55-64 | 37.2 | 12.9 | 16.8 | 4.4 | 8.8 | 19.9 | 78 |
| 65-74 | 47.9 | 8.3 | 5.7 | 6.5 | 21.2 | 10.4 | 53 |
| 75+ | 20.3 | 15.8 | 9.2 | 7.7 | 43.4 | 3.6 | 36* |
| Sex | | | | | | | |
| Male | 33.5 | 31.9 | 8.9 | 2.3 | 13.0 | 10.5 | 336 |
| Female | 30.4 | 38.2 | 5.4 | 3.5 | 11.1 | 11.4 | 207 |
| Education | | | | | | | |
| Never attended school | 37.8 | 31.2 | 7.9 | 1.4 | 11.1 | 10.6 | 80 |
| Some primary school/Islamic primary school | 34.4 | 44.1 | 7.0 | 2.8 | 7.3 | 4.4 | 106 |
| Primary school/Islamic primary school graduate | 38.9 | 18.9 | 3.5 | 2.3 | 21.5 | 15.0 | 173 |
| Junior secondary school/Islamic junior secondary school graduate | 43.1 | 23.5 | 8.5 | 4.6 | 8.0 | 12.4 | 61 |
| Senior secondary school/Islamic senior secondary school graduate | 17.7 | 29.4 | 25.9 | 7.0 | 11.9 | 8.2 | 53 |
| D1/D2/D3/university graduate | 22.4 | 53.3 | | 4.0 | 13.3 | 7.0 | 12* |
| Occupation | | | | | | | |
| Unemployed | 34.7 | 22.8 | 9.84 | 4.22 | 15.75 | 12.66 | 151 |
| Student | 30.0 | 51.3 | 3.68 | 7.86 | 7.10 | 0.0 | 27* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 25.1 | 46.7 | 0.0 | 4.40 | 23.74 | 0.0 | 5* |
| Private employee | 74.4 | 11.5 | 0.0 | 0.0 | 14.09 | 0.0 | 23* |
| Self-employed | 34.1 | 24.0 | 14.13 | 0.0 | 19.56 | 8.18 | 58 |
| Farmer/farm worker | 35.6 | 27.1 | 11.42 | 2.43 | 14.94 | 8.51 | 103 |
| Fisher | 9.5 | 26.8 | 0.0 | 0.0 | 24.20 | 39.49 | 6* |
| Labor/driver/domestic help | 39.1 | 22.2 | 0.89 | 1.98 | 9.16 | 26.68 | 32* |
| Others | 26.0 | 44.1 | 3.85 | 12.86 | 12.91 | 0.23 | 24* |
| Residence | | | | | | | |
| Urban | 38.3 | 27.5 | 10.3 | 2.3 | 8.4 | 13.1 | 279 |
| Rural | 26.1 | 41.4 | 4.6 | 3.2 | 16.3 | 8.4 | 264 |
| Economic Status | | | | | | | |
| Lowest | 25.6 | 36.8 | 2.9 | 3.7 | 17.5 | 13.5 | 154 |
| Lower middle | 35.7 | 30.8 | 3.0 | 2.9 | 19.0 | 8.5 | 116 |
| Middle | 35.3 | 30.3 | 9.5 | 0.3 | 8.6 | 16.0 | 122 |
| Upper middle | 36.2 | 32.0 | 16.8 | 3.3 | 3.3 | 8.3 | 96 |
| Highest | 31.2 | 47.3 | 9.5 | 4.3 | 6.8 | 0.9 | 55 |

* Weighted N <50

In the 2023 SKI, respondents were also asked about their household contact history and whether they received tuberculosis preventive therapy (TPT). The purpose of this question was to determine the rate of transmission among close contacts, the coverage of preventive TB medication, and the main reasons respondents did not receive such treatment in their households.

$$\text{Proportion of household contacts with pulmonary TB} = \frac{\text{Number of household contacts receiving ("yes" answers)}}{\text{Total number of household contacts ("yes" answers)}}$$

Table 6.19. Proportion of Household Transmission of Pulmonary TB and Receiving TB Preventive Therapy (TPT) in All Ages by Province, 2023 SKI

| Province | Household Contacts with Pulmonary TB | | |
|-------------------------|--------------------------------------|------------------|----------------|
| | % | 95% CI | Weighted N |
| Aceh | 0.1 | 0.0 - 0.1 | 17,240 |
| North Sumatra | 0.0 | 0.0 - 0.1 | 48,409 |
| West Sumatra | 0.2 | 0.1 - 0.4 | 18,103 |
| Riau | 0.1 | 0.0 - 0.2 | 20,903 |
| Jambi | 0.1 | 0.0 - 0.2 | 11,578 |
| South Sumatra | 0.1 | 0.1 - 0.2 | 27,501 |
| Bengkulu | 0.1 | 0.0 - 0.3 | 6,560 |
| Lampung | 0.1 | 0.1 - 0.3 | 29,307 |
| Bangka Belitung Islands | 0.2 | 0.1 - 0.4 | 4,760 |
| Riau Islands | 0.1 | 0.0 - 0.2 | 6,780 |
| DKI Jakarta | 0.4 | 0.2 - 0.7 | 33,472 |
| West Java | 0.3 | 0.2 - 0.4 | 156,561 |
| Central Java | 0.2 | 0.1 - 0.4 | 118,016 |
| DI Yogyakarta | 0.5 | 0.3 - 0.8 | 11,740 |
| East Java | 0.1 | 0.1 - 0.1 | 130,527 |
| Banten | 0.3 | 0.2 - 0.5 | 38,651 |
| Bali | 0.1 | 0.0 - 0.2 | 13,849 |
| West Nusa Tenggara | 0.3 | 0.2 - 0.5 | 17,497 |
| East Nusa Tenggara | 0.2 | 0.1 - 0.3 | 17,518 |
| West Kalimantan | 0.1 | 0.1 - 0.2 | 17,689 |
| Central Kalimantan | 0.0 | 0.0 - 0.1 | 8,725 |
| South Kalimantan | 0.2 | 0.1 - 0.4 | 13,266 |
| East Kalimantan | 0.3 | 0.2 - 0.5 | 12,349 |
| North Kalimantan | 0.3 | 0.1 - 0.8 | 2,297 |
| North Sulawesi | 0.1 | 0.1 - 0.2 | 8,420 |
| Central Sulawesi | 0.1 | 0.0 - 0.3 | 9,710 |
| South Sulawesi | 0.1 | 0.1 - 0.1 | 29,431 |
| Southeast Sulawesi | 0.1 | 0.0 - 0.2 | 8,650 |
| Gorontalo | 0.1 | 0.1 - 0.3 | 3,814 |
| West Sulawesi | 0.2 | 0.1 - 0.4 | 4,657 |
| Maluku | 0.0 | 0.0 - 0.1 | 6,043 |
| North Maluku | 0.0 | 0.0 - 0.1 | 4,203 |
| West Papua | 0.2 | 0.0 - 0.7 | 1,791 |
| Southwest Papua | 0.1 | 0.0 - 0.4 | 1,943 |
| Papua | 0.1 | 0.0 - 0.2 | 3,285 |
| South Papua | 0.2 | 0.1 - 0.4 | 1,670 |
| Central Papua | 0.1 | 0.1 - 0.3 | 4,546 |
| Highland Papua | 0.2 | 0.1 - 0.5 | 4,533 |
| INDONESIA | 0.2 | 0.2 - 0.2 | 875,995 |

Table 6.20. Proportion of Household Transmission of Pulmonary TB by Characteristic, 2023 SKI

| Characteristic | Household Contacts with Pulmonary TB | | | Receiving TPT | | |
|--|--------------------------------------|-----------|------------|---------------|-------------|------------|
| | % | 95% CI | Weighted N | % | 95% CI | Weighted N |
| Age Range (Year) | | | | | | |
| < 1 | 0.1 | 0.0 - 0.2 | 11,509 | 73.3 | 40.2 - 91.8 | 7* |
| 1-4 | 0.2 | 0.1 - 0.3 | 59,101 | 39.6 | 28.7 - 51.6 | 91 |
| 5-14 | 0.1 | 0.1 - 0.2 | 138,324 | 37.8 | 28.5 - 48.0 | 154 |
| 15-24 | 0.2 | 0.1 - 0.2 | 139,776 | 52.3 | 42.0 - 62.5 | 191 |
| 25-34 | 0.3 | 0.2 - 0.3 | 140,017 | 44.3 | 34.8 - 54.1 | 294 |
| 35-44 | 0.2 | 0.1 - 0.2 | 131,377 | 46.8 | 37.7 - 56.2 | 154 |
| 45-54 | 0.2 | 0.2 - 0.3 | 113,140 | 49.6 | 38.6 - 60.6 | 185 |
| 55-64 | 0.2 | 0.2 - 0.3 | 81,455 | 48.4 | 36.4 - 60.6 | 126 |
| 65-74 | 0.2 | 0.1 - 0.2 | 44,724 | 55.6 | 40.5 - 69.7 | 56 |
| 75+ | 0.1 | 0.0 - 0.2 | 16,573 | 72.5 | 42.5 - 90.4 | 12* |
| Sex | | | | | | |
| Male | 0.2 | 0.2 - 0.2 | 442,288 | 48.2 | 42.0 - 54.4 | 626 |
| Female | 0.2 | 0.2 - 0.2 | 433,707 | 45.4 | 40.1 - 50.9 | 645 |
| Education | | | | | | |
| Never attended school | 0.2 | 0.1 - 0.3 | 68,959 | 47.7 | 27.2 - 69.0 | 106 |
| Some primary school/Islamic primary school | 0.2 | 0.1 - 0.2 | 114,837 | 44.3 | 36.1 - 52.7 | 144 |
| Primary school/Islamic primary school graduate | 0.2 | 0.2 - 0.2 | 197,326 | 48.7 | 38.8 - 58.7 | 283 |
| Junior secondary school/Islamic junior secondary school graduate | 0.2 | 0.2 - 0.3 | 143,887 | 41.9 | 32.6 - 51.9 | 224 |
| Senior secondary school/Islamic senior secondary school graduate | 0.2 | 0.2 - 0.2 | 216,415 | 52.2 | 43.6 - 60.6 | 324 |
| D1/D2/D3/university graduate | 0.2 | 0.1 - 0.3 | 63,962 | 41.6 | 28.5 - 56.0 | 92 |
| Occupation | | | | | | |
| Unemployed | 0.2 | 0.2 - 0.3 | 212,668 | 54.7 | 47.1 - 62.2 | 399 |
| Student | 0.1 | 0.1 - 0.2 | 117,732 | 43.9 | 32.6 - 55.9 | 128 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 0.2 | 0.1 - 0.3 | 20,785 | 40.0 | 16.0 - 70.0 | 28* |
| Private employee | 0.2 | 0.2 - 0.3 | 76,168 | 37.1 | 22.6 - 54.4 | 135 |
| Self-employed | 0.2 | 0.1 - 0.2 | 101,883 | 45.3 | 33.8 - 57.2 | 125 |
| Farmer/farm worker | 0.1 | 0.1 - 0.2 | 107,610 | 46.0 | 34.2 - 58.3 | 120 |
| Fisher | 0.1 | 0.0 - 0.2 | 5,339 | 33.8 | 12.3 - 65.2 | 4* |
| Labor/driver/domestic help | 0.2 | 0.2 - 0.3 | 53,994 | 49.5 | 34.8 - 64.3 | 101 |
| Others | 0.1 | 0.1 - 0.2 | 40,190 | 58.8 | 42.1 - 73.7 | 39* |
| Residence | | | | | | |
| Urban | 0.2 | 0.2 - 0.3 | 511,437 | 46.2 | 40.5 - 52.0 | 909 |
| Rural | 0.1 | 0.1 - 0.2 | 364,558 | 48.1 | 42.1 - 54.2 | 362 |
| Economic Status | | | | | | |
| Lowest | 0.2 | 0.1 - 0.3 | 124,971 | 52.6 | 38.0 - 66.7 | 175 |
| Lower middle | 0.2 | 0.1 - 0.2 | 158,300 | 50.3 | 41.5 - 59.0 | 224 |
| Middle | 0.2 | 0.2 - 0.3 | 185,212 | 44.5 | 35.2 - 54.3 | 313 |
| Upper middle | 0.2 | 0.1 - 0.2 | 204,501 | 48.2 | 39.1 - 57.5 | 292 |
| Highest | 0.2 | 0.1 - 0.2 | 202,949 | 41.1 | 29.4 - 54.0 | 268 |

* Weighted N <50

Table 6.21. Proportion of Reasons for Not Taking TPT Medication Regularly by Characteristic, 2023 SKI

| Characteristic | Reasons for Not Taking Medication | | | | Weighted N |
|---|-----------------------------------|--|--|--------|------------|
| | Not Feeling the Symptoms | Drugs Not Available at Healthcare Facilities | Not Provided by the Health Professionals | Others | |
| Age Range (Year) | | | | | |
| < 1 | 78.4 | 0.0 | 21.6 | 0.0 | 2* |
| 1-4 | 53.3 | 1.0 | 42.0 | 3.7 | 54 |
| 5-14 | 49.4 | 0.6 | 42.4 | 7.6 | 94 |
| 15-24 | 58.1 | 8.1 | 27.9 | 5.8 | 90 |
| 25-34 | 60.4 | 1.8 | 26.5 | 11.2 | 161 |
| 35-44 | 49.6 | 3.0 | 42.6 | 4.9 | 81 |
| 45-54 | 57.1 | 1.8 | 38.2 | 2.9 | 92 |
| 55-64 | 53.9 | 0.8 | 44.9 | 0.4 | 64 |
| 65-74 | 75.9 | 0.5 | 19.3 | 4.3 | 25* |
| 75+ | 54.2 | 27.9 | 18.0 | 0.0 | 3* |
| Sex | | | | | |
| Male | 57.6 | 4.1 | 31.7 | 6.6 | 319 |
| Female | 54.8 | 1.1 | 38.5 | 5.6 | 347 |
| Education | | | | | |
| Never attended school | 46.8 | 1.7 | 40.0 | 11.5 | 54 |
| Some primary school | 58.3 | 0.3 | 38.4 | 3.0 | 79 |
| Primary school | 60.2 | 0.7 | 27.9 | 11.3 | 143 |
| Junior secondary school | 56.3 | 5.0 | 33.4 | 5.2 | 128 |
| Senior secondary school | 52.1 | 2.9 | 41.7 | 3.2 | 153 |
| D1/D2/D3/university graduate | 65.3 | 6.2 | 24.5 | 4.0 | 53 |
| Occupation | | | | | |
| Unemployed | 54.4 | 2.8 | 36.4 | 6.5 | 178 |
| Student | 62.6 | 5.9 | 30.0 | 1.5 | 71 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 65.8 | 5.4 | 28.7 | 0 | 17* |
| Private employee | 41.5 | 3.1 | 37.9 | 17.5 | 83 |
| Self-employed | 53.2 | 3.8 | 40.0 | 2.9 | 67 |
| Farmer/farm worker | 75.9 | 1.1 | 21.9 | 1.1 | 64 |
| Fisher | 94.4 | N/A | 5.6 | 0 | 3* |
| Labor/driver/domestic help | 67.2 | 0.4 | 29.1 | 3.4 | 50 |
| Others | 47.0 | 1.8 | 38.7 | 12.4 | 16* |
| Residence | | | | | |
| Urban | 50.5 | 2.7 | 39.7 | 7.1 | 481 |
| Rural | 70.9 | 2.2 | 23.6 | 3.4 | 185 |
| Economic Status | | | | | |
| Lowest | 64.8 | 5.7 | 23.7 | 5.8 | 81.6 |
| Lower middle | 60.7 | 3.9 | 32.6 | 2.8 | 109.5 |
| Middle | 71.8 | 0.8 | 26.7 | 0.7 | 170.8 |
| Upper middle | 53.6 | 2.1 | 35.5 | 8.8 | 148.6 |
| Highest | 33.7 | 2.2 | 52.2 | 11.9 | 155.4 |

* Weighted N <50

The national proportion of household transmission of pulmonary TB is 0.2%, and the national proportion of receiving TPT is 46.8%. The main reasons for not receiving TPT are not having symptoms (56.2%), medication not available at healthcare facilities (2.5%), not being provided by healthcare professional (35.2%), or other reasons (6.1%).

6.5. HEPATITIS

Hepatitis A, B, C, D, or E viruses. Symptoms include fever, fatigue, loss of appetite, nausea, pain in the upper right abdomen, and dark-colored urine, followed by jaundice (yellowing of the skin and/or sclera due to high bilirubin levels in the blood). It can also be asymptomatic. In the 2023 SKI, the incidence of hepatitis was measured by interviewing respondents with the question, "In the past year, has [NAME] ever been diagnosed with hepatitis through a blood test by a doctor?" If the answer was "Yes," it was considered hepatitis.

The prevalence of hepatitis is the percentage of respondents who reported being diagnosed with hepatitis by a doctor relative to the total number of respondents, which was calculated using the following formula:

$$\text{Prevalence of hepatitis} = \frac{\sum \text{Hepatitis cases based on history of diagnosis from doctors}}{\sum \text{Household members of all ages}}$$

Immunological testing for Hepatitis B virus was conducted on household members' specimens collected in field laboratories in the Biomedical Census Block, which reflects national figures. Immunological testing conducted in the 2023 SKI included:

1. Hepatitis B Surface Antigen (HBsAg) Testing

HBsAg testing is useful for diagnosing acute hepatitis B, appearing in the blood six weeks after infection and disappearing after three months. If it persists for more than six months, it is defined as a carrier. HBsAg is found in early acute hepatitis B before clinical symptoms appear.

A 'non-reactive' test result indicates the concentration of Hepatitis B virus antigen below the cut-off, i.e., <0.05 IU/ml.

$$\text{Proportion of 'non-reactive' test results} = \frac{\text{Number of biomedical household members with non-reactive HBsAg titers}}{\text{Total number of biomedical household members tested for HbsAg titers}}$$

A 'reactive' test result indicates the concentration of Hepatitis B virus antigen at or above the cut-off, i.e., ≥ 0.05 IU/ml.

$$\text{Proportion of 'reactive' test results} = \frac{\text{Number of biomedical household members with reactive HBsAg titers}}{\text{Total number of biomedical household members tested for HbsAg titers}}$$

2. Hepatitis B Surface Antibody (Anti-HBs) Testing

Anti-HBs are antibodies against HBsAg. If positive, it indicates the convalescent phase of Hepatitis B, in patients with long-standing hepatitis B (usually subclinical), or after Hepatitis B vaccination.

A 'negative' test result indicates the absence of antibodies against the Hepatitis B pathogen with a cut-off < 9 mIU/ml.

$$\text{Proportion of 'negative' test results} = \frac{\text{Number of biomedical household members with negative anti-HBs titers}}{\text{Total number of biomedical household members tested for anti-HBs titers}}$$

A 'positive' test result indicates the presence of antibodies against the Hepatitis B pathogen with a cut-off ≥ 11 mIU/ml.

$$\text{Proportion of 'positive' test results} = \frac{\text{Number of biomedical household members with positive anti-HBs titers}}{\text{Total number of biomedical household members tested for anti-HBs titers}}$$

3. Hepatitis B Core Antibody (Anti-HBc) Testing, Specifically IgM Anti-HBc

The Hepatitis B core virus is not found in the blood, but antibodies against the Hepatitis B core virus in the form of IgM anti-HBc can be detected. These antibodies appear immediately after HBsAg appears and persist for a considerable period.

A 'non-reactive' test result indicates the concentration of Hepatitis B virus antigen at or above the cut-off, i.e., ≥ 1.1 .

$$\text{Proportion of 'Non-reactive' test results} = \frac{\text{Number of biomedical household members with non-reactive anti-HBc titers}}{\text{Total number of biomedical household members tested for anti-HBc titers}}$$

A 'reactive' test result indicates the concentration of Hepatitis B virus antigen below the cut-off, i.e., ≤ 0.9 .

$$\text{Proportion of reactive' test results} = \frac{\text{Number of biomedical household members with reactive anti-HBc titers}}{\text{Total number of biomedical household members tested for anti-HBc titers}}$$

Table 6.22. Prevalence of Hepatitis in All Ages by Province, 2023 SKI

| Province | Prevalence of Hepatitis | | Weighted N |
|-------------------------|-------------------------|--------------------|----------------|
| | % | 95% CI | |
| Aceh | 0.15 | 0.09 - 0.24 | 17,271 |
| North Sumatra | 0.07 | 0.04 - 0.11 | 48,469 |
| West Sumatra | 0.11 | 0.07 - 0.17 | 18,138 |
| Riau | 0.06 | 0.03 - 0.11 | 20,925 |
| Jambi | 0.08 | 0.05 - 0.15 | 11,588 |
| South Sumatra | 0.09 | 0.06 - 0.14 | 27,532 |
| Bengkulu | 0.11 | 0.06 - 0.20 | 6,571 |
| Lampung | 0.08 | 0.05 - 0.14 | 29,331 |
| Bangka Belitung Islands | 0.13 | 0.07 - 0.23 | 4,763 |
| Riau Islands | 0.05 | 0.03 - 0.11 | 6,782 |
| DKI Jakarta | 0.13 | 0.07 - 0.24 | 33,552 |
| West Java | 0.12 | 0.09 - 0.17 | 156,977 |
| Central Java | 0.11 | 0.08 - 0.14 | 118,184 |
| DI Yogyakarta | 0.11 | 0.05 - 0.21 | 11,757 |
| East Java | 0.08 | 0.06 - 0.11 | 130,683 |
| Banten | 0.16 | 0.10 - 0.27 | 38,751 |
| Bali | 0.08 | 0.04 - 0.15 | 13,859 |
| West Nusa Tenggara | 0.33 | 0.23 - 0.47 | 17,522 |
| East Nusa Tenggara | 0.22 | 0.17 - 0.29 | 17,550 |
| West Kalimantan | 0.12 | 0.08 - 0.20 | 17,713 |
| Central Kalimantan | 0.07 | 0.04 - 0.14 | 8,737 |
| South Kalimantan | 0.09 | 0.06 - 0.14 | 13,299 |
| East Kalimantan | 0.16 | 0.10 - 0.27 | 12,360 |
| North Kalimantan | 0.14 | 0.07 - 0.28 | 2,300 |
| North Sulawesi | 0.17 | 0.11 - 0.28 | 8,439 |
| Central Sulawesi | 0.16 | 0.11 - 0.24 | 9,721 |
| South Sulawesi | 0.20 | 0.15 - 0.26 | 29,481 |
| Southeast Sulawesi | 0.19 | 0.13 - 0.28 | 8,664 |
| Gorontalo | 0.12 | 0.06 - 0.27 | 3,821 |
| West Sulawesi | 0.27 | 0.15 - 0.46 | 4,667 |
| Maluku | 0.13 | 0.07 - 0.25 | 6,050 |
| North Maluku | 0.22 | 0.10 - 0.49 | 4,213 |
| West Papua | 0.22 | 0.10 - 0.49 | 1,795 |
| Southwest Papua | 0.22 | 0.12 - 0.40 | 1,947 |
| Papua | 0.37 | 0.24 - 0.57 | 3,299 |
| South Papua | 0.24 | 0.13 - 0.46 | 1,684 |
| Central Papua | 0.88 | 0.43 - 1.82 | 4,577 |
| Highland Papua | 0.09 | 0.04 - 0.23 | 4,563 |
| INDONESIA | 0.12 | 0.11 - 0.14 | 877,531 |

Table 6.23 Prevalence of Hepatitis by Characteristic, 2023 SKI

| Characteristic | Hepatitis | | Weighted N |
|--|-----------|-------------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| < 1 | 0.21 | 0.13 - 0.35 | 11,518 |
| 1-4 | 0.10 | 0.06 - 0.17 | 59,253 |
| 5-14 | 0.06 | 0.04 - 0.08 | 138,465 |
| 15-24 | 0.08 | 0.06 - 0.11 | 139,891 |
| 25-34 | 0.14 | 0.11 - 0.18 | 140,206 |
| 35-44 | 0.17 | 0.14 - 0.21 | 131,595 |
| 45-54 | 0.17 | 0.13 - 0.20 | 113,367 |
| 55-64 | 0.15 | 0.12 - 0.20 | 81,723 |
| 65-74 | 0.12 | 0.08 - 0.18 | 44,881 |
| 75+ | 0.08 | 0.04 - 0.15 | 16,632 |
| Sex | | | |
| Male | 0.12 | 0.11 - 0.14 | 443,261 |
| Female | 0.13 | 0.11 - 0.14 | 434,270 |
| Education | | | |
| Never attended school | 0.12 | 0.08 - 0.17 | 69,130 |
| Some primary school/Islamic primary school | 0.10 | 0.07 - 0.13 | 115,061 |
| Primary school/Islamic primary school graduate | 0.14 | 0.11 - 0.17 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 0.12 | 0.09 - 0.15 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 0.12 | 0.10 - 0.14 | 216,658 |
| D1/D2/D3/university graduate | 0.18 | 0.14 - 0.23 | 64,050 |
| Occupation | | | |
| Unemployed | 0.15 | 0.13 - 0.18 | 213,116 |
| Student | 0.07 | 0.05 - 0.10 | 117,785 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 0.15 | 0.11 - 0.20 | 20,811 |
| Private employee | 0.12 | 0.08 - 0.18 | 76,283 |
| Self-employed | 0.12 | 0.09 - 0.15 | 102,060 |
| Farmer/farm worker | 0.16 | 0.12 - 0.20 | 107,876 |
| Fisher | 0.28 | 0.15 - 0.53 | 5,358 |
| Labor/driver/domestic help | 0.09 | 0.06 - 0.13 | 54,102 |
| Others | 0.22 | 0.16 - 0.30 | 40,262 |
| Residence | | | |
| Urban | 0.13 | 0.11 - 0.14 | 512,403 |
| Rural | 0.12 | 0.10 - 0.14 | 365,128 |

Table 6.24 Proportion of HBsAg Titer Levels by Characteristic, 2023 SKI

| Characteristic | HbsAg Titer | | | | Weighted N |
|--|--------------|------------------|------------|----------------|---------------|
| | Non-Reactive | | Reactive | | |
| | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | |
| 0-4 | 99.9 | 99.2-100 | 0.1 | 0.0-0.8 | 1,244 |
| 5-14 | 99.2 | 98.7-99.5 | 0.8 | 0.5-1.3 | 3,822 |
| 15-24 | 98.6 | 98.0-99.0 | 1.4 | 1.0-2.0 | 5,056 |
| 25-34 | 97.9 | 97.3-98.4 | 2.1 | 1.6-2.7 | 5,011 |
| 35-44 | 96.4 | 95.8-96.9 | 3.6 | 3.1-4.2 | 4,724 |
| 45-54 | 96.4 | 95.8-96.9 | 3.6 | 3.1-4.2 | 4,121 |
| 55-64 | 96.4 | 95.7-97.0 | 3.6 | 3.0-4.3 | 3,032 |
| 65-74 | 97.3 | 96.5-98.0 | 2.7 | 2.0-3.5 | 1,640 |
| 75+ | 97.1 | 95.1-98.4 | 2.9 | 1.6-4.9 | 607 |
| Sex | | | | | |
| Male | 97.3 | 96.9-97.6 | 2.7 | 2.4-3.1 | 14,695 |
| Female | 98.0 | 97.7-98.2 | 2.0 | 1.8-2.3 | 14,563 |
| Education | | | | | |
| Never attended school | 97.6 | 96.8-98.2 | 2.4 | 1.8-3.2 | 2,071 |
| Some primary school/Islamic primary school | 97.8 | 97.1-98.3 | 2.2 | 1.7-2.9 | 3,576 |
| Primary school/Islamic primary school graduate | 97.1 | 96.6-97.5 | 2.9 | 2.5-3.4 | 7,567 |
| Junior secondary school/Islamic junior secondary school graduate | 97.9 | 97.4-98.2 | 2.1 | 1.8-2.6 | 5,476 |
| Senior secondary school/Islamic senior secondary school graduate | 97.6 | 97.1-98.0 | 2.4 | 2.0-2.9 | 7,522 |
| D1/D2/D3 graduate | 96.5 | 94.7-97.7 | 3.5 | 2.3-5.3 | 700 |
| University graduate | 97.4 | 96.2-98.2 | 2.6 | 1.8-3.8 | 1,103 |
| Occupation | | | | | |
| Unemployed | 97.9 | 97.6-98.2 | 2.1 | 1.8-2.4 | 7,982 |
| Student | 98.6 | 97.9-99.0 | 1.4 | 1.0-2.1 | 3,591 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 96.4 | 94.5-97.6 | 3.6 | 2.4-5.5 | 567 |
| Private employee | 97.8 | 96.8-98.5 | 2.2 | 1.5-3.2 | 2,260 |
| Self-employed | 96.9 | 96.2-97.5 | 3.1 | 2.5-3.8 | 3,886 |
| Farmer/farm worker | 96.2 | 95.5-96.7 | 3.8 | 3.3-4.5 | 4,294 |
| Fisher | 92.0 | 87.2-95.0 | 8.0 | 5.0-12.8 | 159 |
| Labor/driver/domestic help | 97.1 | 96.0-97.9 | 2.9 | 2.1-4.0 | 2,084 |
| Others | 97.1 | 96.1-97.9 | 2.9 | 2.1-3.9 | 1,403 |
| Residence | | | | | |
| Urban | 98.1 | 97.8-98.3 | 1.9 | 1.7-2.2 | 18,033 |
| Rural | 96.9 | 96.5-97.2 | 3.1 | 2.8-3.5 | 11,225 |
| Economic Status | | | | | |
| Lowest | 96.3 | 95.7-96.9 | 3.7 | 3.1-4.3 | 4,576 |
| Lower middle | 98.0 | 97.6-98.4 | 2.0 | 1.6-2.4 | 5,842 |
| Middle | 97.3 | 96.8-97.8 | 2.7 | 2.2-3.2 | 6,534 |
| Upper middle | 98.0 | 97.4-98.4 | 2.0 | 1.6-2.6 | 6,912 |
| Highest | 98.2 | 97.7-98.5 | 1.8 | 1.5-2.3 | 5,395 |
| INDONESIA | 97.6 | 97.4-97.8 | 2.4 | 2.2-2.6 | 29,258 |

Table 6.25 Proportion of Anti HBs Titer Levels by Characteristic, 2023 SKI

| Characteristic | Anti HBs Titer | | | | Weighted N |
|--|----------------|------------------|-------------|------------------|---------------|
| | Negative | | Positive | | |
| | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | |
| 0-4 | 36.8 | 32.0-41.9 | 63.2 | 58.1-68.0 | 1,270 |
| 5-14 | 74.7 | 72.4-76.9 | 25.3 | 23.1-27.6 | 3,807 |
| 15-24 | 91.5 | 90.1-92.6 | 8.5 | 7.4-9.9 | 5,051 |
| 25-34 | 84.5 | 83.0-85.9 | 15.5 | 14.1-17.0 | 5,009 |
| 35-44 | 78.7 | 77.2-80.1 | 21.3 | 19.9-22.8 | 4,723 |
| 45-54 | 70.3 | 68.8-71.8 | 29.7 | 28.2-31.2 | 4,114 |
| 55-64 | 65.9 | 64.1-67.7 | 34.1 | 32.3-35.9 | 3,032 |
| 65-74 | 62.0 | 59.4-64.4 | 38.0 | 35.6-40.6 | 1,639 |
| 75+ | 60.0 | 55.5-64.2 | 40.0 | 35.8-44.5 | 606 |
| Sex | | | | | |
| Male | 72.9 | 71.8-74.0 | 27.1 | 26.0-28.2 | 14,673 |
| Female | 78.5 | 77.6-79.4 | 21.5 | 20.6-22.4 | 14,579 |
| Education | | | | | |
| Never attended school | 63.5 | 60.3-66.5 | 36.5 | 33.5-39.7 | 2,057 |
| Some primary school/Islamic primary school | 72.1 | 70.0-74.2 | 27.9 | 25.8-30.0 | 3,570 |
| Primary school/Islamic primary school graduate | 75.1 | 73.8-76.3 | 24.9 | 23.7-26.2 | 7,556 |
| Junior secondary school/Islamic junior secondary school graduate | 82.3 | 81.0-83.5 | 17.7 | 16.5-19.0 | 5,476 |
| Senior secondary school/Islamic senior secondary school graduate | 82.3 | 81.1-83.4 | 17.7 | 16.6-18.9 | 7,522 |
| D1/D2/D3 graduate | 78.0 | 74.3-81.4 | 22.0 | 18.6-25.7 | 696 |
| University graduate | 80.4 | 77.4-83.0 | 19.6 | 17.0-22.6 | 1,104 |
| Occupation | | | | | |
| Unemployed | 81.4 | 80.3-82.4 | 18.6 | 17.6-19.7 | 7,973 |
| Student | 90.2 | 88.5-91.6 | 9.8 | 8.4-11.5 | 3,586 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 75.4 | 71.3-79.1 | 24.6 | 20.9-28.7 | 565 |
| Private employee | 81.5 | 78.6-84.0 | 18.5 | 16.0-21.4 | 2,260 |
| Self-employed | 75.0 | 73.1-76.8 | 25.0 | 23.2-26.9 | 3,885 |
| Farmer/farm worker | 67.9 | 66.1-69.6 | 32.1 | 30.4-33.9 | 4,291 |
| Fisher | 63.7 | 52.7-73.4 | 36.3 | 26.6-47.3 | 158 |
| Labor/driver/domestic help | 76.0 | 73.4-78.4 | 24.0 | 21.6-26.6 | 2,082 |
| Others | 79.1 | 76.6-81.4 | 20.9 | 18.6-23.4 | 1,405 |
| Residence | | | | | |
| Urban | 76.4 | 75.4-77.4 | 23.6 | 22.6-24.6 | 18,018 |
| Rural | 74.6 | 73.4-75.8 | 25.4 | 24.2-26.6 | 11,234 |
| Economic Status | | | | | |
| Lowest | 73.8 | 72.2-75.4 | 26.2 | 24.6-27.8 | 4,573 |
| Lower middle | 74.6 | 72.9-76.2 | 25.4 | 23.8-27.1 | 5,850 |
| Middle | 77.1 | 75.6-78.5 | 22.9 | 21.5-24.4 | 6,532 |
| Upper middle | 75.8 | 74.3-77.1 | 24.2 | 22.9-25.7 | 6,906 |
| Highest | 76.9 | 75.2-78.5 | 23.1 | 21.5-24.8 | 5,391 |
| INDONESIA | 75.7 | 75.0-76.5 | 24.3 | 23.5-25.0 | 29,252 |

Table 6.26 Proportion of Anti HBc Titer Levels by Characteristic, 2023 SKI

| Characteristic | Anti HBc Titer | | | | Weighted N | |
|--|----------------|------------------|-------------|------------------|---------------|--|
| | Non-Reactive | | Reactive | | | |
| | % | 95% CI | % | 95% CI | | |
| Age Range (Year) | | | | | | |
| 0-4 | 98.8 | 97.6-99.4 | 1.2 | 0.6-2.4 | 1,280 | |
| 5-14 | 98.5 | 97.9-98.9 | 1.5 | 1.1-2.1 | 3,831 | |
| 15-24 | 93.8 | 92.6-94.9 | 6.2 | 5.1-7.4 | 5,048 | |
| 25-34 | 85.5 | 84.0-86.9 | 14.5 | 13.1-16.0 | 5,010 | |
| 35-44 | 75.3 | 73.8-76.8 | 24.7 | 23.2-26.2 | 4,724 | |
| 45-54 | 67.5 | 66.0-69.1 | 32.5 | 30.9-34.0 | 4,125 | |
| 55-64 | 61.2 | 59.4-63.0 | 38.8 | 37.0-40.6 | 3,033 | |
| 65-74 | 57.2 | 54.5-59.8 | 42.8 | 40.2-45.5 | 1,641 | |
| 75+ | 53.7 | 49.1-58.3 | 46.3 | 41.7-50.9 | 605 | |
| Sex | | | | | | |
| Male | 76.6 | 75.7-77.6 | 23.4 | 22.4-24.3 | 14,693 | |
| Female | 84.0 | 83.2-84.7 | 16.0 | 15.3-16.8 | 14,603 | |
| Education | | | | | | |
| Never attended school | 80.7 | 78.3-82.9 | 19.3 | 17.1-21.7 | 2,076 | |
| Some primary school/Islamic primary school | 83.6 | 82.1-85.0 | 16.4 | 15.0-17.9 | 3,579 | |
| Primary school/Islamic primary school graduate | 72.5 | 71.2-73.8 | 27.5 | 26.2-28.8 | 7,565 | |
| Junior secondary school/Islamic junior secondary school graduate | 82.3 | 81.1-83.4 | 17.7 | 16.6-18.9 | 5,478 | |
| Senior secondary school/Islamic senior secondary school graduate | 82.1 | 80.9-83.2 | 17.9 | 16.8-19.1 | 7,524 | |
| D1/D2/D3 graduate | 76.7 | 72.6-80.3 | 23.3 | 19.7-27.4 | 695 | |
| University graduate | 81.1 | 78.2-83.6 | 18.9 | 16.4-21.8 | 1,100 | |
| Occupation | | | | | | |
| Unemployed | 81.9 | 80.9-82.9 | 18.1 | 17.1-19.1 | 7,980 | |
| Student | 95.9 | 94.9-96.8 | 4.1 | 3.2-5.1 | 3,593 | |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 72.7 | 68.5-76.5 | 27.3 | 23.5-31.5 | 568 | |
| Private employee | 81.7 | 78.8-84.2 | 18.3 | 15.8-21.2 | 2,256 | |
| Self-employed | 73.5 | 71.6-75.3 | 26.5 | 24.7-28.4 | 3,881 | |
| Farmer/farm worker | 62.0 | 60.0-63.9 | 38.0 | 36.1-40.0 | 4,303 | |
| Fisher | 56.8 | 45.5-67.4 | 43.2 | 32.6-54.5 | 159 | |
| Labor/driver/domestic help | 75.1 | 72.5-77.4 | 24.9 | 22.6-27.5 | 2,083 | |
| Others | 76.5 | 73.8-79.0 | 23.5 | 21.0-26.2 | 1,405 | |
| Residence | | | | | | |
| Urban | 82.8 | 82-83.6 | 17.2 | 16.4-18.0 | 18,049 | |
| Rural | 76.3 | 75.2-77.4 | 23.7 | 22.6-24.8 | 11,247 | |
| Economic Status | | | | | | |
| Lowest | 73.6 | 71.9-75.3 | 26.4 | 24.7-28.1 | 4,585 | |
| Lower middle | 78.5 | 77.2-79.9 | 21.5 | 20.1-22.8 | 5,856 | |
| Middle | 81.0 | 79.7-82.2 | 19.0 | 17.8-20.3 | 6,533 | |
| Upper middle | 82.6 | 81.3-83.7 | 17.4 | 16.3-18.7 | 6,921 | |
| Highest | 84.1 | 82.9-85.3 | 15.9 | 14.7-17.1 | 5,401 | |
| INDONESIA | 80.3 | 79.6-80.9 | 19.7 | 19.1-20.4 | 29,296 | |

6.6. MALARIA

Malaria is a disease commonly characterized by high fever that can rise and fall periodically, accompanied by one or more other symptoms, such as chills, pale face, headache, dizziness, loss of appetite, nausea, vomiting, muscle pain, or stiffness. This disease is caused by malaria parasites and transmitted through the bite of *Anopheles* sp. mosquitoes. Definitive malaria diagnosis must be established through microscopic blood smear examination or rapid diagnostic tests (RDTs). In endemic areas, respondents usually recognize this disease accompanied by splenomegaly (enlarged spleen).

Artemisinin Combination Treatment (ACT) is a malaria medication that combines drugs from the Artemisinin group (types of artemisinin: Dihydroartemisinin, Artesunate, Artemether) combined with other anti-malaria drugs, such as Piperaquine, Amodiaquine, and Mefloquine. Currently, ACTs available in Indonesia include:

1. Dihydroartemisinin + Piperaquine
2. Artesunate + Amodiaquine
3. Artemether + Lumefantrine

Artemisinin (ACT) for 3 days + primaquine for 1 day is given to patients with Plasmodium Palcifarum-induced malaria for a duration of 3 days, while Artemisinin (ACT) for 3 days + primaquine for 14 days is given to patients with Plasmodium Vivax-induced malaria. Thus, the duration of ACT and Primaquine administration can serve as a proxy to determine the cause of malaria experienced by respondents.

$$\text{Prevalence of malaria} = \frac{\sum \text{Malaria positive cases from examination history}}{\text{Total number of household members}}$$

$$\text{Proportion of types of treatment} = \frac{\text{Types of drugs provided by doctors}}{\sum \text{Treated malaria cases}}$$

Malaria Examination

1. Malaria RDT Examination

Malaria RDT examination is conducted on all biomedical household member respondents representing national figures.

A '**negative**' test result is when the malaria RDT examination shows no detection of Plasmodium antigen, the causative agent of malaria.

$$\text{Prevalence of 'negative' test result} = \frac{\sum \text{Biomedical household members with negative malaria RDT result}}{\sum \text{Total biomedical household members tested for malaria RDT}}$$

A '**positive**' test result is when the malaria RDT examination shows detection of Plasmodium antigen, including P. falciparum, non-falciparum (PAN), and a combination of P. falciparum and PAN.

$$\text{Prevalence of 'positive' test result} = \frac{\sum \text{Biomedical household members with positive malaria RDT result}}{\sum \text{Total biomedical household members tested for malaria RDT}}$$

2. Prevalence of Plasmodium Types Found in the 2023 SKI

- a. '***P. falciparum***' examination result: The outcome of the malaria RDT examination indicating the detection of a specific antigen responsible for malaria, namely *P. falciparum*.
 - b. '**Non-falciparum (PAN)**' examination result: The outcome of the malaria RDT examination showing the detection of malaria-causing Plasmodium other than the *P. falciparum* species.
 - c. '***P. falciparum* and PAN**' examination result: The outcome of the malaria RDT examination revealing the detection of Plasmodium antigen responsible for malaria, in the form of a combination of both *P. falciparum* and non-falciparum (PAN) species.

$$\text{Prevalence of } "P.falciparum"\text{ plasmodium} = \frac{\text{Number of biomedical household members with } P. falciparum \text{ malaria RDT result}}{\text{Total number of biomedical household members with positive malaria RDT result}}$$

$$\text{Prevalence of "non falciparum" plasmodium} = \frac{\text{(PAN) malaria RDT result}}{\text{Total number of biomedical household members with positive malaria RDT result}}$$

$$\text{Prevalence of } "P. falciparum \text{ and PAN}" \text{ plasmodium} = \frac{\text{Number of biomedical household members with } P. falciparum \text{ and PAN malaria RDT result}}{\text{Total number of biomedical household members with positive malaria RDT result}}$$

Table 6.27 Prevalence of Malaria and Its Treatments in All Ages by Province, 2023 SKI

| Province | Prevalence of Malaria* | | Weighted N | Treatment | | | Weighted N |
|-------------------------|------------------------|--------------------|----------------|-------------------------|-------------|------------|--------------|
| | % | 95% CI | | ACT 3 Days + Primaquine | 1 Day | 14 Days | |
| | | | | | | | |
| Aceh | 0.35 | 0.28 - 0.46 | 17,271 | 3.1 | 3.7 | 3.3 | 104 |
| North Sumatra | 0.38 | 0.28 - 0.52 | 48,469 | 6.2 | 8.0 | 6.7 | 315 |
| West Sumatra | 0.21 | 0.15 - 0.28 | 18,138 | 7.9 | 2.3 | 0 | 64 |
| Riau | 0.30 | 0.22 - 0.43 | 20,925 | 9.8 | 5.3 | 5.8 | 108 |
| Jambi | 0.25 | 0.17 - 0.38 | 11,588 | 12.0 | 18.4 | 1.0 | 50 |
| South Sumatra | 0.36 | 0.28 - 0.47 | 27,532 | 21.0 | 15.7 | 17.5 | 170 |
| Bengkulu | 0.63 | 0.47 - 0.85 | 6,571 | 28.9 | 11.9 | 11.3 | 71 |
| Lampung | 0.48 | 0.35 - 0.65 | 29,331 | 4.0 | 6.0 | 8.6 | 238 |
| Bangka Belitung Islands | 0.39 | 0.28 - 0.55 | 4,763 | 16.0 | 5.4 | 4.2 | 32* |
| Riau Islands | 0.12 | 0.06 - 0.25 | 6,782 | 2.7 | 2.0 | 0 | 14* |
| DKI Jakarta | 0.16 | 0.08 - 0.31 | 33,552 | 0 | 17.7 | 0 | 89 |
| West Java | 0.15 | 0.11 - 0.21 | 156,977 | 10.3 | 13.7 | 0 | 414 |
| Central Java | 0.13 | 0.10 - 0.17 | 118,184 | 2.0 | 4.9 | 4.9 | 260 |
| DI Yogyakarta | 0.11 | 0.05 - 0.24 | 11,757 | 9.4 | 8.9 | 0 | 23* |
| East Java | 0.14 | 0.11 - 0.19 | 130,683 | 2.9 | 5.6 | 6.8 | 319 |
| Banten | 0.19 | 0.11 - 0.31 | 38,751 | 8.1 | 0.6 | 0 | 125 |
| Bali | 0.09 | 0.05 - 0.19 | 13,859 | 4.5 | 6.6 | 0 | 22* |
| West Nusa Tenggara | 0.18 | 0.10 - 0.30 | 17,522 | 30.2 | 9.9 | 12.7 | 53 |
| East Nusa Tenggara | 0.71 | 0.58 - 0.86 | 17,550 | 30.1 | 28.3 | 9.9 | 212 |
| West Kalimantan | 0.20 | 0.14 - 0.29 | 17,713 | 9.2 | 19.0 | 2.2 | 60 |
| Central Kalimantan | 0.28 | 0.18 - 0.43 | 8,737 | 12.4 | 3.5 | 3.2 | 41* |
| South Kalimantan | 0.25 | 0.18 - 0.34 | 13,299 | 0.8 | 8.0 | 2.4 | 56 |
| East Kalimantan | 0.29 | 0.19 - 0.45 | 12,360 | 25.0 | 9.3 | 12.5 | 61 |
| North Kalimantan | 0.33 | 0.16 - 0.71 | 2,300 | 15.8 | 0 | 0 | 13* |
| North Sulawesi | 0.46 | 0.34 - 0.62 | 8,439 | 17.0 | 11.8 | 17.7 | 66 |
| Central Sulawesi | 0.67 | 0.45 - 0.99 | 9,721 | 15.4 | 14.5 | 9.7 | 111 |
| South Sulawesi | 0.23 | 0.18 - 0.30 | 29,481 | 8.8 | 16.7 | 3.1 | 115 |
| Southeast Sulawesi | 0.26 | 0.18 - 0.38 | 8,664 | 10.3 | 12.5 | 5.2 | 39* |
| Gorontalo | 0.25 | 0.14 - 0.44 | 3,821 | 12.6 | 8.9 | 3.2 | 16* |
| West Sulawesi | 0.54 | 0.37 - 0.79 | 4,667 | 13.3 | 10.1 | 2.8 | 43* |
| Maluku | 0.47 | 0.34 - 0.65 | 6,050 | 5.4 | 15.0 | 4.9 | 49* |
| North Maluku | 0.47 | 0.32 - 0.68 | 4,213 | 9.8 | 8.2 | 5.4 | 34* |
| West Papua | 5.35 | 3.74 - 7.60 | 1,795 | 32.1 | 51.1 | 11.2 | 164 |
| Southwest Papua | 2.57 | 2.01 - 3.29 | 1,947 | 25.9 | 54.0 | 6.0 | 85 |
| Papua | 21.4 | 19.24 - 23.85 | 3,299 | 69.4 | 31.2 | 6.3 | 1,206 |
| South Papua | 7.73 | 6.28 - 9.47 | 1,684 | 62.9 | 32.5 | 11.3 | 222 |
| Central Papua | 19.3 | 14.94 - 24.59 | 4,577 | 57.5 | 25.3 | 11.8 | 1,506 |
| Highland Papua | 8.82 | 5.80 - 13.18 | 4,563 | 57.8 | 50.5 | 3.7 | 685 |
| INDONESIA | 0.49 | 0.45 - 0.53 | 877,531 | 36.7 | 22.9 | 7.3 | 7,252 |

*Weighted N < 50

Table 6.28 Prevalence and Treatment of Malaria by Respondent Characteristic, 2023 SKI

| Characteristic | Prevalence of Malaria* | | Weighted N | Treatment | | | Weighted N |
|--|------------------------|-------------|------------|-----------|-----------------------------|--------|------------|
| | % | 95% CI | | ACT 1 Day | 3 Days + Primaquine 14 Days | Others | |
| Age Range (Year) | | | | | | | |
| < 1 | 0.17 | 0.11 - 0.27 | 11,518 | 15.2 | 2.0 | 1.5 | 33* |
| 1-4 | 0.37 | 0.32 - 0.44 | 59,253 | 28.5 | 22.4 | 2.4 | 377 |
| 5-14 | 0.41 | 0.36 - 0.46 | 138,465 | 39.1 | 23.6 | 3.5 | 963 |
| 15-24 | 0.56 | 0.45 - 0.70 | 139,891 | 35.1 | 19.9 | 14.0 | 1,343 |
| 25-34 | 0.55 | 0.48 - 0.63 | 140,206 | 34.1 | 27.9 | 7.5 | 1,315 |
| 35-44 | 0.61 | 0.46 - 0.79 | 131,595 | 45.7 | 24.8 | 7.3 | 1,358 |
| 45-54 | 0.50 | 0.39 - 0.64 | 113,367 | 42.3 | 20.2 | 4.3 | 970 |
| 55-64 | 0.39 | 0.33 - 0.46 | 81,723 | 22.3 | 22.2 | 6.5 | 541 |
| 65-74 | 0.36 | 0.28 - 0.46 | 44,881 | 30.3 | 20.0 | 5.6 | 274 |
| 75+ | 0.27 | 0.15 - 0.49 | 16,632 | 27.4 | 7.8 | 3.7 | 77 |
| Sex | | | | | | | |
| Male | 0.52 | 0.47 - 0.58 | 443,261 | 38.4 | 23.7 | 7.3 | 3,955 |
| Female | 0.45 | 0.39 - 0.50 | 434,270 | 34.8 | 21.9 | 7.2 | 3,297 |
| Education | | | | | | | |
| Never attended school | 0.34 | 0.29 - 0.40 | 69,130 | 41.9 | 32.4 | 4.7 | 807 |
| Some primary school/Islamic primary school | 0.69 | 0.54 - 0.87 | 115,061 | 36.8 | 19.9 | 11.7 | 1,190 |
| Primary school/Islamic primary school graduate | 0.61 | 0.47 - 0.78 | 197,786 | 27.4 | 22.6 | 5.4 | 1,186 |
| Junior secondary school/Islamic junior secondary school graduate | 0.35 | 0.31 - 0.39 | 144,075 | 31.6 | 26.5 | 10.8 | 1,015 |
| Senior secondary school/Islamic senior secondary school graduate | 0.41 | 0.35 - 0.48 | 216,658 | 44.3 | 18.3 | 5.6 | 2,100 |
| D1/D2/D3/university graduate | 0.57 | 0.46 - 0.70 | 64,050 | 36.5 | 28.6 | 9.0 | 544 |
| Occupation | | | | | | | |
| Unemployed | 0.48 | 0.40 - 0.58 | 213,116 | 27.5 | 23.7 | 11.7 | 1,754 |
| Student | 0.44 | 0.38 - 0.50 | 117,785 | 38.8 | 26.4 | 3.2 | 875 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 0.80 | 0.64 - 1.00 | 20,811 | 43.0 | 43.0 | 7.0 | 283 |
| Private employee | 0.35 | 0.28 - 0.43 | 76,283 | 34.7 | 17.2 | 13.4 | 448 |
| Self-employed | 0.37 | 0.31 - 0.44 | 102,060 | 23.4 | 25.8 | 6.8 | 645 |
| Farmer/farm worker | 0.90 | 0.69 - 1.17 | 107,876 | 55.3 | 21.3 | 4.3 | 1,649 |
| Fisher | 1.18 | 0.91 - 1.53 | 5,358 | 48.9 | 20.5 | 9.9 | 108 |
| Labor/driver/domestic help | 0.26 | 0.20 - 0.35 | 54,102 | 22.2 | 16.5 | 6.4 | 244 |
| Others | 0.57 | 0.46 - 0.70 | 40,262 | 27.2 | 13.4 | 10.1 | 390 |
| Residence | | | | | | | |
| Urban | 0.34 | 0.31 - 0.37 | 512,403 | 31.1 | 23.5 | 5.2 | 2,973 |
| Rural | 0.69 | 0.60 - 0.78 | 365,128 | 40.6 | 22.5 | 8.7 | 4,279 |
| Economic Status | | | | | | | |
| Lowest | 1.28 | 1.06 - 1.54 | 125,275 | 51.4 | 24.3 | 10.1 | 2,728 |
| Lower middle | 0.41 | 0.36 - 0.47 | 158,606 | 28.3 | 23.2 | 7.1 | 1,107 |
| Middle | 0.34 | 0.30 - 0.38 | 185,555 | 23.9 | 17.1 | 5.1 | 1,063 |
| Upper middle | 0.33 | 0.30 - 0.38 | 204,817 | 31.5 | 27.7 | 6.1 | 1,167 |
| Highest | 0.34 | 0.30 - 0.39 | 203,216 | 27.5 | 20.0 | 4.0 | 1,185 |

Nationally, the proportion of respondents who completed their malaria medication is 87.7% (95% CI 85.6 – 89.5%, weighted N = 4,819). Meanwhile, of the 12.3% of respondents who had malaria and did not take their medication regularly, the reasons given were feeling already healthy (26.3%), medication not available at healthcare facilities (63.1%), taking traditional medicine (2.3%), being bored/lazy/often forgetting (4.0%), or other reasons (4.3%), with a weighted N = 2,591.

Table 6.29 Proportion of Respondents Who Completed Their Anti-Malaria Medication by Characteristic, 2023 SKI

| Characteristic | Completed Anti-Malaria Medication | | Weighted N |
|--|-----------------------------------|-------------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| < 1 | 93.8 | 75.0 - 98.7 | 6* |
| 1-4 | 93.9 | 89.7 - 96.5 | 215 |
| 5-14 | 86.7 | 83.4 - 89.4 | 680 |
| 15-24 | 82.6 | 72.6 - 89.4 | 848 |
| 25-34 | 84.8 | 80.0 - 88.6 | 887 |
| 35-44 | 91.6 | 86.8 - 94.8 | 1,056 |
| 45-54 | 89.2 | 81.8 - 93.8 | 694 |
| 55-64 | 88.5 | 83.5 - 92.1 | 266 |
| 65-74 | 95.1 | 90.2 - 97.6 | 140 |
| 75+ | 83.9 | 54.1 - 95.8 | 26* |
| Sex | | | |
| Male | 87.2 | 84.7 - 89.4 | 2,742 |
| Female | 88.3 | 84.8 - 91.1 | 2,077 |
| Education | | | |
| Never attended school | 85.7 | 80.1 - 89.9 | 639 |
| Some primary school/Islamic primary school | 82.4 | 76.3 - 87.2 | 756 |
| Primary school/Islamic primary school graduate | 87.2 | 82.0 - 91.0 | 667 |
| Junior secondary school/Islamic junior secondary school graduate | 87.1 | 82.5 - 90.6 | 665 |
| Senior secondary school/Islamic senior secondary school graduate | 90.8 | 86.4 - 93.8 | 1,514 |
| D1/D2/D3/university graduate | 88.0 | 80.9 - 92.7 | 356 |
| Occupation | | | |
| Unemployed | 86.2 | 82.7 - 89.1 | 994 |
| Student | 80.8 | 73.0 - 86.8 | 639 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 85.6 | 80.1 - 89.8 | 233 |
| Private employee | 91.7 | 85.3 - 95.4 | 264 |
| Self-employed | 86.5 | 77.9 - 92.1 | 343 |
| Farmer/farm worker | 90.5 | 85.6 - 93.8 | 1,441 |
| Fisher | 90.2 | 82.9 - 94.6 | 87 |
| Labor/driver/domestic help | 80.3 | 64.8 - 90.0 | 105 |
| Others | 87.2 | 80.7 - 91.8 | 178 |
| Residence | | | |
| Urban | 85.6 | 82.6 - 88.2 | 1,778 |
| Rural | 88.9 | 86.1 - 91.2 | 3,041 |
| Economic Status | | | |
| Lowest | 89.5 | 86.0 - 92.2 | 2,312 |
| Lower middle | 84.5 | 80.3 - 87.9 | 636 |
| Middle | 85.8 | 81.2 - 89.4 | 498 |
| Upper middle | 87.3 | 83.5 - 90.4 | 747 |
| Highest | 86.4 | 81.4 - 90.2 | 624 |

*Weighted N < 50

Table 6.30 Proportion of Reasons for Not Completing Anti-Malaria Medication by Characteristic, 2023 SKI

| Characteristic | Reasons for Not Completing Anti-Malaria Medication (%) | | | | | Weighted N |
|--|--|--|-----------------------------|----------------------------|--------|------------|
| | Feeling Healthy Already | Drugs Unavailable at Healthcare Facilities | Taking Traditional Medicine | Reluctant/Often Forgetting | Others | |
| Age Range (Year) | | | | | | |
| < 1 | 0.8 | 90.3 | 6.9 | 1.5 | 0.4 | 21* |
| 1-4 | 16.4 | 73.0 | 2.7 | 3.2 | 4.7 | 161 |
| 5-14 | 21.8 | 69.8 | 0.7 | 2.8 | 5.0 | 351 |
| 15-24 | 30.7 | 60.0 | 1.3 | 3.6 | 4.4 | 473 |
| 25-34 | 31.1 | 57.7 | 1.7 | 3.6 | 6.0 | 457 |
| 35-44 | 24.8 | 62.6 | 3.7 | 5.7 | 3.2 | 384 |
| 45-54 | 28.7 | 59.6 | 4.4 | 3.2 | 4.1 | 327 |
| 55-64 | 25.6 | 66.9 | 2.2 | 1.9 | 3.5 | 253 |
| 65-74 | 24.0 | 62.7 | 2.0 | 8.1 | 3.1 | 114 |
| 75+ | 21.2 | 60.5 | 0.1 | 15.6 | 2.6 | 45* |
| Sex | | | | | | |
| Male | 27.1 | 62.6 | 2.6 | 3.9 | 3.9 | 1,364 |
| Female | 25.5 | 63.7 | 1.9 | 4.0 | 4.9 | 1,226 |
| Education | | | | | | |
| Never attended school | 36.3 | 49.3 | 1.4 | 3.4 | 9.6 | 248 |
| Some primary school/Islamic primary school | 28.0 | 64.1 | 2.0 | 3.0 | 2.9 | 384 |
| Primary school/Islamic primary school graduate | 26.2 | 62.2 | 1.7 | 5.2 | 4.7 | 509 |
| Junior secondary school/Islamic junior secondary school graduate | 32.9 | 57.3 | 2.9 | 3.9 | 3.0 | 381 |
| Senior secondary school/Islamic senior secondary school graduate | 21.5 | 68.7 | 1.6 | 4.4 | 3.8 | 687 |
| D1/D2/D3/university graduate | 25.7 | 61.6 | 5.6 | 3.1 | 4.0 | 195 |
| Occupation | | | | | | |
| Unemployed | 27.2 | 60.7 | 1.9 | 4.7 | 5.4 | 641 |
| Student | 29.1 | 61.8 | 1.0 | 3.9 | 4.2 | 335 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 46.3 | 38.9 | 6.3 | 1.1 | 7.5 | 82 |
| Private employee | 17.6 | 74.4 | 2.2 | 4.6 | 1.2 | 181 |
| Self-employed | 25.8 | 68.4 | 2.0 | 0.8 | 3.0 | 296 |
| Farmer/farm worker | 35.6 | 54.5 | 3.8 | 3.3 | 2.7 | 379 |
| Fisher | 42.9 | 35.3 | 6.3 | 5.5 | 10.0 | 25* |
| Labor/driver/domestic help | 13.7 | 73.7 | NA | 10.3 | 2.3 | 132 |
| Others | 22.6 | 61.0 | 2.3 | 5.5 | 8.6 | 177 |
| Residence | | | | | | |
| Urban | 21.1 | 67.2 | 1.8 | 4.8 | 5.1 | 1,265 |
| Rural | 31.3 | 59.2 | 2.7 | 3.2 | 3.6 | 1,325 |
| Economic Status | | | | | | |
| Lowest | 39.2 | 49.0 | 3.3 | 3.4 | 5.0 | 595 |
| Lower middle | 26.9 | 63.5 | 1.9 | 2.6 | 5.0 | 456 |
| Middle | 22.5 | 69.5 | 2.3 | 3.3 | 2.4 | 522 |
| Upper middle | 23.8 | 65.1 | 1.4 | 5.3 | 4.5 | 458 |
| Highest | 17.7 | 70.3 | 2.1 | 5.1 | 4.8 | 557 |

* Weighted N < 50

Table 6.31 Prevalence of Malaria RDT Examination Results by Characteristic, 2023 SKI

| Characteristic | Positive Malaria RDT | | Weighted N |
|--|----------------------|----------------|---------------|
| | % | 95%CI | |
| Age Range (Year) | | | |
| 0-4 | 0.9 | 0.4-2.1 | 2,953 |
| 5-9 | 0.4 | 0.2-0.7 | 2,918 |
| 10-14 | 0.7 | 0.4-1.3 | 2,928 |
| ≥ 15 | 0.7 | 0.5-0.8 | 28,202 |
| Sex | | | |
| Male | 0.7 | 0.5-0.9 | 18,688 |
| Female | 0.6 | 0.5-0.8 | 18,314 |
| Education | | | |
| Never attended school | 0.4 | 0.2-0.7 | 2,935 |
| Some primary school/Islamic primary school | 0.7 | 0.4-1.2 | 4,937 |
| Primary school/Islamic primary school graduate | 0.8 | 0.6-1.0 | 8,944 |
| Junior secondary school/Islamic junior secondary school graduate | 0.6 | 0.4-1.1 | 6,359 |
| Senior secondary school/Islamic senior secondary school graduate | 0.6 | 0.4-0.9 | 8,755 |
| D1/D2/D3 graduate | 0.6 | 0.3-1.6 | 866 |
| University graduate | 0.5 | 0.2-1.0 | 1,252 |
| Occupation | | | |
| Unemployed | 0.7 | 0.5-0.9 | 9,431 |
| Student | 0.7 | 0.4-1.1 | 4,623 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 0.3 | 0.1-0.9 | 657 |
| Private employee | 0.5 | 0.2-0.9 | 2,533 |
| Self-employed | 0.4 | 0.3-0.7 | 4,416 |
| Farmer/farm worker | 0.7 | 0.5-1.0 | 5,287 |
| Fisher | 1.7 | 0.3-8.0 | 187 |
| Labor/driver/domestic help | 1.4 | 0.7-2.9 | 2,316 |
| Others | 0.7 | 0.4-1.4 | 1,681 |
| Residence | | | |
| Urban | 0.7 | 0.5-0.9 | 21,574 |
| Rural | 0.6 | 0.5-0.9 | 15,428 |
| Economic Status | | | |
| Lowest | 0.5 | 0.3-1.0 | 5,725 |
| Lower middle | 0.6 | 0.4-0.9 | 7,527 |
| Middle | 0.6 | 0.4-0.9 | 8,324 |
| Upper middle | 0.9 | 0.6-1.3 | 8,655 |
| Highest | 0.7 | 0.4-1.0 | 6,771 |
| INDONESIA | 0.7 | 0.5-0.8 | 37,002 |

Table 6.32 Prevalence of Plasmodium Types in the Positive Malaria RDT Results by Characteristic, 2023 SKI

| Characteristic | Plasmodium Type | | | | | | Weighted N | |
|--|---------------------------|------------------|---------------------|-----------------|-------------------|----------------|------------|--|
| | <i>P. falciparum (Pf)</i> | | <i>Non Pf (PAN)</i> | | Mix (Pf + Non Pf) | | | |
| | % | 95%CI | % | 95%CI | % | 95%CI | | |
| Age Range (Year) | | | | | | | | |
| 0-4 | 97.1 | 95.2-98.2 | 0.0 | 0.0 – 0.0 | 2.9 | 1.8-4.8 | 27* | |
| 5-9 | 79.8 | 39.8-95.9 | 18.9 | 3.4-60.8 | 1.3 | 0.2-9.3 | 11* | |
| 10-14 | 93.3 | 84.7-97.2 | 0.7 | 0.1-4.8 | 6.1 | 2.7-13.3 | 21* | |
| ≥ 15 | 83.3 | 79.3-86.7 | 12.0 | 0.9-15.8 | 4.7 | 3.6-6.0 | 197 | |
| Sex | | | | | | | | |
| Male | 82.1 | 77.1-86.2 | 13.3 | 9.6-18.1 | 4.6 | 3.4-6.3 | 133 | |
| Female | 89.1 | 82.9-93.2 | 6.6 | 3.2-13.0 | 4.3 | 2.8-6.6 | 122 | |
| Education | | | | | | | | |
| Never attended school | 78.3 | 42.0-94.8 | 17.2 | 2.7-61.2 | 4.4 | 3.1-6.2 | 27* | |
| Some primary school/Islamic primary school | 95.8 | 89.0-98.5 | 0.7 | 0.1-5.4 | 3.4 | 1.5-7.8 | 11* | |
| Primary school/Islamic primary school graduate | 80.6 | 71.2-87.5 | 13.9 | 7.5-24.4 | 5.5 | 4.2-7.2 | 37* | |
| Junior secondary school/Islamic junior secondary school graduate | 76.7 | 69.8-82.4 | 20.3 | 15.3-26.4 | 3.0 | 2.3-4.0 | 71 | |
| Senior secondary school/Islamic senior secondary school graduate | 88.6 | 83.1-92.5 | 9.2 | 6.3-13.4 | 2.2 | 0.9-5.4 | 42* | |
| D1/D2/D3 graduate | 100.0 | 100.0-100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 56 | |
| University graduate | 58.8 | 45.0-71.4 | 0.0 | 0.0 | 41.2 | 28.6-55.0 | 6* | |
| Occupation | | | | | | | | |
| Unemployed | 86.4 | 75.3-93.0 | 8.8 | 3.3-21.6 | 4.8 | 2.8-8.1 | 67 | |
| Student | 91.7 | 85.5-95.4 | 0.4 | 0.1-3.3 | 7.9 | 4.5-13.4 | 31* | |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 100.0 | 100.0-100.0 | 0.0 | 0-0 | 0.0 | 0-0 | 2* | |
| Private employee | 94.6 | 82.1-98.5 | 0.0 | 0-0 | 5.4 | 1.5-17.9 | 12* | |
| Self-employed | 73.6 | 58.9-84.4 | 25.8 | 15-40.6 | 0.6 | 0.5-0.8 | 19* | |
| Farmer/farm worker | 86.2 | 83.5-88.5 | 8.9 | 7.4-10.7 | 4.9 | 4.1-5.9 | 37* | |
| Fisher | 100.0 | 100.0-100.0 | 0.0 | 0.0-0.0 | 0.0 | 0.0-0.0 | 3* | |
| Labor/driver/domestic help | 71.4 | 64.5-77.4 | 26.9 | 21.4-33.3 | 1.7 | 0.6-5.0 | 33* | |
| Others | 82.5 | 76.3-87.4 | 4.5 | 0.6-26.7 | 13.0 | 9.8-17.0 | 13* | |
| Residence | | | | | | | | |
| Urban | 81.7 | 75.7-86.5 | 13.9 | 9.7-19.4 | 4.4 | 2.8-6.9 | 154 | |
| Rural | 91.1 | 87.1-93.9 | 4.4 | 2.0-9.1 | 4.6 | 4.1-5.1 | 101 | |
| Economic Status | | | | | | | | |
| Lowest | 83.7 | 66.3-93.0 | 9.3 | 1.9-34.5 | 7.1 | 5.1-9.8 | 32* | |
| Lower middle | 95.5 | 91.4-97.7 | 3.1 | 2.4-4.0 | 1.4 | 0.2-9.9 | 44* | |
| Middle | 94.0 | 92.1-95.5 | 1.6 | 1.2-2.2 | 4.4 | 3.3-5.8 | 51 | |
| Upper middle | 73.3 | 65.7-79.7 | 21.9 | 16-29.3 | 4.8 | 3.5-6.5 | 83 | |
| Highest | 89.5 | 81.1-94.5 | 5.4 | 2.3-11.9 | 5.1 | 2.1-11.9 | 46* | |
| INDONESIA | 85.4 | 81.6-88.6 | 10.1 | 7.4-13.7 | 4.5 | 3.4-5.8 | 255 | |

*Weighted N < 50

Malaria Microscopic Examination

Microscopic examination for malaria was performed on malaria smear specimens from respondents who had a history of fever in the last 2 days. A total of 1,394 malaria smear specimens were examined. The microscopic examination results found 5 positive specimens, yielding a positive rate of $5/1,394 = 0.35\%$.

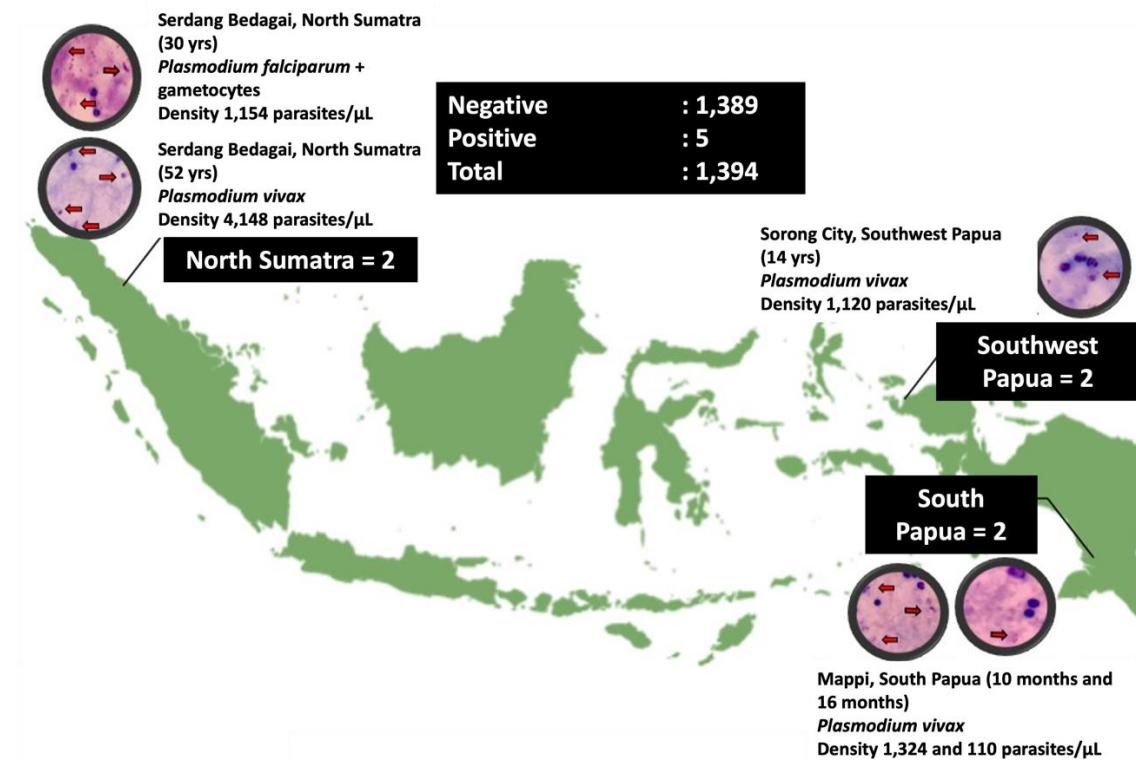


Figure 6.1. Prevalence of Malaria in Individuals with a History of Fever in the Last Two Days Based on Microscopic Examination, 2023 SKI

Distribution of cases shown in Figure 6.1 indicates that there were 2 cases found in North Sumatra, 1 case in Southwest Papua, and 2 cases in South Papua. The presence of *Plasmodium falciparum* gametocytes in North Sumatra is an indication that local transmission remains high, consistent with a parasite count greater than $1,000/\mu\text{L}$.

6.7. DENGUE HEMORRHAGIC FEVER (DHF)

In the SKI 2023, the incidence of dengue hemorrhagic fever (DHF) was measured through an interview with the question, "In the past year, has [NAME] been diagnosed with DHF by a doctor?" If the answer was "Yes," the individual was considered to have DHF. The prevalence of DHF is the percentage of household members who reported having been diagnosed with DHF by a doctor, calculated as follows:

$$\text{Prevalence of DHF} = \frac{\Sigma \text{ DHF cases based on doctor diagnosis history}}{\Sigma \text{ Household members of all ages}}$$

Table 6.33 Prevalence of Dengue Hemorrhagic Fever (DHF) in All Ages by Province, 2023 SKI

| Province | Dengue Hemorrhagic Fever (DHF) % | 95% CI | Weighted N |
|-------------------------|-------------------------------------|--------------------|----------------|
| Aceh | 0.58 | 0.47 - 0.72 | 17,271 |
| North Sumatra | 0.61 | 0.49 - 0.74 | 48,469 |
| West Sumatra | 0.56 | 0.44 - 0.72 | 18,138 |
| Riau | 0.53 | 0.32 - 0.87 | 20,925 |
| Jambi | 0.46 | 0.33 - 0.63 | 11,588 |
| South Sumatra | 0.44 | 0.31 - 0.61 | 27,532 |
| Bengkulu | 0.57 | 0.42 - 0.77 | 6,571 |
| Lampung | 0.34 | 0.25 - 0.46 | 29,331 |
| Bangka Belitung Islands | 0.43 | 0.29 - 0.64 | 4,763 |
| Riau Islands | 0.28 | 0.13 - 0.61 | 6,782 |
| DKI Jakarta | 1.81 | 1.12 - 2.93 | 33,552 |
| West Java | 0.78 | 0.64 - 0.94 | 156,977 |
| Central Java | 0.42 | 0.35 - 0.50 | 118,184 |
| DI Yogyakarta | 0.36 | 0.24 - 0.54 | 11,757 |
| East Java | 0.49 | 0.41 - 0.60 | 130,683 |
| Banten | 0.82 | 0.60 - 1.14 | 38,751 |
| Bali | 0.48 | 0.33 - 0.68 | 13,859 |
| West Nusa Tenggara | 0.64 | 0.45 - 0.90 | 17,522 |
| East Nusa Tenggara | 0.69 | 0.55 - 0.85 | 17,550 |
| West Kalimantan | 0.40 | 0.30 - 0.55 | 17,713 |
| Central Kalimantan | 0.40 | 0.28 - 0.55 | 8,737 |
| South Kalimantan | 0.47 | 0.34 - 0.65 | 13,299 |
| East Kalimantan | 0.72 | 0.54 - 0.95 | 12,360 |
| North Kalimantan | 0.53 | 0.33 - 0.86 | 2,300 |
| North Sulawesi | 0.50 | 0.38 - 0.66 | 8,439 |
| Central Sulawesi | 0.68 | 0.53 - 0.87 | 9,721 |
| South Sulawesi | 0.77 | 0.63 - 0.94 | 29,481 |
| Southeast Sulawesi | 0.58 | 0.42 - 0.81 | 8,664 |
| Gorontalo | 0.26 | 0.17 - 0.41 | 3,821 |
| West Sulawesi | 0.54 | 0.36 - 0.80 | 4,667 |
| Maluku | 0.30 | 0.20 - 0.46 | 6,050 |
| North Maluku | 0.59 | 0.41 - 0.83 | 4,213 |
| West Papua | 0.73 | 0.45 - 1.18 | 1,795 |
| Southwest Papua | 0.52 | 0.31 - 0.88 | 1,947 |
| Papua | 1.46 | 1.05 - 2.03 | 3,299 |
| South Papua | 1.56 | 0.93 - 2.62 | 1,684 |
| Central Papua | 3.90 | 2.56 - 5.90 | 4,577 |
| Highland Papua | 1.07 | 0.66 - 1.73 | 4,563 |
| INDONESIA | 0.64 | 0.59 - 0.70 | 877,531 |

Table 6.34 Prevalence of DHF by Characteristic, 2023 SKI

| Characteristic | DHF | | Weighted N |
|--|------|-------------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| < 1 | 0.19 | 0.12 - 0.31 | 11,518 |
| 1-4 | 0.70 | 0.60 - 0.82 | 59,253 |
| 5-14 | 0.80 | 0.72 - 0.89 | 138,465 |
| 15-24 | 0.73 | 0.64 - 0.85 | 139,891 |
| 25-34 | 0.65 | 0.56 - 0.75 | 140,206 |
| 35-44 | 0.56 | 0.49 - 0.65 | 131,595 |
| 45-54 | 0.56 | 0.48 - 0.65 | 113,367 |
| 55-64 | 0.56 | 0.48 - 0.65 | 81,723 |
| 65-74 | 0.57 | 0.43 - 0.77 | 44,881 |
| 75+ | 0.45 | 0.29 - 0.70 | 16,632 |
| Sex | | | |
| Male | 0.64 | 0.58 - 0.70 | 443,261 |
| Female | 0.65 | 0.59 - 0.71 | 434,270 |
| Education | | | |
| Never attended school | 0.77 | 0.66 - 0.90 | 69,130 |
| Some primary school/Islamic primary school | 0.72 | 0.62 - 0.82 | 115,061 |
| Primary school/Islamic primary school graduate | 0.53 | 0.47 - 0.60 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 0.60 | 0.51 - 0.70 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 0.69 | 0.60 - 0.80 | 216,658 |
| D1/D2/D3/university graduate | 0.69 | 0.57 - 0.83 | 64,050 |
| Occupation | | | |
| Unemployed | 0.65 | 0.60 - 0.70 | 213,116 |
| Student | 0.80 | 0.70 - 0.90 | 117,785 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 0.74 | 0.60 - 0.90 | 20,811 |
| Private employee | 0.78 | 0.60 - 1.00 | 76,283 |
| Self-employed | 0.53 | 0.40 - 0.60 | 102,060 |
| Farmer/farm worker | 0.47 | 0.40 - 0.50 | 107,876 |
| Fisher | 0.47 | 0.30 - 0.60 | 5,358 |
| Labor/driver/domestic help | 0.54 | 0.40 - 0.70 | 54,102 |
| Others | 0.69 | 0.60 - 0.90 | 40,262 |
| Residence | | | |
| Urban | 0.73 | 0.65 - 0.81 | 512,403 |
| Rural | 0.52 | 0.47 - 0.58 | 365,128 |
| Economic Status | | | |
| Lowest | 0.60 | 0.51 - 0.70 | 125,275 |
| Lower middle | 0.52 | 0.46 - 0.60 | 158,606 |
| Middle | 0.50 | 0.44 - 0.56 | 185,555 |
| Upper middle | 0.65 | 0.58 - 0.74 | 204,817 |
| Highest | 0.88 | 0.75 - 1.04 | 203,216 |

6.8. FILARIASIS

Elephantiasis (filariasis) is a zoonotic disease. In Indonesia, filariasis is one of the endemic diseases. The symptoms usually include swelling (edema) in specific areas (along the lymphatic vessels in the human body). These symptoms can manifest as the enlargement of the limbs (elephantiasis) or arms, and the enlargement of the scrotum/vagina, with the swelling (edema) being permanent. Filariasis is chronic and rarely causes death in sufferers. In the early stages, it can also be asymptomatic. The Mass Drug Administration (MDA) program for filariasis, administered once a year for five consecutive years, aims to break the transmission chain of filariasis in endemic areas. To date, the MDA has been implemented in 236 districts/cities across 27 provinces in Indonesia. The 2023 SKI aims to assess the success of the MDA program by asking respondents over 2 years old, "Has [NAME] ever been given preventive filariasis medication (diethylcarbamazine citrate and albendazole) by healthcare workers?"

$$\text{Filariasis in MDA-covered endemic areas} = \frac{\sum \text{Household members aged } >2 \text{ years receiving filariasis MDA in endemic areas}}{\sum \text{Household members aged } >2 \text{ years in endemic areas}}$$

The prevalence of Filariasis is measured across all ages based on the diagnosis history by healthcare professionals (doctors/nurses/midwives) between 2018 and the time of survey.

$$\text{Prevalence of filariasis} = \frac{\text{Number of filariasis cases (2018–2023)}}{\text{Number of household members of all ages in endemic areas}}$$

**Table 6.35 Prevalence of Filariasis in All Ages by Province (2018–2023),
2023 SKI**

| Province | Filariasis | | Weighted N |
|-------------------------|------------|------------------|----------------|
| | % | 95% CI | |
| Aceh | 2.1 | 1.8 - 2.4 | 17,271 |
| North Sumatra | 1.4 | 1.2 - 1.6 | 48,469 |
| West Sumatra | 1.8 | 1.6 - 2.1 | 18,138 |
| Riau | 1.8 | 1.6 - 2.1 | 20,925 |
| Jambi | 1.5 | 1.2 - 1.8 | 11,588 |
| South Sumatra | 1.7 | 1.5 - 2.0 | 27,532 |
| Bengkulu | 1.6 | 1.4 - 1.9 | 6,571 |
| Lampung | 1.9 | 1.7 - 2.3 | 29,331 |
| Bangka Belitung Islands | 2.5 | 2.0 - 3.2 | 4,763 |
| Riau Islands | 1.3 | 1.0 - 1.8 | 6,782 |
| DKI Jakarta | 1.2 | 0.9 - 1.5 | 33,552 |
| West Java | 1.5 | 1.4 - 1.7 | 156,977 |
| Central Java | 1.5 | 1.4 - 1.7 | 118,184 |
| DI Yogyakarta | 1.4 | 1.1 - 1.8 | 11,757 |
| East Java | 1.2 | 1.1 - 1.3 | 130,683 |
| Banten | 1.6 | 1.3 - 1.9 | 38,751 |
| Bali | 0.9 | 0.7 - 1.2 | 13,859 |
| West Nusa Tenggara | 0.9 | 0.7 - 1.2 | 17,522 |
| East Nusa Tenggara | 1.9 | 1.7 - 2.2 | 17,550 |
| West Kalimantan | 1.5 | 1.2 - 1.8 | 17,713 |
| Central Kalimantan | 2.7 | 2.3 - 3.2 | 8,737 |
| South Kalimantan | 1.9 | 1.7 - 2.3 | 13,299 |
| East Kalimantan | 1.9 | 1.6 - 2.4 | 12,360 |
| North Kalimantan | 1.1 | 0.7 - 1.6 | 2,300 |
| North Sulawesi | 1.3 | 1.0 - 1.6 | 8,439 |
| Central Sulawesi | 1.4 | 1.2 - 1.6 | 9,721 |
| South Sulawesi | 1.2 | 1.1 - 1.4 | 29,481 |
| Southeast Sulawesi | 1.7 | 1.5 - 1.9 | 8,664 |
| Gorontalo | 1.6 | 1.2 - 2.2 | 3,821 |
| West Sulawesi | 2.3 | 1.9 - 2.8 | 4,667 |
| Maluku | 1.9 | 1.6 - 2.2 | 6,050 |
| North Maluku | 2.1 | 1.7 - 2.6 | 4,213 |
| West Papua | 2.3 | 1.7 - 3.1 | 1,795 |
| Southwest Papua | 1.7 | 1.3 - 2.2 | 1,947 |
| Papua | 2.7 | 2.2 - 3.3 | 3,299 |
| South Papua | 2.3 | 1.8 - 3.0 | 1,684 |
| Central Papua | 4.8 | 3.1 - 7.3 | 4,577 |
| Highland Papua | 2.4 | 1.7 - 3.5 | 4,563 |
| INDONESIA | 1.5 | 1.5 - 1.6 | 877,531 |

Table 6.36. Prevalence of Filariasis (2018–2023) by Characteristic, 2023 SKI

| Characteristic | Diagnosis | | Weighted N |
|--|-----------|-----------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| < 1 | 2.0 | 1.7 - 2.3 | 11,518 |
| 1-4 | 2.0 | 1.9 - 2.2 | 59,253 |
| 5-14 | 1.7 | 1.6 - 1.8 | 138,465 |
| 15-24 | 1.5 | 1.4 - 1.7 | 139,891 |
| 25-34 | 1.5 | 1.4 - 1.6 | 140,206 |
| 35-44 | 1.5 | 1.4 - 1.6 | 131,595 |
| 45-54 | 1.4 | 1.3 - 1.5 | 113,367 |
| 55-64 | 1.4 | 1.3 - 1.5 | 81,723 |
| 65-74 | 1.3 | 1.2 - 1.5 | 44,881 |
| 75+ | 1.3 | 1.0 - 1.6 | 16,632 |
| Sex | | | |
| Male | 1.5 | 1.4 - 1.6 | 443,261 |
| Female | 1.6 | 1.5 - 1.6 | 434,270 |
| Education | | | |
| Never attended school | 1.8 | 1.6 - 1.9 | 69,130 |
| Some primary school/Islamic primary school | 1.7 | 1.5 - 1.8 | 115,061 |
| Primary school/Islamic primary school graduate | 1.4 | 1.3 - 1.5 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 1.4 | 1.3 - 1.5 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 1.4 | 1.4 - 1.5 | 216,658 |
| D1/D2/D3/university graduate | 1.5 | 1.3 - 1.6 | 64,050 |
| Occupation | | | |
| Unemployed | 1.6 | 1.5 - 1.7 | 213,116 |
| Student | 1.5 | 1.4 - 1.6 | 117,785 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 1.4 | 1.2 - 1.6 | 20,811 |
| Private employee | 1.2 | 1.1 - 1.4 | 76,283 |
| Self-employed | 1.4 | 1.3 - 1.6 | 102,060 |
| Fisher | 1.4 | 1.3 - 1.6 | 107,876 |
| Farmer/farm worker | 1.2 | 0.8 - 1.6 | 5,358 |
| Others | 1.5 | 1.3 - 1.7 | 54,102 |
| Residence | | | |
| Urban | 1.7 | 1.5 - 1.9 | 40,262 |
| Rural | 1.4 | 1.4 - 1.5 | 512,403 |
| Economic Status | | | |
| Lowest | 1.8 | 1.6 - 1.9 | 125,275 |
| Lower middle | 1.5 | 1.4 - 1.6 | 158,606 |
| Middle | 1.5 | 1.4 - 1.6 | 185,555 |
| Upper middle | 1.5 | 1.4 - 1.6 | 204,817 |
| Highest | 1.5 | 1.4 - 1.6 | 877,470 |

Table 6.37. Proportion of Mass Drug Administration (MDA) for Filariasis in Endemic Areas during the MDA Period (2018–2023) by Province, 2023 SKI

| Province | Have Received MDA for Filariasis | | Weighted N |
|-------------------------|----------------------------------|--------------------|----------------|
| | % | 95% CI | |
| Aceh | 51.3 | 48.7 - 54.0 | 10,840 |
| North Sumatra | 42.7 | 36.5 - 49.2 | 4,343 |
| Jambi | 44.5 | 34.2 - 55.3 | 925 |
| South Sumatra | 51.3 | 47.5 - 55.1 | 7,475 |
| Bangka Belitung Islands | 61.5 | 56.5 - 66.4 | 2,148 |
| Riau Islands | 53.9 | 49.2 - 58.5 | 5,576 |
| West Java | 54.3 | 50.5 - 58.1 | 30,901 |
| Central Java | 72.4 | 70.4 - 74.2 | 40,667 |
| East Nusa Tenggara | 55.1 | 53.4 - 56.7 | 15,046 |
| West Kalimantan | 57.8 | 54.7 - 60.9 | 15,183 |
| Central Kalimantan | 55.5 | 51.9 - 59.1 | 5,050 |
| South Kalimantan | 61.0 | 57.3 - 64.5 | 3,674 |
| East Kalimantan | 29.1 | 23.8 - 35.0 | 2,810 |
| North Kalimantan | 65.4 | 59.4 - 70.9 | 1,062 |
| Central Sulawesi | 44.4 | 40.9 - 47.9 | 3,862 |
| South Sulawesi | 13.4 | 8.2 - 21.1 | 1,396 |
| Southeast Sulawesi | 31.0 | 28.0 - 34.2 | 4,134 |
| Gorontalo | 45.8 | 39.7 - 52.1 | 1,250 |
| West Sulawesi | 48.4 | 43.8 - 53.0 | 1,801 |
| Maluku | 45.1 | 42.0 - 48.4 | 6,279 |
| North Maluku | 21.0 | 18.4 - 23.9 | 2,305 |
| West Papua | 60.3 | 56.0 - 64.5 | 2,055 |
| Southwest Papua | 54.5 | 51.3 - 57.7 | 2,405 |
| Papua | 33.3 | 30.3 - 36.4 | 3,317 |
| South Papua | 56.4 | 45.5 - 66.7 | 444 |
| Central Papua | 34.2 | 26.1 - 43.2 | 3,928 |
| Highland Papua | 31.6 | 24.7 - 39.5 | 3,544 |
| INDONESIA | 54.9 | 54.0 - 55.9 | 182,421 |

Table 6.38. Proportion of Mass Drug Administration (MDA) for Filariasis in Endemic Areas during the MDA Period (2018–2023) by Characteristic, 2023 SKI

| Characteristic | Have Received MDA for Filariasis | | Weighted N |
|--|----------------------------------|-------------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| < 1 | 16.3 | 15.3 - 17.4 | 10,625 |
| 1-4 | 53.8 | 52.4 - 55.1 | 31,136 |
| 5-14 | 57.0 | 55.3 - 58.7 | 31,023 |
| 15-24 | 54.4 | 52.8 - 56.0 | 31,155 |
| 25-34 | 61.0 | 59.6 - 62.5 | 28,293 |
| 35-44 | 62.4 | 60.9 - 63.9 | 23,238 |
| 45-54 | 59.3 | 57.8 - 60.9 | 15,819 |
| 55-64 | 54.2 | 52.0 - 56.4 | 8,208 |
| 65-74 | 49.4 | 45.6 - 53.3 | 2,923 |
| Sex | | | |
| Male | 53.3 | 52.2 - 54.4 | 92,982 |
| Female | 56.5 | 55.6 - 57.5 | 89,439 |
| Education | | | |
| Never attended school | 45.6 | 43.6 - 47.5 | 15,687 |
| Some primary school/Islamic primary school | 56.2 | 54.8 - 57.7 | 26,830 |
| Primary school/Islamic primary school graduate | 62.3 | 60.9 - 63.7 | 45,590 |
| Junior secondary school/Islamic junior secondary school graduate | 61.4 | 60.0 - 62.8 | 30,240 |
| Senior secondary school/Islamic senior secondary school graduate | 55.3 | 53.8 - 56.7 | 41,817 |
| D1/D2/D3/university graduate | 52.4 | 50.5 - 54.3 | 11,632 |
| Occupation | | | |
| Unemployed | 61.1 | 59.4 - 62.9 | 25,348 |
| Student | 54.1 | 51.9 - 56.4 | 4,878 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 55.7 | 52.7 - 58.6 | 12,061 |
| Private employee | 57.3 | 55.4 - 59.2 | 19,086 |
| Self-employed | 61.0 | 59.6 - 62.5 | 28,274 |
| Fisher | 51.7 | 46.3 - 57.1 | 1,873 |
| Farmer/farm worker | 62.8 | 59.8 - 65.6 | 9,396 |
| Others | 53.7 | 51.9 - 55.6 | 9,912 |
| Residence | | | |
| Urban | 52.4 | 50.9 - 54.0 | 84,815 |
| Rural | 57.1 | 55.9 - 58.2 | 97,606 |
| Economic Status | | | |
| Lowest | 54.6 | 53.2 - 56.1 | 40,677 |
| Lower middle | 56.2 | 54.7 - 57.7 | 34,403 |
| Middle | 57.7 | 55.9 - 59.4 | 37,401 |
| Upper middle | 54.7 | 52.9 - 56.5 | 37,024 |
| Highest | 51.0 | 49.0 - 52.9 | 32,858 |

Table 6.39. Proportion of Individuals Taking Preventive Filariasis Medication as Advised by Health Professionals in Filariasis Endemic Areas by Province, 2023 SKI

| Province | Taking Medication as Advised | | Weighted N |
|-------------------------|------------------------------|--------------------|---------------|
| | % | 95% CI | |
| Aceh | 60.8 | 57.8 - 63.8 | 5,273 |
| North Sumatra | 83.6 | 78.9 - 87.5 | 1,758 |
| Jambi | 79.3 | 66.7 - 88.0 | 390 |
| South Sumatra | 71.1 | 67.3 - 74.7 | 3,635 |
| Bangka Belitung Islands | 80.8 | 77.7 - 83.6 | 1,253 |
| Riau Islands | 71.0 | 66.5 - 75.0 | 2,849 |
| West Java | 65.4 | 61.5 - 69.1 | 15,912 |
| Central Java | 69.9 | 67.6 - 72.2 | 27,892 |
| East Nusa Tenggara | 91.8 | 90.1 - 93.2 | 7,850 |
| West Kalimantan | 67.5 | 63.5 - 71.3 | 8,322 |
| Central Kalimantan | 68.3 | 63.3 - 72.9 | 2,655 |
| South Kalimantan | 73.8 | 70.2 - 77.2 | 2,123 |
| East Kalimantan | 74.9 | 69.2 - 79.9 | 775 |
| North Kalimantan | 72.9 | 62.6 - 81.1 | 658 |
| Central Sulawesi | 76.0 | 72.2 - 79.5 | 1,625 |
| South Sulawesi | 93.6 | 86.3 - 97.2 | 177 |
| Southeast Sulawesi | 70.5 | 65.7 - 74.8 | 1,215 |
| Gorontalo | 79.7 | 74.0 - 84.4 | 543 |
| West Sulawesi | 69.9 | 62.9 - 76.1 | 825 |
| Maluku | 55.8 | 51.8 - 59.8 | 2,686 |
| North Maluku | 73.6 | 69.1 - 77.7 | 459 |
| West Papua | 74.2 | 67.9 - 79.6 | 1,175 |
| Southwest Papua | 69.3 | 64.7 - 73.6 | 1,243 |
| Papua | 71.1 | 67.1 - 74.7 | 1,046 |
| South Papua | 88.6 | 83.0 - 92.6 | 238 |
| Central Papua | 89.0 | 83.6 - 92.7 | 1,272 |
| Highland Papua | 47.6 | 33.6 - 61.9 | 1,062 |
| INDONESIA | 70.8 | 69.7 - 71.9 | 94,912 |

**Table 6.40. Proportion of Individuals Taking Preventive Filariasis Medication as Advised by Health Professionals in Filariasis Endemic Areas by Characteristic, 2023
SKI**

| Characteristic | Taking Medication as Advised | | Weighted N |
|--|------------------------------|-------------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| 2-4 | 54.8 | 51.0 - 58.5 | 1,643 |
| 5-14 | 68.2 | 66.5 - 69.8 | 15,860 |
| 15-24 | 70.1 | 68.1 - 72.0 | 16,753 |
| 25-34 | 70.7 | 68.9 - 72.5 | 16,060 |
| 35-44 | 74.1 | 72.6 - 75.6 | 16,364 |
| 45-54 | 73.3 | 71.5 - 75.0 | 13,749 |
| 55-64 | 71.2 | 69.1 - 73.2 | 8,895 |
| 65-74 | 69.7 | 66.7 - 72.5 | 4,218 |
| 75+ | 68.5 | 63.3 - 73.4 | 1,370 |
| Sex | | | |
| Male | 70.5 | 69.3 - 71.8 | 46,990 |
| Female | 71.1 | 69.9 - 72.3 | 47,922 |
| Education | | | |
| Never attended school | 66.9 | 64.0 - 69.6 | 6,776 |
| Some primary school/Islamic primary school | 70.1 | 68.4 - 71.7 | 14,295 |
| Primary school/Islamic primary school graduate | 72.7 | 71.1 - 74.2 | 26,927 |
| Junior secondary school/Islamic junior secondary school graduate | 70.7 | 68.9 - 72.4 | 17,599 |
| Senior secondary school/Islamic senior secondary school graduate | 70.7 | 69.0 - 72.3 | 21,895 |
| D1/D2/D3/university graduate | 74.1 | 71.9 - 76.1 | 5,776 |
| Occupation | | | |
| Unemployed | 71.2 | 69.7 - 72.7 | 24,554 |
| Student | 70.7 | 68.6 - 72.7 | 14,685 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 75.1 | 72.3 - 77.7 | 2,503 |
| Private employee | 73.1 | 70.2 - 75.8 | 6,361 |
| Self-employed | 69.4 | 67.1 - 71.5 | 10,361 |
| Farmer/farm worker | 75.1 | 73.2 - 76.9 | 16,354 |
| Fisher | 70.7 | 61.4 - 78.6 | 918 |
| Labor/driver/domestic help | 67.7 | 63.8 - 71.3 | 5,587 |
| Others | 71.7 | 69.2 - 74.1 | 5,047 |
| Residence | | | |
| Urban | 68.0 | 66.2 - 69.7 | 42,146 |
| Rural | 73.1 | 71.6 - 74.5 | 52,766 |
| Economic Status | | | |
| Lowest | 76.9 | 75.1 - 78.5 | 21,054 |
| Lower middle | 71.3 | 69.4 - 73.1 | 18,328 |
| Middle | 68.3 | 66.2 - 70.4 | 20,442 |
| Upper middle | 68.7 | 66.6 - 70.7 | 19,201 |
| Highest | 68.1 | 65.7 - 70.3 | 15,872 |

Table 6.41. Proportion of Main Reasons for Not Taking Filariasis Medication Partially or Completely by Province, 2023 SKI

| Province | Reasons for Not Taking Medication Partially or Completely (%) | | | | | Weighted N |
|-------------------------|---|------------------------|-------------------------|---------------|-------------|---------------|
| | Did Not Feel Sick | Afraid of Side Effects | Cannot Take Large Pills | Currently III | Forgot | |
| Aceh | 17.4 | 37.7 | 30.1 | 4.5 | 7.2 | 1,539 |
| North Sumatra | 6.4 | 24.3 | 52.9 | 1.8 | 12.1 | 225 |
| Jambi | 11.0 | 15.9 | 50.1 | 1.4 | 18.5 | 45* |
| South Sumatra | 15.8 | 33.8 | 33.8 | 3.5 | 8.8 | 688 |
| Bangka Belitung Islands | 25.3 | 31.4 | 21.7 | 3.7 | 13.8 | 176 |
| Riau Islands | 7.9 | 30.3 | 29.0 | 3.7 | 21.3 | 646 |
| West Java | 13.8 | 39.5 | 21.5 | 3.3 | 12.5 | 4,530 |
| Central Java | 23.5 | 37.1 | 16.4 | 3.8 | 10.9 | 5,792 |
| East Nusa Tenggara | 21.6 | 19.1 | 19.1 | 9.3 | 23.1 | 198 |
| West Kalimantan | 24.9 | 28.8 | 26.8 | 3.9 | 10.8 | 1,215 |
| Central Kalimantan | 28.6 | 18.0 | 24.5 | 2.8 | 23.9 | 506 |
| South Kalimantan | 19.3 | 34.6 | 28.5 | 3.1 | 11.0 | 337 |
| East Kalimantan | 29.9 | 44.0 | 9.6 | 1.3 | 6.2 | 141 |
| North Kalimantan | 15.8 | 14.7 | 42.2 | 6.0 | 16.8 | 39* |
| Central Sulawesi | 16.4 | 23.9 | 32.8 | 3.6 | 18.1 | 320 |
| South Sulawesi | 43.8 | 30.8 | N/A | N/A | 10.6 | 5* |
| Southeast Sulawesi | 14.2 | 18.5 | 38.0 | 4.1 | 18.6 | 199 |
| Gorontalo | 13.1 | 44.7 | 16.9 | 1.4 | 20.6 | 80 |
| West Sulawesi | 12.1 | 25.0 | 32.7 | 8.2 | 14.3 | 73 |
| Maluku | 17.2 | 30.5 | 31.9 | 4.1 | 11.5 | 806 |
| North Maluku | 24.5 | 9.2 | 40.2 | 4.6 | 14.8 | 89 |
| West Papua | 19.3 | 29.5 | 25.8 | 7.0 | 12.6 | 143 |
| Southwest Papua | 7.3 | 30.2 | 36.0 | 3.2 | 12.8 | 291 |
| Papua | 13.2 | 20.6 | 44.7 | 2.2 | 16.2 | 210 |
| South Papua | 19.7 | 16.3 | 31.1 | 2.2 | 30.8 | 15* |
| Central Papua | 11.2 | 18.5 | 25.7 | 1.8 | 40.3 | 90 |
| Highland Papua | 32.0 | 11.5 | 32.3 | 2.7 | 19.0 | 73 |
| INDONESIA | 18.7 | 34.4 | 23.8 | 3.7 | 12.4 | 18,471 |

*Weighted N < 50

Table 6.42 Proportion of Main Reasons for Not Taking Filariasis Medication Partially or Completely by Characteristic, 2023 SKI

| Characteristic | Reasons for Not Taking Medication Partially or Completely (%) | | | | | Weighted N |
|--|---|------------------------|-------------------------|---------------|--------|------------|
| | Did Not Feel Sick | Afraid of Side Effects | Cannot Take Large Pills | Currently Ill | Forgot | |
| Age Range (Year) | | | | | | |
| 2-4 | 9.0 | 28.7 | 33.8 | 3.2 | 6.1 | 546 |
| 5-14 | 11.4 | 26.9 | 41.3 | 2.3 | 8.5 | 3,527 |
| 15-24 | 21.5 | 31.4 | 24.3 | 2.2 | 14.4 | 3,281 |
| 25-34 | 21.0 | 35.9 | 20.6 | 2.8 | 13.6 | 3,084 |
| 35-44 | 20.9 | 38.7 | 19.7 | 2.7 | 13.3 | 2,808 |
| 45-54 | 21.0 | 39.0 | 16.2 | 4.9 | 11.7 | 2,414 |
| 55-64 | 21.2 | 39.2 | 13.1 | 7.8 | 12.8 | 1,635 |
| 65-74 | 18.6 | 38.2 | 13.0 | 9.4 | 16.5 | 878 |
| 75+ | 17.0 | 35.7 | 17.8 | 6.8 | 17.6 | 298 |
| Sex | | | | | | |
| Male | 21.3 | 32.8 | 23.6 | 3.0 | 12.7 | 9,224 |
| Female | 16.1 | 36.0 | 24.0 | 4.4 | 12.1 | 9,247 |
| Education | | | | | | |
| Never attended school | 15.2 | 29.6 | 27.4 | 4.4 | 12.1 | 1,446 |
| Some primary school/Islamic primary school | 14.0 | 29.9 | 37.0 | 3.6 | 7.5 | 2,810 |
| Primary school/Islamic primary school graduate | 19.1 | 39.4 | 20.0 | 5.3 | 11.5 | 4,725 |
| Junior secondary school/Islamic junior secondary school graduate | 22.5 | 35.6 | 21.6 | 2.3 | 13.3 | 3,433 |
| Senior secondary school/Islamic senior secondary school graduate | 19.8 | 33.9 | 20.6 | 2.9 | 15.4 | 4,514 |
| D1/D2/D3/university graduate | 22.9 | 31.6 | 16.3 | 4.3 | 17.6 | 997 |
| Occupation | | | | | | |
| Unemployed | 17.7 | 36.1 | 20.3 | 5.7 | 13.6 | 4,728 |
| Student | 16.0 | 30.4 | 35.4 | 2.2 | 10.6 | 2,876 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 26.3 | 24.9 | 19.6 | 5.6 | 15.7 | 415 |
| Private employee | 17.9 | 38.1 | 19.6 | 1.2 | 16.8 | 1,252 |
| Self-employed | 24.7 | 35.6 | 16.8 | 2.2 | 13.9 | 2,229 |
| Farmer/farm worker | 25.3 | 38.2 | 16.0 | 5.2 | 11.6 | 2,360 |
| Fisher | 17.6 | 35.6 | 25.2 | 3.2 | 17.3 | 139 |
| Labor/driver/domestic help | 21.3 | 36.4 | 21.5 | 3.0 | 13.8 | 1,240 |
| Others | 16.8 | 40.4 | 18.7 | 4.0 | 11.8 | 907 |
| Residence | | | | | | |
| Urban | 16.3 | 34.8 | 23.6 | 3.6 | 13.4 | 10,065 |
| Rural | 21.6 | 33.9 | 24.1 | 3.9 | 11.2 | 8,406 |
| Economic Status | | | | | | |
| Lowest | 23.1 | 28.4 | 26.0 | 3.5 | 12.1 | 2,745 |
| Lower middle | 20.6 | 35.4 | 23.4 | 4.5 | 11.2 | 3,570 |
| Middle | 19.3 | 37.7 | 23.4 | 3.5 | 10.2 | 4,329 |
| Upper middle | 14.4 | 35.5 | 23.3 | 3.7 | 13.2 | 4,147 |
| Highest | 17.9 | 32.6 | 23.7 | 3.3 | 15.5 | 3,679 |

Table 6.43 Proportion of Main Reasons for Not Receiving Mass Drug Administration (MDA) for Filariasis by Province, 2023 SKI

| Province | Reasons for Not Taking Medication Partially or Completely (%) | | | | | | Weighted N | |
|-------------------------|---|--------------|-------------|------------|-----------------------------|------------|------------|---------------|
| | Currently Pregnant | Not Born Yet | Not Present | Not Given | Unaware of the Distribution | Afraid | | |
| Aceh | 0.6 | 12.4 | 17.2 | 2.6 | 34.3 | 19.8 | 10.6 | 5,558 |
| North Sumatra | 0.9 | 7.7 | 10.3 | 11.5 | 46.9 | 5.0 | 1.3 | 2,606 |
| Jambi | 0.2 | 9.1 | 12.2 | 0.5 | 61.2 | 1.2 | 0.8 | 542 |
| South Sumatra | 0.5 | 12.7 | 8.2 | 1.7 | 63.8 | 7.2 | 1.5 | 3,822 |
| Bangka Belitung Islands | 0.3 | 11.6 | 5.4 | 1.4 | 72.2 | 2.1 | 1.1 | 872 |
| Riau Islands | 0.5 | 10.5 | 19.1 | 0.7 | 57.9 | 2.3 | 3.4 | 2,717 |
| West Java | 0.3 | 11.0 | 17.3 | 1.2 | 48.9 | 7.3 | 4.1 | 14,869 |
| Central Java | 1.1 | 13.6 | 14.5 | 3.9 | 48.3 | 7.2 | 3.2 | 11,827 |
| East Nusa Tenggara | 0.9 | 12.2 | 16.7 | 3.5 | 55.1 | 4.7 | 1.8 | 7,124 |
| West Kalimantan | 0.4 | 7.6 | 8.1 | 4.4 | 67.9 | 2.4 | 1.6 | 6,726 |
| Central Kalimantan | 0.7 | 12.3 | 23.0 | 3.3 | 51.6 | 3.9 | 2.9 | 2,363 |
| South Kalimantan | 0.9 | 12.3 | 8.7 | 1.0 | 64.7 | 4.5 | 1.6 | 1,515 |
| East Kalimantan | 0.6 | 5.7 | 5.9 | 24.2 | 57.5 | 0.8 | 1.0 | 2,106 |
| North Kalimantan | 1.0 | 11.8 | 14.5 | 1.5 | 57.7 | 4.6 | 5.1 | 387 |
| Central Sulawesi | 0.2 | 8.6 | 17.7 | 2.4 | 60.2 | 3.2 | 2.4 | 2,261 |
| South Sulawesi | 0.2 | 1.4 | 1.1 | 33.8 | 62.2 | 0.4 | 0.9 | 1,277 |
| Southeast Sulawesi | 0.4 | 5.2 | 7.4 | 6.3 | 66.5 | 3.6 | 4.4 | 3,011 |
| Gorontalo | 0.2 | 9.1 | 9.1 | 10.1 | 68.5 | 0.6 | 0.3 | 715 |
| West Sulawesi | 0.4 | 8.2 | 7.1 | 0.8 | 75.9 | 3.0 | 0.9 | 975 |
| Maluku | 0.6 | 7.8 | 14.3 | 7.0 | 57.8 | 3.9 | 1.8 | 3,408 |
| North Maluku | 0.1 | 6.2 | 16.1 | 9.5 | 56.5 | 5.9 | 1.4 | 1,653 |
| West Papua | 0.7 | 11.6 | 21.8 | 1.8 | 43.4 | 14.1 | 4.7 | 859 |
| Southwest Papua | 0.7 | 6.2 | 21.4 | 2.3 | 47.9 | 11.1 | 4.5 | 1,156 |
| Papua | 0.2 | 7.3 | 15.4 | 6.9 | 56.8 | 4.4 | 2.7 | 2,330 |
| South Papua | 0.9 | 4.2 | 31.0 | 0.4 | 54.7 | 3.3 | 2.6 | 205 |
| Central Papua | 0.1 | 5.5 | 19.2 | 0.8 | 64.6 | 4.9 | 3.7 | 2,717 |
| Highland Papua | 1.4 | 6.2 | 24.6 | 1.5 | 47.8 | 7.5 | 10.6 | 2,536 |
| INDONESIA | 0.6 | 10.0 | 14.6 | 4.4 | 54.4 | 6.2 | 3.4 | 86,138 |

Table 6.44 Proportion of Main Reasons for Not Receiving Mass Drug Administration (MDA) for Filariasis by Characteristic, 2023 SKI

| Characteristic | Reasons for Not Taking Medication Partially or Completely (%) | | | | | | Weighted N | |
|--|---|--------------|-------------|-----------|-----------------------------|--------|------------|--------|
| | Currently Pregnant | Not Born Yet | Not Present | Not Given | Unaware of the Distribution | Afraid | | |
| Age Range (Year) | | | | | | | | |
| 2-4 | 0.2 | 58.9 | 5.4 | 2.8 | 18.9 | 4.1 | 1.7 | 9,339 |
| 5-14 | 0.2 | 9.7 | 12.7 | 4.4 | 44.3 | 12.6 | 4.0 | 15,088 |
| 15-24 | 0.5 | 3.2 | 18.1 | 4.4 | 60.7 | 5.7 | 3.3 | 13,951 |
| 25-34 | 1.5 | 2.9 | 18.3 | 4.4 | 62.1 | 3.8 | 2.6 | 14,867 |
| 35-44 | 0.9 | 2.0 | 17.3 | 5.0 | 61.5 | 4.9 | 3.9 | 11,516 |
| 45-54 | 0.5 | 3.1 | 15.5 | 4.7 | 62.6 | 4.8 | 4.1 | 9,134 |
| 55-64 | 0.1 | 2.2 | 14.3 | 4.7 | 63.4 | 5.5 | 4.9 | 6,754 |
| 65-74 | 0.3 | 2.0 | 10.1 | 4.7 | 66.9 | 5.3 | 3.7 | 3,938 |
| 75+ | 0.2 | 2.2 | 9.2 | 4.0 | 61.5 | 7.3 | 2.9 | 1,552 |
| Sex | | | | | | | | |
| Male | 0.0 | 9.5 | 15.9 | 4.2 | 55.1 | 5.6 | 3.7 | 45,462 |
| Female | 1.3 | 10.6 | 13.1 | 4.5 | 53.5 | 6.9 | 3.2 | 40,676 |
| Education | | | | | | | | |
| Never attended school | 0.3 | 11.4 | 13.9 | 3.6 | 47.4 | 9.1 | 4.1 | 8,944 |
| Some primary school/Islamic primary school | 0.2 | 4.7 | 14.4 | 4.5 | 51.5 | 11.0 | 4.0 | 12,301 |
| Primary school/Islamic primary school graduate | 0.6 | 3.0 | 15.4 | 4.6 | 60.9 | 6.3 | 3.4 | 17,977 |
| Junior secondary school/Islamic junior secondary school graduate | 0.6 | 2.4 | 16.7 | 4.2 | 61.9 | 5.9 | 3.2 | 12,219 |
| Senior secondary school/Islamic senior secondary school graduate | 0.8 | 2.8 | 16.2 | 5.0 | 63.2 | 4.0 | 3.8 | 19,579 |
| D1/D2/D3/university graduate | 1.3 | 2.5 | 18.7 | 5.1 | 62.5 | 3.0 | 3.4 | 5,779 |
| Occupation | | | | | | | | |
| Unemployed | 1.0 | 3.4 | 15.1 | 4.3 | 61.3 | 5.8 | 3.6 | 20,258 |
| Student | 0.2 | 3.6 | 15.8 | 4.8 | 56.4 | 9.6 | 3.6 | 10,300 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 1.8 | 2.0 | 16.8 | 4.9 | 60.5 | 4.0 | 3.7 | 2,331 |
| Private employee | 1.3 | 2.3 | 18.6 | 4.8 | 64.0 | 1.8 | 3.0 | 5,624 |
| Self-employed | 0.5 | 2.0 | 15.6 | 4.6 | 64.3 | 5.1 | 4.1 | 8,560 |
| Farmer/farm worker | 0.3 | 2.2 | 17.2 | 3.7 | 63.3 | 5.3 | 3.7 | 11,505 |
| Fisher | | 1.3 | 19.0 | 9.1 | 59.6 | 4.1 | 2.8 | 944 |
| Labor/driver/domestic help | 0.1 | 2.9 | 18.4 | 4.5 | 62.3 | 4.6 | 2.7 | 3,676 |
| Others | 1.3 | 2.4 | 14.6 | 6.0 | 60.2 | 6.4 | 3.7 | 4,786 |
| Residence | | | | | | | | |
| Urban | 0.5 | 9.3 | 13.9 | 3.8 | 56.3 | 6.0 | 3.5 | 42,363 |
| Rural | 0.7 | 10.7 | 15.3 | 4.9 | 52.5 | 6.4 | 3.4 | 43,775 |
| Economic Status | | | | | | | | |
| Lowest | 0.6 | 8.9 | 16.4 | 4.7 | 53.6 | 5.9 | 4.2 | 19,291 |
| Lower middle | 0.5 | 10.1 | 13.5 | 4.9 | 53.9 | 7.4 | 3.4 | 15,761 |
| Middle | 0.6 | 9.7 | 13.4 | 4.2 | 54.8 | 7.4 | 2.9 | 16,564 |
| Upper middle | 0.8 | 10.2 | 14.2 | 4.2 | 54.7 | 6.0 | 2.6 | 17,576 |
| Highest | 0.4 | 11.3 | 15.2 | 3.8 | 54.9 | 4.4 | 4.1 | 16,903 |

6.9. IMMUNOLOGY EXAMINATION OF DIPHTHERIA, PERTUSSIS, MEASLES, RUBELLA, AND TETANUS

The examination was conducted on a sample of respondents from the Biomedical Census Block representing national figures.

a. Proportion of Diphtheria Antibody Titer Levels

The '**non-protective**' result indicates an antibody titer value that is considered insufficient for providing protection, necessitating immediate basic immunization with a cut-off <0.01 IU/ml.

$$\text{Proportion of non-protective results} = \frac{\text{Number of biomedical household members with non-protective diphtheria antibody titer}}{\text{Total number of biomedical households tested for diphtheria antibody titer}}$$

The '**booster needed**' result indicates an antibody titer value that provides protection but requires a booster immunization with a cut-off between 0.01 and 0.09 IU/ml.

$$\text{Proportion of 'booster needed' results} = \frac{\text{Number of biomedical household members with diphtheria antibody titer needing a booster}}{\text{Total number of biomedical households tested for diphtheria antibody titer}}$$

The '**protective**' result indicates an antibody titer value that provides protection with a cut-off between 0.1 and 1.0 IU/ml

$$\text{Proportion of protective results} = \frac{\text{Number of biomedical household members with protective diphtheria antibody titer}}{\text{Total number of biomedical households tested for diphtheria antibody titer}}$$

The '**highly protective**' result indicates an antibody titer value that provides long-term protection with a cut-off >1.0 IU/ml.

$$\text{Proportion of 'highly protective' results} = \frac{\text{Number of biomedical household members with highly protective diphtheria antibody titer}}{\text{Total number of biomedical households tested for diphtheria antibody titer}}$$

b. Proportion of Pertussis Antibody Titer Levels

The '**negative**' result indicates no antibodies against the pertussis-causing pathogen, with a cut-off < 9 NTU.

$$\text{Proportion of 'negative' results} = \frac{\text{Number of biomedical household members with negative pertussis antibody titer}}{\text{Total number of biomedical household members tested for pertussis antibody titer}}$$

The '**equivocal**' result indicates an antibody titer that cannot be clearly detected, with a cut-off between 9-11 NTU. It is recommended to re-test with a new specimen in 2-4 weeks. If the result remains equivocal, it is considered negative.

$$\text{Proportion of equivocal results} = \frac{\text{Number of biomedical household members with equivocal pertussis antibody titer}}{\text{Total number of biomedical household members tested for pertussis antibody titer}}$$

The '**positive**' result indicates the presence of antibodies against the pertussis-causing pathogen, with a cut-off > 11 NTU.

$$\text{Proportion of positive results} = \frac{\text{Number of biomedical household members with positive pertussis antibody titer}}{\text{Total number of biomedical household members tested for pertussis antibody titer}}$$

c. Proportion of Tetanus Antibody Titer Levels in Women of Childbearing Age (WUS) or Female Household Members Aged 15–49 Years

The '**non-protective**' result indicates an antibody titer level considered insufficient for protection, necessitating immediate basic immunization or booster, with a cut-off < 0.1 IU/ml.

$$\text{Proportion of non-protective results} = \frac{\text{Number of WUS with non-protective tetanus antibody titer}}{\text{Total number of WUS tested for tetanus antibody titer}}$$

The '**booster needed**' result indicates an antibody titer level considered protective but recommended for a booster immunization within 4-6 weeks, with a cut-off of 0.11 – 0.5 IU/ml.

$$\text{Proportion of booster needed results} = \frac{\text{Number of WUS needing a booster tetanus antibody titer}}{\text{Total number of WUS tested for tetanus antibody titer}}$$

The '**protective**' result indicates an antibody titer level considered sufficient for protection, with no booster immunization required, with a cut-off of 0.5 – 1.0 IU/ml.

$$\text{Proportion of protective results} = \frac{\text{Number of WUS with protective tetanus antibody titer}}{\text{Total number of WUS tested for tetanus antibody titer}}$$

The '**highly protective**' result indicates an antibody titer level considered sufficient for long-term protection, with a cut-off of 1.1 – 5.0 IU/ml and > 5.0 IU/ml.

$$\text{Proportion of highly protective results} = \frac{\text{Number of WUS with highly protective tetanus antibody titer}}{\text{Total number of WUS tested for tetanus antibody titer}}$$

d. Proportion of Measles Antibody Titer Levels in Household Members Aged 0–14 Years

The '**negative**' result indicates no detectable antibodies against the measles pathogen, with a cut-off < 9 NTU.

$$\text{Proportion of 'negative' results} = \frac{\sum \text{Household members aged 0-14 years with negative measles antibody titer}}{\sum \text{Total household members aged 0-14 years tested for measles antibody titer}}$$

The '**positive**' result indicates the presence of antibodies against the measles pathogen, with a cut-off > 11 NTU.

$$\text{Proportion of 'positive' results} = \frac{\sum \text{Household members aged 0-14 years with positive measles antibody titer}}{\sum \text{Total household members aged 0-14 years tested for measles antibody titer}}$$

e. Proportion of Rubella Antibody Titer Levels in Household Members Aged 0–14 Years and WUS Aged 15–49 Years

The '**negative**' result indicates no detectable antibodies against the rubella pathogen, with a cut-off < 10 IU/ml.

$$\text{Proportion of 'negative' results} = \frac{\sum \text{Household members aged 0-14 years and WUS with negative rubella antibody titer}}{\sum \text{Total biomedical household members tested for rubella antibody titer}}$$

The '**equivocal**' result indicates antibody levels that cannot be clearly detected, with a cut-off of 10-15 IU/ml. A retest with a new specimen is recommended in 2-4 weeks, and if results remain equivocal, they are considered negative.

$$\text{Proportion of equivocal results} = \frac{\sum \text{Household members aged 0-14 years and WUS with equivocal rubella antibody titer}}{\sum \text{Total biomedical household members tested for rubella antibody titer}}$$

The '**positive**' result indicates the presence of antibodies against the rubella pathogen, with a cut-off > 15 IU/ml.

$$\text{Proportion of 'positive' results} = \frac{\sum \text{Household members aged 0-14 years and WUS with positive rubella antibody titer}}{\sum \text{Total biomedical household members tested for rubella antibody titer}}$$

Table 6.45 Proportion of Diphtheria Antibody Titer Levels by Characteristic, 2023 SKI

| Characteristic | Diphtheria Antibody Titer | | | | | | | | Weighted N |
|--|---------------------------|----------------|----------------|------------------|-------------|------------------|-------------------|----------------|---------------|
| | Non-Protective | | Booster Needed | | Protective | | Highly Protective | | |
| | % | 95 % CI | % | 95 % CI | % | 95 % CI | % | 95 % CI | |
| Age Range (Year) | | | | | | | | | |
| 0-4 | 6.7 | 4.7-9.6 | 29.0 | 25.1-33.4 | 37.0 | 32.9-41.2 | 27.3 | 23.4-31.6 | 1,726 |
| 5-14 | 3.4 | 2.7-4.4 | 23.0 | 21.2-24.9 | 50.1 | 48.0-52.2 | 23.4 | 21.5-25.5 | 4,778 |
| 15-24 | 1.9 | 1.4-2.6 | 40.7 | 38.6-42.8 | 51.0 | 48.9-53.1 | 6.4 | 5.5-7.4 | 5,716 |
| 25-34 | 2.7 | 2.1-3.4 | 53.8 | 52.0-55.6 | 37.7 | 35.9-39.5 | 5.8 | 5.1-6.6 | 5,735 |
| 35-44 | 2.3 | 1.9-2.8 | 57.1 | 55.5-58.7 | 36.0 | 34.4-37.5 | 4.6 | 4.1-5.2 | 5,413 |
| 45-54 | 2.0 | 1.6-2.5 | 59.4 | 57.9-60.9 | 35.1 | 33.7-36.5 | 3.5 | 3.0-4.1 | 4,666 |
| 55-64 | 2.1 | 1.7-2.7 | 62.5 | 60.7-64.2 | 32.1 | 30.5-33.7 | 3.3 | 2.8-4.0 | 3,377 |
| 65-74 | 2.1 | 1.5-2.8 | 63.4 | 60.9-65.8 | 31.4 | 29.2-33.7 | 3.1 | 2.4-4.0 | 1,838 |
| 75+ | 2.0 | 1.1-3.4 | 60.4 | 56.2-64.5 | 32.6 | 28.8-36.7 | 5.0 | 3.2-7.6 | 681 |
| Sex | | | | | | | | | |
| Male | 2.9 | 2.5-3.4 | 50.7 | 49.6-51.8 | 39.1 | 38.0-40.2 | 7.3 | 6.7-8.0 | 17,072 |
| Female | 2.3 | 2.1-2.6 | 46.9 | 45.9-47.9 | 40.9 | 40.0-41.9 | 9.9 | 9.2-10.6 | 16,858 |
| Education | | | | | | | | | |
| Never attended school | 4.2 | 3.1-5.9 | 40.7 | 37.8-43.6 | 41.6 | 38.7-44.5 | 13.5 | 11.5-15.8 | 2,471 |
| Some primary school/Islamic primary school | 2.5 | 1.9-3.3 | 36.6 | 34.6-38.6 | 42.5 | 40.5-44.6 | 18.4 | 16.7-20.2 | 4,349 |
| Primary school/Islamic primary school graduate | 1.7 | 1.3-2.1 | 51.7 | 50.4-53.1 | 41.0 | 39.7-42.4 | 5.6 | 4.9-6.3 | 8,583 |
| Junior secondary school/Islamic junior secondary school graduate | 2.1 | 1.6-2.7 | 52.4 | 50.7-54.1 | 40.7 | 39.0-42.4 | 4.8 | 4.1-5.6 | 6,207 |
| Senior secondary school/Islamic senior secondary school graduate | 2.6 | 2.2-3.1 | 53.9 | 52.3-55.4 | 38.8 | 37.4-40.3 | 4.7 | 4.1-5.4 | 8,544 |
| D1/D2/D3/university graduate | 2.8 | 1.6-4.7 | 55.7 | 51.7-59.5 | 34.1 | 30.5-37.9 | 7.5 | 5.5-10.2 | 832 |
| University graduate | 3.0 | 2.0-4.3 | 58.1 | 54.4-61.6 | 34.0 | 30.8-37.3 | 5.0 | 3.7-6.6 | 1,218 |
| Occupation | | | | | | | | | |
| Unemployed | 2.4 | 2.0-2.8 | 48.4 | 47.1-49.7 | 41.8 | 40.5-43.0 | 7.5 | 6.7-8.2 | 9,096 |
| Student | 1.1 | 0.7-1.6 | 29.1 | 27.0-31.3 | 56.3 | 53.9-58.6 | 13.6 | 12.15.3 | 4,250 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 2.5 | 1.6-3.8 | 61.2 | 57.1-65.1 | 30.5 | 27.0-34.3 | 5.9 | 4.1-8.3 | 640 |
| Private employee | 2.1 | 1.5-2.9 | 60.8 | 57.9-63.6 | 33.9 | 31.2-36.7 | 3.2 | 2.4-4.3 | 2,466 |
| Self-employed | 2.4 | 1.9-3.1 | 59.1 | 57.1-61.1 | 35.1 | 33.1-37.1 | 3.3 | 2.7-4.1 | 4,315 |
| Farmer/farm worker | 1.5 | 1.1-1.9 | 58.4 | 56.7-60.0 | 36.5 | 34.9-38.1 | 3.7 | 3.1-4.3 | 5,097 |
| Fisher | 0.8 | 0.3-2.1 | 49.5 | 40.2-58.7 | 48.0 | 39.0-57.1 | 1.8 | 0.7-4.7 | 182 |
| Labor/driver/domestic help | 3.7 | 2.6-5.2 | 61.4 | 58.3-64.4 | 31.6 | 28.9-34.3 | 3.3 | 2.5-4.5 | 2,268 |
| Others | 2.8 | 1.8-4.2 | 53.2 | 50.4-56.0 | 39.1 | 36.4-41.7 | 5.0 | 4.0-6.2 | 1,621 |
| Residence | | | | | | | | | |
| Urban | 2.8 | 2.5-3.2 | 49.3 | 48.2-50.4 | 39.4 | 38.4-40.4 | 8.5 | 7.8-9.2 | 19,962 |
| Rural | 2.3 | 2.0-2.6 | 48.1 | 46.9-49.4 | 40.9 | 39.8-42.1 | 8.7 | 7.9-9.6 | 13,968 |
| Economic Status | | | | | | | | | |
| Lowest | 2.9 | 2.3-3.6 | 48.9 | 47.1-50.7 | 40.5 | 38.8-42.3 | 7.7 | 6.7-8.8 | 5,322 |
| Lower middle | 2.1 | 1.6-2.6 | 49.7 | 47.9-51.4 | 40.3 | 38.8-41.8 | 7.9 | 7.0-9.0 | 6,857 |
| Middle | 2.4 | 1.9-3.1 | 49.2 | 47.5-50.8 | 39.9 | 38.4-41.4 | 8.5 | 7.5-9.6 | 7,620 |
| Upper middle | 2.8 | 2.3-3.5 | 47.4 | 45.9-49.0 | 41.0 | 39.4-42.6 | 8.7 | 7.8-9.8 | 7,944 |
| Highest | 2.9 | 2.3-3.6 | 49.2 | 47.3-51.0 | 38.1 | 36.5-39.8 | 9.8 | 8.7-11.1 | 6,188 |
| INDONESIA | 2.6 | 2.4-2.9 | 48.8 | 48.0-49.6 | 40.0 | 39.3-40.8 | 8.6 | 8.0-9.1 | 33,930 |

Table 6.46 Proportion of Pertussis Antibody Titer Levels by Characteristic, 2023 SKI

| Characteristic | Pertussis Antibody Titer | | | | | | Weighted N |
|--|--------------------------|------------------|------------|----------------|-------------|------------------|---------------|
| | Negative | | Equivocal | | Positive | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | | | |
| 0-4 | 67.7 | 63.4-71.7 | 0.0 | 0.0-0.0 | 32.3 | 28.3-36.6 | 1,731 |
| 5-14 | 67.7 | 65.5-69.9 | 0.0 | 0.0-0.0 | 32.3 | 30.1-34.5 | 4,779 |
| 15-24 | 65.5 | 63.5-67.5 | 0.0 | 0.0-0.0 | 34.5 | 32.5-36.5 | 5,724 |
| 25-34 | 64.3 | 62.3-66.1 | 0.0 | 0.0-0.1 | 35.7 | 33.9-37.7 | 5,746 |
| 35-44 | 54.8 | 53.1-56.4 | 0.0 | 0.0-0.0 | 45.2 | 43.6-46.9 | 5,414 |
| 45-54 | 51.1 | 49.6-52.7 | 0.0 | 0.0-0.0 | 48.9 | 47.3-50.4 | 4,670 |
| 55-64 | 54.6 | 52.9-56.4 | 0.0 | 0.0-0.0 | 45.4 | 43.6-47.1 | 3,380 |
| 65-74 | 54.4 | 52-56.7 | 0.0 | 0.0-0.0 | 45.6 | 43.3-48.0 | 1,839 |
| 75+ | 54.4 | 49.9-58.7 | 0.0 | 0.0-0.0 | 45.6 | 41.3-50.1 | 681 |
| Sex | | | | | | | |
| Male | 56.6 | 55.5-57.8 | 0.0 | 0.0-0.0 | 43.4 | 42.2-44.5 | 17,085 |
| Female | 63.7 | 62.7-64.6 | 0.0 | 0.0-0.0 | 36.3 | 35.4-37.3 | 16,878 |
| Education | | | | | | | |
| Never attended school | 63.9 | 61.1-66.7 | 0.0 | 0.0-0.1 | 36.0 | 33.3-38.9 | 2,475 |
| Some primary school/Islamic primary school | 60.3 | 58.2-62.4 | 0.0 | 0.0-0.0 | 39.7 | 37.6-41.8 | 4,350 |
| Primary school/Islamic primary school graduate | 54.6 | 53.2-56.1 | 0.0 | 0.0-0.0 | 45.4 | 43.9-46.8 | 8,591 |
| Junior secondary school/Islamic junior secondary school graduate | 61.3 | 59.6-62.9 | 0.0 | 0.0-0.0 | 38.7 | 37.1-40.4 | 6,213 |
| Senior secondary school/Islamic senior secondary school graduate | 61.0 | 59.5-62.4 | 0.0 | 0.0-0.0 | 39.0 | 37.6-40.5 | 8,550 |
| D1/D2/D3/university graduate | 64.6 | 60.6-68.4 | 0.0 | 0.0-0.0 | 35.4 | 31.6-39.4 | 833 |
| University graduate | 64.5 | 61.2-67.8 | 0.1 | 0.0-0.4 | 35.4 | 32.2-38.8 | 1,219 |
| Occupation | | | | | | | |
| Unemployed | 62.2 | 61.0-63.4 | 0.0 | 0.0-0.0 | 37.8 | 36.6-39.0 | 9,106 |
| Student | 65.3 | 62.9-67.6 | 0.0 | 0.0-0.0 | 34.7 | 32.4-37.1 | 4,254 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 55.5 | 51.1-59.7 | 0.0 | 0.0-0.0 | 44.5 | 40.3-48.9 | 641 |
| Private employee | 62.3 | 59.3-65.2 | 0.0 | 0.0-0.0 | 37.7 | 34.8-40.7 | 2,470 |
| Self-employed | 59.0 | 57.0-61.0 | 0.0 | 0.0-0.0 | 41.0 | 39.0-43.0 | 4,317 |
| Farmer/farm worker | 49.2 | 47.7-50.7 | 0.0 | 0.0-0.0 | 50.8 | 49.3-52.3 | 5,099 |
| Fisher | 49.4 | 39.7-59.1 | 0.0 | 0.0-0.0 | 50.6 | 40.9-60.3 | 182 |
| Labor/driver/domestic help | 53.3 | 50.1-56.6 | 0.0 | 0.0-0.0 | 46.7 | 43.4-49.9 | 2,270 |
| Others | 57.5 | 54.7-60.3 | 0.0 | 0.0-0.3 | 42.4 | 39.6-45.3 | 1,623 |
| Residence | | | | | | | |
| Urban | 62.2 | 61.2-63.3 | 0.0 | 0.0-0.0 | 37.8 | 36.7-38.8 | 19,983 |
| Rural | 57.1 | 55.9-58.3 | 0.0 | 0.0-0.0 | 42.9 | 41.7-44.1 | 13,980 |
| Economic Status | | | | | | | |
| Lowest | 54.2 | 52.2-56.1 | 0.0 | 0.0-0.0 | 45.8 | 43.9-47.8 | 5,324 |
| Lower middle | 58.8 | 57.1-60.4 | 0.0 | 0.0-0.1 | 41.2 | 39.6-42.9 | 6,866 |
| Middle | 59.8 | 58.2-61.4 | 0.0 | 0.0-0.0 | 40.2 | 38.6-41.8 | 7,625 |
| Upper middle | 61.8 | 60.2-63.4 | 0.0 | 0.0-0.0 | 38.2 | 36.6-39.8 | 7,955 |
| Highest | 65.0 | 63.2-66.6 | 0.0 | 0.0-0.0 | 35.0 | 33.4-36.8 | 6,194 |
| INDONESIA | 60.1 | 59.3-60.9 | 0.0 | 0.0-0.0 | 39.9 | 39.1-40.7 | 33,963 |

Tabel 6. 47 Proportion of Tetanus Antibody Titer Levels in Women Aged 15–49 by Characteristic, 2023 SKI

| Characteristic | Tetanus Antibody Titer | | | | | | | | Weighted N | |
|--|------------------------|------------------|----------------|------------------|-------------|------------------|-------------------|----------------|---------------|--|
| | Non-Protective | | Booster Needed | | Protective | | Highly Protective | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Age Range (Year) | | | | | | | | | | |
| 15-24 | 6.5 | 5.5-7.7 | 60.1 | 58.0-62.2 | 31.8 | 29.8-33.9 | 1.6 | 1.1-2.3 | 5,527 | |
| 25-34 | 7.9 | 6.7-9.2 | 59.6 | 57.8-61.3 | 31.1 | 29.5-32.6 | 1.5 | 1.2-1.9 | 5,547 | |
| 35-44 | 22.6 | 21.3-24.0 | 48.5 | 47.0-50.0 | 27.9 | 26.6-29.2 | 1.0 | 0.8-1.3 | 5,227 | |
| 45-49 | 35.1 | 33.1-37.2 | 48.2 | 46.0-50.3 | 16.4 | 15.0-17.8 | 0.3 | 0.1-0.8 | 2,381 | |
| Education | | | | | | | | | | |
| Never attended school | 28.2 | 22.3-34.9 | 53.6 | 47.1-60.0 | 17.5 | 13.4-22.5 | 0.7 | 0.3-0.3 | 377 | |
| Some primary school/Islamic primary school | 22.5 | 18.8-26.8 | 49.9 | 45.4-54.3 | 26.3 | 22.3-30.7 | 1.3 | 0.5-0.6 | 868 | |
| Primary school/Islamic primary school graduate | 18.9 | 17.4-20.6 | 52.9 | 50.8-55.0 | 27.1 | 25.3-29.0 | 1.1 | 0.2-0.7 | 3,886 | |
| Junior secondary school/Islamic junior secondary school graduate | 12.5 | 11.3-13.8 | 56.6 | 54.7-58.5 | 29.8 | 28.1-31.6 | 1.0 | 0.2-0.7 | 4,979 | |
| Senior secondary school/Islamic senior secondary school graduate | 13.2 | 12.2-14.3 | 56.4 | 54.8-57.9 | 29.0 | 27.5-30.5 | 1.5 | 0.2-1.1 | 7,010 | |
| D1/D2/D3/university graduate | 14.7 | 11.8-18.3 | 49.9 | 44.9-54.8 | 34.2 | 29.5-39.2 | 1.2 | 0.3-0.8 | 635 | |
| University graduate | 14.8 | 12.2-17.8 | 56.8 | 52.8-60.6 | 26.9 | 23.5-30.6 | 1.6 | 0.5-0.8 | 925 | |
| Occupation | | | | | | | | | | |
| Unemployed | 6.6 | 5.8-7.4 | 51.0 | 49.4-52.6 | 40.8 | 39.2-42.5 | 1.7 | 1.3-2.1 | 5,933 | |
| Student | 5.4 | 4.2-7.1 | 63.0 | 59.9-66.0 | 30.8 | 27.9-33.9 | 0.8 | 0.4-1.6 | 2,232 | |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 19.7 | 15.4-25.0 | 51.6 | 45.6-57.7 | 27.9 | 23.4-32.9 | 0.7 | 0.3-1.7 | 392 | |
| Private employee | 17.1 | 15.0-19.4 | 58.0 | 55.0-60.9 | 23.4 | 20.9-26.1 | 1.5 | 0.8-2.7 | 2,087 | |
| Self-employed | 20.4 | 18.5-22.5 | 57.3 | 54.9-59.7 | 20.9 | 19.1-22.8 | 1.4 | 0.9-2.1 | 3,012 | |
| Farmer/farm worker | 29.8 | 27.6-32.1 | 53.4 | 50.9-55.9 | 16.2 | 14.6-17.9 | 0.6 | 0.4-1.0 | 2,322 | |
| Fisher | 37.7 | 28.8-47.5 | 51.4 | 42.7-60.0 | 10.2 | 5.3-18.8 | 0.7 | 0.1-4.9 | 127 | |
| Labor/driver/domestic help | 24.9 | 21.6-28.5 | 57.7 | 53.5-61.8 | 16.9 | 14.2-19.9 | 0.5 | 0.2-1.5 | 1,479 | |
| Others | 13.6 | 11.2-16.4 | 52.7 | 49.0-56.4 | 32.2 | 28.7-35.9 | 1.5 | 0.9-2.5 | 1,096 | |
| Residence | | | | | | | | | | |
| Urban | 13.7 | 12.8-14.7 | 55.4 | 54.1-56.7 | 29.7 | 28.5-31.0 | 1.2 | 0.9-1.6 | 11,043 | |
| Rural | 17.1 | 16.0-18.2 | 54.8 | 53.4-56.2 | 26.8 | 25.5-28.1 | 1.3 | 1.0-1.6 | 7,638 | |
| Economic Status | | | | | | | | | | |
| Lowest | 18.6 | 16.9-20.6 | 54.6 | 52.1-57.1 | 25.4 | 23.6-27.4 | 1.3 | 0.9-1.9 | 2,634 | |
| Lower middle | 16.7 | 15.1-18.3 | 56.2 | 54.3-58.2 | 25.8 | 24.2-27.6 | 1.2 | 0.8-1.8 | 3,730 | |
| Middle | 14.7 | 13.2-16.2 | 55.5 | 53.4-57.5 | 28.4 | 26.5-30.5 | 1.4 | 1.0-2.1 | 4,283 | |
| Upper middle | 14.1 | 12.7-15.7 | 54.6 | 52.5-56.6 | 30.4 | 28.6-32.2 | 0.9 | 0.6-1.4 | 4,496 | |
| Highest | 12.5 | 11.0-14.1 | 54.8 | 52.7-57.0 | 31.3 | 29.3-33.4 | 1.4 | 0.8-2.1 | 3,537 | |
| INDONESIA | 15.1 | 14.4-15.8 | 55.2 | 54.2-56.1 | 28.5 | 27.6-29.4 | 1.2 | 1.0-1.5 | 18,681 | |

Table 6.48 Proportion of Measles Antibody Titer Levels in Household Members Aged 0–14 by Characteristic, 2023 SKI

| Characteristic | Measles Antibody Titer | | | | Weighted N |
|--|------------------------|------------------|-------------|------------------|--------------|
| | Negative | | Positive | | |
| | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | |
| 0-4 | 23.8 | 20.0-28.0 | 76.2 | 72.0-80.0 | 827 |
| 5-9 | 19.3 | 16.3-22.7 | 80.7 | 77.3-83.7 | 1,033 |
| 10-14 | 19.2 | 16.5-22.2 | 80.8 | 77.8-83.5 | 1,013 |
| Sex | | | | | |
| Male | 23.9 | 21.1-26.9 | 76.1 | 73.1-78.9 | 1,440 |
| Female | 17.2 | 14.9-19.7 | 82.8 | 80.3-85.1 | 1,433 |
| Education | | | | | |
| Never attended school | 22.6 | 18.7-27.0 | 77.4 | 73.0-81.3 | 551 |
| Some primary school/Islamic primary school | 16.2 | 13.9-18.9 | 83.8 | 81.1-86.1 | 1,109 |
| Primary school/Islamic primary school graduate | 23.5 | 18.6-29.3 | 76.5 | 70.7-81.4 | 366 |
| Junior secondary school/Islamic junior secondary school graduate | 16.8 | 4.7-45.1 | 83.2 | 54.9-95.3 | 19* |
| Senior secondary school/Islamic senior secondary school graduate | 0.0 | 0.0-0.0 | 100.0 | 100-100 | 2* |
| Occupation | | | | | |
| Unemployed | 21.4 | 15.9-28.0 | 78.6 | 72.0-84.1 | 220 |
| Student | 18.6 | 15.7-21.9 | 81.4 | 78.1-84.3 | 791 |
| Farmer/farm worker | 0.0 | 0.0-0.0 | 100.0 | 100-100 | 1* |
| Others | 0.0 | 0.0-0.0 | 100.0 | 100-100 | 2* |
| Residence | | | | | |
| Urban | 21.5 | 18.6-24.6 | 78.5 | 75.4-81.4 | 1,640 |
| Rural | 19.3 | 16.8-22.1 | 80.7 | 77.9-83.2 | 1,233 |
| Economic Status | | | | | |
| Lowest | 18.1 | 14.8-21.9 | 81.9 | 78.1-85.2 | 431 |
| Lower middle | 20.1 | 15.9-25.1 | 79.9 | 74.9-84.1 | 580 |
| Middle | 21.0 | 17.1-25.6 | 79.0 | 74.4-82.9 | 603 |
| Upper middle | 21.0 | 17.3-25.2 | 79.0 | 74.8-82.7 | 722 |
| Highest | 21.8 | 17.0-27.5 | 78.2 | 72.5-83.0 | 536 |
| INDONESIA | 20.5 | 18.6-22.7 | 79.5 | 77.3-81.4 | 2,873 |

*Weighted N <50

Table 6.49 Proportion of Rubella Antibody Titer Levels in Household Members Aged 0–14 by Characteristic, 2023 SKI

| Characteristic | Rubella Antibody Titer | | | | | | Weighted N |
|--|------------------------|-----------------|------------|----------------|-------------|------------------|--------------|
| | Negative | | Equivocal | | Positive | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | | | |
| 0-4 | 17.5 | 14.4-21.2 | 0.7 | 0.4-1.4 | 81.8 | 78.1-84.9 | 1,073 |
| 5-9 | 9.5 | 7.8-11.7 | 0.9 | 0.5-1.8 | 89.5 | 87.2-91.4 | 1,407 |
| 10-14 | 4.8 | 3.7-6.1 | 1.5 | 0.9-2.6 | 93.7 | 92.1-95.0 | 1,557 |
| Sex | | | | | | | |
| Male | 11.0 | 9.4-12.9 | 1.5 | 0.9-2.3 | 87.5 | 85.5-89.3 | 2,007 |
| Female | 8.7 | 7.0-10.6 | 0.8 | 0.4-1.3 | 90.6 | 88.6-92.3 | 2,030 |
| Education | | | | | | | |
| Never attended school | 8.3 | 6.2-10.9 | 1.3 | 0.5-2.8 | 90.5 | 87.4-92.8 | 833 |
| Some primary school/Islamic primary school | 7.5 | 5.9-9.5 | 1.0 | 0.5-1.8 | 91.5 | 89.1-93.4 | 1,517 |
| Primary school/Islamic primary school graduate | 4.0 | 2.6-6.2 | 1.9 | 0.8-4.4 | 94.1 | 91.4-96.0 | 588 |
| Junior secondary school/Islamic junior secondary school graduate | 11.4 | 2.7-37.3 | 0.0 | 0.0-0.0 | 88.6 | 62.7-97.3 | 24* |
| Senior secondary school/Islamic senior secondary school graduate | 0.0 | 0.0-0.0 | 0.0 | 0.0-0.0 | 100.0 | 100-100 | 2* |
| Occupation | | | | | | | |
| Unemployed | 4.8 | 2.9-8.0 | 2.1 | 0.7-6.0 | 93.0 | 88.9-95.7 | 360 |
| Student | 4.7 | 3.5-6.3 | 1.3 | 0.7-2.5 | 94.0 | 92.2-95.3 | 1,188 |
| Private employee | 0.0 | 0.0-0.0 | 0.0 | 0.0-0.0 | 100.0 | 100-100 | 2* |
| Self-employed | 0.0 | 0.0-0.0 | 0.0 | 0.0-0.0 | 100.0 | 100-100 | 1* |
| Farmer/farm worker | 60.0 | 11.9-94.4 | 0.0 | 0.0-0.0 | 40.0 | 5.6-88.1 | 2* |
| Others | 0.0 | 0.0-0.0 | 0.0 | 0.0-0.0 | 100.0 | 100-100 | 3* |
| Residence | | | | | | | |
| Urban | 10.9 | 9.3-12.7 | 0.8 | 0.5-1.5 | 88.3 | 86.4-89.9 | 2,345 |
| Rural | 8.4 | 6.7-10.4 | 1.5 | 0.9-2.4 | 90.2 | 87.9-92 | 1,692 |
| Economic Status | | | | | | | |
| Lowest | 11.9 | 8.9-15.9 | 1.1 | 0.4-3.3 | 86.9 | 82.9-90.2 | 601 |
| Lower middle | 7.7 | 5.5-10.7 | 1.9 | 1.1-3.5 | 90.4 | 87.2-92.9 | 779 |
| Middle | 10.8 | 7.9-14.4 | 0.7 | 0.3-1.7 | 88.6 | 84.9-91.4 | 888 |
| Upper middle | 8.4 | 6.4-10.9 | 0.9 | 0.4-2.2 | 90.7 | 88.1-92.8 | 1,029 |
| Highest | 11.4 | 8.8-14.6 | 1.0 | 0.4-2.3 | 87.7 | 84.4-90.3 | 740 |
| INDONESIA | 9.8 | 8.7-11.2 | 1.1 | 0.8-1.6 | 89.1 | 87.7-90.3 | 4,037 |

*Weighted N <50

Table 6.50 Proportion of Rubella Antibody Titer Levels in WUS Household Members by Characteristic, 2023 SKI

| Characteristic | Rubella Antibody Titer | | | | | | Weighted N |
|--|------------------------|----------------|------------|----------------|-------------|------------------|---------------|
| | Negative | | Equivocal | | Positive | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | | | |
| 15-24 | 9.0 | 7.5-10.7 | 0.9 | 0.4-1.8 | 90.1 | 88.4-91.7 | 3,404 |
| 25-34 | 15.5 | 14.0-17.1 | 1.0 | 0.6-1.4 | 83.6 | 81.9-85.1 | 3,468 |
| 35-44 | 11.4 | 10.2-12.8 | 1.5 | 1.1-2.0 | 87.1 | 85.7-88.4 | 3,297 |
| 45-49 | 10.3 | 8.8-12.0 | 2.0 | 1.3-3.0 | 87.7 | 85.9-89.3 | 1,528 |
| Education | | | | | | | |
| Never attended school | 12.8 | 8.6-18.5 | 1.5 | 0.2-9.9 | 85.7 | 79.2-90.4 | 235 |
| Some primary school/Islamic primary school | 11.7 | 8.8-15.4 | 2.1 | 1.0-4.2 | 86.2 | 82.4-89.2 | 563 |
| Primary school/Islamic primary school graduate | 12.9 | 11.3-14.7 | 1.5 | 1.0-2.3 | 85.6 | 83.7-87.3 | 2,594 |
| Junior secondary school/Islamic junior secondary school graduate | 10.2 | 8.9-11.6 | 0.7 | 0.4-1.2 | 89.2 | 87.7-90.5 | 3,209 |
| Senior secondary school/Islamic senior secondary school graduate | 12.1 | 10.8-13.5 | 1.2 | 0.8-1.9 | 86.7 | 85.2-88.0 | 4,108 |
| D1/D2/D3/university graduate | 11.6 | 8.7-15.3 | 1.6 | 0.7-3.6 | 86.8 | 82.9-89.9 | 414 |
| University graduate | 12.8 | 9.9-16.3 | 1.5 | 0.7-3.2 | 85.7 | 82.0-88.7 | 574 |
| Occupation | | | | | | | |
| Unemployed | 12.7 | 11.5-13.8 | 1.1 | 0.8-1.5 | 86.3 | 85.0-87.4 | 6,181 |
| Student | 5.1 | 3.7-6.9 | 0.4 | 0.1-1.2 | 94.5 | 92.6-96.0 | 1,350 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 10.9 | 7.0-16.5 | 1.3 | 0.4-4.0 | 87.9 | 82.1-91.9 | 207 |
| Private employee | 13.0 | 10-16.7 | 2.0 | 0.7-5.5 | 85.0 | 80.9-88.4 | 802 |
| Self-employed | 13.2 | 10.7-16.1 | 2.0 | 1.2-3.5 | 84.8 | 81.7-87.4 | 1,094 |
| Farmer/farm worker | 10.6 | 8.3-13.5 | 0.8 | 0.3-1.8 | 88.6 | 85.7-91.1 | 768 |
| Fisher | 0.0 | 0.0-0.0 | 0.0 | 0.0-0.0 | 100.0 | 100-100 | 13* |
| Labor/driver/domestic help | 15.7 | 11.5-21 | 3.2 | 1.4-7.3 | 81.1 | 75.1-86.0 | 365 |
| Others | 12.8 | 10.5-15.4 | 1.1 | 0.6-2.0 | 86.1 | 83.5-88.4 | 916 |
| Residence | | | | | | | |
| Urban | 11.4 | 10.4-12.5 | 1.4 | 1-1.9 | 87.2 | 86.0-88.3 | 6,954 |
| Rural | 12.3 | 11.2-13.5 | 0.9 | 0.6-1.4 | 86.7 | 85.5-87.9 | 4,743 |
| Economic Status | | | | | | | |
| Lowest | 11.1 | 9.2-13.4 | 1.5 | 0.9-2.4 | 87.4 | 85.1-89.4 | 1,557 |
| Lower middle | 11.2 | 9.7-13.0 | 1.0 | 0.6-1.6 | 87.8 | 86.0-89.4 | 2,288 |
| Middle | 13.1 | 11.6-14.8 | 0.9 | 0.6-1.5 | 86.0 | 84.3-87.5 | 2,678 |
| Upper middle | 12.2 | 10.6-14.0 | 1.1 | 0.6-2.0 | 86.7 | 84.8-88.3 | 2,916 |
| Highest | 10.6 | 8.9-12.7 | 1.7 | 1.1-2.6 | 87.7 | 85.4-89.6 | 2,258 |
| INDONESIA | 11.8 | 11-12.6 | 1.2 | 0.9-1.5 | 87.0 | 86.2-87.8 | 11,697 |

*Weighted N <50

CHAPTER 7

NON-COMMUNICABLE DISEASES

This chapter aims to provide an overview of the population experiencing specific non-communicable diseases (NCDs). The NCD section will address indicators included in the SDGs, the Ministry of Health's Strategic Plan 2020–2024, health sector's minimum services standards, health transformation, and Germas, including:

1. Prevalence of NCDs diagnosed by a doctor: Household members/respondents who have been diagnosed with an NCD by a doctor during their lifetime.
2. Proportion of the population with NCDs undergoing follow-up examinations/control: Household members/respondents who seek follow-up examinations/control for their NCDs (hypertension, diabetes mellitus [DM], stroke) at healthcare facilities.
3. Proportion of NCD treatment: Household members/respondents undergoing treatment for their NCDs (hypertension, DM).
4. Proportion of individuals with hypertension whose blood pressure is controlled.
5. Proportion of individuals with DM whose blood sugar levels are controlled.

The types of surveyed diseases include chronic conditions that cause the highest mortality and/or incur the highest healthcare costs, namely asthma, general cancer, DM, heart disease, hypertension, stroke, and chronic kidney disease. Data on asthma, cancer, DM, and heart disease are collected from respondents of all ages, while data on hypertension, stroke, and chronic kidney disease are collected from respondents aged ≥ 15 years.

In addition to interviews and measurements, this chapter also presents the results of field laboratory examinations. For respondents who have been interviewed, blood specimens were collected and rapid tests and/or laboratory examinations were conducted. Data and information from interviews can provide insights at the district/city level, while blood test results are presented only at the national level.

7.1. ASTHMA

- a. Prevalence of asthma based on doctor diagnosis for all ages.

Prevalence of asthma is the proportion of the population of all ages diagnosed with asthma by a doctor (percentage).

$$\text{Prevalence of asthma} = \frac{\text{Household members of all ages who have been diagnosed with asthma by a doctor}}{\text{Interviewed household members of all ages}}$$

- b. Proportion of asthma recurrence.

The **proportion of asthma recurrence** is the proportion of individuals of all ages diagnosed with asthma by a doctor who have experienced a recurrence in the last 12 months (percentage).

$$\text{Proportion of asthma recurrence in the last 12 months} = \frac{\text{Household members of all ages who had asthma recurrence in the last 12 months}}{\text{Household members of all ages who have been diagnosed with asthma by doctor}}$$

**Table 7.1 Prevalence of Asthma in All Ages Based on Doctor Diagnosis by Province, 2023
SKI**

| Province | Asthma Based on Doctor Diagnosis | | Weighted N |
|-------------------------|----------------------------------|-----------------|----------------|
| | % | 95% CI | |
| Aceh | 1.0 | 0.9 - 1.2 | 17,271 |
| North Sumatra | 0.5 | 0.4 - 0.6 | 48,469 |
| West Sumatra | 1.5 | 1.3 - 1.7 | 18,138 |
| Riau | 1.2 | 1.0 - 1.4 | 20,925 |
| Jambi | 0.8 | 0.6 - 1.0 | 11,588 |
| South Sumatra | 1.2 | 1.1 - 1.4 | 27,532 |
| Bengkulu | 1.4 | 1.1 - 1.7 | 6,571 |
| Lampung | 1.4 | 1.2 - 1.6 | 29,331 |
| Bangka Belitung Islands | 1.6 | 1.4 - 1.9 | 4,763 |
| Riau Islands | 1.7 | 1.4 - 2.1 | 6,782 |
| DKI Jakarta | 1.9 | 1.6 - 2.4 | 33,552 |
| West Java | 2.4 | 2.2 - 2.6 | 156,977 |
| Central Java | 1.3 | 1.2 - 1.4 | 118,184 |
| DI Yogyakarta | 3.5 | 3.0 - 4.0 | 11,757 |
| East Java | 1.7 | 1.6 - 1.8 | 130,683 |
| Banten | 1.9 | 1.6 - 2.3 | 38,751 |
| Bali | 2.0 | 1.7 - 2.3 | 13,859 |
| West Nusa Tenggara | 2.3 | 1.9 - 2.6 | 17,522 |
| East Nusa Tenggara | 1.3 | 1.2 - 1.5 | 17,550 |
| West Kalimantan | 1.5 | 1.3 - 1.8 | 17,713 |
| Central Kalimantan | 1.7 | 1.5 - 2.0 | 8,737 |
| South Kalimantan | 1.7 | 1.5 - 1.9 | 13,299 |
| East Kalimantan | 2.4 | 2.1 - 2.8 | 12,360 |
| North Kalimantan | 1.8 | 1.4 - 2.3 | 2,300 |
| North Sulawesi | 1.0 | 0.8 - 1.2 | 8,439 |
| Central Sulawesi | 2.1 | 1.8 - 2.5 | 9,721 |
| South Sulawesi | 1.3 | 1.2 - 1.5 | 29,481 |
| Southeast Sulawesi | 1.6 | 1.4 - 1.9 | 8,664 |
| Gorontalo | 1.4 | 1.1 - 1.8 | 3,821 |
| West Sulawesi | 1.1 | 0.8 - 1.6 | 4,667 |
| Maluku | 1.1 | 0.9 - 1.3 | 6,050 |
| North Maluku | 1.0 | 0.8 - 1.3 | 4,213 |
| West Papua | 1.3 | 0.9 - 1.8 | 1,795 |
| Southwest Papua | 1.6 | 1.2 - 2.2 | 1,947 |
| Papua | 1.4 | 1.1 - 1.8 | 3,299 |
| South Papua | 2.3 | 1.7 - 3.1 | 1,684 |
| Central Papua | 1.4 | 1.0 - 2.1 | 4,577 |
| Highland Papua | 0.7 | 0.3 - 1.6 | 4,563 |
| INDONESIA | 1.6 | 1.6 -1.7 | 877,531 |

Table 7.2 Prevalence of Asthma in All Ages Based on Doctor Diagnosis by Characteristic, 2023 SKI

| Characteristic | Asthma Based on Doctor Diagnosis | | Weighted N |
|--|----------------------------------|-----------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| < 1 | 0.1 | 0.1 - 0.3 | 11,518 |
| 1-4 | 0.7 | 0.6 - 0.8 | 59,253 |
| 5-14 | 1.2 | 1.1 - 1.3 | 138,465 |
| 15-24 | 1.5 | 1.3 - 1.6 | 139,891 |
| 25-34 | 1.4 | 1.3 - 1.6 | 140,206 |
| 35-44 | 1.7 | 1.5 - 1.8 | 131,595 |
| 45-54 | 2.0 | 1.8 - 2.1 | 113,367 |
| 55-64 | 2.3 | 2.2 - 2.5 | 81,723 |
| 65-74 | 3.2 | 2.9 - 3.5 | 44,881 |
| 75+ | 3.1 | 2.7 - 3.5 | 16,632 |
| Sex | | | |
| Male | 1.5 | 1.4 - 1.5 | 443,261 |
| Female | 1.8 | 1.8 - 1.9 | 434,270 |
| Education | | | |
| Never attended school | 1.5 | 1.4 - 1.7 | 69,130 |
| Some primary school/Islamic primary school | 1.6 | 1.5 - 1.8 | 115,061 |
| Primary school/Islamic primary school graduate | 1.9 | 1.8 - 2.0 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 1.7 | 1.6 - 1.8 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 1.6 | 1.5 - 1.7 | 216,658 |
| D1/D2/D3/university graduate | 2.4 | 2.2 - 2.6 | 64,050 |
| Occupation | | | |
| Unemployed | 2.1 | 2.0 - 2.2 | 213,116 |
| Student | 1.5 | 1.4 - 1.6 | 117,785 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 1.8 | 1.6 - 2.1 | 20,811 |
| Private employee | 1.6 | 1.4 - 1.8 | 76,283 |
| Self-employed | 1.7 | 1.6 - 1.8 | 102,060 |
| Farmer/farm worker | 1.7 | 1.6 - 1.8 | 107,876 |
| Fisher | 1.4 | 1.1 - 1.8 | 5,358 |
| Labor/driver/domestic help | 1.8 | 1.6 - 2.1 | 54,102 |
| Others | 1.9 | 1.7 - 2.1 | 40,262 |
| Residence | | | |
| Urban | 1.9 | 1.8 - 2.0 | 512,403 |
| Rural | 1.3 | 1.3 - 1.4 | 365,128 |
| Economic Status | | | |
| Lowest | 1.5 | 1.4 - 1.6 | 125,275 |
| Lower middle | 1.6 | 1.5 - 1.7 | 158,606 |
| Middle | 1.5 | 1.4 - 1.6 | 185,555 |
| Upper middle | 1.5 | 1.4 - 1.6 | 204,817 |
| Highest | 2.1 | 1.9 - 2.2 | 203,216 |

Table 7.3. Proportion of Asthma Recurrence in All Ages in the Last 12 Months Based on Doctor Diagnosis by Province, 2023 SKI

| Province | Asthma Recurrence in the Last 12 Months | | Weighted N |
|-------------------------|---|--------------------|---------------|
| | % | 95% CI | |
| Aceh | 67.8 | 60.9 - 74.0 | 162 |
| North Sumatra | 64.3 | 54.9 - 72.6 | 232 |
| West Sumatra | 70.7 | 65.2 - 75.6 | 252 |
| Riau | 68.5 | 60.6 - 75.5 | 230 |
| Jambi | 64.8 | 54.6 - 73.9 | 84 |
| South Sumatra | 66.9 | 60.3 - 73.0 | 308 |
| Bengkulu | 69.5 | 61.0 - 76.8 | 83 |
| Lampung | 61.3 | 53.4 - 68.6 | 367 |
| Bangka Belitung Islands | 60.3 | 52.5 - 67.6 | 71 |
| Riau Islands | 62.5 | 51.1 - 72.6 | 106 |
| DKI Jakarta | 45.1 | 37.3 - 53.2 | 598 |
| West Java | 55.9 | 52.2 - 59.6 | 3,453 |
| Central Java | 55.6 | 51.2 - 59.9 | 1,394 |
| DI Yogyakarta | 44.6 | 38.8 - 50.4 | 381 |
| East Java | 62.2 | 58.8 - 65.5 | 2061 |
| Banten | 50.6 | 43.1 - 58.1 | 700 |
| Bali | 57.4 | 51.3 - 63.3 | 254 |
| West Nusa Tenggara | 65.6 | 58.4 - 72.1 | 367 |
| East Nusa Tenggara | 56.8 | 51.5 - 61.9 | 216 |
| West Kalimantan | 61.9 | 55.2 - 68.2 | 254 |
| Central Kalimantan | 57.7 | 50.9 - 64.2 | 139 |
| South Kalimantan | 60.5 | 54.6 - 66.2 | 204 |
| East Kalimantan | 58.3 | 51.7 - 64.5 | 280 |
| North Kalimantan | 54.1 | 41.2 - 66.5 | 39* |
| North Sulawesi | 61.8 | 54.8 - 68.4 | 78 |
| Central Sulawesi | 64.2 | 57.2 - 70.6 | 189 |
| South Sulawesi | 63.1 | 57.1 - 68.7 | 363 |
| Southeast Sulawesi | 65.7 | 59.2 - 71.7 | 132 |
| Gorontalo | 66.6 | 54.9 - 76.5 | 50 |
| West Sulawesi | 66.9 | 55.1 - 76.9 | 49* |
| Maluku | 60.3 | 50.7 - 69.2 | 61 |
| North Maluku | 51.5 | 41.3 - 61.5 | 41* |
| West Papua | 61.3 | 49.3 - 72.0 | 21* |
| Southwest Papua | 53.5 | 36.6 - 69.7 | 29* |
| Papua | 69.6 | 56.1 - 80.4 | 42* |
| South Papua | 67.4 | 54.9 - 77.9 | 36* |
| Central Papua | 42.6 | 27.8 - 58.8 | 61 |
| Highland Papua | 51.8 | 35.3 - 67.9 | 30* |
| INDONESIA | 58.3 | 56.8 - 59.7 | 13,418 |

*Weighted N < 50.

Table 7.4. Proportion of Asthma Recurrence in All Ages in the Last 12 Months Based on Doctor Diagnosis by Characteristic, 2023 SKI

| Characteristic | Asthma Recurrence in the Last 12 Months (%) | | Weighted N |
|--|---|-------------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| < 1 | 53.5 | 23.2 - 81.4 | 16* |
| 1-4 | 66.0 | 58.7 - 72.7 | 380 |
| 5-14 | 59.8 | 56.0 - 63.5 | 1,574 |
| 15-24 | 50.0 | 45.4 - 54.6 | 1,905 |
| 25-34 | 50.6 | 46.4 - 54.8 | 1,883 |
| 35-44 | 56.9 | 53.6 - 60.1 | 2,026 |
| 45-54 | 58.8 | 55.5 - 62.0 | 2,057 |
| 55-64 | 61.9 | 58.2 - 65.5 | 1,772 |
| 65-74 | 69.0 | 64.6 - 73.1 | 1,331 |
| 75+ | 70.7 | 64.4 - 76.3 | 474 |
| Sex | | | |
| Male | 56.5 | 54.2 - 58.7 | 6,009 |
| Female | 59.7 | 57.9 - 61.5 | 7,409 |
| Education | | | |
| Never attended school | 67.9 | 63.5 - 71.9 | 970 |
| Some primary school/Islamic primary school | 63.8 | 60.2 - 67.3 | 1,753 |
| Primary school/Islamic primary school graduate | 66.3 | 63.7 - 68.8 | 3,401 |
| Junior secondary school/Islamic junior secondary school graduate | 55.0 | 51.0 - 58.9 | 2,277 |
| Senior secondary school/Islamic senior secondary school graduate | 49.7 | 46.8 - 52.7 | 3,200 |
| D1/D2/D3/university graduate | 47.9 | 43.6 - 52.3 | 1,420 |
| Occupation | | | |
| Unemployed | 59.3 | 56.6 - 61.8 | 4,186 |
| Student | 53.8 | 49.4 - 58.3 | 1,618 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 53.6 | 46.6 - 60.4 | 348 |
| Private employee | 45.8 | 40.5 - 51.2 | 1,130 |
| Self-employed | 55.9 | 51.6 - 60.0 | 1,596 |
| Farmer/farm worker | 68.9 | 65.8 - 71.9 | 1,682 |
| Fisher | 63.7 | 51.7 - 74.1 | 71 |
| Labor/driver/domestic help | 53.9 | 47.1 - 60.6 | 905 |
| Others | 59.5 | 54.4 - 64.3 | 714 |
| Residence | | | |
| Urban | 55.2 | 53.4 - 57.0 | 8,921 |
| Rural | 64.3 | 61.8 - 66.6 | 4,497 |
| Economic Status | | | |
| Lowest | 65.7 | 62.4 - 68.8 | 1,769 |
| Lower middle | 63.8 | 60.4 - 67.1 | 2,305 |
| Middle | 62.3 | 59.2 - 65.2 | 2,559 |
| Upper middle | 55.7 | 52.4 - 59.0 | 2,884 |
| Highest | 50.8 | 48.0 - 53.6 | 3,898 |

*Weighted N < 50.

7.2. CANCER

- a. Prevalence of cancer.

The **prevalence of cancer** is the prevalence of cancer based on doctor diagnosis in the population of all ages (per thousand).

$$\text{Prevalence of cancer (per thousand)} = \frac{\text{Household members of all ages who have been diagnosed with cancer by a doctor}}{\text{Interviewed household members of all ages}}$$

- b. Proportion of types of cancer treatment.

The **proportion of types of cancer treatment** is the proportion of types of cancer treatment in the population of all ages with cancer based on doctor diagnosis (percent).

$$\text{Types of cancer treatment} = \frac{\text{Each type of cancer treatment undergone (surgery, radiation, chemotherapy, others)}}{\text{Household members of all ages who have been diagnosed with cancer by a doctor}}$$

In the table of types of cancer treatment, traditional treatment is obtained from the "others" answers that have been recoded. Traditional treatment includes alternative treatment, taking medicine, or consuming vitamins.

Table 7.5 Prevalence (Per Thousand) of Cancer in All Ages Based on Doctor Diagnosis by Province, 2023 SKI

| Province | Cancer Based on Doctor Diagnosis | | Weighted N |
|-------------------------|----------------------------------|------------------|----------------|
| | % | 95% CI (%) | |
| Aceh | 0.7 | 0.5 - 1.0 | 17,271 |
| North Sumatra | 0.9 | 0.5 - 1.7 | 48,469 |
| West Sumatra | 2.0 | 1.5 - 2.7 | 18,138 |
| Riau | 1.0 | 0.6 - 1.6 | 20,925 |
| Jambi | 0.7 | 0.4 - 1.1 | 11,588 |
| South Sumatra | 0.8 | 0.5 - 1.3 | 27,532 |
| Bengkulu | 0.7 | 0.4 - 1.2 | 6,571 |
| Lampung | 1.2 | 0.7 - 2.1 | 29,331 |
| Bangka Belitung Islands | 0.8 | 0.4 - 1.4 | 4,763 |
| Riau Islands | 0.8 | 0.4 - 1.8 | 6,782 |
| DKI Jakarta | 2.4 | 1.5 - 3.8 | 33,552 |
| West Java | 1.1 | 0.8 - 1.4 | 156,977 |
| Central Java | 1.7 | 1.4 - 2.1 | 118,184 |
| DI Yogyakarta | 3.6 | 2.6 - 5.0 | 11,757 |
| East Java | 1.4 | 1.1 - 1.7 | 130,683 |
| Banten | 1.2 | 0.7 - 2.0 | 38,751 |
| Bali | 1.4 | 0.9 - 2.2 | 13,859 |
| West Nusa Tenggara | 0.8 | 0.4 - 1.6 | 17,522 |
| East Nusa Tenggara | 0.8 | 0.5 - 1.2 | 17,550 |
| West Kalimantan | 0.8 | 0.5 - 1.4 | 17,713 |
| Central Kalimantan | 0.8 | 0.4 - 1.7 | 8,737 |
| South Kalimantan | 0.8 | 0.5 - 1.3 | 13,299 |
| East Kalimantan | 1.4 | 0.8 - 2.5 | 12,360 |
| North Kalimantan | 1.1 | 0.5 - 2.5 | 2,300 |
| North Sulawesi | 1.2 | 0.6 - 2.0 | 8,439 |
| Central Sulawesi | 0.9 | 0.5 - 1.7 | 9,721 |
| South Sulawesi | 0.8 | 0.6 - 1.2 | 29,481 |
| Southeast Sulawesi | 0.6 | 0.4 - 1.1 | 8,664 |
| Gorontalo | 0.2 | 0.1 - 0.7 | 3,821 |
| West Sulawesi | 0.4 | 0.2 - 1.0 | 4,667 |
| Maluku | 0.8 | 0.4 - 1.6 | 6,050 |
| North Maluku | 0.4 | 0.1 - 1.2 | 4,213 |
| West Papua | 0.7 | 0.2 - 2.4 | 1,795 |
| Southwest Papua | 0.6 | 0.1 - 2.5 | 1,947 |
| Papua | 0.5 | 0.2 - 1.1 | 3,299 |
| South Papua | 1.9 | 0.6 - 6.6 | 1,684 |
| Central Papua | 1.2 | 0.5 - 2.7 | 4,577 |
| Highland Papua | 0.0 | 0.0 - 0.3 | 4,563 |
| INDONESIA | 1.2 | 1.1 - 1.3 | 877,531 |

Nationally, out of the 1.2 per thousand prevalence of cancer in Indonesia in 2023, the proportion of respondents undergoing types of treatment, namely surgery/operation, radiation, chemotherapy, traditional treatment, or others, sequentially are 66.4%, 23.6%, 45.9%, 7.7%, and 6.8% (weighted N = 1,036).

Table 7.6. Prevalence (Per Thousand) of Cancer in All Ages Based on Doctor Diagnosis by Characteristic, 2023 SKI

| Characteristic | Cancer Based on Doctor Diagnosis | | Weighted N |
|--|----------------------------------|------------|------------|
| | % | 95% CI (%) | |
| Age Range (Year) | | | |
| < 1 | 0.0** | 0.0 - 0.0 | 11,518 |
| 1-4 | 0.0** | 0.0 - 0.0 | 59,253 |
| 5-14 | 0.1 | 0.0 - 0.2 | 138,465 |
| 15-24 | 0.5 | 0.3 - 0.8 | 139,891 |
| 25-34 | 0.5 | 0.3 - 0.7 | 140,206 |
| 35-44 | 1.4 | 1.1 - 1.8 | 131,595 |
| 45-54 | 2.5 | 2.1 - 3.0 | 113,367 |
| 55-64 | 3.2 | 2.7 - 3.9 | 81,723 |
| 65-74 | 3.1 | 2.4 - 3.9 | 44,881 |
| 75+ | 3.1 | 2.0 - 4.7 | 16,632 |
| Sex | | | |
| Male | 0.5 | 0.4 - 0.6 | 443,261 |
| Female | 2.0 | 1.8 - 2.2 | 434,270 |
| Education | | | |
| Never attended school | 0.6 | 0.4 - 1.0 | 69,130 |
| Some primary school/Islamic primary school | 0.7 | 0.5 - 1.0 | 115,061 |
| Primary school/Islamic primary school graduate | 1.3 | 1.1 - 1.5 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 1.3 | 1.0 - 1.7 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 1.6 | 1.3 - 1.9 | 216,658 |
| D1/D2/D3/university graduate | 2.5 | 1.9 - 3.1 | 64,050 |
| Occupation | | | |
| Unemployed | 2.4 | 2.0 - 2.7 | 213,116 |
| Student | 0.4 | 0.2 - 0.7 | 117,785 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 2.0 | 1.4 - 2.7 | 20,811 |
| Private employee | 1.0 | 0.7 - 1.5 | 76,283 |
| Self-employed | 1.7 | 1.3 - 2.2 | 102,060 |
| Farmer/farm worker | 1.1 | 0.9 - 1.4 | 107,876 |
| Fisher | 0.7 | 0.1 - 3.8 | 5,358 |
| Labor/driver/domestic help | 0.8 | 0.5 - 1.2 | 54,102 |
| Others | 1.7 | 1.3 - 2.2 | 40,262 |
| Residence | | | |
| Urban | 1.5 | 1.3 - 1.7 | 512,403 |
| Rural | 0.8 | 0.7 - 1.0 | 365,128 |
| Economic Status | | | |
| Lowest | 1.0 | 0.7 - 1.3 | 125,275 |
| Lower middle | 0.9 | 0.7 - 1.1 | 158,606 |
| Middle | 1.1 | 0.9 - 1.4 | 185,555 |
| Upper middle | 1.2 | 1.0 - 1.5 | 204,817 |
| Highest | 1.8 | 1.5 - 2.1 | 203,216 |

**Prevalence < 0.05.

Table 7.7. Proportion of Types of Cancer Treatment in All Ages Based on Doctor Diagnosis by Characteristic, 2023 SKI

| Characteristic | Type of Cancer Treatment (%) | | | | | Weighted N |
|--|------------------------------|-------------|--------------|-----------------------|------------|--------------|
| | Surgery | Radiation | Chemotherapy | Traditional Treatment | Others | |
| Age Range | | | | | | |
| < 1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1-4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 5-14 | 57.1 | 39.6 | 73.9 | 0.0 | 9.8 | 13* |
| 15-24 | 55.4 | 10.9 | 25.4 | 2.0 | 16.4 | 64 |
| 25-34 | 62.7 | 13.0 | 18.0 | 11.6 | 8.3 | 64 |
| 35-44 | 60.7 | 21.3 | 42.3 | 6.6 | 7.3 | 183 |
| 45-54 | 65.2 | 25.5 | 60.8 | 5.7 | 4.1 | 276 |
| 55-64 | 68.0 | 22.8 | 35.8 | 15.5 | 4.7 | 254 |
| 65-74 | 77.9 | 29.8 | 61.7 | 1.6 | 4.1 | 133 |
| 75+ | 75.3 | 33.6 | 40.4 | 3.5 | 4.1 | 50 |
| Sex | | | | | | |
| Male | 56.1 | 24.6 | 38.4 | 1.6 | 2.0 | 207 |
| Female | 68.9 | 23.3 | 47.8 | 9.2 | 8.0 | 829 |
| Education | | | | | | |
| Never attended school | 60.5 | 13.5 | 30.7 | 17.2 | 0.3 | 43* |
| Some primary school/Islamic primary school | 67.8 | 27.5 | 42.5 | 3.1 | 2.2 | 77 |
| Primary school/Islamic primary school graduate | 66.5 | 21.7 | 37.7 | 8.1 | 7.4 | 246 |
| Junior secondary school/Islamic junior secondary school graduate | 54.4 | 29.7 | 51.6 | 3.6 | 8.1 | 181 |
| Senior secondary school/Islamic senior secondary school graduate | 72.1 | 23.8 | 50.1 | 7.4 | 7.3 | 337 |
| D1/D2/D3/university graduate | 68.7 | 19.5 | 49.1 | 12.2 | 7.7 | 151 |
| Occupation | | | | | | |
| Unemployed | 67.9 | 22.2 | 47.3 | 9.5 | 7.4 | 482 |
| Student | 50.1 | 17.6 | 44.7 | 1.4 | 0.0 | 43* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 78.9 | 37.6 | 62.5 | 4.4 | 5.2 | 39* |
| Private employee | 66.2 | 30.4 | 46.9 | 2.3 | 8.7 | 73 |
| Self-employed | 65.0 | 30.3 | 49.9 | 10.5 | 9.3 | 168 |
| Farmer/farm worker | 69.7 | 17.2 | 36.6 | 2.9 | 1.1 | 116 |
| Fisher | 7.4 | 0.0 | 89.1 | 0.0 | 0.0 | 3* |
| Labor/driver/domestic help | 62.8 | 29.0 | 42.4 | 4.9 | 6.7 | 40* |
| Others | 64.7 | 13.1 | 30.3 | 10.3 | 10.9 | 65 |
| Residence | | | | | | |
| Urban | 68.7 | 25.0 | 50.1 | 7.5 | 6.9 | 739 |
| Rural | 60.7 | 20.1 | 35.5 | 8.0 | 6.7 | 297 |
| Economic Status | | | | | | |
| Lowest | 62.4 | 14.4 | 19.6 | 7.2 | 12.8 | 115 |
| Lower middle | 66.5 | 14.7 | 43.2 | 9.3 | 5.0 | 134 |
| Middle | 65.3 | 23.0 | 39.3 | 5.6 | 8.4 | 203 |
| Upper middle | 69.9 | 27.2 | 41.7 | 4.4 | 6.9 | 239 |
| Highest | 65.8 | 27.9 | 62.6 | 10.7 | 4.6 | 345 |
| INDONESIA | 66.4 | 23.6 | 45.9 | 7.7 | 6.8 | 1,036 |

*Weighted N < 50.

7.3. DIABETES MELLITUS (DM)

- a. Prevalence of DM based on diagnosis in the population of all ages.

The **prevalence of DM based on diagnosis in the population of all ages** is the prevalence of DM based on doctor diagnosis in the population of all ages (percent).

$$\frac{\text{Prevalence of DM based on doctor diagnosis}}{\text{Interviewed household members of all ages}} = \frac{\text{Household members of all ages who have been diagnosed with DM by a doctor}}{\text{Interviewed household members of all ages}}$$

- b. Prevalence of DM based on diagnosis in individuals aged ≥ 15 years.

The **prevalence of DM based on diagnosis in individuals aged ≥ 15 years** is the prevalence of DM based on doctor's diagnosis in the population aged ≥ 15 years (percent).

$$\frac{\text{Prevalence of DM based on doctor diagnosis (age } \geq 15 \text{ years)}}{\text{Interviewed household members aged } \geq 15 \text{ years}} = \frac{\text{Household members aged } \geq 15 \text{ years that have been diagnosed with DM}}{\text{Interviewed household members aged } \geq 15 \text{ years}}$$

- c. Prevalence of DM based on examination in the population aged ≥ 15 years.

The **prevalence of DM based on examination in individuals aged ≥ 15 years** is the prevalence of DM based on blood glucose level examination results using Point of Care Testing (POCT) in individuals aged ≥ 15 years (percent). The result is considered diabetic if fasting blood glucose level is ≥ 126 mg/dl; or blood glucose level 2 hours after loading is ≥ 200 mg/dl.

$$\frac{\text{Prevalence of DM based on examination (age } \geq 15 \text{ years)}}{\text{Biomedical household members aged } \geq 15 \text{ tested for blood glucose level}} = \frac{\text{Biomedical household members aged } \geq 15 \text{ with diabetic blood glucose level result}}{\text{Biomedical household members aged } \geq 15 \text{ tested for blood glucose level}}$$

- d. Prevalence of prediabetes in the population aged ≥ 15 years, divided into Impaired Fasting Glucose (IFG) and Impaired Glucose Tolerance (IGT).

The **prevalence of IFG** is the prevalence of IFG based on blood glucose level examination results using POCT in individuals aged ≥ 15 years (percent). The result is considered IFG if fasting blood glucose level is 100–125 mg/dl AND blood glucose level 2 hours after loading is < 140 mg/dl.

$$\frac{\text{Prevalence of IFG based on examination (age } \geq 15 \text{ years)}}{\text{Biomedical household members aged } \geq 15 \text{ tested for blood glucose level}} = \frac{\text{Biomedical households aged } \geq 15 \text{ with IFG blood glucose level result}}{\text{Biomedical household members aged } \geq 15 \text{ tested for blood glucose level}}$$

- e. The prevalence of IGT is the prevalence of IGT based on blood glucose level examination results using POCT in individuals aged ≥ 15 years (percent). The result is considered IGT if blood glucose level 2 hours after loading is 140–99 mg/dl AND fasting blood glucose level is < 100 mg/dl.

$$\text{Prevalence of IGT based on examination (age } \geq 15 \text{ years)} = \frac{\text{Biomedical households aged } \geq 15 \text{ with IGT blood glucose level result}}{\text{Biomedical household members aged } \geq 15 \text{ tested for blood glucose level}}$$

f. Proportion of types of DM.

The **proportion of types of DM** is the proportion of DM types based on doctor diagnosis in all ages (percent).

$$\text{Types of DM} = \frac{\text{Types of DM based on doctor diagnosis}}{\text{Household members of all ages that have been diagnosed with DM by a doctor}}$$

g. Proportion of DM treatment types.

The **proportion of DM treatment types** is the proportion of DM treatment types in all ages with DM based on doctor diagnosis (percent), with multiple responses possible.

$$\text{DM treatment types} = \frac{\text{Each type of DM treatment undergone (anti-DM medication from medical personnel, insulin injection, anti-DM medication self-purchased, not yet needing anti-DM medication)}}{\text{Household members of all ages that have been diagnosed with DM by a doctor}}$$

h. Proportion of DM treatment education.

The **proportion of DM treatment education** is the proportion of those who received information/explanation that DM medication must be taken continuously/lifelong (receiving education) in all ages receiving DM treatment (percent).

$$\text{Proportion of DM treatment education} = \frac{\text{Have received education about DM treatment}}{\text{Household members of all ages treated for DM}}$$

i. Proportion of adherence to DM treatment.

The **proportion of adherence to DM treatment** is the proportion of people of all ages with DM who take medication or insulin according to doctor's instructions (percent).

$$\text{Proportion of adherence to DM treatment} = \frac{\text{Number of people of all ages with DM who take medication or insulin according to doctor's instruction}}{\text{Household members of all ages treated for DM}}$$

j. DM Proportion of reasons for non-adherence to DM treatment.

The **proportion of reasons for non-adherence to DM treatment** is the proportion of reasons for not taking DM medication/insulin according to doctor's instructions in the population of all ages with DM based on doctor diagnosis who do not take medication or insulin according to doctor's instructions (percent).

$$\text{Proportion of reasons for non-adherence to DM treatment} = \frac{\text{Each reason for not taking DM medication or insulin injections as per doctor's instructions}}{\text{Household members of all ages who do not take DM medication or insulin injections as per doctor's instructions}}$$

- k. Proportion of types of DM control.

The **proportion of types of DM control** is the proportion of types of DM control in the population of all ages with DM based on doctor diagnosis (percent).

$$\text{Proportion of DM control types} = \frac{\text{Each type of DM control (diet, exercise, alternative herbal)}}{\text{Household members of all ages who have been diagnosed with DM by a doctor}}$$

- I. Proportion of follow-up/control visits for DM at healthcare facilities.

The **proportion of follow-up/control visits for DM at healthcare facilities** is the proportion of follow-up/control visits for DM at healthcare facilities in the population of all ages with DM based on doctor diagnosis (percent).

$$\text{Proportion of DM control at healthcare facilities} = \frac{\text{Control visits for DM at healthcare facilities}}{\text{Household members of all ages who have been diagnosed with DM by a doctor}}$$

- m. Proportion of controlled DM.

The **proportion of controlled DM** is the proportion of HbA1C test results < 7% in individuals aged 15 years with DM based on doctor diagnosis (percent).

$$\text{Proportion of controlled DM} = \frac{\text{Household members diagnosed with DM with HbA1C levels } < 7\%}{\text{Household members aged } \geq 15 \text{ diagnosed with DM tested for their HbA1C level}}$$

- n. Proportion of DM symptoms in the last 1 month.

The **proportion of DM symptoms in the last 1 month** is the proportion of DM symptoms in the last 1 month in all ages who have never been diagnosed with DM (percent); answers can be more than one.

$$\text{Proportion of DM symptoms in the last 1 month} = \frac{\text{Each DM symptom in the last 1 month}}{\text{Household members of all ages who have never been diagnosed with a DM by a doctor}}$$

**Table 7.8 Prevalence of DM Based on Doctor Diagnosis in All Ages by Province, 2023
SKI**

| Province | DM Based on Doctor Diagnosis | | Weighted N |
|-------------------------|------------------------------|------------------|----------------|
| | % | 95% CI | |
| Aceh | 1.6 | 1.5 - 1.8 | 17,271 |
| North Sumatra | 1.4 | 1.2 - 1.6 | 48,469 |
| West Sumatra | 1.2 | 1.1 - 1.4 | 18,138 |
| Riau | 1.5 | 1.3 - 1.7 | 20,925 |
| Jambi | 0.9 | 0.8 - 1.1 | 11,588 |
| South Sumatra | 1.2 | 1.1 - 1.4 | 27,532 |
| Bengkulu | 1.1 | 0.9 - 1.3 | 6,571 |
| Lampung | 1.2 | 1.0 - 1.4 | 29,331 |
| Bangka Belitung Islands | 2.1 | 1.8 - 2.4 | 4,763 |
| Riau Islands | 1.6 | 1.3 - 2.0 | 6,782 |
| DKI Jakarta | 3.1 | 2.7 - 3.5 | 33,552 |
| West Java | 1.7 | 1.5 - 1.8 | 156,977 |
| Central Java | 1.8 | 1.7 - 1.9 | 118,184 |
| DI Yogyakarta | 2.9 | 2.5 - 3.3 | 11,757 |
| East Java | 2.2 | 2.0 - 2.3 | 130,683 |
| Banten | 1.9 | 1.6 - 2.2 | 38,751 |
| Bali | 1.7 | 1.4 - 1.9 | 13,859 |
| West Nusa Tenggara | 1.3 | 1.1 - 1.5 | 17,522 |
| East Nusa Tenggara | 0.7 | 0.6 - 0.8 | 17,550 |
| West Kalimantan | 1.2 | 1.1 - 1.4 | 17,713 |
| Central Kalimantan | 1.4 | 1.2 - 1.7 | 8,737 |
| South Kalimantan | 1.4 | 1.2 - 1.6 | 13,299 |
| East Kalimantan | 2.3 | 2.1 - 2.7 | 12,360 |
| North Kalimantan | 1.5 | 1.2 - 1.9 | 2,300 |
| North Sulawesi | 2.1 | 1.8 - 2.3 | 8,439 |
| Central Sulawesi | 1.7 | 1.4 - 1.9 | 9,721 |
| South Sulawesi | 1.5 | 1.4 - 1.7 | 29,481 |
| Southeast Sulawesi | 1.2 | 1.0 - 1.3 | 8,664 |
| Gorontalo | 1.7 | 1.5 - 2.1 | 3,821 |
| West Sulawesi | 1.0 | 0.8 - 1.3 | 4,667 |
| Maluku | 0.6 | 0.5 - 0.8 | 6,050 |
| North Maluku | 0.9 | 0.7 - 1.1 | 4,213 |
| West Papua | 1.1 | 0.8 - 1.5 | 1,795 |
| Southwest Papua | 1.0 | 0.7 - 1.4 | 1,947 |
| Papua | 1.2 | 0.9 - 1.6 | 3,299 |
| South Papua | 1.1 | 0.7 - 1.5 | 1,684 |
| Central Papua | 0.7 | 0.5 - 1.1 | 4,577 |
| Highland Papua | 0.2 | 0.1 - 0.5 | 4,563 |
| INDONESIA | 1.7 | 1.6 - 1.7 | 877,531 |

Table 7.9. Prevalence of DM Based on Doctor Diagnosis in All Ages by Characteristic, 2023 SKI

| Characteristic | DM Based on Doctor Diagnosis | | Weighted N |
|--|------------------------------|-----------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| < 1 | 0.0** | 0.0 - 0.0 | 11,518 |
| 1-4 | 0.0** | 0.0 - 0.0 | 59,253 |
| 5-14 | 0.0** | 0.0 - 0.0 | 138,465 |
| 15-24 | 0.0** | 0.0 - 0.1 | 139,891 |
| 25-34 | 0.2 | 0.2 - 0.3 | 140,206 |
| 35-44 | 1.0 | 0.9 - 1.1 | 131,595 |
| 45-54 | 3.5 | 3.4 - 3.7 | 113,367 |
| 55-64 | 6.6 | 6.3 - 6.8 | 81,723 |
| 65-74 | 6.7 | 6.3 - 7.0 | 44,881 |
| 75+ | 4.8 | 4.2 - 5.4 | 16,632 |
| Sex | | | |
| Male | 1.3 | 1.3 - 1.4 | 443,261 |
| Female | 2.0 | 2.0 - 2.1 | 434,270 |
| Education | | | |
| Never attended school | 1.1 | 1.0 - 1.2 | 69,130 |
| Some primary school/Islamic primary school | 1.1 | 1.0 - 1.2 | 115,061 |
| Primary school/Islamic primary school graduate | 2.4 | 2.3 - 2.5 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 1.6 | 1.5 - 1.8 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 1.8 | 1.7 - 1.9 | 216,658 |
| D1/D2/D3/university graduate | 2.9 | 2.7 - 3.1 | 64,050 |
| Occupation | | | |
| Unemployed | 2.9 | 2.8 - 3.1 | 213,116 |
| Student | 0.1 | 0.1 - 0.1 | 117,785 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 4.1 | 3.7 - 4.4 | 20,811 |
| Private employee | 1.4 | 1.3 - 1.6 | 76,283 |
| Self-employed | 2.5 | 2.4 - 2.7 | 102,060 |
| Farmer/farm worker | 1.7 | 1.6 - 1.8 | 107,876 |
| Fisher | 1.1 | 0.8 - 1.4 | 5,358 |
| Labor/driver/domestic help | 1.5 | 1.4 - 1.7 | 54,102 |
| Others | 3.2 | 3.0 - 3.4 | 40,262 |
| Residence | | | |
| Urban | 2.1 | 2.0 - 2.1 | 512,403 |
| Rural | 1.2 | 1.1 - 1.2 | 365,128 |
| Economic Status | | | |
| Lowest | 0.9 | 0.9 - 1.0 | 125,275 |
| Lower middle | 1.3 | 1.2 - 1.4 | 158,606 |
| Middle | 1.4 | 1.3 - 1.5 | 185,555 |
| Upper middle | 1.9 | 1.8 - 2.0 | 204,817 |
| Highest | 2.5 | 2.3 - 2.6 | 203,216 |

**Prevalence < 0.05.

Table 7.10. Prevalence of DM Based on Doctor Diagnosis in Individuals Aged ≥ 15 by Province, 2023 SKI

| Province | DM Based on Doctor Diagnosis | | Weighted N |
|-------------------------|------------------------------|------------------|----------------|
| | % | 95% CI | |
| Aceh | 2.2 | 2.0 - 2.5 | 12,053 |
| North Sumatra | 1.9 | 1.7 - 2.2 | 33,884 |
| West Sumatra | 1.6 | 1.4 - 1.9 | 13,042 |
| Riau | 2.1 | 1.8 - 2.4 | 14,599 |
| Jambi | 1.3 | 1.1 - 1.5 | 8,242 |
| South Sumatra | 1.6 | 1.4 - 1.8 | 19,474 |
| Bengkulu | 1.4 | 1.2 - 1.7 | 4,687 |
| Lampung | 1.6 | 1.3 - 1.8 | 21,021 |
| Bangka Belitung Islands | 2.8 | 2.4 - 3.2 | 3,451 |
| Riau Islands | 2.1 | 1.7 - 2.7 | 4,780 |
| DKI Jakarta | 3.9 | 3.5 - 4.4 | 24,981 |
| West Java | 2.2 | 2.0 - 2.3 | 114,619 |
| Central Java | 2.3 | 2.2 - 2.5 | 88,180 |
| DI Yogyakarta | 3.6 | 3.1 - 4.1 | 8,988 |
| East Java | 2.7 | 2.6 - 2.9 | 98,738 |
| Banten | 2.5 | 2.2 - 2.9 | 27,784 |
| Bali | 2.1 | 1.8 - 2.4 | 10,476 |
| West Nusa Tenggara | 1.8 | 1.5 - 2.1 | 12,186 |
| East Nusa Tenggara | 1.0 | 0.9 - 1.2 | 11,853 |
| West Kalimantan | 1.7 | 1.4 - 1.9 | 12,637 |
| Central Kalimantan | 1.8 | 1.6 - 2.2 | 6,286 |
| South Kalimantan | 1.9 | 1.6 - 2.1 | 9,352 |
| East Kalimantan | 3.1 | 2.7 - 3.5 | 8,929 |
| North Kalimantan | 2.0 | 1.6 - 2.5 | 1,654 |
| North Sulawesi | 2.7 | 2.4 - 3.0 | 6,239 |
| Central Sulawesi | 2.2 | 1.9 - 2.6 | 6,851 |
| South Sulawesi | 2.0 | 1.8 - 2.2 | 21,459 |
| Southeast Sulawesi | 1.6 | 1.4 - 1.8 | 5,977 |
| Gorontalo | 2.3 | 1.9 - 2.8 | 2,762 |
| West Sulawesi | 1.4 | 1.1 - 1.7 | 3,212 |
| Maluku | 0.9 | 0.7 - 1.0 | 4,299 |
| North Maluku | 1.2 | 0.9 - 1.4 | 2,938 |
| West Papua | 1.4 | 1.0 - 2.0 | 1,259 |
| Southwest Papua | 1.3 | 0.9 - 1.9 | 1,387 |
| Papua | 1.8 | 1.4 - 2.4 | 2,114 |
| South Papua | 1.8 | 1.2 - 2.5 | 987 |
| Central Papua | 0.9 | 0.6 - 1.4 | 3,304 |
| Highland Papua | 0.2 | 0.1 - 0.6 | 3,496 |
| INDONESIA | 2.2 | 2.2 - 2.3 | 638,178 |

Table 7.11. Prevalence of DM Based on Doctor Diagnosis in Individuals Aged ≥ 15 by Characteristic, 2023 SKI

| Characteristic | DM Based on Doctor Diagnosis | | Weighted N |
|--|------------------------------|-----------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| 15-24 | 0.0** | 0.0 - 0.1 | 133,587 |
| 25-34 | 0.2 | 0.2 - 0.3 | 133,887 |
| 35-44 | 1.0 | 0.9 - 1.1 | 125,664 |
| 45-54 | 3.5 | 3.4 - 3.7 | 108,259 |
| 55-64 | 6.6 | 6.3 - 6.8 | 78,040 |
| 65-74 | 6.7 | 6.3 - 7.0 | 42,858 |
| 75+ | 4.8 | 4.2 - 5.4 | 15,882 |
| Sex | | | |
| Male | 1.8 | 1.7 - 1.8 | 321,060 |
| Female | 2.7 | 2.6 - 2.8 | 317,118 |
| Education | | | |
| Never attended school | 2.5 | 2.3 - 2.8 | 28,242 |
| Some primary school/Islamic primary school | 2.8 | 2.6 - 3.1 | 41,063 |
| Primary school/Islamic primary school graduate | 2.7 | 2.6 - 2.9 | 164,806 |
| Junior secondary school/Islamic junior secondary school graduate | 1.7 | 1.5 - 1.8 | 136,092 |
| Senior secondary school/Islamic senior secondary school graduate | 1.8 | 1.7 - 1.9 | 206,812 |
| D1/D2/D3/university graduate | 2.9 | 2.7 - 3.1 | 61,163 |
| Occupation | | | |
| Unemployed | 3.1 | 3.0 - 3.3 | 190,053 |
| Student | 0.2 | 0.1 - 0.2 | 60,062 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 4.1 | 3.7 - 4.4 | 19,874 |
| Private employee | 1.4 | 1.3 - 1.6 | 72,773 |
| Self-employed | 2.5 | 2.4 - 2.7 | 97,402 |
| Farmer/farm worker | 1.7 | 1.6 - 1.8 | 102,975 |
| Fisher | 1.1 | 0.8 - 1.4 | 5,107 |
| Labor/driver/domestic help | 1.5 | 1.4 - 1.7 | 51,619 |
| Others | 3.2 | 3 - 3.5 | 38,313 |
| Residence | | | |
| Urban | 2.7 | 2.6 - 2.8 | 374,080 |
| Rural | 1.5 | 1.5 - 1.6 | 264,098 |
| Economic Status | | | |
| Lowest | 1.2 | 1.1 - 1.3 | 93,524 |
| Lower middle | 1.7 | 1.6 - 1.8 | 116,496 |
| Middle | 1.9 | 1.8 - 2.0 | 134,549 |
| Upper middle | 2.6 | 2.4 - 2.7 | 147,605 |
| Highest | 3.3 | 3.1 - 3.4 | 145,956 |

**Prevalence < 0.05.

Table 7.12. Prevalence of DM Based on Blood Glucose Test in Individuals Aged ≥ 15 by Characteristic, 2023 SKI

| Characteristic | DM Based on Blood Glucose Test | | Weighted N |
|--|--------------------------------|--------------------|---------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| 15-24 | 1.8 | 1.3 - 2.6 | 3,838 |
| 25-34 | 5.3 | 4.3 - 6.5 | 3,949 |
| 35-44 | 10.1 | 8.9 - 11.4 | 3,713 |
| 45-54 | 17.4 | 16.1 - 18.8 | 3,363 |
| 55-64 | 22.7 | 20.9 - 24.5 | 2,501 |
| 65-74 | 24.6 | 22.3 - 27.1 | 1,362 |
| 75+ | 24.6 | 20.1 - 29.9 | 434 |
| Sex | | | |
| Male | 9.8 | 8.9 - 10.7 | 8,989 |
| Female | 13.4 | 12.7 - 14.2 | 10,170 |
| Education | | | |
| Never attended school | 19.5 | 16 - 23.5 | 725 |
| Some primary school/Islamic primary school | 17 | 14.6 - 19.7 | 1,336 |
| Primary school/Islamic primary school graduate | 15.2 | 14 - 16.5 | 5,399 |
| Junior secondary school/Islamic junior secondary school graduate | 9.3 | 8.3 - 10.5 | 4,299 |
| Senior secondary school/Islamic senior secondary school graduate | 8.4 | 7.5 - 9.3 | 5,977 |
| D1/D2/D3 graduate | 11.1 | 8.6 - 14.2 | 592 |
| University graduate | 10.7 | 8.5 - 13.4 | 830 |
| Occupation | | | |
| Unemployed | 12.9 | 11.9 - 13.9 | 6,276 |
| Student | 1.7 | 0.9 - 3.0 | 1,539 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 13.9 | 10.6 - 18.1 | 440 |
| Private employee | 7.8 | 5.7 - 10.5 | 1,595 |
| Self-employed | 13.3 | 11.8 - 15.0 | 2,932 |
| Farmer/farm worker | 14 | 12.6 - 15.4 | 3,530 |
| Fisher | 14.2 | 9 - 21.6 | 114 |
| Labor/driver/domestic help | 10.8 | 8.9 - 13 | 1,582 |
| Others | 14 | 11.9 - 16.3 | 1,148 |
| Residence | | | |
| Urban | 12.1 | 11.3 - 12.9 | 11,503 |
| Rural | 11.2 | 10.3 - 12.2 | 7,656 |
| Economic Status | | | |
| Lowest | 11.3 | 10 - 12.8 | 2,836 |
| Lower middle | 11.5 | 10.3 - 12.9 | 3,963 |
| Middle | 11.8 | 10.6 - 13.1 | 4,330 |
| Upper middle | 12.3 | 11.1 - 13.5 | 4,486 |
| Highest | 11.6 | 10.4 - 12.9 | 3,543 |
| INDONESIA | 11.7 | 11.1 - 12.4 | 19,159 |

Table 7.13. Prevalence of Prediabetes Based on Blood Glucose Test in Individuals Aged ≥ 15 by Characteristic, 2023 SKI

| Characteristic | Prevalence of Prediabetes | | | | Weighted N |
|--|---------------------------|--------------------|-------------|--------------------|---------------|
| | IFG | | IGT | | |
| | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | |
| 15-24 | 10.8 | 9.2 - 12.6 | 16.3 | 14.4 - 18.4 | 3,838 |
| 25-34 | 12.5 | 11 - 14.1 | 20 | 18.2 - 21.9 | 3,949 |
| 35-44 | 14.5 | 13.1 - 16 | 20.2 | 18.8 - 21.7 | 3,713 |
| 45-54 | 14.8 | 13.6 - 16.1 | 17.4 | 16 - 18.9 | 3,363 |
| 55-64 | 15.3 | 13.9 - 16.9 | 18.1 | 16.5 - 19.7 | 2,501 |
| 65-74 | 13.8 | 12.1 - 15.8 | 20 | 17.8 - 22.4 | 1,362 |
| 75+ | 14.7 | 11.2 - 19 | 21.1 | 16.9 - 26 | 434 |
| Sex | | | | | |
| Male | 15.7 | 14.6 - 16.9 | 14.5 | 13.4 - 15.7 | 8,989 |
| Female | 11.5 | 10.7 - 12.3 | 22.2 | 21.2 - 23.3 | 10,170 |
| Education | | | | | |
| Never attended school | 14.7 | 11.9 - 18 | 20.3 | 16.9 - 24.1 | 725 |
| Some primary school/Islamic primary school | 15.7 | 12.9 - 18.8 | 20.1 | 17.7 - 22.8 | 1,336 |
| Primary school/Islamic primary school graduate | 15 | 13.7 - 16.4 | 18.6 | 17.3 - 19.9 | 5,399 |
| Junior secondary school/Islamic junior secondary school graduate | 11.8 | 10.5 - 13.3 | 19 | 17.4 - 20.7 | 4,299 |
| Senior secondary school/Islamic senior secondary school graduate | 12.6 | 11.4 - 13.9 | 17.9 | 16.5 - 19.4 | 5,977 |
| D1/D2/D3 graduate | 14.6 | 11.6 - 18.2 | 17.3 | 14.1 - 21 | 592 |
| University graduate | 12.5 | 10 - 15.6 | 18.9 | 15.5 - 23 | 830 |
| Occupation | | | | | |
| Unemployed | 12 | 10.9 - 13.1 | 21.4 | 20.1 - 22.8 | 6,276 |
| Student | 11.7 | 9.3 - 14.7 | 14.8 | 12.4 - 17.6 | 1,539 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 15 | 11.7 - 18.9 | 15.9 | 12.5 - 20.1 | 440 |
| Private employee | 13.6 | 11.2 - 16.6 | 18.3 | 15.4 - 21.6 | 1,595 |
| Self-employed | 12.9 | 11.3 - 14.8 | 16.7 | 14.9 - 18.7 | 2,932 |
| Farmer/farm worker | 17 | 15.4 - 18.7 | 18 | 16.6 - 19.6 | 3,530 |
| Fisher | 19.2 | 12.2 - 28.8 | 17.3 | 10.1 - 27.9 | 114 |
| Labor/driver/domestic help | 13.6 | 11.3 - 16.2 | 16.9 | 14.2 - 20 | 1,582 |
| Others | 12.8 | 10.8 - 15.1 | 19.1 | 16.5 - 21.9 | 1,148 |
| Residence | | | | | |
| Urban | 13.6 | 12.6 - 14.6 | 18.4 | 17.3 - 19.6 | 11,503 |
| Rural | 13.3 | 12.2 - 14.4 | 18.9 | 17.8 - 20 | 7,656 |
| Economic Status | | | | | |
| Lowest | 14.9 | 13.3 - 16.6 | 18.2 | 16.5 - 20 | 2,836 |
| Lower middle | 13.7 | 12.3 - 15.3 | 19.2 | 17.6 - 20.9 | 3,963 |
| Middle | 14.3 | 12.8 - 15.8 | 18.8 | 17.3 - 20.4 | 4,330 |
| Upper middle | 11.9 | 10.5 - 13.4 | 19.5 | 17.8 - 21.2 | 4,486 |
| Highest | 13 | 11.3 - 14.8 | 16.9 | 15.1 - 18.8 | 3,543 |
| INDONESIA | 13.4 | 12.7 - 14.2 | 18.6 | 17.8 - 19.4 | 19,159 |

Table 7.14. Proportion of Types of DM in All Ages Based on Doctor Diagnosis by Province, 2023 SKI

| Province | Type of DM (%) | | | | Weighted N |
|-------------------------|----------------|-------------|----------------|-------------|---------------|
| | Type 1 | Type 2 | Gestational DM | Unknown | |
| Aceh | 19,9 | 54,8 | 1,7 | 23,6 | 285 |
| North Sumatra | 17,6 | 59,6 | 4,5 | 18,3 | 684 |
| West Sumatra | 22,9 | 58,5 | 0,9 | 17,7 | 226 |
| Riau | 25,5 | 53,3 | 0,6 | 20,6 | 318 |
| Jambi | 24,1 | 55,7 | 2,4 | 17,8 | 109 |
| South Sumatra | 27,2 | 44,3 | 0,3 | 28,2 | 333 |
| Bengkulu | 14,4 | 49,1 | 11,3 | 25,2 | 70 |
| Lampung | 23,8 | 44,4 | 0,9 | 30,9 | 349 |
| Bangka Belitung Islands | 12,0 | 63,4 | 0,5 | 24,1 | 102 |
| Riau Islands | 26,8 | 50,4 | 0,0 | 22,7 | 110 |
| DKI Jakarta | 18,1 | 47,9 | 5,6 | 28,4 | 1,034 |
| West Java | 15,3 | 50,0 | 2,3 | 32,5 | 2,607 |
| Central Java | 14,2 | 47,4 | 3,2 | 35,2 | 2,146 |
| DI Yogyakarta | 15,7 | 50,6 | 5,2 | 28,6 | 337 |
| East Java | 11,2 | 51,6 | 2,2 | 35,0 | 2,831 |
| Banten | 14,6 | 51,9 | 2,0 | 31,5 | 735 |
| Bali | 11,8 | 52,0 | 0,0 | 36,2 | 231 |
| West Nusa Tenggara | 27,7 | 57,2 | 2,3 | 12,8 | 232 |
| East Nusa Tenggara | 19,0 | 45,9 | 3,7 | 31,4 | 125 |
| West Kalimantan | 17,9 | 65,1 | 0,9 | 16,0 | 220 |
| Central Kalimantan | 24,5 | 56,4 | 0,3 | 18,8 | 123 |
| South Kalimantan | 24,0 | 52,6 | 4,5 | 19,0 | 182 |
| East Kalimantan | 15,2 | 50,4 | 1,8 | 32,6 | 291 |
| North Kalimantan | 23,7 | 49,4 | 0,6 | 26,3 | 34* |
| North Sulawesi | 31,9 | 42,4 | 1,9 | 23,8 | 175 |
| Central Sulawesi | 28,4 | 40,1 | 2,2 | 29,4 | 161 |
| South Sulawesi | 22,7 | 44,4 | 0,5 | 32,4 | 455 |
| Southeast Sulawesi | 27,9 | 40,7 | 1,5 | 29,8 | 100 |
| Gorontalo | 21,4 | 46,1 | 7,5 | 25,0 | 67 |
| West Sulawesi | 35,3 | 23,9 | 5,6 | 35,2 | 47* |
| Maluku | 20,9 | 44,7 | 16,7 | 17,7 | 39* |
| North Maluku | 27,0 | 26,1 | 2,0 | 45,0 | 36* |
| West Papua | 35,3 | 31,3 | 3,0 | 30,4 | 19* |
| Southwest Papua | 25,6 | 25,3 | 3,4 | 45,7 | 20* |
| Papua | 20,0 | 45,3 | 2,1 | 32,5 | 41* |
| South Papua | 18,4 | 43,1 | 0,0 | 38,5 | 18* |
| Central Papua | 20,9 | 33,0 | 3,0 | 43,1 | 33* |
| Highland Papua | 20,0 | 28,1 | 0,0 | 51,9 | 8* |
| INDONESIA | 16,9 | 50,2 | 2,6 | 30,3 | 14,935 |

*Weighted N < 50.

Table 7.15. Proportion of Types of DM in All Ages Based on Doctor Diagnosis by Characteristic, 2023 SKI

| Characteristic | Type of DM (%) | | | | Weighted N |
|--|----------------|--------|----------------|---------|------------|
| | Type 1 | Type 2 | Gestational DM | Unknown | |
| Age Range (Year) | | | | | |
| < 1 | 0 | 0 | N/A | 0 | 0* |
| 1-4 | 0.0 | 0.0 | N/A | 100 | 2* |
| 5-14 | 55.7 | 0.0 | 0.0 | 44.3 | 13* |
| 15-24 | 29.3 | 28.2 | 4.3 | 38.2 | 58 |
| 25-34 | 14.9 | 43.3 | 3.8 | 38.0 | 309 |
| 35-44 | 19.9 | 46.6 | 3.0 | 30.5 | 1,344 |
| 45-54 | 17.6 | 48.5 | 2.7 | 31.1 | 4,024 |
| 55-64 | 16.6 | 51.8 | 2.1 | 29.5 | 5,385 |
| 65-74 | 15.6 | 52.5 | 3.0 | 28.9 | 3,002 |
| 75+ | 14.0 | 50.8 | 2.6 | 32.7 | 799 |
| Sex | | | | | |
| Male | 16.6 | 51.7 | N/A | 31.8 | 6,005 |
| Female | 17.1 | 49.2 | 4.3 | 29.3 | 8,930 |
| Education | | | | | |
| Never attended school | 17.0 | 46.3 | 2.7 | 34.1 | 758 |
| Some primary school/Islamic primary school | 19.4 | 45.0 | 2.9 | 32.7 | 1,231 |
| Primary school/Islamic primary school graduate | 15.4 | 46.1 | 3.5 | 35.0 | 4,743 |
| Junior secondary school/Islamic junior secondary school graduate | 16.9 | 49.7 | 2.5 | 31.0 | 2,376 |
| Senior secondary school/Islamic senior secondary school graduate | 17.0 | 54.9 | 2.1 | 26.1 | 3,947 |
| D1/D2/D3/university graduate | 18.9 | 56.4 | 1.2 | 23.5 | 1,879 |
| Occupation | | | | | |
| Unemployed | 15.6 | 50.8 | 3.7 | 29.9 | 6,292 |
| Student | 18.3 | 50.0 | 3.9 | 27.8 | 107 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 18.9 | 59.7 | 1.1 | 20.2 | 853 |
| Private employee | 15.5 | 54.0 | 1.2 | 29.3 | 1,105 |
| Self-employed | 16.1 | 48.4 | 1.6 | 33.9 | 2,566 |
| Farmer/farm worker | 19.6 | 45.3 | 2.1 | 33.0 | 1,824 |
| Fisher | 15.6 | 48.9 | 0.0 | 35.4 | 58 |
| Labor/driver/domestic help | 17.3 | 46.9 | 2.9 | 32.8 | 831 |
| Others | 20.3 | 50.6 | 1.8 | 27.2 | 1,294 |
| Residence | | | | | |
| Urban | 16.1 | 52.2 | 2.5 | 29.2 | 10,700 |
| Rural | 19.0 | 45.0 | 2.9 | 33.1 | 4,235 |
| Economic Status | | | | | |
| Lowest | 15.3 | 45.9 | 3.6 | 35.2 | 1,187 |
| Lower middle | 15.6 | 44.9 | 3.5 | 35.9 | 2,067 |
| Middle | 18.0 | 48.3 | 1.7 | 32.1 | 2,647 |
| Upper middle | 16.6 | 48.9 | 3.1 | 31.4 | 4,006 |
| Highest | 17.5 | 55.4 | 2.0 | 25.1 | 5,029 |

*Weighted N < 50.

Tabel 7.16. Proportion of DM Treatment Types in All Ages with DM Based on Doctor Diagnosis by Province, 2023 SKI

| Province | Type of DM Treatment (%) | | | | | Weighted N |
|-------------------------|---|-------------------------------------|----------------------|--|--|---------------|
| | Anti-DM Medication Medical Personnel | Anti-DM Medication Self-Purchase | Insulin Injection | Combination of Anti-DM Medication + Injection | Not Needing DM Medication Yet | |
| Aceh | 49.2 | 24.0 | 4.8 | 11.2 | 7.1 | 285 |
| North Sumatra | 54.0 | 25.3 | 2.7 | 9.3 | 6.5 | 684 |
| West Sumatra | 60.6 | 9.5 | 6.3 | 12.8 | 7.6 | 226 |
| Riau | 59.3 | 17.1 | 2.0 | 10.1 | 7.1 | 318 |
| Jambi | 60.5 | 15.8 | 4.7 | 13.0 | 3.2 | 109 |
| South Sumatra | 56.1 | 16.2 | 6.1 | 10.8 | 7.3 | 333 |
| Bengkulu | 62.7 | 18.1 | 1.9 | 8.3 | 7.7 | 70 |
| Lampung | 64.2 | 15.3 | 2.1 | 7.3 | 7.1 | 349 |
| Bangka Belitung Islands | 63.0 | 18.4 | 4.9 | 7.3 | 3.2 | 102 |
| Riau Islands | 58.4 | 15.0 | 4.0 | 15.2 | 6.8 | 110 |
| DKI Jakarta | 62.6 | 16.0 | 3.9 | 8.5 | 6.8 | 1,034 |
| West Java | 54.1 | 24.6 | 2.4 | 11.9 | 4.2 | 2,607 |
| Central Java | 59.3 | 17.6 | 2.9 | 12.3 | 4.9 | 2,146 |
| DI Yogyakarta | 62.9 | 12.0 | 8.5 | 9.6 | 3.2 | 337 |
| East Java | 55.7 | 20.5 | 2.7 | 15.1 | 3.3 | 2,831 |
| Banten | 61.7 | 20.6 | 2.4 | 11.6 | 2.2 | 735 |
| Bali | 62.0 | 7.8 | 12.8 | 13.7 | 1.9 | 231 |
| West Nusa Tenggara | 58.8 | 18.3 | 6.8 | 12.7 | 2.4 | 232 |
| East Nusa Tenggara | 54.4 | 17.8 | 2.1 | 13.7 | 9.7 | 125 |
| West Kalimantan | 53.7 | 17.7 | 2.2 | 15.2 | 6.9 | 220 |
| Central Kalimantan | 54.4 | 19.0 | 6.3 | 11.2 | 5.8 | 123 |
| South Kalimantan | 58.3 | 15.3 | 5.0 | 11.8 | 6.9 | 182 |
| East Kalimantan | 56.6 | 17.2 | 6.3 | 8.0 | 6.9 | 291 |
| North Kalimantan | 60.9 | 11.0 | 12.5 | 7.2 | 8.2 | 34* |
| North Sulawesi | 56.9 | 17.2 | 8.0 | 10.8 | 4.0 | 175 |
| Central Sulawesi | 56.2 | 13.7 | 5.3 | 11.0 | 8.8 | 161 |
| South Sulawesi | 55.5 | 16.6 | 5.0 | 10.0 | 8.9 | 455 |
| Southeast Sulawesi | 57.8 | 21.5 | 4.8 | 4.9 | 7.6 | 100 |
| Gorontalo | 60.1 | 18.8 | 2.4 | 13.8 | 3.9 | 67 |
| West Sulawesi | 64.1 | 11.1 | 2.8 | 6.0 | 12.5 | 47* |
| Maluku | 63.1 | 10.7 | 7.9 | 7.7 | 8.1 | 39* |
| North Maluku | 55.0 | 9.6 | 6.7 | 14.2 | 7.5 | 36* |
| West Papua | 65.3 | 14.9 | 1.5 | 9.1 | 4.2 | 19* |
| Southwest Papua | 52.8 | 22.1 | 6.2 | 14.4 | 3.4 | 20* |
| Papua | 63.0 | 16.5 | 1.3 | 5.5 | 6.4 | 41* |
| South Papua | 60.6 | 8.1 | 0.0 | 18.7 | 0.0 | 18* |
| Central Papua | 50.2 | 9.1 | 5.3 | 16.1 | 7.1 | 33* |
| Highland Papua | 12.1 | 0.0 | 0.0 | 15.6 | 30.3 | 8* |
| INDONESIA | 57.4 | 19.2 | 3.6 | 11.8 | 5.0 | 14,935 |

*Weighted N < 50.

Table 7.17. Proportion of DM Treatment Types in All Ages with DM Based on Doctor Diagnosis by Characteristic, 2023 SKI

| Characteristic | Type of DM Treatment (%) | | | | | Weighted N | |
|--|--------------------------|---------------|-------------------|---|-------------------------------|------------|--|
| | Anti-DM Medication | | Insulin Injection | Combination of Anti-DM Medication + Injection | Not Needing DM Medication Yet | | |
| | Medical Personnel | Self-Purchase | | | | | |
| Age Range (Year) | | | | | | | |
| < 1 | 0 | 0 | 0 | 0 | 0 | 0* | |
| 1-4 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 2* | |
| 5-14 | 12.8 | 7.5 | 25.2 | 2.1 | 50.0 | 13* | |
| 15-24 | 47.5 | 10.5 | 10.2 | 18.4 | 9.2 | 58 | |
| 25-34 | 45.0 | 11.8 | 9.6 | 14.3 | 15.6 | 309 | |
| 35-44 | 55.2 | 19.6 | 3.3 | 10.1 | 8.2 | 1,344 | |
| 45-54 | 55.1 | 21.4 | 3.5 | 11.8 | 5.1 | 4,024 | |
| 55-64 | 58.6 | 19.2 | 3.2 | 12.5 | 3.9 | 5,385 | |
| 65-74 | 60.5 | 17.8 | 3.9 | 11.2 | 4.1 | 3,002 | |
| 75+ | 59.3 | 16.8 | 3.1 | 11.3 | 5.5 | 798 | |
| Sex | | | | | | | |
| Male | 53.8 | 20.0 | 3.8 | 13.4 | 5.3 | 6,005 | |
| Female | 59.9 | 18.6 | 3.5 | 10.7 | 4.9 | 8,930 | |
| Education | | | | | | | |
| Never attended school | 58.3 | 22.9 | 6.0 | 9.5 | 94.0 | 758 | |
| Some primary school/Islamic primary school | 60.0 | 18.0 | 3.0 | 11.5 | 5.5 | 1,231 | |
| Primary school/Islamic primary school graduate | 59.3 | 20.4 | 2.2 | 11.1 | 4.8 | 4,743 | |
| Junior secondary school/Islamic junior secondary school graduate | 59.5 | 18.0 | 2.6 | 12.2 | 3.8 | 2,376 | |
| Senior secondary school/Islamic senior secondary school graduate | 55.7 | 19.2 | 3.1 | 10.6 | 4.5 | 3,947 | |
| D1/D2/D3/university graduate | 51.7 | 16.9 | 4.7 | 17.0 | 6.2 | 1,880 | |
| Occupation | | | | | | | |
| Unemployed | 15.1 | 18.9 | 38.8 | 12.6 | 40.5 | 6,292 | |
| Student | 58.4 | 14.5 | 3.3 | 5.6 | 4.6 | 107 | |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 52.8 | 17.1 | 8.4 | 16.1 | 15.5 | 853 | |
| Private employee | 52.3 | 20.2 | 6.9 | 13.7 | 5.5 | 1,105 | |
| Self-employed | 52.4 | 20.6 | 4.1 | 10.5 | 6.2 | 2,566 | |
| Farmer/farm worker | 55.7 | 19.0 | 3.6 | 9.6 | 5.5 | 1,824 | |
| Fisher | 61.1 | 20.6 | 2.2 | 7.2 | 5.2 | 58 | |
| Labor/driver/domestic help | 60.9 | 20.7 | 5.4 | 10.5 | 4.6 | 831 | |
| Others | 58.4 | 18.1 | 3.4 | 10.8 | 3.8 | 1,294 | |
| Residence | | | | | | | |
| Urban | 57.0 | 19.0 | 4.0 | 12.4 | 4.8 | 10,700 | |
| Rural | 58.5 | 19.7 | 2.6 | 10.4 | 5.6 | 4,235 | |
| Economic Status | | | | | | | |
| Lowest | 65.6 | 15.3 | 1.5 | 8.1 | 5.8 | 1,187 | |
| Lower middle | 59.6 | 17.7 | 2.1 | 11.8 | 4.9 | 2,067 | |
| Middle | 59.0 | 19.5 | 2.8 | 11.6 | 4.5 | 2,647 | |
| Upper middle | 58.0 | 19.6 | 3.0 | 11.3 | 5.2 | 4,006 | |
| Highest | 53.3 | 20.3 | 5.6 | 13.3 | 5.0 | 5,029 | |

*Weighted N < 50.

Table 7.18. Proportion of Receiving Treatment Education and Adherence to DM Treatment in the Population of All Ages Receiving DM Treatment by Province, 2023 SKI

| Province | Receiving DM Treatment Education | | Adherence to DM Treatment | | Weighted N |
|-------------------------|----------------------------------|--------------------|---------------------------|--------------------|---------------|
| | % | 95% CI | % | 95% CI | |
| Aceh | 76.3 | 71.6 - 80.4 | 87.4 | 84.2 - 90.0 | 261 |
| North Sumatra | 76.8 | 71.6 - 81.4 | 88.8 | 84.9 - 91.8 | 640 |
| West Sumatra | 89.5 | 85 - 92.7 | 88.7 | 84.3 - 91.9 | 205 |
| Riau | 83.8 | 78.2 - 88.2 | 90.8 | 86.1 - 94.0 | 286 |
| Jambi | 91.0 | 85.5 - 94.5 | 92.1 | 87.3 - 95.2 | 103 |
| South Sumatra | 83.6 | 78 - 88 | 89.9 | 85.6 - 93.1 | 303 |
| Bengkulu | 87.9 | 81.5 - 92.3 | 92.8 | 87.7 - 95.9 | 64 |
| Lampung | 74.8 | 66.6 - 81.6 | 88.8 | 83.2 - 92.7 | 317 |
| Bangka Belitung Islands | 83.2 | 77.4 - 87.6 | 89.4 | 84.9 - 92.7 | 96 |
| Riau Islands | 63.5 | 50.8 - 74.7 | 94.0 | 86.2 - 97.5 | 106 |
| DKI Jakarta | 91.6 | 87.6 - 94.4 | 90.8 | 85.8 - 94.1 | 953 |
| West Java | 80.7 | 77.1 - 83.9 | 90.3 | 87.7 - 92.4 | 2,439 |
| Central Java | 78.4 | 75.6 - 80.9 | 86.8 | 84.4 - 88.8 | 2,002 |
| DI Yogyakarta | 80.8 | 74.4 - 85.8 | 88.0 | 83.4 - 91.5 | 315 |
| East Java | 80.1 | 77.5 - 82.5 | 88.5 | 86.3 - 90.5 | 2,669 |
| Banten | 90.9 | 86.1 - 94.2 | 93.7 | 89.9 - 96.1 | 714 |
| Bali | 92.7 | 88.4 - 95.5 | 94.2 | 90.2 - 96.6 | 222 |
| West Nusa Tenggara | 72.6 | 66.2 - 78.1 | 91.4 | 86.0 - 94.9 | 225 |
| East Nusa Tenggara | 74.7 | 67.9 - 80.6 | 90.5 | 85.1 - 94.1 | 114 |
| West Kalimantan | 85.3 | 78.9 - 89.9 | 93.7 | 90.1 - 96.1 | 197 |
| Central Kalimantan | 82.7 | 74.2 - 88.8 | 88.7 | 81.6 - 93.4 | 112 |
| South Kalimantan | 81.3 | 75.7 - 85.9 | 87.0 | 81.7 - 90.9 | 165 |
| East Kalimantan | 80.5 | 74.4 - 85.4 | 87.0 | 81.8 - 90.9 | 259 |
| North Kalimantan | 87.7 | 77.7 - 93.6 | 90.7 | 80.3 - 95.9 | 33* |
| North Sulawesi | 81.2 | 75.4 - 85.9 | 92.3 | 88.8 - 94.7 | 165 |
| Central Sulawesi | 77.9 | 71.6 - 83.1 | 91.5 | 87.8 - 94.1 | 141 |
| South Sulawesi | 81.9 | 77.6 - 85.6 | 90.7 | 87.0 - 93.5 | 402 |
| Southeast Sulawesi | 67.6 | 60.1 - 74.3 | 91.8 | 87.7 - 94.7 | 90 |
| Gorontalo | 81.5 | 74.1 - 87.2 | 94.8 | 90.3 - 97.3 | 65 |
| West Sulawesi | 79.9 | 68.9 - 87.8 | 95.7 | 90.9 - 98.0 | 42* |
| Maluku | 70.2 | 58.5 - 79.7 | 86.3 | 77.0 - 92.2 | 35* |
| North Maluku | 81.2 | 72.3 - 87.8 | 93.9 | 87.8 - 97.1 | 31* |
| West Papua | 82.6 | 60.3 - 93.7 | 90.1 | 80.3 - 95.3 | 18* |
| Southwest Papua | 92.0 | 79 - 97.2 | 88.4 | 66.6 - 96.7 | 19* |
| Papua | 82.3 | 71.9 - 89.4 | 84.1 | 73.3 - 91.0 | 38* |
| South Papua | 76.1 | 57.5 - 88.2 | 87.6 | 72.1 - 95.1 | 16* |
| Central Papua | 86.5 | 61.1 - 96.3 | 82.5 | 62.0 - 93.2 | 27* |
| Highland Papua | 100.0 | 100 - 100 | 92.6 | 90.7 - 94.1 | 3* |
| INDONESIA | 81.4 | 80.4 - 82.4 | 89.5 | 88.7 - 90.3 | 13,891 |

*Weighted N < 50.

Table 7.19. Proportion of Receiving Treatment Education and Adherence to DM Treatment in the Population of All Ages Receiving DM Treatment by Characteristic, 2023 SKI

| Characteristic | Receiving DM Treatment Education | | Weighted N | Adherence to DM Treatment | | Weighted N |
|--|----------------------------------|---------------|------------|---------------------------|---------------|------------|
| | % | 95% CI | | % | 95% CI | |
| Age Range (Year) | | | | | | |
| < 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1-4 | 100.0 | 100.0 - 100.0 | 2* | 100.0 | 100.0 - 100.0 | 6* |
| 5-14 | 74.0 | 35.2 - 93.7 | 13* | 84.3 | 39.4 - 97.8 | 50 |
| 15-24 | 67.6 | 38.3 - 87.5 | 58 | 88.1 | 63.0 - 97.0 | 251 |
| 25-34 | 79.4 | 70.7 - 86.1 | 309 | 92.9 | 88.3 - 95.8 | 1,209 |
| 35-44 | 78.5 | 74.9 - 81.6 | 1,344 | 89.3 | 86.6 - 91.6 | 3,729 |
| 45-54 | 80.7 | 78.6 - 82.6 | 4,024 | 87.8 | 86.1 - 89.3 | 5,081 |
| 55-64 | 82.6 | 80.9 - 84.1 | 5,385 | 90.5 | 89.2 - 91.7 | 2,827 |
| 65-74 | 81.5 | 79.0 - 83.8 | 3,002 | 89.9 | 87.8 - 91.7 | 737 |
| 75+ | 83.2 | 78.4 - 87.2 | 798 | 89.9 | 85.0 - 93.3 | 6* |
| Sex | | | | | | |
| Male | 79.6 | 77.8 - 81.3 | 6,005 | 88.8 | 87.4 - 90.1 | 5,530 |
| Female | 82.7 | 81.4 - 83.8 | 8,930 | 90.0 | 89.0 - 91.0 | 8,361 |
| Education | | | | | | |
| Never attended school | 79.1 | 74.1 - 83.4 | 758 | 87.6 | 82.8 - 91.2 | 711 |
| Some primary school/Islamic primary school | 80.3 | 76.7 - 83.6 | 1,230 | 87.2 | 83.6 - 90.1 | 1,148 |
| Primary school/Islamic primary school graduate | 78.0 | 75.9 - 80.0 | 4,743 | 89.4 | 87.9 - 90.7 | 4,462 |
| Junior secondary school/Islamic junior secondary school graduate | 80.8 | 78.0 - 83.3 | 2,376 | 89.9 | 87.7 - 91.8 | 2,228 |
| Senior secondary school/Islamic senior secondary school graduate | 83.9 | 81.9 - 85.7 | 3,947 | 89.0 | 87.3 - 90.5 | 3,601 |
| D1/D2/D3/university graduate | 87.6 | 85.3 - 89.6 | 1,879 | 93.0 | 91.1 - 94.5 | 1,741 |
| Occupation | | | | | | |
| Unemployed | 81.9 | 80.3 - 83.4 | 6,292 | 90.5 | 100.0 - 100.0 | 5,917 |
| Student | 89.2 | 77.6 - 95.2 | 107 | 89.4 | 89.2 - 91.6 | 87 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 84.6 | 81.1 - 87.5 | 853 | 91.1 | 77.7 - 95.4 | 800 |
| Private employee | 87.6 | 84.2 - 90.4 | 1,105 | 90.3 | 88.2 - 93.4 | 1,004 |
| Self-employed | 78.9 | 76.2 - 81.3 | 2,566 | 87.1 | 87.2 - 92.8 | 2,342 |
| Farmer/farm worker | 77.7 | 74.5 - 80.5 | 1,824 | 89.3 | 84.8 - 89.1 | 1,703 |
| Fisher | 80.7 | 69.9 - 88.3 | 58 | 85.2 | 87.1 - 91.2 | 56 |
| Labor/driver/domestic help | 78.1 | 72.0 - 83.1 | 831 | 84.5 | 74.7 - 91.9 | 782 |
| Others | 83.8 | 80.4 - 86.7 | 1,294 | 91.9 | 79.5 - 88.5 | 1,198 |
| Residence | | | | | | |
| Urban | 82.9 | 81.7 - 84.1 | 10,700 | 89.6 | 88.6 - 90.6 | 9,964 |
| Rural | 77.6 | 75.6 - 79.5 | 4,235 | 89.3 | 87.8 - 90.7 | 3,927 |
| Economic Status | | | | | | |
| Lowest | 77.2 | 73.6 - 80.4 | 1,186 | 87.1 | 84.0 - 89.7 | 1,085 |
| Lower middle | 77.0 | 74.0 - 79.7 | 2,067 | 87.5 | 85.2 - 89.4 | 1,911 |
| Middle | 78.5 | 75.9 - 80.9 | 2,647 | 88.6 | 86.5 - 90.4 | 2,479 |
| Upper middle | 80.9 | 78.8 - 82.9 | 4,006 | 89.8 | 88.0 - 91.3 | 3,715 |
| Highest | 86.2 | 84.5 - 87.7 | 5,028 | 91.3 | 89.9 - 92.6 | 4,701 |

*Weighted N < 50.

Table 7.20. Proportion of Main Reasons for Non-Adherence to DM Treatment in the Population of All Ages with DM Based on Doctor Diagnosis by Characteristic, 2023 SKI

| Characteristic | Main Reason for Non-Adherence to DM Treatment (%) | | | | | | Weighted N |
|--|---|-------------------|------------------------------|-------------------------------|---------------------|------------|--------------|
| | Feeling Healthy | Drugs Unavailable | Cannot Tolerate Side Effects | Taking Traditional Medication | Reluctant/Forgetful | Others | |
| Age Range (Year) | | | | | | | |
| < 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0* |
| 1-4 | 0 | 0 | 0 | 0 | 0 | 0 | 0* |
| 5-14 | 0.0 | 0.0 | 0.0 | 100.0 | 0.0 | 0.0 | 1* |
| 15-24 | 71.4 | 12.0 | 8.5 | 0.0 | 0.0 | 8.2 | 7* |
| 25-34 | 64.2 | 0.0 | 3.3 | 18.8 | 11.2 | 2.5 | 28 |
| 35-44 | 41.2 | 0.7 | 14.6 | 21.7 | 13.2 | 8.6 | 159 |
| 45-54 | 47.7 | 2.6 | 6.1 | 23.0 | 16.8 | 3.8 | 557 |
| 55-64 | 45.2 | 1.7 | 4.8 | 23.1 | 19.5 | 5.7 | 589 |
| 65-74 | 39.9 | 2.4 | 12.0 | 16.7 | 20.0 | 9.0 | 340 |
| 75+ | 39.0 | 3.4 | 0.9 | 15.8 | 38.9 | 1.9 | 98 |
| Sex | | | | | | | |
| Male | 42.8 | 2.2 | 5.8 | 24.5 | 20.2 | 4.4 | 795 |
| Female | 46.1 | 2.0 | 8.3 | 18.5 | 18.1 | 6.9 | 984 |
| Education | | | | | | | |
| Never attended school | 42.0 | 7.4 | 3.1 | 14.0 | 22.3 | 11.2 | 94 |
| Some primary school/Islamic primary school | 42.1 | 3.4 | 3.6 | 12.1 | 27.9 | 10.9 | 182 |
| Primary school/Islamic primary school graduate | 47.9 | 1.6 | 7.6 | 18.9 | 19.1 | 5.0 | 575 |
| Junior secondary school/Islamic junior secondary school graduate | 44.7 | 1.2 | 8.9 | 22.1 | 16.9 | 6.3 | 270 |
| Senior secondary school/Islamic senior secondary school graduate | 40.8 | 2.3 | 9.1 | 24.9 | 18.6 | 4.2 | 501 |
| D1/D2/D3/university graduate | 49.7 | 0.7 | 3.5 | 31.3 | 11.7 | 3.2 | 157 |
| Occupation | | | | | | | |
| Unemployed | 42.6 | 1.3 | 10.7 | 20.0 | 18.5 | 6.9 | 657 |
| Student | 29.1 | 30.8 | 0.0 | 12.8 | 27.2 | 0.0 | 11* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 34.7 | 1.8 | 6.5 | 33.8 | 23.2 | 0.0 | 84 |
| Private employee | 52.3 | 0.0 | 3.1 | 18.0 | 17.2 | 9.4 | 122 |
| Self-employed | 45.0 | 3.3 | 3.9 | 24.4 | 17.9 | 5.6 | 393 |
| Farmer/farm worker | 48.7 | 3.9 | 5.8 | 20.4 | 18.1 | 3.0 | 220 |
| Fisher | 63.0 | 0.0 | 4.5 | 22.0 | 10.5 | — | 9* |
| Labor/driver/domestic help | 46.7 | 0.9 | 9.2 | 12.5 | 26.3 | 4.5 | 142 |
| Others | 44.5 | 1.4 | 5.3 | 23.6 | 17.9 | 7.4 | 141 |
| Residence | | | | | | | |
| Urban | 43.7 | 1.5 | 7.7 | 20.8 | 19.9 | 6.4 | 1256 |
| Rural | 46.9 | 3.6 | 6.2 | 22.2 | 17.0 | 4.2 | 523 |
| Economic Status | | | | | | | |
| Lowest | 35.4 | 10.1 | 3.5 | 22.5 | 22.2 | 6.3 | 175 |
| Lower middle | 47.4 | 0.7 | 4.9 | 19.4 | 20.7 | 6.7 | 304 |
| Middle | 49.7 | 1.6 | 7.1 | 15.3 | 15.6 | 10.7 | 326 |
| Upper middle | 45.8 | 0.5 | 10.0 | 17.3 | 22.2 | 4.2 | 468 |
| Highest | 41.8 | 2.0 | 7.4 | 29.3 | 16.3 | 3.2 | 505 |
| INDONESIA | 44.7 | 2.1 | 7.2 | 21.2 | 19.0 | 5.7 | 1,779 |

*Weighted N < 50.

Table 7.21. Proportion of DM Control Types in the Population of All Ages with DM Based on Doctor Diagnosis by Province, 2023 SKI

| Province | Types of DM Control (%) | | | Weighted N |
|-------------------------|-------------------------|-------------|---------------------|---------------|
| | Diet Management | Exercise | Herbal Alternatives | |
| Aceh | 83.9 | 34.3 | 36.8 | 285 |
| North Sumatra | 85.9 | 44.9 | 32.5 | 684 |
| West Sumatra | 84.5 | 45.3 | 44.0 | 226 |
| Riau | 82.0 | 42.3 | 39.9 | 318 |
| Jambi | 87.9 | 42.9 | 39.2 | 109 |
| South Sumatra | 87.1 | 31.0 | 37.7 | 333 |
| Bengkulu | 90.1 | 41.1 | 40.0 | 70 |
| Lampung | 88.8 | 33.1 | 28.2 | 349 |
| Bangka Belitung Islands | 81.1 | 27.8 | 39.1 | 102 |
| Riau Islands | 91.0 | 48.2 | 34.6 | 110 |
| DKI Jakarta | 83.6 | 48.9 | 23.0 | 1,034 |
| West Java | 73.4 | 43.5 | 29.6 | 2,607 |
| Central Java | 82.4 | 40.1 | 21.5 | 2,146 |
| DI Yogyakarta | 83.0 | 40.4 | 20.4 | 337 |
| East Java | 80.1 | 40.4 | 25.1 | 2,831 |
| Banten | 83.0 | 53.6 | 29.7 | 735 |
| Bali | 90.2 | 47.4 | 21.5 | 231 |
| West Nusa Tenggara | 87.3 | 43.5 | 39.9 | 232 |
| East Nusa Tenggara | 87.4 | 41.6 | 36.6 | 125 |
| West Kalimantan | 74.4 | 29.5 | 35.0 | 220 |
| Central Kalimantan | 85.4 | 35.5 | 44.4 | 123 |
| South Kalimantan | 83.0 | 31.3 | 32.5 | 182 |
| East Kalimantan | 76.7 | 45.6 | 37.1 | 291 |
| North Kalimantan | 89.3 | 46.6 | 36.2 | 34* |
| North Sulawesi | 90.4 | 35.4 | 26.5 | 175 |
| Central Sulawesi | 81.4 | 37.6 | 35.4 | 161 |
| South Sulawesi | 82.7 | 35.2 | 37.2 | 455 |
| Southeast Sulawesi | 87.3 | 33.3 | 44.2 | 100 |
| Gorontalo | 82.7 | 39.5 | 41.1 | 67 |
| West Sulawesi | 83.0 | 32.9 | 48.4 | 47* |
| Maluku | 85.1 | 31.4 | 37.4 | 39* |
| North Maluku | 90.7 | 40.0 | 43.9 | 36* |
| West Papua | 80.6 | 44.3 | 45.0 | 19* |
| Southwest Papua | 91.8 | 43.2 | 56.8 | 20* |
| Papua | 88.3 | 59.7 | 51.2 | 41* |
| South Papua | 94.7 | 57.1 | 32.6 | 18* |
| Central Papua | 86.7 | 55.0 | 62.0 | 33* |
| Highland Papua | 82.2 | 24.2 | 27.7 | 8* |
| INDONESIA | 81.4 | 41.7 | 29.2 | 14,935 |

*Weighted N < 50.

Table 7.22. Proportion of DM Control Types in the Population of All Ages with DM Based on Doctor Diagnosis by Characteristic, 2023 SKI

| Characteristic | Types of DM Control (%) | | | Weighted N |
|--|-------------------------|----------|---------------------|------------|
| | Diet Management | Exercise | Herbal Alternatives | |
| Age Range (Year) | | | | |
| < 1 | 0 | 0 | 0 | 0* |
| 1-4 | 0.0 | 0.0 | 0.0 | 2* |
| 5-14 | 69.7 | 55.1 | 15.5 | 13* |
| 15-24 | 96.1 | 61.4 | 12.2 | 58 |
| 25-34 | 76.3 | 52.8 | 34.2 | 309 |
| 35-44 | 82.7 | 43.6 | 31.2 | 1,344 |
| 45-54 | 81.6 | 44.8 | 33.6 | 4,024 |
| 55-64 | 81.8 | 42.5 | 28.2 | 5,385 |
| 65-74 | 80.6 | 36.2 | 24.1 | 3,002 |
| 75+ | 79.5 | 32.7 | 28.7 | 798 |
| Sex | | | | |
| Male | 81.2 | 49.5 | 32.2 | 6,005 |
| Female | 81.5 | 36.4 | 27.2 | 8,930 |
| Education | | | | |
| Never attended school | 76.5 | 28.8 | 27.7 | 758 |
| Some primary school/Islamic primary school | 78.2 | 29.7 | 24.8 | 1,230 |
| Primary school/Islamic primary school graduate | 78.4 | 34.5 | 26.0 | 4,743 |
| Junior secondary school/Islamic junior secondary school graduate | 80.2 | 39.5 | 27.6 | 2,376 |
| Senior secondary school/Islamic senior secondary school graduate | 84.3 | 48.5 | 33.5 | 3,947 |
| D1/D2/D3/university graduate | 88.4 | 61.5 | 33.8 | 1,879 |
| Occupation | | | | |
| Unemployed | 80.2 | 36.9 | 26.9 | 6,292 |
| Student | 89.4 | 47.1 | 23.6 | 107 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 88.7 | 58.9 | 35.9 | 853 |
| Private employee | 83.6 | 56.9 | 38.1 | 1,105 |
| Self-employed | 80.6 | 43.1 | 29.4 | 2,566 |
| Farmer/farm worker | 80.5 | 34.8 | 27.8 | 1,824 |
| Fisher | 83.7 | 36.6 | 30.9 | 58 |
| Labor/driver/domestic help | 79.7 | 46.0 | 27.7 | 831 |
| Others | 83.4 | 44.8 | 31.3 | 1,294 |
| Residence | | | | |
| Urban | 81.4 | 45.0 | 29.0 | 10,700 |
| Rural | 81.4 | 33.4 | 29.7 | 4,235 |
| Economic Status | | | | |
| Lowest | 78.3 | 25.3 | 27.9 | 1,186 |
| Lower middle | 79.2 | 33.0 | 25.7 | 2,067 |
| Middle | 77.5 | 33.3 | 26.0 | 2,647 |
| Upper middle | 79.9 | 41.0 | 29.1 | 4,006 |
| Highest | 86.2 | 54.1 | 32.7 | 5,028 |

*Weighted N < 50.

Table 7.23. Proportion of Follow-Up/Control Visits for DM at Healthcare Facilities in the Population of All Ages with DM Based on Doctor Diagnosis by Province, 2023 SKI

| Province | Control Visits for DM at Healthcare Facilities (%) | | | Weighted N |
|-------------------------|--|-------------|-------------------|---------------|
| | Regular | Occasional | No Control Visits | |
| Aceh | 50.9 | 41.4 | 7.7 | 285 |
| North Sumatra | 54.3 | 33.6 | 12.1 | 684 |
| West Sumatra | 66.5 | 19.9 | 13.6 | 226 |
| Riau | 59.1 | 34.1 | 6.8 | 318 |
| Jambi | 60.0 | 31.3 | 8.7 | 109 |
| South Sumatra | 65.6 | 24.7 | 9.7 | 333 |
| Bengkulu | 53.5 | 37.2 | 9.3 | 70 |
| Lampung | 58.8 | 29.2 | 12.0 | 349 |
| Bangka Belitung Islands | 60.2 | 30.2 | 9.7 | 102 |
| Riau Islands | 68.4 | 24.4 | 7.2 | 110 |
| DKI Jakarta | 64.1 | 23.9 | 11.9 | 1,034 |
| West Java | 56.1 | 27.7 | 16.2 | 2,607 |
| Central Java | 58.7 | 25.7 | 15.6 | 2,146 |
| DI Yogyakarta | 73.5 | 12.1 | 14.4 | 337 |
| East Java | 59.4 | 26.1 | 14.6 | 2,831 |
| Banten | 60.9 | 27.8 | 11.3 | 735 |
| Bali | 79.7 | 12.3 | 8.0 | 231 |
| West Nusa Tenggara | 62.7 | 24.7 | 12.6 | 232 |
| East Nusa Tenggara | 49.0 | 32.3 | 18.7 | 125 |
| West Kalimantan | 61.2 | 31.1 | 7.7 | 220 |
| Central Kalimantan | 57.9 | 30.2 | 11.9 | 123 |
| South Kalimantan | 61.0 | 28.0 | 11.0 | 182 |
| East Kalimantan | 52.9 | 32.1 | 15.0 | 291 |
| North Kalimantan | 71.0 | 21.5 | 7.5 | 34* |
| North Sulawesi | 61.7 | 25.1 | 13.1 | 175 |
| Central Sulawesi | 53.2 | 32.4 | 14.4 | 161 |
| South Sulawesi | 58.1 | 30.4 | 11.5 | 455 |
| Southeast Sulawesi | 54.6 | 36.5 | 8.9 | 100 |
| Gorontalo | 56.3 | 36.7 | 7.1 | 67 |
| West Sulawesi | 54.1 | 38.6 | 7.4 | 47* |
| Maluku | 52.8 | 29.5 | 17.7 | 39* |
| North Maluku | 60.1 | 23.9 | 16.0 | 36* |
| West Papua | 29.9 | 49.2 | 20.9 | 19* |
| Southwest Papua | 69.1 | 23.1 | 7.8 | 20* |
| Papua | 51.2 | 38.1 | 10.7 | 41* |
| South Papua | 42.8 | 42.6 | 14.5 | 18* |
| Central Papua | 51.8 | 29.3 | 19.0 | 33* |
| Highland Papua | 12.1 | 45.9 | 42.0 | 8* |
| Indonesia | 59.2 | 27.3 | 13.5 | 14,935 |

*Weighted N < 50.

Table 7.24. Proportion of Follow-Up/Control Visits for DM at Healthcare Facilities in the Population of All Ages with DM Based on Doctor Diagnosis by Characteristic, 2023 SKI

| Characteristic | Control Visits for DM at Healthcare Facilities (%) | | | Weighted N |
|--|--|------------|-------------------|------------|
| | Regular | Occasional | No Control Visits | |
| Age Range (Year) | | | | |
| < 1 | 0 | 0 | 0 | 0* |
| 1-4 | 100.0 | 0.0 | 0.0 | 2* |
| 5-14 | 33.7 | 17.9 | 48.4 | 13* |
| 15-24 | 35.1 | 28.7 | 36.2 | 58 |
| 25-34 | 50.3 | 27.6 | 22.1 | 309 |
| 35-44 | 49.8 | 33.4 | 16.8 | 1,344 |
| 45-54 | 55.9 | 29.0 | 15.0 | 4,024 |
| 55-64 | 62.0 | 26.5 | 11.5 | 5,385 |
| 65-74 | 64.5 | 23.8 | 11.7 | 3,002 |
| 75+ | 59.1 | 26.8 | 14.1 | 798 |
| Sex | | | | |
| Male | 54.9 | 28.7 | 16.4 | 6,005 |
| Female | 62.1 | 26.3 | 11.5 | 8,930 |
| Education | | | | |
| Never attended school | 60.7 | 27.2 | 12.1 | 758 |
| Some primary school/Islamic primary school | 57.6 | 29.2 | 13.2 | 1,231 |
| Primary school/Islamic primary school graduate | 55.9 | 30.4 | 13.7 | 4,743 |
| Junior secondary school/Islamic junior secondary school graduate | 58.6 | 27.9 | 13.5 | 2,376 |
| Senior secondary school/Islamic senior secondary school graduate | 59.8 | 25.8 | 14.4 | 3,948 |
| D1/D2/D3/university graduate | 67.7 | 20.6 | 11.7 | 1,879 |
| Occupation | | | | |
| Unemployed | 62.0 | 25.7 | 12.3 | 6,292 |
| Student | 50.5 | 22.6 | 26.9 | 107 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 66.4 | 24.0 | 9.6 | 853 |
| Private employee | 57.7 | 25.8 | 16.6 | 1,105 |
| Self-employed | 53.6 | 30.1 | 16.3 | 2,566 |
| Farmer/farm worker | 56.0 | 31.2 | 12.8 | 1,824 |
| Fisher | 50.6 | 37.4 | 12.0 | 58 |
| Labor/driver/domestic help | 50.2 | 32.2 | 17.6 | 831 |
| Others | 64.9 | 24.4 | 10.7 | 1,294 |
| Residence | | | | |
| Urban | 60.8 | 25.6 | 13.6 | 10,700 |
| Rural | 55.4 | 31.5 | 13.1 | 4,235 |
| Economic Status | | | | |
| Lowest | 52.3 | 30.9 | 16.8 | 1,187 |
| Lower middle | 51.9 | 31.3 | 16.8 | 2,067 |
| Middle | 57.6 | 29.3 | 13.2 | 2,647 |
| Upper middle | 58.8 | 27.9 | 13.2 | 4,006 |
| Highest | 65.1 | 23.2 | 11.7 | 5,029 |

*Weighted N < 50.

Table 7.25. Proportion of Controlled DM in Individuals Aged ≥ 15 with DM Based on Doctor Diagnosis by Characteristic, 2023 SKI

| Characteristic | - | Controlled DM | | Weighted N |
|--|-------|---------------|--|------------|
| | % | 95% CI | | |
| Age Range (Year) | | | | |
| 15-24 | 100.0 | 100 - 100 | | 10* |
| 25-34 | 11.3 | 1.7 - 48.6 | | 15* |
| 35-44 | 6.1 | 3 - 12.3 | | 85 |
| 45-54 | 18.7 | 14.2 - 24.4 | | 208 |
| 55-64 | 20.4 | 15.6 - 26.1 | | 268 |
| 65-74 | 18.6 | 12.9 - 26 | | 143 |
| 75+ | 38.4 | 17.2 - 65.1 | | 22* |
| Sex | | | | |
| Male | 20.5 | 15.5 - 26.6 | | 314 |
| Female | 18.6 | 15.2 - 22.7 | | 436 |
| Education | | | | |
| Never attended school | 26.7 | 13.3 - 46.5 | | 24* |
| Some primary school/Islamic primary school | 22.0 | 13.3 - 34.1 | | 70 |
| Primary school/Islamic primary school graduate | 16.2 | 12.7 - 20.5 | | 289 |
| Junior secondary school/Islamic junior secondary school graduate | 16.6 | 10.4 - 25.5 | | 119 |
| Senior secondary school/Islamic senior secondary school graduate | 24.0 | 16.9 - 32.9 | | 175 |
| D1/D2/D3/university graduate | 32.0 | 19 - 48.6 | | 20* |
| University graduate | 16.4 | 6.8 - 34.3 | | 53 |
| Occupation | | | | |
| Unemployed | 19.6 | 15.3 - 24.8 | | 274 |
| Student | 77.2 | 17.3 - 98.2 | | 8* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 14.0 | 5.7 - 30.5 | | 27* |
| Private employee | 10.3 | 3.4 - 27.3 | | 46* |
| Self-employed | 15.0 | 9.8 - 22.3 | | 152 |
| Farmer/farm worker | 27.9 | 21 - 36 | | 120 |
| Fisher | 60.6 | 19.2 - 90.9 | | 3* |
| Labor/driver/domestic help | 8.8 | 3.3 - 21.4 | | 58 |
| Others | 22.4 | 14.3 - 33.2 | | 63 |
| Residence | | | | |
| Urban | 17.3 | 13.6 - 21.8 | | 521 |
| Rural | 24.1 | 20.3 - 28.3 | | 229 |
| Economic Status | | | | |
| Lowest | 32.8 | 22.2 - 45.6 | | 69 |
| Lower middle | 17.4 | 12.2 - 24.3 | | 123 |
| Middle | 18.4 | 13.2 - 25 | | 169 |
| Upper middle | 18.5 | 13.2 - 25.3 | | 187 |
| Highest | 17.7 | 11.6 - 26.1 | | 202 |

*Weighted N < 50.

Table 7.26. Proportion of DM Symptoms in the Last Month in the Population of All Ages Who Have Never Been Diagnosed with DM by Province, 2023 SKI

| Province | DM Symptoms in the Last Month (%) | | | | Weighted N |
|-------------------------|-----------------------------------|-----------------|--------------------|-------------|----------------|
| | Frequent Hunger | Frequent Thirst | Frequent Urination | Weight Loss | |
| Aceh | 2.4 | 3.6 | 1.0 | 0.7 | 16,985 |
| North Sumatra | 3.5 | 3.6 | 1.4 | 1.0 | 47,784 |
| West Sumatra | 1.4 | 1.9 | 1.0 | 0.8 | 17,911 |
| Riau | 0.9 | 1.2 | 0.6 | 0.6 | 20,607 |
| Jambi | 1.1 | 1.7 | 0.4 | 0.3 | 11,479 |
| South Sumatra | 1.6 | 2.0 | 1.1 | 0.5 | 27,198 |
| Bengkulu | 1.0 | 1.1 | 0.8 | 0.5 | 6,501 |
| Lampung | 1.0 | 1.3 | 0.7 | 0.3 | 28,981 |
| Bangka Belitung Islands | 0.5 | 0.9 | 0.4 | 0.3 | 4,661 |
| Riau Islands | 1.4 | 1.9 | 0.9 | 0.7 | 6,672 |
| DKI Jakarta | 2.3 | 3.4 | 1.5 | 0.8 | 32,520 |
| West Java | 3.3 | 4.6 | 2.6 | 1.6 | 154,370 |
| Central Java | 1.3 | 1.7 | 1.1 | 0.7 | 116,039 |
| DI Yogyakarta | 1.8 | 2.5 | 1.4 | 0.7 | 11,420 |
| East Java | 1.3 | 1.8 | 0.9 | 0.5 | 127,855 |
| Banten | 3.5 | 4.4 | 2.0 | 1.1 | 38,017 |
| Bali | 0.7 | 0.8 | 0.5 | 0.2 | 13,628 |
| West Nusa Tenggara | 2.0 | 2.4 | 1.6 | 0.5 | 17,290 |
| East Nusa Tenggara | 5.6 | 5.3 | 2.8 | 1.6 | 17,424 |
| West Kalimantan | 0.8 | 1.2 | 0.5 | 0.4 | 17,492 |
| Central Kalimantan | 1.0 | 1.2 | 0.5 | 0.3 | 8,615 |
| South Kalimantan | 1.3 | 2.3 | 0.7 | 0.4 | 13,116 |
| East Kalimantan | 2.7 | 3.8 | 2.0 | 1.3 | 12,069 |
| North Kalimantan | 1.5 | 1.4 | 0.6 | 0.5 | 2,265 |
| North Sulawesi | 4.3 | 5.8 | 3.5 | 1.6 | 8,264 |
| Central Sulawesi | 4.6 | 4.7 | 2.6 | 1.7 | 9,559 |
| South Sulawesi | 6.1 | 7.5 | 3.5 | 2.0 | 29,025 |
| Southeast Sulawesi | 5.2 | 5.4 | 1.9 | 1.1 | 8,563 |
| Gorontalo | 3.9 | 5.7 | 2.6 | 1.2 | 3,754 |
| West Sulawesi | 4.6 | 4.9 | 2.0 | 1.2 | 4,619 |
| Maluku | 5.0 | 4.7 | 2.2 | 1.4 | 6,010 |
| North Maluku | 4.5 | 4.2 | 1.4 | 0.9 | 4,176 |
| West Papua | 2.8 | 2.7 | 1.4 | 1.2 | 1,776 |
| Southwest Papua | 5.6 | 5.8 | 2.6 | 1.4 | 1,927 |
| Papua | 3.0 | 3.8 | 1.8 | 1.4 | 3,257 |
| South Papua | 7.5 | 6.0 | 1.8 | 1.6 | 1,665 |
| Central Papua | 10.5 | 10.4 | 3.8 | 2.3 | 4,544 |
| Highland Papua | 14.8 | 17.4 | 3.6 | 3.5 | 4,554 |
| Indonesia | 2.5 | 3.2 | 1.6 | 0.9 | 862,596 |

Table 7.27. Proportion of DM Symptoms in the Last Month in the Population of All Ages Who Have Never Been Diagnosed with DM by Characteristic, 2023 SKI

| Characteristic | DM Symptoms in the Last Month (%) | | | | Weighted N |
|--|-----------------------------------|-----------------|--------------------|-------------|------------|
| | Frequent Hunger | Frequent Thirst | Frequent Urination | Weight Loss | |
| Age Range (Year) | | | | | |
| < 1 | 0.8 | 1.2 | 0.5 | 0.3 | 11,516 |
| 1-4 | 1.0 | 1.3 | 0.4 | 0.7 | 59,246 |
| 5-14 | 1.8 | 2.2 | 0.7 | 0.5 | 138,439 |
| 15-24 | 3.5 | 4.2 | 1.6 | 1.2 | 139,820 |
| 25-34 | 3.1 | 3.8 | 1.7 | 1.0 | 139,885 |
| 35-44 | 2.6 | 3.2 | 1.4 | 0.8 | 130,246 |
| 45-54 | 2.4 | 3.3 | 1.8 | 1.0 | 109,355 |
| 55-64 | 2.6 | 3.3 | 2.4 | 1.2 | 76,361 |
| 65-74 | 2.6 | 3.5 | 3.3 | 1.4 | 41,892 |
| 75+ | 2.2 | 3.0 | 4.1 | 1.9 | 15,837 |
| Sex | | | | | |
| Male | 2.4 | 3.0 | 1.5 | 0.8 | 437,247 |
| Female | 2.6 | 3.4 | 1.7 | 1.0 | 425,349 |
| Education | | | | | |
| Never attended school | 2.6 | 2.9 | 1.4 | 0.9 | 68,370 |
| Some primary school/Islamic primary school | 2.3 | 3.0 | 1.3 | 0.7 | 113,826 |
| Primary school/Islamic primary school graduate | 2.9 | 3.6 | 2.1 | 1.0 | 193,050 |
| Junior secondary school/Islamic junior secondary school graduate | 2.8 | 3.6 | 1.8 | 1.0 | 141,699 |
| Senior secondary school/Islamic senior secondary school graduate | 2.6 | 3.4 | 1.6 | 1.1 | 212,713 |
| D1/D2/D3/university graduate | 2.2 | 2.8 | 1.5 | 0.8 | 62,175 |
| Occupation | | | | | |
| Unemployed | 3.3 | 4.1 | 2.3 | 1.3 | 206,839 |
| Student | 2.7 | 3.2 | 1.2 | 0.8 | 117,668 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 2.1 | 2.6 | 1.5 | 0.8 | 19,962 |
| Private employee | 2.0 | 2.7 | 1.3 | 0.7 | 75,176 |
| Self-employed | 2.4 | 3.1 | 1.6 | 0.8 | 99,499 |
| Farmer/farm worker | 2.8 | 3.4 | 1.8 | 0.8 | 106,052 |
| Fisher | 3.2 | 4.3 | 2.3 | 0.9 | 5,299 |
| Labor/driver/domestic help | 2.9 | 3.9 | 2.0 | 1.3 | 53,271 |
| Others | 3.1 | 3.9 | 2.1 | 1.1 | 38,972 |
| Residence | | | | | |
| Urban | 2.4 | 3.2 | 1.7 | 1.0 | 501,714 |
| Rural | 2.6 | 3.1 | 1.4 | 0.8 | 360,882 |
| Economic Status | | | | | |
| Lowest | 3.8 | 4.4 | 2.0 | 1.2 | 124,083 |
| Lower middle | 2.6 | 3.2 | 1.6 | 0.9 | 156,535 |
| Middle | 2.4 | 3.0 | 1.6 | 0.9 | 182,905 |
| Upper middle | 2.4 | 3.1 | 1.6 | 0.9 | 200,814 |
| Highest | 1.9 | 2.6 | 1.3 | 0.8 | 198,197 |

7.4. HEART DISEASE

a. Prevalence of heart disease.

The **prevalence of heart disease** is the prevalence of heart disease based on doctor diagnosis in the population of all ages (percent).

$$\text{Prevalence of heart disease based on doctor diagnosis} = \frac{\text{Household members of all ages who have been diagnosed with a heart disease by a doctor}}{\text{Interviewed household members of all ages}}$$

Table 7.28. Prevalence of Heart Disease Based on Doctor Diagnosis in All Ages by Province, 2023 SKI

| Province | Heart Disease Based on Doctor Diagnosis | | Weighted N |
|-------------------------|---|--------------------|----------------|
| | % | 95% CI | |
| Aceh | 0.77 | 0.66 - 0.91 | 17,271 |
| North Sumatra | 0.60 | 0.50 - 0.71 | 48,469 |
| West Sumatra | 0.87 | 0.74 - 1.03 | 18,138 |
| Riau | 0.53 | 0.43 - 0.66 | 20,925 |
| Jambi | 0.47 | 0.36 - 0.62 | 11,588 |
| South Sumatra | 0.58 | 0.48 - 0.71 | 27,532 |
| Bengkulu | 0.63 | 0.48 - 0.83 | 6,571 |
| Lampung | 0.58 | 0.47 - 0.72 | 29,331 |
| Bangka Belitung Islands | 0.87 | 0.71 - 1.05 | 4,763 |
| Riau Islands | 0.91 | 0.66 - 1.24 | 6,782 |
| DKI Jakarta | 1.56 | 1.32 - 1.85 | 33,552 |
| West Java | 1.18 | 1.07 - 1.30 | 156,977 |
| Central Java | 0.79 | 0.72 - 0.87 | 118,184 |
| DI Yogyakarta | 1.67 | 1.41 - 1.98 | 11,757 |
| East Java | 0.88 | 0.80 - 0.97 | 130,683 |
| Banten | 0.78 | 0.63 - 0.98 | 38,751 |
| Bali | 1.00 | 0.84 - 1.18 | 13,859 |
| West Nusa Tenggara | 0.49 | 0.35 - 0.68 | 17,522 |
| East Nusa Tenggara | 0.44 | 0.37 - 0.53 | 17,550 |
| West Kalimantan | 0.55 | 0.44 - 0.70 | 17,713 |
| Central Kalimantan | 0.54 | 0.43 - 0.69 | 8,737 |
| South Kalimantan | 0.66 | 0.55 - 0.81 | 13,299 |
| East Kalimantan | 1.08 | 0.89 - 1.31 | 12,360 |
| North Kalimantan | 0.95 | 0.68 - 1.33 | 2,300 |
| North Sulawesi | 0.82 | 0.69 - 0.98 | 8,439 |
| Central Sulawesi | 0.65 | 0.54 - 0.79 | 9,721 |
| South Sulawesi | 0.69 | 0.58 - 0.82 | 29,481 |
| Southeast Sulawesi | 0.51 | 0.41 - 0.63 | 8,664 |
| Gorontalo | 0.60 | 0.45 - 0.81 | 3,821 |
| West Sulawesi | 0.37 | 0.25 - 0.54 | 4,667 |
| Maluku | 0.44 | 0.32 - 0.59 | 6,050 |
| North Maluku | 0.27 | 0.18 - 0.39 | 4,213 |
| West Papua | 0.51 | 0.28 - 0.94 | 1,795 |
| Southwest Papua | 0.51 | 0.31 - 0.84 | 1,947 |
| Papua | 0.68 | 0.41 - 1.10 | 3,299 |
| South Papua | 0.38 | 0.22 - 0.66 | 1,684 |
| Central Papua | 1.65 | 0.60 - 4.43 | 4,577 |
| Highland Papua | 0.11 | 0.04 - 0.30 | 4,563 |
| INDONESIA | 0.85 | 0.82 - 0.88 | 877,531 |

Table 7.29. Prevalence of Heart Disease Based on Doctor Diagnosis in All Ages by Characteristic, 2023 SKI

| Characteristic | Heart Disease Based on Doctor Diagnosis | | Weighted N |
|--|---|-------------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| < 1 | 0.12 | 0.06 - 0.24 | 11,518 |
| 1-4 | 0.12 | 0.08 - 0.17 | 59,253 |
| 5-14 | 0.11 | 0.07 - 0.18 | 138,465 |
| 15-24 | 0.11 | 0.07 - 0.16 | 139,891 |
| 25-34 | 0.15 | 0.12 - 0.18 | 140,206 |
| 35-44 | 0.46 | 0.40 - 0.52 | 131,595 |
| 45-54 | 1.34 | 1.23 - 1.45 | 113,367 |
| 55-64 | 2.65 | 2.49 - 2.82 | 81,723 |
| 65-74 | 4.05 | 3.77 - 4.36 | 44,881 |
| 75+ | 4.60 | 4.08 - 5.19 | 16,632 |
| Sex | | | |
| Male | 0.80 | 0.75 - 0.84 | 443,261 |
| Female | 0.91 | 0.86 - 0.95 | 434,270 |
| Education | | | |
| Never attended school | 0.60 | 0.52 - 0.70 | 69,130 |
| Some primary school/Islamic primary school | 0.60 | 0.51 - 0.70 | 115,061 |
| Primary school/Islamic primary school graduate | 1.17 | 1.09 - 1.25 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 0.77 | 0.69 - 0.85 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 0.87 | 0.81 - 0.94 | 216,658 |
| D1/D2/D3/university graduate | 1.52 | 1.38 - 1.68 | 64,050 |
| Occupation | | | |
| Unemployed | 1.42 | 1.34 - 1.51 | 213,116 |
| Student | 0.12 | 0.07 - 0.21 | 117,785 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 2.04 | 1.78 - 2.35 | 20,811 |
| Private employee | 0.68 | 0.58 - 0.79 | 76,283 |
| Self-employed | 1.05 | 0.96 - 1.16 | 102,060 |
| Farmer/farm worker | 0.86 | 0.79 - 0.95 | 107,876 |
| Fisher | 0.36 | 0.22 - 0.58 | 5,358 |
| Labor/driver/domestic help | 0.90 | 0.77 - 1.06 | 54,102 |
| Others | 1.66 | 1.48 - 1.86 | 40,262 |
| Residence | | | |
| Urban | 1.08 | 1.03 - 1.13 | 512,403 |
| Rural | 0.53 | 0.49 - 0.57 | 365,128 |
| Economic Status | | | |
| Lowest | 0.53 | 0.45 - 0.61 | 125,275 |
| Lower middle | 0.68 | 0.61 - 0.75 | 158,606 |
| Middle | 0.73 | 0.67 - 0.79 | 185,555 |
| Upper middle | 0.86 | 0.80 - 0.93 | 204,817 |
| Highest | 1.28 | 1.20 - 1.37 | 203,216 |

Table 7.30. Prevalence of Total Cholesterol Level Examination Results by Characteristic, 2023 SKI

| Characteristic | Total Cholesterol Level | | | | | | Weighted N | |
|--|-------------------------|------------------|-----------------|------------------|-------------|------------------|---------------|--|
| | Desirable | | Borderline High | | High | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Age Range (Year) | | | | | | | | |
| 15-24 | 83.1 | 81.3-84.7 | 14.2 | 12.7-15.8 | 2.8 | 2.2-3.5 | 158 | |
| 25-34 | 66.9 | 65.1-68.6 | 25.3 | 23.7-26.9 | 7.8 | 6.8-9.0 | 139 | |
| 35-44 | 59.1 | 57.4-60.7 | 29.9 | 28.4-31.4 | 11.1 | 10.1-12.1 | 107 | |
| 45-54 | 46.3 | 44.7-47.9 | 36.3 | 34.8-37.8 | 17.5 | 16.3-18.6 | 86 | |
| 55-64 | 43.4 | 41.6-45.3 | 35.4 | 33.6-37.2 | 21.2 | 19.9-22.6 | 74 | |
| 65-74 | 46.6 | 44.1-49.2 | 33.4 | 31.2-35.7 | 20.0 | 18.0-22.1 | 56 | |
| 75+ | 52.9 | 48.5-57.2 | 33.9 | 29.9-38.0 | 13.3 | 10.6-16.4 | 35* | |
| Sex | | | | | | | | |
| Male | 64.3 | 63.0-65.5 | 26.2 | 25.1-27.3 | 9.6 | 8.9-10.3 | 14,510 | |
| Female | 56.7 | 55.7-57.8 | 29.4 | 28.5-30.4 | 13.8 | 13.2-14.5 | 14,246 | |
| Education | | | | | | | | |
| Never attended school | 53.9 | 50.5-57.4 | 31.3 | 28.3-34.4 | 14.8 | 12.6-17.4 | 1,159 | |
| Some primary school/Islamic primary school | 55.3 | 52.6-58.0 | 31.3 | 28.6-34.1 | 13.4 | 11.7-15.3 | 1,963 | |
| Primary school/Islamic primary school graduate | 56.9 | 55.4-58.5 | 29.8 | 28.5-31.2 | 13.3 | 12.4-14.2 | 8,009 | |
| Junior secondary school/Islamic junior secondary school graduate | 66.0 | 64.4-67.7 | 24.4 | 23.0-25.9 | 9.5 | 8.6-10.5 | 6,485 | |
| Senior secondary school/Islamic senior secondary school graduate | 63.4 | 61.9-64.9 | 26.4 | 25.2-27.7 | 10.2 | 9.4-11.0 | 9,000 | |
| D1/D2/D3 graduate | 53.2 | 48.9-57.5 | 31.4 | 27.4-35.7 | 15.4 | 12.7-18.6 | 875 | |
| University graduate | 53.8 | 50.1-57.5 | 31.1 | 27.9-34.4 | 15.1 | 12.8-17.7 | 1,266 | |
| Occupation | | | | | | | | |
| Unemployed | 59.2 | 57.7-60.6 | 28.0 | 26.8-29.3 | 12.8 | 12-13.7 | 8,897 | |
| Student | 84.3 | 81.8-86.5 | 13.4 | 11.4-15.7 | 2.4 | 1.6-3.5 | 2,438 | |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 46.6 | 42.0-51.3 | 33.2 | 29.1-37.6 | 20.2 | 16.3-24.8 | 677 | |
| Private employee | 61.9 | 59.1-64.6 | 28.9 | 26.5-31.4 | 9.2 | 7.8-10.9 | 2,620 | |
| Self-employed | 55.2 | 53.2-57.2 | 31.6 | 29.8-33.4 | 13.2 | 12-14.6 | 4,572 | |
| Farmer/farm worker | 57.8 | 56.1-59.5 | 29.7 | 28.3-31.1 | 12.5 | 11.5-13.6 | 5,263 | |
| Fisher | 47.1 | 38.8-55.6 | 38.0 | 30.5-46.1 | 14.9 | 9.5-22.6 | 182 | |
| Labor/driver/domestic help | 63.7 | 60.9-66.4 | 25.7 | 23.2-28.3 | 10.6 | 9.0-12.4 | 2,408 | |
| Others | 56.9 | 53.8-60.0 | 29.1 | 26.5-31.9 | 13.9 | 12.0-16.2 | 1,698 | |
| Residence | | | | | | | | |
| Urban | 59.4 | 58.2-60.6 | 28.4 | 27.4-29.4 | 12.2 | 11.5-12.8 | 17,170 | |
| Rural | 62.2 | 60.7-63.6 | 26.9 | 25.7-28.0 | 11.0 | 10.3-11.7 | 11,586 | |
| Economic Status | | | | | | | | |
| Lowest | 64.1 | 62.1-66.1 | 25.6 | 23.9-27.4 | 10.3 | 9.2-11.5 | 4,508 | |
| Lower middle | 61.0 | 59.1-62.9 | 28.0 | 26.4-29.6 | 11.0 | 10.1-12.0 | 5,886 | |
| Middle | 62.3 | 60.6-64.0 | 26.6 | 25.3-28.0 | 11.1 | 10.1-12.1 | 6,507 | |
| Upper middle | 60.1 | 58.3-61.8 | 28.5 | 27.0-30.1 | 11.4 | 10.4-12.5 | 6,577 | |
| Highest | 55.4 | 53.2-57.5 | 30.0 | 28.2-31.9 | 14.7 | 13.5-15.9 | 5,277 | |
| INDONESIA | 60.5 | 59.6-61.4 | 27.8 | 27.0-28.6 | 11.7 | 11.2-12.2 | 28,756 | |

*Weighted N < 50.

Table 7.31. Prevalence of Triglyceride Level Examination Results by Characteristic, 2023 SKI

| Characteristic | Triglyceride Level | | | | | | | | Weighted N | |
|--|--------------------|------------------|-----------------|------------------|-------------|------------------|------------|----------------|---------------|--|
| | Normal | | Borderline High | | High | | Very High | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Age Range (Year) | | | | | | | | | | |
| 15-24 | 73.2 | 71.1-75.1 | 13.7 | 12.3-15.3 | 12.8 | 11.3-14.4 | 0.3 | 0.2-0.7 | 5,921 | |
| 25-34 | 59.8 | 57.8-61.7 | 17.1 | 15.6-18.7 | 22.6 | 21.0-24.3 | 0.5 | 0.3-0.9 | 6,047 | |
| 35-44 | 54.7 | 53.0-56.3 | 17.4 | 16.3-18.7 | 26.3 | 24.8-27.8 | 1.6 | 1.3-2.1 | 5,651 | |
| 45-54 | 49.5 | 47.9-51.1 | 19.8 | 18.7-21.1 | 28.8 | 27.4-30.3 | 1.8 | 1.4-2.3 | 4,909 | |
| 55-64 | 51.4 | 49.5-53.2 | 21.4 | 19.9-22.9 | 25.8 | 24.4-27.3 | 1.4 | 1.1-1.9 | 3,567 | |
| 65-74 | 54.5 | 51.9-57.0 | 21.0 | 19.1-23.0 | 23.5 | 21.5-25.7 | 1.0 | 0.6-1.7 | 1,938 | |
| 75+ | 59.2 | 54.9-63.4 | 19.6 | 16.5-23.1 | 20.3 | 17.1-23.9 | 0.9 | 0.4-2.3 | 721 | |
| Sex | | | | | | | | | | |
| Male | 52.4 | 51.1-53.7 | 19.3 | 18.4-20.3 | 26.8 | 25.8-27.9 | 1.4 | 1.2-1.7 | 14,508 | |
| Female | 64.4 | 63.4-65.5 | 16.2 | 15.5-16.9 | 18.6 | 17.9-19.4 | 0.7 | 0.6-0.9 | 14,246 | |
| Education | | | | | | | | | | |
| Never attended school | 55.7 | 52.4-58.9 | 21.6 | 1.3-19.2 | 22.3 | 19.7-25.2 | 0.4 | 0.2-0.9 | 1,159 | |
| Some primary school/Islamic primary school | 57.0 | 54.3-59.7 | 19.4 | 1.0-17.4 | 22.6 | 20.3-25.1 | 1.0 | 0.7-1.6 | 1,962 | |
| Primary school/Islamic primary school graduate | 56.5 | 54.9-58.0 | 18.5 | 0.6-17.4 | 23.6 | 22.4-24.8 | 1.4 | 1.1-1.8 | 8,008 | |
| Junior secondary school/Islamic junior secondary school graduate | 62.4 | 60.7-64.1 | 16.2 | 0.6-15.0 | 20.8 | 19.4-22.3 | 0.6 | 0.4-0.8 | 6,485 | |
| Senior secondary school/Islamic senior secondary school graduate | 58.4 | 56.8-60.0 | 17.5 | 0.6-16.4 | 23.0 | 21.6-24.4 | 1.1 | 0.9-1.4 | 8,999 | |
| D1/D2/D3 graduate | 54.6 | 50.2-58.9 | 17.0 | 1.6-14.1 | 26.2 | 22.5-30.2 | 2.2 | 1.2-3.9 | 875 | |
| University graduate | 56.1 | 52.6-59.5 | 17.8 | 1.3-15.4 | 24.4 | 21.6-27.5 | 1.6 | 0.8-3.2 | 1,265 | |
| Occupation | | | | | | | | | | |
| Unemployed | 63.6 | 0.7-62.2 | 16.8 | 0.5-15.8 | 18.9 | 17.9-19.9 | 0.8 | 0.1-0.6 | 8,897 | |
| Student | 74.5 | 1.5-71.5 | 13.7 | 1.1-11.6 | 11.6 | 9.5-14.0 | 0.2 | 0.1-0.1 | 2,438 | |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 48.3 | 2.3-43.9 | 18.3 | 1.6-15.4 | 31.8 | 27.3-36.7 | 1.6 | 0.5-0.9 | 677 | |
| Private employee | 53.9 | 1.7-50.5 | 19.0 | 1.4-16.5 | 25.7 | 23.2-28.3 | 1.4 | 0.3-0.9 | 2,620 | |
| Self-employed | 49.8 | 1-47.8 | 18.2 | 0.8-16.7 | 30.1 | 28.3-32.0 | 1.9 | 0.2-1.5 | 4,571 | |
| Farmer/farm worker | 54.4 | 0.8-52.7 | 19.6 | 0.6-18.4 | 25.3 | 23.8-26.7 | 0.7 | 0.1-0.5 | 5,262 | |
| Fisher | 50.9 | 4.7-41.6 | 19.6 | 3.4-13.8 | 26.5 | 19.9-34.3 | 3.0 | 1.6-1.1 | 182 | |
| Labor/driver/domestic help | 55.2 | 1.5-52.3 | 19.4 | 1.2-17.2 | 23.9 | 21.5-26.5 | 1.5 | 0.3-1 | 2,408 | |
| Others | 59.5 | 1.4-56.6 | 17.5 | 1.1-15.5 | 21.6 | 17.9-19.9 | 1.5 | 0.4-0.8 | 1,697 | |
| Residence | | | | | | | | | | |
| Urban | 58.6 | 57.4-59.8 | 18.0 | 17.2-18.9 | 22.2 | 21.3-23.1 | 1.2 | 1.0-1.4 | 17,169 | |
| Rural | 58.0 | 56.7-59.3 | 17.4 | 16.6-18.3 | 23.6 | 22.6-24.7 | 0.9 | 0.8-1.1 | 11,585 | |
| Economic Status | | | | | | | | | | |
| Lowest | 58.2 | 56.0-60.4 | 18.2 | 16.8-19.8 | 22.8 | 21.2-24.5 | 0.8 | 0.5-1.2 | 4,508 | |
| Lower middle | 59.4 | 57.6-61.2 | 17.6 | 16.3-19.0 | 22.2 | 20.8-23.7 | 0.8 | 0.6-1.0 | 5,886 | |
| Middle | 59.0 | 57.3-60.8 | 18.2 | 17.0-19.5 | 21.7 | 20.3-23.2 | 1.0 | 0.8-1.4 | 6,507 | |
| Upper middle | 58.6 | 56.7-60.4 | 18.0 | 16.7-19.3 | 22.4 | 21.0-23.8 | 1.1 | 0.8-1.5 | 6,577 | |
| Highest | 56.2 | 54.3-58.1 | 16.9 | 15.6-18.3 | 25.1 | 23.5-26.8 | 1.8 | 1.4-2.3 | 5,276 | |
| INDONESIA | 58.4 | 57.5-59.2 | 17.8 | 17.2-18.4 | 22.8 | 22.1-23.5 | 1.1 | 0.9-1.2 | 28,754 | |

Table 7.32. Proportion of HDL Level Examination Results by Characteristic, 2023 SKI

| Characteristic | HDL Level | | | | Weighted N | |
|--|-------------|------------------|-------------|------------------|---------------|--|
| | Low | | High | | | |
| | % | 95% CI | % | 95% CI | | |
| Age Range (Year) | | | | | | |
| 15-24 | 89.6 | 87.7-91.2 | 10.4 | 8.8-12.3 | 2,928 | |
| 25-34 | 89.5 | 87.9-90.9 | 10.5 | 9.1-12.1 | 3,227 | |
| 35-44 | 91.2 | 90.1-92.2 | 8.8 | 7.8-9.9 | 2,982 | |
| 45-54 | 87.5 | 86-88.8 | 12.5 | 11.2-14 | 2,360 | |
| 55-64 | 79.0 | 76.8-81 | 21.0 | 19-23.2 | 1,694 | |
| 65-74 | 76.0 | 72.9-78.8 | 24.0 | 21.2-27.1 | 874 | |
| 75+ | 67.6 | 61-73.5 | 32.4 | 26.5-39 | 304 | |
| Sex | | | | | | |
| Male | 95.9 | 95.3-96.5 | 4.1 | 3.5-4.7 | 8,609 | |
| Female | 73.7 | 72.3-75.2 | 26.3 | 24.8-27.7 | 5,760 | |
| Education | | | | | | |
| Never attended school | 82.8 | 78.9-86.2 | 17.2 | 13.8-21.1 | 545 | |
| Some primary school/Islamic primary school | 83.2 | 79.9-86.0 | 16.8 | 14.0-20.1 | 941 | |
| Primary school/Islamic primary school graduate | 85.0 | 83.5-86.3 | 15.0 | 13.7-16.5 | 3,905 | |
| Junior secondary school/Islamic junior secondary school graduate | 89.4 | 87.9-90.7 | 10.6 | 9.3-12.1 | 3,302 | |
| Senior secondary school/Islamic senior secondary school graduate | 88.8 | 87.5-90.0 | 11.2 | 10.0-12.5 | 4,607 | |
| D1/D2/D3 graduate | 83.1 | 79.0-86.5 | 16.9 | 13.5-21.0 | 446 | |
| University graduate | 86.4 | 83.0-89.2 | 13.6 | 10.8-17.0 | 623 | |
| Occupation | | | | | | |
| Unemployed | 80.1 | 78.4-81.8 | 19.9 | 18.2-21.6 | 3,902 | |
| Student | 87.9 | 84.5-90.6 | 12.1 | 9.4-15.5 | 1,163 | |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 90.5 | 86.8-93.2 | 9.5 | 6.8-13.2 | 358 | |
| Private employee | 91.1 | 89.0-92.9 | 8.9 | 7.1-11.0 | 1,428 | |
| Self-employed | 91.3 | 89.9-92.6 | 8.7 | 7.4-10.1 | 2,481 | |
| Farmer/farm worker | 88.2 | 86.7-89.5 | 11.8 | 10.5-13.3 | 2,775 | |
| Fisher | 96.2 | 92.0-98.2 | 3.8 | 1.8-8.0 | 101 | |
| Labor/driver/domestic help | 90.9 | 88.5-92.9 | 9.1 | 7.1-11.5 | 1,367 | |
| Others | 85.3 | 82.3-87.8 | 14.7 | 12.2-17.7 | 796 | |
| Residence | | | | | | |
| Urban | 86.3 | 85.2-87.4 | 13.7 | 85.2-87.4 | 8,387 | |
| Rural | 88.0 | 87.0-89.0 | 12.0 | 87.0-89.0 | 5,982 | |
| Economic Status | | | | | | |
| Lowest | 86.8 | 84.9-88.6 | 13.2 | 11.4-15.1 | 2,361 | |
| Lower middle | 87.0 | 85.3-88.6 | 13.0 | 11.4-14.7 | 2,857 | |
| Middle | 88.0 | 86.5-89.5 | 12.0 | 10.5-13.5 | 3,256 | |
| Upper middle | 87.2 | 85.5-88.6 | 12.8 | 11.4-14.5 | 3,303 | |
| Highest | 85.7 | 83.8-87.4 | 14.3 | 12.6-16.2 | 2,592 | |
| INDONESIA | 87.0 | 86.2-87.8 | 13.0 | 12.2-13.8 | 14,369 | |

Table 7.33. Proportion of LDL Level Examination Results by Characteristic, 2023 SKI

| Characteristic | LDL Level | | | | | Weighted N |
|--|-------------|--------------|-----------------|------------|------------|---------------|
| | Optimal | Near Optimal | Borderline High | High | Very High | |
| Age Range (Year) | | | | | | |
| 15-24 | 54.6 | 32.8 | 10.6 | 1.6 | 0.4 | 5,921 |
| 25-34 | 40.0 | 36.5 | 17.6 | 5.0 | 1.0 | 6,047 |
| 35-44 | 33.0 | 37.2 | 20.9 | 7.1 | 1.8 | 5,651 |
| 45-54 | 27.7 | 34.6 | 25.7 | 9.3 | 2.8 | 4,909 |
| 55-64 | 24.9 | 35.2 | 26.0 | 10.0 | 3.9 | 3,568 |
| 65-74 | 26.5 | 33.9 | 25.2 | 10.1 | 4.4 | 1,938 |
| 75+ | 31.9 | 34.4 | 24.6 | 7.1 | 2.0 | 721 |
| Sex | | | | | | |
| Male | 37.0 | 35.8 | 19.5 | 6.0 | 1.6 | 14,510 |
| Female | 36.0 | 34.4 | 20.3 | 7.0 | 2.3 | 14,245 |
| Education | | | 23.5 | | | |
| Never attended school | 32.4 | 33.4 | 21.4 | 7.5 | 3.2 | 1,159 |
| Some primary school/Islamic primary school | 33.9 | 34.8 | 21.2 | 7.1 | 2.8 | 1,963 |
| Primary school/Islamic primary school graduate | 34.3 | 35.2 | 17.3 | 7.2 | 2.2 | 8,008 |
| Junior secondary school/Islamic junior secondary school graduate | 41.2 | 34.1 | 19.4 | 5.9 | 1.5 | 6,485 |
| Senior secondary school/Islamic senior secondary school graduate | 37.6 | 35.8 | 23.9 | 5.7 | 1.5 | 8,999 |
| D1/D2/D3 graduate | 28.6 | 37.8 | 21.0 | 7.6 | 2.1 | 875 |
| University graduate | 32.6 | 35.5 | 23.5 | 7.5 | 3.3 | 1,266 |
| Occupation | | | | | | |
| Unemployed | 36.7 | 34.2 | 20.2 | 6.9 | 2.1 | 8,897 |
| Student | 58.3 | 31.2 | 8.5 | 1.3 | .8 | 2,438 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 28.5 | 31.8 | 24.6 | 10.4 | 4.7 | 677 |
| Private employee | 36.7 | 35.8 | 20.5 | 5.6 | 1.4 | 2,620 |
| Self-employed | 32.4 | 36.4 | 21.8 | 7.5 | 1.9 | 4,572 |
| Farmer/farm worker | 31.6 | 36.6 | 21.9 | 7.5 | 2.3 | 5,262 |
| Fisher | 31.0 | 38.4 | 20.4 | 7.0 | 3.1 | 182 |
| Labor/driver/domestic help | 38.7 | 35.9 | 18.4 | 5.5 | 1.6 | 2,408 |
| Others | 31.1 | 36.6 | 23.5 | 6.8 | 2.0 | 1,698 |
| Residence | | | | | | |
| Urban | 36.7 | 35.0 | 20.0 | 6.4 | 2.0 | 17,170 |
| Rural | 36.3 | 35.3 | 19.8 | 6.6 | 1.9 | 11,585 |
| Economic Status | | | | | | |
| Lowest | 41.4 | 34.2 | 17.3 | 5.4 | 1.6 | 4,507 |
| Lower middle | 36.5 | 35.9 | 19.3 | 6.5 | 1.9 | 5,886 |
| Middle | 35.1 | 36.7 | 20.1 | 6.1 | 2.0 | 6,507 |
| Upper middle | 36.3 | 34.8 | 21.0 | 6.2 | 1.7 | 6,577 |
| Highest | 34.5 | 33.6 | 21.3 | 8.1 | 2.5 | 5,277 |
| INDONESIA | 36.5 | 35.1 | 19.9 | 6.5 | 2.0 | 28,755 |

7.5. HYPERTENSION

- a. Prevalence of hypertension based on doctor diagnosis.

The **prevalence of hypertension based on doctor diagnosis** is the prevalence of hypertension based on doctor diagnosis in individuals aged ≥ 15 years (percent).

$$\frac{\text{Prevalence of hypertension based on doctor diagnosis}}{\text{Interviewed household members aged } \geq 15} = \frac{\text{Household members aged } \geq 15 \text{ that have been diagnosed with hypertension by a doctor}}{\text{Interviewed household members aged } \geq 15}$$

- b. Prevalence of hypertension based on measurement results.

The **prevalence of hypertension based on measurement results** is the prevalence of hypertension based on the average measurement result of systolic blood pressure ≥ 140 mmHg and/or diastolic blood pressure ≥ 90 mmHg in individuals aged ≥ 15 years (percent).

$$\frac{\text{Prevalence of hypertension based on measurement results}}{\text{Household members aged } \geq 15 \text{ years measured for blood pressure}} = \frac{\text{Household members aged } \geq 15 \text{ years with average measurement result of systolic blood pressure } \geq 140 \text{ mmHg and/or diastolic blood pressure } \geq 90 \text{ mmHg}}{\text{Household members aged } \geq 15 \text{ years measured for blood pressure}}$$

- c. Prevalence of hypertension based on diagnosis in individuals aged ≥ 18 years.

The **prevalence of hypertension based on diagnosis in individuals aged ≥ 18 years** is the prevalence of hypertension based on doctor's diagnosis in individuals aged ≥ 18 years (percent).

$$\frac{\text{Prevalence of hypertension based on doctor diagnosis}}{\text{Interviewed household members aged } \geq 18} = \frac{\text{Household members aged } \geq 18 \text{ that have been diagnosed with hypertension by a doctor}}{\text{Interviewed household members aged } \geq 18}$$

- d. Prevalence of hypertension based on measurement results in the population aged ≥ 18 years. The **prevalence of hypertension based on measurement results in individuals aged ≥ 18 years** is the prevalence of hypertension based on the average measurement result of systolic blood pressure ≥ 140 mmHg and/or diastolic blood pressure ≥ 90 mmHg in individuals aged ≥ 18 years (percent).

$$\frac{\text{Prevalence of hypertension based on measurement results}}{\text{Household members aged } \geq 18 \text{ years measured for blood pressure}} = \frac{\text{Household members aged } \geq 18 \text{ years with average measurement result of systolic blood pressure } \geq 140 \text{ mmHg and/or diastolic blood pressure } \geq 90 \text{ mmHg}}{\text{Household members aged } \geq 18 \text{ years measured for blood pressure}}$$

- e. Proportion of hypertension treatment education.

The **proportion of hypertension treatment education** is the proportion of those who received information/explanation that hypertension medication must be taken continuously/lifelong (receiving education) in individuals aged ≥ 15 years with hypertension based on doctor diagnosis (percent).

$$\frac{\text{Proportion of treatment education}}{\text{Household members aged } \geq 15 \text{ who have been diagnosed with hypertension by a doctor}} = \frac{\text{Have received education about hypertension treatment}}{\text{Household members aged } \geq 15 \text{ who have been diagnosed with hypertension by a doctor}}$$

- f. Proportion of taking antihypertensive medication.

The **proportion of taking antihypertensive medication** is the proportion of taking antihypertensive medication in individuals aged ≥ 15 years with hypertension based on doctor diagnosis (percent).

$$\text{Proportion of taking antihypertensive medication} = \frac{\text{Household members aged } \geq 15 \text{ taking hypertensive medication}}{\text{Household members aged } \geq 15 \text{ who have been diagnosed with hypertension by a doctor}}$$

- g. Proportion of main reasons for non-adherence to hypertension treatment.

The **proportion of main reasons for non-adherence to hypertension treatment** is the proportion of main reasons for not regularly taking antihypertensive medication in individuals aged ≥ 15 who do not take antihypertensive medication at all or regularly (percent).

$$\text{Proportion of main reasons for non-adherence to hypertension} = \frac{\text{Each main reason for not regularly taking antihypertensive medication as prescribed by the doctor}}{\text{Household members aged } \geq 15 \text{ years who or do not take antihypertensive at all or regularly}}$$

- h. Proportion of follow-up/control visits for hypertension at healthcare facilities.

The **proportion of follow-up/control visits for hypertension at healthcare facilities** is the proportion of follow-up/control visits for hypertension at healthcare facilities in individuals aged ≥ 15 years with hypertension based on doctor diagnosis (percent).

$$\text{Proportion of hypertension control visits at healthcare facilities} = \frac{\text{Household members aged } \geq 15 \text{ who have made control visits at healthcare facilities}}{\text{Household members aged } \geq 15 \text{ who have been diagnosed with hypertension by a doctor}}$$

- i. Proportion of controlled hypertension.

The **proportion of controlled hypertension** is the proportion of average systolic blood pressure < 140 mmHg and diastolic blood pressure < 90 mmHg in individuals aged ≥ 15 years with hypertension based on doctor diagnosis (percent).

$$\text{Prevalence of controlled hypertension} = \frac{\text{Household members who have been diagnosed with hypertension by a doctor with average normal BP based on measurement}}{\text{Household members aged } \geq 15 \text{ years who have been diagnosed with hypertension by a doctor and had their blood pressure measured}}$$

Table 7. 34 Prevalence of Hypertension based on Doctor's Diagnosis and Measurement Result in Population Aged ≥ 15 by Province, 2023 SKI

| Province | Hypertension based on Doctor's Diagnosis | | | Weighted N | Hypertension based on Measurement result | | | Weighted N |
|---------------------|--|------------------|--|----------------|--|--------------------|--|----------------|
| | % | 95% CI | | | % | 95% CI | | |
| Aceh | 7.9 | 7.4 - 8.4 | | 12,053 | 21.4 | 20.5 - 22.4 | | 11,173 |
| North Sumatra | 4.3 | 4.0 - 4.7 | | 33,884 | 23.9 | 22.9 - 24.9 | | 32,118 |
| West Sumatra | 7.1 | 6.7 - 7.6 | | 13,042 | 22.6 | 21.7 - 23.5 | | 12,348 |
| Riau | 6.8 | 6.2 - 7.3 | | 14,599 | 24.2 | 23.1 - 25.4 | | 13,634 |
| Jambi | 5.3 | 4.8 - 5.8 | | 8,242 | 22.3 | 21.1 - 23.6 | | 7,799 |
| South Sumatra | 7.2 | 6.7 - 7.8 | | 19,474 | 25.0 | 23.9 - 26.1 | | 18,512 |
| Bengkulu | 6.9 | 6.3 - 7.5 | | 4,687 | 23.5 | 22.3 - 24.7 | | 4,487 |
| Lampung | 7.4 | 6.9 - 7.9 | | 21,021 | 28.3 | 27.2 - 29.4 | | 19,843 |
| Bangka Belitung | 8.8 | 8.2 - 9.6 | | 3,451 | 26.0 | 24.7 - 27.4 | | 3,269 |
| Riau Islands | 7.3 | 6.4 - 8.4 | | 4,780 | 25.3 | 23.1 - 27.7 | | 4,609 |
| DKI Jakarta | 12.6 | 11.8 - 13.5 | | 24,981 | 29.5 | 28.0 - 31.0 | | 23,230 |
| West Java | 9.9 | 9.5 - 10.4 | | 114,619 | 32.6 | 31.8 - 33.4 | | 107,290 |
| Central Java | 6.9 | 6.6 - 7.2 | | 88,180 | 31.3 | 30.7 - 32.0 | | 82,117 |
| DI Yogyakarta | 12.3 | 11.3 - 13.3 | | 8,988 | 30.4 | 29.1 - 31.9 | | 8,566 |
| East Java | 8.0 | 7.7 - 8.4 | | 98,738 | 32.8 | 32.2 - 33.5 | | 93,307 |
| Banten | 9.5 | 8.8 - 10.2 | | 27,784 | 26.8 | 25.5 - 28.2 | | 25,982 |
| Bali | 7.7 | 7.1 - 8.4 | | 10,476 | 21.7 | 20.6 - 23.0 | | 10,229 |
| West Nusa Tenggara | 6.8 | 6.1 - 7.5 | | 12,186 | 24.5 | 23.2 - 25.8 | | 11,406 |
| East Nusa Tenggara | 6.3 | 5.9 - 6.7 | | 11,853 | 26.4 | 25.5 - 27.2 | | 11,069 |
| West Kalimantan | 7.6 | 7.1 - 8.2 | | 12,637 | 29.2 | 27.8 - 30.6 | | 12,126 |
| Central Kalimantan | 7.9 | 7.2 - 8.6 | | 6,286 | 38.7 | 37.2 - 40.3 | | 5,830 |
| South Kalimantan | 8.2 | 7.7 - 8.7 | | 9,352 | 34.1 | 33.0 - 35.2 | | 8,733 |
| East Kalimantan | 11.1 | 10.3 - 12.0 | | 8,929 | 29.1 | 27.7 - 30.6 | | 8,500 |
| North Kalimantan | 7.2 | 6.3 - 8.2 | | 1,654 | 28.0 | 25.8 - 30.3 | | 1,589 |
| North Sulawesi | 12.1 | 11.4 - 12.8 | | 6,239 | 27.8 | 26.5 - 29.1 | | 5,767 |
| Central Sulawesi | 8.3 | 7.7 - 9.0 | | 6,851 | 28.8 | 27.7 - 29.9 | | 6,401 |
| South Sulawesi | 6.7 | 6.2 - 7.1 | | 21,459 | 29.5 | 28.7 - 30.4 | | 20,058 |
| South East Sulawesi | 5.3 | 4.8 - 5.7 | | 5,977 | 27.5 | 26.3 - 28.6 | | 5,585 |
| Sulawesi Gorontalo | 8.2 | 7.4 - 9.0 | | 2,762 | 26.6 | 25.0 - 28.3 | | 2,636 |
| West Sulawesi | 6.5 | 5.7 - 7.4 | | 3,212 | 26.5 | 25.0 - 28.0 | | 2,952 |
| Maluku | 4.3 | 3.8 - 4.8 | | 4,299 | 25.6 | 24.2 - 27.1 | | 4,086 |
| North Maluku | 4.4 | 4.0 - 5.0 | | 2,938 | 20.8 | 19.6 - 22.1 | | 2,627 |
| West Papua | 5.9 | 5.0 - 7.0 | | 1,259 | 25.9 | 23.6 - 28.3 | | 1,124 |
| Southwest Papua | 5.8 | 5.0 - 6.8 | | 1,387 | 24.0 | 22.0 - 26.1 | | 1,253 |
| Papua | 7.0 | 5.9 - 8.3 | | 2,114 | 24.5 | 22.4 - 26.6 | | 1,861 |
| South Papua | 6.2 | 4.9 - 7.8 | | 987 | 27.5 | 25.0 - 30.2 | | 906 |
| Central Papua | 2.9 | 2.2 - 3.9 | | 3,304 | 21.4 | 18.0 - 25.4 | | 2,899 |
| Highland Papua | 2.2 | 1.6 - 2.9 | | 3,496 | 19.4 | 16.4 - 22.9 | | 3,061 |
| Indonesia | 8.0 | 7.9 - 8.1 | | 638,178 | 29.2 | 29.0 - 29.5 | | 598,983 |

Table 7. 35 Prevalence of Hypertension based on Doctor's Diagnosis and Measurement Result in Population Aged ≥ 15 by Characteristic, 2023 SKI

| Characteristic | Hypertension based on Doctor's Diagnosis | | | Hypertension based on Measurement result | | |
|--|--|-------------|------------|--|-------------|------------|
| | % | 95% CI | Weighted N | % | 95% CI | Weighted N |
| Age Range (Year) | | | | | | |
| 15-24 | 0.3 | 0.3 - 0.4 | 133,587 | 9.3 | 9.0 - 9.7 | 123,190 |
| 25-34 | 1.8 | 1.7 - 2.0 | 133,887 | 17.4 | 17.0 - 17.8 | 125,495 |
| 35-44 | 5.2 | 5.0 - 5.4 | 125,664 | 27.2 | 26.8 - 27.6 | 118,487 |
| 45-54 | 11.8 | 11.5 - 12.1 | 108,259 | 39.1 | 38.6 - 39.5 | 102,819 |
| 55-64 | 18.7 | 18.2 - 19.1 | 78,040 | 49.5 | 48.9 - 50.1 | 73,840 |
| 65-74 | 23.8 | 23.1 - 24.4 | 42,858 | 57.8 | 57.1 - 58.6 | 40,413 |
| 75+ | 26.1 | 25.0 - 27.3 | 15,882 | 64.0 | 62.8 - 65.2 | 14,741 |
| Sex | | | | | | |
| Male | 5.5 | 5.4 - 5.7 | 321,060 | 25.6 | 25.3 - 25.9 | 300,182 |
| Female | 10.5 | 10.3 - 10.7 | 317,118 | 32.8 | 32.6 - 33.1 | 298,801 |
| Education | | | | | | |
| Never attended school | 11.8 | 11.2 - 12.5 | 28,242 | 41.3 | 40.3 - 42.3 | 26,162 |
| Some primary school/Islamic primary school | 11.9 | 11.4 - 12.4 | 41,063 | 39.5 | 38.7 - 40.4 | 38,505 |
| Primary school/Islamic primary school graduate | 11.1 | 10.8 - 11.3 | 164,806 | 37.8 | 37.3 - 38.3 | 155,333 |
| Junior secondary school/Islamic junior secondary school graduate | 5.5 | 5.3 - 5.7 | 136,092 | 23.3 | 22.9 - 23.8 | 127,358 |
| Senior secondary school/Islamic senior secondary school graduate | 5.9 | 5.7 - 6.1 | 206,812 | 23.4 | 23.1 - 23.8 | 194,061 |
| D1/D2/D3/university graduate | 8.1 | 7.8 - 8.5 | 61,163 | 26.2 | 25.6 - 26.8 | 57,565 |
| Occupation | | | | | | |
| Unemployed | 11.6 | 11.4 - 11.9 | 190,053 | 34.1 | 33.7 - 34.5 | 177,933 |
| Student | 0.6 | 0.5 - 0.7 | 60,062 | 8.9 | 8.4 - 9.3 | 55,148 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 10.9 | 10.3 - 11.5 | 19,874 | 32.3 | 31.4 - 33.3 | 18,743 |
| Private employee | 4.9 | 4.6 - 5.2 | 72,773 | 22.0 | 21.4 - 22.6 | 68,622 |
| Self-employed | 7.3 | 7.0 - 7.6 | 97,402 | 29.5 | 28.9 - 30.0 | 91,879 |
| Farmer/farm worker | 8.1 | 7.9 - 8.4 | 102,975 | 35.7 | 35.2 - 36.2 | 97,328 |
| Fisher | 4.8 | 4.2 - 5.6 | 5,107 | 25.4 | 23.4 - 27.5 | 4,816 |
| Labor/driver/domestic help | 6.4 | 6.0 - 6.8 | 51,619 | 28.0 | 27.2 - 28.8 | 48,546 |
| Others | 10.2 | 9.8 - 10.7 | 38,313 | 32.8 | 32.1 - 33.6 | 35,966 |
| Residence | | | | | | |
| Urban | 9.1 | 8.9 - 9.3 | 374,080 | 29.7 | 29.4 - 30.0 | 351,063 |
| Rural | 6.5 | 6.3 - 6.6 | 264,098 | 28.5 | 28.1 - 28.9 | 247,920 |
| Economic Status | | | | | | |
| Lowest | 7.4 | 7.2 - 7.7 | 93,524 | 31.8 | 31.3 - 32.4 | 87,582 |
| Lower middle | 7.3 | 7.1 - 7.6 | 116,496 | 30.0 | 29.6 - 30.5 | 109,395 |
| Middle | 7.6 | 7.4 - 7.9 | 134,549 | 29.0 | 28.6 - 29.4 | 126,569 |
| Upper middle | 8.1 | 7.8 - 8.4 | 147,605 | 28.4 | 28.0 - 28.9 | 138,391 |
| Highest | 9.1 | 8.9 - 9.4 | 145,956 | 27.9 | 27.4 - 28.4 | 137,002 |

Table 7. 36 Prevalence of Hypertension based on Doctor's Diagnosis and Measurement Result in Population Aged ≥ 18 by Province, 2023 SKI

| Province | Hypertension based on Doctor's Diagnosis | | Weighted N | Hypertension based on measurement result | | Weighted N |
|---------------------|--|------------------|----------------|--|--------------------|----------------|
| | % | 95% CI | | % | 95% CI | |
| Aceh | 8.5 | 8.0 - 9.0 | 11,303 | 22.6 | 21.6 - 23.7 | 10,535 |
| North Sumatra | 4.7 | 4.4 - 5.1 | 31,588 | 25.4 | 24.4 - 26.4 | 29,989 |
| West Sumatra | 7.7 | 7.2 - 8.2 | 12,188 | 24.1 | 23.2 - 25.0 | 11,556 |
| Riau | 7.3 | 6.8 - 7.9 | 13,666 | 25.6 | 24.4 - 26.9 | 12,802 |
| Jambi | 5.7 | 5.2 - 6.2 | 7,754 | 23.6 | 22.3 - 24.9 | 7,352 |
| South Sumatra | 7.8 | 7.2 - 8.3 | 18,326 | 26.5 | 25.4 - 27.6 | 17,450 |
| Bengkulu | 7.4 | 6.8 - 8.0 | 4,418 | 24.8 | 23.6 - 26.1 | 4,233 |
| Lampung | 7.9 | 7.4 - 8.5 | 19,843 | 29.7 | 28.6 - 30.9 | 18,762 |
| Bangka Belitung | 9.5 | 8.8 - 10.3 | 3,243 | 27.3 | 25.9 - 28.6 | 3,073 |
| Riau Islands | 7.9 | 6.9 - 9.0 | 4,495 | 26.6 | 24.3 - 29.1 | 4,337 |
| DKI Jakarta | 13.4 | 12.6 - 14.3 | 23,778 | 30.9 | 29.4 - 32.6 | 22,146 |
| West Java | 10.7 | 10.2 - 11.1 | 108,082 | 34.4 | 33.6 - 35.2 | 101,352 |
| Central Java | 7.3 | 7.0 - 7.7 | 83,791 | 32.9 | 32.3 - 33.6 | 78,222 |
| DI Yogyakarta | 13.0 | 12.0 - 14.1 | 8,594 | 31.8 | 30.3 - 33.3 | 8,214 |
| East Java | 8.5 | 8.2 - 8.8 | 94,483 | 34.3 | 33.7 - 35.0 | 89,343 |
| Banten | 10.2 | 9.5 - 11.0 | 26,071 | 28.5 | 27.1 - 29.9 | 24,364 |
| Bali | 8.2 | 7.5 - 8.9 | 9,965 | 22.8 | 21.6 - 24.1 | 9,732 |
| West Nusa Tenggara | 7.3 | 6.5 - 8.1 | 11,495 | 25.9 | 24.6 - 27.3 | 10,767 |
| East Nusa Tenggara | 6.8 | 6.4 - 7.3 | 11,051 | 28.2 | 27.3 - 29.0 | 10,333 |
| West Kalimantan | 8.2 | 7.7 - 8.8 | 11,848 | 30.9 | 29.5 - 32.4 | 11,382 |
| Central Kalimantan | 8.6 | 7.8 - 9.3 | 5,887 | 40.7 | 39.1 - 42.3 | 5,477 |
| South Kalimantan | 8.8 | 8.3 - 9.4 | 8,847 | 35.8 | 34.7 - 37.0 | 8,277 |
| East Kalimantan | 11.9 | 11.1 - 12.9 | 8,410 | 30.9 | 29.4 - 32.4 | 8,027 |
| North Kalimantan | 7.7 | 6.7 - 8.8 | 1,546 | 29.8 | 27.6 - 32.1 | 1,481 |
| North Sulawesi | 12.9 | 12.1 - 13.7 | 5,929 | 29.2 | 27.9 - 30.5 | 5,497 |
| Central Sulawesi | 9.0 | 8.3 - 9.7 | 6,430 | 30.4 | 29.3 - 31.5 | 6,022 |
| South Sulawesi | 7.2 | 6.7 - 7.7 | 20,103 | 31.3 | 30.4 - 32.2 | 18,825 |
| South East Sulawesi | 5.8 | 5.3 - 6.3 | 5,535 | 29.3 | 28.1 - 30.6 | 5,192 |
| Gorontalo | 8.7 | 7.9 - 9.7 | 2,614 | 28.0 | 26.2 - 29.8 | 2,501 |
| West Sulawesi | 7.0 | 6.2 - 8.0 | 3,003 | 28.4 | 26.8 - 30.0 | 2,764 |
| Maluku | 4.7 | 4.2 - 5.2 | 3,994 | 27.3 | 25.8 - 28.9 | 3,813 |
| North Maluku | 4.8 | 4.3 - 5.4 | 2,729 | 22.0 | 20.7 - 23.4 | 2,435 |
| West Papua | 6.4 | 5.4 - 7.6 | 1,183 | 27.4 | 24.8 - 30.0 | 1,059 |
| Southwest Papua | 6.2 | 5.3 - 7.3 | 1,309 | 25.6 | 23.5 - 27.8 | 1,186 |
| Papua | 7.5 | 6.3 - 8.8 | 2,006 | 25.8 | 23.7 - 28.1 | 1,772 |
| South Papua | 6.7 | 5.3 - 8.5 | 922 | 28.9 | 26.2 - 31.7 | 851 |
| Central Papua | 3.1 | 2.3 - 4.1 | 3,179 | 21.6 | 18.0 - 25.6 | 2,804 |
| Highland Papua | 2.3 | 1.7 - 3.0 | 3,375 | 19.9 | 16.7 - 23.5 | 2,954 |
| Indonesia | 8.6 | 8.4 - 8.7 | 602,982 | 30.8 | 30.6 - 31.1 | 566,883 |

Table 7. 37 Prevalence of Hypertension based on Doctor's Diagnosis and Measurement Result in Population Aged ≥ 18 by Characteristic, 2023 SKI

| Characteristic | Hypertension based on Doctor's Diagnosis | | Weighted N | Hypertension based on measurement result | | Weighted N |
|--|--|-------------|------------|--|-------------|------------|
| | % | 95% CI | | % | 95% CI | |
| Age Range (Year) | | | | | | |
| 18-24 | 0.4 | 0.4 - 0.5 | 92,029 | 10.7 | 10.3 - 11.1 | 85,230 |
| 25-34 | 1.8 | 1.7 - 2.0 | 135,575 | 17.4 | 17.0 - 17.8 | 127,040 |
| 35-44 | 5.2 | 5.0 - 5.4 | 127,249 | 27.2 | 26.8 - 27.6 | 119,946 |
| 45-54 | 11.8 | 11.5 - 12.1 | 109,624 | 39.1 | 38.6 - 39.5 | 104,085 |
| 55-64 | 18.7 | 18.2 - 19.1 | 79,024 | 49.5 | 48.9 - 50.1 | 74,749 |
| 65-74 | 23.8 | 23.1 - 24.4 | 43,398 | 57.8 | 57.1 - 58.6 | 40,911 |
| 75+ | 26.1 | 25.0 - 27.3 | 16,083 | 64.0 | 62.8 - 65.2 | 14,922 |
| Sex | | | | | | |
| Male | 5.9 | 5.8 - 6.1 | 302,869 | 26.9 | 26.6 - 27.3 | 283,746 |
| Female | 11.2 | 11.0 - 11.4 | 300,113 | 34.7 | 34.4 - 35.0 | 283,137 |
| Education | | | | | | |
| Never attended school | 12.5 | 11.8 - 13.2 | 27,069 | 43.1 | 42.0 - 44.2 | 25,122 |
| Some primary school/Islamic primary school | 12.6 | 12.0 - 13.1 | 39,421 | 41.2 | 40.4 - 42.1 | 37,060 |
| Primary school/Islamic primary school graduate | 11.9 | 11.6 - 12.2 | 155,337 | 40.0 | 39.5 - 40.5 | 146,885 |
| Junior secondary school/Islamic junior secondary school graduate | 6.8 | 6.5 - 7.0 | 111,328 | 27.4 | 26.9 - 27.9 | 104,512 |
| Senior secondary school/Islamic senior secondary school graduate | 5.9 | 5.7 - 6.1 | 207,911 | 23.6 | 23.2 - 23.9 | 195,047 |
| D1/D2/D3/university graduate | 8.2 | 7.8 - 8.5 | 61,916 | 26.2 | 25.6 - 26.8 | 58,257 |
| Occupation | | | | | | |
| Unemployed | 12.1 | 11.9 - 12.4 | 184,730 | 35.2 | 34.8 - 35.6 | 173,195 |
| Student | 1.1 | 0.9 - 1.4 | 26,896 | 12.1 | 11.3 - 12.9 | 24,787 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 10.9 | 10.3 - 11.5 | 20,077 | 32.4 | 31.4 - 33.3 | 18,930 |
| Private employee | 4.9 | 4.6 - 5.2 | 73,350 | 22.1 | 21.4 - 22.7 | 69,140 |
| Self-employed | 7.3 | 7.0 - 7.6 | 98,335 | 29.6 | 29.0 - 30.1 | 92,723 |
| Farmer/farm worker | 8.1 | 7.9 - 8.4 | 103,995 | 35.7 | 35.3 - 36.2 | 98,276 |
| Fisher | 4.9 | 4.2 - 5.6 | 5,121 | 25.6 | 23.6 - 27.7 | 4,829 |
| Labor/driver/domestic help | 6.4 | 6.0 - 6.9 | 51,908 | 28.1 | 27.3 - 28.9 | 48,806 |
| Others | 10.3 | 9.8 - 10.8 | 38,570 | 33.0 | 32.2 - 33.7 | 36,197 |
| Residence | | | | | | |
| Urban | 9.7 | 9.5 - 9.9 | 353,902 | 31.3 | 31.0 - 31.7 | 332,695 |
| Rural | 6.9 | 6.8 - 7.1 | 249,080 | 30.1 | 29.7 - 30.5 | 234,188 |
| Economic Status | | | | | | |
| Lowest | 7.9 | 7.7 - 8.2 | 88,673 | 33.5 | 32.9 - 34.1 | 83,106 |
| Lower middle | 7.8 | 7.6 - 8.1 | 110,026 | 31.7 | 31.2 - 32.2 | 103,495 |
| Middle | 8.2 | 8.0 - 8.5 | 126,814 | 30.7 | 30.2 - 31.1 | 119,476 |
| Upper middle | 8.7 | 8.4 - 9.0 | 139,103 | 30.0 | 29.5 - 30.5 | 130,690 |
| Highest | 9.8 | 9.5 - 10.1 | 138,321 | 29.4 | 28.9 - 29.9 | 130,073 |

Table 7. 38 Proportion of Receiving Treatment Education and Taking Hypertension Medication in Population Aged ≥ 15 with Hypertension based on Doctor's Diagnosis by Province, 2023 SKI

| Province | Receiving Hypertension Treatment Education | Taking Anti-Hypertension Medication | | | Weighted N |
|---------------------|--|-------------------------------------|-------------|---------------|---------------|
| | | Regularly | Irregularly | No Medication | |
| Aceh | 63.4 | 40.1 | 50.8 | 9.1 | 1,000 |
| North Sumatra | 65.7 | 43.7 | 41.3 | 15.1 | 1,545 |
| West Sumatra | 76.4 | 43.5 | 39.4 | 17.1 | 975 |
| Riau | 70.3 | 40.6 | 43.0 | 16.4 | 1,037 |
| Jambi | 71.9 | 44.0 | 47.3 | 8.7 | 458 |
| South Sumatra | 69.0 | 46.9 | 39.6 | 13.4 | 1,479 |
| Bengkulu | 70.1 | 40.2 | 43.7 | 16.1 | 338 |
| Lampung | 61.3 | 36.3 | 42.0 | 21.7 | 1,632 |
| Bangka Belitung | 70.2 | 53.6 | 35.4 | 11.1 | 321 |
| Riau Islands | 74.0 | 59.8 | 29.3 | 10.9 | 368 |
| DKI Jakarta | 81.4 | 63.1 | 25.4 | 11.5 | 3,312 |
| West Java | 63.1 | 46.2 | 35.5 | 18.3 | 11,952 |
| Central Java | 54.6 | 39.8 | 37.3 | 23.0 | 6,397 |
| DI Yogyakarta | 68.5 | 52.9 | 24.0 | 23.1 | 1,162 |
| East Java | 62.8 | 45.7 | 36.1 | 18.2 | 8,349 |
| Banten | 74.5 | 44.6 | 39.6 | 15.8 | 2,760 |
| Bali | 79.9 | 62.9 | 26.9 | 10.2 | 848 |
| West Nusa Tenggara | 54.7 | 37.9 | 46.6 | 15.5 | 868 |
| East Nusa Tenggara | 67.3 | 48.1 | 33.2 | 18.7 | 780 |
| West Kalimantan | 71.8 | 46.4 | 39.6 | 14.0 | 1,013 |
| Central Kalimantan | 71.7 | 42.0 | 49.7 | 8.3 | 522 |
| South Kalimantan | 65.1 | 46.3 | 40.9 | 12.8 | 807 |
| East Kalimantan | 67.8 | 48.6 | 35.7 | 15.7 | 1,043 |
| North Kalimantan | 77.2 | 53.2 | 32.6 | 14.2 | 125 |
| North Sulawesi | 84.5 | 69.0 | 21.9 | 9.2 | 792 |
| Central Sulawesi | 69.9 | 48.8 | 36.8 | 14.4 | 599 |
| South Sulawesi | 67.1 | 53.3 | 34.6 | 12.1 | 1,506 |
| South East Sulawesi | 55.7 | 40.6 | 42.7 | 16.7 | 331 |
| Gorontalo | 70.3 | 52.5 | 36.4 | 11.0 | 237 |
| West Sulawesi | 62.1 | 47.1 | 40.0 | 12.8 | 219 |
| Maluku | 66.0 | 58.4 | 31.7 | 9.9 | 194 |
| North Maluku | 56.0 | 49.6 | 36.7 | 13.7 | 137 |
| West Papua | 74.4 | 46.6 | 40.7 | 12.6 | 79 |
| Southwest Papua | 68.8 | 53.4 | 28.4 | 18.2 | 85 |
| Papua | 69.4 | 43.2 | 35.8 | 21.1 | 156 |
| South Papua | 61.1 | 48.4 | 26.3 | 25.3 | 64 |
| Central Papua | 64.7 | 43.7 | 41.1 | 15.2 | 102 |
| Highland Papua | 71.4 | 20.9 | 62.4 | 16.7 | 79 |
| INDONESIA | 65.8 | 46.7 | 36.4 | 16.9 | 53,668 |

Table 7. 39 Proportion of Receiving Treatment Education and Taking Hypertension Medication in Population Aged ≥ 15 with Hypertension based on Doctor's Diagnosis by Characteristic, 2023 SKI

| Characteristic | Receiving Hypertension Treatment Education | Taking Anti-Hypertension Medication | | | Weighted N |
|--|--|-------------------------------------|-------------|---------------|------------|
| | | Regularly | Irregularly | No Medication | |
| Age Range (Year) | | | | | |
| 15-24 | 39.2 | 19.7 | 28.7 | 51.6 | 460 |
| 25-34 | 53.8 | 27.5 | 42.6 | 29.9 | 2557 |
| 35-44 | 60.0 | 37.9 | 37.9 | 24.2 | 6829 |
| 45-54 | 66.3 | 44.8 | 38.7 | 16.5 | 13,449 |
| 55-64 | 69.1 | 50.5 | 35.7 | 13.9 | 15,314 |
| 65-74 | 68.3 | 53.9 | 32.7 | 13.5 | 10,696 |
| 75+ | 65.4 | 49.5 | 36.0 | 14.6 | 4,362 |
| Sex | | | | | |
| Male | 66.5 | 46.3 | 35.4 | 18.3 | 18,675 |
| Female | 65.5 | 46.9 | 36.9 | 16.2 | 34,993 |
| Education | | | | | |
| Never attended school | 56.1 | 38.1 | 43.5 | 18.4 | 3,508 |
| Some primary school/Islamic primary school | 60.7 | 42.1 | 41.1 | 16.8 | 5,137 |
| Primary school/Islamic primary school graduate | 61.4 | 43.3 | 39.3 | 17.4 | 19,161 |
| Junior secondary school/Islamic junior secondary school graduate | 67.3 | 45.1 | 37.7 | 17.1 | 7,850 |
| Senior secondary school/Islamic senior secondary school graduate | 70.8 | 51.6 | 31.3 | 17.1 | 12,775 |
| D1/D2/D3/university graduate | 79.2 | 59.7 | 26.9 | 13.4 | 5,236 |
| Occupation | | | | | |
| Unemployed | 66.7 | 48.8 | 35.6 | 15.6 | 23,220 |
| Student | 61.8 | 38.0 | 27.6 | 34.4 | 348 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 78.7 | 56.8 | 32.8 | 10.3 | 2,274 |
| Private employee | 70.9 | 47.3 | 32.3 | 20.4 | 3,749 |
| Self-employed | 66.7 | 46.1 | 35.9 | 18.0 | 7,456 |
| Farmer/farm worker | 57.9 | 37.6 | 42.7 | 19.7 | 8,774 |
| Fisher | 64.2 | 37.0 | 43.7 | 19.4 | 259 |
| Labor/driver/domestic help | 59.6 | 41.7 | 37.5 | 20.7 | 3,471 |
| Others | 69.8 | 54.2 | 33.7 | 12.0 | 4,117 |
| Residence | | | | | |
| Urban | 68.8 | 50.4 | 33.3 | 16.3 | 35,738 |
| Rural | 59.9 | 39.3 | 42.6 | 18.1 | 17,930 |
| Economic Status | | | | | |
| Lowest | 54.9 | 36.1 | 41.7 | 22.2 | 7,305 |
| Lower middle | 58.7 | 40.9 | 40.6 | 18.5 | 8,958 |
| Middle | 62.8 | 43.2 | 39.7 | 17.2 | 10,814 |
| Upper middle | 68.0 | 48.1 | 35.7 | 16.2 | 12,556 |
| Highest | 76.4 | 57.3 | 29.1 | 13.5 | 14,031 |

Table 7. 40 Proportion of Main Reasons for Non-Compliance with Hypertension Treatment in Population Aged ≥ 15 with Irregular Hypertension or Not Taking Hypertension Medication by Province, 2023 SKI

| Province | Main Reasons for Non-Compliance with Hypertension Treatment (%) | | | | | | | Weighted N |
|---------------------|---|-------------|-----------------------------|-----------------------------|-------------------|-----------------------------|------------|---------------|
| | Feeling Well | No Medicine | Cannot tolerate side effect | Taking traditional medicine | Bored/lazy/forgot | Taken only during pregnancy | Others | |
| Aceh | 67.7 | 1.2 | 2.6 | 12.3 | 14.9 | 0.2 | 1.2 | 584 |
| North Sumatra | 51.6 | 2.0 | 3.1 | 11.9 | 28.9 | 1.2 | 1.4 | 849 |
| West Sumatra | 48.5 | 1.8 | 6.1 | 12.6 | 28.3 | 0.9 | 1.7 | 538 |
| Riau | 53.6 | 1.4 | 2.8 | 12.2 | 27.8 | 0.3 | 1.9 | 601 |
| Jambi | 51.2 | 2.3 | 3.2 | 12.6 | 29.2 | 0.4 | 1.0 | 250 |
| South Sumatra | 57.2 | 2.6 | 5.0 | 11.1 | 21.0 | 0.6 | 2.5 | 766 |
| Bengkulu | 56.0 | 2.1 | 4.2 | 12.5 | 22.8 | 0.9 | 1.4 | 197 |
| Lampung | 69.4 | 2.0 | 3.6 | 7.5 | 15.6 | 0.5 | 1.5 | 1,014 |
| Bangka Belitung | 50.0 | 2.8 | 5.3 | 12.0 | 28.3 | 1.1 | 0.5 | 145 |
| Riau Islands | 41.2 | 2.0 | 13.0 | 12.1 | 29.2 | 1.1 | 1.4 | 144 |
| DKI Jakarta | 49.5 | 3.0 | 6.2 | 3.4 | 33.3 | 3.1 | 1.5 | 1,192 |
| West Java | 64.9 | 2.8 | 3.1 | 6.3 | 18.1 | 2.1 | 2.8 | 6,267 |
| Central Java | 70.0 | 2.3 | 3.5 | 6.2 | 14.0 | 1.6 | 2.5 | 3,758 |
| DI Yogyakarta | 67.5 | 1.8 | 4.5 | 5.3 | 14.8 | 3.0 | 3.2 | 534 |
| East Java | 70.5 | 2.2 | 3.2 | 5.2 | 14.4 | 1.5 | 3.1 | 4,423 |
| Banten | 65.3 | 1.1 | 3.5 | 4.2 | 20.4 | 0.7 | 4.9 | 1,492 |
| Bali | 72.3 | 1.4 | 5.0 | 3.7 | 13.9 | 0.1 | 3.6 | 306 |
| West Nusa Tenggara | 66.1 | 3.2 | 0.8 | 10.2 | 16.1 | 1.0 | 2.7 | 526 |
| East Nusa Tenggara | 42.2 | 3.8 | 3.6 | 16.4 | 28.3 | 1.7 | 4.0 | 395 |
| West Kalimantan | 49.3 | 1.5 | 3.3 | 13.3 | 30.3 | 0.8 | 1.5 | 530 |
| Central Kalimantan | 63.9 | 2.1 | 2.9 | 5.0 | 22.9 | 0.0 | 3.2 | 295 |
| South Kalimantan | 64.3 | 2.2 | 2.9 | 5.2 | 21.0 | 1.9 | 2.5 | 422 |
| East Kalimantan | 53.9 | 1.8 | 4.7 | 10.9 | 25.6 | 0.9 | 2.1 | 523 |
| North Kalimantan | 58.5 | 2.5 | 5.9 | 6.2 | 23.6 | 1.5 | 1.9 | 57 |
| North Sulawesi | 56.4 | 2.0 | 3.2 | 10.9 | 25.1 | 0.7 | 1.7 | 240 |
| Central Sulawesi | 56.5 | 4.2 | 1.8 | 10.7 | 20.4 | 1.0 | 5.4 | 300 |
| South Sulawesi | 54.5 | 3.7 | 4.6 | 15.1 | 18.1 | 0.8 | 3.2 | 686 |
| South East Sulawesi | 50.1 | 1.6 | 2.3 | 21.2 | 22.6 | 0.4 | 1.7 | 192 |
| Sulawesi Gorontalo | 54.9 | 2.3 | 3.4 | 10.3 | 27.8 | 0.1 | 1.2 | 110 |
| West Sulawesi | 51.9 | 2.4 | 2.5 | 28.6 | 9.9 | 0.0 | 4.6 | 113 |
| Maluku | 44.0 | 3.3 | 3.6 | 20.6 | 26.1 | 1.2 | 1.2 | 79 |
| North Maluku | 57.1 | 3.3 | 2.5 | 16.1 | 16.3 | 1.4 | 3.3 | 67 |
| West Papua | 39.5 | 2.4 | 2.0 | 17.3 | 34.7 | 0.3 | 3.9 | 41* |
| Southwest Papua | 44.1 | 1.9 | 3.2 | 18.3 | 31.2 | 0.0 | 1.3 | 39* |
| Papua | 46.9 | 1.5 | 6.4 | 15.8 | 26.3 | 0.0 | 3.1 | 86 |
| South Papua | 47.0 | 5.5 | 3.6 | 16.9 | 24.9 | 1.0 | 1.1 | 32* |
| Central Papua | 46.4 | 4.2 | 2.9 | 13.8 | 25.8 | 0.0 | 6.9 | 56 |
| Highland Papua | 17.0 | 3.9 | 0.0 | 47.7 | 30.6 | 0.0 | 0.8 | 61 |
| INDONESIA | 62.8 | 2.3 | 3.5 | 7.9 | 19.3 | 1.4 | 2.7 | 27,908 |

*Weighted N < 50.

Table 7. 41 Proportion of Main Reasons for Non-Compliance with Hypertension Treatment in Population Aged ≥ 15 with Irregular Hypertension or Not Taking Hypertension Medication by Characteristic, 2023 SKI

| Characteristic | Main Reasons for Non-Compliance with Hypertension Treatment (%) | | | | | | | Weighted N |
|--|---|-------------|-----------------------------|-----------------------------|-------------------|-----------------------------|--------|------------|
| | Feeling Well | No medicine | Cannot tolerate side effect | Taking traditional medicine | Bored/lazy/forgot | Taken only during pregnancy | Others | |
| Age Range (Year) | | | | | | | | |
| 15-24 | 65.6 | 4.9 | 5.1 | 2.8 | 11.5 | 8.4 | 1.7 | 360 |
| 25-34 | 59.6 | 3.8 | 3.8 | 5.3 | 15.2 | 9.7 | 2.6 | 1,807 |
| 35-44 | 63.4 | 2.6 | 4.6 | 7.9 | 16.4 | 3.5 | 1.6 | 4,135 |
| 45-54 | 63.3 | 2.2 | 3.5 | 9.2 | 19.1 | 0.5 | 2.2 | 7,244 |
| 55-64 | 63.4 | 1.9 | 3.5 | 8.1 | 20.5 | 0.1 | 2.5 | 7,398 |
| 65-74 | 62.7 | 2.2 | 2.9 | 7.4 | 21.1 | 0.1 | 3.7 | 4,813 |
| 75+ | 60.8 | 2.6 | 2.6 | 6.7 | 22.7 | 0.0 | 4.5 | 2,150 |
| Sex | | | | | | | | |
| Male | 63.9 | 2.4 | 3.0 | 8.1 | 20.1 | 0.1 | 2.4 | 9,787 |
| Female | 62.3 | 2.3 | 3.8 | 7.7 | 19.0 | 2.2 | 2.8 | 18,121 |
| Education | | | | | | | | |
| Never attended school | 64.5 | 2.0 | 2.8 | 6.6 | 19.1 | 0.3 | 4.6 | 2,118 |
| Some primary school/Islamic primary school | 62.5 | 2.4 | 3.9 | 6.4 | 21.3 | 0.2 | 3.2 | 2,902 |
| Primary school/Islamic primary school graduate | 64.6 | 2.4 | 2.7 | 8.1 | 18.3 | 0.7 | 3.3 | 10,601 |
| Junior secondary school/Islamic junior secondary school graduate | 63.1 | 2.3 | 4.3 | 7.2 | 19.0 | 2.1 | 2.0 | 4,202 |
| Senior secondary school/Islamic senior secondary school graduate | 61.5 | 2.6 | 4.1 | 8.0 | 19.9 | 2.4 | 1.4 | 6,027 |
| D1/D2/D3/university graduate | 56.0 | 1.4 | 5.3 | 10.7 | 21.4 | 3.7 | 1.5 | 2,058 |
| Occupation | | | | | | | | |
| Unemployed | 60.8 | 2.5 | 4.1 | 7.2 | 19.7 | 2.4 | 3.2 | 11,588 |
| Student | 68.6 | 2.5 | 5.1 | 9.9 | 11.8 | 1.1 | 1.0 | 211 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 57.1 | 2.4 | 2.9 | 12.3 | 23.3 | 0.6 | 1.3 | 958 |
| Private employee | 62.5 | 2.1 | 4.6 | 6.9 | 20.2 | 2.0 | 1.6 | 1,928 |
| Self-employed | 66.3 | 2.5 | 3.5 | 6.4 | 19.2 | 0.8 | 1.3 | 3,918 |
| Farmer/farm worker | 65.9 | 2.1 | 2.2 | 9.1 | 17.5 | 0.2 | 2.9 | 5,337 |
| Fisher | 58.6 | 2.1 | 2.3 | 9.0 | 25.3 | 0.0 | 2.7 | 159 |
| Labor/driver/domestic help | 65.8 | 2.2 | 3.7 | 6.9 | 17.8 | 0.4 | 3.1 | 1,972 |
| Others | 58.9 | 1.7 | 3.4 | 10.9 | 21.7 | 1.0 | 2.5 | 1,837 |
| Residence | | | | | | | | |
| Urban | 62.2 | 2.3 | 4.1 | 7.1 | 20.1 | 1.7 | 2.6 | 17,291 |
| Rural | 63.9 | 2.4 | 2.7 | 9.1 | 18.1 | 1.0 | 2.8 | 10,617 |
| Economic Status | | | | | | | | |
| Lowest | 62.6 | 2.7 | 2.2 | 9.1 | 17.7 | 0.7 | 5.1 | 4,550 |
| Lower middle | 61.9 | 2.2 | 2.8 | 8.2 | 20.2 | 1.3 | 3.4 | 5,165 |
| Middle | 64.5 | 2.8 | 3.7 | 7.6 | 17.7 | 1.3 | 2.4 | 5,997 |
| Upper middle | 63.2 | 2.1 | 4.2 | 7.3 | 20.1 | 1.4 | 1.7 | 6,357 |
| Highest | 61.7 | 1.8 | 4.4 | 7.5 | 20.8 | 2.3 | 1.5 | 5,839 |

Table 7. 42 Proportion of Hypertension Recheck/Control at Health Service Facilities in Population Aged ≥ 15 with Hypertension based on Doctor's Diagnosis by Province, 2023 SKI

| Province | Hypertension Recheck/Control at Health Facilities | | | Weighted N |
|---------------------|--|--------------|-------------|---------------|
| | Regularly | Occasionally | Disobeyed | |
| Aceh | 37.8 | 52.5 | 9.7 | 1,000 |
| North Sumatra | 38.1 | 46.4 | 15.5 | 1,545 |
| West Sumatra | 43.8 | 39.3 | 16.9 | 975 |
| Riau | 42.5 | 42.3 | 15.2 | 1,037 |
| Jambi | 40.8 | 50.4 | 8.8 | 458 |
| South Sumatra | 44.2 | 42.9 | 13.0 | 1,479 |
| Bengkulu | 37.9 | 46.3 | 15.7 | 338 |
| Lampung | 35.0 | 45.4 | 19.6 | 1,632 |
| Bangka Belitung | 49.0 | 37.4 | 13.6 | 321 |
| Riau Islands | 57.1 | 31.8 | 11.1 | 368 |
| DKI Jakarta | 55.8 | 27.5 | 16.7 | 3,312 |
| West Java | 40.7 | 38.3 | 21.0 | 11,952 |
| Central Java | 39.0 | 36.8 | 24.3 | 6,397 |
| DI Yogyakarta | 50.8 | 23.7 | 25.5 | 1,162 |
| East Java | 41.8 | 37.5 | 20.7 | 8,349 |
| Banten | 45.4 | 37.0 | 17.6 | 2,760 |
| Bali | 59.7 | 29.6 | 10.7 | 848 |
| West Nusa Tenggara | 37.5 | 47.4 | 15.1 | 868 |
| East Nusa Tenggara | 40.5 | 39.2 | 20.3 | 780 |
| West Kalimantan | 44.2 | 43.4 | 12.4 | 1,013 |
| Central Kalimantan | 40.5 | 47.4 | 12.2 | 522 |
| South Kalimantan | 44.3 | 43.9 | 11.8 | 807 |
| East Kalimantan | 47.3 | 34.1 | 18.6 | 1,043 |
| North Kalimantan | 51.3 | 37.8 | 10.9 | 125 |
| North Sulawesi | 57.4 | 31.8 | 10.8 | 792 |
| Central Sulawesi | 43.2 | 39.2 | 17.6 | 599 |
| South Sulawesi | 48.3 | 38.4 | 13.3 | 1,506 |
| South East Sulawesi | 38.3 | 46.0 | 15.7 | 331 |
| Sulawesi Gorontalo | 47.4 | 38.5 | 14.1 | 237 |
| West Sulawesi | 39.5 | 46.5 | 13.9 | 219 |
| Maluku | 49.3 | 37.8 | 13.0 | 194 |
| North Maluku | 39.8 | 44.7 | 15.5 | 137 |
| West Papua | 42.2 | 40.3 | 17.4 | 79 |
| Southwest Papua | 45.8 | 38.4 | 15.8 | 85 |
| Papua | 42.7 | 35.8 | 21.5 | 156 |
| South Papua | 42.9 | 38.8 | 18.3 | 64 |
| Central Papua | 41.6 | 38.0 | 20.4 | 102 |
| Highland Papua | 20.4 | 25.7 | 53.9 | 79 |
| INDONESIA | 43.1 | 38.2 | 18.7 | 53,668 |

Table 7. 43 Proportion of Hypertension Recheck/Control at Health Service Facilities in Population Aged ≥ 15 with Hypertension based on Doctor's Diagnosis by Characteristic, 2023 SKI

| Characteristic | Hypertension Recheck/Control at Health Service Facilities (%) | | | Weighted N |
|--|---|--------------|-----------|------------|
| | Regularly | Occasionally | Disobeyed | |
| Age Range (Year) | | | | |
| 15-24 | 18.2 | 33.6 | 48.2 | 460 |
| 25-34 | 24.1 | 40.6 | 35.3 | 2,557 |
| 35-44 | 35.6 | 40.4 | 24.0 | 6,829 |
| 45-54 | 42.3 | 39.1 | 18.5 | 13,449 |
| 55-64 | 45.9 | 37.7 | 16.3 | 15,314 |
| 65-74 | 49.5 | 35.8 | 14.6 | 10,696 |
| 75+ | 45.5 | 38.0 | 16.5 | 4,362 |
| Sex | | | | |
| Male | 40.8 | 38.0 | 21.2 | 18,675 |
| Female | 44.4 | 38.3 | 17.4 | 34,993 |
| Education | | | | |
| Never attended school | 34.6 | 46.9 | 18.5 | 3,508 |
| Some primary school/Islamic primary school | 38.4 | 43.5 | 18.1 | 5,137 |
| Primary school/Islamic primary school graduate | 39.1 | 41.5 | 19.4 | 19,161 |
| Junior secondary school/Islamic junior secondary school graduate | 44.1 | 37.3 | 18.6 | 7,850 |
| Senior secondary school/Islamic senior secondary school graduate | 47.0 | 33.4 | 19.5 | 12,775 |
| D1/D2/D3/university graduate | 57.1 | 27.8 | 15.1 | 5,236 |
| Occupation | | | | |
| Unemployed | 45.6 | 37.1 | 17.3 | 23,220 |
| Student | 35.6 | 28.3 | 36.1 | 348 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 56.2 | 31.2 | 12.6 | 2,274 |
| Private employee | 44.1 | 33.0 | 22.8 | 3,749 |
| Self-employed | 42.0 | 37.6 | 20.4 | 7,456 |
| Farmer/farm worker | 34.2 | 45.0 | 20.8 | 8,774 |
| Fisher | 34.8 | 47.3 | 17.9 | 259 |
| Labor/driver/domestic help | 35.0 | 41.9 | 23.0 | 3,471 |
| Others | 50.2 | 36.2 | 13.6 | 4,117 |
| Residence | | | | |
| Urban | 46.2 | 35.2 | 18.7 | 35,738 |
| Rural | 37.0 | 44.2 | 18.8 | 17,930 |
| Economic Status | | | | |
| Lowest | 32.3 | 44.6 | 23.1 | 7,305 |
| Lower middle | 36.8 | 42.9 | 20.3 | 8,958 |
| Middle | 39.1 | 41.7 | 19.2 | 10,814 |
| Upper middle | 44.7 | 37.3 | 18.0 | 12,556 |
| Highest | 54.5 | 29.9 | 15.6 | 14,031 |

Table 7. 44 Proportion of Controlled Hypertension in Population Aged ≥ 15 with Hypertension based on Doctor's Diagnosis by Province, 2023 SKI

| Province | Controlled Hypertension | | Weighted N |
|---------------------|-------------------------|--------------------|---------------|
| | % | 95% CI | |
| Aceh | 23.5 | 20.7 - 26.4 | 948 |
| North Sumatra | 18.4 | 15.6 - 21.5 | 1,485 |
| West Sumatra | 20.8 | 18.5 - 23.3 | 935 |
| Riau | 17.5 | 15.0 - 20.4 | 992 |
| Jambi | 17.0 | 13.9 - 20.6 | 434 |
| South Sumatra | 17.6 | 15.4 - 20.0 | 1,436 |
| Bengkulu | 14.8 | 12.3 - 17.7 | 332 |
| Lampung | 14.3 | 11.9 - 17.0 | 1,570 |
| Bangka Belitung | 18.6 | 16.0 - 21.5 | 304 |
| Riau Islands | 28.8 | 23.8 - 34.4 | 359 |
| DKI Jakarta | 25.6 | 22.8 - 28.7 | 3,138 |
| West Java | 19.1 | 17.3 - 21.0 | 11,437 |
| Central Java | 14.5 | 13.1 - 16.1 | 6,122 |
| DI Yogyakarta | 26.7 | 23.5 - 30.2 | 1,116 |
| East Java | 16.3 | 15.0 - 17.7 | 7,945 |
| Banten | 17.5 | 15.0 - 20.4 | 2,655 |
| Bali | 28.2 | 24.9 - 31.8 | 828 |
| West Nusa Tenggara | 14.9 | 12.4 - 17.7 | 844 |
| East Nusa Tenggara | 22.0 | 19.6 - 24.7 | 730 |
| West Kalimantan | 15.0 | 12.6 - 17.8 | 973 |
| Central Kalimantan | 12.6 | 10.3 - 15.2 | 493 |
| South Kalimantan | 14.4 | 12.2 - 16.9 | 772 |
| East Kalimantan | 26.2 | 22.7 - 29.9 | 1,005 |
| North Kalimantan | 18.6 | 14.0 - 24.4 | 118 |
| North Sulawesi | 34.9 | 32.2 - 37.7 | 727 |
| Central Sulawesi | 21.9 | 19.2 - 24.8 | 568 |
| South Sulawesi | 20.9 | 18.0 - 24.2 | 1,419 |
| South East Sulawesi | 17.5 | 14.8 - 20.6 | 319 |
| Sulawesi Gorontalo | 21.0 | 17.7 - 24.8 | 232 |
| West Sulawesi | 25.0 | 19.9 - 30.9 | 208 |
| Maluku | 16.5 | 12.7 - 21.1 | 186 |
| North Maluku | 21.9 | 17.4 - 27.2 | 129 |
| West Papua | 18.8 | 12.8 - 26.8 | 75 |
| Southwest Papua | 20.9 | 15.2 - 28.1 | 79 |
| Papua | 29.1 | 23.3 - 35.6 | 146 |
| South Papua | 28.7 | 20.7 - 38.4 | 61 |
| Central Papua | 39.7 | 32.7 - 47.2 | 92 |
| Highland Papua | 23.8 | 16.2 - 33.6 | 79 |
| INDONESIA | 18.9 | 18.3 - 19.5 | 51,292 |

Table 7. 45 Proportion of Controlled Hypertension in Population Aged ≥ 15 with Hypertension based on Doctor's Diagnosis by Characteristic, 2023 SKI

| Characteristic | Controlled Hypertension | | Weighted N |
|--|-------------------------|-------------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| 15-24 | 52.5 | 43.0 - 61.9 | 437 |
| 25-34 | 33.6 | 29.8 - 37.7 | 2,448 |
| 35-44 | 19.9 | 18.3 - 21.6 | 6,565 |
| 45-54 | 17.8 | 16.7 - 18.9 | 12,935 |
| 55-64 | 17.2 | 16.3 - 18.2 | 14,652 |
| 65-74 | 18.8 | 17.6 - 20.0 | 10,165 |
| 75+ | 15.2 | 13.4 - 17.2 | 4,090 |
| Sex | | | |
| Male | 21.9 | 20.8 - 23.0 | 17,838 |
| Female | 17.4 | 16.7 - 18.1 | 33,454 |
| Education | | | |
| Never attended school | 12.9 | 11.4 - 14.7 | 3,314 |
| Some primary school/Islamic primary school | 14.3 | 12.7 - 16.0 | 4,885 |
| Primary school/Islamic primary school graduate | 15.1 | 14.3 - 16.1 | 18,337 |
| Junior secondary school/Islamic junior secondary school graduate | 19.6 | 18.1 - 21.3 | 7,519 |
| Senior secondary school/Islamic senior secondary school graduate | 24.4 | 23.1 - 25.7 | 12,222 |
| D1/D2/D3/university graduate | 27.0 | 24.9 - 29.2 | 5,015 |
| Occupation | | | |
| Unemployed | 18.2 | 17.3 - 19.1 | 22,055 |
| Student | 20.2 | 13.7 - 28.6 | 333 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 22.1 | 19.8 - 24.6 | 2,176 |
| Private employee | 25.9 | 23.1 - 29.0 | 3,625 |
| Self-employed | 20.3 | 18.8 - 22.0 | 7,187 |
| Farmer/farm worker | 15.1 | 14.0 - 16.1 | 8,430 |
| Fisher | 18.6 | 12.5 - 26.8 | 249 |
| Labor/driver/domestic help | 19.2 | 16.7 - 22.0 | 3,325 |
| Others | 20.2 | 18.4 - 22.1 | 3,913 |
| Residence | | | |
| Urban | 21.0 | 20.3 - 21.8 | 34,130 |
| Rural | 14.7 | 13.9 - 15.6 | 17,162 |
| Economic Status | | | |
| Lowest | 14.2 | 12.9 - 15.5 | 6,964 |
| Lower middle | 15.5 | 14.4 - 16.7 | 8,588 |
| Middle | 16.9 | 15.6 - 18.3 | 10,368 |
| Upper middle | 19.2 | 18.0 - 20.5 | 11,980 |
| Highest | 24.9 | 23.6 - 26.3 | 13,387 |

7.1. STROKE

- a. Stroke prevalence.

Stroke prevalence is the prevalence of stroke based on a doctor's diagnosis in residents aged ≥ 15 years old (per mile).

$$\text{Stroke prevalence according to doctor's diagnosis} = \frac{\text{Household members aged } \geq 15 \text{ years old who have been diagnosed with stroke by a doctor}}{\text{Household members aged } \geq 15 \text{ years old that were interviewed}}$$

- b. Proportion of stroke recheck/control at health service facilities.

Proportion of stroke recheck/control at health service facilities is the proportion of people aged ≥ 15 years old having a stroke rechecked/controlled at a health service facility based on a doctor's diagnosis (percent).

$$\text{Proportion of stroke control to health facilities} = \frac{\text{Household members aged } \geq 15 \text{ years old who were stroke rechecked (controlled) to health facilities}}{\text{Household members aged } \geq 15 \text{ years old who have been diagnosed with stroke by a doctor}}$$

Table 7. 46 Prevalence of Stroke (per mile) based on Doctor's Diagnosis in Population Aged ≥ 15 by Province, 2023 SKI

| Province | Stroke based on Doctor's Diagnosis | | | Weighted N | |
|---------------------|------------------------------------|------------|----------|------------|----------------|
| | % | 95% CI (%) | | | |
| Aceh | 8.8 | 7.5 | - | 10.3 | 12,053 |
| North Sumatra | 6.6 | 5.5 | - | 8.1 | 33,884 |
| West Sumatra | 8.8 | 7.5 | - | 10.3 | 13,042 |
| Riau | 7.7 | 6.2 | - | 9.5 | 14,599 |
| Jambi | 5.0 | 3.8 | - | 6.5 | 8,242 |
| South Sumatra | 6.3 | 5.2 | - | 7.7 | 19,474 |
| Bengkulu | 6.0 | 4.4 | - | 8.0 | 4,687 |
| Lampung | 7.9 | 6.4 | - | 9.7 | 21,021 |
| Bangka Belitung | 9.5 | 7.7 | - | 11.9 | 3,451 |
| Riau Islands | 8.9 | 6.0 | - | 13.1 | 4,780 |
| DKI Jakarta | 10.7 | 8.5 | - | 13.5 | 24,981 |
| West Java | 10.0 | 8.8 | - | 11.3 | 114,619 |
| Central Java | 8.4 | 7.4 | - | 9.4 | 88,180 |
| DI Yogyakarta | 11.4 | 9.0 | - | 14.4 | 8,988 |
| East Java | 9.0 | 8.1 | - | 10.0 | 98,738 |
| Banten | 7.3 | 5.4 | - | 9.7 | 27,784 |
| Bali | 6.2 | 4.8 | - | 8.0 | 10,476 |
| West Nusa Tenggara | 6.6 | 5.1 | - | 8.5 | 12,186 |
| East Nusa Tenggara | 5.9 | 4.9 | - | 7.1 | 11,853 |
| West Kalimantan | 7.4 | 6.0 | - | 9.0 | 12,637 |
| Central Kalimantan | 6.3 | 4.8 | - | 8.2 | 6,286 |
| South Kalimantan | 9.5 | 8.0 | - | 11.2 | 9,352 |
| East Kalimantan | 10.0 | 8.0 | - | 12.6 | 8,929 |
| North Kalimantan | 5.9 | 3.9 | - | 8.7 | 1,654 |
| North Sulawesi | 11.3 | 9.3 | - | 13.8 | 6,239 |
| Central Sulawesi | 7.5 | 6.0 | - | 9.3 | 6,851 |
| South Sulawesi | 7.9 | 6.7 | - | 9.4 | 21,459 |
| South East Sulawesi | 6.6 | 5.3 | - | 8.2 | 5,977 |
| Sulawesi Gorontalo | 8.0 | 6.0 | - | 10.6 | 2,762 |
| West Sulawesi | 4.8 | 3.3 | - | 7.0 | 3,212 |
| Maluku | 5.0 | 3.7 | - | 6.6 | 4,299 |
| North Maluku | 4.5 | 3.3 | - | 6.1 | 2,938 |
| West Papua | 4.8 | 2.7 | - | 8.5 | 1,259 |
| Southwest Papua | 6.6 | 3.3 | - | 13.0 | 1,387 |
| Papua | 3.7 | 2.3 | - | 6.1 | 2,114 |
| South Papua | 4.8 | 2.7 | - | 8.5 | 987 |
| Central Papua | 2.0 | 1.0 | - | 4.0 | 3,304 |
| Highland Papua | 0.9 | 0.3 | - | 2.9 | 3,496 |
| INDONESIA | 8.3 | 8.0 | - | 8.7 | 638,178 |

Table 7.47 Prevalence of Stroke(per mile) based on Doctor's Diagnosis in Population Aged ≥ 15 by Characteristic, 2023 SKI

| Characteristic | Stroke based on Doctor's Diagnosis | | | Weighted N | |
|--|------------------------------------|------------|---|------------|---------|
| | % | 95% CI (%) | | | |
| Age Range (Year) | | | | | |
| 15-24 | 0.1 | 0.0 | - | 0.4 | 133,587 |
| 25-34 | 0.5 | 0.3 | - | 0.8 | 133,887 |
| 35-44 | 2.0 | 1.6 | - | 2.5 | 125,664 |
| 45-54 | 8.9 | 8.1 | - | 9.7 | 108,259 |
| 55-64 | 23.6 | 22.0 | - | 25.3 | 78,040 |
| 65-74 | 35.4 | 32.5 | - | 38.4 | 42,858 |
| 75+ | 41.3 | 36.4 | - | 46.7 | 15,882 |
| Sex | | | | | |
| Male | 8.8 | 8.3 | - | 9.3 | 321,060 |
| Female | 7.9 | 7.4 | - | 8.4 | 317,118 |
| Education | | | | | |
| Never attended school | 14.3 | 12.3 | - | 16.6 | 28,242 |
| Some primary school/Islamic primary school | 13.1 | 11.5 | - | 14.8 | 41,063 |
| Primary school/Islamic primary school graduate | 11.7 | 10.9 | - | 12.6 | 164,806 |
| Junior secondary school/Islamic junior secondary school graduate | 5.1 | 4.6 | - | 5.7 | 136,092 |
| Senior secondary school/Islamic senior secondary school graduate | 5.7 | 5.2 | - | 6.2 | 206,812 |
| D1/D2/D3/university graduate | 9.1 | 7.9 | - | 10.5 | 61,163 |
| Occupation | | | | | |
| Unemployed | 14.2 | 13.4 | - | 15.2 | 190,053 |
| Student | 0.5 | 0.3 | - | 0.8 | 60,062 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 12.1 | 10.2 | - | 14.4 | 19,874 |
| Private employee | 3.0 | 2.4 | - | 3.7 | 72,773 |
| Self-employed | 6.5 | 5.7 | - | 7.3 | 97,402 |
| Farmer/farm worker | 7.0 | 6.3 | - | 7.7 | 102,975 |
| Fisher | 7.3 | 5.1 | - | 10.6 | 5,107 |
| Labor/driver/domestic help | 6.2 | 4.9 | - | 7.8 | 51,619 |
| Others | 10.7 | 9.3 | - | 12.3 | 38,313 |
| Residence | | | | | |
| Urban | 9.7 | 9.2 | - | 10.2 | 374,080 |
| Rural | 6.4 | 5.9 | - | 6.9 | 264,098 |
| Economic Status | | | | | |
| Lowest | 8.1 | 7.3 | - | 9.0 | 93,524 |
| Lower middle | 7.9 | 7.1 | - | 8.7 | 116,496 |
| Middle | 8.3 | 7.5 | - | 9.1 | 134,549 |
| Upper middle | 8.2 | 7.4 | - | 9.0 | 147,605 |
| Highest | 9.0 | 8.2 | - | 9.8 | 145,956 |

Table 7.48 Proportion of Stroke Rechecked/Controlled at Health Service Facilities for Population Aged ≥ 15 with Stroke based on Doctor's Diagnosis by Characteristics, 2023 SKI

| Characteristic | Stroke Rechecked/Controlled at Health Service Facilities | | | Weighted N |
|--|--|--------------|-------------|--------------|
| | Regularly | Occasionally | Disobeyed | |
| Age Range (Year) | | | | |
| 15-24 | 87.8 | 10.1 | 2.1 | 16* |
| 25-34 | 44.2 | 10.2 | 45.5 | 69 |
| 35-44 | 54.4 | 28.5 | 17.1 | 268 |
| 45-54 | 55.7 | 24.4 | 20.0 | 1,019 |
| 55-64 | 49.6 | 26.7 | 23.7 | 1,949 |
| 65-74 | 47.7 | 27.6 | 24.7 | 1,606 |
| 75+ | 39.6 | 29.7 | 30.7 | 694 |
| Sex | | | | |
| Male | 51.0 | 24.7 | 24.3 | 2,983 |
| Female | 47.1 | 29.1 | 23.8 | 2,638 |
| Education | | | | |
| Never attended school | 33.3 | 34.5 | 32.3 | 427 |
| Some primary school/Islamic primary school | 38.0 | 31.5 | 30.5 | 569 |
| Primary school/Islamic primary school graduate | 41.7 | 32.4 | 25.9 | 2,050 |
| Junior secondary school/Islamic junior secondary school graduate | 52.7 | 23.9 | 23.4 | 738 |
| Senior secondary school/Islamic senior secondary school graduate | 62.1 | 19.3 | 18.5 | 1,246 |
| D1/D2/D3/university graduate | 65.7 | 16.4 | 18.0 | 591 |
| Occupation | | | | |
| Unemployed | 48.7 | 26.4 | 24.9 | 2,868 |
| Student | 57.0 | 4.5 | 38.5 | 32* |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 61.8 | 20.8 | 17.4 | 254 |
| Private employee | 65.8 | 21.7 | 12.5 | 229 |
| Self-employed | 48.8 | 27.4 | 23.8 | 666 |
| Farmer/farm worker | 37.4 | 33.8 | 28.8 | 759 |
| Fisher | 36.7 | 37.5 | 25.8 | 40* |
| Labor/driver/domestic help | 54.5 | 23.2 | 22.4 | 338 |
| Others | 53.6 | 25.3 | 21.1 | 434 |
| Residence | | | | |
| Urban | 53.7 | 22.8 | 23.6 | 3,833 |
| Rural | 39.6 | 35.3 | 25.2 | 1,788 |
| Economic Status | | | | |
| Lowest | 36.5 | 31.3 | 32.1 | 801 |
| Lower middle | 38.0 | 32.5 | 29.5 | 975 |
| Middle | 46.4 | 29.0 | 24.5 | 1,180 |
| Upper middle | 54.0 | 25.7 | 20.3 | 1,276 |
| Highest | 62.1 | 19.1 | 18.7 | 1,389 |
| INDONESIA | 49.2 | 26.8 | 24.1 | 5,621 |

*Weighted N < 50.

7.1. CHRONIC KIDNEY DISEASE

- a. Chronic kidney disease prevalence.

Chronic kidney disease (CKD) prevalence is the prevalence of chronic kidney disease (at least 3 consecutive months) based on a doctor's diagnosis in the elderly population ≥ 15 years old (percent).

$$\frac{\text{Chronic kidney disease prevalence}}{\text{Household members aged } \geq 15 \text{ years old that were interviewed}} = \frac{\text{Household members aged } \geq 15 \text{ years old who have been diagnosed with CKD by a doctor}}{\text{Household members aged } \geq 15 \text{ years old that were interviewed}}$$

- b. Hemodialysis proportion.

Hemodialysis proportion is the proportion for those who formerly or is currently undergoing dialysis for population aged ≥ 15 years old with CKD based on a doctor's diagnosis (percent).

$$\frac{\text{Hemodialysis proportion}}{\text{Household members aged } \geq 15 \text{ years old who have been diagnosed with CKD by a doctor}} = \frac{\text{Household members aged } \geq 15 \text{ years old who formerly or are currently undergoing dialysis}}{\text{Household members aged } \geq 15 \text{ years old who have been diagnosed with CKD by a doctor}}$$

Table 7.49 Prevalence of Chronic Kidney Disease based on Doctor's Diagnosis in Population Aged ≥ 15 by Province, 2023 SKI

| Province | <u>CKD based on Doctor's Diagnosis</u> | | | Weighted N | |
|---------------------|--|-------------|----------|-------------|----------------|
| | % | 95% CI | | | |
| Aceh | 0.20 | 0.14 | - | 0.30 | 12,053 |
| North Sumatra | 0.17 | 0.12 | - | 0.25 | 33,884 |
| West Sumatra | 0.23 | 0.16 | - | 0.34 | 13,042 |
| Riau | 0.09 | 0.05 | - | 0.16 | 14,599 |
| Jambi | 0.15 | 0.08 | - | 0.26 | 8,242 |
| South Sumatra | 0.16 | 0.11 | - | 0.23 | 19,474 |
| Bengkulu | 0.16 | 0.09 | - | 0.28 | 4,687 |
| Lampung | 0.30 | 0.20 | - | 0.43 | 21,021 |
| Bangka Belitung | 0.16 | 0.09 | - | 0.27 | 3,451 |
| Riau Islands | 0.14 | 0.07 | - | 0.29 | 4,780 |
| DKI Jakarta | 0.22 | 0.12 | - | 0.39 | 24,981 |
| West Java | 0.20 | 0.15 | - | 0.26 | 114,619 |
| Central Java | 0.19 | 0.15 | - | 0.23 | 88,180 |
| DI Yogyakarta | 0.23 | 0.14 | - | 0.37 | 8,988 |
| East Java | 0.12 | 0.08 | - | 0.16 | 98,738 |
| Banten | 0.19 | 0.12 | - | 0.30 | 27,784 |
| Bali | 0.19 | 0.13 | - | 0.29 | 10,476 |
| West Nusa Tenggara | 0.14 | 0.09 | - | 0.21 | 12,186 |
| East Nusa Tenggara | 0.28 | 0.22 | - | 0.38 | 11,853 |
| West Kalimantan | 0.09 | 0.05 | - | 0.15 | 12,637 |
| Central Kalimantan | 0.10 | 0.05 | - | 0.20 | 6,286 |
| South Kalimantan | 0.10 | 0.06 | - | 0.16 | 9,352 |
| East Kalimantan | 0.21 | 0.12 | - | 0.36 | 8,929 |
| North Kalimantan | 0.14 | 0.07 | - | 0.29 | 1,654 |
| North Sulawesi | 0.29 | 0.19 | - | 0.44 | 6,239 |
| Central Sulawesi | 0.28 | 0.20 | - | 0.40 | 6,851 |
| South Sulawesi | 0.16 | 0.12 | - | 0.22 | 21,459 |
| South East Sulawesi | 0.23 | 0.14 | - | 0.37 | 5,977 |
| Sulawesi Gorontalo | 0.29 | 0.17 | - | 0.47 | 2,762 |
| West Sulawesi | 0.28 | 0.17 | - | 0.46 | 3,212 |
| Maluku | 0.21 | 0.12 | - | 0.37 | 4,299 |
| North Maluku | 0.17 | 0.10 | - | 0.29 | 2,938 |
| West Papua | 0.16 | 0.06 | - | 0.42 | 1,259 |
| Southwest Papua | 0.07 | 0.03 | - | 0.16 | 1,387 |
| Papua | 0.14 | 0.06 | - | 0.34 | 2,114 |
| South Papua | 0.08 | 0.02 | - | 0.32 | 987 |
| Central Papua | 0.11 | 0.03 | - | 0.33 | 3,304 |
| Highland Papua | 0.07 | 0.01 | - | 0.31 | 3,496 |
| INDONESIA | 0.18 | 0.16 | - | 0.19 | 638,178 |

Table 7.50 Prevalence of Chronic Kidney Disease based on Doctor's Diagnosis in Population Aged ≥ 15 by Characteristic, 2023 SKI

| Characteristic | CKD based on Doctor's Diagnosis | | | | Weighted N |
|--|---------------------------------|--------|---|------|------------|
| | % | 95% CI | | | |
| Age Range (Year) | | | | | |
| 15-24 | 0.02 | 0.01 | - | 0.04 | 133,587 |
| 25-34 | 0.07 | 0.05 | - | 0.10 | 133,887 |
| 35-44 | 0.11 | 0.08 | - | 0.14 | 125,664 |
| 45-54 | 0.26 | 0.22 | - | 0.30 | 108,259 |
| 55-64 | 0.40 | 0.34 | - | 0.47 | 78,040 |
| 65-74 | 0.45 | 0.37 | - | 0.56 | 42,858 |
| 75+ | 0.57 | 0.40 | - | 0.80 | 15,882 |
| Sex | | | | | |
| Male | 0.22 | 0.19 | - | 0.24 | 321,060 |
| Female | 0.14 | 0.12 | - | 0.16 | 317,118 |
| Education | | | | | |
| Never attended school | 0.19 | 0.13 | - | 0.28 | 28,242 |
| Some primary school/Islamic primary school | 0.22 | 0.17 | - | 0.29 | 41,063 |
| Primary school/Islamic primary school graduate | 0.21 | 0.18 | - | 0.25 | 164,806 |
| Junior secondary school/Islamic junior secondary school graduate | 0.10 | 0.08 | - | 0.12 | 136,092 |
| Senior secondary school/Islamic senior secondary school graduate | 0.18 | 0.15 | - | 0.22 | 206,812 |
| D1/D2/D3/university graduate | 0.22 | 0.17 | - | 0.29 | 61,163 |
| Occupation | | | | | |
| Unemployed | 0.18 | 0.16 | - | 0.21 | 190,053 |
| Student | 0.04 | 0.02 | - | 0.08 | 60,062 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 0.38 | 0.27 | - | 0.55 | 19,874 |
| Private employee | 0.15 | 0.10 | - | 0.21 | 72,773 |
| Self-employed | 0.19 | 0.15 | - | 0.23 | 97,402 |
| Farmer/farm worker | 0.22 | 0.19 | - | 0.26 | 102,975 |
| Fisher | 0.11 | 0.06 | - | 0.19 | 5,107 |
| Labor/driver/domestic help | 0.19 | 0.13 | - | 0.28 | 51,619 |
| Others | 0.18 | 0.13 | - | 0.23 | 38,313 |
| Residence | | | | | |
| Urban | 0.19 | 0.17 | - | 0.22 | 374,080 |
| Rural | 0.15 | 0.13 | - | 0.18 | 264,098 |
| Economic Status | | | | | |
| Lowest | 0.14 | 0.11 | - | 0.17 | 93,524 |
| Lower middle | 0.14 | 0.12 | - | 0.17 | 116,496 |
| Middle | 0.16 | 0.14 | - | 0.20 | 134,549 |
| Upper middle | 0.19 | 0.16 | - | 0.24 | 147,605 |
| Highest | 0.23 | 0.19 | - | 0.27 | 145,956 |

Table 7.51 Proportion of Hemodialysis in Population Aged ≥ 15 with Chronic Kidney Disease based on Doctor's Diagnosis by Characteristics, 2023 SKI

| Characteristic | Hemodialysis | | Weighted N |
|--|--------------|--------------------|--------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| 15-24 | 16.2 | 8.3 - 29.3 | 36* |
| 25-34 | 31.4 | 15.0 - 54.1 | 105 |
| 35-44 | 22.1 | 15.1 - 31.0 | 150 |
| 45-54 | 20.4 | 14.9 - 27.1 | 309 |
| 55-64 | 21.8 | 16.5 - 28.4 | 342 |
| 65-74 | 23.8 | 17.2 - 32.0 | 216 |
| 75+ | 5.1 | 2.1 - 12.0 | 100 |
| Sex | | | |
| Male | 19.9 | 15.8 - 24.8 | 772 |
| Female | 23.1 | 18.2 - 28.9 | 487 |
| Education | | | |
| Never attended school | 14.8 | 6.7 - 29.4 | 60 |
| Some primary school/Islamic primary school | 15.4 | 8.9 - 25.4 | 101 |
| Primary school/Islamic primary school graduate | 17.7 | 12.8 - 23.9 | 385 |
| Junior secondary school/Islamic junior secondary school graduate | 17.8 | 11.0 - 27.3 | 147 |
| Senior secondary school/Islamic senior secondary school graduate | 27.8 | 21.1 - 35.7 | 416 |
| D1/D2/D3/university graduate | 21.2 | 14.1 - 30.6 | 150 |
| Occupation | | | |
| Unemployed | 26.1 | 20.3 - 32.8 | 386 |
| Student | 7.8 | 1.7 - 28.7 | 27 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 25.3 | 14.5 - 40.2 | 84 |
| Private employee | 36.0 | 19.9 - 56.2 | 117 |
| Self-employed | 19.7 | 13.5 - 27.8 | 203 |
| Farmer/farm worker | 12.6 | 9.2 - 17.0 | 250 |
| Fisher | 0.0 | 0.0 - 0.0 | 6* |
| Labor/driver/domestic help | 5.5 | 2.4 - 12.1 | 110 |
| Others | 29.6 | 19.3 - 42.5 | 74 |
| Residence | | | |
| Urban | 25.7 | 21.3 - 30.6 | 810 |
| Rural | 13.0 | 9.7 - 17.2 | 449 |
| Economic Status | | | |
| Lowest | 10.8 | 6.4 - 17.7 | 142 |
| Lower middle | 19.9 | 14.6 - 26.6 | 184 |
| Middle | 17.7 | 11.3 - 26.7 | 246 |
| Upper middle | 24.0 | 17.8 - 31.7 | 318 |
| Highest | 25.5 | 19.5 - 32.7 | 369 |
| INDONESIA | 21.1 | 18.0 - 24.6 | 1,259 |

*Weighted N < 50.

Table 7.52 Creatinine Level Examination Results Proportion by Characteristic, 2023 SKI

| Characteristic | Creatinine Level | | | | Weighted N |
|--|------------------|------------------|------------|----------------|---------------|
| | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | |
| 15-24 | 98.0 | 97.3-98.4 | 2.0 | 1.6-2.7 | 5,922 |
| 25-34 | 98.8 | 98.4-99.1 | 1.2 | 0.9-1.6 | 6,047 |
| 35-44 | 98.3 | 97.9-98.6 | 1.7 | 1.4-2.1 | 5,651 |
| 45-54 | 97.0 | 96.4-97.5 | 3.0 | 2.5-3.6 | 4,908 |
| 55-64 | 94.5 | 93.7-95.2 | 5.5 | 4.8-6.3 | 3,569 |
| 65-74 | 93.8 | 92.6-94.8 | 6.2 | 5.2-7.4 | 1,938 |
| 75+ | 90.4 | 87.4-92.7 | 9.6 | 7.3-12.6 | 721 |
| Sex | | | | | |
| Male | 96.2 | 95.8-96.6 | 3.8 | 3.4-4.2 | 14,508 |
| Female | 98.0 | 97.8-98.3 | 2.0 | 1.7-2.2 | 14,247 |
| Education | | | | | |
| Never attended school | 96.1 | 95.9-98.0 | 2.9 | 2.0-4.1 | 1,159 |
| Some primary school/Islamic primary school | 96.6 | 94.9-97.0 | 3.9 | 3.0-5.1 | 1,963 |
| Primary school/Islamic primary school graduate | 97.5 | 96.1-97.0 | 3.4 | 3.0-3.9 | 8,009 |
| Junior secondary school/Islamic junior secondary school graduate | 97.6 | 97.0-97.9 | 2.5 | 2.1-3.0 | 6,484 |
| Senior secondary school/Islamic senior secondary school graduate | 96.5 | 97.2-97.9 | 2.4 | 2.1-2.8 | 9,000 |
| D1/D2/D3 graduate | 97.5 | 94.9-97.5 | 3.5 | 2.5-5.1 | 875 |
| University graduate | 96.1 | 96.3-98.3 | 2.5 | 1.7-3.7 | 1,266 |
| Occupation | | | | | |
| Unemployed | 97.5 | 97.1-97.8 | 2.5 | 2.2-2.9 | 8,898 |
| Student | 97.6 | 96.7-98.3 | 2.4 | 1.7-3.3 | 2,438 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 96.1 | 94.4-97.4 | 3.9 | 2.6-5.6 | 677 |
| Private employee | 97.7 | 96.7-98.4 | 2.3 | 1.6-3.3 | 2,621 |
| Self-employed | 96.7 | 96.0-97.3 | 3.3 | 2.7-4.0 | 4,572 |
| Farmer/farm worker | 96.4 | 95.8-96.9 | 3.6 | 3.1-4.2 | 5,262 |
| Fisher | 94.2 | 90.6-96.5 | 5.8 | 3.5-9.4 | 182 |
| Labor/driver/domestic help | 97.7 | 96.9-98.3 | 2.3 | 1.7-3.1 | 2,408 |
| Others | 97.1 | 96.2-97.8 | 2.9 | 2.2-3.8 | 1,698 |
| Residence | | | | | |
| Urban | 97.2 | 96.8-97.4 | 2.8 | 2.6-3.2 | 17,170 |
| Rural | 97.1 | 96.7-97.4 | 2.9 | 2.6-3.3 | 11,585 |
| Economic Status | | | | | |
| Lowest | 96.6 | 95.9-97.2 | 3.4 | 2.8-4.1 | 4,508 |
| Lower middle | 97.3 | 96.8-97.7 | 2.7 | 2.3-3.2 | 5,886 |
| Middle | 97.3 | 96.8-97.8 | 2.7 | 2.2-3.2 | 6,508 |
| Upper middle | 97.3 | 96.8-97.7 | 2.7 | 2.3-3.2 | 6,576 |
| Highest | 96.9 | 96.2-97.4 | 3.1 | 2.6-3.8 | 5,277 |
| INDONESIA | 97.1 | 95.9-97.2 | 2.9 | 2.7-3.1 | 28,755 |

CHAPTER 8

DISABILITY

Disability measurement aims to obtain information regarding the obstacles experienced by Household Members (ART)/Respondents aged ≥ 1 year old either physically, sensory, or mentally.

Disability indicators in 2023 SKI are measured in 4 Age Range:

1. Disability at age (≥ 1 year old).
2. Disability in children (5-17 years old).
3. Disability in the adult population (18-59 years old).
4. Disability in the elderly population (≥ 60 years old).

Persons with Disabilities are any person who experiences physical, intellectual, mental and/or sensory limitations for a long period of time that, in interacting with the environment, may experience obstacles and difficulties in fully and effectively participating with other person based on equal rights. The period referred to is a minimum of six months. (Law No. 8 of 2016 concerning Persons with Disabilities).

Visual Impairment is a condition characterized by a decrease in visual acuity and/or visual field width, which may result in blindness.

Hearing loss is a condition characterized by a decrease in the hearing threshold, which may cause communication disorders of varying degrees up to complete deafness.

Gait disorders are part of physical disabilities, namely impaired movement function, including amputation, paralysis or stiffness, paraplegia, cerebral palsy (CP), stroke, leprosy, and dwarfism. Assistive devices usage is the use of objects that function to assist people with disabilities' independence in carrying out daily activities.

Minister of Health Regulation (Permenkes) Number 82 of 2020 concerning Management of Visual and Hearing Impairments and National Action Plan for Persons with Disabilities for the 2022-2024 Fiscal Year. The Seventh Strategic Target (Access and Health Services for Persons with Disabilities) mandates measuring the prevalence of visual impairment, hearing loss and gait disorders in household members aged ≥ 1 year old.

8.1. DISABILITY IN POPULATION AGED \geq 1 YEAR OLD

The disability measurement in population aged \geq 1 year old is intended to measure the function and abilities of household members during the last 6 months, which includes:

- Vision impairments, Hearing losses, and Gait disorders.
- Use of visual aids, hearing aids, and walking aids.
- Causes of Disability.
- Diagnose disorders of physical, mental and sensory function delays.

1. Disability Prevalence in the population aged \geq 1 year old.

Disability considers the assessment of the ability to see whether using or not using assistive devices, the ability to hear whether using or not using assistive devices and the ability to walk whether using or not using assistive devices. If one of the three abilities is assessed by the respondent as being in the category of very difficult or not at all, then the person is classified as disabled.

This prevalence was obtained by calculating the number of people aged \geq 1 year with visual disabilities (D01 in the condition of not using assistive devices, D03 in the condition of using assistive devices), or hearing (D04 in the condition of not using assistive devices, D06 in the condition of using assistive devices), or walking (D07 with the condition of not using assistive devices, D09b with the condition of using assistive devices), answering with a level of very difficult (code=3) or unable at all (code=4) in Province A (Block I Household Cake no. 1) compared to the total population aged \geq 1 year in A Province:

$$\frac{\text{Total of household members aged } \geq 1 \text{ year old with disabilities in A Province}}{\text{Total of household members aged } \geq 1 \text{ year old in A Province}} \times 100\%$$

Table 8. 1 Prevalence of Vision or Hearing or Gait Disabilities in Population Aged ≥ 1 Year old by Province, 2023 SKI

| Province | Disabilities | | Weighted N |
|---------------------|--------------|------------------|----------------|
| | % | 95% CI | |
| Aceh | 1.0 | 0.9 - 1.1 | 16,993 |
| North Sumatra | 0.9 | 0.8 - 1.1 | 47,607 |
| West Sumatra | 1.1 | 1.0 - 1.3 | 17,823 |
| Riau | 0.6 | 0.5 - 0.7 | 20,561 |
| Jambi | 0.5 | 0.4 - 0.6 | 11,417 |
| South Sumatra | 0.7 | 0.6 - 0.8 | 27,097 |
| Bengkulu | 0.6 | 0.5 - 0.8 | 6,465 |
| Lampung | 1.0 | 0.9 - 1.2 | 28,877 |
| Bangka Belitung | 0.9 | 0.7 - 1.1 | 4,695 |
| Riau Islands | 0.9 | 0.5 - 1.5 | 6,665 |
| DKI Jakarta | 1.1 | 0.8 - 1.4 | 33,063 |
| West Java | 1.5 | 1.3 - 1.6 | 154,476 |
| Central Java | 1.3 | 1.2 - 1.4 | 116,315 |
| DI Yogyakarta | 1.7 | 1.4 - 2.0 | 11,603 |
| East Java | 1.2 | 1.1 - 1.3 | 128,796 |
| Banten | 1.0 | 0.8 - 1.3 | 38,149 |
| Bali | 1.0 | 0.8 - 1.2 | 13,648 |
| West Nusa Tenggara | 0.9 | 0.8 - 1.2 | 17,203 |
| East Nusa Tenggara | 1.4 | 1.2 - 1.5 | 17,184 |
| West Kalimantan | 1.0 | 0.8 - 1.2 | 17,454 |
| Central Kalimantan | 0.7 | 0.6 - 1.0 | 8,587 |
| South Kalimantan | 0.9 | 0.7 - 1.1 | 13,061 |
| East Kalimantan | 1.2 | 1.0 - 1.5 | 12,163 |
| North Kalimantan | 0.7 | 0.5 - 1.1 | 2,259 |
| North Sulawesi | 1.1 | 0.9 - 1.3 | 8,292 |
| Central Sulawesi | 1.4 | 1.2 - 1.6 | 9,521 |
| South Sulawesi | 1.6 | 1.5 - 1.8 | 28,969 |
| South East Sulawesi | 0.9 | 0.8 - 1.1 | 8,494 |
| Gorontalo | 1.3 | 1.1 - 1.7 | 3,753 |
| West Sulawesi | 0.9 | 0.7 - 1.2 | 4,570 |
| Maluku | 0.7 | 0.6 - 0.9 | 5,933 |
| North Maluku | 0.8 | 0.6 - 1.1 | 4,140 |
| West Papua | 0.7 | 0.4 - 1.2 | 1,762 |
| Southwest Papua | 0.8 | 0.5 - 1.1 | 1,904 |
| Papua | 0.8 | 0.5 - 1.1 | 3,230 |
| South Papua | 0.8 | 0.5 - 1.3 | 1,649 |
| Central Papua | 1.3 | 0.8 - 2.1 | 4,515 |
| Highland Papua | 1.6 | 1.0 - 2.5 | 4,510 |
| INDONESIA | 1.2 | 1.1 - 1.2 | 863,402 |

2. Disability Prevalence in the population aged ≥ 1 by characteristic.

Disability prevalence in the population aged ≥ 1 year old by characteristics of age, sex, occupational status, type of residence (urban or rural), education level, and economic status.

Table 8. 2 Prevalence of Vision or Hearing or Gait Disabilities in Population Aged ≥ 1 by Characteristic, 2023 SKI

| Characteristic | Disabilities | | Weighted N |
|--|--------------|-------------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| 1-4 | 0.3 | 0.2 - 0.4 | 59,075 |
| 5-14 | 0.3 | 0.2 - 0.3 | 138,048 |
| 15-24 | 0.4 | 0.3 - 0.4 | 139,470 |
| 25-34 | 0.4 | 0.3 - 0.4 | 139,783 |
| 35-44 | 0.4 | 0.4 - 0.5 | 131,198 |
| 45-54 | 1.0 | 0.9 - 1.1 | 113,026 |
| 55-64 | 2.3 | 2.1 - 2.5 | 81,477 |
| 65-74 | 5.4 | 5.0 - 5.7 | 44,745 |
| 75+ | 15.1 | 14.2 - 16.1 | 16,582 |
| Sex | | | |
| Male | 1.0 | 1.0 - 1.1 | 436,132 |
| Female | 1.3 | 1.2 - 1.4 | 427,270 |
| Education | | | |
| Never attended school | 3.5 | 3.2 - 3.8 | 54,440 |
| Some primary school/Islamic primary school | 1.4 | 1.3 - 1.5 | 112,587 |
| Primary school/Islamic primary school graduate | 2.0 | 1.8 - 2.1 | 193,533 |
| Junior secondary school/Islamic junior secondary school graduate | 0.7 | 0.6 - 0.7 | 140,978 |
| Senior secondary school/Islamic senior secondary school graduate | 0.5 | 0.5 - 0.6 | 212,001 |
| D1/D2/D3/university graduate | 0.6 | 0.5 - 0.7 | 62,673 |
| Occupation | | | |
| Unemployed | 2.4 | 2.3 - 2.6 | 205,498 |
| Student | 0.2 | 0.2 - 0.3 | 113,575 |
| Civil servant /Indonesian National Armed Forces/ Police/SOE/ROE | 0.8 | 0.6 - 1.0 | 20,068 |
| Private employee | 0.3 | 0.3 - 0.4 | 73,556 |
| Self-employed | 0.7 | 0.7 - 0.8 | 98,412 |
| Farmer/farm worker | 1.7 | 1.6 - 1.8 | 104,020 |
| Fisher | 0.6 | 0.4 - 0.9 | 5,166 |
| Labor/driver/domestic help | 1.2 | 1.0 - 1.4 | 52,168 |
| Others | 1.3 | 1.2 - 1.5 | 38,823 |
| Residence | | | |
| Urban | 1.1 | 1.1 - 1.2 | 504,360 |
| Rural | 1.2 | 1.1 - 1.3 | 359,042 |
| Economic Status | | | |
| Lowest | 2.4 | 2.2 - 2.5 | 123,587 |
| Lower middle | 1.4 | 1.3 - 1.5 | 156,222 |
| Middle | 1.1 | 1.0 - 1.2 | 182,502 |
| Upper middle | 0.8 | 0.8 - 0.9 | 201,359 |
| Highest | 0.6 | 0.6 - 0.7 | 199,672 |

3 Prevalence of Vision, Hearing, Walking Disabilities in Population Aged ≥ 1

Vision impairment is if the respondent says they have severe difficulties or cannot see at all with or without assistive devices. This prevalence was obtained by calculating the total population aged ≥ 1 year old with visual impairments (D01 with the condition not using assistive devices, D03 with the condition using assistive devices), answering with a severe difficulty (code=3) or unable at all (code=4) in A Province (Kues Ruta Block I no. 1) compared to the total population aged ≥ 1 year old in A Province:

$$\frac{\text{Total household members aged } \geq 1 \text{ year old with Visual Impairments in A Province}}{\text{Total household members aged } \geq 1 \text{ year old in A Province}} \times 100\%$$

Hearing Loss is if the respondent says they have severe difficulties or cannot hear at all with or without assistive devices. This prevalence was obtained by calculating the total population aged ≥ 1 year old with hearing loss (D04 with the condition not using assistive devices, D06 with the condition using assistive devices), answering with a severe difficulty (code=3) or unable at all (code=4) in A Province (Kues Ruta Block I no. 1) compared to the total population aged ≥ 1 year in A Province:

$$\frac{\text{Total household members aged } \geq 1 \text{ year old with Hearing Losses in A Province}}{\text{Total household members aged } \geq 1 \text{ year old in A Province}} \times 100\%$$

Gait disorder is if the respondent says they have severe difficulty or cannot walk at all with or without assistive devices. This prevalence was obtained by calculating the total population aged ≥ 1 year old with a gait disorder (D07 in the condition of not using assistive devices, D09b in the condition of using assistive devices), answering with a severe difficulty (code=3) or unable at all (code=4) in A Province (Kues Ruta Block I no. 1) compared to the total population aged ≥ 1 year old in A Province:

$$\frac{\text{Total household members aged } \geq 1 \text{ year old with Gait Disorders in A Province}}{\text{Total household members aged } \geq 1 \text{ year old in A Province}} \times 100\%$$

Table 8. 3 Prevalence of Vision or Hearing or Gait Disabilities in Population Aged ≥ 1 by Province, 2023 SKI

| Province | Vision Impairment | | Hearing Loss | | Gait Disorder | | Weighted N |
|---------------------|-------------------|------------------|--------------|------------------|---------------|------------------|----------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 0.5 | 0.4 - 0.7 | 0.4 | 0.3 - 0.4 | 0.4 | 0.3 - 0.5 | 16,993 |
| North Sumatra | 0.5 | 0.4 - 0.6 | 0.3 | 0.2 - 0.4 | 0.3 | 0.2 - 0.4 | 47,607 |
| West Sumatra | 0.5 | 0.4 - 0.6 | 0.4 | 0.3 - 0.5 | 0.5 | 0.4 - 0.6 | 17,823 |
| Riau | 0.3 | 0.2 - 0.4 | 0.1 | 0.1 - 0.2 | 0.3 | 0.2 - 0.3 | 20,561 |
| Jambi | 0.2 | 0.1 - 0.3 | 0.2 | 0.1 - 0.3 | 0.2 | 0.2 - 0.4 | 11,417 |
| South Sumatra | 0.4 | 0.3 - 0.5 | 0.3 | 0.2 - 0.3 | 0.2 | 0.2 - 0.3 | 27,097 |
| Bengkulu | 0.3 | 0.2 - 0.4 | 0.2 | 0.2 - 0.4 | 0.2 | 0.1 - 0.3 | 6,465 |
| Lampung | 0.6 | 0.4 - 0.7 | 0.4 | 0.3 - 0.5 | 0.4 | 0.3 - 0.5 | 28,877 |
| Bangka Belitung | 0.5 | 0.4 - 0.6 | 0.2 | 0.1 - 0.3 | 0.3 | 0.2 - 0.4 | 4,695 |
| Riau Islands | 0.6 | 0.3 - 1.2 | 0.2 | 0.1 - 0.6 | 0.2 | 0.1 - 0.2 | 6,665 |
| DKI Jakarta | 0.5 | 0.4 - 0.7 | 0.3 | 0.2 - 0.4 | 0.5 | 0.3 - 0.7 | 33,063 |
| West Java | 0.7 | 0.6 - 0.8 | 0.5 | 0.5 - 0.6 | 0.4 | 0.4 - 0.5 | 154,476 |
| Central Java | 0.6 | 0.5 - 0.7 | 0.5 | 0.4 - 0.6 | 0.4 | 0.3 - 0.4 | 116,315 |
| DI Yogyakarta | 0.6 | 0.5 - 0.8 | 0.8 | 0.6 - 1.0 | 0.5 | 0.4 - 0.7 | 11,603 |
| East Java | 0.5 | 0.4 - 0.6 | 0.4 | 0.4 - 0.5 | 0.4 | 0.4 - 0.5 | 128,796 |
| Banten | 0.5 | 0.4 - 0.7 | 0.3 | 0.2 - 0.5 | 0.3 | 0.2 - 0.5 | 38,149 |
| Bali | 0.4 | 0.3 - 0.5 | 0.4 | 0.3 - 0.6 | 0.3 | 0.2 - 0.4 | 13,648 |
| West Nusa Tenggara | 0.4 | 0.3 - 0.6 | 0.3 | 0.2 - 0.5 | 0.3 | 0.2 - 0.5 | 17,203 |
| East Nusa Tenggara | 0.8 | 0.7 - 0.9 | 0.5 | 0.4 - 0.6 | 0.3 | 0.3 - 0.4 | 17,184 |
| West Kalimantan | 0.5 | 0.4 - 0.6 | 0.4 | 0.3 - 0.5 | 0.4 | 0.3 - 0.5 | 17,454 |
| Central Kalimantan | 0.4 | 0.3 - 0.6 | 0.2 | 0.2 - 0.3 | 0.3 | 0.2 - 0.4 | 8,587 |
| South Kalimantan | 0.4 | 0.3 - 0.5 | 0.3 | 0.2 - 0.4 | 0.4 | 0.3 - 0.5 | 13,061 |
| East Kalimantan | 0.6 | 0.4 - 0.8 | 0.5 | 0.3 - 0.7 | 0.3 | 0.2 - 0.5 | 12,163 |
| North Kalimantan | 0.4 | 0.3 - 0.7 | 0.2 | 0.1 - 0.4 | 0.2 | 0.1 - 0.5 | 2,259 |
| North Sulawesi | 0.6 | 0.5 - 0.8 | 0.4 | 0.3 - 0.5 | 0.3 | 0.2 - 0.4 | 8,292 |
| Central Sulawesi | 0.7 | 0.6 - 0.9 | 0.5 | 0.4 - 0.6 | 0.4 | 0.3 - 0.5 | 9,521 |
| South Sulawesi | 0.9 | 0.8 - 1.0 | 0.6 | 0.5 - 0.7 | 0.6 | 0.5 - 0.7 | 28,969 |
| South East Sulawesi | 0.5 | 0.4 - 0.6 | 0.3 | 0.3 - 0.5 | 0.3 | 0.3 - 0.4 | 8,494 |
| Gorontalo | 0.7 | 0.5 - 1.1 | 0.6 | 0.4 - 0.8 | 0.3 | 0.2 - 0.5 | 3,753 |
| West Sulawesi | 0.5 | 0.3 - 0.7 | 0.4 | 0.3 - 0.6 | 0.3 | 0.2 - 0.4 | 4,570 |
| Maluku | 0.4 | 0.3 - 0.6 | 0.3 | 0.2 - 0.4 | 0.3 | 0.2 - 0.5 | 5,933 |
| North Maluku | 0.5 | 0.3 - 0.7 | 0.3 | 0.2 - 0.4 | 0.3 | 0.2 - 0.5 | 4,140 |
| West Papua | 0.4 | 0.2 - 0.8 | 0.4 | 0.2 - 0.9 | 0.4 | 0.2 - 0.9 | 1,762 |
| Southwest Papua | 0.5 | 0.3 - 0.9 | 0.2 | 0.1 - 0.3 | 0.1 | 0.1 - 0.2 | 1,904 |
| Papua | 0.5 | 0.3 - 0.8 | 0.2 | 0.1 - 0.4 | 0.2 | 0.1 - 0.3 | 3,230 |
| South Papua | 0.3 | 0.2 - 0.6 | 0.4 | 0.1 - 0.9 | 0.2 | 0.1 - 0.4 | 1,649 |
| Central Papua | 0.9 | 0.5 - 1.6 | 0.7 | 0.4 - 1.4 | 0.8 | 0.4 - 1.5 | 4,515 |
| Highland Papua | 1.1 | 0.7 - 1.9 | 1.1 | 0.6 - 1.9 | 0.8 | 0.5 - 1.3 | 4,510 |
| INDONESIA | 0.6 | 0.5 - 0.6 | 0.4 | 0.4 - 0.4 | 0.4 | 0.4 - 0.4 | 863,402 |

4. Usage of Visual Aids, Hearing Aids and Walking Aids Proportion for People with Disabilities Aged \geq 1 Year old by Province.

The proportion of visual aids usage is calculated from the total population with visual impairment and using visual aids such as glasses, contact lenses, implantable lenses (D02) in A Province (Ruta Block I No. 1) compared to the total population aged \geq 1 year old with visual impairment in A Province. This proportion means the number of people who are still in the disability category though they are using assistive devices:

$$\frac{\text{Total household members aged } \geq 1 \text{ year old with vision aids in A Province}}{\text{Total household members aged } \geq 1 \text{ year old with visual impairment in A Province}} \times 100\%$$

The proportion of hearing aid usage is calculated from the total population with hearing loss and using hearing aids (D06) in A Province (Ruta Block I no. 1) compared to the total population aged \geq 1 year old with hearing loss in A Province:

$$\frac{\text{Total household members aged } \geq 1 \text{ year old with hearing aids in A Province}}{\text{Total household members aged } \geq 1 \text{ year old with hearing loss in A Province}} \times 100\%$$

The proportion of walking aids usage or requiring assistance from other people is calculated from the total population with gait disorder and using walking aids or assistance from other people (D08) in A Province (Ruta Block I No. 1) compared to the total population aged \geq 1 year old with gait disorder in A Province:

$$\frac{\text{Total household members aged } \geq 1 \text{ year old with walking aids in A Province}}{\text{Total household members aged } \geq 1 \text{ year old with gait disorder in A Province}} \times 100\%$$

Table 8. 4 Proportion of Visual Aids, Hearing Aids and Walking Aids Usage for Disabilities in Population Aged ≥ 1 by Province, 2023 SKI

| Province | Visual Aids | | Weighted N | Hearing Aids | | Weighted N | Walking Aids/ assistance | | Weighted N |
|---------------------|-------------|--------------------|--------------|--------------|------------------|--------------|-----------------------------|--------------------|--------------|
| | % | 95% CI | | % | 95% CI | | % | 95% CI | |
| Aceh | 12.6 | 7.6 - 20.4 | 88 | 4.7 | 2.1 - 10.6 | 53* | 53.6 | 43.6 - 63.2 | 62 |
| North Sumatra | 7.7 | 5.1 - 11.3 | 231 | 6.1 | 2.2 - 15.3 | 127 | 56.7 | 44.1 - 68.4 | 133 |
| West Sumatra | 9.0 | 5.1 - 15.4 | 90 | 0.1 | 0.0 - 0.8 | 59 | 51.4 | 41.5 - 61.2 | 78 |
| Riau | 15.9 | 10.0 - 24.2 | 64 | 2.8 | 0.7 - 10.7 | 27* | 58.5 | 43.0 - 72.5 | 49* |
| Jambi | 10.3 | 3.8 - 25.0 | 20* | 0.0 | 0.0 - 0.0 | 17* | 59.4 | 44.0 - 73.2 | 26* |
| South Sumatra | 6.8 | 3.8 - 11.9 | 95 | 2.1 | 0.5 - 9.5 | 60 | 50.1 | 34.9 - 65.3 | 56 |
| Bengkulu | 19.4 | 12.0 - 29.9 | 18* | 2.7 | 0.7 - 10.5 | 14* | 57.1 | 41.4 - 71.5 | 13* |
| Lampung | 8.7 | 3.6 - 19.5 | 156 | 0.3 | 0.0 - 2.5 | 92 | 58.9 | 45.9 - 70.8 | 98 |
| Bangka Belitung | 9.4 | 4.4 - 18.8 | 22* | 4.8 | 1.1 - 18.3 | 9* | 57.5 | 41.7 - 71.8 | 14* |
| Riau Islands | 4.2 | 1.3 - 12.6 | 37* | 0.0 | 0.0 - 0.0 | 12* | 66.4 | 48.6 - 80.6 | 9* |
| DKI Jakarta | 32.6 | 18.9 - 50.1 | 167 | 15.3 | 5.7 - 35.2 | 87 | 46.4 | 31.1 - 62.5 | 146 |
| West Java | 12.9 | 9.4 - 17.5 | 1,053 | 3.1 | 1.2 - 7.8 | 734 | 42.7 | 35.8 - 49.9 | 645 |
| Central Java | 9.4 | 6.3 - 13.8 | 696 | 2.6 | 1.4 - 4.7 | 497 | 58.4 | 51.7 - 64.8 | 421 |
| DI Yogyakarta | 16.4 | 8.2 - 30.0 | 70 | 0.8 | 0.1 - 5.6 | 77 | 61.7 | 45.2 - 75.9 | 58 |
| East Java | 9.1 | 6.2 - 13.2 | 648 | 7.8 | 2.8 - 19.9 | 479 | 53.8 | 47.5 - 60.1 | 532 |
| Banten | 15.3 | 8.2 - 26.6 | 197 | 3.8 | 0.8 - 15.1 | 112 | 49.3 | 32.0 - 66.8 | 113 |
| Bali | 14.3 | 6.6 - 28.3 | 48* | 5.3 | 1.2 - 21.3 | 52 | 68.4 | 49.5 - 82.7 | 36* |
| West Nusa Tenggara | 7.2 | 2.7 - 17.9 | 74 | 15.8 | 5.9 - 36.3 | 53 | 53.6 | 39.3 - 67.4 | 56 |
| East Nusa Tenggara | 6.2 | 4.2 - 9.1 | 130 | 0.6 | 0.5 - 0.6 | 75 | 54.4 | 45.5 - 63.0 | 55 |
| West Kalimantan | 9.3 | 4.2 - 19.2 | 76 | 0.0 | 0.0 - 0.0 | 56 | 53.8 | 41.7 - 65.4 | 59 |
| Central Kalimantan | 19.5 | 10.9 - 32.4 | 34 | 0.3 | 0.3 - 0.4 | 17* | 52.8 | 36.2 - 68.7 | 25* |
| South Kalimantan | 13.5 | 7.5 - 23.1 | 46 | 3.6 | 0.6 - 18 | 36* | 56.9 | 44.0 - 68.9 | 44* |
| East Kalimantan | 13.3 | 7.2 - 23.3 | 67 | 2.2 | 0.3 - 14.5 | 53 | 39.8 | 23.2 - 59.1 | 36* |
| North Kalimantan | 14.2 | 4.2 - 38.2 | 9* | 0.0 | 0.0 - 0.0 | 4* | 53.5 | 27.7 - 77.5 | 5* |
| North Sulawesi | 20.5 | 12.4 - 31.9 | 50 | 3.3 | 0.8 - 13.2 | 28* | 56.1 | 42.3 - 69.0 | 24* |
| Central Sulawesi | 7.3 | 3.9 - 13.3 | 68 | 1.1 | 0.1 - 7.3 | 39* | 51.6 | 35.5 - 67.4 | 35* |
| South Sulawesi | 12.7 | 8.6 - 18.5 | 247 | 3.9 | 1.2 - 11.7 | 152 | 48.1 | 40.1 - 56.3 | 151 |
| South East Sulawesi | 11.1 | 6.2 - 18.9 | 42* | 0.4 | 0.1 - 2.9 | 25* | 58.9 | 46.6 - 70.1 | 27* |
| Gorontalo | 7.4 | 3.2 - 15.8 | 27* | 3.3 | 0.9 - 11.8 | 19* | 38.3 | 21.6 - 58.4 | 11* |
| West Sulawesi | 2.3 | 0.6 - 9.2 | 20* | 3.5 | 0.9 - 13 | 16* | 36.6 | 17.7 - 60.8 | 12* |
| Maluku | 9.1 | 4.2 - 18.5 | 25* | 1.3 | 1.0 - 1.7 | 14* | 42.4 | 27.1 - 59.4 | 17* |
| North Maluku | 27.1 | 14.4 - 45.3 | 19* | 20.9 | 8.0 - 44.5 | 10* | 47.1 | 28.4 - 66.7 | 13* |
| West Papua | 2.3 | 1.6 - 3.1 | 6* | 0.0 | 0.0 - 0.0 | 6* | 29.3 | 4.4 - 78.8 | 7* |
| Southwest Papua | 9.3 | 2.9 - 26.1 | 10* | 4.6 | 0.6 - 27 | 3* | 20.0 | 4.3 - 58.1 | 2* |
| Papua | 35.6 | 19.5 - 55.8 | 16* | 0.0 | 0.0 - 0.0 | 6* | 47.0 | 20.3 - 75.5 | 5* |
| South Papua | 11.4 | 3.1 - 34.4 | 5* | 0.0 | 0.0 - 0.0 | 5* | 12.5 | 1.3 - 60.5 | 3* |
| Central Papua | 6.0 | 1.5 - 20.8 | 38* | 0.0 | 0.0 - 0.0 | 29* | 4.7 | 1.6 - 12.9 | 34* |
| Highland Papua | 2.4 | 0.5 - 11.0 | 49* | 0.0 | 0.0 - 0.0 | 44* | 10.2 | 2.5 - 33.3 | 34* |
| INDONESIA | 11.7 | 10.3 - 13.2 | 4,756 | 4.1 | 2.8 - 5.9 | 3,196 | 50.6 | 48.1 - 53.1 | 3,145 |

* Weighted N <50.

5. Causes of Disability Proportion in Population Aged ≥ 1 by Province.

The causes of disability proportion in population aged ≥ 1 year old is measured by observing at the population with visual, hearing, or walking disabilities caused by congenital abnormalities, accidents/injuries/violence, and disease (D10.a) by Province:

Total household members aged ≥ 1 year old with Causes of Disability in A Province $\times 100\%$

Total household members aged ≥ 1 year old with Disability in A Province

Table 8. 5 Causes of Disability Proportion in Population Aged ≥ 1 by Province, 2023 SKI

| Province | Congenital Abnormalities | | Accidents/Injuries/Violence | | Disease | | Unknown | | Weighted N |
|---------------------|--------------------------|--------------------|-----------------------------|--------------------|-------------|--------------------|------------|------------------|--------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 11.2 | 20.9 | 28.3 | 22.2 - 35.4 | 55.9 | 48.8 - 62.7 | 0.4 | 0.1 - 1.6 | 154 |
| North Sumatra | 12.0 | 8.2 - 17.4 | 30.5 | 24.4 - 37.3 | 56.6 | 50.0 - 63.0 | 0.8 | 0.2 - 3.0 | 399 |
| West Sumatra | 15.5 | 11.1 - 21.2 | 23.5 | 18.8 - 29.0 | 60.4 | 53.9 - 66.5 | 0.6 | 0.1 - 3.1 | 183 |
| Riau | 16.6 | 10.4 - 25.4 | 24.7 | 16.6 - 35.1 | 57.6 | 48.7 - 66.1 | 1.1 | 0.3 - 4.5 | 109 |
| Jambi | 22.4 | 13.3 - 35.1 | 18.3 | 11.1 - 28.5 | 55.2 | 44.0 - 65.9 | 4.1 | 0.8 - 19.7 | 51 |
| South Sumatra | 15.8 | 10.5 - 23.1 | 23.7 | 17.3 - 31.5 | 60.4 | 51.2 - 68.9 | 0.2 | 0.0 - 1.1 | 171 |
| Bengkulu | 8.2 | 4.3 - 15.3 | 31.0 | 21.3 - 42.8 | 60.8 | 48.8 - 71.5 | 0.0 | 0.0 - 0.0 | 37* |
| Lampung | 21.0 | 15.2 - 28.4 | 27.9 | 21.4 - 35.5 | 50.9 | 42.7 - 59.1 | 0.1 | 0.0 - 0.9 | 269 |
| Bangka Belitung | 14.1 | 8.6 - 22.4 | 34.3 | 25.3 - 44.5 | 51.6 | 41.5 - 61.6 | 0.0 | 0.0 - 0.0 | 39* |
| Riau Islands | 11.7 | 5.4 - 23.5 | 51.7 | 31.5 - 71.3 | 35.7 | 21.0 - 53.7 | 0.9 | 0.1 - 6.0 | 53 |
| DKI Jakarta | 15.4 | 8.7 - 25.8 | 19.1 | 12.0 - 29.0 | 61.7 | 51.8 - 70.7 | 3.7 | 1.0 - 12.5 | 326 |
| West Java | 14.8 | 11.8 - 18.4 | 27.6 | 23.4 - 32.2 | 57.3 | 52.5 - 62.1 | 0.3 | 0.1 - 0.8 | 2,080 |
| Central Java | 19.2 | 16.4 - 22.4 | 25.6 | 22.2 - 29.3 | 54.8 | 50.5 - 59.0 | 0.4 | 0.2 - 1.0 | 1,384 |
| DI Yogyakarta | 18.0 | 12.1 - 25.9 | 23.4 | 16.6 - 31.8 | 58.6 | 49.6 - 67.1 | 0.0 | 0.0 - 0.0 | 180 |
| East Java | 17.0 | 13.6 - 21.0 | 21.8 | 18.3 - 25.8 | 61.0 | 56.0 - 65.7 | 0.3 | 0.1 - 1.0 | 1,410 |
| Banten | 9.7 | 6.2 - 15.0 | 26.1 | 17.5 - 37.1 | 61.6 | 50.5 - 71.6 | 2.6 | 0.6 - 9.9 | 361 |
| Bali | 16.1 | 10.2 - 24.4 | 29.2 | 21.5 - 38.4 | 54.5 | 45.3 - 63.4 | 0.2 | 0.0 - 1.6 | 122 |
| West Nusa Tenggara | 15.0 | 8.6 - 24.9 | 25.3 | 17.0 - 36.0 | 57.5 | 46.3 - 68.0 | 2.1 | 0.6 - 6.9 | 149 |
| East Nusa Tenggara | 19.6 | 15.5 - 24.3 | 30.2 | 25.6 - 35.2 | 50.2 | 45.3 - 55.2 | 0.0 | 0.0 - 0.0 | 217 |
| West Kalimantan | 16.0 | 10.6 - 23.5 | 21.3 | 15.1 - 29.2 | 61.8 | 52.4 - 70.3 | 1.0 | 0.1 - 6.6 | 157 |
| Central Kalimantan | 8.2 | 4.0 - 16.3 | 17.2 | 10.3 - 27.4 | 74.5 | 62.8 - 83.5 | 0.0 | 0.0 - 0.0 | 59 |
| South Kalimantan | 14.4 | 8.5 - 23.2 | 20.0 | 13.6 - 28.3 | 64.3 | 55.0 - 72.6 | 1.4 | 0.3 - 5.7 | 107 |
| East Kalimantan | 13.2 | 7.5 - 22.3 | 30.4 | 21.7 - 40.8 | 55.9 | 45.4 - 65.8 | 0.5 | 0.1 - 3.4 | 139 |
| North Kalimantan | 13.2 | 4.4 - 33.3 | 36.1 | 22.4 - 52.7 | 50.7 | 35.1 - 66.1 | 0.0 | 0.0 - 0.0 | 15* |
| North Sulawesi | 18.2 | 12.0 - 26.6 | 25.8 | 19.4 - 33.4 | 54.7 | 45.6 - 63.5 | 1.3 | 0.4 - 4.3 | 85 |
| Central Sulawesi | 16.5 | 11.5 - 23.1 | 26.1 | 19.9 - 33.4 | 57.4 | 49.2 - 65.2 | 0.0 | 0.0 - 0.0 | 120 |
| South Sulawesi | 15.9 | 12.1 - 20.5 | 21.8 | 17.9 - 26.3 | 62.2 | 57.0 - 67.1 | 0.1 | 0.0 - 0.9 | 434 |
| South East Sulawesi | 17.9 | 12.1 - 25.6 | 19.5 | 14.3 - 26.1 | 62.1 | 54.0 - 69.7 | 0.5 | 0.1 - 1.4 | 73 |
| Gorontalo | 10.8 | 6.9 - 16.5 | 18.7 | 12.7 - 26.6 | 69.4 | 60.8 - 76.8 | 1.1 | 0.2 - 7.9 | 47* |
| West Sulawesi | 15.8 | 9.9 - 24.4 | 32.3 | 19.8 - 48.2 | 51.8 | 37.6 - 65.8 | 0.0 | 0.0 - 0.0 | 39* |
| Maluku | 13.1 | 7.0 - 23.3 | 31.0 | 22.0 - 41.8 | 55.5 | 42.8 - 67.5 | 0.3 | 0.3 - 0.4 | 39* |
| North Maluku | 18.9 | 10.0 - 32.7 | 36.1 | 25.0 - 48.9 | 45.0 | 32.5 - 58.2 | 0.0 | 0.0 - 0.0 | 31* |
| West Papua | 46.1 | 21.0 - 73.4 | 14.5 | 8.1 - 24.7 | 39.3 | 16.9 - 67.3 | 0.0 | 0.0 - 0.0 | 11* |
| Southwest Papua | 11.4 | 6.1 - 20.6 | 38.9 | 20.7 - 60.9 | 49.6 | 29.3 - 70.0 | 0.0 | 0.0 - 0.0 | 13* |
| Papua | 21.7 | 11.3 - 37.8 | 35.7 | 21.0 - 53.6 | 42.4 | 28.4 - 57.7 | 0.2 | 0.0 - 1.2 | 23* |
| South Papua | 32.9 | 17.3 - 53.4 | 22.6 | 11.7 - 39.2 | 44.5 | 24.5 - 66.5 | 0.0 | 0.0 - 0.0 | 12* |
| Central Papua | 44.5 | 24.2 - 66.9 | 35.0 | 19.1 - 55.1 | 19.0 | 10.1 - 32.9 | 1.5 | 0.2 - 9.7 | 53 |
| Highland Papua | 68.2 | 51.9 - 81.0 | 11.2 | 5.1 - 22.7 | 20.6 | 10.8 - 35.8 | 0.0 | 0.0 - 0.0 | 67 |
| INDONESIA | 16.6 | 15.4 - 17.9 | 25.5 | 24.0 - 27.0 | 57.3 | 55.5 - 59.0 | 0.6 | 0.4 - 1.0 | 9,218 |

* Weighted N < 50.

6. Proportion of Diseases Causing Disability by Province.

The cause of disability may be due to diseases such as stroke, diabetes, cancer, hypertension, cataracts and others. The proportion of diseases causing disability can be calculated by the total of disabilities according to the disease causing it (Stroke/Diabetes/Cancer/Hypertension/Others) compared to the total disabilities at age ≥ 1 year old caused by disease by the Province:

$$\frac{\text{Total of household members aged } \geq 1 \text{ year old with X}}{\text{(Stroke/Diabetes/Cancer/ Hypertension/ Others) Disease Causing Disabilities in A Province}} \times 100\% \\ \frac{\text{Total of household members aged } \geq 1 \text{ year old with Disease Causing Disabilities in A Province}}$$

Table 8. 6 Types of Diseases Causing Disability Proportion in Population Aged ≥ 1 by Province, 2023 SKI

| Province | Stroke % | Diabetes % | Cancer % | Hypertension % | Cataract % | Others % | Weighted N |
|---------------------|-------------|-------------|------------|----------------|-------------|-------------|--------------|
| Aceh | 21.3 | 12.0 | 0.5 | 35.8 | 33.1 | 32.9 | 87 |
| North Sumatra | 19.3 | 10.2 | 0.1 | 20.9 | 17.9 | 52.2 | 228 |
| West Sumatra | 23.1 | 8.6 | 1.1 | 31.3 | 22.2 | 40.5 | 111 |
| Riau | 26.5 | 12.4 | 0.0 | 30.6 | 30.0 | 24.5 | 63 |
| Jambi | 19.8 | 16.1 | 1.4 | 21.3 | 16.4 | 40.5 | 29* |
| South Sumatra | 19.9 | 8.4 | 0.4 | 28.2 | 24.1 | 36.9 | 104 |
| Bengkulu | 22.4 | 4.7 | 0.0 | 39.8 | 13.2 | 43.8 | 23* |
| Lampung | 25.3 | 9.8 | 0.9 | 26.0 | 18.5 | 44.6 | 138 |
| Bangka Belitung | 22.8 | 20.0 | 1.1 | 34.1 | 13.7 | 30.6 | 20* |
| Riau Islands | 15.0 | 3.9 | 1.0 | 17.2 | 17.0 | 60.1 | 19* |
| DKI Jakarta | 21.4 | 18.2 | 0.0 | 26.9 | 33.0 | 39.9 | 202 |
| West Java | 19.1 | 7.6 | 0.6 | 21.2 | 16.7 | 50.9 | 1,201 |
| Central Java | 23.8 | 12.5 | 1.0 | 15.6 | 16.7 | 50.3 | 763 |
| DI Yogyakarta | 15.2 | 3.1 | 0.0 | 10.3 | 6.5 | 71.6 | 106 |
| East Java | 21.3 | 11.2 | 0.7 | 19.1 | 12.8 | 52.8 | 865 |
| Banten | 9.7 | 12.5 | 0.4 | 30.2 | 28.9 | 39.3 | 224 |
| Bali | 17.0 | 13.3 | 0.0 | 17.3 | 27.0 | 45.3 | 67 |
| West Nusa Tenggara | 20.0 | 12.8 | 2.0 | 14.1 | 19.7 | 41.2 | 86 |
| East Nusa Tenggara | 16.6 | 6.5 | 0.0 | 18.8 | 20.9 | 53.3 | 110 |
| West Kalimantan | 18.8 | 15.2 | 0.0 | 23.1 | 14.5 | 48.6 | 98 |
| Central Kalimantan | 28.3 | 21.4 | 0.0 | 31.7 | 30.5 | 28.7 | 44* |
| South Kalimantan | 29.5 | 5.6 | 0.0 | 25.3 | 10.1 | 46.4 | 69 |
| East Kalimantan | 13.0 | 2.3 | 0.2 | 21.9 | 46.5 | 33.0 | 78 |
| North Kalimantan | 15.4 | 4.8 | 1.1 | 29.6 | 19.2 | 49.3 | 8* |
| North Sulawesi | 16.5 | 11.9 | 0.0 | 24.9 | 31.4 | 38.9 | 47* |
| Central Sulawesi | 17.9 | 4.8 | 2.1 | 23.6 | 18.9 | 43.8 | 69 |
| South Sulawesi | 14.8 | 8.7 | 0.0 | 25.3 | 23.0 | 47.9 | 272 |
| South East Sulawesi | 14.8 | 10.3 | 0.8 | 19.7 | 19.7 | 51.3 | 46* |
| Gorontalo | 6.7 | 17.1 | 1.8 | 27.3 | 22.3 | 50.2 | 32* |
| West Sulawesi | 14.4 | 8.6 | 0.0 | 24.9 | 34.9 | 35.8 | 21* |
| Maluku | 15.9 | 11.6 | 0.7 | 9.9 | 21.0 | 49.3 | 22* |
| North Maluku | 15.2 | 20.5 | 0.0 | 28.0 | 21.2 | 40.6 | 14* |
| West Papua | 37.3 | 2.9 | 0.0 | 23.9 | 26.3 | 28.3 | 4* |
| Southwest Papua | 4.2 | 0.0 | 0.0 | 13.1 | 25.3 | 58.7 | 7* |
| Papua | 26.1 | 17.8 | 0.0 | 29.4 | 44.3 | 20.5 | 10* |
| South Papua | 18.2 | 3.8 | 27.2 | 1.9 | 24.6 | 24.3 | 5* |
| Central Papua | 11.7 | 28.9 | 11.7 | 28.1 | 47.4 | 31.3 | 10* |
| Highland Papua | 13.6 | 0.0 | 0.0 | 25.4 | 8.0 | 53.0 | 14* |
| INDONESIA | 19.8 | 10.3 | 0.6 | 21.6 | 19.2 | 48.0 | 5,317 |

* Weighted N <50.

7. Diagnosed Disorders of Delayed Physical, Mental, and Sensory Function Proportion in the Population Aged ≥ 1 Year old by Province.

The diagnosis of delayed physical, mental, and sensory function can include: General developmental delays, Autism, Asperger Syndrome, ADD/ADHD/GPPH, Cerebral palsy and Dyslexia. The proportion of the population aged ≥ 1 year old diagnosed by medical personnel with the disease mentioned above is measured by the total population aged ≥ 1 year old with a diagnosis of general developmental delay, Autism, Asperger's Syndrome, ADD/ADHD/GPPH, Cerebral palsy and Dyslexia (D11) in A Province compared to the total population aged ≥ 1 year old in A Province (Kues Ruta Block I no. 1):

$$\frac{\text{Total of household members aged } \geq 1 \text{ year old diagnosed with } X \text{ in A Province}}{\text{Total of household members aged } \geq 1 \text{ year old in A Province}} \times 100\%$$

Total of household members aged ≥ 1 year old in A Province

Table 8. 7 Proportion of Abnormalities in Population Aged ≥ 1 by Province, 2023

| Province | SKI | | | | | | | | | Weighted N |
|---------------------|------------------------|------------|---------------------|------------------|------------------|------------|--------------------|----------------------|-----------------|----------------|
| | Developmental delays % | Autism % | Asperger Syndrome % | ADD/ADHD/ GPPH % | Cerebral Palsy % | Dyslexia % | Conduct Disorder % | Mental Retardation % | Down Syndrome % | |
| Aceh | 7.0 | 0.3 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 0.5 | 16,993 |
| North Sumatra | 0.5 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 0.5 | 47,607 |
| West Sumatra | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.4 | 17,823 |
| Riau | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.5 | 20,561 |
| Jambi | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 11,417 |
| South Sumatra | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 27,097 |
| Bengkulu | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 | 0.5 | 6,465 |
| Lampung | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.6 | 28,877 |
| Bangka Belitung | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.4 | 4,695 |
| Riau Islands | 0.2 | 0.1 | 0.0 | 0.0 | 0.1 | 0.1 | 0.1 | 0.4 | 0.7 | 6,665 |
| DKI Jakarta | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 33,063 |
| West Java | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.5 | 154,476 |
| Central Java | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.4 | 116,315 |
| DI Yogyakarta | 0.5 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.4 | 11,603 |
| East Java | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.5 | 128,796 |
| Banten | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 0.7 | 38,149 |
| Bali | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.4 | 0.6 | 13,648 |
| West Nusa Tenggara | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 17,203 |
| East Nusa Tenggara | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 17,184 |
| West Kalimantan | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 17,454 |
| Central Kalimantan | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 8,587 |
| South Kalimantan | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.4 | 13,061 |
| East Kalimantan | 0.6 | 0.3 | 0.1 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 12,163 |
| North Kalimantan | 0.4 | 0.2 | 0.1 | 0.1 | 0.2 | 0.2 | 0.3 | 0.5 | 0.5 | 2,259 |
| North Sulawesi | 0.6 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 8,292 |
| Central Sulawesi | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.4 | 9,521 |
| South Sulawesi | 0.3 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 28,969 |
| South East Sulawesi | 0.4 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.4 | 8,494 |
| Gorontalo | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.2 | 0.3 | 3,753 |
| West Sulawesi | 0.4 | 0.1 | 0.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.1 | 0.2 | 4,570 |
| Maluku | 0.3 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.3 | 0.5 | 5,933 |
| North Maluku | 0.4 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.4 | 4,140 |
| West Papua | 0.3 | 0.3 | 0.1 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 1,762 |
| Southwest Papua | 0.3 | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 1,904 |
| Papua | 0.5 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.4 | 3,230 |
| South Papua | 0.4 | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.3 | 0.4 | 1,649 |
| Central Papua | 1.5 | 0.8 | 1.2 | 0.8 | 1.4 | 1.2 | 1.0 | 0.8 | 1.2 | 4,515 |
| Highland Papua | 0.7 | 0.2 | 0.1 | 0.2 | 0.3 | 0.2 | 0.2 | 0.3 | 0.4 | 4,510 |
| INDONESIA | 0.4 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.3 | 0.5 | 863,402 |

8.2 FUNCTIONAL DIFFICULTIES/BARRIERS IN THE POPULATION AGED 5-17 YEARS OLD

Disabilities in children aim at measuring SDGs achievement regarding the number of children with disabilities in the family. The questions on disabilities in children adopt the UN Washington Group Module questions, which are listed in the Multiple Indicator Cluster Surveys (MICS-updating 2020) developed by UNICEF. Slight modifications were made to both questions and answers, which were adapted to the conditions of Indonesian respondents. Children's disability questions are aimed at measuring Physical, Intellectual, Mental, Sensory, and Communication functions.

1. Prevalence of Disability in the population aged 5 – 17 years old by Province.

People aged 5-17 years old are categorized to have a disability if one of the questions regarding visual (D01 in the condition of not using assistive devices, D03 in the condition of using assistive devices), or hearing (D04 in the condition of not using assistive devices, D06 in the condition of using assistive devices) , or walking (D07 with the condition of not using assistive devices, D09b with the condition of using assistive devices), or difficulty in daily activities (D12), or difficulty of being understood when speaking to family members (D13), to other than their own family members (D14), or difficulty of learning (D15), or difficulty of remembering (D16), or difficulty of concentrating (D17), or difficulty of accepting changes to routine (D18), or difficulty of controlling one's behavior (D19), or difficulty of making friends (D20) with an answer of severe difficulty (code=3) or unable at all (code=4).

The prevalence of disability in the population aged 5-17 years old is calculated by the total population aged 5-17 years old with disabilities in A Province compared to the total population aged 5-17 years old in A Province A:

$$\frac{\text{Total of household members aged 5 – 17 years old with disabilities in A Province}}{\text{Total of household members aged 5 – 17 years old in A Province}} \times 100\%$$

Table 8. 8 Prevalence of Disability in Population Aged 5 - 17 by Province, 2023 SKI

| Province | Disability | | Weighted N |
|---------------------|------------|------------------|----------------|
| | % | 95% CI | |
| Aceh | 1.0 | 0.7 - 1.3 | 4,109 |
| North Sumatra | 1.1 | 0.8 - 1.5 | 11,650 |
| West Sumatra | 1.1 | 0.8 - 1.5 | 4,076 |
| Riau | 0.6 | 0.4 - 0.9 | 5,049 |
| Jambi | 0.5 | 0.3 - 0.9 | 2,632 |
| South Sumatra | 0.8 | 0.5 - 1.1 | 6,410 |
| Bengkulu | 0.5 | 0.3 - 0.9 | 1,470 |
| Lampung | 0.8 | 0.5 - 1.3 | 6,506 |
| Bangka Belitung | 1.7 | 1.2 - 2.4 | 1,036 |
| Riau Islands | 1.1 | 0.7 - 1.8 | 1,571 |
| DKI Jakarta | 3.0 | 2.2 - 4.2 | 6,771 |
| West Java | 2.7 | 2.3 - 3.2 | 33,565 |
| Central Java | 2.0 | 1.7 - 2.4 | 23,372 |
| DI Yogyakarta | 1.7 | 1.2 - 2.5 | 2,164 |
| East Java | 1.0 | 0.8 - 1.3 | 24,570 |
| Banten | 1.5 | 1.0 - 2.2 | 8,897 |
| Bali | 0.6 | 0.4 - 1.0 | 2,636 |
| West Nusa Tenggara | 0.6 | 0.4 - 0.9 | 4,145 |
| East Nusa Tenggara | 1.7 | 1.3 - 2.2 | 4,445 |
| West Kalimantan | 0.9 | 0.6 - 1.3 | 4,018 |
| Central Kalimantan | 0.7 | 0.4 - 1.2 | 1,945 |
| South Kalimantan | 1.5 | 1.1 - 2.0 | 3,093 |
| East Kalimantan | 2.2 | 1.5 - 3.0 | 2,713 |
| North Kalimantan | 0.6 | 0.3 - 1.4 | 514 |
| North Sulawesi | 1.3 | 0.9 - 2.0 | 1,726 |
| Central Sulawesi | 1.2 | 0.9 - 1.7 | 2,276 |
| South Sulawesi | 2.3 | 1.7 - 2.9 | 6,411 |
| South East Sulawesi | 0.9 | 0.7 - 1.3 | 2,163 |
| Gorontalo | 1.0 | 0.7 - 1.5 | 811 |
| West Sulawesi | 0.7 | 0.4 - 1.2 | 1,138 |
| Maluku | 0.9 | 0.5 - 1.4 | 1,397 |
| North Maluku | 0.7 | 0.4 - 1.1 | 1,027 |
| West Papua | 0.8 | 0.4 - 1.8 | 408 |
| Southwest Papua | 1.1 | 0.6 - 2.1 | 415 |
| Papua | 1.0 | 0.6 - 1.8 | 893 |
| South Papua | 1.5 | 0.7 - 3.3 | 508 |
| Central Papua | 1.8 | 0.8 - 4.1 | 931 |
| Highland Papua | 2.7 | 1.4 - 5.1 | 723 |
| INDONESIA | 1.6 | 1.5 - 1.7 | 188,185 |

2. Prevalence of Physical, Intellectual, Mental, Sensory, and Communication Disabilities in the Disabled Population Aged 5 – 17 by Province.

People aged 5-17 years old are categorized as physically disabled if the question about walking ability (D07 with the condition of not using assistive devices, D09b with the condition of using assistive devices), or difficulty in daily activities (D12) are answered with severe difficulty (code=3) or unable at all (code=4).

The prevalence of people aged 5-17 years old with physical disabilities can be calculated by the total population aged 5-17 years old experiencing physical disabilities in A Province compared to the total population aged 5-17 years old in A Province:

$$\frac{\text{Total of household members aged 5 – 17 years old with Physical Disabilities in A Province}}{\text{Total of household members aged 5 – 17 years old in A Province}} \times 100\%$$

People aged 5-17 years old are categorized as intellectually disabled if questions about difficulty in learning (D15), or difficulty in remembering (D16), or difficulty in concentrating (D17) are answered with severe difficulty (code=3) or unable at all (code=4).

The prevalence of people aged 5-17 years old with intellectual disabilities can be calculated by the total population aged 5-17 years old experiencing intellectual disabilities in A Province compared to the total population aged 5-17 years old in A Province:

$$\frac{\text{Total of household members aged 5 – 17 years old with Intellectual Disabilities in A Province}}{\text{Total of household members aged 5 – 17 years old in A Province}} \times 100\%$$

People aged 5-17 years old are categorized as mentally disabled if questions about difficulty in accepting changes to routines (D18), or difficulty in controlling their behavior (D19), or difficulty in making friends (D20) are answered with severe difficulty (code=3) or unable at all (code=4).

The prevalence of people aged 5-17 years old with mental disabilities can be calculated by the total population aged 5-17 years old experiencing mental disabilities in A Province compared to the total population aged 5-17 years old in A Province:

$$\frac{\text{Total of household members aged 5 – 17 years old with Mental Disabilities in A Province}}{\text{Total of household members aged 5 – 17 years old in A Province}} \times 100\%$$

People aged 5-17 years old are categorized as sensory disabled if the question about difficulty in seeing (D01 in the condition of not using assistive devices, D03 in the condition of using assistive devices), or hearing (D04 in the condition of not using assistive devices, D06 in the condition of using assistive devices), are answered with severe difficulty (code=3) or unable at all (code=4).

The prevalence of people aged 5-17 years old with sensory disabilities can be calculated by the total population aged 5-17 years old experiencing sensory disabilities in A Province compared to the total population aged 5-17 years old in A Province:

$$\frac{\text{Total of household members aged } 5 - 17 \text{ years old with Sensory Disabilities in A Province}}{\text{Total of household members aged } 5 - 17 \text{ years old in A Province}} \times 100\%$$

People aged 5-17 years old are categorized as having communication disabilities if the question about having difficulty being understood by their own family members (D13) or by other than their own family members (D14) are answered with severe difficulty (code=3) or unable at all (code=4).

The prevalence of people aged 5-17 years old with communication disabilities can be calculated by the total population aged 5-17 years old experiencing communication disabilities in A Province compared to the total population aged 5-17 years old in A Province:

$$\frac{\text{Total of household members aged } 5 - 17 \text{ years old with Communication Disabilities in A Province}}{\text{Total of household members aged } 5 - 17 \text{ years old in A Province}} \times 100\%$$

Table 8. 9 Prevalence of Physical, Intellectual, Mental, Sensory and Communication Disabilities in Population Aged 5 – 17 by Province, 2023 SKI

| Province | Physical Disabilities | | Intellectual Disabilities | | Mental Disabilities | | Sensory Disabilities | | Communication Disabilities | | Weighted N |
|---------------------|-----------------------|------------------|---------------------------|------------------|---------------------|------------------|----------------------|------------------|----------------------------|------------------|----------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 0.4 | 0.3 - 0.7 | 0.7 | 0.5 - 1.0 | 0.6 | 0.4 - 0.8 | 0.2 | 0.1 - 0.4 | 0.5 | 0.3 - 0.8 | 4,109 |
| North Sumatra | 0.2 | 0.1 - 0.3 | 0.7 | 0.5 - 1.0 | 0.5 | 0.3 - 0.8 | 0.2 | 0.1 - 0.4 | 0.3 | 0.2 - 0.5 | 11,650 |
| West Sumatra | 0.4 | 0.2 - 0.6 | 0.8 | 0.5 - 1.1 | 0.6 | 0.4 - 0.8 | 0.1 | 0.1 - 0.3 | 0.5 | 0.3 - 0.7 | 4,076 |
| Riau | 0.1 | 0.1 - 0.3 | 0.4 | 0.3 - 0.7 | 0.2 | 0.1 - 0.4 | 0.1 | 0.0 - 0.2 | 0.2 | 0.1 - 0.4 | 5,049 |
| Jambi | 0.2 | 0.1 - 0.4 | 0.3 | 0.1 - 0.6 | 0.3 | 0.1 - 0.5 | 0.1 | 0.0 - 0.6 | 0.2 | 0.1 - 0.5 | 2,632 |
| South Sumatra | 0.2 | 0.1 - 0.5 | 0.5 | 0.3 - 0.7 | 0.3 | 0.2 - 0.6 | 0.2 | 0.1 - 0.3 | 0.4 | 0.2 - 0.6 | 6,410 |
| Bengkulu | 0.1 | 0.0 - 0.3 | 0.3 | 0.1 - 0.5 | 0.4 | 0.2 - 0.7 | 0.0 | 0.0 - 0.0 | 0.1 | 0.0 - 0.3 | 1,470 |
| Lampung | 0.3 | 0.2 - 0.6 | 0.5 | 0.3 - 0.9 | 0.5 | 0.3 - 1.0 | 0.1 | 0.0 - 0.4 | 0.3 | 0.2 - 0.6 | 6,506 |
| Bangka Belitung | 0.4 | 0.2 - 0.6 | 1.5 | 1.1 - 2.2 | 1.0 | 0.6 - 1.5 | 0.1 | 0.1 - 0.4 | 0.3 | 0.2 - 0.6 | 1,036 |
| Riau Islands | 0.2 | 0.1 - 0.5 | 0.6 | 0.3 - 1.1 | 0.5 | 0.3 - 1.0 | 0.1 | 0.0 - 0.3 | 0.6 | 0.3 - 1.0 | 1,571 |
| DKI Jakarta | 0.6 | 0.3 - 1.2 | 1.9 | 1.2 - 2.9 | 1.7 | 1.0 - 2.6 | 0.2 | 0.1 - 0.5 | 0.8 | 0.4 - 1.4 | 6,771 |
| West Java | 0.5 | 0.3 - 0.7 | 1.8 | 1.4 - 2.2 | 1.4 | 1.1 - 1.8 | 0.2 | 0.1 - 0.3 | 0.6 | 0.4 - 0.8 | 33,565 |
| Central Java | 0.4 | 0.3 - 0.6 | 1.2 | 0.9 - 1.4 | 1.0 | 0.8 - 1.3 | 0.3 | 0.2 - 0.5 | 0.6 | 0.5 - 0.8 | 23,372 |
| DI Yogyakarta | 0.6 | 0.3 - 1.3 | 1.2 | 0.8 - 2.0 | 1.0 | 0.6 - 1.6 | 0.3 | 0.1 - 0.8 | 0.5 | 0.3 - 1.0 | 2,164 |
| East Java | 0.4 | 0.3 - 0.5 | 0.5 | 0.4 - 0.7 | 0.4 | 0.3 - 0.6 | 0.1 | 0.1 - 0.2 | 0.3 | 0.2 - 0.4 | 24,570 |
| Banten | 0.4 | 0.2 - 0.8 | 0.8 | 0.5 - 1.3 | 0.8 | 0.4 - 1.5 | 0.2 | 0.0 - 0.7 | 0.6 | 0.3 - 1.1 | 8,897 |
| Bali | 0.2 | 0.1 - 0.6 | 0.3 | 0.2 - 0.5 | 0.2 | 0.1 - 0.4 | 0.1 | 0.1 - 0.3 | 0.2 | 0.1 - 0.3 | 2,636 |
| West Nusa Tenggara | 0.1 | 0.1 - 0.3 | 0.3 | 0.2 - 0.5 | 0.3 | 0.2 - 0.5 | 0.1 | 0.1 - 0.3 | 0.1 | 0.1 - 0.2 | 4,145 |
| East Nusa Tenggara | 0.4 | 0.2 - 0.6 | 1.1 | 0.8 - 1.5 | 0.9 | 0.6 - 1.2 | 0.3 | 0.2 - 0.5 | 0.6 | 0.4 - 0.9 | 4,445 |
| West Kalimantan | 0.5 | 0.3 - 0.8 | 0.5 | 0.3 - 0.9 | 0.5 | 0.3 - 0.9 | 0.2 | 0.1 - 0.5 | 0.4 | 0.2 - 0.6 | 4,018 |
| Central Kalimantan | 0.3 | 0.1 - 0.6 | 0.6 | 0.3 - 1.1 | 0.4 | 0.2 - 0.7 | 0.1 | 0.0 - 0.2 | 0.3 | 0.1 - 0.7 | 1,945 |
| South Kalimantan | 0.4 | 0.2 - 0.7 | 0.9 | 0.6 - 1.4 | 0.8 | 0.5 - 1.2 | 0.1 | 0.0 - 0.3 | 0.5 | 0.3 - 0.8 | 3,093 |
| East Kalimantan | 0.3 | 0.1 - 0.7 | 1.6 | 1.0 - 2.4 | 1.0 | 0.6 - 1.5 | 0.1 | 0.0 - 0.3 | 0.6 | 0.3 - 1.2 | 2,713 |
| North Kalimantan | 0.3 | 0.1 - 0.8 | 0.2 | 0.1 - 0.7 | 0.3 | 0.1 - 0.7 | 0.3 | 0.1 - 1.0 | 0.2 | 0.1 - 0.7 | 514 |
| North Sulawesi | 0.3 | 0.2 - 0.6 | 0.9 | 0.5 - 1.5 | 0.7 | 0.4 - 1.2 | 0.2 | 0.1 - 0.6 | 0.5 | 0.3 - 1.1 | 1,726 |
| Central Sulawesi | 0.3 | 0.2 - 0.6 | 0.9 | 0.6 - 1.3 | 0.7 | 0.4 - 1.1 | 0.1 | 0.0 - 0.2 | 0.4 | 0.2 - 0.7 | 2,276 |
| South Sulawesi | 0.7 | 0.5 - 1.0 | 1.5 | 1.1 - 2.0 | 1.1 | 0.7 - 1.6 | 0.2 | 0.1 - 0.3 | 0.7 | 0.5 - 1.0 | 6,411 |
| South East Sulawesi | 0.3 | 0.2 - 0.5 | 0.7 | 0.4 - 1.0 | 0.4 | 0.3 - 0.7 | 0.2 | 0.1 - 0.4 | 0.3 | 0.2 - 0.6 | 2,163 |
| Gorontalo | 0.5 | 0.3 - 0.9 | 0.6 | 0.3 - 1.0 | 0.5 | 0.3 - 0.9 | 0.1 | 0.0 - 0.2 | 0.3 | 0.1 - 0.5 | 811 |
| West Sulawesi | 0.4 | 0.2 - 0.9 | 0.3 | 0.1 - 0.6 | 0.4 | 0.2 - 0.8 | 0.1 | 0.0 - 0.6 | 0.2 | 0.1 - 0.5 | 1,138 |
| Maluku | 0.5 | 0.2 - 0.9 | 0.5 | 0.3 - 0.9 | 0.2 | 0.1 - 0.4 | 0.2 | 0.1 - 0.6 | 0.3 | 0.1 - 0.6 | 1,397 |
| North Maluku | 0.2 | 0.1 - 0.4 | 0.3 | 0.2 - 0.7 | 0.4 | 0.2 - 0.8 | 0.1 | 0.0 - 0.4 | 0.2 | 0.1 - 0.6 | 1,027 |
| West Papua | 0.4 | 0.1 - 1.7 | 0.6 | 0.2 - 1.6 | 0.6 | 0.2 - 1.7 | 0.0 | 0.0 - 0.3 | 0.4 | 0.1 - 1.6 | 408 |
| Southwest Papua | 0.2 | 0.0 - 0.6 | 0.2 | 0.1 - 0.6 | 0.9 | 0.4 - 1.9 | 0.1 | 0.0 - 0.5 | 0.3 | 0.1 - 0.7 | 415 |
| Papua | 0.7 | 0.3 - 1.5 | 0.5 | 0.3 - 1.1 | 0.5 | 0.2 - 1.2 | 0.1 | 0.0 - 0.9 | 0.4 | 0.2 - 0.9 | 893 |
| South Papua | 0.2 | 0.0 - 0.7 | 0.7 | 0.2 - 2.0 | 0.9 | 0.3 - 2.5 | 0.0 | 0.0 - 0.0 | 0.6 | 0.2 - 2.5 | 508 |
| Central Papua | 0.6 | 0.2 - 1.7 | 0.1 | 0.0 - 0.4 | 0.2 | 0.0 - 1.5 | 0.8 | 0.3 - 2.4 | 0.5 | 0.1 - 2.9 | 931 |
| Highland Papua | 1.5 | 0.6 - 3.8 | 0.5 | 0.2 - 1.3 | 0.3 | 0.1 - 0.9 | 2.1 | 1.0 - 4.7 | 1.1 | 0.5 - 2.5 | 723 |
| INDONESIA | 0.4 | 0.3 - 0.4 | 1.0 | 0.9 - 1.1 | 0.8 | 0.7 - 0.9 | 0.2 | 0.2 - 0.2 | 0.5 | 0.4 - 0.5 | 188,185 |

3. Prevalence of Disability in Population Aged 5 – 17 by Characteristic

The prevalence of disability in the population aged 5-17 years old based on Characteristic Age Range, Sex, and Residence is calculated by the total population aged 5-17 years old experiencing disabilities differentiated by the Characteristic compared with the total population aged 5-17 years with disabilities:

Total of household members aged 5 – 17 years old with Disabilities by Characteristic in A Province $\times 100\%$

Total of household members aged 5 – 17 years old with Disabilities in A Province

Table 8. 10 Prevalence of Disability in Population Aged 5 – 17 by Characteristic, 2023 SKI

| Characteristic | Disability | | Weighted N |
|-------------------------|------------|-----------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| 5 – 9 | 1.7 | 1.5 - 1.8 | 70,993 |
| 10 – 14 | 1.3 | 1.2 - 1.5 | 71,253 |
| 15 – 17 | 1.8 | 1.6 - 2.2 | 45,940 |
| Sex | | | |
| Male | 1.7 | 1.6 - 1.9 | 96,475 |
| Female | 1.5 | 1.3 - 1.6 | 91,710 |
| Residence | | | |
| Urban | 1.9 | 1.7 - 2.1 | 108,738 |
| Rural | 1.2 | 1.1 - 1.3 | 79,447 |
| Economic Status | | | |
| Lowest | 1.4 | 1.4 - 1.9 | 25,411 |
| Lower middle | 1.3 | 1.3 - 1.8 | 33,751 |
| Middle | 1.4 | 1.4 - 1.9 | 40,859 |
| Upper middle | 1.4 | 1.4 - 1.9 | 45,127 |
| Highest | 1.3 | 1.3 - 1.8 | 43,024 |

8.3 PHYSICAL AND MENTAL DISABILITIES IN POPULATION AGED 18 – 59 YEARS OLD

Disability at the age of 18 – 59 years is aimed at measuring the achievement of SDGs regarding the proportion of the population with disabilities. The disability questions for household members aged 18-59 years adopt the **Disability Assessment Schedule (DAS)** questions. The aim is to obtain information regarding the difficulties faced by household members in carrying out activities due to **health conditions or other problems**, in the last 1 month.

The disability question for the population aged 18-59 years old is aimed at measuring the function and abilities of household members in the last 1 month, which includes:

- 8.3.1 Cognitive (Concentration).
- 8.3.2 Mobility (Moving places).
- 8.3.3 Self-Care (Taking care of oneself)
- 8.3.4 Getting Along (Interacting/Socializing).
- 8.3.5 Performing daily activities.
- 8.3.6 Participation (Environmental and social adaptation).
- 8.3.7 Health Facilities Usage.

1. Prevalence of Disability in Population Aged 18-59 Years old by Province.

The definition of disability in the population aged 18-59 years old according to the Disability Assessment Schedule (DAS) is if one of the twelve questions concerning difficulty of standing for ≥ 30 minutes (D21), or difficulty in carrying out household activities for which they are responsible (D22), or difficulty in learning new things (D23), or difficulty in participating in social activities (D24), or difficulty in influencing emotional states (D25), or difficulty in concentrating for 10 minutes (D26), or difficulty in walking long distances for example 1 km (D27), or difficulty of cleaning the whole body/bathing (D28), or difficulty in wearing clothes (D29), or difficulty in interacting/getting along with people you don't know before (D30), or difficulty in maintaining friendships (D31), or difficulty in performing daily activities (D32), with answers of moderate level (code=3) or severe (code=4) or extremely severe (code=5) for at least the last 1 month.

The prevalence of disability in the population aged 18-59 years old is measured by the total population aged 18-59 years old with disabilities in A Province compared to the total population aged 18-59 years old in A Province:

$$\frac{\text{Total household members aged 18-59 years old with disabilities in A Province}}{\text{Total household members aged 18-59 years old in A Province}} \times 100\%$$

Total household members aged 18-59 years old in A Province

Table 8. 11 Prevalence of Disability in Population Aged 18 – 59 by Province, 2023 SKI

| Province | Disability | | Weighted N |
|---------------------|------------|------------------|----------------|
| | % | 95% CI | |
| Aceh | 5.8 | 5.0 - 6.7 | 9,616 |
| North Sumatra | 4.7 | 4.1 - 5.4 | 26,830 |
| West Sumatra | 4.4 | 3.8 - 5.1 | 10,096 |
| Riau | 3.6 | 3.1 - 4.1 | 11,885 |
| Jambi | 2.4 | 2.1 - 2.9 | 6,416 |
| South Sumatra | 3.9 | 3.4 - 4.5 | 15,470 |
| Bengkulu | 2.4 | 1.9 - 3.1 | 3,782 |
| Lampung | 2.6 | 2.2 - 3.1 | 16,456 |
| Bangka Belitung | 2.9 | 2.3 - 3.5 | 2,780 |
| Riau Islands | 3.7 | 2.8 - 4.8 | 3,998 |
| DKI Jakarta | 5.3 | 4.5 - 6.3 | 19,996 |
| West Java | 8.1 | 7.5 - 8.9 | 90,972 |
| Central Java | 5.9 | 5.4 - 6.4 | 66,959 |
| DI Yogyakarta | 7.0 | 5.9 - 8.2 | 6,555 |
| East Java | 3.0 | 2.7 - 3.3 | 75,205 |
| Banten | 6.3 | 4.9 - 8.0 | 22,560 |
| Bali | 1.3 | 1.0 - 1.6 | 8,001 |
| West Nusa Tenggara | 3.1 | 2.5 - 3.7 | 9,737 |
| East Nusa Tenggara | 6.1 | 5.4 - 6.8 | 9,339 |
| West Kalimantan | 4.2 | 3.5 - 5.0 | 10,140 |
| Central Kalimantan | 3.4 | 2.9 - 4.0 | 5,053 |
| South Kalimantan | 4.4 | 3.7 - 5.1 | 7,578 |
| East Kalimantan | 8.7 | 7.4 - 10.1 | 7,289 |
| North Kalimantan | 4.1 | 2.9 - 6.0 | 1,347 |
| North Sulawesi | 6.9 | 6.0 - 7.9 | 4,761 |
| Central Sulawesi | 5.7 | 5.0 - 6.5 | 5,525 |
| South Sulawesi | 7.9 | 7.2 - 8.8 | 16,687 |
| South East Sulawesi | 6.0 | 5.2 - 7.0 | 4,770 |
| Gorontalo | 3.5 | 2.9 - 4.3 | 2,230 |
| West Sulawesi | 7.6 | 5.8 - 9.8 | 2,587 |
| Maluku | 3.7 | 3.0 - 4.5 | 3,425 |
| North Maluku | 4.5 | 3.5 - 5.7 | 2,384 |
| West Papua | 10.5 | 7.5 - 14.4 | 1,039 |
| Southwest Papua | 6.9 | 5.3 - 9.0 | 1,142 |
| Papua | 6.7 | 5.0 - 8.9 | 1,715 |
| South Papua | 2.1 | 1.5 - 3.0 | 811 |
| Central Papua | 8.8 | 5.1 - 14.6 | 2,885 |
| Highland Papua | 5.5 | 3.7 - 8.0 | 3,016 |
| INDONESIA | 5.3 | 5.2 - 5.5 | 501,037 |

2. Prevalence of Disability in Population Aged 18 – 59 by Characteristic.

The prevalence of disability in population aged 18-59 years old is categorized according to the characteristic such as Age Range, Sex, Education, Occupation, Residence and Economic Status. The proportion of population with disabilities aged 18-59 years based on Characteristic of Age Range, Sex, and Residence is calculated by the total population aged 18-59 years old with disabilities differentiated according to Characteristic in A Province compared to the total population aged 18-59 years old with disabilities in A Province:

$$\frac{\text{Total household members aged 18-59 years old with disabilities by characteristic in A Province}}{\text{Total household members aged 18-59 years old with disabilities in A Province}} \times 100\%$$

Table 8. 12 Prevalence of Disability in Population Aged 18 – 59 by Characteristic, 2023 SKI

| Characteristic | Disability | | Weighted N |
|--|------------|------------|------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| 18 – 24 | 4.6 | 4.3 - 5.0 | 90,076 |
| 25 – 34 | 4.3 | 4.1 - 4.6 | 133,542 |
| 35 – 44 | 4.3 | 4.1 - 4.6 | 125,680 |
| 45 – 54 | 6.4 | 6.2 - 6.7 | 108,413 |
| 55 – 59 | 10.2 | 9.8 - 10.7 | 43,327 |
| Sex | | | |
| Male | 4.3 | 4.1 - 4.5 | 252,461 |
| Female | 6.4 | 6.2 - 6.6 | 248,576 |
| Education | | | |
| Never attended school | 8.2 | 7.4 - 9.1 | 14,652 |
| Some primary school/Islamic primary school | 7.6 | 6.9 - 8.5 | 24,998 |
| Primary school/Islamic primary school graduate | 6.5 | 6.2 - 6.8 | 111,687 |
| Junior secondary school/Islamic junior secondary school graduate | 4.9 | 4.6 - 5.2 | 101,109 |
| Senior secondary school/Islamic senior secondary school graduate | 4.7 | 4.5 - 4.9 | 193,368 |
| D1/D2/D3/university graduate | 4.3 | 4.0 - 4.6 | 55,223 |
| Occupation | | | |
| Unemployed | 7.4 | 7.1 - 7.7 | 149,401 |
| Student | 4.6 | 4.0 - 5.2 | 25,856 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 4.2 | 3.8 - 4.6 | 17,210 |
| Private employee | 3.7 | 3.3 - 4.0 | 69,708 |
| Self-employed | 4.7 | 4.4 - 5.0 | 86,585 |
| Farmer/farm worker | 4.4 | 4.1 - 4.7 | 72,770 |
| Fisher | 3.0 | 2.5 - 3.7 | 4,461 |
| Labor/driver/domestic help | 5.2 | 4.7 - 5.8 | 44,658 |
| Others | 5.2 | 4.8 - 5.7 | 30,388 |
| Residence | | | |
| Urban | 5.8 | 5.6 - 6.1 | 294,828 |
| Rural | 4.7 | 4.4 - 4.9 | 206,209 |
| Economic Status | | | |
| Lowest | 6.1 | 5.7 - 6.5 | 65,821 |
| Lower middle | 5.3 | 5.0 - 5.6 | 88,984 |
| Middle | 5.2 | 4.9 - 5.5 | 107,029 |
| Upper middle | 5.4 | 5.1 - 5.7 | 119,873 |
| Highest | 5.1 | 4.8 - 5.4 | 119,295 |

3. Prevalence of Disability Domains in Population Aged 18-59 Years old by Province.

The disability measurement in population aged 18-59 years old with the DAS instrument consists of 6 domains, namely the cognitive domain, mobility domain, self-care domain (taking care of oneself), Getting Along (interacting/socializing), daily activities domain, and Participation Domain (adaptation to the environment and social).

The prevalence of cognitive domain disability is measured by the total population with difficulty in learning new things (D23), or difficulty in concentrating for 10 minutes (D26) at a moderate level (code=3) or severe (code=4) or extremely severe (code= 5) for at least 1 month in the population aged 18-59 years old in A Province compared to the total population aged 18-59 years old in A Province:

$$\frac{\text{Total household members aged 18-59 years old_with Cognitive Domain Disability in A Province}}{\text{Total household members aged 18-59 years old_in A Province}} \times 100\%$$

The prevalence of disability in the mobility domain is measured by the number of people with difficulty standing for \geq 30 minutes (D21), or difficulty in walking long distances for example 1 km (D27), at a moderate level (code=3) or severe (code=4) or extremely severe (code= 5) for at least 1 month in the population aged 18-59 years old in A Province compared to the total population aged 18-59 years old in A Province:

$$\frac{\text{Total household members aged 18-59 years old_with Mobility Domain Disability in A Province}}{\text{Total household members aged 18-59 years old_in A Province}} \times 100\%$$

The prevalence of disability in the Self Care domain is measured by the number of people with difficulty in cleaning the whole body/bathing (D28), or difficulty in wearing clothes (D29), at a moderate level (code=3) or severe (code=4) or extremely severe (code= 5) for at least 1 month in the population aged 18-59 years old in A Province compared to the total population aged 18-59 years old in A Province:

$$\frac{\text{Total household members aged 18-59 years old_with Self-Care Domain Disability in A Province}}{\text{Total household members aged 18-59 years old_in A Province}} \times 100\%$$

The prevalence of disability in the Getting Along domain is measured by the number of people with difficulty interacting/getting along with people they have not previously known (D30), or difficulty maintaining friendships (D31) at a moderate level (code=3) or severe (code=4) or extremely severe (code= 5) for at least 1 month in the population aged 18-59 years old in A Province compared to the total population aged 18-59 years old in A Province:

$$\frac{\text{Total household members aged 18-59 years old_with Getting Along Domain Disability in A Province}}{\text{Total household members aged 18-59 years old_in A Province}} \times 100\%$$

The prevalence of disability in the daily activities domain is measured by the number of people with difficulty in carrying out household activities for which they are responsible (D22), or difficulty in carrying out daily activities (D32), at a moderate level (code=3) or severe (code=4) or extremely severe (code= 5) for at least 1 month in the population aged 18-59 years old in A Province compared to the total population aged 18-59 years old in A Province:

$$\frac{\text{Total household members aged 18-59 years old with Daily Activities Domain Disability in A Province}}{\text{Total household members aged 18-59 years old in A Province}} \times 100\%$$

The prevalence of disability in the participation domain (Environmental and social adaptation) is measured by the number of people with difficulty in participating in social activities (D24), or difficulty of influencing emotional states (D25), at a moderate level (code=3) or severe (code=4) or extremely severe (code= 5) for at least 1 month in the population aged 18-59 years old in A Province compared to the total population aged 18-59 years old in A Province:

$$\frac{\text{Total household members aged 18-59 years old with Participation (Environmental and Social Adaptation) Domain Disability in A Province}}{\text{Total household members aged 18-59 years old in A Province}} \times 100\%$$

**Table 8. 13 Prevalence of Disability Domains in Population Aged 18-59 by Province,
2023 SKI**

| Province | Disability Domains | | | | | | | | | | | | Weighted N | |
|---------------------|--------------------|------------------|-----------------|------------------|------------------|------------------|----------------------|------------------|-----------------------|------------------|----------------------|------------------|----------------|--|
| | Cognitive Domain | | Mobility Domain | | Self-Care Domain | | Getting Along Domain | | Daily Activity Domain | | Participation Domain | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 2.5 | 1.9 - 3.3 | 4.9 | 4.2 - 5.8 | 1.4 | 0.8 - 2.2 | 1.8 | 1.2 - 2.6 | 2.8 | 2.2 - 3.6 | 2.8 | 2.1 - 3.6 | 9,616 | |
| North Sumatra | 1.5 | 1.2 - 1.8 | 3.8 | 3.3 - 4.4 | 0.5 | 0.4 - 0.6 | 0.6 | 0.5 - 0.9 | 1.6 | 1.3 - 1.9 | 1.7 | 1.4 - 2.1 | 26,830 | |
| West Sumatra | 1.3 | 1.0 - 1.7 | 3.2 | 2.8 - 3.7 | 0.3 | 0.2 - 0.4 | 0.5 | 0.4 - 0.7 | 1.4 | 1.2 - 1.7 | 1.7 | 1.4 - 2.1 | 10,096 | |
| Riau | 1.4 | 1.1 - 1.8 | 2.6 | 2.3 - 3.0 | 0.4 | 0.3 - 0.6 | 0.5 | 0.4 - 0.8 | 1.2 | 1.0 - 1.5 | 1.4 | 1.1 - 1.7 | 11,885 | |
| Jambi | 0.6 | 0.5 - 0.8 | 2.0 | 1.7 - 2.4 | 0.4 | 0.3 - 0.5 | 0.3 | 0.2 - 0.5 | 0.9 | 0.7 - 1.1 | 0.8 | 0.6 - 1.0 | 6,416 | |
| South Sumatra | 1.3 | 1.0 - 1.5 | 3.1 | 2.7 - 3.6 | 0.4 | 0.3 - 0.6 | 0.6 | 0.5 - 0.8 | 1.4 | 1.2 - 1.7 | 1.4 | 1.2 - 1.7 | 15,470 | |
| Bengkulu | 0.9 | 0.7 - 1.2 | 1.7 | 1.4 - 2.2 | 0.2 | 0.1 - 0.3 | 0.4 | 0.2 - 0.6 | 0.9 | 0.7 - 1.2 | 1.1 | 0.8 - 1.4 | 3,782 | |
| Lampung | 0.8 | 0.6 - 1.0 | 1.9 | 1.6 - 2.3 | 0.3 | 0.2 - 0.4 | 0.3 | 0.2 - 0.5 | 1.0 | 0.8 - 1.2 | 1.0 | 0.7 - 1.3 | 16,456 | |
| Bangka Belitung | 0.8 | 0.6 - 1.0 | 2.3 | 1.8 - 2.8 | 0.2 | 0.1 - 0.4 | 0.3 | 0.2 - 0.5 | 0.8 | 0.6 - 1.0 | 0.8 | 0.6 - 1.1 | 2,780 | |
| Riau Islands | 0.8 | 0.5 - 1.2 | 2.6 | 1.9 - 3.7 | 0.3 | 0.2 - 0.7 | 0.5 | 0.3 - 0.8 | 1.7 | 1.2 - 2.5 | 1.3 | 0.9 - 1.8 | 3,998 | |
| DKI Jakarta | 1.5 | 1.1 - 2.0 | 3.1 | 2.5 - 3.7 | 0.2 | 0.1 - 0.3 | 0.9 | 0.6 - 1.2 | 1.1 | 0.8 - 1.5 | 2.5 | 2.0 - 3.2 | 19,996 | |
| West Java | 3.3 | 2.9 - 3.7 | 4.2 | 3.8 - 4.6 | 0.4 | 0.3 - 0.5 | 1.7 | 1.5 - 2.0 | 2.0 | 1.8 - 2.3 | 3.7 | 3.3 - 4.1 | 90,972 | |
| Central Java | 2.2 | 1.9 - 2.5 | 3.5 | 3.2 - 3.8 | 0.3 | 0.3 - 0.4 | 0.9 | 0.8 - 1.1 | 1.5 | 1.3 - 1.8 | 2.3 | 2.1 - 2.6 | 66,959 | |
| DI Yogyakarta | 2.3 | 1.8 - 3.0 | 2.5 | 2.0 - 3.2 | 0.3 | 0.2 - 0.6 | 1.7 | 1.3 - 2.2 | 1.2 | 0.9 - 1.7 | 3.8 | 3.2 - 4.6 | 6,555 | |
| East Java | 0.9 | 0.8 - 1.1 | 2.1 | 1.9 - 2.3 | 0.3 | 0.3 - 0.4 | 0.5 | 0.4 - 0.6 | 0.9 | 0.8 - 1.0 | 1.2 | 1.1 - 1.4 | 75,205 | |
| Banten | 2.4 | 1.7 - 3.4 | 4.6 | 3.5 - 5.9 | 0.5 | 0.3 - 0.7 | 1.4 | 1.0 - 2.1 | 2.3 | 1.7 - 3.2 | 2.8 | 2.1 - 3.8 | 22,560 | |
| Bali | 0.5 | 0.4 - 0.8 | 1.0 | 0.7 - 1.2 | 0.2 | 0.2 - 0.4 | 0.2 | 0.1 - 0.3 | 0.6 | 0.4 - 0.8 | 0.6 | 0.5 - 0.9 | 8,001 | |
| West Nusa Tenggara | 0.9 | 0.6 - 1.2 | 2.3 | 1.9 - 2.9 | 0.3 | 0.2 - 0.5 | 0.2 | 0.1 - 0.4 | 0.8 | 0.6 - 1.2 | 1.1 | 0.8 - 1.4 | 9,737 | |
| East Nusa Tenggara | 2.0 | 1.7 - 2.4 | 4.3 | 3.7 - 4.9 | 0.4 | 0.3 - 0.5 | 0.5 | 0.4 - 0.6 | 2.1 | 1.8 - 2.5 | 2.3 | 2.0 - 2.7 | 9,339 | |
| West Kalimantan | 0.9 | 0.7 - 1.2 | 3.4 | 2.7 - 4.2 | 0.4 | 0.3 - 0.5 | 0.4 | 0.3 - 0.6 | 1.2 | 1.0 - 1.4 | 1.1 | 0.9 - 1.4 | 10,140 | |
| Central Kalimantan | 1.3 | 1.0 - 1.8 | 2.6 | 2.2 - 3.2 | 0.6 | 0.4 - 0.9 | 0.6 | 0.4 - 0.9 | 1.4 | 1.0 - 1.8 | 1.4 | 1.1 - 1.9 | 5,053 | |
| South Kalimantan | 1.4 | 1.1 - 1.7 | 3.6 | 3.0 - 4.2 | 0.3 | 0.2 - 0.5 | 0.5 | 0.4 - 0.7 | 1.2 | 1.0 - 1.4 | 1.5 | 1.3 - 1.8 | 7,578 | |
| East Kalimantan | 2.5 | 2.0 - 3.1 | 4.5 | 3.9 - 5.3 | 0.6 | 0.4 - 0.8 | 1.9 | 1.5 - 2.5 | 2.5 | 2.0 - 3.3 | 4.2 | 3.4 - 5.1 | 7,289 | |
| North Kalimantan | 1.0 | 0.6 - 1.8 | 2.4 | 1.7 - 3.2 | 0.5 | 0.2 - 1.0 | 0.7 | 0.4 - 1.3 | 1.8 | 0.9 - 3.7 | 1.8 | 1.2 - 2.6 | 1,347 | |
| North Sulawesi | 2.0 | 1.5 - 2.5 | 5.6 | 4.9 - 6.4 | 0.6 | 0.4 - 0.8 | 0.9 | 0.6 - 1.2 | 2.7 | 2.2 - 3.2 | 2.2 | 1.7 - 2.7 | 4,761 | |
| Central Sulawesi | 1.7 | 1.4 - 2.0 | 4.4 | 3.8 - 5.2 | 0.5 | 0.4 - 0.7 | 0.8 | 0.6 - 1.0 | 2.0 | 1.7 - 2.5 | 1.8 | 1.5 - 2.2 | 5,525 | |
| South Sulawesi | 2.6 | 2.2 - 3.1 | 5.3 | 4.7 - 5.9 | 0.4 | 0.3 - 0.5 | 1.4 | 1.1 - 1.7 | 2.1 | 1.9 - 2.5 | 3.3 | 2.9 - 3.8 | 16,687 | |
| South East Sulawesi | 2.1 | 1.7 - 2.5 | 4.2 | 3.5 - 5.0 | 0.5 | 0.4 - 0.7 | 1.3 | 1.0 - 1.7 | 2.5 | 2.1 - 3.0 | 2.5 | 2.1 - 3.0 | 4,770 | |
| Gorontalo | 0.8 | 0.5 - 1.1 | 2.8 | 2.3 - 3.5 | 0.2 | 0.1 - 0.4 | 0.3 | 0.2 - 0.5 | 1.2 | 0.9 - 1.6 | 1.5 | 1.1 - 1.9 | 2,230 | |
| West Sulawesi | 2.2 | 1.6 - 2.9 | 6.5 | 4.9 - 8.7 | 0.9 | 0.6 - 1.3 | 1.6 | 1.2 - 2.3 | 2.0 | 1.6 - 2.6 | 2.3 | 1.8 - 2.9 | 2,587 | |
| Maluku | 0.8 | 0.6 - 1.1 | 2.9 | 2.3 - 3.6 | 0.4 | 0.3 - 0.6 | 0.4 | 0.2 - 0.7 | 1.2 | 0.9 - 1.6 | 1.6 | 1.2 - 2.2 | 3,425 | |
| North Maluku | 2.3 | 1.6 - 3.3 | 3.6 | 2.8 - 4.7 | 1.7 | 1.1 - 2.8 | 1.7 | 1.1 - 2.8 | 2.5 | 1.7 - 3.5 | 2.6 | 1.8 - 3.7 | 2,384 | |
| West Papua | 3.7 | 1.9 - 7.3 | 6.9 | 5.2 - 9.1 | 0.8 | 0.3 - 2.1 | 1.0 | 0.4 - 2.2 | 2.6 | 1.7 - 4.1 | 3.0 | 1.9 - 4.7 | 1,039 | |
| Southwest Papua | 2.0 | 1.4 - 2.9 | 4.1 | 3.1 - 5.3 | 0.4 | 0.2 - 0.7 | 0.7 | 0.4 - 1.4 | 1.9 | 1.3 - 2.7 | 2.8 | 1.8 - 4.3 | 1,142 | |
| Papua | 2.2 | 1.2 - 3.8 | 3.2 | 2.4 - 4.3 | 0.4 | 0.2 - 0.7 | 0.3 | 0.2 - 0.6 | 3.0 | 2.1 - 4.1 | 2.9 | 1.9 - 4.3 | 1,715 | |
| South Papua | 0.8 | 0.4 - 1.6 | 1.6 | 1.1 - 2.2 | 0.3 | 0.1 - 0.7 | 0.2 | 0.1 - 0.6 | 0.7 | 0.4 - 1.3 | 0.7 | 0.4 - 1.2 | 811 | |
| Central Papua | 7.3 | 3.8 - 13.4 | 2.4 | 1.3 - 4.3 | 1.6 | 0.7 - 3.5 | 3.9 | 1.1 - 12.3 | 5.4 | 2.3 - 11.9 | 6.2 | 3.0 - 12.4 | 2,885 | |
| Highland Papua | 2.0 | 1.0 - 3.8 | 3.4 | 2.3 - 5.0 | 0.9 | 0.5 - 1.6 | 1.2 | 0.4 - 3.5 | 2.8 | 1.7 - 4.8 | 2.6 | 1.4 - 4.8 | 3,016 | |
| INDONESIA | 1.9 | 1.8 - 2.0 | 3.4 | 3.3 - 3.5 | 0.4 | 0.4 - 0.4 | 1.0 | 0.9 - 1.0 | 1.6 | 1.5 - 1.7 | 2.3 | 2.1 - 2.4 | 501,037 | |

4. Prevalence of Disability Levels in Population Aged 18-59 Years old by Province.

Disability measurement with the DAS questionnaire can be grouped by disability level. Level assessment is performed by scoring the answers to the twelve questions in the DAS. Scoring is given by evaluating answers as in this table:

| | Question | Recode Answer code | Maximum |
|-----|---|-------------------------|---------|
| D21 | For at least the last 1 month , how difficult was it for [NAME] to stand for ≥ 30 minutes? | 1=0, 2=1, 3=2, 4=3, 5=4 | 4 |
| D22 | For at least the last 1 month , how difficult was it for [NAME] to carry out or perform household activities that were his or her responsibility? | 1=0, 2=1, 3=1, 4=2, 5=2 | 2 |
| D23 | For at least the last 1 month , how difficult was it for [NAME] to learn/do new things, such as learning how to go to a new place? | 1=0, 2=1, 3=2, 4=3, 5=4 | 4 |
| D24 | For at least the last 1 month , how difficult was it for [NAME] to participate in community activities (for example in sports, social gatherings, religious studies, or other activities)? | 1=0, 2=1, 3=1, 4=2, 5=2 | 2 |
| D25 | For at least the last 1 month , how much has the health problem you experienced affected [NAME]'s emotional state? | 1=0, 2=1, 3=2, 4=3, 5=4 | 4 |
| D26 | For at least the last 1 month , how difficult was it for [NAME] to concentrate on doing something for 10 minutes? | 1=0, 2=1, 3=2, 4=3, 5=4 | 4 |
| D27 | For at least the last 1 month , how difficult was it for [NAME] to walk long distances, for example 1 kilometer? | 1=0, 2=1, 3=2, 4=3, 5=4 | 4 |
| D28 | For at least the last 1 month , how difficult was it for [NAME] to clean his/her entire body/shower? | 1=0, 2=1, 3=1, 4=2, 5=2 | 2 |
| D29 | For at least the last 1 month , how difficult was it for [NAME] to wear clothes? | 1=0, 2=1, 3=2, 4=3, 5=4 | 4 |
| D30 | For at least the last 1 month , how difficult has it been for [NAME] to interact/get along with people you don't know before? | 1=0, 2=1, 3=1, 4=2, 5=2 | 2 |
| D31 | For at least the last 1 month , how difficult has it been for [NAME] to maintain friendships? | 1=0, 2=1, 3=1, 4=2, 5=2 | 2 |
| D32 | For at least the last 1 month , how difficult was it for [NAME] to do daily activities? | 1=0, 2=1, 3=1, 4=2, 5=2 | 2 |
| | | | 36 |

Based on the scoring in the table above, the highest rating is 36. Then the disability scoring levels will be carried out the following:

$$\frac{\text{total score of answered choices } D21 - D32}{36} \times 100\%$$

The assessment of the answered results is in the form of a score with the following categories:

- For score of 0-<5 is **no difficulty**.
- For score of 5-<25 is **mild difficulty**.
- For score of 25-<50 is **moderate difficulty**.
- For score of 50-100 is **severe difficulty/incapacity**.

The prevalence of population aged 18-59 years old with disability level is calculated by the total population aged 18-19 years old with disability level in A Province compared to the total population aged 18-59 years old in A Province:

$$\frac{\text{Total population aged 18-19 years old with Disability Level in A Province}}{\text{Total population aged 18-59 years old in A Province}} \times 100\%$$

**Table 8. 14 Prevalence of Disability Level in Population Aged 18 – 59 by Province, 2023
SKI**

| Province | No Difficulty | | Mild Difficulty | | Moderate Difficulty | | Severe Difficulty/ Incapacity | | Weighted N |
|---------------------|---------------|--------------------|-----------------|------------------|---------------------|------------------|----------------------------------|------------------|----------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 85.4 | 84.1 - 86.7 | 7.6 | 6.9 - 8.4 | 6.5 | 5.6 - 7.6 | 0.4 | 0.3 - 0.6 | 9,616 |
| North Sumatra | 84.5 | 82.9 - 86.0 | 9.1 | 7.9 - 10.4 | 6.1 | 5.5 - 6.7 | 0.4 | 0.3 - 0.5 | 26,830 |
| West Sumatra | 88.2 | 86.9 - 89.4 | 7.7 | 6.8 - 8.7 | 3.8 | 3.3 - 4.4 | 0.3 | 0.2 - 0.4 | 10,096 |
| Riau | 87.2 | 85.7 - 88.7 | 7.0 | 6.0 - 8.0 | 5.5 | 4.5 - 6.8 | 0.3 | 0.2 - 0.4 | 11,885 |
| Jambi | 88.5 | 86.9 - 89.9 | 7.5 | 6.4 - 8.7 | 3.9 | 3.2 - 4.7 | 0.2 | 0.1 - 0.3 | 6,416 |
| South Sumatra | 87.1 | 85.7 - 88.3 | 7.3 | 6.5 - 8.1 | 5.4 | 4.6 - 6.4 | 0.3 | 0.2 - 0.4 | 15,470 |
| Bengkulu | 89.3 | 87.8 - 90.6 | 6.1 | 5.1 - 7.3 | 4.5 | 3.7 - 5.5 | 0.1 | 0.1 - 0.2 | 3,782 |
| Lampung | 91.0 | 89.8 - 92.0 | 4.8 | 4.1 - 5.6 | 4.0 | 3.4 - 4.8 | 0.2 | 0.1 - 0.3 | 16,456 |
| Bangka Belitung | 91.2 | 89.6 - 92.5 | 4.8 | 4.0 - 5.8 | 3.8 | 3.0 - 4.9 | 0.2 | 0.1 - 0.3 | 2,780 |
| Riau Islands | 82.9 | 78.1 - 86.8 | 5.8 | 4.5 - 7.4 | 11.1 | 7.4 - 16.5 | 0.2 | 0.1 - 0.6 | 3,998 |
| DKI Jakarta | 88.1 | 86.1 - 89.8 | 8.0 | 6.8 - 9.3 | 3.7 | 2.7 - 5.0 | 0.2 | 0.1 - 0.4 | 19,996 |
| West Java | 85.5 | 84.5 - 86.4 | 11.4 | 10.7 - 12.2 | 2.9 | 2.6 - 3.2 | 0.2 | 0.2 - 0.3 | 90,972 |
| Central Java | 87.4 | 86.6 - 88.3 | 8.4 | 7.9 - 9.1 | 3.9 | 3.4 - 4.4 | 0.2 | 0.2 - 0.3 | 66,959 |
| DI Yogyakarta | 89.6 | 88.1 - 90.9 | 8.9 | 7.7 - 10.3 | 1.2 | 0.9 - 1.6 | 0.3 | 0.1 - 0.5 | 6,555 |
| East Java | 91.9 | 91.2 - 92.5 | 5.2 | 4.8 - 5.7 | 2.7 | 2.3 - 3.1 | 0.2 | 0.2 - 0.3 | 75,205 |
| Banten | 86.8 | 84.6 - 88.6 | 7.4 | 6.4 - 8.5 | 5.5 | 4.4 - 7.0 | 0.3 | 0.2 - 0.6 | 22,560 |
| Bali | 95.8 | 95.0 - 96.5 | 2.5 | 2.1 - 3.1 | 1.5 | 1.1 - 1.9 | 0.2 | 0.1 - 0.3 | 8,001 |
| West Nusa Tenggara | 91.3 | 89.6 - 92.7 | 4.2 | 3.5 - 5.1 | 4.3 | 3.1 - 5.8 | 0.2 | 0.1 - 0.4 | 9,737 |
| East Nusa Tenggara | 86.8 | 85.6 - 87.8 | 8.1 | 7.4 - 9.0 | 4.9 | 4.2 - 5.6 | 0.2 | 0.2 - 0.3 | 9,339 |
| West Kalimantan | 88.3 | 86.9 - 89.7 | 6.9 | 6.0 - 8.0 | 4.5 | 3.7 - 5.4 | 0.3 | 0.2 - 0.4 | 10,140 |
| Central Kalimantan | 84.9 | 83.1 - 86.6 | 6.9 | 5.9 - 8.0 | 7.9 | 6.7 - 9.4 | 0.3 | 0.2 - 0.4 | 5,053 |
| South Kalimantan | 84.9 | 83.3 - 86.5 | 9.0 | 7.9 - 10.3 | 5.8 | 5.0 - 6.8 | 0.2 | 0.2 - 0.3 | 7,578 |
| East Kalimantan | 81.8 | 79.5 - 84.0 | 12.5 | 10.6 - 14.6 | 5.4 | 4.5 - 6.4 | 0.3 | 0.2 - 0.5 | 7,289 |
| North Kalimantan | 88.1 | 85.2 - 90.5 | 6.2 | 4.8 - 8.0 | 5.5 | 3.9 - 7.8 | 0.2 | 0.1 - 0.6 | 1,347 |
| North Sulawesi | 84.2 | 82.7 - 85.6 | 8.5 | 7.6 - 9.5 | 6.9 | 6.0 - 7.9 | 0.3 | 0.2 - 0.5 | 4,761 |
| Central Sulawesi | 82.7 | 81.0 - 84.3 | 10.9 | 9.7 - 12.1 | 6.0 | 5.2 - 7.1 | 0.4 | 0.3 - 0.5 | 5,525 |
| South Sulawesi | 82.7 | 81.5 - 83.9 | 9.9 | 9.0 - 10.9 | 6.9 | 6.2 - 7.6 | 0.5 | 0.4 - 0.6 | 16,687 |
| South East Sulawesi | 86.7 | 85.4 - 87.9 | 7.6 | 6.7 - 8.5 | 5.4 | 4.7 - 6.1 | 0.3 | 0.2 - 0.5 | 4,770 |
| Gorontalo | 89.6 | 88.1 - 90.9 | 6.0 | 5.2 - 7.1 | 4.1 | 3.3 - 5.0 | 0.3 | 0.2 - 0.6 | 2,230 |
| West Sulawesi | 74.8 | 71.5 - 77.9 | 10.4 | 8.5 - 12.7 | 14.1 | 11.6 - 17.1 | 0.7 | 0.4 - 1.0 | 2,587 |
| Maluku | 85.7 | 83.9 - 87.4 | 8.7 | 7.4 - 10.2 | 5.3 | 4.4 - 6.4 | 0.2 | 0.1 - 0.4 | 3,425 |
| North Maluku | 82.4 | 79.4 - 85.1 | 6.8 | 5.7 - 8.2 | 10.5 | 8.1 - 13.5 | 0.2 | 0.1 - 0.4 | 2,384 |
| West Papua | 78.2 | 73.6 - 82.2 | 12.8 | 9.7 - 16.7 | 8.7 | 6.6 - 11.3 | 0.3 | 0.1 - 0.9 | 1,039 |
| Southwest Papua | 86.0 | 83.2 - 88.3 | 9.3 | 7.4 - 11.6 | 4.5 | 3.6 - 5.6 | 0.3 | 0.1 - 0.7 | 1,142 |
| Papua | 85.9 | 83.1 - 88.3 | 8.6 | 6.8 - 10.9 | 5.3 | 3.8 - 7.3 | 0.2 | 0.1 - 0.4 | 1,715 |
| South Papua | 85.5 | 81.8 - 88.5 | 7.0 | 5.3 - 9.3 | 7.3 | 5.5 - 9.7 | 0.2 | 0.1 - 0.6 | 811 |
| Central Papua | 72.8 | 65.6 - 79.0 | 12.0 | 6.9 - 19.9 | 14.7 | 9.1 - 22.9 | 0.6 | 0.1 - 3.4 | 2,885 |
| Highland Papua | 82.0 | 77.6 - 85.6 | 9.3 | 7.2 - 11.9 | 8.4 | 6.1 - 11.5 | 0.3 | 0.2 - 0.8 | 3,016 |
| INDONESIA | 87.3 | 87.0 - 87.6 | 8.1 | 7.9 - 8.3 | 4.3 | 4.2 - 4.5 | 0.3 | 0.2 - 0.3 | 501,037 |

5. Prevalence of Disability Level in Population Aged 18-59 Years old by Characteristic.

The prevalence of disability level in the population aged 18-59 years can be grouped according to characteristics such as Age Range, Sex, Education, Occupation, Residence and Economic Status. The prevalence of disability level is calculated by the total population aged 18-59 years old according to Characteristic and the disability level compared to the total population aged 18-59 years old:

Total population aged 18-59 years old with disability level on X
Characteristic

Total population aged 18-59 years old

$\times 100\%$

Table 8. 15 Prevalence of Disability Level in Population Aged 18-59 by Characteristic, 2023 SKI

| Characteristic | Disability Level | | | | | | | | Weighted N | |
|--|------------------|-------------|-----------------|-------------|---------------------|-----------|-------------------------------|-----------|------------|--|
| | No Difficulty | | Mild Difficulty | | Moderate Difficulty | | Severe Difficulty/ Incapacity | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Age Range (Year) | | | | | | | | | | |
| 18 – 24 | 89.2 | 88.7 - 89.7 | 7.0 | 6.6 - 7.4 | 3.6 | 3.3 - 4.0 | 0.2 | 0.1 - 0.3 | 90,076 | |
| 25 – 34 | 89.0 | 88.6 - 89.4 | 7.0 | 6.6 - 7.3 | 3.9 | 3.7 - 4.1 | 0.1 | 0.1 - 0.2 | 133,542 | |
| 35 – 44 | 88.5 | 88.1 - 88.9 | 7.2 | 6.9 - 7.5 | 4.2 | 4.0 - 4.4 | 0.1 | 0.1 - 0.2 | 125,680 | |
| 45 – 54 | 85.3 | 84.8 - 85.7 | 9.5 | 9.2 - 9.9 | 4.8 | 4.6 - 5.1 | 0.4 | 0.3 - 0.4 | 108,413 | |
| 55 – 59 | 79.5 | 78.9 - 80.2 | 13.1 | 12.5 - 13.7 | 6.5 | 6.2 - 6.9 | 0.9 | 0.8 - 1.0 | 43,327 | |
| Sex | | | | | | | | | | |
| Male | 88.9 | 88.6 - 89.3 | 6.7 | 6.4 - 7.0 | 4.1 | 4.0 - 4.3 | 0.2 | 0.2 - 0.3 | 252,461 | |
| Female | 85.6 | 85.3 - 86.0 | 9.5 | 9.3 - 9.8 | 4.5 | 4.4 - 4.7 | 0.3 | 0.3 - 0.3 | 248,576 | |
| Education | | | | | | | | | | |
| Never attended school | 81.6 | 80.4 - 82.8 | 10.0 | 9.1 - 10.9 | 7.4 | 6.6 - 8.2 | 1.0 | 0.8 - 1.3 | 14,652 | |
| Some primary school/Islamic primary school | 83.0 | 81.9 - 84.1 | 10.1 | 9.4 - 10.9 | 6.3 | 5.5 - 7.2 | 0.6 | 0.4 - 0.7 | 24,998 | |
| Primary school/Islamic primary school graduate | 85.2 | 84.7 - 85.6 | 9.6 | 9.2 - 10.0 | 4.9 | 4.6 - 5.1 | 0.4 | 0.3 - 0.4 | 111,687 | |
| Junior secondary school/Islamic junior secondary school graduate | 88.1 | 87.7 - 88.5 | 7.5 | 7.2 - 7.9 | 4.2 | 3.9 - 4.4 | 0.2 | 0.2 - 0.2 | 101,109 | |
| Senior secondary school/Islamic senior secondary school graduate | 88.6 | 88.2 - 88.9 | 7.5 | 7.1 - 7.8 | 3.8 | 3.6 - 4.0 | 0.2 | 0.1 - 0.2 | 193,368 | |
| D1/D2/D3/university graduate | 89.1 | 88.6 - 89.6 | 7.0 | 6.6 - 7.4 | 3.7 | 3.5 - 4.0 | 0.1 | 0.1 - 0.2 | 55,223 | |
| Occupation | | | | | | | | | | |
| Unemployed | 84.5 | 84.1 - 84.9 | 10.0 | 9.6 - 10.3 | 5.0 | 4.7 - 5.2 | 0.6 | 0.5 - 0.6 | 149,401 | |
| Student | 89.7 | 88.9 - 90.4 | 7.0 | 6.3 - 7.7 | 3.2 | 2.9 - 3.7 | 0.1 | 0.1 - 0.2 | 25,856 | |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 88.9 | 88.2 - 89.6 | 6.8 | 6.2 - 7.4 | 4.2 | 3.8 - 4.6 | 0.2 | 0.1 - 0.3 | 17,210 | |
| Private employee | 90.6 | 90.0 - 91.1 | 6.1 | 5.7 - 6.6 | 3.3 | 3.0 - 3.6 | 0.0 | 0.0 - 0.1 | 69,708 | |
| Self-employed | 88.5 | 88.0 - 88.9 | 7.6 | 7.2 - 8.0 | 3.8 | 3.6 - 4.1 | 0.1 | 0.1 - 0.2 | 86,585 | |
| Farmer/farm worker | 87.2 | 86.6 - 87.7 | 7.6 | 7.2 - 8.0 | 5.1 | 4.8 - 5.4 | 0.2 | 0.2 - 0.2 | 72,770 | |
| Fisher | 89.3 | 87.8 - 90.7 | 6.6 | 5.6 - 7.7 | 4.0 | 3.1 - 5.0 | 0.1 | 0.1 - 0.2 | 4,461 | |
| Labor/driver/domestic help | 87.9 | 87.0 - 88.6 | 8.1 | 7.5 - 8.7 | 3.9 | 3.5 - 4.5 | 0.1 | 0.1 - 0.2 | 44,658 | |
| Others | 86.4 | 85.7 - 87.1 | 8.4 | 7.9 - 9.0 | 5.0 | 4.5 - 5.4 | 0.2 | 0.2 - 0.3 | 30,388 | |
| Residence | | | | | | | | | | |
| Urban | 87.2 | 86.8 - 87.6 | 8.6 | 8.3 - 8.9 | 3.9 | 3.7 - 4.1 | 0.3 | 0.2 - 0.3 | 294,828 | |
| Rural | 87.4 | 86.9 - 87.8 | 7.4 | 7.1 - 7.8 | 5.0 | 4.7 - 5.2 | 0.3 | 0.2 - 0.3 | 206,209 | |
| Economic Status | | | | | | | | | | |
| Lowest | 85.2 | 84.5 - 85.9 | 8.5 | 8.0 - 9.1 | 5.8 | 5.3 - 6.3 | 0.5 | 0.4 - 0.5 | 65,821 | |
| Lower middle | 87.0 | 86.5 - 87.5 | 8.0 | 7.7 - 8.4 | 4.7 | 4.4 - 5.0 | 0.3 | 0.2 - 0.4 | 88,984 | |
| Middle | 87.6 | 87.1 - 88.0 | 7.8 | 7.5 - 8.2 | 4.3 | 4.1 - 4.6 | 0.3 | 0.2 - 0.3 | 107,029 | |
| Upper middle | 87.6 | 87.1 - 88.1 | 8.2 | 7.8 - 8.6 | 4.0 | 3.8 - 4.2 | 0.2 | 0.2 - 0.2 | 119,873 | |
| Highest | 88.1 | 87.6 - 88.6 | 8.1 | 7.7 - 8.5 | 3.6 | 3.4 - 3.9 | 0.2 | 0.1 - 0.2 | 119,295 | |

6. Proportion of Disabled Persons Using Health Service Facilities in Population Aged 18-59 Years old by Province.

Residents with disabilities utilize health service facilities for disability problems such as (D33)

- | | |
|----------------------------|---------------------------------|
| 1. Community Health Center | 5. Drug Store |
| 2. Hospital | 6. Traditional Medication |
| 3. Private Health Center | 7. Do not use health facilities |
| 4. Clinic | |

The proportion of population aged 18-59 years old with disabilities using health services is calculated by the total population aged 18-59 years old with disabilities and use health services compared to the total population aged 18-59 years with disabilities.

$$\frac{\text{Total population aged 18-59 years old with disabilities and use health services in A Province}}{\text{Total population aged 18-59 years with disabilities in A Province}} \times 100\%$$

Table 8. 16 Proportion of People with Disabilities who Use Health Service Facilities for Disability Problems in Population Aged 18 – 59 by Province, 2023 SKI

| Province | Community Health Center % | Hospital % | Private Health Center % | Clinic % | Drug Store % | Traditional Medication % | Do not use health facilities % | Weighted N |
|---------------------|---------------------------|-------------|-------------------------|------------|--------------|--------------------------|--------------------------------|---------------|
| Aceh | 46.1 | 11.9 | 16.1 | 3.9 | 0.6 | 0.8 | 20.6 | 539 |
| North Sumatra | 20.1 | 11.1 | 10.1 | 9.6 | 0.5 | 1.2 | 47.4 | 1,224 |
| West Sumatra | 30.3 | 13.6 | 12.9 | 5.4 | 2.3 | 1.6 | 33.8 | 430 |
| Riau | 30.8 | 14.6 | 10.8 | 7.7 | 0.5 | 0.9 | 34.7 | 409 |
| Jambi | 31.9 | 12.5 | 13.6 | 3.7 | 0.3 | 0.8 | 37.2 | 152 |
| South Sumatra | 32.7 | 11.3 | 13.5 | 5.3 | 0.2 | 1.0 | 36.1 | 579 |
| Bengkulu | 40.1 | 11.0 | 16.4 | 5.4 | 1.1 | 1.5 | 24.5 | 89 |
| Lampung | 31.1 | 14.9 | 17.5 | 8.1 | 0.4 | 1.9 | 26.2 | 413 |
| Bangka Belitung | 24.6 | 11.9 | 13.1 | 2.2 | 0.6 | 0.5 | 47.1 | 77 |
| Riau Islands | 33.9 | 12.0 | 4.6 | 6.2 | 1.8 | 0.1 | 41.5 | 142 |
| DKI Jakarta | 19.6 | 13.9 | 1.9 | 4.9 | 0.3 | 1.6 | 57.9 | 1,031 |
| West Java | 16.9 | 8.8 | 7.0 | 6.2 | 0.6 | 0.8 | 59.6 | 7,141 |
| Central Java | 17.5 | 11.1 | 7.2 | 3.1 | 1.6 | 0.9 | 58.6 | 3,788 |
| DI Yogyakarta | 15.5 | 11.8 | 3.1 | 2.3 | 1.4 | 0.3 | 65.6 | 440 |
| East Java | 20.0 | 13.0 | 14.3 | 3.3 | 1.5 | 1.3 | 46.7 | 2,176 |
| Banten | 25.6 | 11.2 | 6.9 | 13.9 | 0.7 | 0.7 | 40.9 | 1,368 |
| Bali | 33.8 | 23.1 | 5.2 | 3.8 | 0.0 | 2.9 | 31.2 | 99 |
| West Nusa Tenggara | 37.8 | 10.7 | 8.1 | 2.3 | 0.7 | 2.2 | 38.1 | 288 |
| East Nusa Tenggara | 35.2 | 7.3 | 2.7 | 2.8 | 0.7 | 0.7 | 50.5 | 546 |
| West Kalimantan | 33.8 | 5.3 | 15.2 | 3.5 | 1.1 | 1.0 | 40.1 | 409 |
| Central Kalimantan | 36.0 | 9.7 | 12.7 | 4.4 | 1.7 | 0.1 | 35.4 | 165 |
| South Kalimantan | 24.9 | 9.3 | 8.2 | 1.9 | 0.8 | 1.9 | 52.9 | 319 |
| East Kalimantan | 20.9 | 8.9 | 3.7 | 6.4 | 0.3 | 1.1 | 58.8 | 609 |
| North Kalimantan | 34.6 | 11.0 | 6.8 | 1.1 | 0.6 | 0.5 | 45.4 | 54 |
| North Sulawesi | 42.2 | 8.4 | 7.8 | 4.3 | 0.7 | 0.3 | 36.5 | 316 |
| Central Sulawesi | 33.5 | 7.9 | 3.7 | 3.0 | 1.6 | 1.2 | 49.1 | 303 |
| South Sulawesi | 30.4 | 7.1 | 3.4 | 4.7 | 0.5 | 0.9 | 52.9 | 1,278 |
| South East Sulawesi | 43.7 | 8.4 | 2.8 | 2.4 | 0.2 | 0.8 | 41.7 | 278 |
| Gorontalo | 36.2 | 6.4 | 14.2 | 5.0 | 0.4 | 4.1 | 33.7 | 76 |
| West Sulawesi | 54.7 | 2.9 | 5.1 | 3.3 | 0.3 | 1.9 | 31.8 | 190 |
| Maluku | 45.6 | 8.2 | 5.9 | 1.9 | 0.6 | 1.5 | 36.3 | 121 |
| North Maluku | 58.7 | 9.3 | 7.1 | 0.9 | 0.1 | 1.2 | 22.8 | 104 |
| West Papua | 65.0 | 3.9 | 1.8 | 1.0 | 2.9 | 1.6 | 23.9 | 105 |
| Southwest Papua | 52.5 | 3.6 | 2.2 | 1.8 | 12.5 | 0.0 | 27.4 | 77 |
| Papua | 53.7 | 12.2 | 4.6 | 2.0 | 0.2 | 0.3 | 26.8 | 110 |
| South Papua | 50.2 | 7.7 | 5.0 | 3.5 | 0.0 | 0.0 | 33.7 | 17* |
| Central Papua | 20.9 | 4.2 | 1.5 | 1.9 | 5.8 | 0.0 | 65.6 | 244 |
| Highland Papua | 53.3 | 4.2 | 6.0 | 0.0 | 0.0 | 0.7 | 35.9 | 159 |
| INDONESIA | 24.0 | 10.2 | 7.9 | 5.3 | 0.9 | 1.0 | 50.7 | 25,865 |

* Weighted N <50

8.4 DEPENDENCE LEVEL ON OTHER PEOPLE IN POPULATION AGED \geq 60 YEARS OLD

The disability measurement in population aged \geq 60 years old does not measure disability or level of disability but instead measures the dependence level on other people in daily life.

This questionnaire measuring dependency at aged \geq 60 years old refers to **the Barthel Index of Activities of Daily Living (ADL)**. Questions consist of 10 types with answers given a score for each answer. The purpose of this question is to:

1. Assess the independence level of household members aged \geq 60 years old in carrying out daily activities;
2. Assess the progress of household members with chronic diseases before and after therapy;
3. Determine how much care assistance is needed by household members aged \geq 60 years.
4. Determine who is taking care of the household members.
5. Determine the disease suffered.

Dependence on other people according to **the Barthel Index of Activities of Daily Living (ADL)** can be scored to see the level of dependence. Each respondent's answer is worth a score according to the Barthel Index. Example D34; In the last 1 month, has [NAME] been able to control the urge to defecate?; if the answer is "Uncontrolled/irregular or needs laxatives, a score of zero is given; (0)"; if the answer is Sometimes uncontrollable (1x/week)", given a score of five (+5); if the answer is Controlled regularly, a score of ten (+10) is given. To determine the dependency level, add up the answers to questions D34 to D43 contained in the answers to question D43a. Then the dependency level grouping is carried out as follows:

| Dependency Level | Total Score |
|---------------------|-------------|
| Independent | ≥ 80 |
| Mild Dependency | 60–79 |
| Moderate Dependency | 40–59 |
| Severe Dependency | 20–39 |
| Total Dependency | <20 |

1. Prevalence of Dependency Levels in Population Aged \geq 60 Years by Province

The prevalence of dependency level on other people for daily life is determined by the total population with a level of independent or mild dependency or moderate dependency or severe dependency or total dependency for at least the last 1 month in the population aged \geq 60 years in A Province compared to the total population aged \geq 60 year in A Province.

$$\frac{\text{Total population with a level of independent or mild dependency or moderate dependency or severe dependency or total dependency aged } \geq 60 \text{ years old in A Province}}{\text{Total population aged } \geq 60 \text{ years old in A Province}} \times 100\%$$

Table 8. 17 Prevalence of Dependency Level in Population Aged ≥ 60 by Province, 2023 SKI

| Province | Independent | | Mild Dependency | | Moderate Dependency | | Severe Dependency | | Total Dependency | | Weighted N |
|---------------------|-------------|--------------------|--------------------|------------------|------------------------|------------------|----------------------|------------------|---------------------|------------------|---------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 91.5 | 90.2 - 92.7 | 3.7 | 3.0 - 4.7 | 2.0 | 1.5 - 2.8 | 1.2 | 0.8 - 1.7 | 1.5 | 1.1 - 2.1 | 1,538 |
| North Sumatra | 94.1 | 93.0 - 95.0 | 2.6 | 2.0 - 3.4 | 1.5 | 1.1 - 2.1 | 1.0 | 0.6 - 1.6 | 0.7 | 0.5 - 1.0 | 4,605 |
| West Sumatra | 94.7 | 93.6 - 95.6 | 2.2 | 1.6 - 3.0 | 1.1 | 0.7 - 1.6 | 0.7 | 0.4 - 1.0 | 1.4 | 1.0 - 2.0 | 2,060 |
| Riau | 92.8 | 90.9 - 94.3 | 2.7 | 1.9 - 4.0 | 1.7 | 1.0 - 2.9 | 1.1 | 0.6 - 1.9 | 1.7 | 1.0 - 2.7 | 1,622 |
| Jambi | 94.6 | 93.1 - 95.7 | 2.7 | 1.9 - 3.8 | 1.3 | 0.8 - 2.2 | 0.8 | 0.4 - 1.4 | 0.7 | 0.4 - 1.3 | 1,053 |
| South Sumatra | 95.1 | 94.0 - 96.1 | 2.1 | 1.5 - 2.9 | 1.3 | 0.8 - 1.8 | 0.6 | 0.4 - 1.1 | 0.9 | 0.6 - 1.3 | 2,710 |
| Bengkulu | 96.0 | 94.7 - 97.0 | 1.3 | 0.8 - 2.0 | 1.0 | 0.5 - 1.9 | 0.8 | 0.4 - 1.5 | 1.0 | 0.6 - 1.6 | 620 |
| Lampung | 94.4 | 93.2 - 95.5 | 1.9 | 1.3 - 2.8 | 1.5 | 1.0 - 2.3 | 1.0 | 0.6 - 1.5 | 1.1 | 0.7 - 1.8 | 3,117 |
| Bangka Belitung | 94.7 | 92.8 - 96.1 | 2.0 | 1.1 - 3.5 | 1.2 | 0.7 - 2.2 | 1.0 | 0.5 - 1.9 | 1.1 | 0.6 - 2.1 | 451 |
| Riau Islands | 98.2 | 97.3 - 98.8 | 0.6 | 0.3 - 1.1 | 0.4 | 0.2 - 0.9 | 0.5 | 0.2 - 1.2 | 0.3 | 0.1 - 0.7 | 488 |
| DKI Jakarta | 94.1 | 92.2 - 95.6 | 2.7 | 1.8 - 4.1 | 1.2 | 0.6 - 2.2 | 0.6 | 0.2 - 1.3 | 1.4 | 0.8 - 2.5 | 3,593 |
| West Java | 95.1 | 94.3 - 95.8 | 2.6 | 2.1 - 3.2 | 0.9 | 0.7 - 1.3 | 0.5 | 0.3 - 0.8 | 0.9 | 0.6 - 1.2 | 16,537 |
| Central Java | 95.8 | 95.2 - 96.3 | 1.5 | 1.2 - 1.8 | 1.0 | 0.7 - 1.2 | 0.8 | 0.6 - 1.0 | 1.0 | 0.8 - 1.3 | 15,952 |
| DI Yogyakarta | 95.7 | 94.5 - 96.7 | 1.4 | 0.9 - 2.2 | 0.8 | 0.5 - 1.4 | 1.0 | 0.6 - 1.8 | 1.0 | 0.6 - 1.7 | 1,997 |
| East Java | 95.5 | 95.0 - 96.0 | 1.8 | 1.5 - 2.1 | 1.0 | 0.8 - 1.2 | 0.6 | 0.4 - 0.8 | 1.1 | 0.9 - 1.4 | 18,859 |
| Banten | 95.7 | 94.0 - 97.0 | 1.5 | 0.9 - 2.5 | 1.2 | 0.6 - 2.2 | 0.9 | 0.4 - 2.2 | 0.7 | 0.3 - 1.7 | 3,290 |
| Bali | 94.9 | 93.8 - 95.9 | 2.5 | 1.8 - 3.4 | 1.0 | 0.6 - 1.6 | 0.9 | 0.6 - 1.3 | 0.8 | 0.5 - 1.3 | 1,956 |
| West Nusa Tenggara | 95.0 | 92.7 - 96.7 | 1.6 | 0.7 - 4.1 | 1.4 | 0.7 - 2.9 | 0.7 | 0.3 - 1.3 | 1.2 | 0.7 - 2.1 | 1,588 |
| East Nusa Tenggara | 94.8 | 93.9 - 95.5 | 2.6 | 2.1 - 3.4 | 1.0 | 0.8 - 1.4 | 0.8 | 0.6 - 1.2 | 0.7 | 0.5 - 1.1 | 1,673 |
| West Kalimantan | 94.0 | 92.5 - 95.2 | 2.5 | 1.7 - 3.6 | 1.5 | 0.9 - 2.4 | 1.1 | 0.7 - 1.9 | 0.9 | 0.5 - 1.5 | 1,614 |
| Central Kalimantan | 93.9 | 92.1 - 95.4 | 2.2 | 1.4 - 3.5 | 1.4 | 0.8 - 2.6 | 0.6 | 0.3 - 1.4 | 1.8 | 1.1 - 3.1 | 736 |
| South Kalimantan | 94.4 | 92.7 - 95.7 | 1.9 | 1.3 - 2.7 | 1.1 | 0.5 - 2.2 | 1.1 | 0.6 - 1.8 | 1.6 | 0.9 - 2.9 | 1,237 |
| East Kalimantan | 95.5 | 93.5 - 96.9 | 2.2 | 1.3 - 3.8 | 1.1 | 0.5 - 2.2 | 0.8 | 0.3 - 2.0 | 0.4 | 0.2 - 1.1 | 1,064 |
| North Kalimantan | 96.4 | 94.3 - 97.8 | 2.1 | 1.1 - 3.7 | 0.1 | 0.0 - 0.4 | 0.3 | 0.1 - 1.2 | 1.2 | 0.5 - 2.9 | 184 |
| North Sulawesi | 95.5 | 94.4 - 96.4 | 2.0 | 1.4 - 2.8 | 1.2 | 0.8 - 1.8 | 0.4 | 0.2 - 0.8 | 0.9 | 0.6 - 1.5 | 1,122 |
| Central Sulawesi | 94.1 | 92.5 - 95.3 | 3.2 | 2.2 - 4.6 | 1.3 | 0.9 - 2.1 | 0.4 | 0.2 - 0.9 | 1.0 | 0.6 - 1.7 | 893 |
| South Sulawesi | 94.0 | 92.9 - 94.9 | 2.4 | 1.8 - 3.2 | 1.6 | 1.1 - 2.2 | 0.9 | 0.6 - 1.4 | 1.1 | 0.8 - 1.6 | 3,258 |
| South East Sulawesi | 94.6 | 93.0 - 95.8 | 2.1 | 1.5 - 2.9 | 1.1 | 0.5 - 2.4 | 0.9 | 0.5 - 1.6 | 1.3 | 0.8 - 2.0 | 716 |
| Gorontalo | 96.1 | 94.2 - 97.4 | 2.2 | 1.3 - 3.7 | 1.1 | 0.5 - 2.8 | 0.2 | 0.0 - 0.7 | 0.4 | 0.2 - 0.9 | 374 |
| West Sulawesi | 93.6 | 90.8 - 95.5 | 4.1 | 2.4 - 6.7 | 1.1 | 0.4 - 2.6 | 0.1 | 0.0 - 0.7 | 1.2 | 0.5 - 2.6 | 386 |
| Maluku | 95.1 | 93.3 - 96.4 | 2.4 | 1.5 - 3.9 | 1.2 | 0.7 - 1.8 | 0.4 | 0.1 - 1.0 | 0.9 | 0.5 - 1.9 | 549 |
| North Maluku | 95.1 | 93.2 - 96.5 | 2.3 | 1.4 - 3.8 | 0.8 | 0.3 - 2.1 | 0.4 | 0.2 - 0.9 | 1.3 | 0.8 - 2.3 | 333 |
| Southwest Papua | 93.2 | 89.4 - 95.7 | 2.6 | 1.4 - 4.8 | 2.6 | 0.9 - 7.2 | 1.0 | 0.2 - 5.0 | 0.6 | 0.2 - 1.6 | 109 |
| Papua | 96.8 | 94.1 - 98.2 | 1.1 | 0.5 - 2.3 | 1.1 | 0.5 - 2.5 | 0.0 | 0.0 - 0.0 | 1.0 | 0.3 - 4.0 | 141 |
| South Papua | 92.7 | 89.6 - 95.0 | 3.6 | 2.2 - 5.9 | 1.8 | 0.8 - 3.9 | 0.8 | 0.2 - 2.6 | 1.2 | 0.3 - 4.2 | 245 |
| Central Papua | 93.0 | 84.4 - 97.1 | 1.4 | 0.5 - 3.6 | 1.2 | 0.4 - 3.8 | 2.9 | 0.4 - 17.8 | 1.4 | 0.5 - 3.9 | 104 |
| Highland Papua | 85.4 | 74.4 - 92.1 | 2.7 | 0.9 - 8.5 | 5.8 | 1.1 - 25.4 | 2.7 | 0.3 - 17.8 | 3.4 | 1.1 - 10.7 | 235 |
| Southwest Papua | 87.0 | 77.0 - 93.1 | 4.0 | 1.4 - 10.7 | 2.2 | 0.8 - 5.9 | 2.3 | 1.9 - 2.9 | 4.5 | 0.7 - 22.9 | 329 |
| INDONESIA | 95.0 | 94.7 - 95.2 | 2.1 | 2.0 - 2.3 | 1.1 | 1.0 - 1.2 | 0.7 | 0.7 - 0.8 | 1.0 | 0.9 - 1.2 | 97,339 |

2. Prevalence of Dependency Level in Population Aged ≥ 60 by Characteristic

The prevalence of dependency levels in the population ≥60 years old is differentiated based on the characteristics of age range, sex, education, and residence. The calculation is the total population with a level of Independent or Mild Dependency or Moderate Dependency or Severe Dependency or Total Dependency for at least the last 1 month in the population aged ≥ 60 years old in X group characteristic compared to the total population aged ≥ 60 years old in X characteristic.

Total population aged ≥ 60 years old with certain Dependency Level on X
Characteristic

$\times 100\%$

Total population aged ≥ 60 years old on X Characteristic

Table 8. 18 Prevalence of Dependency Level in Population Aged ≥ 60 by Characteristic, 2023 SKI

| Characteristic | Independent | | Mild Dependency | | Moderate Dependency | | Severe Dependency | | Total Dependency | | Weighted N |
|--|-------------|-------------|-----------------|-----------|---------------------|-----------|-------------------|-----------|------------------|-----------|------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | | | | | | | |
| 60 – 69 | 97.0 | 96.8 - 97.2 | 1.2 | 1.0 - 1.3 | 0.7 | 0.6 - 0.8 | 0.4 | 0.3 - 0.4 | 0.8 | 0.7 - 1.0 | 63,051 |
| 70 – 79 | 93.6 | 93.1 - 94.0 | 2.9 | 2.5 - 3.2 | 1.5 | 1.3 - 1.8 | 1.0 | 0.8 - 1.2 | 1.0 | 0.8 - 1.3 | 26,722 |
| 80+ | 83.3 | 81.9 - 84.7 | 7.2 | 6.3 - 8.2 | 3.7 | 3.1 - 4.5 | 2.9 | 2.3 - 3.6 | 2.9 | 2.4 - 3.5 | 7,566 |
| Sex | | | | | | | | | | | |
| Male | 95.6 | 95.3 - 95.9 | 1.7 | 1.5 - 1.9 | 1.1 | 1.0 - 1.3 | 0.5 | 0.4 - 0.6 | 1.1 | 0.9 - 1.2 | 46,759 |
| Female | 94.4 | 94.1 - 94.7 | 2.5 | 2.3 - 2.7 | 1.1 | 1.0 - 1.3 | 1.0 | 0.8 - 1.1 | 1.0 | 0.9 - 1.2 | 50,580 |
| Education | | | | | | | | | | | |
| Never attended school | 92.1 | 91.2 - 92.9 | 3.2 | 2.6 - 3.9 | 1.7 | 1.4 - 2.1 | 1.4 | 1.1 - 1.8 | 1.6 | 1.2 - 2.1 | 12,120 |
| Some primary school/Islamic primary school | 94.8 | 94.2 - 95.4 | 2.4 | 2.1 - 2.8 | 1.2 | 0.9 - 1.5 | 0.7 | 0.6 - 1.0 | 0.8 | 0.6 - 1.1 | 14,373 |
| Primary school/Islamic primary school graduate | 95.3 | 95.0 - 95.6 | 2.0 | 1.8 - 2.2 | 1.1 | 0.9 - 1.2 | 0.7 | 0.6 - 0.8 | 0.9 | 0.8 - 1.1 | 43,451 |
| Junior secondary school/Islamic junior secondary school graduate | 95.1 | 94.4 - 95.8 | 2.1 | 1.6 - 2.7 | 1.0 | 0.8 - 1.3 | 0.6 | 0.4 - 0.9 | 1.2 | 0.9 - 1.6 | 9,106 |
| Senior secondary school/Islamic senior secondary school graduate | 96.0 | 95.4 - 96.5 | 1.5 | 1.2 - 1.9 | 1.0 | 0.7 - 1.3 | 0.5 | 0.4 - 0.7 | 1.0 | 0.7 - 1.3 | 12,124 |
| D1/D2/D3/university graduate | 96.4 | 95.6 - 97.0 | 1.4 | 1.0 - 1.9 | 0.8 | 0.5 - 1.1 | 0.4 | 0.2 - 0.6 | 1.2 | 0.8 - 1.7 | 6,164 |
| Residence | | | | | | | | | | | |
| Urban | 94.9 | 94.6 - 95.2 | 2.1 | 1.9 - 2.3 | 1.2 | 1.0 - 1.3 | 0.8 | 0.7 - 0.9 | 1.0 | 0.9 - 1.2 | 56,264 |
| Rural | 95.0 | 94.7 - 95.4 | 2.2 | 1.9 - 2.4 | 1.1 | 1.0 - 1.3 | 0.6 | 0.5 - 0.8 | 1.1 | 0.9 - 1.3 | 41,075 |
| Economic Status | | | | | | | | | | | |
| Lowest | 94.2 | 93.7 - 94.6 | 2.5 | 2.2 - 2.8 | 1.3 | 1.1 - 1.5 | 0.9 | 0.7 - 1.1 | 1.1 | 0.9 - 1.4 | 22,394 |
| Lower middle | 94.8 | 94.3 - 95.3 | 2.2 | 1.9 - 2.6 | 1.1 | 0.9 - 1.3 | 0.8 | 0.7 - 1.1 | 1.0 | 0.8 - 1.2 | 20,268 |
| Middle | 95.4 | 94.9 - 95.9 | 1.8 | 1.5 - 2.1 | 1.1 | 0.9 - 1.4 | 0.7 | 0.6 - 1.0 | 1.0 | 0.8 - 1.2 | 18,787 |
| Upper middle | 95.1 | 94.5 - 95.6 | 2.0 | 1.6 - 2.4 | 1.2 | 0.9 - 1.5 | 0.7 | 0.5 - 0.9 | 1.1 | 0.9 - 1.4 | 18,123 |
| Highest | 95.6 | 95.1 - 96.1 | 2.0 | 1.7 - 2.3 | 1.0 | 0.8 - 1.2 | 0.4 | 0.3 - 0.6 | 1.0 | 0.8 - 1.3 | 17,758 |

3. Proportion of Nurse/Care Giver Category in Severe or Total Dependency Level in Population aged 60 ≥ years old

The proportion is calculated by the total population aged ≥ 60 years old with a level of severe dependency or total dependency for at least the last 1 month who are cared for by the closest family (children, grandchildren, nieces, nephews, etc.) or Domestic Helper or Eldercare Workers or Nurses, compared to total population aged ≥ 60 years old.

Total population aged ≥ 60 years old with Severe Dependency or Total Dependency who are Cared in A Province

————— x 100%

Total population aged ≥ 60 years old with Severe Dependency or Total Dependency in A Province

Table 8. 19 Proportion of Nurse/Care Giver Category at Severe or Total Dependency Level in Population Aged 60 ≥ by Province, 2023 SKI

| Province | Closest Family (children, grandchildren, nieces, nephews, etc.) | | Domestic Helper | | Eldercare Worker | | Nurse | | None | | Weighted N |
|---------------------|---|--------------------|-----------------|--------------------|---------------------|------------------|------------|------------------|------------|------------------|--------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 84.9 | 76.3 - 90.7 | 8.3 | 4.4 - 14.9 | 2.0 | 0.6 - 6.5 | 0.0 | 0.0 - 0.0 | 4.9 | 1.9 - 12.0 | 40* |
| North Sumatra | 88.7 | 83.0 - 92.6 | 9.1 | 5.5 - 14.7 | 0.2 | 0.0 - 1.7 | 0.0 | 0.0 - 0.0 | 2.0 | 0.9 - 4.4 | 78 |
| West Sumatra | 87.4 | 77.7 - 93.3 | 7.1 | 3.1 - 15.3 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 5.5 | 2.3 - 12.6 | 42* |
| Riau | 74.2 | 50.5 - 89.1 | 16.7 | 5.9 - 39.2 | 0.8 | 0.1 - 5.7 | 0.0 | 0.0 - 0.0 | 8.2 | 1.7 - 32.0 | 43* |
| Jambi | 84.6 | 74.3 - 91.3 | 10.3 | 4.1 - 23.4 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 5.1 | 4.4 - 5.9 | 15* |
| South Sumatra | 75.0 | 60.0 - 85.7 | 14.8 | 7.8 - 26.1 | 2.3 | 0.5 - 10.4 | 3.7 | 0.5 - 22.7 | 4.2 | 1.3 - 12.2 | 41* |
| Bengkulu | 77.6 | 57.7 - 89.8 | 16.3 | 6.9 - 33.8 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 6.1 | 1.5 - 21.2 | 11* |
| Lampung | 92.2 | 83.6 - 96.5 | 3.9 | 1.3 - 11.0 | 2.0 | 0.3 - 13.3 | 0.0 | 0.0 - 0.0 | 1.8 | 0.2 - 12.3 | 64 |
| Bangka Belitung | 72.3 | 48.6 - 87.8 | 7.3 | 1.7 - 26.7 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 20.5 | 6.2 - 49.9 | 9* |
| Riau Islands | 83.4 | 52.9 - 95.7 | 16.6 | 4.3 - 47.1 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 4* |
| DKI Jakarta | 81.2 | 58.2 - 93.1 | 13.2 | 3.9 - 36.5 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 5.5 | 0.7 - 31.6 | 71 |
| West Java | 86.1 | 73.7 - 93.2 | 8.9 | 4.2 - 17.8 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 5.0 | 1.2 - 19.2 | 224 |
| Central Java | 78.1 | 69.6 - 84.8 | 20.3 | 13.7 - 28.9 | 0.7 | 0.1 - 3.6 | 0.2 | 0.0 - 1.7 | 0.6 | 0.1 - 4.3 | 273 |
| DI Yogyakarta | 91.1 | 76.7 - 96.9 | 8.7 | 2.9 - 23.2 | 0.3 | 0.0 - 2.1 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 40* |
| East Java | 80.3 | 73.9 - 85.4 | 15.8 | 11.3 - 21.8 | 1.9 | 0.6 - 5.7 | 0.0 | 0.0 - 0.0 | 2.0 | 0.9 - 4.4 | 321 |
| Banten | 59.9 | 27.0 - 85.8 | 35.9 | 11.3 - 71.1 | 0.0 | 0.0 - 0.0 | 4.2 | 0.5 - 27.1 | 0.0 | 0.0 - 0.0 | 52 |
| Bali | 86.7 | 70.2 - 94.7 | 5.6 | 1.0 - 25.8 | 1.2 | 0.2 - 8.1 | 0.0 | 0.0 - 0.0 | 6.5 | 2.1 - 18.5 | 31* |
| West Nusa Tenggara | 82.8 | 65.5 - 92.4 | 9.1 | 3.6 - 21.5 | 7.4 | 1.6 - 27.4 | 0.0 | 0.0 - 0.0 | 0.7 | 0.1 - 5.1 | 29* |
| East Nusa Tenggara | 88.1 | 81.6 - 92.6 | 6.2 | 3.5 - 10.7 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 5.7 | 2.8 - 11.3 | 26* |
| West Kalimantan | 89.8 | 76.3 - 96.1 | 6.6 | 1.6 - 23.1 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 3.6 | 1.7 - 7.6 | 31* |
| Central Kalimantan | 95.6 | 93.4 - 97.1 | 3.5 | 2.3 - 5.3 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 0.9 | 0.1 - 6.4 | 17* |
| South Kalimantan | 70.9 | 42.5 - 88.9 | 11.6 | 3.3 - 33.6 | 13 | 1.8 - 54.6 | 0.0 | 0.0 - 0.0 | 4.5 | 1.6 - 11.8 | 32* |
| East Kalimantan | 89.7 | 87.6 - 91.5 | 10.3 | 8.5 - 12.4 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 13* |
| North Kalimantan | 72.3 | 21.0 - 96.2 | 0.0 | 0.0 - 0.0 | 27.7 | 3.8 - 79.0 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 3* |
| North Sulawesi | 83.7 | 73.9 - 90.3 | 6.5 | 2.2 - 17.6 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 9.8 | 4.8 - 18.8 | 15* |
| Central Sulawesi | 74.5 | 60.7 - 84.6 | 6.3 | 1.9 - 19.4 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 19.2 | 11.3 - 30.8 | 12* |
| South Sulawesi | 87.0 | 79.6 - 91.9 | 6.9 | 4.6 - 10.2 | 3.2 | 0.7 - 12.9 | 0.0 | 0.0 - 0.0 | 2.9 | 1.2 - 7.1 | 64 |
| South East Sulawesi | 88.6 | 77.4 - 94.7 | 4.0 | 0.9 - 15.9 | 3.5 | 3.1 - 4.0 | 0.0 | 0.0 - 0.0 | 3.8 | 0.9 - 14.7 | 15* |
| Gorontalo | 90.8 | 51.4 - 98.9 | 9.2 | 1.1 - 48.6 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 2* |
| West Sulawesi | 73.1 | 62.5 - 81.6 | 2.5 | 1.7 - 3.5 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 24.4 | 16.8 - 34.2 | 5* |
| Maluku | 60.7 | 44.7 - 74.8 | 33.8 | 19.9 - 51.2 | 2.2 | 1.7 - 3.0 | 0.0 | 0.0 - 0.0 | 3.3 | 1.9 - 5.5 | 7* |
| North Maluku | 84.0 | 61.6 - 94.5 | 5.7 | 0.7 - 34.0 | 5.6 | 0.7 - 33.7 | 0.0 | 0.0 - 0.0 | 4.7 | 0.6 - 28.1 | 6* |
| Southwest Papua | 100.0 | 100 - 100 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 2* |
| Papua | 100.0 | 100 - 100 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 1* |
| South Papua | 89.8 | 72.4 - 96.7 | 10.2 | 3.3 - 27.6 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 5* |
| Central Papua | 88.4 | 19.5 - 99.6 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 11.6 | 0.4 - 80.5 | 4* |
| Highland Papua | 5.9 | 5.9 - 5.9 | 14.5 | 14.5 - 14.5 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 79.6 | 79.6 - 79.6 | 14* |
| Southwest Papua | 36.4 | 33.1 - 39.8 | 1.6 | 0.2 - 10.8 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 62.0 | 61.1 - 62.9 | 22* |
| INDONESIA | 80.8 | 78.1 - 83.3 | 12.9 | 10.8 - 15.4 | 1.3 | 0.8 - 2.3 | 0.3 | 0.1 - 0.9 | 4.7 | 3.6 - 6.0 | 1,684 |

* Weighted N <50

4. Prevalence of Dependency Level in Population Aged ≥60 years old by the Disease Suffered.

Prevalence is calculated by the total population aged ≥ 60 years with a level of Independent or Mild dependency or Moderate dependency or Severe dependency or Total dependency for at least 1 month who suffer from Cancer or Diabetes mellitus or Heart disease or Hypertension or Stroke or Chronic Kidney disease, compared to the total population aged ≥ 60 years old. Respondents are referred to as suffering from a disease if they are diagnosed with cancer, DM, heart disease, hypertension, stroke or chronic kidney disease.

$$\frac{\text{Total population aged } \geq 60 \text{ years with a certain Level Dependency who suffer X Disease}}{\text{Total population aged } \geq 60 \text{ years who suffer X Disease}} \times 100\%$$

Table 8. 20 Prevalence of Dependency Level in Population Aged ≥60 by Disease, 2023 SKI

| Disease | Independent | | Mild Dependency | | Moderate Dependency | | Severe Dependency | | Total Dependency | | Weighted N |
|-------------------|-------------|-------------|-----------------|------------|---------------------|------------|-------------------|-----------|------------------|------------|------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Cancer | 90.0 | 86.7 - 92.6 | 2.3 | 1.2 - 4.5 | 5.0 | 3.6 - 7.0 | 1.0 | 0.3 - 3.2 | 1.6 | 0.6 - 4.2 | 293 |
| Diabetes Mellitus | 91.0 | 90.2 - 92.4 | 3.3 | 2.7 - 4.0 | 1.9 | 1.5 - 2.5 | 1.7 | 1.3 - 2.3 | 1.8 | 1.3 - 2.5 | 5,927 |
| Heart Disease | 90.8 | 89.3 - 92.1 | 4.4 | 3.4 - 5.6 | 2.2 | 1.6 - 3.0 | 1.4 | 1.0 - 2.0 | 1.2 | 0.8 - 1.9 | 3,395 |
| Hypertension | 92.4 | 91.8 - 92.9 | 3.3 | 2.9 - 3.7 | 1.7 | 1.4 - 1.9 | 1.2 | 1.0 - 1.5 | 1.4 | 1.2 - 1.7 | 21,351 |
| Stroke | 62.4 | 59.8 - 64.9 | 9.7 | 8.2 - 11.3 | 8.9 | 7.5 - 10.6 | 8.2 | 6.9 - 9.8 | 10.8 | 9.1 - 12.7 | 3,102 |
| Chronic Kidney | 87.5 | 82.0 - 91.5 | 5.3 | 2.7 - 10.3 | 3.6 | 1.7 - 7.3 | 1.1 | 0.9 - 1.3 | 2.5 | 1.2 - 5.0 | 452 |

CHAPTER 9

DENTAL AND ORAL HEALTH

9.1 DENTAL HEALTH PROBLEM

Identifying respondents having problems with their dental/oral in the last 12 months, and determining whether they received appropriate treatment according to the problem they had.

A. DENTAL HEALTH PROBLEM

Teeth that are damaged, have cavities or tend to cause pain (according to the opinion of the lay public) are cavities in teeth that are permanently damaged in the hard surface area of the tooth which develop from small holes to holes that damage the teeth. **The definition of cavities**, also known as **tooth cavities** due to tooth decay or dental caries, which is caused by a combination of various factors.

Missing tooth due to pull or came out is the loss of teeth from the oral cavity either intentionally or unintentionally.

Tooth Filling due to cavities is a form of treatment for cavities in the form of closing the cavity with a filling material after the damaged tooth tissue has been cleaned. This question aims to identify respondents who have had problems with their teeth/mouth in the last 12 months, and whether they received appropriate treatment according to the problem they had.

Loose tooth is a tooth condition that may become loose whether moved by the hand or when chewing.

Swollen gums and/or ulcers (abscesses) are lumps or boils on the gums, accompanied by the presence or absence of pus exiting, occurring due to chronic inflammation and suppuration in the tooth root area (*periapical abscess*). The origin of this disease is the occurrence caries (cavities) in the teeth, usually in molars, but may occur in all teeth.

Bleeding gums are a condition where the gums bleed easily, such as when brushing teeth or when biting.

Canker sores that recur at least 4 times are Canker sores or Stomatitis Aphthous a Recurrent (SAR) is a term to describe various kinds of lesions/wounds in the oral cavity. These wounds can be oval or round, white or yellow with red edges. The location of canker sores can occur on the inside of the cheeks or lips, the surface of the gums and the tongue. The canker sores that grow can be one or more. Symptoms include pain or burning for one to two days and then sores (ulcers) can appear in the oral cavity. The pain and burning sensation of canker is often annoying and uncomfortable, particularly when eating. This canker sore can appear repeatedly, but it will heal usually within 3-4 days.

Canker sores that persist and do not heal for at least 1 month are canker sores in the oral cavity that do not heal, hurt for more than 2 weeks, the shape sometimes

gets bigger and a burning feeling appears in the oral cavity, often accompanied by a feeling of weakness.

Prevalence of dental health problems in the last 1 year among household members aged ≥ 3

Respondents with problems/complaints/disorders regarding dental health during the last 1 year

$$\frac{\text{Proportion of problems with damaged/cavities/ toothache}}{\text{Total household members aged } > 3 \text{ years interviewed}} = \frac{\text{Total household members with dental complaints/problems in the last 1 year}}{\text{Total household members aged } > 3 \text{ years interviewed}}$$

Table 9. 1 Prevalence of Dental Health Problems in the Last 1 Year at Age \geq 3 Years old by Province, 2023 SKI

| Province | Damaged/Cavities /Toothache | | Missing/ Pulled/Came out Teeth | | Filled Teeth due to Cavities | | Loose Teeth | | Sensitive Teeth | | Weighted N |
|---------------------|-----------------------------|------------------|--------------------------------|------------------|------------------------------|----------------|-------------|----------------|-----------------|------------------|----------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 44.7 | 43.2-46.1 | 25.7 | 24.6-26.9 | 6.0 | 5.4-6.6 | 7.5 | 6.9-8.1 | 8.1 | 7.5-8.8 | 16,255 |
| Sumatra Utara | 39.9 | 38.4-41.4 | 19.5 | 18.5-20.5 | 3.4 | 3.0-3.7 | 7.3 | 6.8-7.9 | 11.0 | 10.3-11.8 | 45,584 |
| West Sumatra | 48.2 | 46.8-49.5 | 22.7 | 21.7-23.7 | 5.5 | 5.1-6.1 | 6.7 | 6.2-7.2 | 10.2 | 9.6-11.0 | 17,114 |
| Riau | 40.1 | 38.4-41.7 | 19.0 | 17.9-20.2 | 4.1 | 3.7-4.6 | 5.4 | 4.9-5.9 | 6.8 | 6.2-7.5 | 19,685 |
| Jambi | 36.9 | 35.2-38.7 | 20.2 | 18.8-21.7 | 3.7 | 3.3-4.2 | 5.5 | 4.9-6.2 | 9.6 | 8.6-10.6 | 10,955 |
| South Sumatra | 45.6 | 44.0-47.2 | 20.8 | 19.7-21.9 | 4.0 | 3.5-4.5 | 4.4 | 4.1-4.8 | 8.3 | 7.6-9.0 | 26,003 |
| Bengkulu | 40.6 | 38.8-42.4 | 19.0 | 17.7-20.4 | 3.3 | 2.9-3.8 | 5.9 | 5.2-6.6 | 6.5 | 5.7-7.2 | 6,210 |
| Lampung | 47.5 | 45.8-49.3 | 22.9 | 21.7-24.1 | 3.3 | 3-3.6.0 | 4.6 | 4.2-5.1 | 7.5 | 6.8-8.2 | 27,688 |
| Bangka Belitung | 38.4 | 36.2-40.6 | 16.3 | 15.0-17.7 | 3.0 | 2.6-3.4 | 3.1 | 2.6-3.5 | 6.2 | 5.4-7.1 | 4,505 |
| Riau Islands | 40.4 | 37.7-43.2 | 14.2 | 12.8-15.6 | 3.0 | 2.5-3.5 | 3.9 | 3.2-4.7 | 7.4 | 6.3-8.7 | 6,369 |
| DKI Jakarta | 34.2 | 32.5-36.0 | 16.7 | 15.5-17.9 | 7.8 | 7.0-8.6 | 5.2 | 4.6-5.9 | 8.9 | 7.9-10.0 | 31,861 |
| West Java | 48.0 | 47.0-48.9 | 23.1 | 22.4-23.8 | 5.8 | 5.5-6.1 | 8.4 | 8.0-8.8 | 14.9 | 14.2-15.5 | 148,411 |
| Central Java | 42.8 | 41.9-43.6 | 18.6 | 18.0-19.2 | 3.5 | 3.3-3.7 | 7.1 | 6.7-7.4 | 12.3 | 11.7-12.9 | 112,057 |
| DI Yogyakarta | 41.7 | 39.8-43.7 | 20.6 | 19.4-22.0 | 5.2 | 4.6-5.9 | 8.4 | 7.5-9.2 | 11.9 | 10.8-13.0 | 11,225 |
| East Java | 38.6 | 37.7-39.5 | 19.0 | 18.4-19.6 | 4.4 | 4.2-4.7 | 4.9 | 4.7-5.2 | 8.7 | 8.2-9.2 | 124,362 |
| Banten | 42.3 | 40.7-43.9 | 19.6 | 18.2-21.0 | 4.8 | 4.2-5.3 | 6.2 | 5.6-6.9 | 12.8 | 11.6-14 | 36,709 |
| Bali | 31.6 | 29.8-33.5 | 20.0 | 18.9-21.0 | 5.7 | 5.1-6.4 | 4.8 | 4.3-5.3 | 6.5 | 5.8-7.3 | 13,137 |
| West Nusa Tenggara | 40.9 | 38.9-42.9 | 22.7 | 21.3-24.3 | 3.9 | 3.5-4.4 | 7.5 | 6.7-8.3 | 10.0 | 9.1-10.9 | 16,431 |
| East Nusa Tenggara | 44.7 | 43.6-45.7 | 22.2 | 21.4-23.1 | 3.0 | 2.8-3.3 | 10.5 | 10.0-11.0 | 10.6 | 9.9-11.3 | 16,322 |
| West Kalimantan | 42.6 | 40.7-44.5 | 19.7 | 18.6-20.8 | 4.0 | 3.6-4.5 | 6.9 | 6.3-7.7 | 11.6 | 10.6-12.8 | 16,727 |
| Central Kalimantan | 41.8 | 39.3-44.3 | 20.3 | 18.8-21.8 | 4.2 | 3.7-4.8 | 4.7 | 4.2-5.4 | 9.0 | 8.0-10.1 | 8,225 |
| South Kalimantan | 43.9 | 42.1-45.7 | 21.1 | 19.9-22.4 | 7.8 | 7.1-8.5 | 4.9 | 4.4-5.4 | 10.2 | 9.3-11.1 | 12,523 |
| East Kalimantan | 44.8 | 42.9-46.7 | 20.0 | 18.6-21.5 | 7.5 | 6.8-8.3 | 6.9 | 6.1-7.7 | 12.9 | 11.8-14.1 | 11,651 |
| North Kalimantan | 46.8 | 43.4-50.2 | 19.9 | 17.7-22.2 | 9.9 | 8.2-11.8 | 5.2 | 4.3-6.3 | 7.5 | 6.4-8.9 | 2,162 |
| North Sulawesi | 52.0 | 50.2-53.8 | 25.5 | 24.1-26.9 | 4.8 | 4.3-5.4 | 10.2 | 9.4-11.0 | 15.8 | 14.7-17.1 | 7,994 |
| Central Sulawesi | 54.5 | 52.7-56.2 | 25.3 | 23.9-26.7 | 5.1 | 4.6-5.7 | 9.1 | 8.3-9.9 | 13.6 | 12.5-14.9 | 9,127 |
| South Sulawesi | 56.4 | 55.3-57.5 | 27.8 | 26.9-28.7 | 5.8 | 5.3-6.2 | 6.9 | 6.4-7.3 | 12.0 | 11.4-12.7 | 27,815 |
| South East Sulawesi | 48.0 | 46.3-49.8 | 26.0 | 24.7-27.4 | 6.2 | 5.6-6.9 | 6.9 | 6.3-7.4 | 10.6 | 9.8-11.4 | 8,108 |
| Gorontalo | 51.7 | 49.1-54.4 | 21.8 | 20.3-23.3 | 2.8 | 2.3-3.2 | 6.7 | 6.0-7.6 | 9.4 | 8.1-11.0 | 3,598 |
| West Sulawesi | 58.5 | 56.4-60.6 | 28.0 | 26.0-30.1 | 5.6 | 4.8-6.5 | 8.1 | 7.2-9.0 | 14.9 | 13.3-16.6 | 4,361 |
| Maluku | 51.0 | 49.0-52.9 | 26.5 | 24.9-28.2 | 3.7 | 3.2-4.3 | 9.6 | 8.9-10.4 | 16.2 | 14.8-17.6 | 5,673 |
| North Maluku | 45.3 | 43.2-47.3 | 18.0 | 16.8-19.2 | 3.6 | 3.1-4.1 | 10.2 | 9.3-11.2 | 11.6 | 10.6-12.8 | 3,955 |
| Papua | 37.4 | 34.6-40.2 | 17.7 | 15.3-20.3 | 2.9 | 2.3-3.6 | 7.8 | 6.4-9.6 | 8.9 | 7.5-10.6 | 1,674 |
| South Papua | 49.1 | 46.2-52.1 | 21.2 | 19.1-23.4 | 5.7 | 4.6-7.0 | 9.1 | 8.1-10.3 | 14.3 | 12.5-16.4 | 1,808 |
| Central Papua | 44.7 | 42.0-47.4 | 20.4 | 18.6-22.3 | 6.9 | 5.8-8.2 | 9.3 | 8.1-10.7 | 11.3 | 9.9-13.0 | 3,058 |
| Highland Papua | 49.5 | 46.3-52.8 | 28.0 | 25.3-30.8 | 5.0 | 4.1-6.1 | 11.5 | 9.6-13.8 | 11.1 | 9.3-13.3 | 1,539 |
| West Papua | 50.5 | 45.9-55.1 | 29.4 | 24.4-35.0 | 6.5 | 4-10.3 | 19.5 | 13.6-27.2 | 13.2 | 9.5-18.1 | 4,350 |
| Southwest Papua | 43.4 | 39.3-47.6 | 26.1 | 22.6-30.0 | 4.9 | 3.5-6.8 | 11.0 | 9.2-13.1 | 11.2 | 8.8-14.1 | 4,341 |
| INDONESIA | 43.6 | 43.3-43.9 | 21.0 | 20.7-21.2 | 4.8 | 4.7-4.9 | 6.8 | 6.7-6.9 | 11.1 | 10.9-11.3 | 829,573 |

Table 9. 2 Prevalence of Dental Health Problems in the Last 1 Year at Age ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Damaged/ Cavities/ Toothache | Missing/ Pulled/ Came out Teeth | Filled Teeth due to Cavities | Loose Teeth | Sensitive Teeth | Weighted N |
|--|------------------------------------|--|------------------------------------|----------------|--------------------|------------|
| | % | % | % | % | % | |
| Age Range (Year) | | | | | | |
| 3 – 4 | 37.4 | 10.6 | 1.4 | 3.5 | 1.4 | 31,219 |
| 5 – 9 | 49.9 | 28.2 | 3.2 | 12.3 | 3.5 | 68,386 |
| 10 - 14 | 37.2 | 15.6 | 2.8 | 6.7 | 6.5 | 68,636 |
| 15 - 24 | 36.0 | 8.5 | 4.4 | 2.7 | 10.6 | 138,434 |
| 25 - 34 | 42.3 | 12.3 | 5.5 | 3.4 | 13.3 | 138,745 |
| 35 - 44 | 46.5 | 18.0 | 5.7 | 4.9 | 14.1 | 130,224 |
| 45 - 54 | 49.1 | 26.4 | 5.5 | 8.1 | 14.3 | 112,186 |
| 55 - 64 | 48.9 | 37.2 | 5.8 | 11.7 | 13.3 | 80,871 |
| 65+ | 43.6 | 46.5 | 5.0 | 14.4 | 10.9 | 60,872 |
| Age Range (Year) (WHO) | | | | | | |
| 5 | 48.4 | 19.2 | 2.8 | 7.4 | 2.1 | 13,353 |
| 12 | 35.3 | 14.0 | 2.9 | 5.8 | 6.3 | 13,325 |
| 15 | 34.2 | 8.1 | 3.2 | 2.9 | 8.6 | 15,358 |
| 35-44 | 46.5 | 18.0 | 5.7 | 4.9 | 14.1 | 130,224 |
| 65 + | 43.6 | 46.5 | 5.0 | 14.4 | 10.9 | 60,872 |
| Sex | | | | | | |
| Male | 43.2 | 20.4 | 4.3 | 6.8 | 10.3 | 418,839 |
| Female | 44.0 | 21.5 | 5.2 | 6.8 | 12.0 | 410,734 |
| Education | | | | | | |
| Never attended school | 46.7 | 28.2 | 3.4 | 10.3 | 6.8 | 68,410 |
| Some primary school/Islamic primary school | 45.7 | 27.1 | 3.6 | 10.5 | 7.7 | 113,862 |
| Primary school/Islamic primary school graduate | 46.0 | 25.7 | 4.0 | 7.9 | 12.7 | 195,725 |
| Junior secondary school/Islamic junior secondary school graduate | 43.2 | 17.2 | 4.5 | 5.3 | 12.8 | 142,574 |
| Senior secondary school/Islamic senior secondary school graduate | 41.8 | 16.3 | 5.8 | 4.8 | 12.7 | 214,401 |
| D1/D2/D3/university graduate | 38.9 | 16.8 | 9.7 | 4.5 | 12.8 | 63,382 |
| Occupation | | | | | | |
| Unemployed | 44.5 | 22.4 | 5.2 | 6.7 | 13.6 | 210,895 |
| Student | 35.4 | 11.6 | 3.8 | 4.5 | 8.3 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 40.8 | 21.4 | 9.6 | 5.6 | 12.2 | 20,595 |
| Private employee | 38.8 | 13.4 | 6.8 | 4.0 | 11.4 | 75,488 |
| Self-employed | 43.8 | 20.4 | 5.4 | 6.2 | 13.1 | 100,997 |
| Farmer/farm worker | 49.4 | 30.5 | 4.0 | 9.3 | 12.4 | 106,752 |
| Fisher | 50.6 | 25.7 | 3.5 | 7.4 | 14.3 | 5,302 |
| Labor/driver/domestic help | 47.2 | 21.9 | 4.2 | 7.3 | 14.0 | 53,539 |
| Others | 45.5 | 24.3 | 5.7 | 6.9 | 13.1 | 39,843 |
| Residence | | | | | | |
| Urban | 41.7 | 20.0 | 5.5 | 6.7 | 11.2 | 484,838 |
| Rural | 46.2 | 22.3 | 3.7 | 6.9 | 11.0 | 344,735 |
| Economic Status | | | | | | |
| Lowest | 47.0 | 25.1 | 3.2 | 8.8 | 11.1 | 119,292 |
| Lower middle | 46.3 | 22.7 | 3.5 | 7.1 | 11.2 | 150,359 |
| Middle | 45.2 | 20.9 | 4.0 | 6.7 | 11.1 | 175,521 |
| Upper middle | 42.9 | 19.7 | 4.6 | 6.4 | 11.4 | 193,305 |
| Highest | 38.6 | 18.2 | 7.6 | 5.8 | 10.8 | 191,038 |

9.2 ORAL HEALTH PROBLEM

Prevalence of oral health problems in the last 1 year among household members aged ≥ 3 years old

Respondents with problems/disorders to their oral health (gums and soft tissue around the mouth) during the last 1 year

$$\frac{\text{Prevalence of oral health problems}}{\text{Total household members aged} > 3 \text{ years old interviewed}} = \frac{\text{Total household members with oral problems/disorders in the last 1 year}}{\text{Total household members aged} > 3 \text{ years old interviewed}}$$

Table 9. 3 Prevalence of Oral Health Problems in the Last 1 Year at Age ≥ 3 by Province, 2023 SKI

| Province | Swollen gums/ boils/abscesses | | Bleeding gums | | Canker sores recur min 4x | | Canker sores persist/don't heal for at least 1 month | | Weighted N |
|---------------------|----------------------------------|-----------|------------------|-----------|------------------------------|----------|--|---------|------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 6.4 | 5.8-7.0 | 8.2 | 7.4-9.1 | 3.1 | 2.7-3.6 | 0.7 | 0.5-0.8 | 16,255 |
| Sumatra Utara | 5.7 | 5.1-6.3 | 6.9 | 6.4-7.5 | 3.2 | 2.8-3.6 | 0.5 | 0.4-0.6 | 45,584 |
| West Sumatra | 7.5 | 6.9-8.2 | 7.8 | 7.2-8.6 | 7.7 | 6.9-8.7 | 0.9 | 0.7-1.2 | 17,114 |
| Riau | 4.3 | 3.9-4.8 | 4.9 | 4.3-5.5 | 3.2 | 2.7-3.7 | 0.4 | 0.3-0.5 | 19,685 |
| Jambi | 2.7 | 2.3-3.1 | 4.7 | 4-5.0 | 2.7 | 2.2-3.3 | 0.3 | 0.2-0.4 | 10,955 |
| South Sumatra | 5.6 | 5.0-6.2 | 5.2 | 4.5-6.1 | 3.2 | 2.8-3.6 | 0.5 | 0.4-0.6 | 26,003 |
| Bengkulu | 5.7 | 5.0-6.5 | 5.1 | 4.4-6.0 | 3.4 | 2.9-3.9 | 0.7 | 0.5-1.0 | 6,210 |
| Lampung | 5.4 | 4.8-6.0 | 3.6 | 3.1-4.1 | 3.8 | 3.2-4.4 | 0.5 | 0.4-0.6 | 27,688 |
| Bangka Belitung | 3.4 | 2.9-3.9 | 3.1 | 2.6-3.7 | 2.1 | 1.7-2.6 | 0.2 | 0.1-0.3 | 4,505 |
| Riau Islands | 4.2 | 3.6-5.0 | 5.2 | 4.4-6.2 | 2.3 | 1.8-2.8 | 0.3 | 0.2-0.5 | 6,369 |
| DKI Jakarta | 6.3 | 5.6-7.1 | 4.9 | 4.2-5.6 | 2.9 | 2.4-3.4 | 0.5 | 0.3-0.8 | 31,861 |
| West Java | 10.9 | 10.3-11.4 | 8.7 | 8.2-9.1 | 5.4 | 5-5.9.0 | 0.7 | 0.6-0.9 | 148,411 |
| Central Java | 7.3 | 7.0-7.7 | 5.7 | 5.3-6.0 | 4.0 | 3.7-4.3 | 0.5 | 0.4-0.6 | 112,057 |
| DI Yogyakarta | 7.1 | 6.4-7.8 | 6.2 | 5.5-7.0 | 4.1 | 3.5-4.7 | 0.5 | 0.3-0.7 | 11,225 |
| East Java | 5.7 | 5.4-6.0 | 4.4 | 4.1-4.7 | 3.2 | 2.9-3.5 | 0.4 | 0.4-0.5 | 124,362 |
| Banten | 7.7 | 6.8-8.7 | 7.3 | 6.4-8.3 | 3.7 | 3.1-4.3 | 0.5 | 0.3-0.8 | 36,709 |
| Bali | 3.7 | 3.3-4.3 | 4.2 | 3.6-4.9 | 2.3 | 1.9-2.8 | 0.2 | 0.2-0.4 | 13,137 |
| West Nusa Tenggara | 5.7 | 5.0-6.4 | 6.4 | 5.5-7.5 | 4.3 | 3.6-5.1 | 0.5 | 0.3-0.7 | 16,431 |
| East Nusa Tenggara | 10.3 | 9.7-10.9 | 11.8 | 11.1-12.6 | 3.1 | 2.8-3.5 | 0.5 | 0.5-0.7 | 16,322 |
| West Kalimantan | 5.0 | 4.4-5.6 | 6.6 | 5.9-7.5 | 3.5 | 2.8-4.3 | 0.5 | 0.4-0.7 | 16,727 |
| Central Kalimantan | 5.3 | 4.7-6.0 | 5.9 | 5.2-6.8 | 3.2 | 2.7-3.9 | 1.6 | 1.0-2.4 | 8,225 |
| South Kalimantan | 5.6 | 5.0-6.3 | 5.1 | 4.5-5.7 | 4.2 | 3.6-4.8 | 0.4 | 0.3-0.5 | 12,523 |
| East Kalimantan | 8.2 | 7.4-9.2 | 9.3 | 8.4-10.3 | 4.9 | 4.3-5.6 | 0.6 | 0.4-0.8 | 11,651 |
| North Kalimantan | 5.1 | 4.1-6.3 | 5.3 | 4.0-6.8 | 2.9 | 2.2-3.9 | 0.4 | 0.2-0.7 | 2,162 |
| North Sulawesi | 9.8 | 8.9-10.7 | 10.9 | 10-11.8 | 5.3 | 4.7-6.0 | 0.7 | 0.5-0.9 | 7,994 |
| Central Sulawesi | 9.7 | 8.8-10.7 | 13.4 | 12.1-14.7 | 6.1 | 5.4-7.0 | 0.7 | 0.5-0.8 | 9,127 |
| South Sulawesi | 9.2 | 8.6-9.8 | 10.6 | 9.8-11.4 | 6.2 | 5.7-6.7 | 0.8 | 0.7-1.0 | 27,815 |
| South East Sulawesi | 7.3 | 6.6-8.0 | 9.3 | 8.5-10.2 | 5.4 | 4.8-6.0 | 0.7 | 0.6-0.9 | 8,108 |
| Gorontalo | 9.5 | 8.2-11.1 | 9.7 | 8.3-11.3 | 6.3 | 5.3-7.6 | 0.6 | 0.4-0.9 | 3,598 |
| West Sulawesi | 10.0 | 8.8-11.5 | 15.7 | 14-17.7 | 5.8 | 4.9-6.9 | 0.6 | 0.5-0.9 | 4,361 |
| Maluku | 8.6 | 7.7-9.6 | 13.8 | 12.6-15.1 | 5.4 | 4.5-6.3 | 0.7 | 0.5-0.9 | 5,673 |
| North Maluku | 8.2 | 7.2-9.3 | 14.0 | 12.6-15.6 | 4.0 | 3.3-4.9 | 0.7 | 0.5-0.9 | 3,955 |
| Papua | 4.9 | 3.8-6.3 | 8.3 | 7.0-9.9 | 1.6 | 1.1-2.5 | 0.3 | 0.2-0.7 | 1,674 |
| South Papua | 9.3 | 7.9-10.8 | 11.6 | 10-13.3 | 4.0 | 3.0-5.3 | 1.0 | 0.6-1.5 | 1,808 |
| Central Papua | 10.2 | 8.7-11.8 | 9.4 | 7.9-11.2 | 4.8 | 3.7-6.4 | 0.6 | 0.4-0.9 | 3,058 |
| Highland Papua | 8.7 | 7.2-10.4 | 8.8 | 7.2-10.7 | 2.7 | 1.9-3.8 | 0.6 | 0.3-1.0 | 1,539 |
| West Papua | 9.9 | 7.2-13.5 | 8.6 | 6.3-11.5 | 11.2 | 6.8-17.9 | 1.1 | 0.7-1.7 | 4,350 |
| Southwest Papua | 9.1 | 7.2-11.5 | 10.8 | 8.7-13.4 | 3.2 | 2.0-5.1 | 0.4 | 0.2-0.9 | 4,341 |
| INDONESIA | 7.3 | 7.2-7.5 | 6.8 | 6.7-7.0 | 4.1 | 4.0-4.3 | 0.6 | 0.5-0.6 | 829,573 |

Table 9. 4 Prevalence of Oral Health Problems in the Last 1 Year at Age ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Swollen gums/ boils/abscesses | Bleeding gums | Canker sores recur min 4x | Canker sores persist/don't heal for at least 1 month | Weighted N |
|--|----------------------------------|------------------|------------------------------|---|------------|
| | % | % | % | % | |
| Age Range (Year) | | | | | |
| 3 – 4 | 2.7 | 1.3 | 1.5 | 0.2 | 31,219 |
| 5 – 9 | 5.4 | 3.8 | 2.8 | 0.4 | 68,386 |
| 10 – 14 | 5.2 | 6.2 | 4.2 | 0.5 | 68,636 |
| 15 – 24 | 7.2 | 8.7 | 5.1 | 0.6 | 138,434 |
| 25 – 34 | 7.9 | 8.5 | 4.5 | 0.6 | 138,745 |
| 35 – 44 | 8.5 | 8.0 | 4.3 | 0.5 | 130,224 |
| 45 – 54 | 9.3 | 7.1 | 4.2 | 0.6 | 112,186 |
| 55 – 64 | 8.2 | 5.9 | 4.0 | 0.7 | 80,871 |
| 65+ | 5.9 | 4.2 | 3.4 | 0.6 | 60,872 |
| Age Range (Year) (WHO) | | | | | |
| 5 | 4.9 | 2.5 | 2.1 | 0.4 | 13,353 |
| 12 | 5.2 | 5.7 | 4.6 | 0.5 | 13,325 |
| 15 | 5.5 | 8.2 | 5.2 | 0.5 | 15,358 |
| 35-44 | 8.5 | 8.0 | 4.3 | 0.5 | 130,224 |
| 65 + | 5.9 | 4.2 | 3.4 | 0.6 | 60,872 |
| Sex | | | | | |
| Male | 6.9 | 6.4 | 3.8 | 0.5 | 418,839 |
| Female | 7.8 | 7.3 | 4.5 | 0.6 | 410,734 |
| Education | | | | | |
| Never attended school | 6.0 | 4.7 | 3.2 | 0.5 | 68,410 |
| Some primary school/Islamic primary school | 6.5 | 5.9 | 3.8 | 0.5 | 113,862 |
| Primary school/Islamic primary school graduate | 8.0 | 7.2 | 4.5 | 0.7 | 195,725 |
| Junior secondary school/Islamic junior secondary school graduate | 8.1 | 7.9 | 4.5 | 0.6 | 142,574 |
| Senior secondary school/Islamic senior secondary school graduate | 7.9 | 7.7 | 4.4 | 0.6 | 214,401 |
| D1/D2/D3/university graduate | 7.0 | 7.3 | 4.3 | 0.5 | 63,382 |
| Occupation | | | | | |
| Unemployed | 8.6 | 8.1 | 4.8 | 0.7 | 210,895 |
| Student | 5.7 | 7.4 | 4.7 | 0.5 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 6.3 | 6.5 | 3.6 | 0.6 | 20,595 |
| Private employee | 7.1 | 6.5 | 3.9 | 0.4 | 75,488 |
| Self-employed | 8.0 | 6.6 | 4.0 | 0.5 | 100,997 |
| Farmer/farm worker | 7.5 | 7.0 | 4.1 | 0.6 | 106,752 |
| Fisher | 8.1 | 8.8 | 3.7 | 0.7 | 5,302 |
| Labor	driver/domestic help | 9.6 | 7.8 | 4.3 | 0.7 | 53,539 |
| Others | 8.1 | 7.8 | 4.5 | 0.6 | 39,843 |
| Residence | | | | | |
| Urban | 7.5 | 6.6 | 4.2 | 0.6 | 484,838 |
| Rural | 7.1 | 7.2 | 4.1 | 0.5 | 344,735 |
| Economic Status | | | | | |
| Lowest | 7.8 | 8.1 | 4.2 | 0.6 | 119,292 |
| Lower middle | 7.7 | 7.3 | 4.2 | 0.6 | 150,359 |
| Middle | 7.7 | 6.9 | 4.1 | 0.6 | 175,521 |
| Upper middle | 7.2 | 6.3 | 4.2 | 0.5 | 193,305 |
| Highest | 6.6 | 6.2 | 4.0 | 0.5 | 191,038 |

9.3 DENTAL AND ORAL HEALTH SERVICES UTILIZATION

The prevalence of population with dental and oral problems are people who complain or feel problems with their dental and oral health such as cavities, missing teeth, loose teeth, have experienced swelling and/or have had ulcers on the gums, canker sores (perceived need), in 12 last month.

The proportion of population who have received dental care (utilization) or treatment from dental medical personnel is the population who has received treatment from dental medical personnel (specialist, dentists), dental therapists and general practitioners/other health workers, in the last 12 months, for any reasons in any type of health service (hospital, health center, private clinic, independent practitioner, health social work or social service), in the last 12 months.

- 1. Proportion of dental and oral problems in the last 1 year among household members aged > 3 years old who received treatment from health workers (dentists, specialist dentists, dental therapists and general practitioners/other health workers)**

a) Prevalence of population with dental and oral health problems.

Prevalence of population with dental and/or oral problems during the last year

$$\text{Prevalence of dental \& oral problems} = \frac{\text{Total household members with dental and oral problems in the last 1 year}}{\text{Total household members aged } > 3 \text{ years interviewed}}$$

b) The proportion of population receiving care from health workers

The proportion of the population with problems on their teeth and/or mouth and have received action/treatment from dental health workers (specialist, dentists), dental therapists and general practitioners/other health workers to resolve their problems

Receiving treatment from dental medical personnel (specialist & dentist):

$$\text{Proportion of dental \& oral problems and receiving treatment from specialists and dentists} = \frac{\text{Total household members who seek/receive treatment from specialists and dentists}}{\text{Total household members with dental and oral problems in the last 1 year and sought treatment from medical personnel}}$$

Receiving treatment from a dental therapist:

$$\text{Proportion of dental \& oral problems and receiving treatment from a dental therapist} = \frac{\text{Total household members who seek/receive treatment from a dental therapist}}{\text{Total household members with dental and oral problems in the last 1 year and sought treatment from medical personnel}}$$

Receiving treatment from a general practitioner/other health worker:

$$\text{Proportion of dental \& oral problems and receiving treatment from general practitioners/other health workers} = \frac{\text{Total household members who seek/receive treatment from general practitioners/other health workers}}{\text{Total household members with dental and oral problems in the last 1 year and sought treatment from medical personnel}}$$

Table 9. 5 Proportion of Dental and Oral Problems in the last 1 year aged ≥ 3 who Received Treatment from Health Workers (Dentists, Specialist, Dental Therapists and General Practitioners/Other Health Workers) by Province, 2023 SKI

| Province | Dental and Oral Problems | | Weighted N | Received Treatment from Dental Health Workers | | Received Treatment from Dental Therapists | | Received Treatment from General Practitioners/Other Health Workers | | Weighted N |
|---------------------|--------------------------|------------------|----------------|---|------------------|---|----------------|--|------------------|---------------|
| | % | 95% CI | | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 55.2 | 53.7-56.7 | 16,255 | 70.2 | 67.3-72.9 | 14.3 | 12.5-16.4 | 30.3 | 27.5-33.3 | 1,482 |
| Sumatra Utara | 53.4 | 51.9-54.9 | 45,584 | 78.0 | 74.4-81.2 | 2.9 | 1.9-4.3 | 22.6 | 19.4-26.2 | 1,734 |
| West Sumatra | 61.1 | 59.7-62.4 | 17,114 | 78.4 | 75.5-81.1 | 3.7 | 2.8-4.9 | 22.5 | 19.3-26.0 | 1,223 |
| Riau | 51.2 | 49.3-53.1 | 19,685 | 80.4 | 76.6-83.6 | 3.7 | 2.3-5.8 | 19.0 | 15.8-22.6 | 1,015 |
| Jambi | 50.9 | 48.9-52.8 | 10,955 | 85.2 | 81.4-88.3 | 6.6 | 4.8-9.2 | 18.4 | 14.8-22.7 | 524 |
| South Sumatra | 56.2 | 54.6-57.9 | 26,003 | 67.7 | 63.8-71.4 | 5.8 | 4.2-8.1 | 29.1 | 25.7-32.8 | 1,172 |
| Bengkulu | 51.5 | 49.6-53.4 | 6,210 | 75.2 | 70.4-79.5 | 0.8 | 0.4-1.5 | 26.1 | 21.7-31.0 | 292 |
| Lampung | 58.4 | 56.8-60.0 | 27,688 | 60.6 | 55.8-65.2 | 7.5 | 5.2-10.6 | 34.0 | 29.7-38.6 | 1,110 |
| Bangka Belitung | 46.9 | 44.5-49.2 | 4,505 | 86.2 | 82.2-89.4 | 6.4 | 4.1-9.9 | 8.9 | 6.6-12.0 | 236 |
| Riau Islands | 49.9 | 47.0-52.8 | 6,369 | 89.4 | 86.3-91.8 | 3.3 | 1.9-5.5 | 7.4 | 5.3-10.0 | 421 |
| DKI Jakarta | 50.0 | 48.0-51.9 | 31,861 | 95.4 | 93.5-96.8 | 1.6 | 0.9-2.7 | 3.6 | 2.3-5.5 | 3,433 |
| West Java | 63.4 | 62.5-64.4 | 148,411 | 84.3 | 82.5-85.9 | 3.9 | 3.2-4.8 | 14.4 | 12.8-16.2 | 13,204 |
| Central Java | 56.9 | 56.0-57.8 | 112,057 | 83.0 | 81.4-84.5 | 3.2 | 2.6-4.0 | 16.0 | 14.5-17.6 | 7,480 |
| DI Yogyakarta | 59.0 | 56.8-61.1 | 11,225 | 90.3 | 87.3-92.7 | 2.7 | 1.7-4.2 | 9.7 | 7.3-12.7 | 1,259 |
| East Java | 51.2 | 50.2-52.1 | 124,362 | 82.4 | 80.7-84.0 | 3.3 | 2.6-4.2 | 16.6 | 15.0-18.3 | 8,724 |
| Banten | 56.3 | 54.5-58.1 | 36,709 | 85.5 | 82.4-88.2 | 2.7 | 1.7-4.3 | 14.1 | 11.6-16.9 | 2,822 |
| Bali | 46.5 | 44.5-48.5 | 13,137 | 90.0 | 87.7-92.0 | 4.1 | 2.7-6.2 | 7.2 | 5.6-9.1 | 1,077 |
| West Nusa Tenggara | 53.1 | 51.0-55.2 | 16,431 | 76.4 | 72.4-80.0 | 15.2 | 11.9-19.2 | 15.7 | 12.2-19.9 | 1,055 |
| East Nusa Tenggara | 56.6 | 55.5-57.6 | 16,322 | 58.1 | 53.4-62.6 | 6.3 | 4.9-8.1 | 39.5 | 34.9-44.3 | 712 |
| West Kalimantan | 55.3 | 53.1-57.4 | 16,727 | 64.9 | 60.5-69.1 | 14.3 | 11.6-17.6 | 23.8 | 20.0-28.1 | 1,112 |
| Central Kalimantan | 52.9 | 50.5-55.4 | 8,225 | 65.2 | 59.5-70.4 | 13.1 | 9.7-17.6 | 24.4 | 19.7-29.8 | 289 |
| South Kalimantan | 57.7 | 56.0-59.4 | 12,523 | 84.5 | 81.1-87.4 | 9.4 | 7.1-12.3 | 13.7 | 10.7-17.5 | 808 |
| East Kalimantan | 58.6 | 56.5-60.7 | 11,651 | 92.6 | 90.6-94.2 | 1.9 | 1.2-3.0 | 7.2 | 5.6-9.2 | 1,147 |
| North Kalimantan | 60.5 | 57.0-63.9 | 2,162 | 90.5 | 78.5-96.1 | 4.7 | 2.6-8.3 | 3.7 | 2.0-6.7 | 185 |
| North Sulawesi | 64.9 | 63.0-66.8 | 7,994 | 76.0 | 72.0-79.6 | 5.4 | 3.8-7.6 | 19.8 | 16.5-23.6 | 412 |
| Central Sulawesi | 66.5 | 64.9-68.2 | 9,127 | 73.0 | 68.9-76.7 | 8.9 | 6.9-11.3 | 19.5 | 16.3-23.2 | 548 |
| South Sulawesi | 68.4 | 67.4-69.4 | 27,815 | 86.0 | 83.9-87.8 | 5.5 | 4.5-6.7 | 9.4 | 7.9-11.2 | 2,241 |
| South East Sulawesi | 58.6 | 56.8-60.4 | 8,108 | 82.8 | 79.9-85.4 | 9.5 | 7.4-12.1 | 10.3 | 8.4-12.7 | 528 |
| Gorontalo | 61.4 | 58.7-64.0 | 3,598 | 77.3 | 71.7-82.1 | 3.5 | 1.9-6.5 | 19.8 | 15.5-24.8 | 154 |
| West Sulawesi | 68.4 | 66.5-70.3 | 4,361 | 78.3 | 72.3-83.3 | 5.8 | 3.4-9.8 | 20.9 | 15.2-28.1 | 271 |
| Maluku | 64.9 | 63.0-66.7 | 5,673 | 74.4 | 68.4-79.6 | 7.2 | 4.8-10.6 | 22.5 | 17.9-28.0 | 204 |
| North Maluku | 56.4 | 54.2-58.5 | 3,955 | 72.5 | 65.6-78.4 | 2.2 | 1.2-4.1 | 24.9 | 19.5-31.1 | 157 |
| Papua | 49.4 | 46.2-52.7 | 1,674 | 74.8 | 63.9-83.2 | 7.5 | 2.8-18.2 | 27.6 | 19.6-37.4 | 61 |
| South Papua | 61.8 | 59.0-64.5 | 1,808 | 86.7 | 81.3-90.6 | 1.0 | 0.5-2.4 | 14.8 | 10.3-20.7 | 81 |
| Central Papua | 56.8 | 54.2-59.4 | 3,058 | 83.0 | 76.0-88.2 | 1.5 | 0.7-3.3 | 23.0 | 16.7-30.9 | 285 |
| Highland Papua | 61.9 | 58.4-65.4 | 1,539 | 64.5 | 53.9-73.9 | 4.0 | 1.6-9.5 | 33.9 | 25.2-43.8 | 84 |
| West Papua | 60.7 | 56.3-64.9 | 4,350 | 32.3 | 16.6-53.2 | 2.6 | 1.1-5.6 | 73.6 | 53.8-87.0 | 774 |
| Southwest Papua | 55.9 | 51.0-60.7 | 4,341 | 43.4 | 32.5-55.1 | 7.2 | 3.0-16.1 | 66.7 | 55.4-76.3 | 248 |
| INDONESIA | 56.9 | 56.6-57.3 | 829,573 | 81.4 | 80.7-82.2 | 4.5 | 4.3-4.8 | 17.1 | 16.3-17.8 | 58,564 |

Table 9. 6 Proportion of Dental and Oral Problems in the last 1 year aged ≥ 3 who Received Treatment from Health Workers (Dentists, Specialist, Dental Therapists and General Practitioners/Other Health Workers) by Characteristic, 2023 SKI

| Characteristic | Dental and Oral Problems | Weighted N | Received Treatment from | Received Treatment from | Received Treatment from | Weighted N |
|--|--------------------------|------------|-------------------------|-------------------------|---|------------|
| | | | Dental Health Workers | Dental Therapists | General Practitioners/ Other Health Workers | |
| | % | | % | % | % | |
| Age Range (Year) | | | | | | |
| 3 – 4 | 42.7 | 31,219 | 76.5 | 2.7 | 22.6 | 1,231 |
| 5 – 9 | 62.6 | 68,386 | 83.8 | 3.4 | 15.6 | 7,226 |
| 10 - 14 | 48.8 | 68,636 | 82.7 | 4.1 | 16.1 | 4,347 |
| 15 - 24 | 47.3 | 138,434 | 81.8 | 4.4 | 16.4 | 8,126 |
| 25 - 34 | 54.1 | 138,745 | 83.2 | 4.6 | 15.6 | 10,820 |
| 35 - 44 | 58.5 | 130,224 | 80.4 | 4.9 | 17.9 | 10,326 |
| 45 - 54 | 63.0 | 112,186 | 79.2 | 5.1 | 18.4 | 8,179 |
| 55 - 64 | 67.1 | 80,871 | 80.0 | 5.4 | 18.5 | 5,383 |
| 65+ | 67.4 | 60,872 | 80.7 | 4.9 | 17.5 | 2,927 |
| Age Range (Year) (WHO) | | | | | | |
| 5 | 56.8 | 13,353 | 76.2 | 2.4 | 24.4 | 1,041 |
| 12 | 46.9 | 13,325 | 86.3 | 3.5 | 14.0 | 715 |
| 15 | 43.8 | 15,358 | 77.0 | 4.8 | 21.5 | 645 |
| 35-44 | 58.5 | 130,224 | 80.4 | 4.9 | 17.9 | 10,326 |
| 65 + | 67.4 | 60,872 | 80.7 | 4.9 | 17.5 | 2,927 |
| Sex | | | | | | |
| Male | 55.8 | 418,839 | 80.9 | 4.6 | 17.8 | 25,481 |
| Female | 58.1 | 410,734 | 81.8 | 4.5 | 16.5 | 33,083 |
| Education | | | | | | |
| Never attended school | 60.0 | 68,410 | 76.4 | 4.6 | 22.5 | 4,487 |
| Some primary school/Islamic primary school | 59.7 | 113,862 | 80.9 | 4.3 | 18.0 | 8,627 |
| Primary school/Islamic primary school graduate | 60.2 | 195,725 | 71.8 | 6.3 | 25.4 | 9,850 |
| Junior secondary school/Islamic junior secondary school graduate | 55.7 | 142,574 | 78.8 | 4.9 | 19.2 | 8,497 |
| Senior secondary school/Islamic senior secondary school graduate | 55.1 | 214,401 | 84.5 | 4.2 | 14.0 | 17,314 |
| D1/D2/D3/university graduate | 54.3 | 63,382 | 92.7 | 3.4 | 6.8 | 8,559 |
| Occupation | | | | | | |
| Unemployed | 59.3 | 210,895 | 80.6 | 4.8 | 17.4 | 15,265 |
| Student | 46.9 | 116,558 | 84.6 | 4.1 | 14.1 | 7,130 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 55.8 | 20,595 | 91.1 | 3.9 | 7.8 | 2,807 |
| Private employee | 52.0 | 75,488 | 89.5 | 2.8 | 10.1 | 7,067 |
| Self-employed | 57.7 | 100,997 | 83.5 | 4.9 | 14.6 | 6,934 |
| Farmer/farm worker | 63.3 | 106,752 | 57.6 | 7.4 | 39.1 | 4,681 |
| Fisher | 62.2 | 5,302 | 69.5 | 9.8 | 22.5 | 243 |
| Labor/driver/domestic help | 61.2 | 53,539 | 81.3 | 3.9 | 18.2 | 2,840 |
| Others | 59.8 | 39,843 | 79.6 | 7.3 | 18.3 | 3,142 |
| Residence | | | | | | |
| Urban | 56.1 | 484,838 | 88.2 | 3.5 | 11.0 | 40,636 |
| Rural | 58.2 | 344,735 | 66.1 | 7.0 | 30.8 | 17,928 |
| Economic Status | | | | | | |
| Lowest | 59.6 | 119,292 | 53.5 | 6.4 | 44.8 | 4,761 |
| Lower middle | 58.8 | 150,359 | 70.8 | 6.9 | 26.3 | 7,090 |
| Middle | 57.8 | 175,521 | 76.9 | 5.1 | 21.4 | 9,797 |
| Upper middle | 56.3 | 193,305 | 82.1 | 4.7 | 16.1 | 14,150 |
| Highest | 53.6 | 191,038 | 92.1 | 3.1 | 7.1 | 22,762 |

2. Proportion of reasons for never seeking treatment from a dental health professional at the age of > 3 years old by Province, 2023 SKI

Proportion of population not seeking treatment from health personnel

The proportion of the population who did not receive action/treatment from health workers to resolve their problems during the last 1 year

$$\text{The proportion of population not seeking treatment} = \frac{\text{Number of household members who did not receive action/treatment from health workers to resolve their complaints during the last 1 year}}{\text{Household members aged } \geq 3 \text{ years that were interviewed}}$$

Proportion of population not seeking treatment from health workers and the reasons

The proportion of reasons why the population did not seek treatment from a health professional to resolve their problems during the last 1 year

Total reasons why household members do not seek treatment from medical personnel, such as not having a toothache, feeling no urgency, going to an unlicensed dentist or treating it themselves

$$\text{Proportion of reasons why the population did not seek treatment in the last 1 year} = \frac{\text{Number of household members who did not receive action/treatment from health workers to resolve their complaints during the last 1 year}}{\text{Household members aged } \geq 3 \text{ years that were interviewed}}$$

Table 9. 7 Proportion of reasons for never seeking treatment from a dental health professional at the age of > 3 by Province, 2023 SKI

| Province | Never seek treatment from a dental health professional | | Weighted N | Reasons for never seeking treatment from a dental health professional | | | | | | | | Weighted N | | |
|---------------------|--|------------------|----------------|---|------------------|-------------|------------------|--------------------------------|----------------|----------------|------------------|----------------|--|--|
| | | | | Not having a toothache | | No urgency | | Going to an unlicensed dentist | | Self-Treatment | | | | |
| | % | 95% CI | | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | | |
| Aceh | 90.0 | 89.3-90.6 | 16,255 | 61.3 | 59.9-62.7 | 57.6 | 55.9-59.3 | 2.2 | 1.8-2.6 | 26.6 | 25.3-27.9 | 14,714 | | |
| Sumatra Utara | 95.6 | 95.2-96.0 | 45,584 | 56.7 | 55.3-58.2 | 46.6 | 44.9-48.3 | 1.7 | 1.3-2.1 | 32.8 | 31.3-34.2 | 43,853 | | |
| West Sumatra | 92.0 | 91.4-92.5 | 17,114 | 58.5 | 57.0-60.0 | 62.8 | 61.1-64.5 | 1.1 | 0.9-1.5 | 20.9 | 19.6-22.3 | 15,838 | | |
| Riau | 94.2 | 93.6-94.7 | 19,685 | 58.6 | 56.7-60.5 | 56.8 | 54.8-58.7 | 1.9 | 1.5-2.4 | 25.8 | 24.3-27.3 | 18,649 | | |
| Jambi | 94.6 | 93.9-95.2 | 10,955 | 60.9 | 58.8-63.0 | 52.7 | 50.3-55.1 | 2.9 | 2.3-3.6 | 30.7 | 28.8-32.8 | 10,430 | | |
| South Sumatra | 94.8 | 94.2-95.3 | 26,003 | 57.6 | 56.0-59.2 | 51.5 | 49.5-53.6 | 0.8 | 0.6-1.1 | 30.7 | 29.2-32.2 | 24,804 | | |
| Bengkulu | 94.7 | 94.0-95.4 | 6,210 | 61.6 | 59.7-63.4 | 55.8 | 53.5-58.0 | 0.8 | 0.6-1.1 | 23.1 | 21.6-24.6 | 5,919 | | |
| Lampung | 95.4 | 94.9-95.9 | 27,688 | 61.9 | 60.1-63.6 | 56.0 | 54.2-57.8 | 1.1 | 0.8-1.4 | 24.2 | 22.8-25.7 | 26,587 | | |
| Bangka Belitung | 93.9 | 93.2-94.5 | 4,505 | 66.8 | 64.4-69.1 | 53.1 | 50.0-56.1 | 1.7 | 1.2-2.3 | 20.2 | 18.3-22.3 | 4,255 | | |
| Riau Islands | 92.6 | 91.7-93.5 | 6,369 | 73.1 | 70.6-75.4 | 54.8 | 51.2-58.4 | 1.1 | 0.7-1.9 | 17.9 | 15.7-20.3 | 5,936 | | |
| DKI Jakarta | 87.0 | 85.8-88.0 | 31,861 | 65.6 | 63.5-67.6 | 55.8 | 52.7-58.8 | 0.5 | 0.3-0.8 | 13.5 | 12.3-14.8 | 27,874 | | |
| West Java | 89.9 | 89.5-90.4 | 148,411 | 58.0 | 57.0-59.0 | 60.7 | 59.5-61.9 | 0.8 | 0.6-0.9 | 28.1 | 27.1-29.2 | 134,308 | | |
| Central Java | 92.4 | 92.0-92.7 | 112,057 | 64.9 | 64.1-65.8 | 60.0 | 58.8-61.2 | 0.6 | 0.5-0.7 | 19.1 | 18.5-19.8 | 104,155 | | |
| DI Yogyakarta | 86.5 | 85.3-87.5 | 11,225 | 76.0 | 74.4-77.5 | 55.8 | 53.0-58.6 | 0.3 | 0.2-0.6 | 15.0 | 13.5-16.7 | 9,767 | | |
| East Java | 91.9 | 91.5-92.3 | 124,362 | 66.1 | 65.3-67.0 | 57.7 | 56.5-58.8 | 1.1 | 0.9-1.3 | 20.7 | 19.9-21.5 | 114,991 | | |
| Banten | 91.2 | 90.4-92.0 | 36,709 | 63.7 | 62.0-65.4 | 58.4 | 56.3-60.5 | 0.4 | 0.3-0.6 | 24.7 | 23.1-26.4 | 33,688 | | |
| Bali | 90.0 | 89.0-90.9 | 13,137 | 74.3 | 72.4-76.0 | 66.7 | 64.4-69.0 | 0.7 | 0.4-1.0 | 11.4 | 10.4-12.6 | 11,893 | | |
| West Nusa Tenggara | 92.9 | 92.2-93.5 | 16,431 | 64.3 | 62.2-66.3 | 49.9 | 47.1-52.8 | 0.9 | 0.6-1.4 | 24.1 | 22.3-26.0 | 15,358 | | |
| East Nusa Tenggara | 95.3 | 94.9-95.7 | 16,322 | 59.1 | 58.0-60.3 | 41.4 | 39.9-43.0 | 1.6 | 1.1-2.3 | 30.2 | 29.0-31.4 | 15,650 | | |
| West Kalimantan | 92.5 | 91.8-93.2 | 16,727 | 55.8 | 53.9-57.6 | 58.9 | 56.9-60.9 | 2.0 | 1.4-2.9 | 29.7 | 27.8-31.6 | 15,568 | | |
| Central Kalimantan | 95.9 | 95.4-96.4 | 8,225 | 56.0 | 53.6-58.3 | 55.1 | 52.6-57.5 | 1.6 | 1.1-2.4 | 37.0 | 34.5-39.6 | 7,939 | | |
| South Kalimantan | 92.8 | 92.1-93.4 | 12,523 | 52.7 | 51.0-54.3 | 55.1 | 53.2-56.9 | 1.7 | 1.4-2.1 | 34.0 | 32.4-35.7 | 11,688 | | |
| East Kalimantan | 88.3 | 87.3-89.3 | 11,651 | 61.8 | 59.8-63.7 | 60.4 | 58.0-62.8 | 1.2 | 0.9-1.7 | 20.1 | 18.7-21.6 | 10,357 | | |
| North Kalimantan | 90.4 | 88.8-91.8 | 2,162 | 58.6 | 55.2-61.9 | 57.4 | 54.1-60.6 | 0.7 | 0.4-1.2 | 27.1 | 24.5-29.9 | 1,967 | | |
| North Sulawesi | 94.3 | 93.7-94.9 | 7,994 | 48.4 | 46.4-50.4 | 55.8 | 53.6-58.1 | 0.8 | 0.6-1.1 | 36.7 | 35.0-38.5 | 7,587 | | |
| Central Sulawesi | 93.4 | 92.7-94.0 | 9,127 | 46.9 | 45.2-48.7 | 52.2 | 50.3-54.1 | 1.9 | 1.5-2.5 | 33.3 | 31.6-35.1 | 8,573 | | |
| South Sulawesi | 90.8 | 90.2-91.3 | 27,815 | 56.2 | 54.9-57.4 | 64.7 | 63.3-66.0 | 1.6 | 1.4-1.9 | 25.4 | 24.2-26.5 | 25,409 | | |
| South East Sulawesi | 92.7 | 92.0-93.3 | 8,108 | 55.2 | 53.5-56.9 | 53.0 | 51.0-54.9 | 3.4 | 2.9-3.9 | 30.5 | 29.1-32.0 | 7,560 | | |
| Gorontalo | 95.3 | 94.6-96.0 | 3,598 | 48.6 | 46.1-51.0 | 49.0 | 45.9-52.0 | 0.8 | 0.5-1.1 | 39.7 | 37.1-42.3 | 3,451 | | |
| West Sulawesi | 93.0 | 92.0-94.0 | 4,361 | 44.1 | 41.8-46.6 | 58.0 | 54.9-61.0 | 1.8 | 1.4-2.4 | 34.7 | 32.3-37.3 | 4,082 | | |
| Maluku | 96.0 | 95.4-96.6 | 5,673 | 51.1 | 49.2-53.0 | 52.7 | 50.2-55.3 | 1.2 | 0.9-1.5 | 34.2 | 32.5-35.9 | 5,480 | | |
| North Maluku | 95.6 | 95.0-96.2 | 3,955 | 58.2 | 56.2-60.3 | 50.6 | 48.5-52.8 | 2.2 | 1.6-2.9 | 31.7 | 29.8-33.6 | 3,806 | | |
| Papua | 96.0 | 95.1-96.7 | 1,674 | 63.0 | 59.9-66.0 | 51.1 | 46.4-55.7 | 0.7 | 0.4-1.3 | 24.6 | 21.9-27.6 | 1,616 | | |
| South Papua | 94.9 | 93.9-95.8 | 1,808 | 55.6 | 52.7-58.5 | 49.0 | 46.0-52.0 | 0.9 | 0.5-1.5 | 36.6 | 33.9-39.3 | 1,726 | | |
| Central Papua | 89.8 | 87.8-91.4 | 3,058 | 60.1 | 57.1-63.0 | 48.9 | 45.4-52.5 | 1.7 | 1.1-2.7 | 30.5 | 27.6-33.5 | 2,761 | | |
| Highland Papua | 94.0 | 92.6-95.2 | 1,539 | 50.0 | 46.2-53.8 | 43.7 | 39.6-47.8 | 0.7 | 0.3-1.6 | 36.8 | 32.7-41.1 | 1,456 | | |
| West Papua | 78.8 | 70.7-85.2 | 4,350 | 58.9 | 54.8-63.0 | 50.0 | 45.1-54.9 | 7.3 | 3.6-14.4 | 25.9 | 21.6-30.7 | 3,449 | | |
| Southwest Papua | 93.8 | 92.1-95.2 | 4,341 | 53.8 | 48.9-58.7 | 40.4 | 35.7-45.4 | 4.5 | 2.5-8.2 | 26.1 | 22.4-30.2 | 4,097 | | |
| INDONESIA | 91.9 | 91.8-92.1 | 829,573 | 61.1 | 60.8-61.4 | 57.0 | 56.5-57.4 | 1.1 | 1.1-1.2 | 24.8 | 24.5-25.1 | 767,244 | | |

Table 9. 8 Proportion of Reasons for Never Seeking Treatment from a Dental Health Professional at the Age of ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Never seek treatment from a dental health professional | Weighted N | Reasons for never seeking treatment from a dental health professional | | | | Weighted N |
|--|--|------------|---|------------|--------------------------------|----------------|------------|
| | | | Never have a toothache | No urgency | Going to an unlicensed dentist | Self-Treatment | |
| | % | | % | % | % | | |
| Age Range (Year) | | | | | | | |
| 3 – 4 | 95.3 | 31,219 | 68.6 | 48.2 | 0.4 | 13.6 | 29,922 |
| 5 – 9 | 88.3 | 68,386 | 57.2 | 53.5 | 0.6 | 22.3 | 60,760 |
| 10 - 14 | 92.7 | 68,636 | 65.4 | 53.6 | 0.6 | 19.7 | 64,022 |
| 15 - 24 | 92.9 | 138,434 | 66.9 | 55.6 | 0.6 | 21.4 | 129,455 |
| 25 - 34 | 90.9 | 138,745 | 63.2 | 56.8 | 0.7 | 25.4 | 126,874 |
| 35 - 44 | 91.0 | 130,224 | 60.5 | 57.4 | 0.8 | 27.7 | 119,256 |
| 45 - 54 | 91.9 | 112,186 | 56.9 | 58.7 | 0.9 | 29.3 | 103,680 |
| 55 - 64 | 92.7 | 80,871 | 55.0 | 60.4 | 1.1 | 29.5 | 75,389 |
| 65+ | 94.5 | 60,872 | 55.7 | 63.7 | 1.0 | 25.5 | 57,884 |
| Age Range (Year) (WHO) | | | | | | | |
| 5 | 91.2 | 13,353 | 59.5 | 50.0 | 0.7 | 20.1 | 12,251 |
| 12 | 94.1 | 13,325 | 65.5 | 52.9 | 0.5 | 19.3 | 12,611 |
| 15 | 95.0 | 15,358 | 68.5 | 55.6 | 0.4 | 18.8 | 14,687 |
| 35-44 | 91.0 | 130,223 | 60.5 | 57.4 | 0.8 | 27.7 | 119,256 |
| 65 + | 94.5 | 60,872 | 55.7 | 63.7 | 1.0 | 25.5 | 57,884 |
| Sex | | | | | | | |
| Male | 93.1 | 418,839 | 61.2 | 57.1 | 0.7 | 25.0 | 392,197 |
| Female | 90.8 | 410,734 | 61.0 | 56.8 | 0.8 | 24.6 | 375,047 |
| Education | | | | | | | |
| Never attended school | 92.6 | 68,410 | 58.1 | 54.6 | 1.0 | 23.8 | 63,762 |
| Some primary school/Islamic primary school | 91.6 | 113,862 | 58.2 | 55.8 | 0.7 | 24.6 | 104,901 |
| Primary school/Islamic primary school graduate | 94.4 | 195,725 | 57.9 | 58.2 | 0.8 | 28.0 | 185,907 |
| Junior secondary school/Islamic junior secondary school graduate | 93.3 | 142,574 | 61.7 | 57.3 | 0.7 | 25.6 | 133,800 |
| Senior secondary school/Islamic senior secondary school graduate | 90.7 | 214,401 | 63.4 | 58.2 | 0.7 | 24.4 | 195,719 |
| D1/D2/D3/university graduate | 83.5 | 63,382 | 67.4 | 56.9 | 0.5 | 21.4 | 53,232 |
| Occupation | | | | | | | |
| Unemployed | 91.7 | 210,895 | 59.7 | 58.1 | 0.8 | 26.0 | 194,681 |
| Student | 92.8 | 116,558 | 66.9 | 54.8 | 0.5 | 19.8 | 108,800 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 83.5 | 20,595 | 66.3 | 56.0 | 0.7 | 22.7 | 17,296 |
| Private employee | 88.8 | 75,488 | 66.8 | 60.4 | 0.4 | 21.4 | 67,429 |
| Self-employed | 92.3 | 100,997 | 61.2 | 58.0 | 0.8 | 26.5 | 93,814 |
| Farmer/farm worker | 95.2 | 106,752 | 54.9 | 57.2 | 1.2 | 30.8 | 102,247 |
| Fisher | 95.0 | 5,302 | 54.4 | 53.4 | 1.2 | 33.2 | 5,069 |
| Labor/driver/domestic help | 94.2 | 53,539 | 58.9 | 60.7 | 0.6 | 28.7 | 50,724 |
| Others | 91.1 | 39,843 | 59.7 | 56.1 | 0.9 | 27.2 | 36,501 |
| Residence | | | | | | | |
| Urban | 90.3 | 484,838 | 63.1 | 58.4 | 0.6 | 23.0 | 440,423 |
| Rural | 94.2 | 344,735 | 58.4 | 55.1 | 1.0 | 27.3 | 326,821 |
| Economic Status | | | | | | | |
| Lowest | 95.6 | 119,292 | 57.0 | 54.3 | 1.0 | 28.1 | 114,705 |
| Lower middle | 94.8 | 150,359 | 58.2 | 56.8 | 0.8 | 27.3 | 143,397 |
| Middle | 93.8 | 175,521 | 59.9 | 57.5 | 0.8 | 25.9 | 165,717 |
| Upper middle | 91.8 | 193,305 | 62.0 | 57.5 | 0.7 | 24.2 | 178,514 |
| Highest | 85.8 | 191,038 | 66.9 | 57.8 | 0.5 | 20.1 | 164,857 |

9.4 TYPES OF DENTAL AND ORAL HEALTH SERVICES

Describing the types of services population received to treat dental and oral problems from dental health workers in the last 12 months.

Includes several things as follows:

- **Treatment/taking medication** is treatment in the form of pills, syrup or other forms of medication that are prescribed/administered directly by dental professionals to treat problems with the teeth, mouth, tongue or gums, **not including traditional treatment**.
- **Dental and oral care, hygiene and health counseling** is an outreach activity about dental and oral hygiene care, without taking clinical action on the teeth and mouth.
- **Tooth pull** is the act of removing teeth from the oral cavity.
- **Dentures installation** are artificial teeth, which can be partial (several teeth) or all teeth, which can be removed and installed by the Respondent themselves, or dentures which cannot be removed by the Respondent and can only be removed by dental professionals.
- **Scaling** is the action of cleaning tartar using manual or electric tools.

Proportion of procedures received from dental health workers to treat dental and oral problems aged ≥ 3 years old by Province, 2023 SKI

Proportion of types of action received by population from medical personnel/health workers to resolve their problems during the last 1 year.

$$\frac{\text{Proportion of population who self-medicate/take medication}}{\text{Total household members receiving action or treatment from health workers to resolve their problems in the last 1 year}} = \frac{\text{Total household members who seek treatment from health workers}}{\text{Total household members who seek treatment from health workers}}$$

Table 9. 9 Proportion of Procedures Received from Dental Health Workers to Treat Dental and Oral Problems at Age ≥ 3 by Province, 2023 SKI

| Province | Types of Procedures Received to Treat Dental and Oral Problems | | | | | | | | | | | Weighted N | |
|---------------------|--|------------------|--|------------------|---------------|------------------|---------------|------------------|-----------------------|----------------|-------------|----------------|---------------|
| | Medication/ taking medicine | | Dental and oral hygiene and health care counseling | | Tooth Filling | | Tooth Pulling | | Dentures Installation | | Scaling | | |
| | % | 95%CI | % | 95%CI | % | 95%CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 88.1 | 86.1-89.8 | 38.6 | 35.6-41.6 | 19.7 | 17.6-22.0 | 39.7 | 37.0-42.5 | 4.1 | 3.3-5.0 | 7.7 | 6.3-9.3 | 1,517 |
| Sumatra Utara | 70.0 | 65.4-74.2 | 36.6 | 31.4-42.2 | 19.2 | 16.1-22.9 | 34.2 | 30.5-38.1 | 4.3 | 3.1-5.9 | 14.1 | 11.2-17.5 | 1,859 |
| West Sumatra | 74.5 | 71.8-77.0 | 42.1 | 38.9-45.3 | 25.6 | 23.1-28.4 | 33.2 | 30.4-36.0 | 3.6 | 2.7-4.7 | 9.0 | 7.3-11.1 | 1,277 |
| Riau | 73.7 | 69.7-77.4 | 38.4 | 34.8-42.1 | 21.4 | 18.8-24.3 | 37.7 | 34.6-40.9 | 4.8 | 3.5-6.5 | 6.4 | 4.6-8.8 | 1,070 |
| Jambi | 82.6 | 79.2-85.6 | 49.6 | 44.1-55.0 | 20.9 | 17.5-24.8 | 46.3 | 42.4-50.3 | 3.3 | 2.2-5.1 | 7.9 | 5.7-10.9 | 548 |
| South Sumatra | 75.3 | 70.1-79.7 | 39.3 | 35.3-43.3 | 19.4 | 16.5-22.7 | 33.2 | 29.5-37.1 | 2.7 | 1.7-4.5 | 8.8 | 6.0-12.6 | 1,256 |
| Bengkulu | 78.0 | 72.7-82.6 | 32.9 | 27.8-38.5 | 20.5 | 17.0-24.5 | 36.0 | 31.4-41.3 | 3.5 | 2.2-5.5 | 9.5 | 6.3-14.2 | 304 |
| Lampung | 71.7 | 65.0-77.6 | 31.0 | 27.2-35.2 | 13.5 | 11.2-16.1 | 29.8 | 26.0-33.8 | 3.4 | 2.3-5.2 | 6.1 | 3.6-10.2 | 1,175 |
| Bangka Belitung | 47.9 | 42.7-53.3 | 25.8 | 21.9-30.2 | 17.1 | 14.3-20.4 | 51.9 | 47.9-56.0 | 5.3 | 3.7-7.5 | 9.7 | 7.1-13.3 | 257 |
| Riau Islands | 66.5 | 60.7-71.9 | 33.6 | 28.5-39.1 | 21.2 | 16.6-26.5 | 40.2 | 35.1-45.6 | 2.4 | 1.4-4.3 | 7.3 | 5.2-10.2 | 436 |
| DKI Jakarta | 47.6 | 43.3-5.02 | 46.3 | 42.3-50.3 | 41.3 | 38.0-44.6 | 23.3 | 20.3-26.5 | 4.3 | 3.1-5.8 | 21.2 | 18.0-24.8 | 3,866 |
| West Java | 69.9 | 67.8-71.9 | 49.9 | 47.7-52.1 | 25.7 | 23.9-27.5 | 30.4 | 28.8-32.2 | 2.6 | 2.1-3.2 | 14.1 | 12.7-15.7 | 13,880 |
| Central Java | 70.5 | 68.2-72.7 | 44.9 | 42.8-47.1 | 21.0 | 19.5-22.7 | 26.3 | 24.7-28.0 | 2.2 | 1.8-2.7 | 10.7 | 9.4-12.0 | 7,941 |
| DI Yogyakarta | 54.8 | 50.9-58.7 | 40.8 | 37.2-44.5 | 21.3 | 18.7-24.2 | 26.5 | 23.8-29.5 | 3.4 | 2.3-4.9 | 17.8 | 15.1-20.7 | 1,412 |
| East Java | 64.4 | 62.3-66.5 | 42.3 | 40.1-44.5 | 24.5 | 23.0-26.1 | 29.8 | 28.1-31.7 | 3.0 | 2.4-3.7 | 11.8 | 10.5-13.3 | 9,369 |
| Banten | 66.0 | 61.7-70.0 | 39.7 | 35.6-44.1 | 26.2 | 23.0-29.6 | 29.6 | 26.4-33.0 | 2.0 | 1.4-3.0 | 12.7 | 9.8-16.3 | 3,001 |
| Bali | 54.1 | 49.8-58.4 | 38.9 | 35.4-42.6 | 35.0 | 32.0-38.1 | 29.5 | 27.0-32.0 | 3.3 | 2.3-4.6 | 19.1 | 16.5-22.1 | 1,225 |
| West Nusa Tenggara | 77.1 | 73.4-80.5 | 53.7 | 49.3-57.9 | 26.7 | 23.2-30.6 | 35.4 | 31.9-39.0 | 4.9 | 3.1-7.7 | 11.0 | 8.3-14.5 | 1,085 |
| East Nusa Tenggara | 87.3 | 84.9-89.5 | 49.7 | 45.2-54.2 | 11.3 | 9.3-13.5 | 31.4 | 28.0-34.9 | 3.1 | 2.2-4.3 | 7.5 | 5.8-9.7 | 714 |
| West Kalimantan | 67.5 | 63.6-71.2 | 34.4 | 30.2-38.8 | 26.8 | 23.7-30.2 | 35.4 | 31.8-39.1 | 2.8 | 2.0-4.0 | 10.2 | 8.1-12.7 | 1,166 |
| Central Kalimantan | 67.1 | 61.4-72.3 | 32.6 | 27.8-37.7 | 25.4 | 21.3-29.9 | 32.9 | 28.3-38.0 | 2.0 | 1.2-3.2 | 8.7 | 6.0-12.5 | 311 |
| South Kalimantan | 58.8 | 54.4-63.0 | 35.2 | 31.5-39.0 | 42.5 | 38.9-46.1 | 37.2 | 34.0-40.6 | 4.0 | 2.9-5.5 | 9.6 | 7.5-12.1 | 842 |
| East Kalimantan | 50.9 | 47.1-54.7 | 45.3 | 41.4-49.3 | 31.1 | 27.9-34.5 | 33.2 | 30.4-36.1 | 1.6 | 0.9-2.8 | 14.9 | 11.6-18.9 | 1,262 |
| North Kalimantan | 57.8 | 48.8-66.3 | 40.1 | 32.2-48.5 | 39.9 | 32.3-48.0 | 36.0 | 30.8-41.6 | 1.8 | 0.8-4.1 | 14.2 | 10.0-19.6 | 192 |
| North Sulawesi | 69.2 | 64.9-73.1 | 38.4 | 34.0-42.9 | 14.8 | 12.1-18.1 | 44.1 | 39.9-48.4 | 7.6 | 5.6-10.4 | 10.2 | 7.8-13.2 | 422 |
| Central Sulawesi | 64.3 | 59.7-68.5 | 31.5 | 27.7-35.6 | 19.9 | 17.0-23.0 | 55.3 | 50.8-59.8 | 4.5 | 3.4-6.1 | 8.0 | 6.0-10.5 | 564 |
| South Sulawesi | 60.9 | 58.1-63.6 | 38.6 | 35.8-41.4 | 20.0 | 17.7-22.5 | 49.8 | 47.1-52.5 | 4.3 | 3.6-5.2 | 14.3 | 11.8-17.2 | 2,382 |
| South East Sulawesi | 63.8 | 59.7-67.7 | 41.4 | 37.1-45.9 | 25.0 | 21.6-28.7 | 54.5 | 50.7-58.2 | 5.7 | 4.2-7.7 | 12.5 | 9.9-15.7 | 552 |
| Gorontalo | 77.0 | 70.9-82.1 | 42.4 | 35.9-49.2 | 20.7 | 16.4-25.8 | 39.5 | 34.1-45.1 | 2.7 | 1.5-4.7 | 10.3 | 6.6-15.6 | 156 |
| West Sulawesi | 64.3 | 58.6-69.6 | 34.1 | 28.0-40.8 | 14.7 | 11.0-19.4 | 47.9 | 42.6-53.3 | 5.9 | 3.6-9.4 | 6.5 | 4.1-10.4 | 282 |
| Maluku | 69.3 | 62.4-75.5 | 31.7 | 26.8-37.0 | 14.0 | 10.4-18.6 | 51.6 | 45.0-58.1 | 3.5 | 2.1-5.8 | 10.3 | 6.8-15.3 | 211 |
| North Maluku | 83.3 | 78.7-87.0 | 31.7 | 26.5-37.4 | 16.4 | 12.2-21.7 | 38.9 | 32.7-45.5 | 2.5 | 1.4-4.4 | 8.5 | 5.6-12.6 | 160 |
| Papua | 74.9 | 65.0-82.8 | 39.8 | 30.4-50.0 | 23.9 | 18.0-30.8 | 40.5 | 32.9-48.7 | 1.2 | 0.5-2.8 | 5.9 | 3.3-10.1 | 63 |
| South Papua | 76.8 | 68.1-83.7 | 48.7 | 38.0-59.5 | 21.3 | 13.9-31.2 | 35.1 | 27.9-43.2 | 1.9 | 0.8-4.9 | 11.7 | 5.6-22.7 | 86 |
| Central Papua | 85.9 | 78.9-90.8 | 52.9 | 44.5-61.2 | 36.2 | 30.0-43.0 | 31.1 | 24.3-38.9 | 2.7 | 1.3-5.7 | 11.9 | 7.7-18.1 | 291 |
| Highland Papua | 72.8 | 62.6-81.1 | 41.0 | 32.7-49.8 | 11.7 | 6.8-19.5 | 34.8 | 26.6-44.0 | 0.7 | 0.2-2.8 | 8.3 | 4.7-14.1 | 85 |
| West Papua | 94.3 | 89.9-96.9 | 16.9 | 6.6-36.7 | 6.1 | 3.8-9.8 | 24.7 | 12.4-43.2 | 2.6 | 1.1-6.1 | 4.0 | 2.2-7.3 | 857 |
| Southwest Papua | 95.6 | 86.7-98.6 | 42.5 | 31.4-54.4 | 10.9 | 6.1-18.8 | 30.8 | 21.7-41.7 | 1.6 | 0.7-3.6 | 7.9 | 3.4-17.4 | 250 |
| INDONESIA | 67.5 | 66.7-68.3 | 43.0 | 42.1-43.9 | 24.6 | 23.9-25.2 | 31.9 | 31.2-32.6 | 3.1 | 2.9-3.3 | 12.5 | 11.9-13 | 62,329 |

Table 9. 10 Proportion of Procedures Received from Dental Health Workers to Treat Dental and Oral Problems at Age ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Types of Procedures Received to Treat Dental and Oral Problems | | | | | | Weighted N |
|--|--|--|---------------|---------------|-----------------------|---------|------------|
| | Medication/ taking medicine | Dental and oral hygiene and health care counseling | Tooth Filling | Tooth Pulling | Dentures Installation | Scaling | |
| | | % | % | % | % | % | |
| Age Range (Year) | | | | | | | |
| 3 – 4 | 69.3 | 54.9 | 12.9 | 13.0 | N/A | N/A | 1,376 |
| 5 – 9 | 60.3 | 42.0 | 13.5 | 48.8 | N/A | N/A | 7,437 |
| 10 -14 | 64.7 | 43.5 | 19.9 | 39.4 | N/A | N/A | 4,656 |
| 15 - 24 | 62.6 | 42.1 | 29.8 | 20.6 | 1.0 | 18.8 | 9,086 |
| 25 - 34 | 66.2 | 45.9 | 28.6 | 25.5 | 1.6 | 19.1 | 11,761 |
| 35 - 44 | 70.0 | 42.7 | 29.1 | 28.7 | 2.4 | 14.7 | 10,877 |
| 45 - 54 | 75.6 | 41.5 | 24.7 | 34.1 | 5.1 | 10.7 | 8,500 |
| 55 - 64 | 73.5 | 41.8 | 23.1 | 37.6 | 8.0 | 8.5 | 5,527 |
| 65+ | 66.3 | 38.5 | 18.9 | 40.7 | 15.2 | 6.0 | 3,108 |
| Age Range (Year) (WHO) | | | | | | | |
| 5 | 67.0 | 48.8 | 18.8 | 23.9 | N/A | 2.8 | 1,095 |
| 12 | 66.6 | 43.8 | 21.2 | 38.8 | N/A | 6.1 | 735 |
| 15 | 64.3 | 43.5 | 28.9 | 14.7 | 0.4 | 11.6 | 707 |
| 35-44 | 70.0 | 42.7 | 29.1 | 28.7 | 2.4 | 14.7 | 10,877 |
| 65 + | 66.3 | 38.5 | 18.9 | 40.7 | 15.2 | 6.0 | 3,108 |
| Sex | | | | | | | |
| Male | 68.7 | 41.7 | 23.7 | 33.5 | 2.9 | 11.7 | 27,008 |
| Female | 66.6 | 44.0 | 25.2 | 30.6 | 3.2 | 13.1 | 35,321 |
| Education | | | | | | | |
| Never attended school | 68.6 | 41.2 | 14.9 | 38.9 | 2.1 | 4.0 | 4,685 |
| Some primary school/Islamic primary school | 65.5 | 40.4 | 14.2 | 46.9 | 1.2 | 4.7 | 8,930 |
| Primary school/Islamic primary school graduate | 78.2 | 38.3 | 17.5 | 31.7 | 4.7 | 5.6 | 10,188 |
| Junior secondary school/Islamic junior secondary school graduate | 74.6 | 41.9 | 24.9 | 28.7 | 3.8 | 8.8 | 8,921 |
| Senior secondary school/Islamic senior secondary school graduate | 66.9 | 43.2 | 29.7 | 28.9 | 2.9 | 15.9 | 18,487 |
| D1/D2/D3/university graduate | 52.0 | 50.1 | 37.7 | 26.1 | 3.8 | 28.9 | 9,742 |
| Occupation | | | | | | | |
| Unemployed | 70.3 | 42.9 | 24.6 | 30.4 | 4.1 | 12.4 | 16,186 |
| Student | 60.6 | 43.9 | 27.6 | 28.0 | 0.5 | 13.6 | 7,834 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 57.8 | 51.1 | 34.3 | 32.5 | 5.0 | 25.1 | 3,166 |
| Private employee | 59.6 | 46.0 | 34.6 | 23.1 | 2.6 | 22.7 | 7,878 |
| Self-employed | 71.1 | 43.0 | 29.0 | 31.4 | 4.2 | 13.5 | 7,213 |
| Farmer/farm worker | 85.9 | 30.4 | 12.6 | 33.2 | 5.3 | 3.2 | 4,772 |
| Fisher | 77.4 | 33.7 | 11.8 | 47.3 | 4.7 | 4.7 | 246 |
| Labor/driver/domestic help | 78.8 | 41.4 | 20.0 | 31.5 | 3.1 | 7.1 | 2,906 |
| Others | 68.9 | 43.7 | 26.3 | 37.1 | 5.6 | 13.3 | 3,315 |
| Residence | | | | | | | |
| Urban | 62.9 | 45.7 | 28.3 | 31.3 | 3.0 | 15.0 | 43,810 |
| Rural | 78.3 | 36.6 | 15.8 | 33.3 | 3.2 | 6.5 | 18,519 |
| Economic Status | | | | | | | |
| Lowest | 87.2 | 32.2 | 8.9 | 27.0 | 2.2 | 3.4 | 4,919 |
| Lower middle | 78.1 | 37.2 | 15.2 | 32.2 | 2.8 | 4.4 | 7,291 |
| Middle | 76.9 | 39.8 | 18.0 | 33.7 | 2.6 | 6.5 | 10,061 |
| Upper middle | 70.5 | 41.1 | 23.0 | 34.1 | 3.1 | 9.3 | 14,770 |
| Highest | 55.1 | 49.2 | 33.8 | 30.7 | 3.6 | 20.8 | 25,285 |

9.5 DENTAL AND ORAL DISEASE IMPACT ON QUALITY OF LIFE

Proportion of dental and oral disease impact on quality of life aged ≥ 3 years old.

Proportion of the population having problems with dental and oral health resulting in being absent from school, or being unemployed, unable to play (children under five) or unable to carry out activities

| | | |
|--|---|---|
| <i>The proportion of the population whose activities are affected by dental and oral health problems</i> | = | Total household members who do not go to school, or are unemployed, cannot play (children under five) or cannot carry out activities due to dental and oral health problems |
| | | <i>Total household members with dental and oral health problems in the last 1 year</i> |

Table 9. 11 Proportion of Dental and Oral Diseases Impact on Quality of Life Age ≥ 3 by Province, 2023 SKI

| Regency/City | Affected | | Unaffected | | Weighted N |
|---------------------|-----------------|----------------|-------------------|------------------|-------------------|
| | % | 95%CI | % | 95%CI | |
| Aceh | 11.1 | 10.5-11.8 | 88.9 | 88.2-89.5 | 13,488 |
| Sumatra Utara | 7.2 | 6.7-7.7 | 92.8 | 92.3-93.3 | 40,713 |
| West Sumatra | 8.5 | 7.9-9.1 | 91.5 | 90.9-92.1 | 14,655 |
| Riau | 8.4 | 7.7-9.2 | 91.6 | 90.8-92.3 | 17,198 |
| Jambi | 7.4 | 6.6-8.3 | 92.6 | 91.7-93.4 | 9,490 |
| South Sumatra | 8.3 | 7.6-9.1 | 91.7 | 90.9-92.4 | 22,677 |
| Bengkulu | 8.9 | 8.0-9.9 | 91.1 | 90.1-9.02 | 5,332 |
| Lampung | 6.9 | 6.4-7.6 | 93.1 | 92.4-93.6 | 24,513 |
| Bangka Belitung | 5.8 | 5.2-6.5 | 94.2 | 93.5-94.8 | 4,089 |
| Riau Islands | 6.9 | 6.0-7.9 | 93.1 | 92.1-94.0 | 5,318 |
| DKI Jakarta | 8.4 | 7.5-9.3 | 91.6 | 90.7-92.5 | 24,628 |
| West Java | 10.5 | 9.9-11.0 | 89.5 | 89.0-90.1 | 125,798 |
| Central Java | 7.7 | 7.3-8.1 | 92.3 | 91.9-92.7 | 94,951 |
| DI Yogyakarta | 7.1 | 6.3-7.9 | 92.9 | 92.1-93.7 | 8,628 |
| East Java | 7.9 | 7.4-8.3 | 92.1 | 91.7-92.6 | 100,268 |
| Banten | 8.4 | 7.5-9.4 | 91.6 | 90.6-92.5 | 32,429 |
| Bali | 5.9 | 5.1-6.7 | 94.1 | 93.3-94.9 | 10,857 |
| West Nusa Tenggara | 9.4 | 8.4-10.5 | 90.6 | 89.5-91.6 | 13,244 |
| East Nusa Tenggara | 11.1 | 10.5-11.8 | 88.9 | 88.2-89.5 | 13,302 |
| West Kalimantan | 6.8 | 6.1-7.5 | 93.2 | 92.5-93.9 | 14,596 |
| Central Kalimantan | 7.7 | 6.9-8.6 | 92.3 | 91.4-93.1 | 7,315 |
| South Kalimantan | 7.2 | 6.6-7.9 | 92.8 | 92.1-93.4 | 11,113 |
| East Kalimantan | 10.2 | 9.3-11.3 | 89.8 | 88.7-90.7 | 10,181 |
| North Kalimantan | 8.3 | 7.2-9.6 | 91.7 | 90.4-92.8 | 1,880 |
| North Sulawesi | 11.1 | 10.2-12.2 | 88.9 | 87.8-89.8 | 7,013 |
| Central Sulawesi | 13.5 | 12.4-14.6 | 86.5 | 85.4-87.6 | 8,006 |
| South Sulawesi | 9.5 | 9.0-10.0 | 90.5 | 90.0-91.0 | 24,197 |
| South East Sulawesi | 10.7 | 10.0-11.5 | 89.3 | 88.5-90.0 | 6,868 |
| Gorontalo | 11.4 | 10.2-12.7 | 88.6 | 87.3-89.8 | 3,164 |
| West Sulawesi | 12.4 | 11.2-13.6 | 87.6 | 86.4-88.8 | 3,834 |
| Maluku | 13.5 | 12.3-14.9 | 86.5 | 85.1-87.7 | 4,808 |
| North Maluku | 14.6 | 13.2-16.1 | 85.4 | 83.9-86.8 | 3,051 |
| Papua | 10.3 | 8.6-12.4 | 89.7 | 87.6-91.4 | 1,328 |
| South Papua | 12.6 | 10.9-14.5 | 87.4 | 85.5-89.1 | 1,531 |
| Central Papua | 13.0 | 11.5-14.8 | 87.0 | 85.2-88.5 | 2,572 |
| Highland Papua | 16.7 | 13.9-19.8 | 83.3 | 80.2-86.1 | 1,275 |
| West Papua | 12.3 | 9.2-16.3 | 87.7 | 83.7-90.8 | 3,512 |
| Southwest Papua | 16.9 | 13.3-21.1 | 83.1 | 78.9-86.7 | 3,604 |
| INDONESIA | 8.8 | 8.7-9.0 | 91.2 | 91.0-91.3 | 701,428 |

Table 9. 12 Proportion of Dental and Oral Diseases Impact on Quality of Life Age ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Affected | Unaffected | Weighted N |
|--|----------|------------|------------|
| | % | % | |
| Age Range (Year) | | | |
| 3 – 4 | 7.4 | 92.6 | 24,076 |
| 5 – 9 | 11.3 | 88.7 | 61,037 |
| 10 – 14 | 9.8 | 90.2 | 60,071 |
| 15 – 24 | 8.4 | 91.6 | 118,195 |
| 25 – 34 | 9.0 | 91.0 | 117,381 |
| 35 – 44 | 8.9 | 91.1 | 110,698 |
| 45 – 54 | 8.7 | 91.3 | 95,415 |
| 55 – 64 | 8.3 | 91.7 | 67,347 |
| 65+ | 6.6 | 93.4 | 47,209 |
| Age Range (Year) (WHO) | | | |
| 5 | 9.6 | 90.4 | 11,466 |
| 12 | 9.1 | 90.9 | 11,655 |
| 15 | 8.8 | 91.2 | 13,173 |
| 35-44 | 8.9 | 91.1 | 110,698 |
| 65 + | 6.6 | 93.4 | 47,209 |
| Sex | | | |
| Male | 8.7 | 91.3 | 354,160 |
| Female | 9.0 | 91.0 | 347,268 |
| Education | | | |
| Never attended school | 9.7 | 90.3 | 57,293 |
| Some primary school/Islamic primary school | 10.5 | 89.5 | 98,691 |
| Primary school/Islamic primary school graduate | 8.9 | 91.1 | 164,107 |
| Junior secondary school/Islamic junior secondary school graduate | 8.7 | 91.3 | 120,933 |
| Senior secondary school/Islamic senior secondary school graduate | 8.1 | 91.9 | 182,282 |
| D1/D2/D3/university graduate | 7.8 | 92.2 | 54,046 |
| Occupation | | | |
| Unemployed | 8.8 | 91.2 | 176,947 |
| Student | 8.8 | 91.2 | 101,188 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 8.2 | 91.8 | 17,522 |
| Private employee | 7.8 | 92.2 | 64,344 |
| Self-employed | 8.4 | 91.6 | 85,268 |
| Farmer/farm worker | 8.7 | 91.3 | 88,026 |
| Fisher | 10.6 | 89.4 | 4,413 |
| Labor/driver/domestic help | 9.4 | 90.6 | 45,360 |
| Others | 8.3 | 91.7 | 33,247 |
| Residence | | | |
| Urban | 8.4 | 91.6 | 411,177 |
| Rural | 9.4 | 90.6 | 290,251 |
| Economic Status | | | |
| Lowest | 9.6 | 90.4 | 98,364 |
| Lower middle | 9.3 | 90.7 | 127,005 |
| Middle | 8.9 | 91.1 | 149,163 |
| Upper middle | 8.5 | 91.5 | 164,495 |
| Highest | 8.2 | 91.8 | 162,356 |

9.5 BEHAVIOR OF MAINTAINING ORAL AND DENTAL HYGIENE BY BRUSHING TEETH

To prevent dental caries as well as to maintain good oral hygiene, a person needs to maintain the cleanliness of their teeth and mouth by brushing their teeth well and regularly.

Brushing teeth is the activity of cleaning teeth using a toothbrush or other tool (for example coconut fiber) with or without toothpaste.

Brushing teeth daily is an activity that is carried out routinely every day outside of emergency situations (illness, accident, cracked/broken jaw, *trismus* (unable to open the mouth), and other conditions that do not allow a person to brush their teeth).

The correct behavior in brushing your teeth refers to FDI (*Fédération Dentaire Internationale*), is the habit of brushing your teeth every day, at least twice a day, after breakfast and before going to bed at night.

1. Proportion of Brushing Teeth Frequency and Time of Brushing Teeth Correctly at Age ≥ 3 years old by Province, 2023 SKI

Proportion of brushing teeth daily frequency in the population

$$\text{The proportion of population with the habit of brushing their teeth} = \frac{\text{Total household with a brushing teeth frequency of 2 or more than 2 times per day}}{\text{Total household members who brush their teeth every day}}$$

The proportion of the population with a correct habit of brushing their teeth (in the morning after breakfast and before going to bed at night)

$$\text{The proportion of the population with a habit of brushing their teeth every day at the correct time (after breakfast and before bedtime)} = \frac{\text{Total household members with a habit of brushing their teeth in the morning after breakfast and before going to bed at night}}{\text{Total household members who brush their teeth every day with a frequency of brushing their teeth 2 or more than 2 times per day}}$$

Table 9. 13 Proportion of Brushing Teeth Frequency and Time of Brushing Teeth Correctly at Age \geq 3 years old by Province, 2023 SKI

| Regency/City | Not brushing teeth daily | | Brushing teeth daily | | | | Brush teeth in Correct time | Weighted N | | |
|---------------------|--------------------------|----------------|----------------------|----------------|-------------|------------------|--------------------------------|----------------|--|--|
| | | | 1x | | 2x | | | | | |
| | % | 95%CI | % | 95%CI | % | 95%CI | | | | |
| Aceh | 6.15 | 5.7-6.7 | 16.0 | 15.0-17.0 | 68.7 | 67.5-69.9 | 5.8 | 5.2-6.4 | | |
| Sumatra Utara | 5.51 | 5.1-5.9 | 11.9 | 11.2-12.5 | 76.7 | 75.7-77.7 | 2.9 | 2.6-3.3 | | |
| West Sumatra | 3.50 | 3.2-3.8 | 13.2 | 12.4-14.1 | 78.6 | 77.6-79.5 | 1.2 | 1.0-1.4 | | |
| Riau | 4.53 | 4.1-5.1 | 8.7 | 7.9-9.6 | 78.2 | 76.9-79.4 | 3.8 | 3.1-4.6 | | |
| Jambi | 4.01 | 3.6-4.5 | 5.8 | 5.2-6.6 | 76.9 | 75.2-78.5 | 3.4 | 2.8-4.0 | | |
| South Sumatra | 3.85 | 3.4-4.4 | 5.9 | 5.4-6.6 | 81.6 | 80.5-82.7 | 4.0 | 3.4-4.7 | | |
| Bengkulu | 3.94 | 3.4-4.5 | 5.4 | 4.8-6.0 | 83.5 | 82.1-84.8 | 2.7 | 2.2-3.3 | | |
| Lampung | 4.81 | 4.3-5.4 | 6.0 | 5.4-6.7 | 79.9 | 78.7-81.1 | 3.5 | 3.0-4.1 | | |
| Bangka Belitung | 2.81 | 2.4-3.2 | 6.4 | 5.6-7.2 | 73.4 | 71.6-75.0 | 6.3 | 5.3-7.4 | | |
| Riau Islands | 1.85 | 1.5-2.3 | 5.4 | 4.6-6.4 | 76.1 | 73.7-78.4 | 2.9 | 2.3-3.6 | | |
| DKI Jakarta | 2.33 | 1.9-2.8 | 6.4 | 5.7-7.1 | 70.2 | 68.5-71.9 | 6.8 | 5.9-7.8 | | |
| West Java | 2.79 | 2.6-3 | 7.8 | 7.4-8.2 | 67.8 | 67.0-68.6 | 5.8 | 5.5-6.2 | | |
| Central Java | 3.37 | 3.1-3.6 | 8.2 | 7.8-8.6 | 75.8 | 75.1-76.5 | 5.0 | 4.7-5.3 | | |
| DI Yogyakarta | 2.88 | 2.5-3.4 | 7.8 | 7.1-8.6 | 72.9 | 71.5-74.3 | 10.0 | 8.9-11.2 | | |
| East Java | 3.33 | 3.1-3.6 | 9.0 | 8.5-9.4 | 71.4 | 70.6-72.1 | 4.1 | 3.8-4.5 | | |
| Banten | 3.30 | 2.9-3.8 | 7.1 | 6.4-7.8 | 73.3 | 71.9-74.7 | 4.2 | 3.6-4.8 | | |
| Bali | 4.32 | 3.9-4.8 | 10.0 | 9.3-10.9 | 77.4 | 75.4-79.3 | 12.4 | 10.1-15.0 | | |
| West Nusa Tenggara | 4.47 | 3.9-5.1 | 15.3 | 14.2-16.4 | 66.2 | 64.9-67.6 | 10.5 | 9.5-11.6 | | |
| East Nusa Tenggara | 11.79 | 11.1-12.5 | 32.0 | 30.7-33.3 | 61.2 | 60.0-62.5 | 5.5 | 4.9-6.0 | | |
| West Kalimantan | 2.68 | 2.4-3 | 6.9 | 6.3-7.6 | 75.5 | 74.0-77.0 | 9.2 | 8.3-10.2 | | |
| Central Kalimantan | 4.99 | 4.3-5.8 | 7.7 | 6.8-8.7 | 79.9 | 78.4-81.4 | 5.3 | 4.4-6.3 | | |
| South Kalimantan | 3.93 | 3.4-4.5 | 10.3 | 9.4-11.2 | 75.3 | 74.1-76.6 | 7.7 | 6.9-8.5 | | |
| East Kalimantan | 2.78 | 2.3-3.3 | 5.2 | 4.7-5.8 | 68.4 | 66.6-70.2 | 9.9 | 8.2-12 | | |
| North Kalimantan | 3.72 | 3-4.5 | 8.6 | 7.2-10.2 | 75.2 | 72.5-77.7 | 6.7 | 5.5-8.0 | | |
| North Sulawesi | 4.25 | 3.7-4.9 | 10.6 | 9.8-11.5 | 74.8 | 73.5-76.0 | 6.8 | 5.9-7.9 | | |
| Central Sulawesi | 4.79 | 4.2-5.4 | 10.2 | 9.4-11.0 | 67.0 | 65.6-68.3 | 8.2 | 7.4-9.1 | | |
| South Sulawesi | 4.39 | 4.1-4.7 | 15.4 | 14.7-16.1 | 69.3 | 68.4-70.1 | 22.6 | 21.6-23.6 | | |
| South East Sulawesi | 4.77 | 4.3-5.3 | 10.6 | 9.9-11.3 | 67.8 | 66.3-69.2 | 21.0 | 19.5-22.5 | | |
| Gorontalo | 3.10 | 2.7-3.6 | 7.9 | 7-8.8.0 | 67.7 | 65.7-69.7 | 6.0 | 5.1-7.0 | | |
| West Sulawesi | 5.15 | 4.4-6 | 12.9 | 11.8-14.1 | 69.2 | 67.1-71.2 | 21.6 | 19.1-24.3 | | |
| Maluku | 3.91 | 3.5-4.4 | 9.9 | 8.9-11.1 | 71.7 | 69.8-73.4 | 4.0 | 3.4-4.6 | | |
| North Maluku | 9.72 | 8.7-10.8 | 12.1 | 11.1-13.2 | 74.2 | 72.7-75.7 | 3.1 | 2.6-3.7 | | |
| Papua | 9.51 | 7.9-11.4 | 20.3 | 17.5-23.5 | 65.1 | 61.5-68.5 | 10.4 | 7.9-13.5 | | |
| South Papua | 7.92 | 6.7-9.3 | 14.0 | 12.2-16.0 | 62.2 | 59.2-65.2 | 9.7 | 7.7-12.1 | | |
| Central Papua | 12.03 | 10.7-13.5 | 22.7 | 20.6-25.0 | 66.3 | 64.0-68.4 | 6.8 | 5.7-8.2 | | |
| Highland Papua | 37.66 | 33.3-42.2 | 20.5 | 17.7-23.5 | 70.4 | 67.2-73.4 | 6.8 | 5.2-8.7 | | |
| Papua Barat | 42.68 | 35.8-49.9 | 22.4 | 18.1-27.2 | 72.3 | 67.1-76.9 | 15.4 | 12-19.5 | | |
| Southwest Papua | 58.32 | 53-63.5 | 48.2 | 41.3-55.2 | 48.6 | 41.9-55.4 | 21.0 | 17.3-25.2 | | |
| INDONESIA | 4.37 | 4.3-4.5 | 9.5 | 9.3-9.6 | 72.5 | 72.3-72.8 | 6.2 | 6.1-6.3 | | |
| | | | | | | | | 774,665 | | |

Table 9. 14 Proportion of Brushing Teeth Frequency and Time of Brushing Teeth Correctly at Age ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Not brushing teeth daily | Brushing teeth daily | | Correct time to brush teeth | Weighted N |
|--|--------------------------------|-------------------------|------|-----------------------------------|------------|
| | % | 1x % | 2x % | % | |
| Age Range (Year) | | | | | |
| 3 – 4 | 11.18 | 22.5 | 68.7 | 4.6 | 27,095 |
| 5 – 9 | 5.34 | 15.0 | 73.6 | 4.6 | 63,748 |
| 10 - 14 | 3.79 | 10.4 | 75.7 | 5.3 | 64,999 |
| 15 - 24 | 3.16 | 6.7 | 72.8 | 7.4 | 131,929 |
| 25 - 34 | 2.96 | 6.2 | 72.8 | 7.5 | 132,518 |
| 35 - 44 | 2.81 | 6.9 | 73.3 | 6.8 | 124,487 |
| 45 - 54 | 3.23 | 8.2 | 72.4 | 5.9 | 106,671 |
| 55 - 64 | 5.10 | 11.0 | 71.1 | 5.1 | 74,516 |
| 65+ | 11.53 | 17.8 | 68.4 | 4.4 | 48,702 |
| Age Range (Year) (WHO) | | | | | |
| 5 | 4.04 | 17.4 | 71.2 | 4.6 | 12,250 |
| 12 | 6.74 | 9.7 | 76.6 | 5.6 | 12,658 |
| 15 | 3.63 | 8.0 | 75.8 | 5.7 | 14,651 |
| 35-44 | 3.08 | 6.9 | 73.3 | 6.8 | 124,487 |
| 65 + | 2.81 | 17.8 | 68.4 | 4.4 | 48,702 |
| Sex | | | | | |
| Male | 4.69 | 11.2 | 74.4 | 5.6 | 389,907 |
| Female | 4.04 | 7.8 | 70.6 | 6.8 | 384,758 |
| Education | | | | | |
| Never attended school | 11.18 | 15.8 | 71.7 | 4.6 | 27,095 |
| Some primary school/Islamic primary school | 10.38 | 12.9 | 73.4 | 4.4 | 58,854 |
| Primary school/Islamic primary school graduate | 5.56 | 10.1 | 72.7 | 4.8 | 104,577 |
| Junior secondary school/Islamic junior secondary school graduate | 4.52 | 7.4 | 74.3 | 4.6 | 181,418 |
| Senior secondary school/Islamic senior secondary school graduate | 2.97 | 6.5 | 72.8 | 6.0 | 135,833 |
| D1/D2/D3/university graduate | 2.38 | 4.9 | 68.3 | 7.5 | 205,846 |
| Occupation | | | | | |
| Unemployed | 7.16 | 7.7 | 70.3 | 6.6 | 195,692 |
| Student | 4.41 | 8.3 | 74.4 | 6.6 | 111,203 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 3.09 | 5.1 | 68.5 | 11.6 | 19,761 |
| Private employee | 2.30 | 4.9 | 73.1 | 7.5 | 72,864 |
| Self-employed | 1.97 | 7.4 | 74.5 | 6.4 | 96,523 |
| Farmer/farm worker | 2.53 | 14.5 | 73.3 | 3.9 | 94,858 |
| Fisher | 7.73 | 13.5 | 72.3 | 6.3 | 4,866 |
| Labor/driver/domestic help | 5.93 | 8.8 | 74.1 | 5.0 | 50,832 |
| Others | 3.00 | 7.7 | 70.3 | 8.0 | 37,223 |
| Residence | | | | | |
| Urban | 3.21 | 8.1 | 71.4 | 6.7 | 459,146 |
| Rural | 6.01 | 11.5 | 74.3 | 5.4 | 315,519 |
| Economic Status | | | | | |
| Lowest | 10.71 | 16.3 | 70.4 | 4.9 | 102,290 |
| Lower middle | 4.52 | 11.0 | 73.8 | 5.3 | 139,935 |
| Middle | 3.53 | 9.2 | 74.0 | 5.4 | 165,763 |
| Upper middle | 3.07 | 7.9 | 73.7 | 6.1 | 183,655 |
| Highest | 2.48 | 6.5 | 70.2 | 8.5 | 182,977 |

2. Proportion of owning a toothbrush and using toothpaste at age > 3 years old

Proportion of owning a toothbrush among the population

$$\frac{\text{Proportion of population with their own toothbrush}}{\text{Total household members who brush their teeth every day}} = \frac{\text{Total household members who brush their teeth using their own toothbrush}}{\text{Total household members who brush their teeth every day}}$$

Proportion of population using toothpaste when brushing their teeth

$$\frac{\text{The proportion of population who always uses toothpaste}}{\text{Total household members who brush their teeth every day}} = \frac{\text{Total household members who always use toothpaste when brushing their teeth}}{\text{Total household members who brush their teeth every day}}$$

Table 9. 15 Proportion of Owning a Toothbrush and Using Toothpaste at age ≥ 3 by Province, 2023 SKI

| Province | Owning a Toothbrush | | | | Using Toothpaste | | | | Weighted N |
|---------------------|-------------------------|------------------|-------------------------|----------------|------------------|------------------|-------------------|----------------|----------------|
| | Individually Owned % | 95% CI | Collectively Owned % | 95% CI | Yes % | 95% CI | Occasionally % | 95% CI | |
| Aceh | 99.2 | 99.0-99.3 | 0.8 | 0.7-1.0 | 97.6 | 97.2-97.9 | 2.4 | 2.1-2.7 | 14,882 |
| Sumatra Utara | 94.5 | 94.0-95.0 | 5.5 | 5.0-6.0 | 98.4 | 98.2-98.6 | 1.5 | 1.3-1.7 | 42,254 |
| West Sumatra | 97.7 | 97.1-98.1 | 2.3 | 1.9-2.9 | 98.5 | 98.2-98.7 | 1.4 | 1.2-1.7 | 16,179 |
| Riau | 99.1 | 98.8-99.3 | 0.9 | 0.7-1.2 | 98.4 | 98.1-98.7 | 1.6 | 1.3-1.9 | 18,406 |
| Jambi | 99.2 | 98.9-99.4 | 0.8 | 0.6-1.1 | 99.0 | 98.8-99.2 | 1.0 | 0.8-1.2 | 10,290 |
| South Sumatra | 98.8 | 98.5-99.1 | 1.2 | 0.9-1.5 | 98.5 | 98.2-98.8 | 1.4 | 1.1-1.7 | 24,536 |
| Bengkulu | 97.4 | 96.6-98.0 | 2.6 | 2-3.4.0 | 98.6 | 98.3-98.8 | 1.3 | 1.1-1.6 | 5,861 |
| Lampung | 99.0 | 98.6-99.3 | 1.0 | 0.7-1.4 | 98.6 | 98.4-98.8 | 1.3 | 1.1-1.6 | 25,847 |
| Bangka Belitung | 99.6 | 99.4-99.7 | 0.4 | 0.3-0.6 | 99.3 | 99.1-99.5 | 0.7 | 0.5-0.9 | 4,299 |
| Riau Islands | 99.6 | 99.4-99.8 | 0.4 | 0.2-0.6 | 99.1 | 98.3-99.6 | 0.8 | 0.4-1.7 | 6,114 |
| DKI Jakarta | 99.8 | 99.6-99.9 | 0.2 | 0.1-0.4 | 99.6 | 99.4-99.7 | 0.4 | 0.3-0.5 | 30,474 |
| West Java | 98.0 | 97.7-98.3 | 2.0 | 1.7-2.3 | 99.1 | 99.0-99.2 | 0.8 | 0.7-0.9 | 141,473 |
| Central Java | 99.4 | 99.3-99.5 | 0.6 | 0.5-0.7 | 99.0 | 98.8-99.1 | 0.9 | 0.8-1.1 | 105,565 |
| DI Yogyakarta | 99.6 | 99.4-99.7 | 0.4 | 0.3-0.6 | 99.3 | 99.1-99.5 | 0.5 | 0.3-0.7 | 10,557 |
| East Java | 97.6 | 97.2-97.9 | 2.4 | 2.1-2.8 | 98.7 | 98.5-98.9 | 1.2 | 1.0-1.3 | 117,041 |
| Banten | 98.8 | 98.1-99.2 | 1.2 | 0.8-1.9 | 98.9 | 98.6-99.1 | 1.0 | 0.8-1.3 | 34,760 |
| Bali | 99.6 | 99.4-99.7 | 0.4 | 0.3-0.6 | 99.1 | 98.9-99.3 | 0.9 | 0.7-1.1 | 12,244 |
| West Nusa Tenggara | 99.4 | 99.1-99.5 | 0.6 | 0.5-0.9 | 98.8 | 98.4-99.1 | 1.2 | 0.9-1.6 | 15,324 |
| East Nusa Tenggara | 97.4 | 97.1-97.8 | 2.6 | 2.2-2.9 | 95.7 | 94.7-96.6 | 3.8 | 3.0-4.8 | 13,992 |
| West Kalimantan | 99.6 | 99.5-99.7 | 0.4 | 0.3-0.5 | 98.7 | 98.4-98.9 | 1.3 | 1.1-1.6 | 15,926 |
| Central Kalimantan | 98.8 | 98.3-99.1 | 1.2 | 0.9-1.7 | 98.5 | 98.1-98.8 | 1.5 | 1.2-1.8 | 7,633 |
| South Kalimantan | 99.0 | 98.6-99.2 | 1.0 | 0.8-1.4 | 98.4 | 98.0-98.8 | 1.5 | 1.2-2.0 | 11,743 |
| East Kalimantan | 99.7 | 99.5-99.8 | 0.3 | 0.2-0.5 | 99.1 | 98.9-99.3 | 0.7 | 0.5-0.9 | 11,091 |
| North Kalimantan | 99.7 | 99.4-99.9 | 0.3 | 0.1-0.6 | 99.1 | 98.7-99.4 | 0.9 | 0.6-1.3 | 2,035 |
| North Sulawesi | 99.5 | 99.3-99.6 | 0.5 | 0.4-0.7 | 98.9 | 98.6-99.1 | 1.1 | 0.9-1.3 | 7,496 |
| Central Sulawesi | 99.6 | 99.4-99.7 | 0.4 | 0.3-0.6 | 98.7 | 98.4-99.0 | 1.2 | 1.0-1.5 | 8,471 |
| South Sulawesi | 99.5 | 99.4-99.6 | 0.5 | 0.4-0.6 | 99.0 | 98.9-99.2 | 0.9 | 0.8-1.0 | 25,841 |
| South East Sulawesi | 99.6 | 99.5-99.7 | 0.4 | 0.3-0.5 | 99.0 | 98.8-99.2 | 0.9 | 0.8-1.1 | 7,546 |
| Gorontalo | 99.7 | 99.5-99.8 | 0.3 | 0.2-0.5 | 99.4 | 98.9-99.6 | 0.6 | 0.4-1.0 | 3,390 |
| West Sulawesi | 99.5 | 99.2-99.6 | 0.5 | 0.4-0.8 | 98.9 | 98.6-99.1 | 1.1 | 0.8-1.4 | 4,017 |
| Maluku | 98.0 | 97.1-98.6 | 2.0 | 1.4-2.9 | 98.5 | 98.1-98.8 | 1.5 | 1.2-1.9 | 5,341 |
| North Maluku | 99.2 | 98.8-99.4 | 0.8 | 0.6-1.2 | 98.0 | 97.6-98.3 | 1.9 | 1.5-2.3 | 3,474 |
| Papua | 98.8 | 98.2-99.2 | 1.2 | 0.8-1.8 | 95.3 | 93.7-96.4 | 4.6 | 3.4-6.1 | 1,479 |
| South Papua | 98.9 | 98.4-99.3 | 1.1 | 0.7-1.6 | 98.0 | 97.4-98.4 | 2.0 | 1.5-2.5 | 1,636 |
| Central Papua | 98.9 | 98.3-99.3 | 1.1 | 0.7-1.7 | 96.0 | 95.1-96.8 | 3.8 | 3.1-4.7 | 2,629 |
| Highland Papua | 98.5 | 97.6-99.1 | 1.5 | 0.9-2.4 | 90.4 | 87.4-92.8 | 9.6 | 7.2-12.6 | 938 |
| West Papua | 99.1 | 98.1-99.6 | 0.9 | 0.4-1.9 | 83.6 | 77.9-88.1 | 14.3 | 10.1-19.9 | 2,192 |
| Southwest Papua | 97.2 | 94.7-98.5 | 2.8 | 1.5-5.3 | 74.5 | 66.7-81.0 | 14.7 | 11-19.3 | 1,688 |
| INDONESIA | 98.4 | 98.4-98.5 | 1.6 | 1.5-1.6 | 98.7 | 98.6-98.7 | 1.2 | 1.2-1.3 | 774,665 |

Table 9. 16 Proportion of Owning a Toothbrush and Using Toothpaste at age ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Owning a Toothbrush | | Using Toothpaste | | Weighted N |
|--|-------------------------|-------------------------|------------------|-------------------|------------|
| | Individually Owned % | Collectively Owned % | Yes % | Occasionally % | |
| Age Range (Year) | | | | | |
| 3 – 4 | 98.3 | 1.7 | 96.3 | 3.3 | 27,095 |
| 5 – 9 | 98.3 | 1.7 | 98.4 | 1.5 | 63,748 |
| 10 - 14 | 98.0 | 2.0 | 98.8 | 1.2 | 64,998 |
| 15 - 24 | 98.5 | 1.5 | 99.0 | 1.0 | 131,929 |
| 25 - 34 | 98.6 | 1.4 | 99.0 | 0.9 | 132,518 |
| 35 - 44 | 98.4 | 1.6 | 99.0 | 0.9 | 124,486 |
| 45 - 54 | 98.4 | 1.6 | 98.8 | 1.1 | 10,667 |
| 55 - 64 | 98.5 | 1.5 | 98.5 | 1.3 | 74,516 |
| 65+ | 98.7 | 1.3 | 97.4 | 2.1 | 48,702 |
| Age Range (Year) (WHO) | | | | | |
| 5 | 98.2 | 1.8 | 98.7 | 1.75 | 561,917 |
| 12 | 98.0 | 2.0 | 98.1 | 1.01 | 12,250 |
| 15 | 98.2 | 1.8 | 98.9 | 1.13 | 12,658 |
| 35-44 | 98.4 | 1.6 | 98.8 | 0.94 | 14,651 |
| 65 + | 98.7 | 1.3 | 99.0 | 2.06 | 124,486 |
| Sex | | | | | |
| Male | 98.4 | 1.6 | 98.6 | 1.32 | 389,907 |
| Female | 98.5 | 1.5 | 98.8 | 1.10 | 384,758 |
| Education | | | | | |
| Never attended school | 97.7 | 2.3 | 97.7 | 2.0 | 58,854 |
| Some primary school/Islamic primary school | 98.0 | 2.0 | 98.3 | 1.6 | 104,577 |
| Primary school/Islamic primary school graduate | 97.9 | 2.1 | 98.5 | 1.3 | 181,418 |
| Junior secondary school/Islamic junior secondary school graduate | 98.4 | 1.6 | 99.0 | 1.0 | 135,833 |
| Senior secondary school/Islamic senior secondary school graduate | 99.1 | 0.9 | 99.2 | 0.8 | 205,846 |
| D1/D2/D3/university graduate | 99.5 | 0.5 | 99.2 | 0.6 | 61,041 |
| Occupation | | | | | |
| Unemployed | 98.6 | 1.4 | 98.8 | 1.0 | 195,692 |
| Student | 98.4 | 1.6 | 99.0 | 1.0 | 111,203 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 99.5 | 0.5 | 99.1 | 0.8 | 19,760 |
| Private employee | 99.4 | 0.6 | 99.3 | 0.6 | 72,864 |
| Self-employed | 98.8 | 1.2 | 99.0 | 0.8 | 96,523 |
| Farmer/farm worker | 97.2 | 2.8 | 97.7 | 2.1 | 94,858 |
| Fisher | 98.5 | 1.5 | 98.5 | 1.4 | 4,866 |
| Labor/driver/domestic help | 98.4 | 1.6 | 98.8 | 1.1 | 50,832 |
| Others | 98.6 | 1.4 | 98.8 | 1.1 | 37,223 |
| Residence | | | | | |
| Urban | 98.9 | 1.1 | 99.0 | 0.8 | 459,146 |
| Rural | 97.8 | 2.2 | 98.1 | 1.7 | 315,519 |
| Economic Status | | | | | |
| Lowest | 96.6 | 3.4 | 96.7 | 2.9 | 102,290 |
| Lower middle | 97.9 | 2.1 | 98.6 | 1.3 | 139,935 |
| Middle | 98.4 | 1.6 | 98.8 | 1.1 | 165,763 |
| Upper middle | 98.9 | 1.1 | 99.1 | 0.8 | 183,655 |
| Highest | 99.4 | 0.6 | 99.2 | 0.7 | 182,977 |

9.6 ORAL HEALTH EXAMINATION RESULTS

For selected respondents in the Biomedical and Oral Dental Census Block, after interviews and measurements were carried out, blood samples were also taken and dental and oral examinations were carried out. Dental and Oral Examinations are carried out by Dental and Oral Therapists who are members of PTGMI (Indonesian Association of Dental and Oral Therapists). If interviews and measurements can describe district/city figures, then the results of biomedical and oral dental examinations can only describe national figures.

Dentition status

Examination of the dentition status to determine the occurrence of dental and oral diseases including the prevalence of dental caries. Examination of the dentition status was carried out on all teeth. Average dmft index of primary teeth in residents aged 3-4 years and 5 years according to characteristics.

Primary/milk teeth dmft index: describes the severity of damage to primary teeth. The average number d + m+ f divided by the number of people examined.

$$\text{DMFT Index/dmft} = \frac{\text{Total of DT/dt score} + \text{Mt/mt} + \text{Ft/ft}}{\text{Total of household members checked}}$$

Table 9. 17 Average dmft Index of Primary Teeth at Ages 3-4 and 5, by Characteristics, 2023 SKI

| Characteristic | dmft index age 3-4 th | | Weighted N | dmft index age 5 th | | Weighted N |
|------------------------|-------------------------------------|----------------|------------|------------------------|----------------|------------|
| | \bar{x} | 95% CI | | \bar{x} | 95% CI | |
| Sex | | | | | | |
| Male | 4.9 | 4.4-5.3 | 417 | 6.3 | 5.7-7.0 | 242 |
| Female | 4.9 | 4.4-5.3 | 399 | 7.1 | 6.3-7.8 | 175 |
| Residence | | | | | | |
| Urban | 4.7 | 4.2-5.3 | 467 | 6.2 | 5.5-6.8 | 267 |
| Rural | 5.0 | 4.5-5.5 | 349 | 7.5 | 6.7-8.2 | 150 |
| Economic Status | | | | | | |
| Lowest | 5.0 | 4.1-6.0 | 116 | 7.1 | 5.5-8.8 | 46 |
| Lower middle | 4.8 | 4.2-5.4 | 151 | 7.2 | 5.8-8.6 | 83 |
| Middle | 5.0 | 4.4-5.6 | 160 | 6.7 | 5.9-7.5 | 88 |
| Upper middle | 4.9 | 4.2-5.6 | 220 | 6.5 | 5.4-7.5 | 110 |
| Highest | 4.6 | 3.6-5.6 | 168 | 6.1 | 5.1-7.1 | 90 |
| INDONESIA | 4.9 | 4.5-5.2 | 816 | 6.7 | 6.1-7.2 | 417 |

Average DMF-T Index of Permanent Teeth, by Characteristic, 2023 SKI

DMF-T Index : Describes the severity of permanent tooth damage. The average number of D + M + F divided by the total people examined.

Permanent tooth DMFT index: Describes the severity of damage to permanent teeth. The average number of D + M + F divided by total people examined

$$\text{DMFT Index/dmft} = \frac{\text{Total of DT/dt score} + \text{Mt/mt} + \text{Ft/ft}}{\text{Total of household members checked}}$$

Table 9. 18 Average DMF-T Index of Permanent Teeth at age ≥ 6 by Characteristic, 2023 SKI

| Characteristic | DMF-T Index | | Weighted N |
|--|-------------|----------------|---------------|
| | \bar{x} | CI 95% | |
| Age Range (Year) | | | |
| 6 – 9 | 0.9 | 0.8-1.0 | 2,775 |
| 10 – 14 | 1.5 | 1.4-1.7 | 2,783 |
| 15 – 24 | 2.7 | 2.5-2.8 | 5,611 |
| 25 – 34 | 4.1 | 3.9-4.2 | 5,627 |
| 35 – 44 | 5.7 | 5.5-5.8 | 5,281 |
| 45 – 54 | 7.7 | 7.5-7.9 | 4,547 |
| 55 – 64 | 10.3 | 10-10.7 | 3,280 |
| 65+ | 13.0 | 12.4-13.5 | 2,476 |
| Age Range (Year) (WHO) | | | |
| 12 | 1.3 | 1.1-1.5 | 548 |
| 15 | 2.0 | 1.7-2.3 | 566 |
| 35-44 | 5.7 | 5.5-5.8 | 5281 |
| 65 + | 13.0 | 12.4-13.5 | 2476 |
| Sex | | | |
| Male | 5.4 | 5.2-5.6 | 16,340 |
| Female | 5.4 | 5.3-5.6 | 16,040 |
| Education | | | |
| Never attended school | 4.5 | 4.1-4.9 | 2,832 |
| Some primary school/Islamic primary school | 4.2 | 3.9-4.5 | 4,718 |
| Primary school/Islamic primary school graduate | 7.1 | 6.8-7.3 | 8,442 |
| Junior secondary school/Islamic junior secondary school graduate | 5.2 | 5.0-5.4 | 6,025 |
| Senior secondary school/Islamic senior secondary school graduate | 5.0 | 4.9-5.2 | 8,354 |
| D1/D2/D3/university graduate | 4.9 | 4.7-5.2 | 2,008 |
| Occupation | | | |
| Unemployed | 6.1 | 5.9-6.3 | 9,096 |
| Student | 2.0 | 1.9-2.2 | 4,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 6.1 | 5.6-6.7 | 619 |
| Private employee | 4.6 | 4.3-4.9 | 2,524 |
| Self-employed | 6.1 | 5.9-6.4 | 4,304 |
| Farmer | 8.2 | 7.9-8.6 | 5,101 |
| Fisher | 8.6 | 7.1-10.1 | 171 |
| Labor/driver/domestic help | 7.4 | 6.9-7.9 | 2,231 |
| Others | 6.4 | 6.0-6.8 | 1618 |
| Residence | | | |
| Urban | 5.4 | 5.2-5.5 | 18,923 |
| Rural | 5.5 | 5.3-5.7 | 13,457 |
| Economic Status | | | |
| Lowest | 6.2 | 5.9-6.5 | 4,936 |
| Lower middle | 5.6 | 5.4-5.9 | 6,705 |
| Middle | 5.5 | 5.2-5.7 | 7,327 |
| Upper middle | 5.0 | 4.8-5.3 | 7,456 |
| Highest | 5.0 | 4.7-5.2 | 5,956 |
| INDONESIA | 5.4 | 5.3-5.6 | 32,380 |

Average Components DT/dt, MT/mt, FT/ft, DMF-T/dmf-t Index, and Secondary Caries by Characteristic, 2023 SKI

Average DT/dt, MT/mt, FT/ft components and secondary caries

| | |
|------------------|---|
| Decay/D/d | Permanent teeth/primary teeth that have caries and have not been treated or filled with temporary fillings. Average DT/dt is the average total teeth with caries and secondary caries from the population which is calculated by dividing total D/d scores per person by total household members examined. |
|------------------|---|

$$\text{Average DT/dt} = \frac{\text{Total of DT/dt score}}{\text{Total of household members checked}}$$

| | |
|--------------------|--|
| Missing/M/m | Permanent teeth/primary teeth removed due to caries or still remaining roots divided by the number of people examined; Average MT/mt is the average number of teeth lost due to caries from a population which is calculated by dividing total M/m scores per person by total household members examined. |
|--------------------|--|

$$\text{Average MT/mt} = \frac{\text{Total of MT/mt score}}{\text{Total of household members checked}}$$

| | |
|----------------|---|
| Filling | : Permanent teeth/primary teeth that have been filled permanently FT/ft: Total permanent teeth/primary teeth that have been filled due to caries divided by total household members examined |
|----------------|---|

$$\text{Average FT/ft} = \frac{\text{Total of FT/ft score}}{\text{Total of household members checked}}$$

| | |
|-------------------------|--|
| Secondary caries | is the presence of new damage or holes in teeth that have been filled. Secondary caries is divided by total household members examined. The prevalence of secondary caries is the division of the total teeth that have secondary caries (tooth code 2 for permanent teeth) by total household members examined. |
|-------------------------|--|

$$\text{Secondary caries prevalence} = \frac{\text{Number of teeth with secondary caries per person}}{\text{Total of household members checked}}$$

Table 9. 19 Average DT/dt, MT/mt, FT/ft Components, DMF-T/dmf-t Index, and Secondary Caries by Characteristic, 2023 SKI

| Characteristic | DT/dt | | MT/mt | | FT/ft | | Secondary caries | | Weighted N |
|--|------------|----------------|------------|----------------|-------------|------------------|------------------|----------------|---------------|
| | \bar{x} | CI 95% | \bar{x} | CI 95% | \bar{x} | CI 95% | \bar{x} | CI 95% | |
| Age Range (Year) | | | | | | | | | |
| 10 - 14 | 1.8 | 1.7-2.0 | 0.1 | 0.1-0.1 | 0.01 | 0.01-0.02 | 0.02 | 0.01-0.03 | 2,837 |
| 15 - 24 | 2.4 | 2.2-2.5 | 0.2 | 0.2-0.2 | 0.04 | 0.02-0.05 | 0.04 | 0.03-0.06 | 5,719 |
| 25 - 34 | 3.3 | 3.1-3.4 | 0.7 | 0.6-0.7 | 0.05 | 0.04-0.06 | 0.05 | 0.03-0.06 | 5,735 |
| 35 - 44 | 4.0 | 3.9-4.2 | 1.5 | 1.4-1.6 | 0.06 | 0.04-0.07 | 0.07 | 0.05-0.08 | 5,383 |
| 45 - 54 | 4.7 | 4.6-4.9 | 2.8 | 2.7-3.0 | 0.06 | 0.05-0.07 | 0.08 | 0.05-0.11 | 4,634 |
| 55 - 64 | 5.3 | 5.1-5.5 | 4.9 | 4.6-5.2 | 0.04 | 0.03-0.06 | 0.07 | 0.04-0.09 | 3,343 |
| 65+ | 5.6 | 5.3-5.9 | 7.3 | 6.8-7.8 | 0.02 | 0.01-0.03 | 0.05 | 0.03-0.07 | 2,523 |
| Age Range (Year) (WHO) | | | | | | | | | |
| 12 | 1.4 | 1.2-1.6 | 0.1 | 0.0-0.1 | 0.02 | -0.01-0.04 | 0.03 | -0.01-0.07 | 559 |
| 15 | 1.9 | 1.6-2.2 | 0.1 | 0.0-0.1 | 0.01 | 0.00-0.02 | 0.02 | 0-0.04 | 577 |
| 35-44 | 4.0 | 3.9-4.2 | 1.5 | 1.4-1.6 | 0.06 | 0.04-0.07 | 0.07 | 0.05-0.08 | 5383 |
| 65 + | 5.6 | 5.3-5.9 | 7.3 | 6.8-7.8 | 0.02 | 0.01-0.03 | 0.05 | 0.03-0.07 | 2523 |
| Sex | | | | | | | | | |
| Male | 3.8 | 3.7-4.0 | 2.0 | 1.9-2.1 | 0.03 | 0.03-0.04 | 0.05 | 0.04-0.06 | 15,209 |
| Female | 3.7 | 3.6-3.8 | 2.1 | 2.0-2.2 | 0.05 | 0.05-0.06 | 0.06 | 0.05-0.08 | 14,965 |
| Education | | | | | | | | | |
| Never attended school | 4.2 | 3.9-4.6 | 3.8 | 3.3-4.4 | 0.01 | 0.00-0.02 | 0.03 | 0.01-0.05 | 1,525 |
| Some primary school/Islamic primary school | 3.5 | 3.3-3.7 | 2.2 | 2.0-2.5 | 0.01 | 0.01-0.02 | 0.04 | 0.02-0.06 | 3,342 |
| Primary school/Islamic primary school graduate | 4.3 | 4.2-4.5 | 2.7 | 2.5-2.9 | 0.02 | 0.01-0.02 | 0.04 | 0.03-0.05 | 8,605 |
| Junior secondary school/Islamic junior secondary school graduate | 3.6 | 3.4-3.7 | 1.5 | 1.4-1.6 | 0.03 | 0.02-0.03 | 0.06 | 0.04-0.07 | 6,141 |
| Senior secondary school/Islamic senior secondary school graduate | 3.5 | 3.3-3.6 | 1.4 | 1.3-1.5 | 0.07 | 0.05-0.08 | 0.07 | 0.05-0.09 | 8,515 |
| D1/D2/D3/university graduate | 3.0 | 2.8-3.3 | 1.6 | 1.5-1.8 | 0.19 | 0.15-0.23 | 0.09 | 0.07-0.1 | 2,047 |
| Occupation | | | | | | | | | |
| Unemployed | 3.7 | 3.6-3.9 | 2.3 | 2.1-2.4 | 0.05 | 0.04-0.06 | 0.06 | 0.04-0.08 | 9,096 |
| Student | 2.0 | 1.9-2.1 | 0.1 | 0.1-0.2 | 0.03 | 0.01-0.04 | 0.04 | 0.03-0.05 | 4,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 3.3 | 3.0-3.6 | 2.5 | 2.2-2.9 | 0.19 | 0.12-0.26 | 0.11 | 0.06-0.15 | 619 |
| Private employee | 3.3 | 3.1-3.6 | 1.1 | 1.0-1.2 | 0.08 | 0.06-0.10 | 0.06 | 0.04-0.07 | 2,524 |
| Self-employed | 4.0 | 3.8-4.2 | 2.0 | 1.9-2.2 | 0.04 | 0.03-0.06 | 0.06 | 0.04-0.08 | 4,304 |
| Farmer | 4.8 | 4.6-5.0 | 3.4 | 3.1-3.7 | 0.01 | 0.00-0.03 | 0.05 | 0.03-0.07 | 5,101 |
| Fisher | 5.3 | 4.3-6.4 | 3.2 | 2.1-4.3 | 0.00 | 0.00-0.00 | 0.05 | -0.03-0.12 | 171 |
| Labor/driver/domestic help | 4.9 | 4.6-5.2 | 2.4 | 2.1-2.7 | 0.02 | 0.01-0.02 | 0.05 | 0.03-0.08 | 2,231 |
| Others | 3.9 | 3.7-4.2 | 2.3 | 2.1-2.6 | 0.06 | 0.04-0.08 | 0.06 | 0.03-0.09 | 1618 |
| Residence | | | | | | | | | |
| Urban | 3.7 | 3.6-3.8 | 2.0 | 1.9-2.1 | 0.06 | 0.05-0.07 | 0.05 | 0.04-0.07 | 17,650 |
| Rural | 3.8 | 3.7-3.9 | 2.1 | 1.9-2.2 | 0.02 | 0.01-0.03 | 0.06 | 0.03-0.08 | 12,524 |
| Economic Status | | | | | | | | | |
| Lowest | 4.0 | 3.8-4.2 | 2.6 | 2.4-2.9 | 0.02 | 0.01-0.03 | 0.04 | 0.02-0.05 | 4,666 |
| Lower middle | 4.0 | 3.9-4.2 | 2.0 | 1.9-2.2 | 0.02 | 0.01-0.02 | 0.04 | 0.03-0.05 | 6,204 |
| Middle | 3.9 | 3.7-4.0 | 2.0 | 1.8-2.2 | 0.02 | 0.02-0.03 | 0.04 | 0.03-0.06 | 6,856 |
| Upper middle | 3.6 | 3.4-3.7 | 1.8 | 1.7-1.9 | 0.04 | 0.03-0.04 | 0.05 | 0.03-0.07 | 6,947 |
| Highest | 3.3 | 3.1-3.5 | 1.9 | 1.7-2.0 | 0.14 | 0.11-0.16 | 0.11 | 0.08-0.13 | 5,501 |
| INDONESIA | 3.8 | 3.7-3.9 | 2.0 | 1.9-2.1 | 0.04 | 0.05-0.07 | 0.1 | 0.0-0.1 | 30,174 |

Prevalence of caries in household members aged > 3 years by Characteristics, 2023 SKI.

Prevalence of caries is the total people with (D/M/F)T divided by the total household members examined

$$\text{Prevalence of caries} = \frac{\text{Total of people having (D/M/F)T}}{\text{Total of household members checked}}$$

Table 9. 20 Prevalence of Caries at age ≥ 3 by Characteristics, 2023 SKI

| Characteristic | Caries | | Weighted N |
|--|-------------|------------------|---------------|
| | % | 95% CI | |
| Age Range (Year) | | | |
| 3 – 4 | 78.3 | 74.5-81.6 | 2,679 |
| 5 – 9 | 84.8 | 82.6-86.7 | 2,616 |
| 10 – 14 | 63.8 | 61.0-66.5 | 2,623 |
| 15 – 24 | 71.7 | 69.5-73.8 | 5,288 |
| 25 – 34 | 82.2 | 80.6-83.7 | 5,303 |
| 35 – 44 | 89.3 | 88.3-90.3 | 4,977 |
| 45 – 54 | 92.1 | 91.2-92.9 | 4,285 |
| 55 – 64 | 92.8 | 91.9-93.7 | 3,091 |
| 65+ | 88.9 | 87.4-90.2 | 2,333 |
| Age Range (Year) (WHO) | | | |
| 5 | 84.9 | 80.3-88.7 | 491 |
| 12 | 58.3 | 52.0-64.3 | 517 |
| 15 | 68.5 | 61.5-74.9 | 534 |
| 35-44 | 89.3 | 88.3-90.3 | 4977 |
| 65 + | 88.9 | 87.4-90.2 | 2333 |
| Sex | | | |
| Male | 81.9 | 80.8-82.9 | 16,768 |
| Female | 83.6 | 82.8-84.5 | 16,428 |
| Education | | | |
| Never attended school | 83.5 | 81.4-85.4 | 2,832 |
| Some primary school/Islamic primary school | 80.8 | 79.2-82.4 | 4,718 |
| Primary school/Islamic primary school graduate | 84.3 | 83.1-85.4 | 8,442 |
| Junior secondary school/Islamic junior secondary school graduate | 83.0 | 81.4-84.4 | 6,025 |
| Senior secondary school/Islamic senior secondary school graduate | 83.4 | 81.9-84.7 | 8,354 |
| D1/D2/D3/university graduate | 83.1 | 80.7-85.2 | 2,008 |
| Occupation | | | |
| Unemployed | 84.6 | 83.4-85.6 | 9,096 |
| Student | 66.2 | 64.0-68.4 | 4,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 88.7 | 84.4-91.9 | 619 |
| Private employee | 81.9 | 78.8-84.7 | 2,524 |
| Self-employed | 86.7 | 85.0-88.3 | 4,304 |
| Farmer/farm worker | 88.1 | 86.9-89.3 | 5,101 |
| Fisher | 91.7 | 85.8-95.2 | 171 |
| Labor/driver/domestic help | 88.3 | 86.1-90.2 | 2,231 |
| Others | 86.2 | 83.9-88.3 | 1,618 |
| Residence | | | |
| Urban | 82.7 | 81.6-83.6 | 19,367 |
| Rural | 82.9 | 81.8-84.0 | 13,829 |
| Economic Status | | | |
| Lowest | 82.4 | 80.6-84.0 | 5,034 |
| Lower middle | 83.4 | 82.0-84.8 | 6,816 |
| Middle | 83.3 | 81.9-84.7 | 7,430 |
| Upper middle | 82.1 | 80.4-83.7 | 7,749 |
| Highest | 82.5 | 80.7-84.2 | 6,166 |
| INDONESIA | 82.8 | 82.1-83.6 | 33,196 |

Proportion of Caries Free, Dental Fit and Fissure Sealant by Characteristic, 2023 SKI

Caries free is a condition where DMF-T/dmf-t = 0, no caries, no extraction, no filling. The caries-free proportion is the total caries-free people divided by the total household members examined.

$$\text{Proportion of Caries Free} = \frac{\text{Total people having DMF-T/def-t} = 0}{\text{Total of household members checked}}$$

Dental fit (cavity free) is a condition where there are no cavities (D=0), including if a fixed prosthesis is used.

The proportion of dental fit (cavity free) is the total people who have dental fit divided by the total household members examined.

$$\text{Proportion of Dental Fit} = \frac{\text{Total people having D} = 0}{\text{Total of household members checked}}$$

Fissure Sealant Proportion (please explain what fissure sealant is) is the total people with fissure sealant divided by the total household members examined.

$$\text{Proportion of Fissure sealant} = \frac{\text{Total people having Fissure Sealant (F} \geq 1\text{)}}{\text{Total of household members checked}}$$

Table 9. 21 Proportion of Caries Free, Dental Fit and Fissure Sealant at age ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Caries Free % | Dental Fit (Cavity free) % | Fissure Sealant % | Weighted N |
|--|---------------------|----------------------------------|-------------------------|---------------|
| Age Range (Year) | | | | |
| 3 – 4 | 21.7 | 22.0 | 0.3 | 2,679 |
| 5 – 9 | 15.2 | 16.2 | 0.0 | 2,616 |
| 10 – 14 | 35.5 | 37.5 | 0.6 | 2,623 |
| 15 – 24 | 28.3 | 30.5 | 1.8 | 5,288 |
| 25 – 34 | 17.7 | 22.2 | 1.6 | 5,303 |
| 35 – 44 | 10.7 | 16.1 | 1.1 | 4,977 |
| 45 – 54 | 7.9 | 14.6 | 0.6 | 4,285 |
| 55 – 64 | 7.2 | 15.8 | 0.5 | 3,091 |
| 65+ | 11.1 | 21.3 | 0.4 | 2,333 |
| Age Range (Year) (WHO) | | | | |
| 5 | 15.1 | 15.5 | 0.0 | 491 |
| 12 | 41.7 | 44.2 | 0.1 | 517 |
| 15 | 31.5 | 32.9 | 3.3 | 534 |
| 35-44 | 10.7 | 16.1 | 1.1 | 4977 |
| 65 + | 11.1 | 21.3 | 0.4 | 2333 |
| Sex | | | | |
| Male | 18.0 | 22.4 | 0.9 | 16,768 |
| Female | 16.3 | 20.9 | 1.0 | 16,428 |
| Education | | | | |
| Never attended school | 16.5 | 20.2 | 0.1 | 2,832 |
| Some primary school/Islamic primary school | 19.0 | 22.7 | 0.3 | 4,718 |
| Primary school/Islamic primary school graduate | 15.6 | 21.3 | 1.1 | 8,442 |
| Junior secondary school/Islamic junior secondary school graduate | 17.0 | 21.2 | 1.2 | 6,025 |
| Senior secondary school/Islamic senior secondary school graduate | 16.6 | 21.1 | 1.4 | 8,354 |
| D1/D2/D3/university graduate | 16.9 | 26.0 | 1.2 | 2,008 |
| Occupation | | | | |
| Unemployed | 15.4 | 20.8 | 1.1 | 9,096 |
| Student | 33.3 | 35.2 | 1.0 | 4,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 11.3 | 21.6 | 1.8 | 619 |
| Private employee | 18.1 | 22.0 | 1.4 | 2,524 |
| Self-employed | 13.2 | 19.2 | 0.9 | 4,304 |
| Farmer | 11.9 | 18.7 | 0.9 | 5,101 |
| Fisher | 8.3 | 16.9 | 2.2 | 171 |
| Labor/driver/domestic help | 11.7 | 16.9 | 1.1 | 2,231 |
| Others | 13.8 | 20.2 | 1.7 | 1618 |
| Residence | | | | |
| Urban | 17.2 | 21.7 | 0.9 | 19,367 |
| Rural | 17.1 | 21.6 | 0.9 | 13,829 |
| Economic Status | | | | |
| Lowest | 17.6 | 22.5 | 1.0 | 5,034 |
| Lower middle | 16.5 | 21.0 | 0.8 | 6,816 |
| Middle | 16.6 | 20.6 | 0.7 | 7,430 |
| Upper middle | 17.8 | 22.2 | 1.3 | 7,749 |
| Highest | 17.4 | 22.3 | 0.9 | 6,166 |
| INDONESIA | 17.2 | 21.7 | 0.9 | 33,196 |

Proportion of Dentulous, Edentulous, and Dentures Usage in Population Aged ≥ 15 Years old by Characteristics, 2023 SKI

- a. Dentulous is the condition of the loss of less than 28 natural teeth in an individual, ($M-T < 28$). Tooth loss can be caused by tooth decay, periodontitis, or accidents)
Dentulous prevalence is the total dentulous people divided by the total household members examined.

$$\text{Dentulous Prevalence} = \frac{\text{Total people losing less 28 natural teeth}}{\text{Total household members checked}}$$

- b. Edentulous is the condition where more than 28 natural teeth are lost in an individual, ($MT > 28$). Tooth loss can be caused by tooth decay, periodontitis, or accidents.

- *Edentulous prevalence is the total edentulous people divided by the total household members examined.*

$$\text{Edentulous Prevalence} = \frac{\text{Total people losing more than 28 natural teeth}}{\text{Total household members checked}}$$

- *Partial dentures usage*

$$\text{Proportion of partial dentures usage} = \frac{\text{Total people using partial dentures}}{\text{Total household members checked}}$$

- *Complete dentures usage*

$$\text{Proportion of complete dentures usage} = \frac{\text{Total people using complete dentures}}{\text{Total household members checked}}$$

Table 9. 22 Proportion of Dentulous, Edentulous, and Dentures Usage in Population Aged ≥ 15 by Characteristics, 2023 SKI

| Characteristic | Dentulous | Edentulous | Weighted N | Dentures Usage | | Weighted N |
|--|-------------|------------|---------------|------------------|-------------------|---------------|
| | % | % | | Partial dentures | Complete dentures | |
| Age Range (Year) | | | | | | |
| 15 - 24 | 13.9 | NA | 5,910 | 1.5 | NA | 5,908 |
| 25 - 34 | 31.9 | 0.1 | 5,927 | 3.4 | 0.2 | 5,927 |
| 35 - 44 | 53.4 | 0.1 | 5,563 | 5.3 | 0.3 | 5,563 |
| 45 - 54 | 65.4 | 0.6 | 4,789 | 8.1 | 1.4 | 4,786 |
| 55 - 64 | 69.1 | 3.4 | 3,454 | 9.2 | 4.2 | 3,452 |
| 65+ | 68.2 | 8.7 | 2,607 | 7.0 | 7.8 | 2,605 |
| Age Range (Year) (WHO) | | | | | | |
| 15 | 5.3 | 0.0 | 596 | 1.0 | 0.0 | 596 |
| 35-44 | 53.4 | 0.1 | 5,563 | 5.3 | 0.3 | 5,563 |
| 65 + | 68.2 | 8.7 | 2,607 | 7.0 | 7.8 | 2,605 |
| Sex | | | | | | |
| Male | 44.0 | 1.4 | 14,214 | 4.1 | 1.1 | 14,210 |
| Female | 47.9 | 1.3 | 14,036 | 6.3 | 2.0 | 14,031 |
| Education | | | | | | |
| Never attended school | 57.5 | 6.4 | 1,205 | 4.7 | 4.4 | 1,201 |
| Some primary school/Islamic primary school | 55.4 | 3.1 | 1,978 | 5.6 | 2.9 | 1,976 |
| Primary school/Islamic primary school graduate | 52.6 | 2.2 | 7,857 | 5.7 | 2.5 | 7,856 |
| Junior secondary school/Islamic junior secondary school graduate | 39.3 | 0.4 | 6,297 | 4.3 | 0.9 | 6,296 |
| Senior secondary school/Islamic senior secondary school graduate | 40.3 | 0.4 | 8,798 | 4.8 | 0.6 | 8,796 |
| D1/D2/D3/university graduate | 49.1 | 0.5 | 2,115 | 7.5 | 1.4 | 2,115 |
| Occupation | | | | | | |
| Unemployed | 46.7 | 1.6 | 8,725 | 5.6 | 2.2 | 8,724 |
| Student | 10.9 | 0.1 | 2,418 | 1.6 | 0.1 | 2,418 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 59.6 | 0.9 | 640 | 8.5 | 1.3 | 640 |
| Private employee | 38.9 | 0.1 | 2,605 | 4.7 | 0.3 | 2,604 |
| Self-employed | 50.4 | 0.9 | 4,447 | 5.5 | 1.0 | 4,442 |
| Farmer/farm worker/ Fisher | 55.2 | 2.7 | 5,267 | 5.7 | 2.5 | 5,263 |
| Labor/driver/domestic help | 51.6 | 1.2 | 177 | 4.1 | 2.0 | 177 |
| Others | 49.6 | 1.2 | 2,305 | 4.8 | 0.5 | 2,305 |
| Residence | | | | | | |
| Urban | 46.1 | 1.1 | 16,547 | 5.2 | 1.4 | 16,542 |
| Rural | 45.8 | 1.7 | 11,703 | 5.3 | 1.9 | 11,699 |
| Economic Status | | | | | | |
| Lowest | 45.7 | 3.0 | 4,369 | 4.0 | 1.7 | 4,367 |
| Lower middle | 46.0 | 1.5 | 5,811 | 4.5 | 1.7 | 5,809 |
| Middle | 45.7 | 1.0 | 6,406 | 5.1 | 1.2 | 6,403 |
| Upper middle | 44.2 | 0.9 | 6,483 | 4.9 | 1.6 | 6,482 |
| Highest | 48.5 | 0.8 | 5,181 | 7.6 | 1.8 | 5,181 |
| INDONESIA | 45.9 | 1.3 | 28,250 | 5.2 | 1.6 | 28,241 |

CHAPTER 10

PHARMACY AND TRADITIONAL HEALTH SERVICES

The aim of the chapter on pharmacy and traditional health services is to obtain information regarding the rational use of medicines and the utilization of traditional health measures including obtaining medicines without a doctor's prescription, drug information, oral use of antibiotics, knowledge about antibiotics, types of traditional health services utilized, and utilization of Family Medicine Parks (TOGA).

Respondents from the rational medicine use sub-chapter are household members aged more than 15 years old and are not represented/accompanied, obtained from Block IV column 12 code 1. Meanwhile, respondents from the traditional health sub-chapter are household members of all ages.

10.1 RATIONAL USE OF MEDICINES

According to WHO, medicine usage is said to be rational if the patient receives the medicine according to clinical needs, at the appropriate dose for the right time period at the most affordable cost for the patient and society¹.

Definition of Medicines (Law No. 17 of 2023 concerning health): Medicines are substances, mixtures of substances, including biological products, which are used to influence or investigate physiological systems or pathological conditions, in the context of establishing a diagnosis, prevention, cure, recovery, improvement of health and contraception for humans².

1. Proportion of Purchasing/Obtaining Medicines Without a Doctor's Prescription or Without Visiting a Hospital/Public Health Center/Clinic/Independent Practice of Health Workers

What is meant by purchasing/obtaining medicine without a prescription here is getting medicine which is intended as self-medication to overcome problems or treat illnesses without visiting a doctor/health worker/health facility within the last one year.

The proportion of household members who received medication without a doctor's prescription was obtained from the total household members aged ≥15 years old who received medication without a doctor's prescription compared to the total household members aged ≥15 years old within the last one year.

Data was obtained from question F01 regarding the history of purchasing medication without a doctor's prescription.

Proportion of household members who obtained medication without a doctor's prescription =

$$\frac{\text{Total household members aged } \geq 15 \text{ years old who obtained medication without a doctor's prescription}}{\text{Total household members aged } \geq 15 \text{ years old}} \times 100\%$$

2. Proportion of Purchasing/Obtaining Medicines Sources Without a Doctor's Prescription

Sources of medicine acquisition may come from:

a. Licensed pharmacy/drug store

A pharmacy is a pharmaceutical service facility where pharmaceutical practice is carried out by pharmacists.

A licensed drug store is a facility that has a permit to store limited over-the-counter medicines and over-the-counter medicines for retail sale.

b. Shop/supermarkets

Shop is a small family-owned business in the form of a shop, kiosk and small shop.

Supermarkets are shops with an independent service system, selling various types of goods at retail in the form of minimarkets, supermarkets, department stores, hypermarkets or wholesale shop in the form of wholesalers.

c. Gifts from others

Gifted by another person is medicine obtained as the gift from another person

d. Purchasing medicine online

Medicine purchases are made online through electronic systems owned by pharmacies and/or through applications, websites, and marketplaces.

e. Others

Obtaining medicines that does not come from the previously mentioned sources of acquisition, for example buying from other people

Sources of medicine obtained by household members aged ≥15 years old without a doctor's prescription compared to all sources of medicine obtained by household members aged ≥15 years old without a doctor's prescription.

The sample was respondents who bought/obtained medicine without a doctor's prescription and were then asked question F02 about the source of obtaining the medicine without a doctor's prescription.

Proportion of obtaining medicines sources without a doctor's prescription =

$$\frac{\text{Total household members aged } \geq 15 \text{ years old who obtained medicine without a doctor's prescription according to source of obtaining the medicine}}{\text{Total household members aged } \geq 15 \text{ years old who obtained medicine without a doctor's prescription}} \times 100\%$$

Table 10. 1 Proportion of Obtaining/Purchasing Medicines without a Doctor's Prescription and Sources of Purchasing/Obtaining Medicines without a Doctor's Prescription by Province, 2023 SKI

| Province | Obtaining Medicines Without a Doctor's Prescription | | | Sources of Obtaining Medicines *** | | | | | |
|------------------------|---|------------------|----------------|------------------------------------|-----------------------|-----------------------|--------------------------------|------------|----------------|
| | % | CI 95% | Weighted N | Licensed pharmacy/drug store (%) | Shop/supermarkets (%) | Gifts from others (%) | Purchasing medicine online (%) | Others (%) | Weighted N |
| Aceh | 27.3 | 25.8-28.8 | 11,581 | 84.7 | 42.7 | 9.0 | 2.1 | 1.4 | 2,894 |
| North Sumatra | 32.8 | 31.2-34.5 | 32,896 | 74.1 | 56.6 | 6.2 | 1.8 | 0.6 | 9,900 |
| West Sumatra | 38.6 | 37.1-40.1 | 12,643 | 74.2 | 42.8 | 3.6 | 1.3 | 0.6 | 4,467 |
| Riau | 33.3 | 31.4-35.2 | 14,069 | 76.3 | 49.0 | 4.3 | 1.9 | 1.0 | 4,287 |
| Jambi | 29.3 | 27.3-31.4 | 7,698 | 72.9 | 58.9 | 7.5 | 1.9 | 0.4 | 2,065 |
| South Sumatra | 38.4 | 36.7-40.2 | 18,842 | 56.0 | 63.7 | 3.7 | 1.3 | 0.6 | 6,637 |
| Bengkulu | 36.4 | 34.4-38.5 | 4,586 | 76.3 | 41.9 | 5.0 | 1.6 | 0.7 | 1,531 |
| Lampung | 42.5 | 40.7-44.3 | 20,152 | 72.3 | 53.9 | 4.4 | 1.2 | 1.1 | 7,845 |
| Bangka Belitung Island | 44.0 | 41.7-46.4 | 3,374 | 73.5 | 49.6 | 3.1 | 1.6 | 0.6 | 1,362 |
| Riau Islands | 34.4 | 31.6-37.3 | 4,672 | 72.8 | 42.1 | 2.9 | 1.3 | 0.3 | 1,472 |
| DKI Jakarta | 52.5 | 50.3-54.8 | 24,220 | 62.8 | 61.1 | 3.9 | 2.4 | 0.4 | 11,659 |
| West Java | 56.9 | 55.8-57.9 | 110,887 | 70.1 | 62.3 | 4.1 | 2.0 | 0.4 | 57,779 |
| Central Java | 56.1 | 55.2-57.0 | 84,383 | 78.1 | 46.8 | 3.0 | 1.3 | 0.4 | 43,373 |
| DI Yogyakarta | 57.2 | 55.0-59.4 | 8,611 | 87.0 | 21.9 | 5.2 | 1.5 | 0.3 | 4,513 |
| East Java | 49.5 | 48.5-50.5 | 95,648 | 76.2 | 45.5 | 3.8 | 1.5 | 0.5 | 43,369 |
| Banten | 46.6 | 44.7-48.6 | 26,985 | 63.0 | 65.3 | 4.0 | 2.6 | 0.4 | 11,528 |
| Bali | 29.5 | 27.7-31.5 | 10,159 | 84.3 | 21.0 | 3.9 | 1.9 | 0.6 | 2,749 |
| West Nusa Tenggara | 44.4 | 42.3-46.5 | 11,692 | 67.8 | 47.3 | 6.3 | 1.1 | 0.7 | 4,755 |
| East Nusa Tenggara | 36.8 | 35.4-38.2 | 11,447 | 66.7 | 37.2 | 7.3 | 1.6 | 0.9 | 3,855 |
| West Kalimantan | 40.6 | 38.6-42.7 | 12,214 | 69.5 | 55.1 | 4.8 | 1.6 | 0.7 | 4,544 |
| Central Kalimantan | 42.2 | 39.9-44.6 | 6,011 | 59.8 | 66.0 | 8.2 | 1.9 | 0.6 | 2,326 |
| South Kalimantan | 55.7 | 53.8-57.6 | 9,113 | 60.7 | 66.6 | 4.8 | 1.5 | 0.7 | 4,651 |
| East Kalimantan | 47.4 | 45.2-49.6 | 8,665 | 79.1 | 35.3 | 4.3 | 2.2 | 0.4 | 3,765 |
| North Kalimantan | 32.9 | 30.1-35.9 | 1,616 | 74.3 | 27.2 | 7.7 | 1.9 | 1.4 | 488 |
| North Sulawesi | 45.7 | 43.8-47.7 | 6,047 | 64.3 | 56.2 | 5.5 | 1.8 | 0.6 | 2,532 |
| Central Sulawesi | 53.4 | 51.7-55.1 | 6,657 | 56.2 | 55.7 | 5.0 | 1.4 | 0.7 | 3,257 |
| South Sulawesi | 47.1 | 45.9-48.4 | 20,592 | 72.1 | 39.8 | 5.8 | 1.6 | 0.6 | 8,892 |
| South East Sulawesi | 39.6 | 37.9-41.3 | 5,743 | 70.3 | 39.2 | 6.1 | 1.8 | 0.7 | 2,085 |
| Gorontalo | 57.3 | 54.3-60.2 | 2,704 | 54.0 | 67.6 | 5.0 | 1.3 | 0.4 | 1,419 |
| West Sulawesi | 33.9 | 31.5-36.3 | 3,093 | 67.4 | 41.9 | 4.9 | 2.3 | 1.1 | 959 |
| Maluku | 35.9 | 33.6-38.3 | 4,169 | 49.5 | 54.7 | 9.6 | 1.6 | 1.1 | 1,371 |
| North Maluku | 45.3 | 42.8-47.9 | 2,830 | 51.0 | 61.9 | 7.4 | 1.8 | 1.3 | 1,175 |
| West Papua | 27.7 | 23.9-31.9 | 1,192 | 89.5 | 8.0 | 12.0 | 1.8 | 1.3 | 303 |
| Southwest Papua | 40.6 | 37.2-44.0 | 1,334 | 89.0 | 13.8 | 7.7 | 2.1 | 1.7 | 496 |
| Papua | 38.7 | 36.0-41.5 | 2,026 | 91.9 | 7.8 | 9.5 | 1.6 | 1.0 | 719 |
| South Papua | 24.5 | 20.8-28.6 | 966 | 80.8 | 23.8 | 5.1 | 1.7 | 2.7 | 216 |
| Central Papua | 19.2 | 12.9-27.6 | 3,206 | 89.9 | 6.8 | 39.4 | 0.9 | 1.7 | 564 |
| Highland Papua | 7.3 | 5.7-9.2 | 3,386 | 66.8 | 7.1 | 38.2 | 2.3 | 8.2 | 225 |
| INDONESIA | 47.1 | 46.8-47.5 | 616,110 | 72.0 | 51.7 | 4.5 | 1.7 | 0.5 | 266,027 |

*** : may be more than one answer choice

Table 10. 2 Proportion of Obtaining/Purchasing Medicines without a Doctor's Prescription and Sources of Purchasing/Obtaining Medicines without a Doctor's Prescription by Characteristic, 2023 SKI

| Characteristic | Obtaining Medicines Without a Doctor's Prescription | | | Sources of Obtaining Medicines *** | | | | | |
|--|---|-----------|------------|------------------------------------|-----------------------|-----------------------|--------------------------------|------------|------------|
| | % | CI 95% | Weighted N | Licensed pharmacy/drug store (%) | Shop/supermarkets (%) | Gifts from others (%) | Purchasing medicine online (%) | Others (%) | Weighted N |
| Age Range (Year) | | | | | | | | | |
| 15-24 | 37.8 | 37.1-38.4 | 118,908 | 70.3 | 53.8 | 5.2 | 2.0 | 0.6 | 41,125 |
| 25-34 | 48.9 | 48.3-49.5 | 132,876 | 75.0 | 49.9 | 4.0 | 1.8 | 0.5 | 59,521 |
| 35-44 | 52.1 | 51.6-52.7 | 125,103 | 73.8 | 51.0 | 3.9 | 1.8 | 0.5 | 59,770 |
| 45-54 | 51.5 | 50.9-52.1 | 107,906 | 71.9 | 52.4 | 4.2 | 1.5 | 0.5 | 50,900 |
| 55-64 | 48.5 | 47.9-49.1 | 77,205 | 69.9 | 52.1 | 4.6 | 1.6 | 0.6 | 34,323 |
| 65-74 | 43.3 | 42.4-44.1 | 41,076 | 65.5 | 53.0 | 6.1 | 1.3 | 0.7 | 16,289 |
| 75+ | 34.3 | 32.9-35.8 | 13,036 | 61.5 | 53.2 | 8.0 | 0.8 | 0.4 | 4,098 |
| Sex | | | | | | | | | |
| Male | 44.8 | 44.3-45.2 | 308,934 | 70.0 | 54.1 | 4.5 | 1.7 | 0.6 | 126,674 |
| Female | 49.5 | 49.1-49.9 | 307,176 | 73.8 | 49.6 | 4.5 | 1.7 | 0.5 | 139,353 |
| Education | | | | | | | | | |
| Never attended school | 36.2 | 35.0-37.4 | 25,423 | 53.4 | 64.1 | 6.4 | 1.2 | 1.1 | 8,430 |
| Some primary school/Islamic primary school | 43.2 | 42.3-44.2 | 38,606 | 59.5 | 63.0 | 5.5 | 1.3 | 0.8 | 15,292 |
| Primary school/Islamic primary school graduate | 48.7 | 48.1-49.2 | 154,841 | 62.0 | 64.3 | 4.6 | 1.2 | 0.5 | 69,020 |
| Junior secondary school/Islamic junior secondary school graduate | 45.6 | 45.1-46.2 | 131,126 | 71.0 | 55.3 | 4.4 | 1.6 | 0.6 | 54,819 |
| Senior secondary school/Islamic senior secondary school graduate | 47.8 | 47.3-48.3 | 205,234 | 78.8 | 44.5 | 4.1 | 1.8 | 0.5 | 89,900 |
| D1/D2/D3/university graduate | 51.2 | 50.4-52.0 | 60,881 | 88.9 | 27.6 | 4.3 | 3.3 | 0.5 | 28,567 |
| Occupation | | | | | | | | | |
| Unemployed | 48.5 | 48.0-49.0 | 182,721 | 71.8 | 52.7 | 4.4 | 1.6 | 0.6 | 81,190 |
| Student | 33.7 | 32.8-34.6 | 48,660 | 71.2 | 50.8 | 5.4 | 2.0 | 0.7 | 15,027 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 47.5 | 46.4-48.5 | 19,767 | 90.3 | 24.6 | 4.6 | 2.6 | 0.4 | 8,596 |
| Private employee | 51.1 | 50.2-52.0 | 72,209 | 81.5 | 41.8 | 3.9 | 2.3 | 0.5 | 33,803 |
| Self-employed | 49.7 | 49.1-50.4 | 96,927 | 76.9 | 47.6 | 3.7 | 1.7 | 0.5 | 44,173 |
| Farmer/farm worker | 42.9 | 42.2-43.5 | 101,705 | 57.1 | 65.3 | 5.4 | 1.2 | 0.6 | 39,956 |
| Fisher | 43.4 | 40.9-45.9 | 5,077 | 54.1 | 64.7 | 6.6 | 1.0 | 0.6 | 2,018 |
| Labor/driver/domestic help | 53.1 | 52.2-54.1 | 51,190 | 67.9 | 60.3 | 4.6 | 1.3 | 0.4 | 24,922 |
| Others | 47.1 | 46.2-48.0 | 37,854 | 76.1 | 46.0 | 4.3 | 2.0 | 0.6 | 16,342 |
| Residence | | | | | | | | | |
| Urban | 50.4 | 50.0-50.9 | 361,468 | 77.9 | 45.8 | 4.1 | 1.9 | 0.5 | 167,036 |
| Rural | 42.4 | 41.9-43.0 | 254,642 | 62.0 | 61.8 | 5.1 | 1.4 | 0.7 | 98,991 |
| Economic Status | | | | | | | | | |
| Lowest | 42.0 | 41.3-42.8 | 89,393 | 52.6 | 67.2 | 6.1 | 1.2 | 0.7 | 34,427 |
| Lower middle | 46.6 | 45.9-47.2 | 112,171 | 63.6 | 61.3 | 4.6 | 1.4 | 0.6 | 47,856 |
| Middle | 47.8 | 47.1-48.4 | 130,026 | 70.8 | 55.9 | 4.3 | 1.3 | 0.5 | 56,899 |
| Upper middle | 48.5 | 47.8-49.1 | 142,841 | 76.8 | 49.1 | 3.9 | 1.6 | 0.5 | 63,423 |
| Highest | 48.9 | 48.2-49.5 | 141,632 | 85.1 | 35.1 | 4.2 | 2.6 | 0.5 | 63,410 |

*** : may be more than one answer choice

3. Proportion of Obtaining Medicine Information

The proportion of household members aged ≥ 15 years who obtained medication without a doctor's prescription received or asked for drug information compared to the number of household members aged ≥ 15 years who received medication without a doctor's prescription in the last year.

The sample was respondents who bought/obtained medicine without a doctor's prescription and were then asked question F03 regarding obtaining the drug information obtained.

Proportion of people who obtained or asked for medicine information =

Total Household Members aged ≥ 15 years old who

Obtained or Asked for Medicine Information

$$\frac{\text{Total Household Members aged } \geq 15 \text{ years old who Obtained Medicine}}{\text{without a Doctor's Prescription}} \times 100\%$$

4. Proportion of Types of Medicine Information Obtained

The types of drug information in 2023 SKI are:

a. Name and contents of the medicine

The name of the drug is the name printed on the drug packaging.

Drug content is information about the active substances contained in the drug preparation

b. Indication/efficacy of the medicine

Indication/efficacy of a medicine is information about the efficacy of a drug.

c. Medicine dosage

Medicine dosage is a certain amount or dose of a drug that has a certain effect on a disease.

Example:

2x1 tablet/capsule/measuring spoon

d. Instruction on the Medicine

Instruction on the Medicine is an explanation of the types of medicinal preparations with various variations in methods/routes of use, such as tablets, syrups, powders, drops, ointments, creams, injections, etc.

Example: Chew the medicine first, for example for chewable antacid tablets

e. Side effects

Side effects of medicine are adverse and unexpected medicine effects that occur due to the use of medicines at the recommended dosage.

f. Expiration time

The expiration time of a medicine is the period of time a medicine is safe for consumption as stated on the medicine packaging. The expiration limit for medicine is determined based on stability tests carried out at temperatures and conditions in accordance with ideal medicine storage conditions.

g. Medicine storage

Medicine storage is an activity of storing and maintaining it by placing the medicines received in a place that is considered safe from theft and physical disturbances that could damage the quality of the medicines.

Proportion of types of drug information obtained by household members aged ≥15 years who obtained medicines without a doctor's prescription in the last year.

Samples were obtained from respondents who received medicine information, then asked questions about the type of medicine information obtained.

Proposition of the type of drug information obtained =

$$\frac{\text{Total household members aged } \geq 15 \text{ years who received medicine information according to the type of information}}{\text{Total Household Members aged } \geq 15 \text{ years old who Obtained Medicine without a Doctor's Prescription who received medicine information}} \times 100\%$$

Total Household Members aged ≥ 15 years old who Obtained Medicine without a Doctor's Prescription who received medicine information

Table 10. 3 Proportion of Respondents who Received Medicine Information or Asked for Medicine Information from Pharmacy Staff or Other Health Workers and Types of Medicine Information Obtained by Province, 2023 SKI

| Province | Received Medicine Information or Asked for Medicine Information | | Name and contents of the medicine (%) | Indication of the medicine (%) | Medicine dosage (%) | Instruction on the Medicine (%) | Side effect (%) | Expiration time (%) | Medicine storage (%) | Weighted N | |
|------------------------|---|------------------|---------------------------------------|--------------------------------|---------------------|---------------------------------|-----------------|---------------------|----------------------|-------------|----------------|
| | % | CI 95 % | Weighted N | | | | | | | | |
| Aceh | 50.9 | 48.3-53.4 | 2,894 | 65.8 | 65.4 | 52.1 | 74.5 | 44.7 | 52.1 | 29.1 | 1,474 |
| North Sumatra | 47.2 | 44.7-49.6 | 9,900 | 76.1 | 75.6 | 57.7 | 68.1 | 47.2 | 56.6 | 27.9 | 4,674 |
| West Sumatra | 47.7 | 45.5-49.9 | 4,467 | 76.1 | 71.0 | 54.1 | 62.8 | 45.0 | 46.8 | 20.9 | 2,132 |
| Riau | 51.9 | 48.8-55.0 | 4,287 | 79.4 | 74.0 | 53.2 | 65.7 | 46.1 | 48.8 | 22.0 | 2,228 |
| Jambi | 46.7 | 43.5-49.9 | 2,065 | 75.8 | 81.6 | 59.6 | 77.3 | 53.2 | 60.0 | 33.3 | 965 |
| South Sumatra | 38.7 | 36.2-41.2 | 6,637 | 79.4 | 73.9 | 49.6 | 70.9 | 45.5 | 56.2 | 29.6 | 2,569 |
| Bengkulu | 43.4 | 40.0-46.9 | 1,531 | 78.5 | 67.0 | 57.2 | 70.2 | 47.1 | 57.8 | 25.1 | 665 |
| Lampung | 42.3 | 39.6-45.0 | 7,845 | 78.1 | 74.1 | 45.8 | 59.6 | 37.4 | 48.8 | 17.9 | 3,320 |
| Bangka Belitung Island | 38.1 | 35.2-41.1 | 1,362 | 83.2 | 72.3 | 60.1 | 66.8 | 52.3 | 56.0 | 34.9 | 519 |
| Riau Islands | 44.6 | 40.4-49.0 | 1,472 | 72.4 | 65.0 | 52.4 | 64.9 | 48.8 | 54.7 | 26.4 | 658 |
| DKI Jakarta | 39.6 | 37.0-42.3 | 11,659 | 67.8 | 64.4 | 52.7 | 60.6 | 41.1 | 51.0 | 21.9 | 4,624 |
| West Java | 46.2 | 44.9-47.4 | 57,779 | 78.1 | 71.3 | 55.5 | 62.1 | 43.6 | 47.2 | 25.2 | 26,703 |
| Central Java | 53.7 | 52.5-54.9 | 43,373 | 62.3 | 58.0 | 51.7 | 69.8 | 32.0 | 36.7 | 16.6 | 23,314 |
| DI Yogyakarta | 51.9 | 49.5-54.3 | 4,513 | 72.9 | 65.7 | 56.3 | 65.2 | 38.7 | 36.1 | 19.8 | 2,347 |
| East Java | 39.5 | 38.3-40.8 | 43,369 | 71.6 | 65.4 | 50.9 | 61.2 | 35.6 | 40.4 | 17.0 | 17,167 |
| Banten | 40.6 | 38.0-43.3 | 11,528 | 80.5 | 76.3 | 61.4 | 67.7 | 47.7 | 50.0 | 25.5 | 4,691 |
| Bali | 54.3 | 51.5-57.1 | 2,749 | 73.6 | 68.4 | 62.6 | 67.7 | 56.5 | 58.3 | 32.0 | 1,495 |
| West Nusa Tenggara | 45.5 | 42.9-48.1 | 4,755 | 78.0 | 72.1 | 55.7 | 67.4 | 48.3 | 55.9 | 28.1 | 2,166 |
| East Nusa Tenggara | 47.4 | 45.5-49.3 | 3,855 | 74.2 | 69.0 | 61.2 | 70.1 | 52.2 | 55.1 | 32.7 | 1,829 |
| West Kalimantan | 45.7 | 43.1-48.3 | 4,544 | 81.8 | 80.1 | 65.1 | 69.0 | 53.6 | 54.3 | 28.7 | 2,078 |
| Central Kalimantan | 42.2 | 38.9-45.7 | 2,326 | 75.4 | 76.9 | 54.7 | 68.8 | 43.0 | 46.2 | 21.8 | 984 |
| South Kalimantan | 41.7 | 39.5-44.0 | 4,651 | 76.6 | 72.7 | 60.6 | 67.5 | 45.3 | 47.5 | 24.5 | 1,943 |
| East Kalimantan | 49.4 | 46.4-52.3 | 3,765 | 76.7 | 68.7 | 58.3 | 68.0 | 44.3 | 48.1 | 24.5 | 1,860 |
| North Kalimantan | 51.5 | 46.0-57.0 | 488 | 86.4 | 79.1 | 63.9 | 69.0 | 57.6 | 60.9 | 32.9 | 251 |
| North Sulawesi | 40.3 | 37.8-42.8 | 2,532 | 83.7 | 69.0 | 60.3 | 71.7 | 52.0 | 64.4 | 38.4 | 1,021 |
| Central Sulawesi | 37.9 | 35.6-40.4 | 3,257 | 72.8 | 66.6 | 53.3 | 67.0 | 48.2 | 56.3 | 30.1 | 1,237 |
| South Sulawesi | 49.4 | 47.7-51.2 | 8,892 | 75.8 | 68.4 | 62.9 | 67.3 | 51.3 | 57.0 | 30.8 | 4,401 |
| South East Sulawesi | 49.2 | 46.6-51.8 | 2,085 | 81.7 | 72.5 | 60.9 | 70.7 | 50.9 | 60.0 | 29.9 | 1,027 |
| Gorontalo | 32.8 | 29.8-35.9 | 1,419 | 81.7 | 65.8 | 52.9 | 65.7 | 49.6 | 68.4 | 31.2 | 466 |
| West Sulawesi | 47.2 | 43.8-50.7 | 959 | 72.5 | 66.3 | 51.8 | 62.2 | 45.0 | 58.0 | 23.5 | 454 |
| Maluku | 30.4 | 27.3-33.6 | 1,371 | 79.2 | 67.0 | 47.9 | 65.0 | 44.8 | 57.6 | 31.2 | 417 |
| North Maluku | 33.2 | 30.2-36.4 | 1,175 | 83.0 | 68.1 | 53.8 | 68.0 | 55.7 | 70.1 | 35.0 | 391 |
| West Papua | 61.7 | 56.0-67.1 | 303 | 65.7 | 71.2 | 60.2 | 65.6 | 45.9 | 63.0 | 39.1 | 187 |
| Southwest Papua | 53.3 | 48.9-57.8 | 496 | 80.9 | 67.9 | 52.5 | 72.9 | 43.6 | 56.8 | 32.8 | 265 |
| Papua | 48.5 | 43.6-53.4 | 719 | 82.2 | 74.1 | 62.1 | 77.1 | 56.0 | 63.7 | 39.6 | 349 |
| South Papua | 54.5 | 46.7-62.1 | 216 | 86.3 | 75.2 | 51.1 | 66.2 | 52.4 | 59.8 | 22.8 | 118 |
| Central Papua | 56.2 | 36.6-74.0 | 564 | 89.3 | 83.8 | 34.5 | 88.4 | 32.1 | 33.7 | 25.7 | 317 |
| Highland Papua | 54.4 | 43.1-65.2 | 225 | 82.4 | 67.0 | 63.1 | 79.7 | 46.9 | 62.2 | 35.3 | 123 |
| INDONESIA | 45.6 | 45.1-46.1 | 266,027 | 73.4 | 68.0 | 54.6 | 65.7 | 41.6 | 46.8 | 23.0 | 121,426 |

*** : may be more than one answer choice

Table 10. 4 Proportion of Respondents who Received Medicine Information or Asked for Medicine Information from Pharmacy Staff or Other Health Workers and Types of Medicine Information Obtained by Characteristic, 2023 SKI

| Characteristic | Received Medicine Information or Asked for Medicine Information | | | | Types of Information Obtained *** | | | | | | |
|--|---|-----------|------------|---------------------------------------|-----------------------------------|---------------------|---------------------------------|-----------------|---------------------|----------------------|------------|
| | % | CI 95% | Weighted N | Name and contents of the medicine (%) | Indication of the medicine (%) | Medicine dosage (%) | Instruction on the Medicine (%) | Side effect (%) | Expiration time (%) | Medicine storage (%) | Weighted N |
| Age Range (Year) | | | | | | | | | | | |
| 15-24 | 42.9 | 41.9-43.9 | 41,125 | 72.7 | 65.5 | 51.9 | 63.5 | 40.2 | 45.2 | 21.1 | 17,659 |
| 25-34 | 49.2 | 48.3-50.0 | 59,521 | 73.4 | 68.2 | 56.5 | 66.8 | 42.5 | 47.9 | 24.6 | 29,290 |
| 35-44 | 47.3 | 46.6-48.1 | 59,770 | 73.7 | 69.1 | 56.2 | 67.4 | 43.2 | 47.9 | 23.9 | 28,324 |
| 45-54 | 45.4 | 44.7-46.1 | 50,900 | 73.7 | 68.6 | 54.2 | 65.4 | 41.9 | 46.5 | 23.0 | 23,135 |
| 55-64 | 43.3 | 42.4-44.2 | 34,323 | 73.1 | 67.2 | 52.8 | 64.3 | 39.2 | 45.3 | 21.1 | 14,878 |
| 65-74 | 40.8 | 39.6-42.1 | 16,289 | 73.6 | 68.4 | 53.2 | 64.1 | 39.9 | 45.3 | 22.0 | 6,655 |
| 75+ | 36.2 | 33.8-38.7 | 4,098 | 73.1 | 67.5 | 51.9 | 62.7 | 38.5 | 47.4 | 21.2 | 1,485 |
| Sex | | | | | | | | | | | |
| Male | 43.9 | 43.3-44.5 | 126,674 | 73.4 | 67.8 | 53.6 | 65.3 | 41.3 | 46.4 | 22.4 | 55,723 |
| Female | 47.1 | 46.6-47.6 | 139,353 | 73.4 | 68.1 | 55.5 | 66.0 | 41.9 | 47.0 | 23.6 | 65,703 |
| Education | | | | | | | | | | | |
| Never attended school | 35.4 | 33.7-37.1 | 8,430 | 73.1 | 67.6 | 46.4 | 57.8 | 35.1 | 40.3 | 18.5 | 2,987 |
| Some primary school/Islamic primary school | 38.3 | 37.0-39.6 | 15,292 | 73.7 | 68.5 | 48.5 | 62.9 | 37.3 | 42.8 | 19.7 | 5,859 |
| Primary school/Islamic primary school graduate | 39.9 | 39.1-40.6 | 69,020 | 71.6 | 66.0 | 51.3 | 64.0 | 37.4 | 43.7 | 20.3 | 27,539 |
| Junior secondary school/Islamic junior secondary school graduate | 44.9 | 44.1-45.8 | 54,819 | 72.6 | 67.0 | 53.3 | 65.7 | 39.7 | 45.8 | 21.7 | 24,657 |
| Senior secondary school/Islamic senior secondary school graduate | 49.0 | 48.3-49.7 | 89,900 | 73.9 | 68.4 | 56.2 | 66.0 | 43.4 | 48.0 | 23.9 | 44,121 |
| D1/D2/D3/university graduate | 56.9 | 55.9-57.9 | 28,567 | 76.2 | 71.5 | 61.6 | 70.1 | 49.8 | 52.5 | 29.5 | 16,264 |
| Occupation | | | | | | | | | | | |
| Unemployed | 46.0 | 45.3-46.6 | 81,190 | 73.9 | 68.5 | 54.9 | 65.2 | 41.7 | 46.8 | 23.2 | 37,367 |
| Student | 41.8 | 40.4-43.3 | 15,027 | 71.8 | 65.6 | 51.2 | 63.3 | 40.1 | 44.5 | 20.5 | 6,295 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 59.3 | 57.8-60.8 | 8,596 | 77.4 | 73.9 | 63.8 | 71.4 | 52.3 | 55.3 | 31.3 | 5,103 |
| Private employee | 50.3 | 49.2-51.5 | 33,803 | 73.3 | 68.1 | 57.0 | 66.0 | 44.2 | 46.9 | 24.7 | 17,035 |
| Self-employed | 48.3 | 47.4-49.2 | 44,173 | 73.2 | 67.8 | 55.5 | 66.4 | 41.5 | 46.5 | 22.6 | 21,364 |
| Farmer/farm worker | 37.6 | 36.7-38.6 | 39,956 | 71.2 | 65.3 | 48.4 | 63.9 | 37.1 | 44.3 | 19.4 | 15,043 |
| Fisher | 35.6 | 32.2-39.1 | 2,018 | 78.5 | 75.0 | 52.3 | 64.4 | 41.4 | 48.3 | 22.8 | 719 |
| Labor/driver/domestic help | 42.8 | 41.5-44.1 | 24,922 | 71.8 | 66.0 | 51.5 | 64.2 | 36.5 | 43.1 | 19.8 | 10,677 |
| Others | 47.8 | 46.5-49.1 | 16,342 | 76.1 | 70.4 | 59.1 | 69.3 | 46.2 | 52.8 | 28.2 | 7,823 |
| Residence | | | | | | | | | | | |
| Urban | 47.9 | 47.3-48.5 | 167,036 | 74.1 | 68.6 | 56.3 | 65.5 | 42.5 | 47.1 | 23.7 | 80,113 |
| Rural | 41.7 | 40.9-42.5 | 98,991 | 72.1 | 66.8 | 51.4 | 66.1 | 39.8 | 46.0 | 21.6 | 41,313 |
| Economic Status | | | | | | | | | | | |
| Lowest | 35.5 | 34.5-36.6 | 34,427 | 70.8 | 64.6 | 49.5 | 62.0 | 37.1 | 43.2 | 19.6 | 12,247 |
| Lower middle | 40.9 | 40.0-41.8 | 47,856 | 71.7 | 66.6 | 51.6 | 64.8 | 38.3 | 44.2 | 20.4 | 19,584 |
| Middle | 44.4 | 43.6-45.3 | 56,899 | 72.0 | 66.8 | 52.1 | 64.6 | 38.3 | 44.6 | 21.3 | 25,312 |
| Upper middle | 48.3 | 47.4-49.1 | 63,423 | 73.7 | 68.3 | 55.1 | 66.0 | 41.4 | 46.2 | 22.8 | 30,646 |
| Highest | 53.0 | 52.1-53.8 | 63,410 | 76.1 | 70.5 | 59.7 | 68.1 | 47.9 | 51.7 | 27.3 | 33,634 |

*** : may be more than one answer choice

5. Proportion of the Medicine Classification Knowledge Purchased

The Medicine classification is based on Minister of Health Regulation number 917 of 1993, namely over-the-counter medicine, limited over-the-counter medicine, potent medicine, and narcotics. Proportion of the total household members aged ≥15 years old who knew the medicine classification they purchased compared to the total household members aged ≥15 years old who obtained medication without a doctor's prescription in the last year.

The sample was obtained from a sample of respondents who had bought/obtained medicine without a doctor's prescription (F01) and then asked question F05 concerning knowledge about the medicine classification purchased by the household members.

Proportion of respondents who knew the medicine classification they purchased =

$$\frac{\text{Total household members who knew the medicine classification they purchased}}{\text{Total household members aged } \geq 15 \text{ years old who obtained medicine without a doctor's prescription}} \times 100\%$$

Table 10. 5 Proportion of Respondents who knew the Medicines Classification Purchased, Including Over-the-Counter Medicines, Limited Over-the-Counter Medicines, or Potent Medicines by Province, 2023 SKI

| Province | Respondents who knew the Medicines Classification Purchased, Including Over-the-Counter Medicines, Limited Over-the-Counter Medicines, or Potent Medicines | | Weighted N |
|------------------------|--|------------------|----------------|
| | % | CI 95% | |
| Aceh | 12.6 | 11.3-14.0 | 2,894 |
| North Sumatra | 12.7 | 11.5-14.1 | 9,900 |
| West Sumatra | 12.9 | 11.8-14.1 | 4,467 |
| Riau | 12.4 | 10.9-14.2 | 4,287 |
| Jambi | 9.7 | 8.3-11.3 | 2,065 |
| South Sumatra | 9.3 | 8.1-10.6 | 6,637 |
| Bengkulu | 15.0 | 12.9-17.3 | 1,531 |
| Lampung | 10.3 | 9.0-11.7 | 7,845 |
| Bangka Belitung Island | 11.5 | 9.9-13.2 | 1,362 |
| Riau Islands | 19.4 | 16.5-22.7 | 1,472 |
| DKI Jakarta | 30.9 | 28.3-33.7 | 11,659 |
| West Java | 19.4 | 18.4-20.4 | 57,779 |
| Central Java | 13.8 | 13.1-14.6 | 43,373 |
| DI Yogyakarta | 32.6 | 30.4-34.9 | 4,513 |
| East Java | 14.0 | 13.3-14.8 | 43,369 |
| Banten | 17.4 | 15.7-19.2 | 11,528 |
| Bali | 22.4 | 20.3-24.6 | 2,749 |
| West Nusa Tenggara | 12.5 | 11.1-14.1 | 4,755 |
| East Nusa Tenggara | 13.5 | 12.4-14.8 | 3,855 |
| West Kalimantan | 16.7 | 14.7-18.9 | 4,544 |
| Central Kalimantan | 13.2 | 11.6-15.0 | 2,326 |
| South Kalimantan | 15.1 | 13.8-16.4 | 4,651 |
| East Kalimantan | 26.4 | 24.2-28.7 | 3,765 |
| North Kalimantan | 26.2 | 21.1-32.1 | ,488 |
| North Sulawesi | 14.9 | 13.4-16.5 | 2,532 |
| Central Sulawesi | 11.8 | 10.5-13.2 | 3,257 |
| South Sulawesi | 15.4 | 14.3-16.5 | 8,892 |
| South East Sulawesi | 13.6 | 12.0-15.3 | 2,085 |
| Gorontalo | 12.0 | 10.3-14.0 | 1,419 |
| West Sulawesi | 13.9 | 11.8-16.4 | 959 |
| Maluku | 9.0 | 7.7-10.5 | 1,371 |
| North Maluku | 9.9 | 8.6-11.3 | 1,175 |
| West Papua | 21.5 | 17.1-26.7 | 303 |
| Southwest Papua | 20.9 | 17.0-25.3 | 496 |
| Papua | 19.2 | 15.6-23.5 | 719 |
| South Papua | 24.8 | 19.6-30.9 | 216 |
| Central Papua | 10.4 | 4.8-20.8 | 564 |
| Highland Papua | 23.5 | 17.7-30.4 | 225 |
| INDONESIA | 16.3 | 16.0-16.7 | 266,027 |

Table 10. 6 Proportion of Respondents who knew the Medicines Classification Purchased, Including Over-the-Counter Medicines, Limited Over-the-Counter Medicines, or Potent Medicines by Characteristic, 2023 SKI

| Characteristic | Knowledge of the Medicines Classification Purchased, Including Over-the-Counter Medicines, Limited Over-the-Counter Medicines, or Potent Medicines | | | Weighted N |
|--|--|-----------|--|------------|
| | % | CI 95% | | |
| Age Range (Year) | | | | |
| 15-24 | 16.6 | 15.8-17.3 | | 41,125 |
| 25-34 | 20.5 | 19.9-21.2 | | 59,521 |
| 35-44 | 18.2 | 17.6-18.8 | | 59,770 |
| 45-54 | 15.4 | 14.8-16.0 | | 50,900 |
| 55-64 | 11.6 | 11.1-12.2 | | 34,323 |
| 65-74 | 9.1 | 8.4-9.8 | | 16,289 |
| 75+ | 6.6 | 5.5-7.8 | | 4,098 |
| Sex | | | | |
| Male | 15.2 | 14.8-15.6 | | 126,674 |
| Female | 17.4 | 17.0-17.8 | | 139,353 |
| Education | | | | |
| Never attended school | 5.7 | 5.0-6.5 | | 8,430 |
| Some primary school/Islamic primary school | 6.6 | 6.0-7.3 | | 15,292 |
| Primary school/Islamic primary school graduate | 7.2 | 6.8-7.6 | | 69,020 |
| Junior secondary school/Islamic junior secondary school graduate | 12.1 | 11.6-12.7 | | 54,819 |
| Senior secondary school/Islamic senior secondary school graduate | 20.8 | 20.3-21.4 | | 89,900 |
| D1/D2/D3/university graduate | 40.6 | 39.6-41.6 | | 28,567 |
| Occupation | | | | |
| Unemployed | 15.3 | 14.8-15.8 | | 81,190 |
| Student | 18.8 | 17.6-20.0 | | 15,027 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 38.7 | 37.2-40.3 | | 8,596 |
| Private employee | 27.0 | 26.0-28.0 | | 33,803 |
| Self-employed | 16.5 | 15.8-17.1 | | 44,173 |
| Farmer/farm worker | 6.1 | 5.7-6.5 | | 39,956 |
| Fisher | 9.3 | 7.2-11.9 | | 2,018 |
| Labor/driver/domestic help | 11.0 | 10.2-11.8 | | 24,922 |
| Others | 19.2 | 18.3-20.3 | | 16,342 |
| Residence | | | | |
| Urban | 20.2 | 19.8-20.7 | | 167,036 |
| Rural | 9.7 | 9.3-10.2 | | 98,991 |
| Economic Status | | | | |
| Lowest | 6.7 | 6.3-7.2 | | 34,427 |
| Lower middle | 8.7 | 8.2-9.1 | | 47,856 |
| Middle | 11.2 | 10.8-11.7 | | 56,899 |
| Upper middle | 17.1 | 16.5-17.7 | | 63,423 |
| Highest | 31.1 | 30.4-31.9 | | 63,410 |

6. Proportion of Oral Antibiotic Usage

Antibiotics are drugs to kill or inhibit the growth of bacteria. Antibiotics cannot kill viruses or other microbes (fungi, parasites, protozoa). Examples: Amoxicillin, cefadroxil, Ciprofloxacin, etc. Orally administered antibiotics are antibiotics taken by mouth, either in the form of tablets, capsules, syrup, powder and other dosage forms.

The proportion of oral antibiotic use was obtained from the number of household members aged ≥ 15 years who used oral antibiotics compared to the number of ART aged ≥ 15 years in the last year. Data was obtained from question F06a regarding history of use of orally administered antibiotics.

$$\text{Proportion of oral antibiotic use} = \frac{\text{Total household members aged } \geq 15 \text{ years old who used antibiotics orally}}{\text{Total household members aged } \geq 15 \text{ years old}} \times 100\%$$

7. Proportion of Methods of Obtaining Antibiotics Used Orally

Obtaining antibiotics with a doctor's prescription is obtaining/purchasing antibiotics by using a doctor's prescription as a reference. In 2023 SKI, antibiotics obtained with the prescription can be antibiotics obtained after redeeming the prescription in hardcopy form, or electronic prescriptions (e-prescription), where patients may take the medicine directly to the pharmacy/drug store installation at the health service facility after consulting with a doctor, or obtain antibiotics after the Respondent has sought treatment by visiting a hospital/public health center/clinic/doctor's independent practice. Health facilities such as hospitals/ public health center /clinics that do not have doctors so that respondents are treated by nurses/midwives are included in obtaining medicines with a doctor's prescription where health services are carried out by health workers who have been authorized by a doctor.

While, obtaining antibiotics without a doctor's prescription is obtaining antibiotics for the purpose of self-medication to deal with problems or treat illnesses without visiting a doctor/health worker/health facility within the last year.

The proportion of obtaining antibiotics methods that were used orally was obtained from the total household members aged ≥ 15 years old according to the obtaining method that was most recently used compared to the total household members aged ≥ 15 years old who used antibiotics orally in the last year. The sample is the result of a sample that has used oral antibiotics in the last 1 year, then asked question F06b regarding how to obtain the antibiotic that was last used.

$$\text{Proportion of obtaining antibiotics methods} =$$

$$\frac{\text{Total household members aged } \geq 15 \text{ years old who used antibiotics orally by its obtaining methods}}{\text{Total household members aged } \geq 15 \text{ years old who used antibiotics orally}} \times 100\%$$

Table 10. 7 Proportion of Antibiotic Use and Method of Obtaining Oral Antibiotics within the Last 1 Year by Province, 2023 SKI

| Province | Using Antibiotic orally within the last 1 year | | Method of Obtaining Antibiotic | | Weighted N | |
|------------------------|--|------------------|--------------------------------|---------------------------------|-------------|----------------|
| | % | CI 95% | with a doctor's prescription | without a doctor's prescription | | |
| Aceh | 17.5 | 16.4-18.7 | 11,581 | 69.9 | 30.1 | 2,211 |
| North Sumatra | 15.5 | 14.5-16.7 | 32,896 | 59.0 | 41.0 | 5,560 |
| West Sumatra | 19.6 | 18.5-20.8 | 12,643 | 60.1 | 39.9 | 2,698 |
| Riau | 10.2 | 9.2-11.3 | 14,069 | 66.5 | 33.5 | 1,564 |
| Jambi | 14.5 | 12.8-16.3 | 7,698 | 67.8 | 32.2 | 1,215 |
| South Sumatra | 19.7 | 18.4-21.1 | 18,842 | 51.5 | 48.5 | 4,040 |
| Bengkulu | 20.4 | 18.7-22.2 | 4,586 | 47.4 | 52.6 | 1,017 |
| Lampung | 16.6 | 15.4-17.8 | 20,152 | 60.9 | 39.1 | 3,635 |
| Bangka Belitung Island | 15.3 | 13.7-17.1 | 3,374 | 55.3 | 44.7 | 564 |
| Riau Islands | 15.2 | 13.5-17.2 | 4,672 | 79.5 | 20.5 | 776 |
| DKI Jakarta | 26.5 | 24.8-28.3 | 24,220 | 73.1 | 26.9 | 6,985 |
| West Java | 28.1 | 27.2-29.0 | 110,887 | 68.6 | 31.4 | 33,950 |
| Central Java | 16.0 | 15.4-16.6 | 84,383 | 75.8 | 24.2 | 14,722 |
| DI Yogyakarta | 18.4 | 17.1-19.7 | 8,611 | 91.3 | 8.7 | 1,722 |
| East Java | 18.5 | 17.8-19.3 | 95,648 | 50.2 | 49.8 | 19,293 |
| Banten | 20.5 | 18.9-22.2 | 26,985 | 83.1 | 16.9 | 6,022 |
| Bali | 18.0 | 16.7-19.5 | 10,159 | 84.6 | 15.4 | 1,995 |
| West Nusa Tenggara | 29.0 | 27.2-30.8 | 11,692 | 37.7 | 62.3 | 3,691 |
| East Nusa Tenggara | 38.6 | 37.3-40.0 | 11,447 | 36.9 | 63.1 | 4,814 |
| West Kalimantan | 16.1 | 14.6-17.7 | 12,214 | 82.0 | 18.0 | 2,141 |
| Central Kalimantan | 27.4 | 25.5-29.4 | 6,011 | 31.6 | 68.4 | 1,794 |
| South Kalimantan | 31.6 | 29.9-33.3 | 9,113 | 27.6 | 72.4 | 3,134 |
| East Kalimantan | 23.6 | 22.0-25.3 | 8,665 | 63.2 | 36.8 | 2,230 |
| North Kalimantan | 16.8 | 14.8-19.0 | 1,616 | 60.2 | 39.8 | 296 |
| North Sulawesi | 42.2 | 40.3-44.1 | 6,047 | 34.1 | 65.9 | 2,776 |
| Central Sulawesi | 37.3 | 35.6-39.0 | 6,657 | 22.4 | 77.6 | 2,704 |
| South Sulawesi | 29.9 | 28.8-31.0 | 20,592 | 30.8 | 69.2 | 6,702 |
| South East Sulawesi | 26.3 | 24.8-28.0 | 5,743 | 32.1 | 67.9 | 1,646 |
| Gorontalo | 41.5 | 38.7-44.3 | 2,704 | 32.4 | 67.6 | 1,220 |
| West Sulawesi | 19.8 | 17.8-22.0 | 3,093 | 44.5 | 55.5 | 668 |
| Maluku | 34.0 | 31.9-36.3 | 4,169 | 25.5 | 74.5 | 1,545 |
| North Maluku | 40.8 | 38.2-43.4 | 2,830 | 22.1 | 77.9 | 1,257 |
| West Papua | 31.3 | 27.5-35.2 | 1,192 | 56.8 | 43.2 | 406 |
| Southwest Papua | 33.9 | 30.9-37.0 | 1,334 | 52.3 | 47.7 | 492 |
| Papua | 38.9 | 35.8-42.2 | 2,026 | 71.7 | 28.3 | 859 |
| South Papua | 22.4 | 19.0-26.2 | 966 | 73.7 | 26.3 | 236 |
| Central Papua | 25.0 | 18.1-33.4 | 3,206 | 59.0 | 41.0 | 873 |
| Highland Papua | 24.8 | 21.4-28.6 | 3,386 | 81.6 | 18.4 | 916 |
| INDONESIA | 22.1 | 21.8-22.4 | 616,110 | 59.0 | 41.0 | 148,367 |

Table 10.8 Proportion of Antibiotic Use and Method of Obtaining Oral Antibiotics within the Last 1 Year by Characteristic, 2023 SKI

| Characteristic | Using Antibiotic orally within the last 1 year | | | Method of Obtaining Antibiotic | | |
|--|--|-----------|------------|--------------------------------|---------------------------------|------------|
| | % | CI 95% | Weighted N | with a doctor's prescription | without a doctor's prescription | Weighted N |
| | | | | % | % | |
| Age Range (Year) | | | | | | |
| 15-24 | 18.8 | 18.3-19.3 | 118,908 | 58.4 | 41.6 | 24,380 |
| 25-34 | 25.1 | 24.6-25.6 | 132,876 | 60.1 | 39.9 | 36,361 |
| 35-44 | 24.9 | 24.4-25.4 | 125,103 | 57.7 | 42.3 | 33,910 |
| 45-54 | 23.4 | 22.9-23.8 | 107,906 | 56.5 | 43.5 | 27,434 |
| 55-64 | 20.1 | 19.6-20.6 | 77,205 | 60.8 | 39.2 | 16,901 |
| 65-74 | 16.8 | 16.2-17.4 | 41,076 | 64.3 | 35.7 | 7,527 |
| 75+ | 13.1 | 12.1-14.1 | 13,036 | 66.0 | 34.0 | 1,854 |
| Sex | | | | | | |
| Male | 19.9 | 19.6-20.3 | 308,934 | 56.0 | 44.0 | 67,052 |
| Female | 24.3 | 24.0-24.6 | 307,176 | 61.4 | 38.6 | 81,315 |
| Education | | | | | | |
| Never attended school | 14.2 | 13.5-14.9 | 25,423 | 51.4 | 48.6 | 3,922 |
| Some primary school/Islamic primary school | 16.9 | 16.2-17.6 | 38,606 | 51.8 | 48.2 | 7,099 |
| Primary school/Islamic primary school graduate | 18.2 | 17.8-18.6 | 154,841 | 53.9 | 46.1 | 30,613 |
| Junior secondary school/Islamic junior secondary school graduate | 20.6 | 20.2-21.1 | 131,126 | 57.3 | 42.7 | 29,453 |
| Senior secondary school/Islamic senior secondary school graduate | 24.9 | 24.5-25.3 | 205,234 | 60.0 | 40.0 | 55,644 |
| D1/D2/D3/university graduate | 32.6 | 32.0-33.3 | 60,881 | 69.6 | 30.4 | 21,636 |
| Occupation | | | | | | |
| Unemployed | 23.7 | 23.3-24.1 | 182,721 | 61.3 | 38.7 | 47,173 |
| Student | 18.2 | 17.5-18.9 | 48,660 | 61.0 | 39.0 | 9,619 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 34.4 | 33.4-35.4 | 19,767 | 68.2 | 31.8 | 7,407 |
| Private employee | 25.6 | 24.8-26.3 | 72,209 | 67.7 | 32.3 | 20,115 |
| Self-employed | 21.6 | 21.1-22.1 | 96,927 | 57.2 | 42.8 | 22,770 |
| Farmer/farm worker | 16.3 | 15.9-16.8 | 101,705 | 45.6 | 54.4 | 18,094 |
| Fisher | 23.7 | 23.3-24.1 | 5,077 | 36.3 | 63.7 | 1,157 |
| Labor/driver/domestic help | 18.2 | 17.5-18.9 | 51,190 | 58.6 | 41.4 | 11,306 |
| Others | 34.4 | 33.4-35.4 | 37,854 | 53.6 | 46.4 | 10,726 |
| Residence | | | | | | |
| Urban | 24.30 | 23.9-24.7 | 361,468 | 63.8 | 36.2 | 95,617 |
| Rural | 19.03 | 18.6-19.4 | 254,642 | 50.3 | 49.7 | 52,750 |
| Economic Status | | | | | | |
| Lowest | 18.0 | 17.5-18.6 | 89,393 | 43.1 | 56.9 | 17,547 |
| Lower middle | 18.7 | 18.3-19.2 | 112,171 | 49.0 | 51.0 | 22,870 |
| Middle | 20.1 | 19.6-20.5 | 130,026 | 55.8 | 44.2 | 28,396 |
| Upper middle | 23.0 | 22.5-23.5 | 142,841 | 60.8 | 39.2 | 35,748 |
| Highest | 28.4 | 27.8-29.0 | 141,632 | 71.1 | 28.9 | 43,784 |

8. Proportion of Sources of Obtaining Antibiotics without a Doctor's Prescription

The proportion of the total household members aged ≥15 years old who used antibiotics orally without a doctor's prescription by its obtaining methods of the most recent use compared to the total household members aged ≥15 years old who used antibiotics orally in the last year.

The sample was respondents who used antibiotics from question F06b who were then asked question F06c about its obtaining methods of the last used antibiotic coded 1-6.

Proportion of Sources of Obtaining Antibiotics =

Total household members aged ≥15 years old who used antibiotics orally
without a doctor's prescription by its obtaining methods

Total household members aged ≥15 years old who used antibiotics orally
× 100%

Obtaining antibiotics without a doctor's prescription at hospitals/health centers/clinics/doctors' independent practices has emerged because currently many health facilities use electronic prescriptions, hence patients do not see the prescription and they are just getting it directly. In 2023 SKI, licensed pharmacies/drug stores become 1 variable group so as to make it easier for respondents to answer community questions.

Table 10. 9 Proportion of Sources of Obtaining Antibiotics without a Doctor's Prescription by Province, 2023 SKI

| Province | Sources of Obtaining Antibiotics without a Doctor's Prescription | | | | | | Weighted N |
|------------------------|---|--|-----------------------------------|-------------|-----------------------|--------------------------------|---------------|
| | Hospitals/health centers/clinics/doctors' independent practices (%) | Independent Practice of Health Workers who are not Doctors (%) | Licensed Pharmacy/ Drug Store (%) | Shop (%) | Gifts from others (%) | Purchasing medicine online (%) | |
| Aceh | 11.0 | 22.1 | 57.2 | 9.2 | 0.5 | 0.0 | 782 |
| North Sumatra | 6.4 | 19.8 | 57.7 | 15.2 | 0.9 | 0.0 | 2,679 |
| West Sumatra | 6.6 | 16.7 | 58.5 | 17.4 | 0.9 | 0.0 | 1,264 |
| Riau | 6.3 | 21.6 | 60.4 | 9.9 | 1.8 | 0.0 | 616 |
| Jambi | 6.2 | 30.4 | 55.7 | 6.3 | 1.0 | 0.3 | 459 |
| South Sumatra | 4.9 | 18.9 | 55.5 | 20.0 | 0.7 | 0.1 | 2,302 |
| Bengkulu | 4.7 | 12.6 | 69.1 | 13.1 | 0.5 | 0.0 | 628 |
| Lampung | 5.5 | 14.3 | 66.7 | 11.5 | 2.1 | 0.0 | 1,671 |
| Bangka Belitung Island | 4.6 | 8.4 | 74.7 | 10.3 | 2.0 | 0.0 | 296 |
| Riau Islands | 6.0 | 9.8 | 71.1 | 12.3 | 0.8 | 0.0 | 187 |
| DKI Jakarta | 4.3 | 3.3 | 69.1 | 21.2 | 1.7 | 0.4 | 2,207 |
| West Java | 3.6 | 11.3 | 69.2 | 12.0 | 3.8 | 0.1 | 12,507 |
| Central Java | 5.7 | 13.5 | 70.4 | 7.1 | 3.3 | 0.0 | 4,179 |
| DI Yogyakarta | 12.3 | 26.7 | 39.0 | 1.0 | 21.0 | 0.0 | 175 |
| East Java | 3.2 | 6.2 | 78.3 | 9.5 | 2.7 | 0.1 | 11,285 |
| Banten | 6.2 | 17.4 | 65.6 | 7.6 | 2.8 | 0.5 | 1,198 |
| Bali | 12.2 | 20.0 | 61.2 | 4.6 | 1.9 | 0.0 | 360 |
| West Nusa Tenggara | 3.2 | 8.0 | 60.5 | 25.2 | 3.0 | 0.2 | 2,700 |
| East Nusa Tenggara | 4.7 | 5.2 | 48.9 | 36.8 | 4.4 | 0.1 | 3,568 |
| West Kalimantan | 6.7 | 43.2 | 22.2 | 23.4 | 4.4 | 0.0 | 453 |
| Central Kalimantan | 3.4 | 9.0 | 39.6 | 47.3 | 0.7 | 0.0 | 1,441 |
| South Kalimantan | 2.2 | 4.1 | 41.1 | 52.0 | 0.8 | 0.0 | 2,664 |
| East Kalimantan | 6.6 | 10.3 | 56.5 | 24.4 | 2.2 | 0.0 | 964 |
| North Kalimantan | 4.9 | 4.6 | 69.7 | 19.3 | 1.5 | 0.0 | 138 |
| North Sulawesi | 2.6 | 3.1 | 43.7 | 49.0 | 1.5 | 0.0 | 2,148 |
| Central Sulawesi | 2.8 | 5.2 | 42.7 | 48.1 | 1.2 | 0.0 | 2,464 |
| South Sulawesi | 3.5 | 3.1 | 61.5 | 29.0 | 2.8 | 0.1 | 5,443 |
| South East Sulawesi | 3.2 | 3.3 | 53.5 | 38.3 | 1.6 | 0.0 | 1,313 |
| Gorontalo | 1.2 | 3.2 | 37.6 | 56.6 | 1.4 | 0.0 | 969 |
| West Sulawesi | 5.4 | 5.5 | 47.2 | 38.2 | 3.8 | 0.0 | 435 |
| Maluku | 3.1 | 6.1 | 36.5 | 47.0 | 7.4 | 0.0 | 1,352 |
| North Maluku | 2.6 | 2.4 | 35.6 | 56.5 | 2.9 | 0.0 | 1,149 |
| West Papua | 5.9 | 1.5 | 84.7 | 2.5 | 5.5 | 0.0 | 206 |
| Southwest Papua | 6.0 | 2.2 | 70.7 | 14.2 | 6.9 | 0.0 | 276 |
| Papua | 13.7 | 5.9 | 66.6 | 6.3 | 7.5 | 0.0 | 286 |
| South Papua | 8.8 | 6.0 | 46.6 | 26.2 | 12.4 | 0.0 | 73 |
| Central Papua | 11.1 | 5.3 | 71.1 | 1.5 | 10.9 | 0.0 | 420 |
| Highland Papua | 47.9 | 1.9 | 25.4 | 7.5 | 17.3 | 0.0 | 197 |
| INDONESIA | 4.3 | 9.3 | 61.3 | 22.2 | 2.8 | 0.1 | 71,452 |

Table 10. 10 Proportion of Sources of Obtaining Antibiotics without a Doctor's Prescription by Characteristic, 2023 SKI

| Characteristic | Sources of Obtaining Antibiotics without a Doctor's Prescription | | | | | | |
|--|---|--|----------------------------------|----------|-----------------------|--------------------------------|------------|
| | Hospitals/health centers/clinics/doctors' independent practices (%) | Independent Practice of Health Workers who are not Doctors (%) | Licensed Pharmacy/Drug Store (%) | Shop (%) | Gifts from others (%) | Purchasing medicine online (%) | Weighted N |
| Age Range (Year) | | | | | | | |
| 15-24 | 3.9 | 9.5 | 56.81 | 24.7 | 5.0 | 0.1 | 11,905 |
| 25-34 | 4.7 | 9.8 | 62.40 | 20.7 | 2.2 | 0.1 | 17,024 |
| 35-44 | 4.0 | 9.0 | 63.52 | 21.3 | 2.2 | 0.0 | 16,835 |
| 45-54 | 4.4 | 8.3 | 63.26 | 21.9 | 1.9 | 0.1 | 14,021 |
| 55-64 | 4.5 | 9.4 | 60.31 | 22.6 | 3.2 | 0.0 | 7,771 |
| 65-74 | 5.4 | 9.8 | 56.99 | 24.4 | 3.4 | 0.0 | 3,157 |
| 75+ | 3.7 | 12.1 | 50.77 | 30.0 | 3.4 | 0.0 | 739 |
| Sex | | | | | | | |
| Male | 4.0 | 8.1 | 61.7 | 10.4 | 3.1 | 0.01 | 34,628 |
| Female | 4.7 | 10.4 | 60.9 | 8.4 | 2.5 | 0.14 | 36,824 |
| Education | | | | | | | |
| Never attended school | 6.6 | 11.3 | 41.8 | 36.6 | 3.6 | 0.01 | 2,236 |
| Some primary school/Islamic primary school | 4.2 | 10.7 | 46.4 | 35.3 | 3.3 | 0.01 | 4,019 |
| Primary school/Islamic primary school graduate | 4.1 | 10.5 | 51.3 | 31.9 | 2.2 | 0.01 | 16,574 |
| Junior secondary school/Islamic junior secondary school graduate | 4.1 | 9.6 | 60.0 | 23.3 | 2.8 | 0.01 | 14,775 |
| Senior secondary school/Islamic senior secondary school graduate | 3.9 | 8.1 | 68.5 | 16.3 | 3.1 | 0.11 | 26,133 |
| D1/D2/D3/university graduate | 6.1 | 8.5 | 74.3 | 8.4 | 2.4 | 0.31 | 7,714 |
| Occupation | | | | | | | |
| Unemployed | 4.4 | 10.6 | 59.8 | 22.9 | 2.3 | 0.11 | 21,441 |
| Student | 4.4 | 7.2 | 61.5 | 20.6 | 6.3 | 0.00 | 4,404 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 6.8 | 7.8 | 74.6 | 7.7 | 3.0 | 0.09 | 2,762 |
| Private employee | 4.5 | 7.4 | 74.3 | 10.5 | 2.8 | 0.29 | 7,625 |
| Self-employed | 4.0 | 8.8 | 70.2 | 14.7 | 2.2 | 0.05 | 11,455 |
| Farmer/farm worker | 4.4 | 10.9 | 42.4 | 40.0 | 2.3 | 0.02 | 11,566 |
| Fisher | 3.5 | 6.4 | 38.0 | 49.0 | 3.1 | 0.00 | 865 |
| Labor/driver/domestic help | 3.1 | 8.2 | 66.3 | 18.1 | 4.3 | 0.02 | 5,495 |
| Others | 4.8 | 8.2 | 62.1 | 22.4 | 2.5 | 0.00 | 5,839 |
| Residence | | | | | | | |
| Urban | 4.1 | 7.3 | 73.4 | 12.2 | 2.9 | 0.12 | 40,676 |
| Rural | 4.7 | 11.9 | 45.4 | 35.4 | 2.7 | 0.02 | 30,776 |
| Economic Status | | | | | | | |
| Lowest | 4.9 | 9.3 | 39.1 | 43.6 | 3.1 | 0.01 | 11,715 |
| Lower middle | 3.5 | 10.5 | 52.5 | 31.3 | 2.3 | 0.02 | 13,686 |
| Middle | 3.8 | 9.5 | 63.1 | 21.1 | 2.4 | 0.01 | 14,736 |
| Upper middle | 4.5 | 9.0 | 69.2 | 14.5 | 2.7 | 0.07 | 16,437 |
| Highest | 5.0 | 8.1 | 76.4 | 6.7 | 3.5 | 0.27 | 14,864 |

9. Proportion of using antibiotics without a doctor's prescription to treat symptoms of certain diseases (diarrhea/fever/skin infection/sore throat/aches/cough/headache/cold)

The proportion of using antibiotics without a doctor's prescription to treat symptoms of certain diseases is the total household members aged ≥15 years old who use antibiotics without a doctor's prescription to treat symptoms of certain diseases (diarrhea/fever/skin infection/sore throat/aches/cough/headache/cold) compared to the total household members aged ≥15 years old within the last 1 year.

The sample was respondents who had used antibiotics within the last 1 year and were then asked question F06d about their history of purchasing antibiotics without a doctor's prescription to treat certain diseases in the last 1 year.

Proportion of using antibiotics without a doctor's prescription to treat symptoms =

$$\frac{\text{Total household members aged } \geq 15 \text{ years old who use antibiotics without a doctor's Prescription to treat symptoms}}{\text{Total household members aged } \geq 15 \text{ years old}} \times 100\%$$

Table 10. 11 Proportion of using antibiotics without a doctor's prescription to treat certain symptoms within the last 1 year by Province, 2023 SKI

| Province | Purchasing antibiotics without a doctor's prescription to treat certain symptoms within the last 1 year | | Weighted N |
|------------------------|---|------------------|----------------|
| | % | CI 95% | |
| Aceh | 20.0 | 18.6-21.5 | 6,461 |
| North Sumatra | 19.8 | 18.4-21.2 | 20,273 |
| West Sumatra | 17.1 | 16.0-18.4 | 9,049 |
| Riau | 12.3 | 10.9-13.9 | 9,394 |
| Jambi | 17.6 | 15.6-19.7 | 4,337 |
| South Sumatra | 23.2 | 21.5-24.9 | 11,821 |
| Bengkulu | 24.5 | 22.3-26.8 | 3,163 |
| Lampung | 16.6 | 15.3-18.1 | 12,503 |
| Bangka Belitung Island | 16.1 | 14.5-17.8 | 2,765 |
| Riau Islands | 8.1 | 6.6-9.9 | 4,209 |
| DKI Jakarta | 15.5 | 14.2-17.0 | 21,872 |
| West Java | 18.2 | 17.5-19.0 | 91,264 |
| Central Java | 11.5 | 10.8-12.1 | 56,668 |
| DI Yogyakarta | 4.0 | 3.4-4.8 | 7,384 |
| East Java | 21.3 | 20.4-22.2 | 59,199 |
| Banten | 10.9 | 9.8-12.2 | 20,417 |
| Bali | 8.1 | 7.2-9.1 | 8,105 |
| West Nusa Tenggara | 28.7 | 26.9-30.5 | 8,905 |
| East Nusa Tenggara | 34.7 | 33.3-36.2 | 9,888 |
| West Kalimantan | 8.3 | 7.4-9.4 | 8,873 |
| Central Kalimantan | 33.3 | 30.8-35.9 | 4,328 |
| South Kalimantan | 33.8 | 31.8-35.9 | 7,041 |
| East Kalimantan | 18.9 | 17.1-20.8 | 7,619 |
| North Kalimantan | 16.0 | 13.8-18.6 | 1,224 |
| North Sulawesi | 41.2 | 39.1-43.3 | 5,261 |
| Central Sulawesi | 43.7 | 41.9-45.6 | 5,193 |
| South Sulawesi | 35.5 | 34.2-36.8 | 15,537 |
| South East Sulawesi | 32.0 | 30.2-33.8 | 4,322 |
| Gorontalo | 39.3 | 36.5-42.2 | 2,234 |
| West Sulawesi | 21.7 | 19.6-24.0 | 2,208 |
| Maluku | 34.4 | 32.0-36.8 | 3,601 |
| North Maluku | 48.7 | 46.1-51.2 | 2,244 |
| West Papua | 25.4 | 21.5-29.7 | 928 |
| Southwest Papua | 28.6 | 25.3-32.2 | 1,174 |
| Papua | 23.7 | 20.8-26.8 | 1,824 |
| South Papua | 15.4 | 12.5-18.8 | 783 |
| Central Papua | 23.4 | 15.2-34.2 | 2,260 |
| Highland Papua | 9.8 | 7.7-12.3 | 2,315 |
| INDONESIA | 19.4 | 19.1-19.7 | 446,645 |

Table 10. 12 Proportion of using antibiotics without a doctor's prescription to treat certain symptoms within the last 1 year by Characteristic, 2023 SKI

| Characteristic | Purchasing antibiotics without a doctor's prescription to treat certain symptoms within the last 1 year | | Weighted N |
|--|---|-----------|------------|
| | % | CI 95% | |
| Age Range (Year) | | | |
| 15-24 | 16.5 | 16.0-17.1 | 86,271 |
| 25-34 | 20.5 | 20.0-21.0 | 102,344 |
| 35-44 | 21.6 | 21.1-22.1 | 95,023 |
| 45-54 | 20.7 | 20.2-21.2 | 78,647 |
| 55-64 | 17.9 | 17.4-18.5 | 52,414 |
| 65-74 | 16.6 | 15.9-17.4 | 24,992 |
| 75+ | 13.8 | 12.6-15.2 | 6,954 |
| Sex | | | |
| Male | 18.9 | 18.5-19.2 | 219,096 |
| Female | 19.9 | 19.6-20.2 | 227,549 |
| Education | | | |
| Never attended school | 17.4 | 16.4-18.4 | 14,014 |
| Some primary school/Islamic primary school | 19.4 | 18.6-20.3 | 23,661 |
| Primary school/Islamic primary school graduate | 19.2 | 18.7-19.7 | 98,763 |
| Junior secondary school/Islamic junior secondary school graduate | 18.9 | 18.4-19.3 | 93,730 |
| Senior secondary school/Islamic senior secondary school graduate | 19.6 | 19.1-20.0 | 162,789 |
| D1/D2/D3/university graduate | 20.5 | 19.9-21.1 | 53,688 |
| Occupation | | | |
| Unemployed | 19.6 | 19.2-20.0 | 135,230 |
| Student | 15.2 | 14.5-15.9 | 35,206 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 22.7 | 21.8-23.6 | 17,362 |
| Private employee | 17.4 | 16.7-18.1 | 60,132 |
| Self-employed | 19.7 | 19.2-20.3 | 70,144 |
| Farmer/farm worker | 20.9 | 20.2-21.5 | 59,329 |
| Fisher | 26.1 | 23.7-28.7 | 3352 |
| Labor/driver/domestic help | 17.8 | 17.0-18.6 | 37,350 |
| Others | 23.0 | 22.3-23.8 | 28,541 |
| Residence | | | |
| Urban | 18.5 | 18.2-18.9 | 282,057 |
| Rural | 20.9 | 20.4-21.4 | 164,588 |
| Economic Status | | | |
| Lowest | 21.7 | 21.0-22.4 | 55,268 |
| Lower middle | 20.6 | 20.1-21.2 | 72,995 |
| Middle | 19.3 | 18.8-19.8 | 89,552 |
| Upper middle | 19.1 | 18.6-19.7 | 108,258 |
| Highest | 17.8 | 17.4-18.3 | 120,531 |

10. Proportion of Respondents' Knowledge to Type of Knowledge About Antibiotics

The proportion of respondents' knowledge to type of knowledge about antibiotics is the total household members aged ≥ 15 years old who answered correctly according to statements about antibiotics compared to the total household members aged ≥ 15 years old within the last 1 year.

Samples were those who had and had not used antibiotics within the last 1 year who were then asked question F07 about knowledge of how to use antibiotics.

The statements regarding antibiotics that were asked were:

- a. **Antibiotics must be finished.** It is the household members' knowledge where the antibiotics obtained by the household members are taken according to the doctor's instructions (spent) though they no longer have any symptoms of the disease.
- b. **Antibiotics taken according to instruction.** It is the household members' knowledge that the antibiotics obtained by the household members are taken according to the instructions for use.
- c. **Antibiotics may be purchased without a doctor's prescription.** It is the household members' knowledge that antibiotics must be purchased/obtained based on a doctor's prescription given to the household members
- d. **The remaining antibiotics can be reused for themselves or others.** It is the household members' knowledge that the remaining antibiotics that have been used for treatment are not to be reused either for themselves nor others.
- e. **If not used accordingly, germs become resistant.** It is the household members' knowledge that using antibiotics while not comply with the instruction for use will cause germs to become resistant.
- f. **Antibiotics are only used for bacterial infections.** It is the household members' knowledge that antibiotics are drugs to kill or inhibit the growth of bacteria. Antibiotics cannot kill viruses or other microbes (fungi, parasites, protozoa).

The proportion of respondents' knowledge to type of knowledge about antibiotics =

Total household members aged ≥ 15 years old who answered correctly according to

Statements about Antibiotics

$$\frac{\text{Total household members aged } \geq 15 \text{ years old who take antibiotics orally within the last 1 year}}{\text{Total household members aged } \geq 15 \text{ years old who take antibiotics orally within the last 1 year}} \times 100\%$$

Table 10. 13 Proportion of Antibiotic Usage Knowledge by Province, 2023 SKI

| Province | Antibiotic Usage Knowledge *** | | | | | | |
|------------------------|----------------------------------|--|--|--|---|--|----------------|
| | Antibiotics must be finished (%) | Antibiotics taken according to instruction (%) | Antibiotics may not be purchased without a doctor's prescription (%) | The remaining antibiotics cannot be reused (%) | If not used accordingly, germs become resistant (%) | Antibiotics are only used for bacterial infections (%) | Weighted N |
| Aceh | 69.8 | 65.0 | 53.1 | 61.0 | 18.7 | 22.2 | 6461 |
| North Sumatra | 61.1 | 69.4 | 50.7 | 62.6 | 16.1 | 19.4 | 20,273 |
| West Sumatra | 73.3 | 70.6 | 49.3 | 60.9 | 23.0 | 25.9 | 9,049 |
| Riau | 74.7 | 71.8 | 47.9 | 61.0 | 20.7 | 21.2 | 9,394 |
| Jambi | 79.2 | 74.2 | 44.0 | 60.1 | 19.8 | 21.1 | 4,337 |
| South Sumatra | 70.3 | 65.7 | 48.3 | 59.0 | 20.6 | 21.6 | 11,821 |
| Bengkulu | 68.0 | 65.8 | 46.6 | 61.9 | 16.3 | 19.7 | 3,163 |
| Lampung | 65.2 | 61.4 | 47.4 | 55.5 | 20.1 | 21.4 | 12,503 |
| Bangka Belitung Island | 74.2 | 74.0 | 43.6 | 58.0 | 18.7 | 22.1 | 2,765 |
| Riau Islands | 83.8 | 76.3 | 52.8 | 66.2 | 24.5 | 28.5 | 4,209 |
| DKI Jakarta | 83.1 | 81.3 | 48.7 | 62.1 | 33.8 | 34.1 | 21,872 |
| West Java | 74.1 | 76.7 | 48.7 | 56.5 | 35.4 | 38.0 | 91,264 |
| Central Java | 65.5 | 69.6 | 48.0 | 55.5 | 31.2 | 32.1 | 56,668 |
| DI Yogyakarta | 77.2 | 81.7 | 61.1 | 66.6 | 48.8 | 45.6 | 7,384 |
| East Java | 58.9 | 64.5 | 41.5 | 50.4 | 26.6 | 28.3 | 59,199 |
| Banten | 80.0 | 74.7 | 47.2 | 57.2 | 27.3 | 27.6 | 20,417 |
| Bali | 81.1 | 75.5 | 52.9 | 56.1 | 26.4 | 24.5 | 8,105 |
| West Nusa Tenggara | 51.9 | 61.7 | 37.6 | 47.0 | 19.2 | 21.4 | 8,905 |
| East Nusa Tenggara | 61.7 | 67.8 | 45.3 | 52.1 | 20.4 | 24.5 | 9,888 |
| West Kalimantan | 75.8 | 66.7 | 56.7 | 59.7 | 20.2 | 24.7 | 8,873 |
| Central Kalimantan | 56.2 | 49.6 | 39.8 | 48.7 | 15.9 | 18.7 | 4,328 |
| South Kalimantan | 55.7 | 53.0 | 36.7 | 43.3 | 19.3 | 22.4 | 7,041 |
| East Kalimantan | 74.8 | 76.8 | 52.7 | 59.9 | 33.6 | 35.2 | 7,619 |
| North Kalimantan | 75.7 | 65.7 | 52.0 | 63.8 | 18.7 | 23.6 | 1,224 |
| North Sulawesi | 63.9 | 59.7 | 41.8 | 53.6 | 16.4 | 21.4 | 5,261 |
| Central Sulawesi | 47.6 | 53.6 | 37.0 | 46.7 | 14.6 | 18.3 | 5,193 |
| South Sulawesi | 51.5 | 56.7 | 40.8 | 53.1 | 15.7 | 19.4 | 15,537 |
| South East Sulawesi | 54.0 | 59.8 | 45.3 | 53.6 | 16.8 | 18.2 | 4,322 |
| Gorontalo | 52.7 | 53.0 | 39.0 | 49.4 | 12.1 | 17.1 | 2,234 |
| West Sulawesi | 45.2 | 46.5 | 51.0 | 56.5 | 15.2 | 16.0 | 2,208 |
| Maluku | 56.8 | 57.0 | 46.0 | 50.4 | 16.4 | 21.6 | 3,601 |
| North Maluku | 49.7 | 52.2 | 41.8 | 54.4 | 11.7 | 15.0 | 2,244 |
| West Papua | 68.6 | 69.7 | 49.9 | 51.8 | 18.8 | 23.1 | 928 |
| Southwest Papua | 61.3 | 65.6 | 57.2 | 62.8 | 20.4 | 25.3 | 1,174 |
| Papua | 71.2 | 67.1 | 52.0 | 52.3 | 31.1 | 35.0 | 1,824 |
| South Papua | 54.8 | 50.6 | 47.1 | 53.9 | 7.7 | 11.6 | 783 |
| Central Papua | 63.3 | 58.5 | 52.0 | 48.4 | 24.2 | 27.1 | 2,260 |
| Highland Papua | 57.4 | 53.3 | 57.8 | 61.0 | 25.8 | 25.0 | 2,315 |
| INDONESIA | 67.7 | 69.2 | 47.1 | 55.9 | 26.8 | 28.7 | 446,645 |

*** : may be more than one answer choice

Table 10.14 Proportion of Antibiotic Usage Knowledge by Characteristic, 2023 SKI

| Characteristic | Antibiotic Usage Knowledge * | | | | | | Weighted N |
|--|----------------------------------|--|--|--|---|--|------------|
| | Antibiotics must be finished (%) | Antibiotics taken according to instruction (%) | Antibiotics may not be purchased without a doctor's prescription (%) | The remaining antibiotics cannot be reused (%) | If not used accordingly, germs become resistant (%) | Antibiotics are only used for bacterial infections (%) | |
| Age Range (Year) | | | | | | | |
| 15-24 | 64.5 | 68.7 | 47.3 | 53.4 | 24.6 | 27.0 | 86,271 |
| 25-34 | 71.6 | 73.4 | 49.2 | 58.6 | 30.3 | 32.7 | 102,344 |
| 35-44 | 71.7 | 72.7 | 48.2 | 57.9 | 29.8 | 31.7 | 95,023 |
| 45-54 | 68.3 | 69.2 | 46.6 | 56.8 | 27.0 | 28.5 | 78,647 |
| 55-64 | 63.8 | 63.9 | 44.8 | 54.6 | 22.9 | 24.7 | 52,414 |
| 65-74 | 58.5 | 57.7 | 42.0 | 49.5 | 19.2 | 20.3 | 24,992 |
| 75+ | 51.4 | 48.6 | 40.1 | 44.7 | 14.3 | 16.0 | 6,954 |
| Sex | | | | | | | |
| Male | 65.1 | 67.5 | 45.7 | 55.0 | 24.7 | 27.1 | 219,096 |
| Female | 70.2 | 70.9 | 48.4 | 56.8 | 28.8 | 30.3 | 227,549 |
| Education | | | | | | | |
| Never attended school | 47.5 | 46.7 | 42.0 | 47.5 | 13.4 | 15.3 | 14,014 |
| Some primary school/Islamic primary school | 54.8 | 56.0 | 42.5 | 50.3 | 16.7 | 19.2 | 23,661 |
| Primary school/Islamic primary school graduate | 58.1 | 59.3 | 43.1 | 50.5 | 18.5 | 21.1 | 98,763 |
| Junior secondary school/Islamic junior secondary school graduate | 64.9 | 67.9 | 46.1 | 54.8 | 23.5 | 26.3 | 93,730 |
| Senior secondary school/Islamic senior secondary school graduate | 73.3 | 74.9 | 49.5 | 58.9 | 30.1 | 32.2 | 162,789 |
| D1/D2/D3/university graduate | 84.3 | 84.2 | 52.0 | 63.5 | 45.7 | 44.5 | 53,688 |
| Occupation | | | | | | | |
| Unemployed | 68.6 | 69.2 | 48.1 | 56.8 | 26.6 | 28.7 | 135,230 |
| Student | 65.9 | 69.9 | 47.6 | 52.8 | 25.4 | 26.9 | 35,206 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 83.9 | 83.5 | 50.3 | 62.4 | 44.3 | 44.2 | 17,362 |
| Private employee | 79.2 | 79.7 | 50.2 | 60.8 | 36.0 | 37.0 | 60,132 |
| Self-employed | 68.1 | 71.0 | 46.3 | 56.7 | 27.3 | 29.6 | 70,144 |
| Farmer/farm worker | 52.6 | 54.1 | 42.5 | 49.3 | 15.0 | 16.9 | 59,329 |
| Fisher | 56.2 | 57.3 | 43.2 | 49.0 | 13.7 | 17.1 | 3,352 |
| Labor/driver/domestic help | 63.3 | 65.9 | 44.6 | 53.8 | 23.6 | 27.0 | 37,350 |
| Others | 69.3 | 70.6 | 47.9 | 56.7 | 28.1 | 30.4 | 28,541 |
| Residence | | | | | | | |
| Urban | 72.3 | 73.7 | 48.2 | 57.8 | 31.0 | 32.7 | 282,057 |
| Rural | 59.8 | 61.5 | 45.2 | 52.7 | 19.6 | 21.9 | 164,588 |
| Economic Status | | | | | | | |
| Lowest | 51.3 | 53.2 | 42.7 | 48.3 | 15.5 | 17.9 | 55,268 |
| Lower middle | 58.0 | 60.5 | 44.1 | 52.2 | 19.4 | 22.0 | 72,995 |
| Middle | 64.2 | 66.2 | 46.4 | 54.7 | 22.7 | 25.6 | 89,552 |
| Upper middle | 70.2 | 72.5 | 47.2 | 56.5 | 27.3 | 29.5 | 108,258 |
| Highest | 81.4 | 81.2 | 51.3 | 62.0 | 39.0 | 39.5 | 120,531 |

*** : may be more than one answer choice

11. Proportion of Damaged Medicine Characteristics Knowledge in Tablets, Syrup, Ointment/Cream, Packaging, Powder, Capsules

The proportion of damaged medicine characteristics knowledge is the total household members aged ≥15 years old who know the characteristics of damaged medicines according to the type of knowledge compared to the total household members aged ≥15 years old.

Data was obtained from question F08 regarding the characteristics of damaged medicine in tablets, syrups, ointments/creams, powders, capsules.

The characteristics of damaged medicine referred to in this context are:

- a. The medicine breaks, cracks, has holes, becomes powder, Self-explanatory
- b. There is a change in color, smell, taste, Self-explanatory
- c. The container/packaging is damaged, Self-explanatory
- d. Liquid/ointment/cream becomes murky, thickens, settles, separates, hardens, stained, spotted, gas appear, Self-explanatory
- e. Capsules/powders/tablets: moist, mushy, wet, sticky, Self-explanatory
- f. Illegible/torn label

Labels are stickers or markers for medicines given by health facilities, whether in doctor's practices, clinics, health centers or hospitals, which are usually affixed to the front of medicine packaging, which is useful for providing information about the use of medicines to users.

- g. Expired medicine is medicine that has passed the expiry date stated on the packaging, which indicates that the medicine is no longer suitable for consumption/use.

Prevalence of respondents knowing the characteristics of damaged drugs =

$$\frac{\text{Total household members aged } \geq 15 \text{ years old who know the characteristics of damaged medicines according to the type of knowledge}}{\text{Total household members aged } \geq 15 \text{ years old}} \times 100\%$$

Table 10. 15 Proportion of Damaged Medicine Characteristics Knowledge in Tablets, Syrup, Ointment/Cream, Packaging, Powder, Capsules by Province, 2023 SKI

| Province | Damaged Medicine Characteristics Knowledge *** | | | | | | Weighted N | |
|------------------------|--|--|---|--|---|---------------------------------|----------------------------|----------------|
| | Medicine breaks, cracks, has holes (%) | Change in color, smell, taste (%) | Container/ packaging is damaged (%) | Liquid/ ointment/ cream becomes murky (%) | Capsules/ powders/ tablets is moist, mushy (%) | Illegible/ torn label (%) | Expired medicine (%) | |
| Aceh | 47.0 | 45.2 | 45.6 | 22.1 | 28.5 | 20.4 | 74.8 | 11,581 |
| North Sumatra | 41.8 | 40.6 | 44.2 | 22.6 | 28.1 | 19.1 | 77.6 | 32,896 |
| West Sumatra | 37.4 | 39.6 | 40.7 | 18.2 | 21.6 | 16.6 | 74.2 | 12,643 |
| Riau | 44.6 | 43.8 | 48.0 | 24.1 | 28.3 | 20.9 | 77.1 | 14,069 |
| Jambi | 49.5 | 48.2 | 57.4 | 27.7 | 31.6 | 28.6 | 80.3 | 7,698 |
| South Sumatra | 35.0 | 34.5 | 41.8 | 16.3 | 19.6 | 16.6 | 80.0 | 18,842 |
| Bengkulu | 39.7 | 36.1 | 44.4 | 17.1 | 20.1 | 18.5 | 79.9 | 4,586 |
| Lampung | 30.6 | 31.7 | 40.7 | 15.6 | 19.6 | 14.8 | 73.8 | 20,152 |
| Bangka Belitung Island | 45.7 | 46.5 | 52.0 | 22.0 | 24.0 | 19.6 | 82.1 | 3,374 |
| Riau Islands | 31.2 | 39.8 | 46.0 | 12.9 | 12.7 | 13.7 | 81.4 | 4,672 |
| DKI Jakarta | 26.9 | 38.1 | 41.8 | 10.8 | 16.4 | 12.3 | 75.4 | 24,220 |
| West Java | 29.7 | 36.6 | 44.9 | 13.5 | 20.3 | 13.8 | 67.7 | 110,887 |
| Central Java | 27.8 | 33.2 | 40.6 | 12.7 | 16.9 | 11.1 | 68.5 | 84,383 |
| DI Yogyakarta | 21.6 | 40.9 | 43.5 | 10.7 | 16.6 | 8.2 | 70.8 | 8,611 |
| East Java | 26.5 | 29.3 | 38.8 | 13.1 | 17.3 | 13.1 | 74.8 | 95,648 |
| Banten | 28.5 | 33.0 | 41.6 | 13.2 | 16.4 | 12.4 | 75.8 | 26,985 |
| Bali | 34.4 | 39.0 | 41.0 | 17.1 | 18.7 | 15.4 | 78.4 | 10,159 |
| West Nusa Tenggara | 23.9 | 30.7 | 29.7 | 13.0 | 14.2 | 11.6 | 71.0 | 11,692 |
| East Nusa Tenggara | 41.0 | 40.8 | 37.7 | 19.6 | 23.2 | 18.7 | 66.0 | 11,447 |
| West Kalimantan | 42.5 | 37.6 | 46.3 | 21.5 | 29.1 | 19.3 | 78.3 | 12,214 |
| Central Kalimantan | 45.1 | 42.5 | 51.9 | 27.3 | 32.1 | 24.6 | 75.9 | 6,011 |
| South Kalimantan | 34.8 | 32.8 | 44.5 | 18.1 | 23.7 | 16.9 | 79.9 | 9,113 |
| East Kalimantan | 31.2 | 36.7 | 38.2 | 13.6 | 19.3 | 12.2 | 75.9 | 8,665 |
| North Kalimantan | 39.1 | 39.6 | 38.9 | 20.9 | 27.1 | 16.9 | 82.2 | 1,616 |
| North Sulawesi | 41.1 | 39.6 | 43.7 | 22.5 | 29.6 | 21.1 | 83.4 | 6,047 |
| Central Sulawesi | 28.3 | 28.1 | 32.7 | 13.2 | 16.6 | 11.3 | 76.5 | 6,657 |
| South Sulawesi | 32.5 | 34.3 | 35.5 | 14.0 | 18.6 | 13.8 | 75.1 | 20,592 |
| South East Sulawesi | 31.7 | 33.1 | 39.5 | 18.3 | 22.1 | 17.8 | 78.8 | 5,743 |
| Gorontalo | 25.4 | 26.7 | 35.4 | 9.2 | 13.8 | 11.5 | 80.0 | 2,704 |
| West Sulawesi | 30.2 | 33.2 | 35.5 | 13.5 | 18.4 | 11.7 | 71.0 | 3,093 |
| Maluku | 34.5 | 32.6 | 37.1 | 16.1 | 22.1 | 13.1 | 78.0 | 4,169 |
| North Maluku | 37.5 | 42.5 | 42.3 | 23.8 | 25.3 | 19.6 | 77.5 | 2,830 |
| West Papua | 51.0 | 50.5 | 52.5 | 33.3 | 38.2 | 26.4 | 79.6 | 1,192 |
| Southwest Papua | 38.8 | 37.2 | 38.6 | 15.7 | 25.1 | 17.8 | 74.3 | 1,334 |
| Papua | 45.7 | 44.6 | 46.4 | 30.7 | 37.2 | 28.0 | 77.9 | 2,026 |
| South Papua | 44.4 | 37.1 | 46.3 | 18.7 | 27.8 | 13.8 | 59.6 | 966 |
| Central Papua | 58.6 | 57.0 | 63.8 | 46.3 | 50.3 | 43.4 | 68.7 | 3,206 |
| Highland Papua | 49.7 | 43.6 | 45.5 | 36.3 | 39.5 | 31.9 | 58.5 | 3,386 |
| INDONESIA | 32.1 | 35.5 | 41.9 | 15.7 | 20.5 | 14.9 | 73.3 | 616,110 |

*** : may be more than one answer choice

Table 10. 16 Proportion of Damaged Medicine Characteristics Knowledge in Tablets, Syrup, Ointment/Cream, Packaging, Powder, Capsules by Characteristic, SKI 2023

| Characteristic | Damaged Medicine Characteristics Knowledge *** | | | | | | | Weighted N |
|--|--|-----------------------------------|-------------------------------------|---|--|---------------------------|----------------------|------------|
| | Medicine breaks, cracks, has holes (%) | Change in color, smell, taste (%) | Container/ packaging is damaged (%) | Liquid/ ointment/ cream becomes murky (%) | Capsules/ powders/ tablets is moist, mushy (%) | Illegible/ torn label (%) | Expired medicine (%) | |
| Age Range (Year) | | | | | | | | |
| 15-24 | 32.7 | 35.5 | 42.5 | 15.3 | 19.8 | 15.0 | 73.8 | 118,908 |
| 25-34 | 35.7 | 40.2 | 46.3 | 18.0 | 23.1 | 16.7 | 75.3 | 132,876 |
| 35-44 | 34.1 | 39.2 | 45.3 | 17.2 | 22.2 | 16.1 | 75.9 | 125,103 |
| 45-54 | 31.8 | 35.2 | 41.4 | 15.5 | 20.7 | 14.9 | 74.4 | 107,906 |
| 55-64 | 28.2 | 30.5 | 36.6 | 13.2 | 17.8 | 12.6 | 70.0 | 77,205 |
| 65-74 | 24.4 | 25.1 | 31.8 | 11.5 | 15.1 | 10.8 | 64.5 | 41,076 |
| 75+ | 20.8 | 19.7 | 28.4 | 9.5 | 13.4 | 9.5 | 58.5 | 13,036 |
| Sex | | | | | | | | |
| Male | 32.3 | 33.9 | 41.9 | 15.1 | 19.4 | 14.8 | 74.6 | 308,934 |
| Female | 31.9 | 37.2 | 42.0 | 16.3 | 21.5 | 14.9 | 71.9 | 307,176 |
| Education | | | | | | | | |
| Never attended school | 26.2 | 25.0 | 32.9 | 13.4 | 17.6 | 12.7 | 59.0 | 25,423 |
| Some primary school/Islamic primary school | 28.4 | 27.5 | 34.9 | 13.6 | 17.5 | 12.8 | 65.4 | 38,606 |
| Primary school/Islamic primary school graduate | 27.7 | 27.5 | 35.6 | 12.5 | 17.3 | 12.1 | 68.4 | 154,841 |
| Junior secondary school/Islamic junior secondary school graduate | 31.3 | 34.5 | 41.3 | 14.8 | 19.4 | 14.1 | 73.9 | 131,126 |
| Senior secondary school/Islamic senior secondary school graduate | 34.4 | 39.9 | 45.9 | 16.7 | 21.7 | 15.9 | 77.1 | 205,234 |
| D1/D2/D3/university graduate | 42.3 | 53.0 | 54.2 | 24.6 | 29.6 | 22.3 | 82.4 | 60,881 |
| Occupation | | | | | | | | |
| Unemployed | 30.8 | 35.5 | 40.1 | 15.0 | 20.3 | 13.7 | 70.8 | 182,721 |
| Student | 31.8 | 35.6 | 41.9 | 15.0 | 19.5 | 14.8 | 74.8 | 48,660 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 47.4 | 55.4 | 56.3 | 28.0 | 32.6 | 24.7 | 83.5 | 19,767 |
| Private employee | 34.8 | 41.5 | 48.9 | 16.9 | 22.1 | 16.7 | 78.5 | 72,209 |
| Self-employed | 33.9 | 36.8 | 44.5 | 16.8 | 21.6 | 16.2 | 76.5 | 96,927 |
| Farmer/farm worker | 29.3 | 28.1 | 36.2 | 14.0 | 17.9 | 13.4 | 67.9 | 101,705 |
| Fisher | 31.4 | 29.3 | 36.2 | 13.8 | 16.8 | 11.8 | 74.2 | 5,077 |
| Labor/driver/domestic help | 27.3 | 30.0 | 38.8 | 11.5 | 16.3 | 11.5 | 71.5 | 51,190 |
| Others | 35.1 | 39.3 | 43.9 | 18.6 | 23.2 | 17.5 | 75.9 | 37,854 |
| Residence | | | | | | | | |
| Urban | 31.4 | 37.3 | 43.2 | 15.3 | 20.3 | 14.6 | 74.3 | 361,468 |
| Rural | 33.1 | 33.1 | 40.2 | 16.2 | 20.7 | 15.2 | 71.7 | 254,642 |
| Economic Status | | | | | | | | |
| Lowest | 28.8 | 27.5 | 34.4 | 13.8 | 18.0 | 13.1 | 65.4 | 89,393 |
| Lower middle | 29.6 | 30.4 | 38.1 | 13.6 | 18.4 | 13.0 | 70.8 | 112,171 |
| Middle | 31.4 | 33.4 | 40.5 | 14.4 | 19.4 | 13.8 | 72.8 | 130,026 |
| Upper middle | 32.3 | 37.0 | 44.0 | 16.0 | 20.7 | 15.0 | 74.7 | 142,841 |
| Highest | 36.6 | 45.2 | 49.0 | 19.4 | 24.4 | 18.3 | 79.1 | 141,632 |

*** : may be more than one answer choice

12. Proportion of behavior towards medicines that can no longer be used, are damaged or have expired

The proportion of behavior towards medicines that can no longer be used, are damaged or expired is the total household members aged ≥ 15 years old according to the type of behavior towards medicines that can no longer be used compared to the total household members aged ≥ 15 years old in the last 1 year.

Data was obtained from question F09 regarding household members behavior towards drugs that can no longer be used, are damaged, or have expired.

The behavior towards drugs that cannot be used anymore in the context of SKI is:

- a. Separating the medicine from the packaging before throwing it away means that the household members first removes the medicine from the packaging before throwing it away.
- b. Destroying medicine first before throwing it away means that the household members damaging and destroying the medicine first before throwing it in the trash
- c. Medicine remains stored means that the household members do not throw away damaged medicines, medicines that can no longer be used, or have expired.
- d. Throwing medicine directly into the trash means that the household members directly throw medicine that can no longer be used, damaged or expired medicine directly into the trash or into a plastic bag and throws it away without any particular treatment such as destroying and separating the medicine from its packaging.
- e. Burned/buried means medicines that have expired are burned or buried with or without prior treatment.
- f. Entrusted to a pharmacy/3rd party means that the household members brings damaged medicine to be disposed of through a pharmacy or other party that facilitates it

Proportion of Respondents behavior towards medicines that can no longer be used, are damaged or have expired =

Total household members aged ≥ 15 years old according to the
type of behavior towards

$$\frac{\text{Medicines that can no longer be used}}{\text{Total household members aged } \geq 15 \text{ years old}} \times 100\%$$

Table 10. 17 Proportion of Behavior towards Medicines that Can No Longer be Used, are Damaged or Have Expired by Province, 2023 SKI

| Province | Behavior towards medicines that can no longer be used* | | | | | | Weighted N |
|------------------------|--|-----------------------------|--------------------------------|--------------------|--|-----------------------------|----------------|
| | Separating the medicine (%) | Destroying the medicine (%) | Throwing medicine directly (%) | Burned/ buried (%) | Entrusted to a pharmacy/ 3rd party (%) | Medicine remains stored (%) | |
| Aceh | 10.4 | 4.9 | 85.7 | 22.8 | 2.4 | 12.4 | 11,581 |
| North Sumatra | 10.6 | 5.0 | 87.9 | 15.3 | 1.8 | 9.3 | 32,896 |
| West Sumatra | 9.4 | 4.7 | 86.2 | 11.7 | 1.8 | 11.5 | 12,643 |
| Riau | 13.9 | 5.7 | 87.6 | 17.7 | 2.2 | 10.8 | 14,069 |
| Jambi | 17.0 | 9.1 | 86.1 | 20.6 | 2.0 | 11.7 | 7,698 |
| South Sumatra | 7.8 | 3.6 | 89.8 | 11.6 | 1.4 | 6.6 | 18,842 |
| Bengkulu | 11.4 | 5.8 | 89.4 | 16.6 | 2.0 | 6.6 | 4,586 |
| Lampung | 9.1 | 5.2 | 85.4 | 20.0 | 2.5 | 10.9 | 20,152 |
| Bangka Belitung Island | 14.1 | 6.7 | 92.1 | 9.6 | 2.1 | 6.5 | 3,374 |
| Riau Islands | 10.4 | 3.0 | 88.4 | 5.4 | 0.9 | 4.1 | 4,672 |
| DKI Jakarta | 10.9 | 10.8 | 85.1 | 2.2 | 1.3 | 6.9 | 24,220 |
| West Java | 7.5 | 5.7 | 87.0 | 10.1 | 1.3 | 6.7 | 110,887 |
| Central Java | 5.4 | 3.3 | 86.1 | 15.6 | 1.1 | 6.8 | 84,383 |
| DI Yogyakarta | 7.5 | 6.0 | 73.5 | 28.1 | 1.3 | 5.1 | 8,611 |
| East Java | 6.8 | 4.4 | 87.2 | 15.6 | 1.3 | 6.6 | 95,648 |
| Banten | 9.7 | 5.5 | 88.1 | 9.2 | 1.1 | 6.6 | 26,985 |
| Bali | 9.3 | 2.4 | 90.6 | 6.1 | 1.3 | 6.7 | 10,159 |
| West Nusa Tenggara | 5.5 | 2.6 | 85.6 | 10.7 | 1.4 | 10.9 | 11,692 |
| East Nusa Tenggara | 10.5 | 7.0 | 82.1 | 18.8 | 2.7 | 15.8 | 11,447 |
| West Kalimantan | 12.3 | 4.0 | 89.4 | 16.5 | 1.3 | 6.2 | 12,214 |
| Central Kalimantan | 15.5 | 6.4 | 87.1 | 21.5 | 2.5 | 8.6 | 6,011 |
| South Kalimantan | 6.6 | 3.5 | 90.1 | 11.3 | 1.6 | 5.9 | 9,113 |
| East Kalimantan | 8.9 | 5.3 | 86.8 | 13.7 | 1.6 | 6.5 | 8,665 |
| North Kalimantan | 10.1 | 4.3 | 92.0 | 8.5 | 1.5 | 3.9 | 1,616 |
| North Sulawesi | 10.4 | 4.2 | 88.5 | 12.2 | 1.3 | 8.7 | 6,047 |
| Central Sulawesi | 9.7 | 3.8 | 87.2 | 10.7 | 1.5 | 9.8 | 6,657 |
| South Sulawesi | 8.2 | 4.4 | 88.8 | 9.8 | 2.1 | 10.3 | 20,592 |
| South East Sulawesi | 13.0 | 6.2 | 86.5 | 13.2 | 3.4 | 11.8 | 5,743 |
| Gorontalo | 7.4 | 3.0 | 86.8 | 11.0 | 1.5 | 11.3 | 2,704 |
| West Sulawesi | 11.5 | 3.7 | 88.5 | 10.4 | 2.2 | 8.9 | 3,093 |
| Maluku | 10.1 | 5.1 | 90.2 | 10.0 | 1.9 | 8.6 | 4,169 |
| North Maluku | 11.1 | 5.5 | 84.2 | 11.4 | 3.0 | 13.3 | 2,830 |
| West Papua | 11.7 | 4.8 | 85.3 | 17.4 | 1.8 | 11.6 | 1,192 |
| Southwest Papua | 12.3 | 3.5 | 88.6 | 17.2 | 1.7 | 8.0 | 1,334 |
| Papua | 18.0 | 7.8 | 86.2 | 16.6 | 2.8 | 12.9 | 2,026 |
| South Papua | 9.3 | 5.6 | 76.8 | 20.6 | 2.9 | 21.7 | 966 |
| Central Papua | 29.1 | 21.6 | 70.8 | 36.4 | 7.3 | 39.0 | 3,206 |
| Highland Papua | 20.0 | 13.6 | 53.3 | 48.9 | 6.4 | 34.6 | 3,386 |
| INDONESIA | 8.6 | 5.1 | 86.6 | 13.7 | 1.6 | 8.2 | 616,110 |

*** : may be more than one answer choice

Table 10. 18 Proportion of Behavior towards Medicines that Can No Longer be Used, are Damaged or Have Expired by Characteristic, 2023 SKI

| Characteristic | Behavior towards medicines that can no longer be used *** | | | | | | Weighted N |
|--|---|-----------------------------|--------------------------------|-------------------|---------------------------------------|-----------------------------|------------|
| | Separating the medicine (%) | Destroying the medicine (%) | Throwing medicine directly (%) | Burned/buried (%) | Entrusted to a pharmacy/3rd party (%) | Medicine remains stored (%) | |
| Age Range (Year) | | | | | | | |
| 15-24 | 7.8 | 4.5 | 87.7 | 11.6 | 1.53 | 8.5 | 118,908 |
| 25-34 | 9.5 | 5.4 | 87.8 | 13.9 | 1.70 | 7.2 | 132,876 |
| 35-44 | 9.6 | 5.7 | 87.4 | 14.8 | 1.68 | 7.1 | 125,103 |
| 45-54 | 8.9 | 5.5 | 86.3 | 14.8 | 1.62 | 7.9 | 107,906 |
| 55-64 | 7.9 | 4.9 | 84.9 | 14.1 | 1.41 | 9.1 | 77,205 |
| 65-74 | 6.9 | 4.0 | 83.8 | 13.0 | 1.29 | 11.3 | 41,076 |
| 75+ | 5.7 | 3.3 | 80.3 | 11.7 | 1.11 | 14.7 | 13,036 |
| Sex | | | | | | | |
| Male | 8.3 | 4.8 | 86.8 | 13.8 | 1.6 | 8.4 | 308,934 |
| Female | 9.0 | 5.5 | 86.4 | 13.7 | 1.6 | 8.0 | 307,176 |
| Education | | | | | | | |
| Never attended school | 8.3 | 4.7 | 78.9 | 17.8 | 2.0 | 16.7 | 25,423 |
| Some primary school/Islamic primary school | 7.3 | 3.6 | 84.3 | 15.7 | 1.4 | 11.3 | 38,606 |
| Primary school/Islamic primary school graduate | 6.2 | 3.0 | 86.1 | 14.6 | 1.3 | 9.2 | 154,841 |
| Junior secondary school/Islamic junior secondary school graduate | 7.5 | 4.2 | 87.6 | 13.9 | 1.4 | 7.8 | 131,126 |
| Senior secondary school/Islamic senior secondary school graduate | 9.5 | 5.9 | 87.9 | 12.4 | 1.6 | 6.7 | 205,234 |
| D1/D2/D3/university graduate | 15.7 | 10.8 | 86.3 | 12.8 | 2.6 | 6.0 | 60,881 |
| Occupation | | | | | | | |
| Unemployed | 8.6 | 5.0 | 86.6 | 13.1 | 1.5 | 8.4 | 182,721 |
| Student | 7.9 | 4.9 | 87.5 | 10.4 | 1.6 | 8.5 | 48,660 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 16.6 | 10.6 | 87.0 | 16.3 | 3.3 | 6.7 | 19,767 |
| Private employee | 10.6 | 7.5 | 87.6 | 10.5 | 1.7 | 5.5 | 72,209 |
| Self-employed | 8.5 | 4.8 | 88.2 | 14.2 | 1.5 | 6.8 | 96,927 |
| Farmer/farm worker | 7.2 | 3.4 | 84.1 | 17.6 | 1.4 | 11.5 | 101,705 |
| Fisher | 7.1 | 3.5 | 86.5 | 12.7 | 1.4 | 10.5 | 5,077 |
| Labor/driver/domestic help | 5.9 | 3.4 | 87.1 | 13.3 | 1.1 | 6.9 | 51,190 |
| Others | 10.3 | 6.3 | 86.2 | 14.8 | 1.7 | 8.7 | 37,854 |
| Residence | | | | | | | |
| Urban | 8.9 | 5.9 | 87.5 | 10.5 | 1.5 | 6.8 | 361,468 |
| Rural | 8.3 | 4.0 | 85.5 | 18.2 | 1.6 | 10.1 | 254,642 |
| Economic Status | | | | | | | |
| Lowest | 7.2 | 3.6 | 81.8 | 17.2 | 1.6 | 13.1 | 89,393 |
| Lower middle | 6.7 | 3.2 | 86.5 | 15.4 | 1.3 | 9.0 | 112,171 |
| Middle | 7.2 | 3.9 | 87.8 | 14.1 | 1.4 | 7.7 | 130,026 |
| Upper middle | 8.5 | 5.1 | 88.1 | 12.9 | 1.5 | 7.1 | 142,841 |
| Highest | 12.6 | 8.7 | 87.3 | 10.7 | 1.9 | 6.0 | 141,632 |

*** : may be more than one answer choice

10.2 TRADITIONAL HEALTH SERVICES

Traditional health services are part of the health efforts that are currently often found in Indonesia. Traditional health services together with conventional health services are directed at creating a healthy, independent and just society, with a holistic bio-cultural dimension, becoming a traditional Indonesian health service system that is in accordance with the religious and cultural norms of the community.

The development of variables for the Traditional Health Services (*yankestrad*) subchapter still refers to the regulations in effect at the time of preparing this questionnaire, namely Law no. 36 of 2009 concerning Health. Based on Law no. 36 of 2009 concerning Health, traditional health services are treatment and/or care using methods and medicines based on experience and skills passed down through generations empirically, which can be accounted for, and are applied in accordance with the norms applicable in society³.

Including traditional health services (*yankestrad*) are:

1. Potions *yankestrad*, both packaged potions and homemade potions;
2. Manual skills *yankestrad* such as massage, reflexology, SPA;
3. Thinking skills *yankestrad* such as hypnotherapy; And
4. Inner energy skills *yankestrad*.

Types of Traditional Health Services (*yankestrad*) based on GR No. 103 of 2014:

1. Empirical Traditional Health Services are the application of traditional health whose benefits and safety are empirically proven. This *yankestrad* is carried out by traditional healers (*hattrra*) in a promotive and preventive manner.
2. Complementary Traditional Health Services are the application of traditional health that utilizes biomedical and bio-cultural science in its explanations and its benefits and safety are scientifically proven. This *yankestrad* is carried out at *yankestrad* facilities by traditional health workers (*nakestrad*) in the framework of promotive, preventive, curative and rehabilitative efforts. The provision of complementary *yankestrad* must be in accordance with professional standards, service standards and standard operational procedures.
3. Integrated Traditional Health Services is a form of health service that combines conventional health services with Complementary Traditional Health Services, either as a complement or a substitute. This *yankestrad* is carried out in health service facilities by health workers and *nakestrad* for the treatment/care of patients/clients.

Respondents in this sub-block are all household members of all ages.

1. Proportion of Traditional Health Efforts Utilization

The proportion of traditional health efforts utilization is the total household members of all ages who have undertaken traditional health efforts compared to the number of household members of all ages in the past 1 year. Data was obtained from question F10 regarding the household members' history of carrying out traditional health efforts.

Excluded from traditional health efforts:

- Healers by performing religious services or just praying without other skills
- transferring disease to animals or shaman-style treatment
- salons that provide spa services

Proportion of Traditional Health Efforts Utilization =

$$\frac{\text{Total household members of all ages who have undertaken traditional health efforts}}{\text{Total household members of all ages}} \times 100\%$$

**Table 10. 19 Proportion of Traditional Health Efforts Utilization by Province, 2023
SKI**

| Province | Yankestrand Utilization | | Weighted N |
|------------------------|-------------------------|------------------|----------------|
| | % | 95%CI | |
| Aceh | 10.7 | 10.1-11.4 | 17,270 |
| North Sumatra | 22.8 | 21.6-24.0 | 48,468 |
| West Sumatra | 22.5 | 21.4-23.6 | 18,137 |
| Riau | 19.4 | 18.2-20.6 | 20,924 |
| Jambi | 15.8 | 14.7-17.0 | 11,588 |
| South Sumatra | 26.5 | 25.1-28.0 | 27,531 |
| Bengkulu | 19.0 | 17.6-20.5 | 6,570 |
| Lampung | 32.2 | 30.8-33.7 | 29,330 |
| Bangka Belitung Island | 19.0 | 17.7-20.4 | 4,762 |
| Riau Islands | 24.7 | 22.4-27.1 | 6,782 |
| DKI Jakarta | 37.5 | 35.4-39.7 | 33,551 |
| West Java | 34.5 | 33.5-35.5 | 156,972 |
| Central Java | 40.9 | 40.0-41.8 | 118,181 |
| DI Yogyakarta | 47.1 | 45.2-49.1 | 11,756 |
| East Java | 50.9 | 50.0-51.8 | 130,679 |
| Banten | 33.3 | 31.2-35.4 | 38,750 |
| Bali | 18.3 | 16.8-19.8 | 13,858 |
| West Nusa Tenggara | 24.8 | 23.2-26.5 | 17,521 |
| East Nusa Tenggara | 19.0 | 18.0-20.1 | 17,549 |
| West Kalimantan | 16.4 | 15.3-17.5 | 17,713 |
| Central Kalimantan | 26.4 | 24.7-28.1 | 8,737 |
| South Kalimantan | 44.2 | 42.5-46.0 | 13,298 |
| East Kalimantan | 34.3 | 32.7-36.0 | 12,359 |
| North Kalimantan | 13.7 | 12.0-15.6 | 2,300 |
| North Sulawesi | 24.1 | 22.8-25.5 | 8,439 |
| Central Sulawesi | 20.6 | 19.4-21.9 | 9,720 |
| South Sulawesi | 12.3 | 11.6-13.1 | 29,480 |
| South East Sulawesi | 14.9 | 13.9-16.0 | 8,664 |
| Gorontalo | 29.0 | 26.6-31.4 | 3,818 |
| West Sulawesi | 12.3 | 11.0-13.7 | 4,667 |
| Maluku | 20.1 | 18.7-21.5 | 6,048 |
| North Maluku | 19.8 | 18.1-21.6 | 4,212 |
| West Papua | 15.1 | 13.0-17.4 | 1,794 |
| Southwest Papua | 17.8 | 15.6-20.2 | 1,944 |
| Papua | 18.2 | 16.5-20.1 | 3,298 |
| South Papua | 15.2 | 12.7-18.1 | 1,684 |
| Central Papua | 22.6 | 15.9-31.1 | 4,577 |
| Highland Papua | 6.0 | 4.9-7.2 | 4,563 |
| INDONESIA | 32.5 | 32.1-32.8 | 877,495 |

Table 10. 20 Proportion of Traditional Health Efforts Utilization by Characteristic, 2023 SKI

| Characteristic | Yankestrand Utilization | | Weighted N |
|--|-------------------------|-----------|------------|
| | (%) | 95%CI | |
| Age Range (Year) | | | |
| < 1 | 18.1 | 17.4-18.9 | 24,815 |
| 1-4 | 19.4 | 18.8-20.0 | 45,946 |
| 5-14 | 17.2 | 16.8-17.6 | 138,461 |
| 15-24 | 23.8 | 23.2-24.3 | 139,887 |
| 25-34 | 35.5 | 35.0-36.1 | 140,201 |
| 35-44 | 39.7 | 39.2-40.3 | 131,591 |
| 45-54 | 43.4 | 42.9-44.0 | 113,364 |
| 55-64 | 45.5 | 44.9-46.1 | 81,720 |
| 65-74 | 42.9 | 42.1-43.8 | 44,879 |
| 75+ | 39.4 | 38.1-40.7 | 16,631 |
| Sex | | | |
| Male | 31.3 | 31.0-31.7 | 443,244 |
| Female | 33.6 | 33.3-33.9 | 434,251 |
| Education | | | |
| Never attended school | 25.7 | 25.0-26.4 | 69,128 |
| Some primary school/Islamic primary school | 25.7 | 25.2-26.2 | 115,057 |
| Primary school/Islamic primary school graduate | 36.3 | 35.8-36.8 | 197,779 |
| Junior secondary school/Islamic junior secondary school graduate | 33.9 | 33.4-34.5 | 144,071 |
| Senior secondary school/Islamic senior secondary school graduate | 35.8 | 35.3-36.3 | 216,651 |
| D1/D2/D3/university graduate | 40.3 | 39.5-41.1 | 64,047 |
| Occupation | | | |
| Unemployed | 34.8 | 34.4-35.2 | 213,109 |
| Student | 18.9 | 18.3-19.4 | 117,782 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 40.4 | 39.3-41.5 | 20,811 |
| Private employee | 39.8 | 38.9-40.7 | 76,280 |
| Self-employed | 42.4 | 41.7-43.0 | 102,057 |
| Farmer/farm worker | 39.5 | 38.9-40.2 | 107,873 |
| Fisher | 31.8 | 29.1-34.5 | 5,358 |
| Labor/driver/domestic help | 40.9 | 39.9-41.9 | 54,101 |
| Others | 34.9 | 34.0-35.7 | 40,261 |
| Residence | | | |
| Urban | 34.7 | 34.3-35.1 | 512,386 |
| Rural | 29.3 | 28.8-29.8 | 365,109 |
| Economic Status | | | |
| Lowest | 28.4 | 28.8-29.8 | 125,269 |
| Lower middle | 31.3 | 27.7-29.0 | 158,599 |
| Middle | 33.0 | 30.8-31.9 | 185,548 |
| Upper middle | 32.9 | 32.5-33.6 | 204,810 |
| Highest | 34.9 | 32.4-33.5 | 203,210 |

2. Proportion of Personnel Types Providing Traditional Health Services

The proportion of personnel types providing traditional health services is the total household members of all ages who have carried out traditional health efforts by type of effort compared to the total household members of all ages who have carried out traditional health efforts in the past year.

The sample was respondents who had carried out traditional health services who were then asked question F11 about the type of personnel providing traditional health services.

Traditional Health Service Personnel in 2023 SKI are:

- a. **Health workers or traditional health workers in hospitals, health centers, clinics:**
If household members have used *yankestrad* by visiting health service facilities such as hospitals, health centers or clinics with an educational background of doctors or other health workers or traditional health workers as part of integrated traditional health services.
Doctors: including general practitioners, dentists and specialist doctors
Health worker: is every person who dedicates themselves to the health sector and has knowledge and/or skills through education in the health sector which for certain types requires authority to carry out health efforts.
Traditional Health Workers: Traditional Health Workers are any person who dedicates themselves to the traditional health field and has knowledge and/or skills through education in the traditional health field which for certain types requires authority to carry out traditional health efforts.
- b. **Independent Practice of Health Personnel:** If household members have used *yankestrad* by visiting an independent practice of Health Personnel such as Independent Practice of a Doctor (General Practitioner, dentist or specialist), Independent Practice of a Midwife, Independent Practice of a Nurse, or Independent Practice of a physiotherapist.
- c. **Traditional Health Workers at *Griya Sehat*:** If household members have used *yankestrad* by visiting *Griya Sehat* (Wellness Center) and getting services from traditional health workers
- d. **Traditional Healers;** if household members have taken advantage of *yankestrad* by visiting a health center or bringing in a therapist who is not a doctor or health worker.
Traditional healers are workers whose knowledge and skills have been acquired through generations or non-formal education.
- e. **Self-effort**
If household members carry out traditional health efforts themselves, such as making their own traditional concoctions, doing their own massage or doing acupressure without the help of a *hattrra/nakestrand/therapist*.

Kestrab (Traditional Health) efforts included as self-efforts include:

- making *kestrad* efforts with the help of family or neighbors who are not part of the health workers/*nakestrad/hattra*
- making traditional concoctions, buying traditional herbal medicine, *godog* (boiled-tea-like base) herbal medicine, herbal medicine and other traditional medicines on your own initiative and utilize the Family Medicine Park (TOGA)
- performing *kestrad* efforts at beauty and reflexology clinics (no *hattra* permits) on the side of the road

$$\text{Proportion of personnel types providing traditional health services} = \frac{\text{Total household members of all ages who have carried out traditional health efforts by type of effort}}{\text{Total household members of all ages who have carried out traditional health efforts}} \times 100\%$$

Table 10. 21 Proportion of Personnel Types Used to Handle Traditional Health by Province, 2023 SKI

| Province | Personnel Types Used to Handle Traditional Health *** | | | | | Weighted N |
|------------------------|--|--|--|-------------------------|-----------------|----------------|
| | Health workers or <i>Nakestrad</i> in hospitals, health centers, clinics (%) | Independent Practice of Health Personnel (%) | <i>Nakestrad</i> in <i>Griya Sehat</i> (%) | Traditional Healers (%) | Self-Effort (%) | |
| Aceh | 4.7 | 3.8 | 4.5 | 37.6 | 77.9 | 1,549 |
| North Sumatra | 3.1 | 2.3 | 2.4 | 50.4 | 65.6 | 9,223 |
| West Sumatra | 1.9 | 1.7 | 3.7 | 58.2 | 50.2 | 3,404 |
| Riau | 2.1 | 2.2 | 3.5 | 46.9 | 65.2 | 3,383 |
| Jambi | 1.6 | 1.4 | 3.0 | 59.5 | 63.5 | 1,530 |
| South Sumatra | 1.7 | 1.4 | 1.8 | 55.8 | 57.5 | 6,101 |
| Bengkulu | 2.7 | 2.4 | 3.7 | 44.9 | 68.5 | 1,043 |
| Lampung | 5.0 | 4.0 | 3.2 | 65.1 | 49.5 | 7,898 |
| Bangka Belitung Island | 2.1 | 1.8 | 3.1 | 54.0 | 56.0 | 755 |
| Riau Islands | 1.6 | 1.1 | 5.0 | 50.0 | 53.3 | 1,398 |
| DKI Jakarta | 1.4 | 1.2 | 4.5 | 43.6 | 67.1 | 10,508 |
| West Java | 1.3 | 1.2 | 3.9 | 51.7 | 59.4 | 45,267 |
| Central Java | 1.0 | 1.3 | 2.4 | 45.1 | 64.8 | 40,344 |
| DI Yogyakarta | 1.2 | 1.8 | 5.2 | 44.9 | 62.0 | 4,629 |
| East Java | 1.1 | 1.4 | 2.0 | 54.1 | 58.9 | 55,550 |
| Banten | 1.3 | 1.1 | 3.9 | 48.5 | 62.9 | 10,762 |
| Bali | 1.7 | 1.9 | 3.0 | 30.6 | 70.3 | 2,113 |
| West Nusa Tenggara | 1.4 | 1.4 | 1.8 | 35.0 | 76.6 | 3,635 |
| East Nusa Tenggara | 1.7 | 1.1 | 1.3 | 27.2 | 82.6 | 2,789 |
| West Kalimantan | 2.8 | 2.7 | 4.2 | 44.6 | 64.3 | 2421 |
| Central Kalimantan | 3.6 | 2.8 | 4.2 | 50.1 | 71.0 | 1,925 |
| South Kalimantan | 1.6 | 1.5 | 2.4 | 55.8 | 60.7 | 4,914 |
| East Kalimantan | 2.1 | 2.6 | 5.8 | 55.3 | 56.4 | 3,545 |
| North Kalimantan | 3.2 | 1.4 | 6.9 | 42.2 | 60.4 | 263 |
| North Sulawesi | 1.6 | 1.2 | 2.0 | 32.6 | 75.7 | 1,698 |
| Central Sulawesi | 1.7 | 1.9 | 1.5 | 41.0 | 67.2 | 1,673 |
| South Sulawesi | 2.3 | 1.5 | 2.9 | 31.6 | 70.2 | 3,032 |
| South East Sulawesi | 1.6 | 1.2 | 1.7 | 36.3 | 73.7 | 1,079 |
| Gorontalo | 0.8 | 0.7 | 1.3 | 61.2 | 48.6 | 923 |
| West Sulawesi | 3.2 | 2.5 | 3.1 | 24.9 | 81.4 | 480 |
| Maluku | 1.2 | 2.2 | 0.8 | 19.1 | 86.1 | 1,013 |
| North Maluku | 2.6 | 2.3 | 1.8 | 21.8 | 85.2 | 696 |
| West Papua | 1.1 | 1.3 | 0.8 | 22.5 | 87.7 | 226 |
| Southwest Papua | 1.8 | 0.9 | 1.6 | 49.9 | 58.3 | 289 |
| Papua | 2.4 | 2.0 | 3.4 | 27.5 | 79.4 | 502 |
| South Papua | 1.8 | 1.3 | 1.4 | 33.8 | 81.0 | 214 |
| Central Papua | 6.1 | 7.7 | 3.6 | 14.7 | 92.3 | 865 |
| Highland Papua | 3.1 | 3.2 | 3.0 | 15.8 | 94.3 | 228 |
| INDONESIA | 1.6 | 1.6 | 2.9 | 49.2 | 62.3 | 237,867 |

***: may be more than one answer choice

Table 10. 22 Proportion of Personnel Types Used to Handle Traditional Health by Characteristic, 2023 SKI

| Characteristic | Personnel Types Used to Handle Traditional Health *** | | | | | Weighted N |
|--|--|--|--|-------------------------|-----------------|------------|
| | Health workers or <i>Nakestrad</i> in hospitals, health centers, clinics (%) | Independent Practice of Health Personnel (%) | <i>Nakestrad</i> in <i>Griya Sehat</i> (%) | Traditional healers (%) | Self-Effort (%) | |
| Age Range (Year) | | | | | | |
| < 1 | 2.6 | 6.4 | 2.4 | 57.6 | 41.5 | 3,761 |
| 1-4 | 1.8 | 2.6 | 2.1 | 54.3 | 50.6 | 7,450 |
| 5-14 | 1.6 | 1.7 | 1.9 | 45.5 | 61.8 | 19,879 |
| 15-24 | 1.5 | 1.2 | 2.3 | 46.8 | 63.5 | 27,755 |
| 25-34 | 1.4 | 1.4 | 3.1 | 51.4 | 60.9 | 41,602 |
| 35-44 | 1.4 | 1.5 | 3.3 | 50.2 | 62.1 | 43,682 |
| 45-54 | 1.6 | 1.5 | 3.3 | 49.9 | 63.4 | 41,106 |
| 55-64 | 1.8 | 1.7 | 3.4 | 48.3 | 64.6 | 31,071 |
| 65-74 | 1.7 | 1.4 | 2.8 | 47.0 | 65.6 | 16,097 |
| 75+ | 2.0 | 1.3 | 2.3 | 45.0 | 67.8 | 5,466 |
| Sex | | | | | | |
| Male | 1.6 | 1.6 | 3.2 | 50.6 | 60.9 | 116,010 |
| Female | 1.6 | 1.5 | 2.7 | 47.9 | 63.5 | 121,857 |
| Education | | | | | | |
| Never attended school | 1.6 | 1.7 | 2.0 | 47.9 | 64.2 | 14,831 |
| Some primary school/Islamic primary school | 1.9 | 1.6 | 2.1 | 46.8 | 64.5 | 24,679 |
| Primary school/Islamic primary school graduate | 1.5 | 1.4 | 2.1 | 49.4 | 64.0 | 59,962 |
| Junior secondary school/Islamic junior secondary school graduate | 1.3 | 1.2 | 2.3 | 49.1 | 63.7 | 40,794 |
| Senior secondary school/Islamic senior secondary school graduate | 1.5 | 1.4 | 3.7 | 49.4 | 61.7 | 64,828 |
| D1/D2/D3/university graduate | 1.9 | 2.1 | 6.3 | 48.7 | 60.3 | 21,563 |
| Occupation | | | | | | |
| Unemployed | 1.5 | 1.3 | 2.6 | 47.5 | 64.1 | 61,920 |
| Student | 1.6 | 1.4 | 2.1 | 43.8 | 65.0 | 18,546 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 2.3 | 2.6 | 5.4 | 50.8 | 60.1 | 7,020 |
| Private employee | 1.2 | 1.5 | 5.1 | 50.8 | 59.1 | 25,339 |
| Self-employed | 1.8 | 1.6 | 3.6 | 52.5 | 60.4 | 36,100 |
| Farmer/farm worker | 1.6 | 1.5 | 1.9 | 49.1 | 66.4 | 35,626 |
| Fisher | 1.3 | 2.1 | 2.5 | 49.8 | 66.1 | 1,421 |
| Labor/driver/domestic help | 1.0 | 0.9 | 2.6 | 49.4 | 63.4 | 18,467 |
| Others | 2.0 | 1.7 | 3.8 | 47.6 | 64.5 | 11,724 |
| Residence | | | | | | |
| Urban | 1.4 | 1.5 | 3.6 | 49.1 | 61.1 | 148,526 |
| Rural | 1.8 | 1.7 | 1.9 | 49.4 | 64.2 | 89,341 |
| Economic Status | | | | | | |
| Lowest | 1.5 | 1.4 | 1.4 | 44.6 | 68.4 | 29,687 |
| Lower middle | 1.7 | 1.6 | 1.9 | 48.8 | 63.6 | 41,464 |
| Middle | 1.4 | 1.4 | 2.4 | 49.9 | 62.2 | 51,156 |
| Upper middle | 1.3 | 1.3 | 2.8 | 49.9 | 61.6 | 56,291 |
| Highest | 1.8 | 2.0 | 5.1 | 50.6 | 58.9 | 59,264 |

***: may be more than one answer choice

3. Proportion of Types of Traditional Health Services Utilized

The proportion of types of traditional health services utilized is the total household members of all ages who have undertaken health efforts according to the *yankestrad* type compared to the total household members of all ages who have undertaken traditional health efforts in the past 1 year.

The sample consisted of respondents who had undertaken traditional health services who were then asked question F12 about the type of traditional health services utilized.

In 2023 SKI, traditional types of health efforts consist of:

a. Finished concoction; Packaged concoctions from traditional health efforts or from practitioners in the form of herbal medicine or other concoctions with or without prior processing, such as boiling or brewing. The product has a distribution permit number in accordance with statutory provisions. The finished concoction consists of herbal medicine, aromatherapy, *gurah* (nostril herb insertion) products, and homeopathy.

b. Homemade concoction:

- Household members carry out their own traditional health efforts by utilizing the family medicine garden or purchasing ingredients at the market based on empirical experience or the results of searching for information from various media.
- Household members receive health workers'-made concoctions from in traditional health services, whether brewed, in the form of freshly made herbal medicine, dried simplicia concoctions, or external medicinal concoctions.
- The household members got the potion from *Yankestrand* but couldn't differentiate whether the potion was ready-made or homemade, so it was included in the answer choice Homemade potion

c. Thought processing skills/hypnotherapy

Definition: Is part of empirical traditional health services, complementary health services (traditional health services using bio-cultural science and biomedical science whose benefits and safety are scientifically proven) and integrated health services which in their implementation use thinking skills techniques. (GR No. 103 of 2014 concerning Traditional Health Services) and can be carried out by *Hattra* or *Nakedstrand*.

d. Manual skills (massage, acupuncture); is part of empirical traditional health services, complementary health services (traditional health services using biocultural science and biomedical science whose benefits and safety are scientifically proven) and integrated health services which in their implementation use skills with or without assistive devices. (PP No. 103 of 2014 concerning Traditional Health Services) and can be carried out by *Hattra* or *Nakedstrand*).

Examples: massage, baby massage, fracture bones treatment, reflexology, acupuncture, cupping, apitherapy, *ceragem*, acupressure etc.

a.1. Massage/acupressure

Massage is a medical and/or care service that involves massaging parts or the entire body. The aim is to refresh muscle relaxation, to overcome health problems or cure illness or disease, and improve blood circulation. *Hattra* who performs massage in several areas are often called massage shamans, massage therapists, *usut* shamans.

Special massage for babies and mothers is care for babies and mothers after giving birth for 40 days. It is carried out by someone whose activities are helping the birthing process, caring for the baby starting from bathing, carrying, learning to communicate and so forth. Baby massage massagers in West Java are called *Paraji*, *Dukun Rembik* (Madura), *Balian Manak* (Bali), *Sanro Pammana* (South Sulawesi), *Sanro Bersalin* (Central Sulawesi), *Suhu Batui* (Aceh).

Acupressure is a treatment service that involves massaging acupuncture points using fingertips and/or other tools except needles.

Reflexology is massaging the hands, feet and other body parts, by directing it to the central points of the nerves that are connected to the organs in the body.

a.2. Fracture bone treatment

Fracture bone treatment is a service for treating and/or fixing fractures using traditional methods without surgery using hand skills to restore the position of the bones and external fixation and using traditional medicinal ingredients. Usually called *Dukun Potong* (Madura), *Sangkal Putung* (Java), *Sanro Pauru* (South Sulawesi).

a.3. Acupuncture/needling

Acupuncture is a treatment technique that involves stimulating acupuncture points by inserting needles and other means such as electro-acupuncture to restore health and wellness, and is especially good for treating pain.

a.4. Cupping

Cupping is a treatment method using glass, tube or bamboo, where the process begins with cupping (negative pressure in a glass, tube or bamboo) to remove dirty blood (dangerous toxins) from the body through the surface of the skin.

a.5. Other manual skills

If household members receive *yankestrad* services in the form of other manual skills which are not included in answer choices e.1 to e.4 such as apitherapy or *ceragem*

Spa is a traditional health service effort, through comprehensive treatment using a combination of hydrotherapy massage skills and traditional herbs, to balance the body, mind and spirit.

Proportion of Types of Traditional Health Services Utilized =

Total household members of all ages who have undertaken health efforts
according to the *yankestrad* type

Total household members of all ages who have undertaken traditional health efforts
× 100%

Table 10. 23 Proportion of Types of Traditional Health Services Utilized by Province, 2023 SKI

| Province | Types of Traditional Health Services *** | | | | | | | | | Weighted N | |
|------------------------|--|---------------------|-----------------|-------------|------------|-------------|--------------------|-----------------|-------------|------------|----------------|
| | Finished concoction (%) | Homemade Concoction | | Skill | | | Manual Skill | | | | |
| | | Yan-kes-trad (%) | Self-Effort (%) | Thought (%) | Energy (%) | Massage (%) | Fractured Bone (%) | Acupuncture (%) | Cupping (%) | | |
| Aceh | 38.2 | 43.9 | 74.7 | 1.0 | 1.2 | 31.5 | 1.7 | 0.6 | 6.1 | 1.9 | 1,549 |
| North Sumatra | 44.2 | 53.7 | 63.4 | 0.8 | 1.0 | 53.2 | 1.1 | 0.4 | 2.2 | 1.7 | 9,223 |
| West Sumatra | 19.7 | 62.5 | 47.3 | 0.3 | 0.9 | 58.6 | 1.2 | 0.5 | 5.6 | 2.2 | 3,404 |
| Riau | 39.7 | 51.5 | 62.5 | 0.5 | 0.6 | 43.5 | 0.8 | 0.6 | 5.0 | 1.9 | 3,383 |
| Jambi | 50.4 | 61.7 | 61.2 | 0.6 | 0.3 | 51.5 | 0.8 | 1.3 | 5.9 | 2.7 | 1,530 |
| South Sumatra | 24.6 | 58.0 | 55.0 | 0.4 | 0.7 | 68.4 | 0.8 | 0.4 | 5.3 | 6.8 | 6,101 |
| Bengkulu | 28.2 | 48.5 | 64.9 | 0.6 | 1.1 | 44.1 | 0.8 | 0.4 | 7.6 | 3.0 | 1,043 |
| Lampung | 38.7 | 69.5 | 46.3 | 0.3 | 0.9 | 59.0 | 0.6 | 0.4 | 2.5 | 1.5 | 7,898 |
| Bangka Belitung Island | 42.6 | 58.0 | 52.0 | 0.5 | 0.6 | 43.5 | 0.8 | 0.8 | 12.1 | 11.2 | 755 |
| Riau Islands | 27.3 | 54.7 | 51.9 | 0.4 | 0.5 | 35.1 | 0.3 | 0.3 | 10.6 | 4.2 | 1,398 |
| DKI Jakarta | 45.1 | 47.9 | 64.1 | 0.1 | 0.5 | 41.0 | 0.6 | 0.6 | 7.0 | 5.7 | 10,508 |
| West Java | 49.2 | 55.7 | 57.0 | 0.6 | 0.7 | 44.6 | 0.8 | 0.7 | 6.9 | 3.9 | 45,267 |
| Central Java | 36.4 | 48.3 | 61.3 | 0.2 | 0.4 | 45.2 | 0.5 | 0.4 | 2.4 | 9.2 | 40,344 |
| DI Yogyakarta | 33.3 | 50.7 | 59.4 | 0.3 | 0.3 | 41.2 | 0.7 | 0.5 | 3.8 | 3.6 | 4,629 |
| East Java | 29.4 | 56.2 | 56.5 | 0.2 | 0.3 | 68.6 | 0.5 | 0.3 | 2.3 | 1.9 | 55,550 |
| Banten | 50.0 | 52.0 | 60.3 | 0.5 | 0.4 | 46.5 | 0.6 | 0.9 | 5.6 | 2.2 | 10,762 |
| Bali | 21.9 | 35.5 | 68.8 | 0.7 | 0.5 | 35.2 | 0.6 | 0.8 | 1.2 | 2.7 | 2,113 |
| West Nusa Tenggara | 20.1 | 37.6 | 74.7 | 0.3 | 0.5 | 37.8 | 0.7 | 0.4 | 5.2 | 1.7 | 3,635 |
| East Nusa Tenggara | 16.0 | 29.4 | 80.6 | 1.3 | 0.7 | 47.5 | 1.5 | 0.3 | 1.6 | 5.5 | 2,789 |
| West Kalimantan | 36.5 | 51.3 | 61.7 | 0.5 | 1.0 | 46.2 | 0.9 | 0.9 | 8.8 | 2.5 | 2,421 |
| Central Kalimantan | 47.5 | 54.5 | 68.9 | 0.6 | 0.5 | 58.0 | 0.7 | 0.4 | 6.8 | 2.5 | 1,925 |
| South Kalimantan | 41.4 | 58.2 | 57.4 | 0.4 | 0.5 | 75.5 | 0.4 | 0.2 | 2.8 | 1.2 | 4,914 |
| East Kalimantan | 28.6 | 60.8 | 54.0 | 0.4 | 0.4 | 49.9 | 0.6 | 0.4 | 7.5 | 1.3 | 3,545 |
| North Kalimantan | 35.8 | 49.1 | 57.9 | 0.9 | 0.9 | 34.7 | 0.8 | 1.1 | 9.3 | 1.0 | 263 |
| North Sulawesi | 19.4 | 35.3 | 73.2 | 0.5 | 1.2 | 41.1 | 1.1 | 0.2 | 1.4 | 4.2 | 1,698 |
| Central Sulawesi | 24.6 | 44.7 | 64.7 | 0.2 | 0.7 | 35.6 | 0.9 | 0.3 | 3.2 | 4.7 | 1,673 |
| South Sulawesi | 29.9 | 36.7 | 68.7 | 0.5 | 0.5 | 14.1 | 0.4 | 0.6 | 6.8 | 2.4 | 3,032 |
| South East Sulawesi | 25.8 | 39.1 | 71.7 | 0.5 | 0.5 | 33.0 | 0.8 | 0.2 | 2.8 | 3.1 | 1,079 |
| Gorontalo | 18.2 | 62.2 | 46.3 | 0.2 | 0.6 | 68.8 | 0.8 | 0.0 | 1.9 | 3.0 | 923 |
| West Sulawesi | 23.8 | 29.6 | 77.9 | 1.0 | 0.5 | 13.2 | 0.6 | 0.4 | 3.4 | 2.1 | 480 |
| Maluku | 21.0 | 22.3 | 82.7 | 0.4 | 0.9 | 24.7 | 0.8 | 0.5 | 2.1 | 2.3 | 1,013 |
| North Maluku | 26.7 | 25.5 | 82.4 | 1.2 | 1.9 | 19.8 | 1.0 | 0.4 | 2.0 | 1.0 | 696 |
| West Papua | 22.9 | 24.4 | 85.2 | 0.7 | 0.4 | 11.3 | 0.4 | 0.2 | 1.8 | 5.0 | 226 |
| Southwest Papua | 45.3 | 52.1 | 56.4 | 0.9 | 1.3 | 22.4 | 0.7 | 0.0 | 3.8 | 2.4 | 289 |
| Papua | 26.7 | 31.6 | 76.5 | 0.9 | 0.9 | 18.3 | 0.6 | 1.8 | 4.8 | 2.5 | 502 |
| South Papua | 20.3 | 35.7 | 78.2 | 0.5 | 0.4 | 21.3 | 1.1 | 0.2 | 1.5 | 5.0 | 214 |
| Central Papua | 24.7 | 23.7 | 90.9 | 1.0 | 1.2 | 29.9 | 1.3 | 0.6 | 3.0 | 4.4 | 865 |
| Highland Papua | 13.9 | 17.9 | 83.4 | 2.6 | 1.3 | 6.2 | 3.2 | 1.0 | 25.7 | 24.1 | 228 |
| INDONESIA | 36.9 | 52.6 | 59.6 | 0.4 | 0.6 | 51.5 | 0.7 | 0.5 | 4.2 | 4.0 | 237,867 |

*** : may be more than one answer choice

Table 10. 24 Proportion of Types of Traditional Health Services Utilized by Characteristic, 2023 SKI

| Characteristic | Finished concoction (%) | Types of Traditional Health Services *** | | | | | | | | | Weighted N | |
|--|-------------------------|--|-----------------|-------------|------------|-------------|--------------------|-----------------|-------------|------------|------------|--|
| | | Homemade Concoction | | | Skill | | Manual Skill | | | | | |
| | | Yanke strad (%) | Self-Effort (%) | Thought (%) | Energy (%) | Massage (%) | Fractured Bone (%) | Acupuncture (%) | Cupping (%) | Others (%) | | |
| Age Range (Year) | | | | | | | | | | | | |
| < 1 | 3.5 | 66.3 | 40.3 | 0.1 | 0.6 | 85.2 | 0.5 | 0.0 | 0.5 | 3.6 | 3,761 | |
| 1-4 | 17.1 | 59.2 | 48.2 | 0.4 | 0.5 | 72.0 | 0.6 | 0.1 | 0.5 | 3.4 | 7,450 | |
| 5-14 | 29.4 | 48.5 | 58.6 | 0.4 | 0.5 | 54.3 | 0.7 | 0.3 | 0.8 | 3.2 | 19,879 | |
| 15-24 | 37.2 | 49.6 | 60.3 | 0.4 | 0.6 | 48.3 | 0.8 | 0.3 | 2.5 | 4.3 | 27,755 | |
| 25-34 | 39.2 | 54.6 | 58.1 | 0.4 | 0.5 | 53.8 | 0.6 | 0.4 | 4.5 | 4.1 | 41,602 | |
| 35-44 | 39.6 | 53.6 | 59.5 | 0.4 | 0.6 | 50.9 | 0.6 | 0.5 | 5.8 | 4.1 | 43,682 | |
| 45-54 | 39.8 | 53.3 | 61.0 | 0.4 | 0.6 | 49.5 | 0.7 | 0.6 | 6.1 | 4.2 | 41,106 | |
| 55-64 | 39.3 | 52.0 | 62.1 | 0.4 | 0.5 | 48.1 | 0.7 | 0.7 | 5.1 | 4.1 | 31,071 | |
| 65-74 | 37.8 | 50.1 | 62.9 | 0.5 | 0.7 | 46.2 | 0.6 | 0.7 | 3.3 | 3.7 | 16,097 | |
| 75+ | 35.7 | 47.6 | 65.3 | 0.6 | 0.7 | 42.8 | 0.7 | 0.5 | 1.8 | 3.3 | 5,466 | |
| Sex | | | | | | | | | | | | |
| Male | 37.8 | 54.2 | 58.2 | 0.4 | 0.6 | 55.6 | 0.8 | 0.5 | 5.5 | 4.3 | 116,010 | |
| Female | 36.0 | 51.1 | 60.9 | 0.4 | 0.5 | 47.5 | 0.5 | 0.5 | 3.0 | 3.7 | 121,857 | |
| Education | | | | | | | | | | | | |
| Never attended school | 33.5 | 50.5 | 61.0 | 0.4 | 0.6 | 53.7 | 0.6 | 0.3 | 1.7 | 3.7 | 14,831 | |
| Some primary school/Islamic primary school | 36.5 | 49.7 | 61.7 | 0.5 | 0.5 | 52.0 | 0.6 | 0.4 | 1.8 | 3.2 | 24,679 | |
| Primary school/Islamic primary school graduate | 40.2 | 51.9 | 61.2 | 0.3 | 0.5 | 50.1 | 0.7 | 0.3 | 2.7 | 4.2 | 59,962 | |
| Junior secondary school/Islamic junior secondary school graduate | 39.1 | 51.7 | 60.9 | 0.4 | 0.6 | 49.9 | 0.6 | 0.4 | 3.5 | 4.3 | 40,794 | |
| Senior secondary school/Islamic senior secondary school graduate | 38.5 | 53.2 | 59.2 | 0.4 | 0.6 | 48.8 | 0.7 | 0.6 | 6.1 | 4.2 | 64,828 | |
| D1/D2/D3/university graduate | 34.5 | 55.0 | 57.8 | 0.5 | 0.7 | 51.1 | 0.7 | 1.2 | 10.4 | 3.8 | 21,563 | |
| Occupation | | | | | | | | | | | | |
| Unemployed | 38.6 | 50.5 | 61.3 | 0.5 | 0.6 | 44.6 | 0.6 | 0.6 | 3.7 | 3.7 | 61,920 | |
| Student | 35.5 | 46.8 | 61.6 | 0.4 | 0.5 | 46.2 | 0.9 | 0.3 | 2.0 | 3.6 | 18,546 | |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 34.6 | 56.4 | 57.7 | 0.4 | 0.7 | 53.3 | 0.7 | 0.9 | 10.7 | 3.3 | 7,020 | |
| Private employee | 40.3 | 55.6 | 56.4 | 0.4 | 0.5 | 51.6 | 0.7 | 0.6 | 7.6 | 4.9 | 25,339 | |
| Self-employed | 38.9 | 56.2 | 58.0 | 0.4 | 0.5 | 55.4 | 0.7 | 0.6 | 6.2 | 3.8 | 36,100 | |
| Farmer/farm worker | 36.7 | 51.2 | 63.6 | 0.4 | 0.6 | 54.5 | 0.7 | 0.3 | 2.3 | 4.1 | 35,626 | |
| Fisher | 40.3 | 52.7 | 64.2 | 0.5 | 0.6 | 54.1 | 0.5 | 0.3 | 4.2 | 2.2 | 1,421 | |
| Labor/driver/domestic help | 45.7 | 52.0 | 60.6 | 0.3 | 0.6 | 48.2 | 0.7 | 0.5 | 4.3 | 5.9 | 18,467 | |
| Others | 36.4 | 51.7 | 61.9 | 0.5 | 0.7 | 48.2 | 0.8 | 0.8 | 5.5 | 3.6 | 11,724 | |
| Residence | | | | | | | | | | | | |
| Urban | 39.6 | 53.0 | 58.5 | 0.4 | 0.6 | 48.6 | 0.7 | 0.6 | 5.3 | 4.1 | 148,526 | |
| Rural | 32.5 | 52.0 | 61.4 | 0.4 | 0.6 | 56.2 | 0.7 | 0.4 | 2.3 | 3.8 | 89,341 | |
| Economic Status | | | | | | | | | | | | |
| Lowest | 31.9 | 46.8 | 65.6 | 0.5 | 0.7 | 0.6 | 0.7 | 0.3 | 1.8 | 4.7 | 29,687 | |
| Lower middle | 36.9 | 51.2 | 60.8 | 0.4 | 0.5 | 0.5 | 0.7 | 0.3 | 2.0 | 4.1 | 41,464 | |
| Middle | 38.2 | 52.5 | 59.3 | 0.4 | 0.4 | 0.5 | 0.6 | 0.4 | 2.5 | 3.9 | 51,156 | |
| Upper middle | 38.6 | 53.1 | 59.0 | 0.3 | 0.6 | 0.5 | 0.6 | 0.4 | 4.1 | 3.7 | 56,291 | |
| Highest | 36.7 | 56.2 | 56.5 | 0.5 | 0.6 | 0.5 | 0.7 | 0.9 | 8.4 | 3.9 | 59,264 | |

*** : may be more than one answer choice

4. Proportion of Family Medicine Park Utilization (TOGA)

A family medicine garden (abbreviated as TOGA) is a home-grown plant that has medicinal properties. A family medicine garden is essentially a plot of land, either in the yard, garden or field, which is used to cultivate plants that have medicinal properties in order to meet the family's need for medicines.

The proportion of TOGA utilization is the total household members of all ages who have utilized TOGA in the last 1 year compared to the total household members of all ages. The sample was respondents of all ages who were asked question F13 about the history of TOGA utilized in the last 1 year.

Proportion of Respondent's TOGA utilization =

$$\frac{\text{Total household members of all ages who have utilized TOGA}}{\text{Total household members of all ages}} \times 100$$

Table 10. 25 Proportion of TOGA Utilization by Province, 2023 SKI

| Province | TOGA Utilization % | CI 95% | Weighted N |
|------------------------|--------------------|-----------------|----------------|
| Aceh | 10.2 | 9.2-11.3 | 16,637 |
| North Sumatra | 9.4 | 8.6-10.3 | 40,389 |
| West Sumatra | 20.9 | 19.4-22.4 | 15,175 |
| Riau | 8.9 | 7.7-10.3 | 18,210 |
| Jambi | 11.7 | 10.4-13.1 | 10,529 |
| South Sumatra | 7.1 | 6.3-8.0 | 21,829 |
| Bengkulu | 13.4 | 12.0-15.0 | 5,744 |
| Lampung | 10.5 | 9.4-11.7 | 21,448 |
| Bangka Belitung Island | 5.9 | 4.9-7.0 | 4,164 |
| Riau Islands | 2.3 | 1.7-3.1 | 5,513 |
| DKI Jakarta | 3.6 | 2.9-4.6 | 22,630 |
| West Java | 10.4 | 9.8-11.2 | 110,911 |
| Central Java | 11.0 | 10.3-11.7 | 75,408 |
| DI Yogyakarta | 21.7 | 19.5-24.1 | 6,706 |
| East Java | 7.7 | 7.1-8.3 | 69,245 |
| Banten | 6.0 | 5.1-7.1 | 27,912 |
| Bali | 8.2 | 6.4-10.3 | 12,225 |
| West Nusa Tenggara | 5.0 | 4.3-5.8 | 14,212 |
| East Nusa Tenggara | 17.2 | 16.1-18.4 | 15,336 |
| West Kalimantan | 8.8 | 7.7-10.0 | 15,988 |
| Central Kalimantan | 7.5 | 6.4-8.7 | 6,942 |
| South Kalimantan | 4.6 | 4.0-5.4 | 8,002 |
| East Kalimantan | 11.7 | 10.3-13.3 | 8,757 |
| North Kalimantan | 8.4 | 6.8-10.4 | 2,141 |
| North Sulawesi | 11.6 | 10.4-13.0 | 6,913 |
| Central Sulawesi | 11.2 | 10.0-12.6 | 8,328 |
| South Sulawesi | 14.6 | 13.8-15.6 | 27,897 |
| South East Sulawesi | 5.1 | 4.5-5.8 | 7,955 |
| Gorontalo | 5.4 | 4.6-6.5 | 2,928 |
| West Sulawesi | 12.4 | 10.5-14.6 | 4,416 |
| Maluku | 7.2 | 6.2-8.2 | 5,219 |
| North Maluku | 13.9 | 12.3-15.6 | 3,647 |
| West Papua | 9.5 | 7.8-11.6 | 1,645 |
| Southwest Papua | 14.2 | 12.1-16.5 | 1,725 |
| Papua | 11.4 | 9.5-13.5 | 2,911 |
| South Papua | 11.3 | 8.8-14.3 | 1,541 |
| Central Papua | 20.4 | 15.1-27.0 | 3,822 |
| Highland Papua | 22.8 | 18.7-27.5 | 4,630 |
| INDONESIA | 10.0 | 9.8-10.2 | 639,628 |

Table 10. 26 Proportion of TOGA Utilization by Characteristic, SKI 2023

| Characteristic | TOGA Utilization | | Weighted N |
|--|------------------|-----------|------------|
| | % | CI 95% | |
| Age Range (Year) | | | |
| < 1 | 3.4 | 3.1-3.7 | 21,921 |
| 1-4 | 4.9 | 4.6-5.2 | 39,959 |
| 5-14 | 5.9 | 5.7-6.2 | 123,743 |
| 15-24 | 7.8 | 7.4-8.1 | 115,103 |
| 25-34 | 10.5 | 10.1-10.9 | 97,548 |
| 35-44 | 12.2 | 11.8-12.6 | 85,567 |
| 45-54 | 14.8 | 14.3-15.3 | 69,225 |
| 55-64 | 16.3 | 15.7-16.9 | 48,042 |
| 65-74 | 16.7 | 16.0-17.5 | 27,633 |
| 75+ | 15.1 | 14.0-16.3 | 10,886 |
| Sex | | | |
| Male | 8.8 | 8.6-9.0 | 328,445 |
| Female | 11.3 | 11.0-11.5 | 311,183 |
| Education | | | |
| Never attended school | 9.1 | 8.6-9.6 | 55,439 |
| Some primary school/Islamic primary school | 8.3 | 7.9-8.7 | 92,281 |
| Primary school/Islamic primary school graduate | 12.0 | 11.6-12.4 | 135,961 |
| Junior secondary school/Islamic junior secondary school graduate | 10.6 | 10.2-11.0 | 102,768 |
| Senior secondary school/Islamic senior secondary school graduate | 10.6 | 10.2-10.9 | 150,041 |
| D1/D2/D3/university graduate | 13.4 | 12.8-14.0 | 41,257 |
| Occupation | | | |
| Unemployed | 12.6 | 12.2-13.0 | 149,975 |
| Student | 6.7 | 6.4-7.0 | 103,148 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 15.1 | 14.2-16.0 | 13,388 |
| Private employee | 8.7 | 8.1-9.2 | 49,579 |
| Self-employed | 10.4 | 9.9-10.9 | 63,491 |
| Farmer/farm worker | 15.9 | 15.3-16.4 | 70,381 |
| Fisher | 8.8 | 7.4-10.5 | 3,946 |
| Labor/driver/domestic help | 11.0 | 10.2-11.8 | 34,522 |
| Others | 13.3 | 12.7-14.0 | 28,300 |
| Residence | | | |
| Urban | 8.4 | 8.2-8.7 | 361,045 |
| Rural | 12.0 | 11.7-12.4 | 278,583 |
| Economic Status | | | |
| Lowest | 13.3 | 12.7-13.8 | 96,831 |
| Lower middle | 10.5 | 10.1-10.9 | 117,582 |
| Middle | 9.6 | 9.2-10.0 | 134,142 |
| Upper middle | 9.0 | 8.7-9.4 | 148,294 |
| Highest | 8.8 | 8.4-9.2 | 142,725 |

CHAPTER 11

HEALTH KNOWLEDGE AND BEHAVIOR

In this chapter, the knowledge about health presented is the knowledge about stunting. Meanwhile, the health risk behaviors presented are several behaviors related to non-communicable and infectious diseases. Risk factors associated with non-communicable diseases include smoking behavior and tobacco use, consumption of foods that pose a risk to health, lack of consumption of vegetables and fruit, food consumption patterns, consumption of alcoholic drinks, lack of physical activity, and regular health checks. Meanwhile, behavioral risk factors related to infectious diseases include preventing diseases caused by mosquito bites, defecating in toilets, and the behavior of washing hands properly.

The questions in the questionnaire are asked to all household members (ART) according to the Age Range in each sub-chapter. Household members under 15 years of age can interview with the assistance of a parent or guardian. Particularly for children under five (3-5 years), interviews are conducted to be represented by parents or guardians who are familiar with related behavior. Knowledge of stunting was asked to household members aged ≥ 10 years old and could not be represented. Household members answer questions based on their memories.

11. 1 KNOWLEDGE OF STUNTING

Stunting is a condition of failure to thrive in children under five due to chronic malnutrition, particularly in the first 1,000 days of life (DOL). The condition of failure to thrive in children under five is caused by a lack of nutritional intake for a long time and recurrent infections, and these two causal factors are influenced by inadequate parenting patterns, particularly within 1,000 DOL. Children are classified as stunted if their length or height according to their age is lower than the applicable national standards.

Malnutrition occurs in the womb, in the early days after the baby is born, but stunting only appears after the baby is 2 years old.

Stunting conditions can put children at higher risk of suffering from non-communicable diseases as adults such as diabetes mellitus, cancer, heart disease, hypertension, and others.

Stunting can be prevented by:

1. Fulfilling the child's nutritional needs appropriately in the child's First 1000 Days of Life (DOL).
2. Fulfilling the nutritional needs for pregnant women.
3. Consuming protein in the daily menu for toddlers aged over 6 months with protein levels appropriate to their age.
4. Maintaining clean sanitation and fulfilling clean water needs.
5. Routinely taking children under five to Integrated Healthcare Center at least once a month.

The indicators collected to get an overview of knowledge about stunting are knowledge of the meaning, causes, impacts and ways to prevent stunting. Knowledge of stunting was asked to population aged ≥ 10 year old.

- a. Proportion of the correct understanding of stunting knowledge by Province:

$$= \frac{\sum \text{Household members } \geq 10 \text{ years old who correctly answered stunting definition in } X \text{ Province}}{\sum \text{Household members aged } \geq 10 \text{ years old who know about stunting in } X \text{ Province}}$$
- b. Proportion of the correct understanding of stunting knowledge by Characteristic :

$$= \frac{\sum \text{Household members } \geq 10 \text{ years old who correctly answered stunting definition by characteristic}}{\sum \text{Household members aged } \geq 10 \text{ years old who know about stunting by characteristic}}$$
- c. Proportion of information sources about stunting by Province :

$$= \frac{\sum \text{Household members who answered information sources about stunting in } X \text{ Province}}{\sum \text{Household members aged } \geq 10 \text{ years old who know about stunting in } X \text{ Province}}$$
- d. Proportion of information sources about stunting by Characteristic :

$$= \frac{\sum \text{Household members who answered information sources about stunting by characteristic}}{\sum \text{Household members aged } \geq 10 \text{ years old who know about stunting by characteristic}}$$
- e. Proportion of the causes of stunting knowledge by Province:

$$= \frac{\sum \text{Household members who answered each of cause of stunting in } X \text{ Province}}{\sum \text{Household members aged } \geq 10 \text{ years old who know about stunting in } X \text{ Province}}$$
- f. Proportion of the causes of stunting knowledge by Characteristic :

$$= \frac{\sum \text{Household members who answered each of cause of stunting by characteristic}}{\sum \text{Household members aged } \geq 10 \text{ years old who know about stunting by characteristic}}$$
- g. Proportion of the impact of stunting knowledge by Province:

$$= \frac{\sum \text{Household members who answered each of impact of stunting in } X \text{ Province}}{\sum \text{Household members aged } \geq 10 \text{ years old who know about stunting in } X \text{ Province}}$$
- h. Proportion of the impact of stunting knowledge by Characteristic :

$$= \frac{\sum \text{Household members who answered each of impact of stunting by characteristic}}{\sum \text{Household members aged } \geq 10 \text{ years old who know about stunting by characteristic}}$$
- i. Proportion of stunting prevention knowledge by Province:

$$= \frac{\sum \text{Household members who answered on how to prevent stunting in } X \text{ Province}}{\sum \text{Household members aged } \geq 10 \text{ years old who know about stunting in } X \text{ Province}}$$
- j. Proportion of stunting prevention knowledge by Characteristic :

$$= \frac{\sum \text{Household members who answered on how to prevent stunting by characteristic}}{\sum \text{Household members aged } \geq 10 \text{ years old who know about stunting by characteristic}}$$

Table 11. 1 Proportion of Knowledge and Understanding of Stunting in Population Aged ≥10, 2023 SKI

| Province | Correct Knowledge of Stunted Children ¹ | | Weighted N |
|---------------------|--|--------------------|----------------|
| | % | 95% CI | |
| Aceh | 78.7 | 76.6 - 80.6 | 3,085 |
| North Sumatra | 75.1 | 72.8 - 77.2 | 6,743 |
| West Sumatra | 73.4 | 71.5 - 75.3 | 3,219 |
| Riau | 75.8 | 73.0 - 78.3 | 3,031 |
| Jambi | 82.9 | 80.6 - 84.9 | 2,028 |
| South Sumatra | 70.0 | 67.3 - 72.6 | 3,203 |
| Bengkulu | 77.0 | 74.2 - 79.6 | 1,079 |
| Lampung | 71.4 | 68.8 - 73.8 | 4,539 |
| Bangka Belitung | 78.3 | 75.2 - 81.1 | 981 |
| Riau Islands | 74.9 | 71.0 - 78.4 | 922 |
| DKI Jakarta | 66.6 | 63.6 - 69.5 | 5,758 |
| West Java | 67.7 | 66.2 - 69.2 | 25,632 |
| Central Java | 66.8 | 65.7 - 68.0 | 27,788 |
| DI Yogyakarta | 70.0 | 67.4 - 72.4 | 3,821 |
| East Java | 65.5 | 64.0 - 66.9 | 22,192 |
| Banten | 70.4 | 67.6 - 73.1 | 4,880 |
| Bali | 76.7 | 74.2 - 79.0 | 2,597 |
| West Nusa Tenggara | 67.7 | 64.7 - 70.5 | 2,979 |
| East Nusa Tenggara | 64.2 | 62.3 - 66.1 | 4,710 |
| West Kalimantan | 73.6 | 70.8 - 76.2 | 3,053 |
| Central Kalimantan | 75.7 | 72.7 - 78.5 | 1,336 |
| South Kalimantan | 72.5 | 70.1 - 74.7 | 2,436 |
| East Kalimantan | 73.8 | 70.8 - 76.6 | 2,397 |
| North Kalimantan | 81.3 | 76.9 - 85.0 | 397 |
| North Sulawesi | 75.2 | 72.8 - 77.5 | 1,513 |
| Central Sulawesi | 62.4 | 59.8 - 64.9 | 1,951 |
| South Sulawesi | 68.0 | 66.1 - 69.9 | 5,064 |
| South East Sulawesi | 71.1 | 68.9 - 73.3 | 1,365 |
| Gorontalo | 72.7 | 68.8 - 76.2 | 571 |
| West Sulawesi | 67.1 | 63.8 - 70.4 | 777 |
| Maluku | 71.4 | 67.3 - 75.1 | 941 |
| North Maluku | 74.4 | 70.9 - 77.5 | 438 |
| West Papua | 84.3 | 79.6 - 88.1 | 209 |
| Southwest Papua | 63.4 | 57.9 - 68.5 | 281 |
| Papua | 81.0 | 75.9 - 85.3 | 407 |
| South Papua | 81.3 | 75.1 - 86.2 | 114 |
| Central Papua | 83.7 | 60.7 - 94.5 | 418 |
| Highland Papua | 80.6 | 71.3 - 87.5 | 213 |
| INDONESIA | 69.4 | 68.9 - 69.8 | 153,068 |

¹ The correct knowledge about stunted children is that they fail to grow or their length/height is not appropriate for their age (short/stunted).

Table 11. 2 Proportion of Knowledge and Understanding of Stunting in Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Correct Knowledge of Stunted Children ¹ | | Weighted N |
|--|--|-------------|------------|
| | % | 95%CI | |
| Age Range (Year) | | | |
| 10-14 | 64.2 | 61.0 - 67.2 | 2,928 |
| 15-19 | 67.1 | 65.5 - 68.7 | 10,366 |
| 20-24 | 69.8 | 68.4 - 71.2 | 17,217 |
| 25-29 | 72.0 | 70.9 - 73.0 | 23,539 |
| 30-34 | 73.1 | 72.1 - 74.1 | 24,376 |
| 35-39 | 71.4 | 70.4 - 72.5 | 21,512 |
| 40-44 | 68.6 | 67.5 - 69.7 | 17,288 |
| 45-49 | 67.4 | 66.0 - 68.7 | 13,426 |
| 50-54 | 64.5 | 63.0 - 65.9 | 9,613 |
| 55-59 | 63.7 | 61.9 - 65.5 | 6,393 |
| 60-64 | 63.8 | 61.2 - 66.3 | 3,421 |
| 65 + | 60.9 | 58.1 - 63.6 | 2,990 |
| Sex | | | |
| Male | 67.9 | 67.1 - 68.7 | 48,449 |
| Female | 70.0 | 69.5 - 70.6 | 104,619 |
| Education | | | |
| Never attended school | 63.6 | 60.2 - 66.9 | 1,853 |
| Some primary school/Islamic primary school | 64.0 | 61.6 - 66.3 | 4,746 |
| Primary school/Islamic primary school graduate | 63.7 | 62.5 - 64.8 | 21,164 |
| Junior secondary school/Islamic junior secondary school graduate | 67.2 | 66.3 - 68.2 | 29,766 |
| Senior secondary school/Islamic senior secondary school graduate | 69.3 | 68.5 - 70.0 | 60,428 |
| D1/D2/D3/university graduate | 75.8 | 74.9 - 76.6 | 35,111 |
| Occupation | | | |
| Unemployed | 68.6 | 67.9 - 69.3 | 53,600 |
| Student | 67.5 | 66.0 - 68.9 | 14,392 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 79.4 | 78.3 - 80.4 | 11,590 |
| Private employee | 70.0 | 68.7 - 71.2 | 22,187 |
| Self-employed | 67.5 | 66.3 - 68.6 | 20,862 |
| Farmer/farm worker | 64.5 | 63.0 - 66.0 | 11,291 |
| Fisher | 68.6 | 61.6 - 74.9 | 437 |
| Labor/driver/domestic help | 64.5 | 62.2 - 66.8 | 6,320 |
| Others | 74.4 | 73.2 - 75.6 | 12,390 |
| Residence | | | |
| Urban | 69.3 | 68.7 - 69.9 | 94,875 |
| Rural | 69.5 | 68.7 - 70.2 | 58,193 |
| Economic Status | | | |
| Lowest | 64.2 | 62.7 - 65.6 | 13,814 |
| Lower middle | 66.2 | 65.1 - 67.3 | 21,278 |
| Middle | 67.8 | 66.8 - 68.8 | 27,700 |
| Upper middle | 70.2 | 69.3 - 71.1 | 36,610 |
| Highest | 72.2 | 71.4 - 72.9 | 53,651 |

¹ The correct knowledge about stunted children is that they fail to grow or their length/height is not appropriate for their age (short/stunted).

Table 11. 3 Detailed Proportion of Knowledge of Understanding Stunting in Population Aged ≥10 by Province, 2023 SKI

| Province | Respondent's knowledge about Stunting | | | | | | | | Weighted N | |
|---------------------|---------------------------------------|-----------------|-------------|------------------------------------|----------------------------|------------------------|---------------------------|------------------------|------------|----------------|
| | Does not gaining weight | Failure to grow | Dwarfism | Malnutrition /wasting ¹ | Short/stunted ² | Prolonged Malnutrition | Under weight ³ | Chronic lack of energy | | |
| Aceh | 68.8 | 66.0 | 71.5 | 51.3 | 50.9 | 46.4 | 34.0 | 16.4 | 12.9 | 3,085 |
| North Sumatra | 63.6 | 58.3 | 55.9 | 59.7 | 55.7 | 51.5 | 38.5 | 16.9 | 13.8 | 6,743 |
| West Sumatra | 59.8 | 59.0 | 56.0 | 57.3 | 50.3 | 50.6 | 36.4 | 18.2 | 14.8 | 3,219 |
| Riau | 62.3 | 61.1 | 68.5 | 51.9 | 52.9 | 46.6 | 37.9 | 16.0 | 12.5 | 3,031 |
| Jambi | 74.7 | 69.9 | 72.7 | 56.6 | 59.7 | 55.3 | 41.6 | 22.3 | 19.1 | 2,028 |
| South Sumatra | 62.1 | 56.6 | 55.8 | 54.0 | 45.5 | 47.9 | 31.8 | 14.5 | 9.9 | 3,203 |
| Bengkulu | 65.6 | 69.9 | 62.7 | 55.3 | 45.3 | 52.0 | 36.0 | 19.6 | 14.2 | 1,079 |
| Lampung | 60.0 | 59.3 | 55.2 | 55.1 | 46.2 | 44.1 | 34.2 | 13.1 | 10.7 | 4,539 |
| Bangka Belitung | 64.2 | 67.9 | 70.6 | 59.7 | 54.0 | 52.3 | 41.5 | 18.9 | 14.8 | 981 |
| Riau Islands | 58.9 | 55.9 | 53.2 | 56.8 | 52.7 | 40.0 | 36.7 | 9.9 | 7.3 | 922 |
| DKI Jakarta | 49.6 | 49.8 | 36.5 | 54.2 | 42.2 | 47.6 | 30.8 | 9.4 | 7.0 | 5,758 |
| West Java | 41.7 | 52.0 | 33.7 | 46.4 | 36.5 | 42.4 | 25.1 | 9.7 | 6.3 | 25,632 |
| Central Java | 48.2 | 49.1 | 40.1 | 50.4 | 40.3 | 44.6 | 26.5 | 7.3 | 5.1 | 27,788 |
| DI Yogyakarta | 42.6 | 47.5 | 31.5 | 49.6 | 43.3 | 44.8 | 32.9 | 7.2 | 4.1 | 3,821 |
| East Java | 46.6 | 45.6 | 39.8 | 53.8 | 46.4 | 48.9 | 30.9 | 10.9 | 7.3 | 22,192 |
| Banten | 51.1 | 55.3 | 42.9 | 51.3 | 42.1 | 44.5 | 31.8 | 10.9 | 8.4 | 4,880 |
| Bali | 59.0 | 61.0 | 54.8 | 54.5 | 54.5 | 50.5 | 38.5 | 19.4 | 16.4 | 2,597 |
| West Nusa Tenggara | 50.1 | 53.9 | 61.5 | 44.6 | 39.5 | 40.4 | 22.9 | 11.0 | 7.2 | 2,979 |
| East Nusa Tenggara | 57.2 | 50.7 | 58.8 | 49.5 | 41.7 | 47.2 | 29.9 | 15.6 | 12.1 | 4,710 |
| West Kalimantan | 61.9 | 60.4 | 65.9 | 55.6 | 51.5 | 48.6 | 37.5 | 16.6 | 12.4 | 3,053 |
| Central Kalimantan | 69.9 | 65.1 | 69.5 | 52.0 | 49.6 | 46.7 | 38.3 | 20.2 | 18.4 | 1,336 |
| South Kalimantan | 55.7 | 53.3 | 58.9 | 50.8 | 50.7 | 41.5 | 29.8 | 13.5 | 11.2 | 2,436 |
| East Kalimantan | 55.5 | 59.4 | 51.3 | 59.7 | 49.9 | 45.8 | 37.3 | 18.6 | 15.1 | 2,397 |
| North Kalimantan | 72.2 | 69.5 | 65.2 | 60.4 | 59.0 | 47.9 | 43.1 | 21.0 | 18.8 | 397 |
| North Sulawesi | 63.8 | 62.9 | 57.8 | 63.9 | 53.2 | 53.5 | 42.1 | 18.9 | 14.0 | 1,513 |
| Central Sulawesi | 46.8 | 47.8 | 49.4 | 45.5 | 35.4 | 39.6 | 23.6 | 10.2 | 6.8 | 1,951 |
| South Sulawesi | 52.6 | 57.2 | 55.1 | 49.6 | 39.7 | 46.0 | 30.8 | 14.2 | 11.4 | 5,064 |
| South East Sulawesi | 65.4 | 63.7 | 59.5 | 52.7 | 40.8 | 44.2 | 36.0 | 17.3 | 12.6 | 1,365 |
| Gorontalo | 50.7 | 56.0 | 65.1 | 50.6 | 53.0 | 52.7 | 38.2 | 16.9 | 12.9 | 571 |
| West Sulawesi | 54.9 | 57.7 | 52.6 | 51.2 | 38.0 | 44.9 | 29.0 | 14.5 | 9.7 | 777 |
| Maluku | 65.2 | 59.8 | 50.0 | 46.9 | 41.4 | 43.6 | 32.7 | 16.1 | 11.4 | 941 |
| North Maluku | 71.6 | 66.5 | 70.5 | 56.6 | 51.3 | 54.3 | 41.3 | 26.2 | 19.7 | 438 |
| West Papua | 72.4 | 70.9 | 68.1 | 64.4 | 65.3 | 61.1 | 50.3 | 36.0 | 23.2 | 209 |
| Southwest Papua | 63.0 | 54.1 | 53.2 | 44.3 | 38.2 | 50.1 | 33.9 | 16.7 | 9.8 | 281 |
| Papua | 69.5 | 72.9 | 65.7 | 63.5 | 58.3 | 60.0 | 52.6 | 34.3 | 30.3 | 407 |
| South Papua | 60.1 | 70.8 | 71.6 | 44.0 | 50.8 | 50.1 | 39.9 | 26.7 | 19.4 | 114 |
| Central Papua | 82.1 | 80.3 | 53.6 | 59.6 | 76.2 | 81.1 | 74.3 | 69.3 | 66.1 | 418 |
| Highland Papua | 84.6 | 77.1 | 79.2 | 54.6 | 64.8 | 65.6 | 59.1 | 51.4 | 46.6 | 213 |
| INDONESIA | 52.0 | 53.4 | 46.6 | 53.5 | 44.1 | 46.2 | 30.9 | 12.3 | 9.1 | 153,068 |

¹ Body weight does not match body length/height

² Length/height does not match age

³ Body weight does not match age

Table 11. 4 Detailed Proportion of Knowledge of Understanding Stunting in Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Respondent's knowledge about Stunting | | | | | | | | | Weighted N |
|--|---------------------------------------|-----------------|----------|------------------------------------|-----------------------------|------------------------|---------------------------|------------------------|--------|------------|
| | Does not gaining weight | Failure to grow | Dwarfism | Malnutrition /wasting ¹ | Short/ stunted ² | Prolonged Malnutrition | Under weight ³ | Chronic lack of energy | Anemia | |
| Age Range (Year) | | | | | | | | | | |
| 10-14 | 42.5 | 49.3 | 49.5 | 36.4 | 35.7 | 39.0 | 20.1 | 8.8 | 7.5 | 2,928 |
| 15-19 | 45.1 | 53.1 | 46.6 | 43.3 | 37.9 | 42.5 | 24.3 | 9.8 | 7.7 | 10,366 |
| 20-24 | 53.6 | 53.6 | 46.6 | 52.3 | 43.1 | 45.9 | 31.2 | 12.6 | 8.8 | 17,217 |
| 25-29 | 54.5 | 54.8 | 46.2 | 53.8 | 46.2 | 44.4 | 32.2 | 12.2 | 9.1 | 23,539 |
| 30-34 | 54.8 | 56.0 | 46.5 | 55.1 | 47.9 | 45.2 | 32.8 | 12.8 | 9.4 | 24,376 |
| 35-39 | 53.1 | 54.9 | 46.2 | 53.7 | 46.1 | 45.8 | 32.6 | 12.6 | 9.6 | 21,512 |
| 40-44 | 51.7 | 52.8 | 46.0 | 53.8 | 44.2 | 47.4 | 31.6 | 12.2 | 9.2 | 17,288 |
| 45-49 | 50.8 | 51.7 | 47.5 | 54.1 | 43.4 | 48.2 | 30.6 | 12.9 | 9.6 | 13,426 |
| 50-54 | 49.4 | 50.4 | 47.7 | 52.8 | 41.2 | 50.5 | 29.1 | 12.4 | 9.2 | 9,613 |
| 55-59 | 50.1 | 50.2 | 47.2 | 54.1 | 41.7 | 50.6 | 30.6 | 13.1 | 9.3 | 6,393 |
| 60-64 | 48.7 | 48.4 | 45.2 | 52.6 | 41.2 | 50.0 | 28.5 | 12.0 | 9.3 | 3,421 |
| 65 + | 47.6 | 48.9 | 49.0 | 50.2 | 38.9 | 51.1 | 28.6 | 13.0 | 8.6 | 2,990 |
| Sex | | | | | | | | | | |
| Male | 50.1 | 54.5 | 48.3 | 51.9 | 41.3 | 47.3 | 29.4 | 12.4 | 9.2 | 48,449 |
| Female | 52.8 | 52.9 | 45.9 | 54.1 | 45.4 | 45.7 | 31.5 | 12.2 | 9.1 | 104,619 |
| Education | | | | | | | | | | |
| Never attended school | 55.4 | 50.7 | 57.2 | 45.6 | 39.8 | 41.0 | 27.1 | 14.3 | 10.1 | 1,853 |
| Some primary school/Islamic primary school | 51.2 | 48.5 | 52.2 | 44.8 | 39.1 | 41.5 | 26.4 | 10.6 | 7.7 | 4,746 |
| Primary school/Islamic primary school graduate | 49.3 | 47.7 | 46.9 | 45.7 | 38.0 | 41.7 | 23.6 | 9.4 | 6.8 | 21,164 |
| Junior secondary school/Islamic junior secondary school graduate | 50.6 | 51.4 | 45.7 | 48.8 | 40.2 | 43.2 | 26.9 | 9.8 | 7.4 | 29,766 |
| Senior secondary school/Islamic senior secondary school graduate | 51.6 | 53.3 | 44.6 | 53.6 | 43.7 | 45.8 | 30.8 | 11.4 | 8.3 | 60,428 |
| D1/D2/D3/university graduate | 55.3 | 59.7 | 49.5 | 61.8 | 52.7 | 53.3 | 39.5 | 17.8 | 13.6 | 35,111 |
| Occupation | | | | | | | | | | |
| Unemployed | 51.2 | 51.5 | 44.0 | 52.5 | 42.9 | 43.5 | 28.8 | 10.2 | 7.3 | 53,600 |
| Student | 46.2 | 53.3 | 47.2 | 47.4 | 39.0 | 43.9 | 26.6 | 10.8 | 8.3 | 14,392 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 61.3 | 64.7 | 57.9 | 66.2 | 56.8 | 56.1 | 43.1 | 21.4 | 17.4 | 11,590 |
| Private employee | 51.0 | 53.4 | 43.1 | 56.7 | 45.3 | 48.1 | 32.8 | 12.6 | 8.8 | 22,187 |
| Self-employed | 52.1 | 52.5 | 46.5 | 54.6 | 43.5 | 47.8 | 31.0 | 12.4 | 8.8 | 20,862 |
| Farmer/farm worker | 54.9 | 50.3 | 51.5 | 51.2 | 41.1 | 45.2 | 27.6 | 12.1 | 9.4 | 11,291 |
| Fisher | 57.7 | 58.6 | 62.7 | 52.9 | 43.6 | 42.7 | 32.7 | 13.1 | 12.2 | 437 |
| Labor/driver/domestic help | 43.2 | 48.6 | 39.9 | 48.8 | 36.4 | 42.4 | 25.2 | 8.4 | 5.6 | 6,320 |
| Others | 56.4 | 58.0 | 51.9 | 57.3 | 49.3 | 48.9 | 35.2 | 15.9 | 12.6 | 12,390 |
| Residence | | | | | | | | | | |
| Urban | 49.5 | 53.1 | 43.7 | 54.6 | 44.0 | 46.8 | 31.2 | 12.0 | 8.8 | 94,875 |
| Rural | 56.0 | 54.1 | 51.5 | 53.3 | 44.3 | 45.4 | 30.4 | 12.8 | 9.6 | 58,193 |
| Economic Status | | | | | | | | | | |
| Lowest | 52.3 | 48.4 | 49.2 | 47.9 | 40.0 | 42.7 | 26.8 | 12.4 | 9.6 | 13,814 |
| Lower middle | 50.6 | 50.1 | 46.9 | 49.9 | 40.6 | 43.1 | 26.4 | 9.9 | 6.8 | 21,278 |
| Middle | 52.1 | 52.0 | 46.2 | 50.7 | 41.2 | 43.9 | 28.0 | 10.6 | 7.5 | 27,700 |
| Upper middle | 51.5 | 54.3 | 46.1 | 54.1 | 44.1 | 45.2 | 30.6 | 11.8 | 8.7 | 36,610 |
| Highest | 52.6 | 56.2 | 46.4 | 59.1 | 48.1 | 50.3 | 35.3 | 14.5 | 11.0 | 53,651 |

¹ Body weight does not match body length/height

² Length/height does not match age

³ Body weight does not match age

Table 11. 5 Proportion of Information Sources about Stunting in Population Aged ≥10 by Province, 2023 SKI

| Province | Information Sources about Stunting | | | | | | | | Weighted N | |
|---------------------|------------------------------------|--------------------|-------------------------------------|------------------|-------------|--------------------|------------|------------------|----------------|--|
| | Health workers/cadres | | Family/parents/friends/other family | | Mass Media | | Others | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 56.6 | 54.3 - 58.9 | 9.2 | 8.1 - 10.5 | 32.4 | 30.2 - 34.6 | 1.8 | 1.4 - 2.4 | 3,085 | |
| North Sumatra | 43.9 | 41.7 - 46.2 | 9.3 | 8.1 - 10.8 | 44.6 | 42.4 - 46.9 | 2.1 | 1.7 - 2.7 | 6,743 | |
| West Sumatra | 41.8 | 39.7 - 44.0 | 8.7 | 7.6 - 10.0 | 46.0 | 43.8 - 48.2 | 3.5 | 2.8 - 4.2 | 3,219 | |
| Riau | 43.4 | 40.1 - 46.7 | 9.2 | 7.1 - 11.8 | 45.3 | 42.2 - 48.5 | 2.1 | 1.4 - 3.1 | 3,031 | |
| Jambi | 53.6 | 50.5 - 56.8 | 7.8 | 6.5 - 9.2 | 37.5 | 34.4 - 40.8 | 1.1 | 0.6 - 1.8 | 2,028 | |
| South Sumatra | 43.8 | 41.3 - 46.4 | 8.4 | 7.1 - 9.8 | 45.4 | 42.7 - 48.1 | 2.4 | 1.8 - 3.2 | 3,203 | |
| Bengkulu | 46.2 | 42.8 - 49.6 | 9.8 | 8.1 - 11.9 | 42.2 | 38.7 - 45.7 | 1.8 | 1.1 - 3.1 | 1,079 | |
| Lampung | 52.8 | 49.9 - 55.6 | 8.4 | 7.0 - 10.0 | 36.4 | 33.8 - 39.1 | 2.4 | 1.8 - 3.2 | 4,539 | |
| Bangka Belitung | 35.4 | 32.1 - 38.8 | 12.6 | 10.6 - 15.0 | 50.0 | 46.1 - 53.8 | 2.0 | 1.4 - 2.8 | 981 | |
| Riau Islands | 38.8 | 34.1 - 43.8 | 5.7 | 4.4 - 7.4 | 52.4 | 47.6 - 57.2 | 3.0 | 2.0 - 4.5 | 922 | |
| DKI Jakarta | 30.2 | 27.3 - 33.2 | 4.7 | 3.5 - 6.3 | 61.3 | 58.2 - 64.4 | 3.8 | 2.7 - 5.2 | 5,758 | |
| West Java | 34.8 | 33.3 - 36.4 | 5.9 | 5.2 - 6.7 | 55.6 | 53.9 - 57.3 | 3.7 | 3.2 - 4.3 | 25,632 | |
| Central Java | 43.6 | 42.3 - 44.9 | 9.4 | 8.7 - 10.3 | 42.6 | 41.3 - 43.9 | 4.4 | 3.9 - 4.9 | 27,788 | |
| DI Yogyakarta | 38.3 | 35.8 - 40.9 | 6.0 | 4.9 - 7.2 | 50.3 | 47.6 - 53.1 | 5.4 | 4.2 - 6.9 | 3,821 | |
| East Java | 41.4 | 39.9 - 42.8 | 8.2 | 7.5 - 9.0 | 46.2 | 44.7 - 47.6 | 4.2 | 3.7 - 4.8 | 22,192 | |
| Banten | 28.5 | 25.8 - 31.3 | 4.6 | 3.5 - 6.0 | 64.5 | 61.4 - 67.4 | 2.4 | 1.7 - 3.5 | 4,880 | |
| Bali | 40.3 | 37.5 - 43.1 | 6.5 | 5.3 - 7.9 | 50.4 | 47.7 - 53.1 | 2.8 | 2.1 - 3.7 | 2,597 | |
| West Nusa Tenggara | 53.9 | 50.5 - 57.3 | 7.4 | 6.2 - 8.9 | 34.4 | 31.0 - 37.9 | 4.3 | 3.4 - 5.4 | 2,979 | |
| East Nusa Tenggara | 58.5 | 56.6 - 60.4 | 9.1 | 8.1 - 10.1 | 28.3 | 26.3 - 30.3 | 4.2 | 3.5 - 5.0 | 4,710 | |
| West Kalimantan | 43.8 | 40.7 - 46.9 | 10.4 | 8.6 - 12.4 | 43.6 | 40.5 - 46.8 | 2.2 | 1.6 - 2.9 | 3,053 | |
| Central Kalimantan | 41.2 | 37.5 - 44.9 | 10.2 | 7.9 - 13.1 | 45.1 | 41.3 - 48.9 | 3.5 | 2.4 - 5.2 | 1,336 | |
| South Kalimantan | 46.4 | 43.6 - 49.4 | 9.6 | 8.3 - 11.0 | 41.4 | 38.4 - 44.5 | 2.6 | 1.9 - 3.4 | 2,436 | |
| East Kalimantan | 36.7 | 33.1 - 40.4 | 8.6 | 6.7 - 11.0 | 51.9 | 48.0 - 55.8 | 2.8 | 2.1 - 3.8 | 2,397 | |
| North Kalimantan | 62.2 | 57.0 - 67.2 | 6.6 | 4.8 - 8.9 | 29.3 | 24.6 - 34.5 | 1.9 | 1.0 - 3.6 | 397 | |
| North Sulawesi | 47.0 | 43.5 - 50.5 | 8.9 | 7.4 - 10.7 | 42.0 | 38.4 - 45.7 | 2.1 | 1.6 - 2.8 | 1,513 | |
| Central Sulawesi | 54.1 | 51.1 - 57.0 | 9.3 | 8.1 - 10.6 | 32.3 | 29.7 - 35.0 | 4.4 | 3.4 - 5.7 | 1,951 | |
| South Sulawesi | 51.1 | 48.9 - 53.3 | 8.7 | 7.6 - 9.9 | 35.7 | 33.4 - 38.0 | 4.5 | 3.7 - 5.5 | 5,064 | |
| South East Sulawesi | 50.5 | 47.6 - 53.3 | 8.4 | 7.2 - 9.8 | 37.7 | 34.8 - 40.6 | 3.5 | 2.7 - 4.4 | 1,365 | |
| Gorontalo | 56.4 | 52.5 - 60.3 | 7.7 | 6.0 - 9.7 | 31.8 | 28.3 - 35.5 | 4.1 | 2.9 - 5.9 | 571 | |
| West Sulawesi | 62.2 | 58.1 - 66.0 | 7.7 | 6.2 - 9.5 | 25.6 | 22.3 - 29.2 | 4.6 | 3.2 - 6.5 | 777 | |
| Maluku | 53.5 | 49.1 - 57.9 | 8.5 | 6.7 - 10.7 | 34.6 | 30.3 - 39.3 | 3.3 | 2.3 - 4.7 | 941 | |
| North Maluku | 60.0 | 56.4 - 63.6 | 8.6 | 6.9 - 10.7 | 28.2 | 25.0 - 31.6 | 3.1 | 1.8 - 5.4 | 438 | |
| West Papua | 58.2 | 51.1 - 65.0 | 5.1 | 3.4 - 7.6 | 33.8 | 27.8 - 40.4 | 2.8 | 1.9 - 4.3 | 209 | |
| Southwest Papua | 49.8 | 44.0 - 55.6 | 5.7 | 4.0 - 8.0 | 40.2 | 34.1 - 46.7 | 4.3 | 2.7 - 6.8 | 281 | |
| Papua | 45.5 | 40.1 - 51.0 | 4.4 | 2.8 - 6.8 | 43.2 | 37.7 - 48.8 | 7.0 | 4.2 - 11.2 | 407 | |
| South Papua | 48.1 | 38.8 - 57.6 | 6.9 | 4.4 - 10.8 | 40.4 | 32.2 - 49.2 | 4.5 | 1.8 - 11.1 | 114 | |
| Central Papua | 39.9 | 20.0 - 63.8 | 46.1 | 22.7 - 71.4 | 10.0 | 5.5 - 17.3 | 4.0 | 1.9 - 8.2 | 418 | |
| Highland Papua | 59.5 | 50.2 - 68.1 | 5.9 | 3.3 - 10.4 | 31.4 | 21.7 - 43.0 | 3.3 | 1.1 - 9.1 | 213 | |
| INDONESIA | 42.6 | 42.1 - 43.1 | 8.1 | 7.8 - 8.4 | 45.7 | 45.2 - 46.3 | 3.6 | 3.4 - 3.8 | 153,068 | |

Table 11. 6 Proportion of Information Sources about Stunting in Population Aged ≥10 by Characteristic, 2023 SKI

| Province | Information Sources about Stunting | | | | | | | | |
|--|------------------------------------|-------------|-------------------------------------|-------------|------------|-------------|--------|-------------|------------|
| | Health workers/cadres | | Family/parents/friends/other family | | Mass Media | | Others | | Weighted N |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | | | | | |
| 10-14 | 25.3 | 22.5 - 28.3 | 13.9 | 12.2 - 15.9 | 45.9 | 42.9 - 49.0 | 14.9 | 12.7 - 17.3 | 2,928 |
| 15-19 | 22.1 | 20.8 - 23.5 | 9.2 | 8.3 - 10.3 | 59.0 | 57.3 - 60.7 | 9.7 | 8.6 - 10.8 | 10,366 |
| 20-24 | 35.9 | 34.5 - 37.3 | 7.6 | 6.8 - 8.4 | 51.6 | 50.1 - 53.0 | 5.0 | 4.4 - 5.7 | 17,217 |
| 25-29 | 46.4 | 45.3 - 47.6 | 7.4 | 6.7 - 8.1 | 43.8 | 42.7 - 45.0 | 2.3 | 2.0 - 2.7 | 23,539 |
| 30-34 | 48.3 | 47.2 - 49.4 | 6.1 | 5.6 - 6.6 | 43.0 | 41.8 - 44.1 | 2.7 | 2.3 - 3.0 | 24,376 |
| 35-39 | 47.1 | 45.9 - 48.3 | 6.9 | 6.0 - 8.0 | 43.3 | 42.1 - 44.5 | 2.7 | 2.3 - 3.1 | 21,512 |
| 40-44 | 46.2 | 45.0 - 47.4 | 8.1 | 7.5 - 8.8 | 42.9 | 41.6 - 44.1 | 2.8 | 2.5 - 3.2 | 17,288 |
| 45-49 | 44.4 | 43.0 - 45.8 | 8.5 | 7.5 - 9.7 | 44.1 | 42.7 - 45.6 | 2.9 | 2.5 - 3.5 | 13,426 |
| 50-54 | 43.6 | 42.1 - 45.1 | 9.8 | 8.9 - 10.8 | 44.1 | 42.5 - 45.6 | 2.5 | 2.1 - 3.0 | 9,613 |
| 55-59 | 42.8 | 41.0 - 44.7 | 11.5 | 10.3 - 12.8 | 43.3 | 41.4 - 45.2 | 2.3 | 1.8 - 3.0 | 6,393 |
| 60-64 | 37.5 | 35.0 - 40.0 | 10.4 | 9.0 - 12.0 | 49.4 | 46.7 - 52.0 | 2.7 | 1.9 - 3.7 | 3,421 |
| 65 + | 34.4 | 31.8 - 37.2 | 12.4 | 10.8 - 14.3 | 50.6 | 47.7 - 53.5 | 2.6 | 1.7 - 3.7 | 2,990 |
| Sex | | | | | | | | | |
| Male | 30.4 | 29.6 - 31.1 | 9.9 | 9.3 - 10.5 | 56.5 | 55.6 - 57.4 | 3.3 | 3.0 - 3.6 | 48,449 |
| Female | 48.3 | 47.7 - 48.9 | 7.2 | 6.9 - 7.5 | 40.7 | 40.2 - 41.3 | 3.8 | 3.6 - 4.0 | 104,619 |
| Education¹ | | | | | | | | | |
| Never attended school | 50.5 | 46.9 - 54.0 | 11.0 | 9.2 - 13.1 | 35.3 | 31.6 - 39.1 | 3.3 | 2.4 - 4.5 | 1,853 |
| Some primary school | 50.6 | 48.1 - 53.1 | 13.4 | 11.9 - 15 | 31.4 | 29.1 - 33.8 | 4.7 | 3.8 - 5.8 | 4,746 |
| Primary school graduate | 52.5 | 51.2 - 53.8 | 11.1 | 10.3 - 12 | 32.5 | 31.3 - 33.7 | 3.9 | 3.5 - 4.4 | 21,164 |
| Junior secondary school graduate | 48.3 | 47.3 - 49.3 | 8.6 | 8.1 - 9.2 | 39.2 | 38.2 - 40.3 | 3.9 | 3.4 - 4.3 | 29,766 |
| Senior secondary school graduate | 40.2 | 39.4 - 40.9 | 7.7 | 7.2 - 8.2 | 49.2 | 48.4 - 49.9 | 3.0 | 2.7 - 3.2 | 60,428 |
| D1/D2/D3/university graduate | 34.6 | 33.7 - 35.4 | 5.5 | 5.1 - 5.9 | 55.8 | 54.9 - 56.7 | 4.2 | 3.8 - 4.5 | 35,111 |
| Occupation² | | | | | | | | | |
| Unemployed | 51.1 | 50.3 - 51.9 | 7.1 | 6.7 - 7.5 | 39.1 | 38.3 - 39.9 | 2.7 | 2.4 - 3.0 | 53,600 |
| Student | 21.4 | 20.3 - 22.6 | 9.5 | 8.6 - 10.4 | 58.2 | 56.8 - 59.7 | 10.9 | 9.9 - 11.9 | 14,392 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 39.0 | 37.6 - 40.3 | 5.8 | 5.3 - 6.4 | 50.8 | 49.4 - 52.2 | 4.4 | 3.8 - 5.0 | 11,590 |
| Private employee | 31.0 | 29.8 - 32.2 | 6.4 | 5.7 - 7.1 | 59.6 | 58.3 - 60.9 | 3.1 | 2.7 - 3.5 | 22,187 |
| Self-employed | 40.0 | 38.9 - 41.2 | 8.7 | 8.0 - 9.4 | 48.8 | 47.6 - 50.0 | 2.5 | 2.1 - 3.0 | 20,862 |
| Farmer/farm worker | 55.5 | 53.7 - 57.3 | 14.6 | 12.9 - 16.4 | 28.1 | 26.7 - 29.5 | 1.9 | 1.5 - 2.3 | 11,291 |
| Fisher | 43.8 | 37.6 - 50.2 | 14.9 | 10.5 - 20.7 | 39.4 | 32.4 - 46.9 | 1.8 | 0.9 - 3.7 | 437 |
| Labor/driver/domestic help | 38.7 | 36.3 - 41.2 | 10.4 | 9.0 - 12.0 | 48.2 | 45.6 - 50.8 | 2.7 | 2.1 - 3.5 | 6,320 |
| Others | 49.3 | 47.9 - 50.8 | 7.3 | 6.6 - 8.0 | 40.1 | 38.7 - 41.6 | 3.3 | 2.9 - 3.8 | 12,390 |
| Residence | | | | | | | | | |
| Urban | 35.8 | 35.2 - 36.5 | 7.1 | 6.8 - 7.4 | 53.3 | 52.7 - 54.0 | 3.8 | 3.5 - 4.0 | 94,875 |
| Rural | 53.7 | 52.7 - 54.6 | 9.7 | 9.1 - 10.3 | 33.3 | 32.4 - 34.2 | 3.3 | 3.1 - 3.7 | 58,193 |
| Economic Status | | | | | | | | | |
| Lowest | 56.8 | 55.2 - 58.4 | 11.6 | 10.3 - 13.2 | 28.2 | 26.8 - 29.6 | 3.4 | 2.9 - 3.9 | 13,814 |
| Lower middle | 52.9 | 51.7 - 54.1 | 9.3 | 8.6 - 9.9 | 34.5 | 33.4 - 35.7 | 3.4 | 3.0 - 3.8 | 21,278 |
| Middle | 48.1 | 47.0 - 49.2 | 8.6 | 8.0 - 9.2 | 40.0 | 38.9 - 41.0 | 3.3 | 3.0 - 3.7 | 27,700 |
| Upper middle | 42.8 | 41.8 - 43.8 | 7.9 | 7.4 - 8.5 | 46.1 | 45.1 - 47.1 | 3.2 | 2.8 - 3.6 | 36,610 |
| Highest | 31.9 | 31.2 - 32.7 | 6.5 | 6.1 - 6.9 | 57.4 | 56.5 - 58.3 | 4.2 | 3.9 - 4.5 | 53,651 |

Table 11. 7 Proportion of the Causes of Stunting Knowledge in Population Aged ≥10 by Province, 2023 SKI

| Province | Causes of Stunting Knowledge (%) | | | | | | Weighted N |
|---------------------|--|--|--------------------|------------------------------------|-------------|---------------------|----------------|
| | Less nutritious children's food intake | Insufficient maternal nutritional intake during pre- and pregnancy periods | Lack of sanitation | Children often suffer from illness | Poverty | Hereditary Diseases | |
| Aceh | 89.4 | 55.5 | 40.0 | 25.9 | 27.3 | 44.6 | 3,085 |
| North Sumatra | 93.2 | 56.2 | 40.1 | 28.6 | 31.5 | 32.0 | 6,743 |
| West Sumatra | 89.3 | 55.0 | 37.3 | 24.9 | 26.3 | 32.9 | 3,219 |
| Riau | 92.7 | 57.4 | 37.6 | 25.6 | 27.5 | 34.9 | 3,031 |
| Jambi | 94.7 | 66.9 | 52.5 | 39.3 | 37.2 | 51.1 | 2,028 |
| South Sumatra | 92.5 | 51.9 | 32.8 | 20.4 | 22.6 | 24.7 | 3,203 |
| Bengkulu | 93.6 | 59.0 | 44.3 | 27.6 | 28.9 | 29.8 | 1,079 |
| Lampung | 88.2 | 49.5 | 32.8 | 20.5 | 22.0 | 31.2 | 4,539 |
| Bangka Belitung | 89.7 | 60.5 | 45.0 | 26.2 | 28.1 | 37.7 | 981 |
| Riau Islands | 86.5 | 54.2 | 29.0 | 18.4 | 20.3 | 24.7 | 922 |
| DKI Jakarta | 86.7 | 51.7 | 25.0 | 14.9 | 20.4 | 18.2 | 5,758 |
| West Java | 81.8 | 39.9 | 24.6 | 13.0 | 15.1 | 18.7 | 25,632 |
| Central Java | 83.5 | 40.7 | 20.0 | 12.7 | 11.8 | 19.6 | 27,788 |
| DI Yogyakarta | 86.6 | 45.5 | 16.9 | 11.1 | 11.9 | 18.5 | 3,821 |
| East Java | 87.6 | 46.6 | 23.7 | 17.3 | 16.9 | 22.2 | 22,192 |
| Banten | 86.4 | 44.9 | 28.7 | 16.2 | 18.3 | 24.6 | 4,880 |
| Bali | 91.4 | 55.2 | 31.1 | 24.3 | 21.8 | 30.7 | 2,597 |
| West Nusa Tenggara | 85.1 | 41.0 | 24.3 | 15.0 | 14.1 | 29.5 | 2,979 |
| East Nusa Tenggara | 87.1 | 44.6 | 31.9 | 19.4 | 21.2 | 36.1 | 4,710 |
| West Kalimantan | 93.3 | 55.4 | 34.2 | 26.6 | 24.5 | 29.1 | 3,053 |
| Central Kalimantan | 90.8 | 56.1 | 43.2 | 32.5 | 35.2 | 36.1 | 1,336 |
| South Kalimantan | 90.2 | 48.3 | 28.8 | 19.4 | 22.1 | 28.2 | 2,436 |
| East Kalimantan | 86.4 | 51.6 | 33.4 | 21.9 | 21.9 | 32.2 | 2,397 |
| North Kalimantan | 92.9 | 62.5 | 43.4 | 30.7 | 25.4 | 38.9 | 397 |
| North Sulawesi | 91.4 | 56.6 | 36.1 | 24.0 | 21.9 | 32.6 | 1,513 |
| Central Sulawesi | 80.5 | 37.3 | 24.5 | 13.4 | 14.8 | 24.1 | 1,951 |
| South Sulawesi | 84.4 | 42.2 | 28.7 | 17.5 | 15.9 | 27.4 | 5,064 |
| South East Sulawesi | 87.8 | 48.5 | 29.2 | 23.3 | 20.4 | 26.6 | 1,365 |
| Gorontalo | 85.0 | 46.6 | 33.2 | 20.5 | 17.2 | 31.2 | 571 |
| West Sulawesi | 83.2 | 40.7 | 26.7 | 16.8 | 14.7 | 23.5 | 777 |
| Maluku | 84.1 | 47.2 | 33.1 | 23.1 | 18.3 | 32.4 | 941 |
| North Maluku | 83.9 | 55.3 | 43.9 | 34.5 | 27.3 | 39.1 | 438 |
| West Papua | 95.3 | 66.0 | 54.2 | 43.8 | 41.2 | 45.5 | 209 |
| Southwest Papua | 84.6 | 49.1 | 32.9 | 17.6 | 19.8 | 21.0 | 281 |
| Papua | 93.1 | 69.4 | 42.8 | 35.6 | 37.4 | 35.0 | 407 |
| South Papua | 91.5 | 52.7 | 37.4 | 23.2 | 39.5 | 43.8 | 114 |
| Central Papua | 87.1 | 81.1 | 83.1 | 47.8 | 42.3 | 42.2 | 418 |
| Highland Papua | 93.4 | 67.7 | 59.3 | 64.2 | 59.7 | 45.2 | 213 |
| INDONESIA | 86.5 | 46.6 | 27.9 | 18.1 | 18.6 | 25.1 | 153,068 |

Table 11. 8 Proportion of the Causes of Stunting Knowledge in Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Causes of Stunting Knowledge (%) | | | | | Weighted N | |
|--|--|--|---------------------------------|------------------------------------|---------|------------|---------|
| | Less nutritious children's food intake | Insufficient maternal nutritional intake during pre- and pregnancy periods | Lack of sanitation from illness | Children often suffer from illness | Poverty | | |
| Age Range (Year) | | | | | | | |
| 10-14 | 75.3 | 28.9 | 25.5 | 14.9 | 14.5 | 21.2 | 2,928 |
| 15-19 | 83.3 | 37.0 | 25.2 | 15.8 | 15.0 | 25.0 | 10,366 |
| 20-24 | 86.8 | 47.3 | 28.4 | 18.4 | 18.3 | 25.9 | 17,217 |
| 25-29 | 87.1 | 47.3 | 27.5 | 18.4 | 18.0 | 24.7 | 23,539 |
| 30-34 | 87.5 | 48.4 | 29.2 | 19.2 | 18.2 | 25.3 | 24,376 |
| 35-39 | 87.9 | 48.0 | 28.6 | 18.6 | 18.5 | 25.5 | 21,512 |
| 40-44 | 86.7 | 47.6 | 27.9 | 18.1 | 19.0 | 25.5 | 17,288 |
| 45-49 | 86.5 | 48.3 | 28.3 | 18.3 | 20.7 | 26.5 | 13,426 |
| 50-54 | 85.8 | 46.4 | 27.0 | 16.7 | 20.4 | 24.7 | 9,613 |
| 55-59 | 85.1 | 46.6 | 26.9 | 17.5 | 20.8 | 24.3 | 6,393 |
| 60-64 | 86.2 | 49.7 | 29.0 | 15.8 | 22.2 | 22.7 | 3,421 |
| 65 + | 86.0 | 48.4 | 26.7 | 17.8 | 21.1 | 22.3 | 299 |
| Sex | | | | | | | |
| Male | 86.7 | 44.5 | 29.3 | 18.2 | 21.4 | 26.0 | 48,449 |
| Female | 86.3 | 47.6 | 27.2 | 18.0 | 17.4 | 24.7 | 104,619 |
| Education | | | | | | | |
| Never attended school | 82.5 | 41.3 | 30.8 | 20.0 | 18.4 | 26.3 | 1,853 |
| Some primary school | 81.0 | 39.6 | 26.7 | 17.9 | 18.0 | 25.4 | 4,746 |
| Primary school graduate | 80.5 | 37.8 | 23.3 | 15.4 | 13.8 | 22.3 | 21,164 |
| Junior secondary school graduate | 84.0 | 41.8 | 24.6 | 16.0 | 15.4 | 23.2 | 29,765 |
| Senior secondary school graduate | 87.4 | 46.9 | 27.0 | 17.3 | 18.2 | 24.8 | 60,428 |
| D1/D2/D3/university graduate | 91.5 | 56.8 | 35.1 | 22.5 | 25.3 | 28.9 | 35,111 |
| Occupation | | | | | | | |
| Unemployed | 85.0 | 44.7 | 24.7 | 16.2 | 15.5 | 22.8 | 53,600 |
| Student | 83.8 | 39.3 | 27.0 | 16.2 | 17.2 | 24.3 | 14,388 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 92.5 | 61.2 | 40.5 | 26.5 | 30.4 | 33.8 | 11,593 |
| Private employee | 89.9 | 48.5 | 28.3 | 17.5 | 19.3 | 24.3 | 22,187 |
| Self-employed | 86.8 | 47.6 | 27.9 | 19.1 | 20.2 | 25.4 | 20,863 |
| Farmer/farm worker | 83.9 | 42.8 | 27.8 | 18.7 | 18.1 | 26.6 | 11,290 |
| Fisher | 84.6 | 42.5 | 31.6 | 21.4 | 25.6 | 37.2 | 437 |
| Labor/driver/domestic help | 82.4 | 38.2 | 22.9 | 12.5 | 13.9 | 19.2 | 6,320 |
| Others | 87.9 | 52.9 | 33.0 | 21.4 | 22.1 | 30.3 | 12,390 |
| Residence | | | | | | | |
| Urban | 86.8 | 47.3 | 27.5 | 17.4 | 18.9 | 23.4 | 94,875 |
| Rural | 85.8 | 45.6 | 28.6 | 19.1 | 18.2 | 27.9 | 58,193 |
| Economic Status | | | | | | | |
| Lowest | 82.3 | 39.1 | 25.7 | 17.7 | 16.7 | 25.9 | 13,814 |
| Lower middle | 83.7 | 41.2 | 24.3 | 15.5 | 14.6 | 22.7 | 21,278 |
| Middle | 85.0 | 42.8 | 26.1 | 16.8 | 15.8 | 24.2 | 27,700 |
| Upper middle | 86.8 | 46.9 | 27.1 | 18.0 | 17.7 | 25.7 | 36,610 |
| Highest | 89.2 | 52.6 | 31.4 | 19.8 | 22.9 | 26.0 | 53,651 |

Table 11. 9 Proportion of the Impact of Stunting Knowledge on Population Aged ≥10 by Province, 2023 SKI

| Province | Impact of Stunting Knowledge (%) | | | | | | Weighted N |
|---------------------|---|---------------------------------|-------------------------|----------------------------|------------------------|---------------|----------------|
| | Risk of suffering from NCDs as an adult | Decreased level of intelligence | Stunted physical growth | Hampered brain development | Low productivity level | Has no impact | |
| Aceh | 30.3 | 60.3 | 72.7 | 47.5 | 24.0 | 14.8 | 3,085 |
| North Sumatra | 30.5 | 63.3 | 83.6 | 52.2 | 28.0 | 14.2 | 6,743 |
| West Sumatra | 31.4 | 58.3 | 78.9 | 48.5 | 27.0 | 17.2 | 3,219 |
| Riau | 34.1 | 63.5 | 81.9 | 50.4 | 27.4 | 13.4 | 3,031 |
| Jambi | 42.0 | 73.6 | 85.6 | 60.5 | 36.1 | 19.5 | 2,028 |
| South Sumatra | 25.9 | 60.8 | 81.9 | 47.2 | 20.7 | 10.1 | 3,203 |
| Bengkulu | 31.8 | 64.5 | 81.0 | 55.0 | 28.3 | 13.1 | 1,079 |
| Lampung | 25.0 | 55.6 | 75.2 | 43.8 | 20.6 | 10.5 | 4,539 |
| Bangka Belitung | 33.0 | 66.0 | 85.5 | 57.7 | 31.9 | 14.1 | 981 |
| Riau Islands | 22.4 | 57.0 | 78.3 | 47.5 | 23.9 | 6.8 | 922 |
| DKI Jakarta | 18.6 | 53.9 | 79.2 | 50.9 | 21.2 | 4.8 | 5,758 |
| West Java | 17.0 | 40.4 | 72.5 | 39.7 | 19.5 | 6.1 | 25,632 |
| Central Java | 15.5 | 44.1 | 73.2 | 37.2 | 16.0 | 4.7 | 27,788 |
| DI Yogyakarta | 15.3 | 48.9 | 77.7 | 47.2 | 18.9 | 2.4 | 3,821 |
| East Java | 20.9 | 47.6 | 75.1 | 43.8 | 21.0 | 7.3 | 22,192 |
| Banten | 20.3 | 46.6 | 74.6 | 41.6 | 21.5 | 7.0 | 4,880 |
| Bali | 31.3 | 56.2 | 82.3 | 52.9 | 26.1 | 10.0 | 2,597 |
| West Nusa Tenggara | 15.9 | 38.9 | 70.9 | 36.4 | 16.9 | 7.9 | 2,979 |
| East Nusa Tenggara | 25.1 | 49.5 | 71.7 | 41.2 | 19.6 | 12.3 | 4,710 |
| West Kalimantan | 31.6 | 59.6 | 85.2 | 51.6 | 29.2 | 9.7 | 3,053 |
| Central Kalimantan | 35.0 | 61.7 | 80.7 | 48.8 | 30.0 | 16.1 | 1,336 |
| South Kalimantan | 24.9 | 53.4 | 80.5 | 40.7 | 20.6 | 9.2 | 2,436 |
| East Kalimantan | 24.5 | 52.0 | 77.7 | 48.4 | 25.7 | 10.2 | 2,397 |
| North Kalimantan | 38.5 | 64.0 | 85.2 | 57.8 | 30.5 | 8.8 | 397 |
| North Sulawesi | 28.2 | 55.1 | 83.8 | 48.6 | 23.5 | 11.3 | 1,513 |
| Central Sulawesi | 17.7 | 37.0 | 66.4 | 30.9 | 15.7 | 7.9 | 1,951 |
| South Sulawesi | 20.7 | 45.6 | 69.8 | 37.7 | 18.5 | 11.1 | 5,064 |
| South East Sulawesi | 22.5 | 49.7 | 73.6 | 42.9 | 21.2 | 11.0 | 1,365 |
| Gorontalo | 22.8 | 46.3 | 75.2 | 44.5 | 20.6 | 9.6 | 571 |
| West Sulawesi | 19.3 | 44.7 | 65.4 | 35.4 | 15.9 | 9.5 | 777 |
| Maluku | 21.6 | 49.2 | 78.9 | 42.9 | 19.0 | 9.3 | 941 |
| North Maluku | 25.7 | 54.9 | 76.4 | 53.6 | 28.7 | 17.4 | 438 |
| West Papua | 48.4 | 71.4 | 88.6 | 59.2 | 45.2 | 23.2 | 209 |
| Southwest Papua | 24.1 | 47.3 | 75.6 | 42.1 | 20.5 | 7.7 | 281 |
| Papua | 46.4 | 67.7 | 89.0 | 65.9 | 39.2 | 30.8 | 407 |
| South Papua | 25.7 | 57.9 | 81.4 | 56.2 | 24.1 | 15.3 | 114 |
| Central Papua | 61.9 | 80.1 | 85.5 | 76.3 | 70.0 | 34.7 | 418 |
| Highland Papua | 47.9 | 77.3 | 91.6 | 68.6 | 52.6 | 37.1 | 213 |
| INDONESIA | 21.8 | 49.4 | 75.7 | 43.4 | 21.2 | 8.5 | 153,068 |

Table 11. 10 Proportion of the Impact of Stunting Knowledge on Population Aged ≥10 by Characteristic, 2023 SKI

| Province | Impact of Stunting Knowledge (%) | | | | | | Weighted N |
|--|---|---------------------------------|-------------------------|----------------------------|------------------------|---------------|------------|
| | Risk of suffering from NCDs as an adult | Decreased level of intelligence | Stunted physical growth | Hampered brain development | Low productivity level | Has no impact | |
| Age Range (Year) | | | | | | | |
| 10-14 | 16.5 | 36.2 | 62.1 | 29.0 | 15.7 | 8.9 | 2,928 |
| 15-19 | 19.1 | 42.9 | 70.9 | 35.0 | 18.3 | 7.4 | 10,366 |
| 20-24 | 22.0 | 49.0 | 75.2 | 42.1 | 20.9 | 7.9 | 17,217 |
| 25-29 | 21.9 | 48.9 | 76.4 | 43.4 | 21.1 | 8.3 | 23,539 |
| 30-34 | 22.6 | 49.5 | 76.8 | 45.2 | 21.5 | 9.2 | 24,376 |
| 35-39 | 22.6 | 50.1 | 77.3 | 44.6 | 21.7 | 8.5 | 21,512 |
| 40-44 | 21.6 | 49.5 | 76.8 | 43.8 | 21.0 | 8.2 | 17,288 |
| 45-49 | 21.9 | 52.1 | 76.1 | 45.1 | 22.4 | 9.0 | 13,426 |
| 50-54 | 22.0 | 51.8 | 75.7 | 46.2 | 22.1 | 8.6 | 9,613 |
| 55-59 | 22.4 | 51.6 | 75.3 | 44.2 | 21.9 | 8.8 | 6,393 |
| 60-64 | 21.9 | 53.2 | 76.5 | 47.1 | 21.8 | 8.1 | 3,421 |
| 65 + | 21.4 | 54.1 | 73.3 | 46.3 | 23.2 | 8.2 | 2,990 |
| Sex | | | | | | | |
| Male | 23.0 | 50.7 | 76.7 | 44.2 | 21.9 | 9.0 | 48,449 |
| Female | 21.3 | 48.8 | 75.2 | 43.0 | 20.9 | 8.2 | 104,619 |
| Education | | | | | | | |
| Never attended school | 22.4 | 44.7 | 69.5 | 37.4 | 18.0 | 10.7 | 1,853 |
| Some primary school | 19.4 | 40.8 | 66.8 | 33.4 | 17.6 | 8.6 | 4,746 |
| Primary school graduate | 17.5 | 38.9 | 66.7 | 32.0 | 15.9 | 7.3 | 21,164 |
| Junior secondary school graduate | 18.6 | 43.8 | 72.6 | 36.7 | 17.7 | 7.3 | 29,766 |
| Senior secondary school graduate | 20.9 | 49.9 | 76.8 | 43.9 | 20.7 | 7.5 | 60,428 |
| D1/D2/D3/university graduate | 29.1 | 60.9 | 83.4 | 56.7 | 28.8 | 11.6 | 35,111 |
| Occupation | | | | | | | |
| Unemployed | 19.0 | 45.3 | 73.4 | 39.9 | 18.6 | 7.0 | 53,600 |
| Student | 20.3 | 44.7 | 72.1 | 38.2 | 20.0 | 8.1 | 14,392 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 33.1 | 66.8 | 85.1 | 60.5 | 32.8 | 14.8 | 11,590 |
| Private employee | 23.1 | 53.3 | 80.7 | 48.5 | 22.7 | 7.9 | 22,187 |
| Self-employed | 22.3 | 50.4 | 76.8 | 44.1 | 21.3 | 8.3 | 20,862 |
| Farmer/farm worker | 21.5 | 45.6 | 70.3 | 37.8 | 19.1 | 9.0 | 11,291 |
| Fisher | 23.6 | 50.7 | 73.4 | 38.2 | 23.4 | 13.3 | 437 |
| Labor/driver/domestic help | 14.4 | 41.7 | 71.5 | 35.2 | 15.3 | 5.8 | 6,320 |
| Others | 25.8 | 54.5 | 77.4 | 47.6 | 24.9 | 11.0 | 12,390 |
| Residence | | | | | | | |
| Urban | 21.6 | 49.9 | 77.1 | 45.7 | 22.0 | 8.1 | 94,875 |
| Rural | 22.2 | 48.6 | 73.3 | 39.7 | 19.9 | 9.1 | 58,193 |
| Economic Status | | | | | | | |
| Lowest | 19.6 | 41.3 | 68.0 | 33.4 | 17.7 | 8.7 | 13,814 |
| Lower middle | 18.0 | 43.0 | 70.0 | 35.2 | 16.7 | 7.1 | 21,278 |
| Middle | 19.1 | 45.3 | 73.0 | 38.2 | 18.4 | 8.0 | 27,700 |
| Upper middle | 20.9 | 49.0 | 76.4 | 43.0 | 20.3 | 7.9 | 36,610 |
| Highest | 25.9 | 56.4 | 80.8 | 52.2 | 26.0 | 9.5 | 53,651 |

Table 11. 11 Proportion of Stunting Prevention Knowledge in Population Aged ≥10 by Province, 2023 SKI

| Province | Stunting Prevention Knowledge (%) | | | | | | | | Weighted N |
|---------------------|--|--|--|---------------------------|--|--|--|---|----------------|
| | Babies/ children are given exclusive breast milk | Babies/ children are given breast milk for 2 years | Babies/ children are given complementary breast milk (MP-ASI) according to the nutritional needs | Immunize Babies/ children | Monitoring Babies/children weight and height gain every month at the integrated health center /health facility | Pregnant women to drink Blood Increasing Tablets | Pregnant women regularly check their pregnancy at least 6 times at health facilities | Pregnant women to consume animal protein according to the portion | |
| Aceh | 61.1 | 50.6 | 57.0 | 44.3 | 42.3 | 28.1 | 22.5 | 25.2 | 3,085 |
| North Sumatra | 61.3 | 47.1 | 63.0 | 55.9 | 50.7 | 30.8 | 25.8 | 27.2 | 6,743 |
| West Sumatra | 58.1 | 47.3 | 59.0 | 44.4 | 40.1 | 27.6 | 24.9 | 29.6 | 3,219 |
| Riau | 64.8 | 49.3 | 63.2 | 52.4 | 49.9 | 30.0 | 28.4 | 33.5 | 3,031 |
| Jambi | 80.5 | 68.5 | 68.9 | 67.4 | 58.1 | 38.8 | 34.0 | 36.9 | 2,028 |
| South Sumatra | 57.0 | 41.8 | 56.3 | 49.1 | 39.6 | 21.7 | 19.2 | 25.8 | 3,203 |
| Bengkulu | 58.8 | 50.1 | 64.1 | 48.4 | 44.5 | 30.3 | 24.3 | 27.8 | 1,079 |
| Lampung | 53.5 | 43.5 | 54.6 | 41.9 | 40.7 | 23.4 | 20.3 | 24.0 | 4,539 |
| Bangka Belitung | 62.1 | 51.1 | 60.4 | 58.2 | 50.7 | 32.8 | 31.3 | 34.4 | 981 |
| Riau Islands | 50.0 | 39.7 | 57.1 | 39.4 | 32.2 | 22.5 | 17.1 | 23.7 | 922 |
| DKI Jakarta | 42.0 | 31.4 | 59.3 | 32.7 | 32.6 | 17.0 | 17.1 | 25.3 | 5,758 |
| West Java | 31.7 | 25.2 | 53.6 | 26.4 | 26.9 | 15.9 | 15.8 | 20.6 | 25,632 |
| Central Java | 33.5 | 25.2 | 55.8 | 25.5 | 25.7 | 14.6 | 14.1 | 19.6 | 27,788 |
| DI Yogyakarta | 30.1 | 23.1 | 58.9 | 20.7 | 24.8 | 16.1 | 17.1 | 27.2 | 3,821 |
| East Java | 43.6 | 34.2 | 57.9 | 33.9 | 34.5 | 19.6 | 19.9 | 25.8 | 22,192 |
| Banten | 43.2 | 31.1 | 56.8 | 36.1 | 36.6 | 20.6 | 18.7 | 24.0 | 4,88 |
| Bali | 56.5 | 41.0 | 61.2 | 46.9 | 44.6 | 28.1 | 26.3 | 27.7 | 2,597 |
| West Nusa Tenggara | 40.6 | 31.8 | 51.2 | 32.9 | 28.4 | 18.7 | 15.1 | 18.2 | 2,979 |
| East Nusa Tenggara | 53.2 | 39.8 | 52.6 | 36.9 | 34.4 | 25.1 | 20.3 | 24.8 | 4,71 |
| West Kalimantan | 65.2 | 47.1 | 62.3 | 52.2 | 47.4 | 31.3 | 28.1 | 31.1 | 3,053 |
| Central Kalimantan | 65.6 | 51.2 | 63.1 | 59.6 | 48.7 | 35.3 | 29.5 | 32.9 | 1,336 |
| South Kalimantan | 56.5 | 41.0 | 55.0 | 42.4 | 40.3 | 24.1 | 20.6 | 23.6 | 2,436 |
| East Kalimantan | 49.1 | 36.9 | 57.6 | 43.2 | 39.6 | 28.4 | 25.4 | 27.4 | 2,397 |
| North Kalimantan | 73.2 | 54.5 | 62.7 | 62.6 | 56.6 | 35.0 | 31.8 | 32.9 | 397 |
| North Sulawesi | 65.9 | 43.6 | 62.7 | 57.8 | 47.6 | 25.3 | 24.2 | 24.7 | 1,513 |
| Central Sulawesi | 39.4 | 27.4 | 38.0 | 31.7 | 25.0 | 16.8 | 15.0 | 17.2 | 1,951 |
| South Sulawesi | 45.3 | 33.6 | 48.5 | 36.1 | 30.1 | 22.1 | 19.9 | 21.4 | 5,064 |
| South East Sulawesi | 54.7 | 37.4 | 48.8 | 44.5 | 38.0 | 25.4 | 21.5 | 22.6 | 1,365 |
| Gorontalo | 54.7 | 40.5 | 53.2 | 46.7 | 42.3 | 25.9 | 24.4 | 25.2 | 571 |
| West Sulawesi | 42.1 | 32.5 | 42.8 | 35.1 | 27.0 | 20.7 | 16.1 | 20.6 | 777 |
| Maluku | 54.0 | 35.6 | 52.5 | 50.3 | 40.8 | 23.1 | 20.1 | 19.5 | 941 |
| North Maluku | 60.5 | 48.2 | 53.8 | 50.5 | 47.4 | 35.7 | 29.6 | 28.0 | 438 |
| West Papua | 78.2 | 61.6 | 71.4 | 73.8 | 66.6 | 50.7 | 49.5 | 47.6 | 209 |
| Southwest Papua | 52.3 | 33.4 | 53.7 | 47.1 | 37.7 | 24.1 | 19.7 | 20.9 | 281 |
| Papua | 72.8 | 57.4 | 68.4 | 59.1 | 58.6 | 46.1 | 45.2 | 44.1 | 407 |
| South Papua | 69.4 | 47.3 | 52.9 | 60.2 | 49.5 | 42.8 | 33.0 | 30.2 | 114 |
| Central Papua | 82.7 | 73.3 | 79.6 | 81.6 | 79.0 | 71.9 | 70.1 | 69.2 | 418 |
| Highland Papua | 72.5 | 62.6 | 68.3 | 73.1 | 61.9 | 55.6 | 53.8 | 60.3 | 213 |
| INDONESIA | 44.8 | 34.4 | 56.5 | 36.0 | 34.3 | 21.0 | 19.5 | 24.1 | 153,068 |

Table 11. 12 Proportion of Stunting Prevention Knowledge in Population Aged ≥10 by Characteristic, 2023 SKI

| Province | Stunting Prevention Knowledge (%) | | | | | | | | Weighted N |
|--|---|---|---|--------------------------|--|--|--|---|------------|
| | Babies/children are given exclusive breast milk | Babies/children are given breast milk for 2 years | Babies/children are given complementary breast milk (MP-ASI) according to the nutritional needs | Immunize Babies/children | Monitoring Babies/children weight and height gain every month at the integrated health center /health facility | Pregnant women to drink Blood Increasing Tablets | Pregnant women regularly check their pregnancy at least 6 times at health facilities | Pregnant women to consume animal protein according to the portion | |
| Age Range (Year) | | | | | | | | | |
| 10-14 | 31.2 | 24.2 | 37.9 | 28.0 | 24.2 | 13.8 | 11.5 | 14.41 | 2,928 |
| 15-19 | 37.6 | 27.4 | 46.9 | 31.6 | 26.8 | 17.7 | 14.4 | 18.31 | 10,366 |
| 20-24 | 46.1 | 34.7 | 55.7 | 37.6 | 34.0 | 20.6 | 18.8 | 23.72 | 17,217 |
| 25-29 | 46.5 | 36.2 | 58.3 | 37.4 | 35.6 | 22.2 | 19.8 | 24.22 | 23,539 |
| 30-34 | 47.4 | 37.3 | 59.3 | 37.4 | 35.5 | 22.6 | 20.6 | 25.65 | 24,376 |
| 35-39 | 46.4 | 35.3 | 59.2 | 36.8 | 35.7 | 22.4 | 20.4 | 25.4 | 21,512 |
| 40-44 | 45.8 | 35.0 | 57.4 | 35.8 | 35.0 | 21.5 | 20.1 | 24.91 | 17,288 |
| 45-49 | 44.0 | 34.0 | 56.7 | 36.2 | 35.2 | 21.1 | 20.9 | 24.79 | 13,426 |
| 50-54 | 42.2 | 32.3 | 55.4 | 34.2 | 35.3 | 19.4 | 20.0 | 24.44 | 9,613 |
| 55-59 | 43.8 | 33.3 | 56.4 | 36.3 | 34.7 | 19.8 | 20.3 | 24.92 | 6,393 |
| 60-64 | 39.4 | 31.2 | 54.5 | 32.6 | 34.0 | 17.9 | 18.2 | 23.67 | 3,421 |
| 65 + | 42.8 | 32.8 | 54.0 | 32.5 | 32.6 | 19.4 | 20.2 | 23.07 | 2,990 |
| Sex | | | | | | | | | |
| Male | 43.7 | 33.1 | 53.7 | 36.0 | 33.6 | 18.8 | 18.6 | 22.8 | 48,449 |
| Female | 45.3 | 35.0 | 57.8 | 36.1 | 34.7 | 22.1 | 19.9 | 24.7 | 104,619 |
| Education | | | | | | | | | |
| Never attended school | 46.3 | 34.2 | 46.0 | 38.6 | 33.3 | 20.6 | 18.8 | 21.7 | 1,853 |
| Some primary school | 43.2 | 33.8 | 47.7 | 35.5 | 33.2 | 19.2 | 17.7 | 19.4 | 4,746 |
| Primary school graduate | 38.7 | 28.9 | 48.3 | 31.6 | 28.7 | 17.1 | 15.0 | 18.1 | 21,164 |
| Junior secondary school graduate | 41.7 | 31.0 | 51.8 | 33.4 | 30.6 | 18.2 | 16.2 | 20.1 | 29,766 |
| Senior secondary school graduate | 44.4 | 33.6 | 57.7 | 35.2 | 33.9 | 20.0 | 18.8 | 23.7 | 60,428 |
| D1/D2/D3/university graduate | 51.9 | 42.0 | 65.0 | 42.4 | 41.9 | 28.0 | 26.5 | 32.5 | 35,111 |
| Occupation | | | | | | | | | |
| Unemployed | 42.7 | 32.5 | 55.8 | 33.8 | 32.0 | 19.3 | 17.5 | 22.0 | 53,600 |
| Student | 38.7 | 29.3 | 49.0 | 32.3 | 29.0 | 18.8 | 15.8 | 20.4 | 14,392 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 58.6 | 47.2 | 66.6 | 48.8 | 47.5 | 32.4 | 30.5 | 36.2 | 11,590 |
| Private employee | 45.2 | 35.0 | 60.5 | 35.4 | 35.4 | 21.1 | 20.1 | 25.8 | 22,187 |
| Self-employed | 45.2 | 34.4 | 57.7 | 36.4 | 35.2 | 20.3 | 19.6 | 24.2 | 20,862 |
| Farmer/farm worker | 46.0 | 34.4 | 50.4 | 37.4 | 33.5 | 19.8 | 18.4 | 21.1 | 11,291 |
| Fisher | 49.0 | 36.4 | 50.6 | 39.3 | 32.6 | 22.7 | 20.8 | 23.4 | 437 |
| Labor/driver/domestic help | 33.0 | 24.7 | 49.8 | 27.2 | 26.1 | 13.5 | 14.8 | 19.2 | 6,320 |
| Others | 51.2 | 40.3 | 58.4 | 42.1 | 40.0 | 26.7 | 24.2 | 28.1 | 12,390 |
| Residence | | | | | | | | | |
| Urban | 42.9 | 33.3 | 57.9 | 34.4 | 34.0 | 20.6 | 19.6 | 24.9 | 94,875 |
| Rural | 47.8 | 36.2 | 54.2 | 38.6 | 34.9 | 21.8 | 19.3 | 22.8 | 58,193 |
| Economic Status | | | | | | | | | |
| Lowest | 42.7 | 31.6 | 48.8 | 34.4 | 30.8 | 19.3 | 17.4 | 19.8 | 13,814 |
| Lower middle | 41.2 | 30.7 | 50.5 | 33.5 | 29.7 | 17.8 | 15.6 | 19.3 | 21,278 |
| Middle | 43.4 | 32.7 | 53.8 | 34.4 | 32.4 | 19.0 | 17.0 | 21.1 | 27,700 |
| Upper middle | 44.2 | 33.4 | 57.2 | 35.7 | 34.3 | 20.9 | 19.7 | 24.7 | 36,610 |
| Highest | 47.8 | 38.1 | 61.7 | 38.5 | 38.2 | 23.9 | 22.7 | 28.2 | 53,651 |

11. 2 DISEASE PREVENTION DUE TO MOSQUITO BITES

The malaria vector control program has been carried out by controlling the adult mosquito population through indoor Residual Spray and Long Lasting Insecticide Nets (LLINs), larvicide and modification/manipulation of mosquito breeding habitats. Indoor spraying and using Long Lasting Insecticide Nets aim to shorten the lifespan of mosquitoes so that the spread and transmission of malaria can be stopped. In 2023 SKI, data was also collected on how to control the adult mosquito population to answer one of the indicators of the Infectious Disease control program, namely the proportion of household members who use LLINs mosquito nets. This indicator is calculated using the following formula:

- a. Proportion of household members who use LLIN's mosquito nets.

$$= \frac{\sum \text{Household members who use LLIN's mosquito nets in X Province}}{\sum \text{Household members of all ages in X Province}}$$

- b. Proportion of children under five household members who use LLIN's mosquito nets.

$$= \frac{\sum \text{Household members who use LLIN's mosquito nets on children under five in X Province}}{\sum \text{Household members children under five in X Province}}$$

- c. Proportion of household members who use LLIN's mosquito nets.

$$= \frac{\sum \text{Household members who use LLIN's mosquito nets by characteristic}}{\sum \text{Household members of all ages by characteristic}}$$

- d. Proportion of children under five household members who use LLIN's mosquito nets.

$$= \frac{\sum \text{children under five who use LLIN's mosquito nets by characteristic}}{\sum \text{children under five by characteristic}}$$

- e. Proportion of household members who use LLIN's mosquito nets in regencies/cities with high endemic malaria.

$$= \frac{\sum \text{Household members who use LLIN's mosquito nets in regencies/cities with high endemic malaria}}{\sum \text{Household members in regencies/cities with high endemic malaria}}$$

- f. Proportion of household members who use LLIN's mosquito nets in regencies/cities with high endemic malaria.

$$= \frac{\sum \text{Household members who use LLIN's mosquito nets in regencies/cities with high endemic malaria by characteristic}}{\sum \text{Household members in regencies/cities with high endemic malaria by characteristic}}$$

- g. Proportion of children under five household members who use LLIN's mosquito nets in regencies/cities with high endemic malaria

$$= \frac{\sum \text{children under five who use LLIN's mosquito nets in regencies/cities with high endemic malaria}}{\sum \text{children under five in regencies/cities with high endemic malaria}}$$

- h. Proportion of pregnant women household members who use LLIN's mosquito nets in regencies/cities with high endemic malaria.

$$= \frac{\sum \text{pregnant women who use LLIN's mosquito nets in regencies/cities with high endemic malaria}}{\sum \text{pregnant women in regencies/cities with high endemic malaria}}$$

- i. Proportion of children under five household members who use LLIN's mosquito nets in regencies/cities with high endemic malaria by Characteristic.

$$= \frac{\sum \text{children under five who use LLIN's mosquito nets in regencies/cities with high endemic malaria by characteristic}}{\sum \text{children under five in regencies/cities with high endemic malaria by characteristic}}$$

- j. Proportion of pregnant women household members who use LLIN's mosquito nets in regencies/cities with high endemic malaria by Characteristic.
- $$= \frac{\sum \text{pregnant women who use LLIN's mosquito nets in regencies/cities with high endemic malaria by characteristic}}{\sum \text{pregnant women in regencies/cities with high endemic malaria by characteristic}}$$
- k. Proportion of Disease Prevention Method Due to Mosquito Bites by Province.
- $$= \frac{\sum \text{Disease Prevention Method Due to Mosquito Bites in X Province}}{\sum \text{of all age in X Province}}$$
- l. Proportion of Disease Prevention Method Due to Mosquito Bites by Characteristic.
- $$= \frac{\sum \text{Disease Prevention Method Due to Mosquito Bites by characteristic}}{\sum \text{of all age by characteristic}}$$
- m. Proportion of Disease Prevention Method Due to Mosquito Bites on Children Under Five and Pregnant Women in regencies/cities with high endemic malaria.
- $$= \frac{\sum \text{Children Under Five and Pregnant Women for Disease Prevention Method Due to Mosquito Bites in regencies/cities with high endemic malaria}}{\sum \text{Children Under Five and Pregnant Women in regencies/cities with high endemic malaria}}$$
- n. Proportion of Disease Prevention Method Due to Mosquito Bites on Children Under Five and Pregnant Women in regencies/cities with high endemic malaria by Characteristic.
- $$= \frac{\sum \text{Children Under Five and Pregnant Women for Disease Prevention Method Due to Mosquito Bites in regencies/cities with high endemic malaria by characteristic}}{\sum \text{Children Under Five and Pregnant Women in regencies/cities with high endemic malaria by characteristic}}$$

Table 11. 13 Proportion of Long Lasting Insecticide Nets (LLIN's) Usage by Province, 2023 SKI

| Province | LLIN's mosquito nets usage | | | LLIN's mosquito nets Usage on children under five | | |
|---------------------|----------------------------|------------------|----------------|--|------------------|---------------|
| | % | 95% CI | Weighted N | % | 95% CI | Weighted N |
| Aceh | 1.3 | 1.1 - 1.6 | 17,271 | 1.2 | 0.8 - 1.7 | 1,930 |
| North Sumatra | 1.2 | 1.0 - 1.5 | 48,469 | 1.7 | 1.3 - 2.3 | 5,446 |
| West Sumatra | 0.9 | 0.7 - 1.1 | 18,138 | 1.1 | 0.7 - 1.7 | 1,910 |
| Riau | 0.7 | 0.5 - 0.9 | 20,925 | 1.2 | 0.7 - 1.9 | 2,290 |
| Jambi | 1.0 | 0.8 - 1.4 | 11,588 | 1.3 | 0.8 - 2.0 | 1,229 |
| South Sumatra | 1.3 | 1.1 - 1.7 | 27,532 | 1.4 | 1.0 - 2.0 | 2,856 |
| Bengkulu | 1.1 | 0.9 - 1.4 | 6,571 | 1.4 | 0.8 - 2.5 | 696 |
| Lampung | 1.8 | 1.4 - 2.2 | 29,331 | 1.8 | 1.2 - 2.6 | 3,023 |
| Bangka Belitung | 0.8 | 0.6 - 1.1 | 4,763 | 0.7 | 0.3 - 1.6 | 489 |
| Riau Islands | 0.7 | 0.5 - 1.0 | 6,782 | 0.6 | 0.3 - 1.0 | 738 |
| DKI Jakarta | 0.2 | 0.1 - 0.3 | 33,552 | 0.3 | 0.1 - 0.9 | 2,893 |
| West Java | 0.6 | 0.4 - 0.8 | 156,977 | 0.9 | 0.5 - 1.4 | 15,291 |
| Central Java | 0.4 | 0.3 - 0.4 | 118,184 | 0.4 | 0.3 - 0.6 | 10,716 |
| DI Yogyakarta | 0.6 | 0.2 - 1.5 | 11,757 | 0.3 | 0.1 - 1.6 | 930 |
| East Java | 0.3 | 0.3 - 0.4 | 130,683 | 0.2 | 0.1 - 0.5 | 11,052 |
| Banten | 0.4 | 0.3 - 0.5 | 38,751 | 0.1 | 0.1 - 0.4 | 3,819 |
| Bali | 0.4 | 0.3 - 0.7 | 13,859 | 0.5 | 0.2 - 1.1 | 1,205 |
| West Nusa Tenggara | 1.1 | 0.9 - 1.4 | 17,522 | 1.9 | 1.2 - 3.0 | 1,953 |
| East Nusa Tenggara | 28.2 | 27.0 - 29.4 | 17,550 | 31.5 | 29.9 - 33.3 | 2,191 |
| West Kalimantan | 2.4 | 1.9 - 3.0 | 17,713 | 2.0 | 1.4 - 2.8 | 1,892 |
| Central Kalimantan | 1.5 | 1.1 - 1.9 | 8,737 | 1.9 | 1.2 - 2.9 | 923 |
| South Kalimantan | 0.9 | 0.7 - 1.2 | 13,299 | 0.9 | 0.5 - 1.6 | 1,389 |
| East Kalimantan | 1.8 | 1.4 - 2.2 | 12,360 | 2.4 | 1.7 - 3.2 | 1,247 |
| North Kalimantan | 0.8 | 0.5 - 1.2 | 2,300 | 0.5 | 0.2 - 1.0 | 245 |
| North Sulawesi | 1.2 | 1.0 - 1.5 | 8,439 | 1.8 | 1.2 - 2.8 | 766 |
| Central Sulawesi | 2.0 | 1.6 - 2.5 | 9,721 | 2.1 | 1.3 - 3.3 | 1,044 |
| South Sulawesi | 1.0 | 0.8 - 1.3 | 29,481 | 1.1 | 0.7 - 1.7 | 2,990 |
| South East Sulawesi | 2.4 | 1.9 - 3.0 | 8,664 | 2.1 | 1.4 - 3.0 | 1,018 |
| Gorontalo | 0.7 | 0.5 - 1.1 | 3,821 | 0.6 | 0.2 - 1.9 | 402 |
| West Sulawesi | 0.7 | 0.5 - 1.0 | 4,667 | 1.3 | 0.8 - 2.2 | 553 |
| Maluku | 13.0 | 11.6 - 14.6 | 6,050 | 14.3 | 12.0 - 16.9 | 682 |
| North Maluku | 8.1 | 6.9 - 9.5 | 4,213 | 9.1 | 7.5 - 10.9 | 477 |
| West Papua | 30.8 | 27.1 - 34.6 | 1,795 | 37.6 | 32.5 - 42.9 | 212 |
| Southwest Papua | 22.1 | 19.9 - 24.4 | 1,947 | 26.2 | 22.7 - 30.2 | 230 |
| Papua | 30.5 | 27.7 - 33.4 | 3,299 | 35.0 | 30.5 - 39.9 | 433 |
| South Papua | 38.7 | 34.3 - 43.2 | 1,684 | 43.5 | 37.2 - 50.0 | 288 |
| Central Papua | 23.8 | 17.9 - 30.9 | 4,577 | 24.9 | 19.0 - 31.8 | 467 |
| Highland Papua | 28.5 | 23.3 - 34.4 | 4,563 | 27.9 | 21.2 - 35.7 | 450 |
| INDONESIA | 2.0 | 1.9 - 2.1 | 877,531 | 2.6 | 2.5 - 2.7 | 86,364 |

Table 11. 14 Proportion of Long Lasting Insecticide Nets (LLIN's) Usage by Characteristic, 2023 SKI

| Characteristic | Mosquito nets usage | | |
|--|---------------------|-----------|------------|
| | % | 95%CI | Weighted N |
| Age Range (Year) | | | |
| <1 | 3.2 | 2.8 - 3.6 | 11,518 |
| 1-4 | 2.5 | 2.3 - 2.6 | 59,253 |
| 5-14 | 2.2 | 2.1 - 2.3 | 138,465 |
| 15-24 | 2.0 | 1.8 - 2.1 | 139,891 |
| 25-34 | 2.1 | 1.9 - 2.2 | 140,206 |
| 35-44 | 2.0 | 1.9 - 2.2 | 131,595 |
| 45-54 | 1.9 | 1.7 - 2.0 | 113,367 |
| 55-64 | 1.6 | 1.5 - 1.7 | 81,723 |
| 65-74 | 1.5 | 1.3 - 1.6 | 44,881 |
| 75+ | 1.4 | 1.2 - 1.6 | 16,632 |
| Sex | | | |
| Male | 2.0 | 1.9 - 2.0 | 443,261 |
| Female | 2.0 | 1.9 - 2.1 | 434,270 |
| Education | | | |
| Never attended school | 2.8 | 2.6 - 3.0 | 69,130 |
| Some primary school/Islamic primary school | 2.4 | 2.3 - 2.6 | 115,061 |
| Primary school/Islamic primary school graduate | 1.7 | 1.6 - 1.8 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 1.8 | 1.7 - 1.9 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 1.7 | 1.6 - 1.9 | 216,658 |
| D1/D2/D3/university graduate | 2.1 | 1.9 - 2.3 | 64,050 |
| Occupation | | | |
| Unemployed | 1.7 | 1.6 - 1.9 | 213,116 |
| Student | 1.9 | 1.8 - 2.1 | 117,785 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 3.0 | 2.8 - 3.3 | 20,811 |
| Private employee | 0.9 | 0.8 - 1.0 | 76,283 |
| Self-employed | 1.2 | 1.1 - 1.4 | 102,060 |
| Farmer/farm worker | 3.5 | 3.2 - 3.8 | 107,876 |
| Fisher | 4.0 | 3.5 - 4.7 | 5,358 |
| Labor/driver/domestic help | 0.9 | 0.7 - 1.0 | 54,102 |
| Others | 2.5 | 2.3 - 2.7 | 40,262 |
| Residence | | | |
| Urban | 1.1 | 1.0 - 1.1 | 512,403 |
| Rural | 3.3 | 3.2 - 3.5 | 365,128 |
| Economic Status | | | |
| Lowest | 6.3 | 6.0 - 6.7 | 125,275 |
| Lower middle | 1.9 | 1.8 - 2.0 | 158,606 |
| Middle | 1.3 | 1.2 - 1.4 | 185,555 |
| Upper middle | 1.1 | 1.0 - 1.2 | 204,817 |
| Highest | 0.9 | 0.8 - 1.0 | 203,216 |

Table 11. 15 Proportion of Use of Long Lasting Insecticide Nets (LLIN's) in Regencies/Cities with High Endemic for Malaria, 2023 SKI

| Province | Regency/City | Use of LLIN's mosquito nets in Regencies/Cities with High Endemic for Malaria * | | |
|--------------------|---------------------|---|--------------------|---------------|
| | | % | 95% CI | Weighted N |
| East Nusa Tenggara | West Sumba | 86.2 | 79.9 - 90.7 | 1,144 |
| | East Sumba | 71.6 | 65.8 - 76.8 | 1,918 |
| | West Sumba Daya | 79.3 | 75.0 - 83.0 | 2,419 |
| East Kalimantan | North Penajam Paser | 13.5 | 9.6 - 18.7 | 1,528 |
| West Papua | Teluk Wondama | 57.7 | 50.0 - 65.1 | 335 |
| | Manokwari | 37.9 | 29.4 - 47.1 | 1,515 |
| | South Manokwari | 64.7 | 53.2 - 74.7 | 286 |
| Southwest Papua | Raja Ampat | 34.0 | 29.0 - 39.3 | 515 |
| | Tambrauw | 78.8 | 70.7 - 85.1 | 230 |
| | Sorong City | 11.1 | 8.1 - 15.0 | 2,214 |
| Papua | Jayapura | 30.9 | 22.4 - 40.9 | 1,288 |
| | Yapen Island | 44.1 | 35.1 - 53.4 | 878 |
| | Biak Numfor | 55.7 | 46.7 - 64.3 | 1,046 |
| | Sarmi | 40.1 | 30.9 - 50.0 | 320 |
| | Keerom | 50.7 | 42.9 - 58.5 | 476 |
| | Waropen | 45.8 | 37.0 - 54.9 | 265 |
| | Supiori | 40.5 | 27.6 - 54.8 | 180 |
| | Mamberamo Raya | 55.5 | 44.6 - 65.9 | 290 |
| | Jayapura City | 9.7 | 6.4 - 14.3 | 3,113 |
| | Merauke | 18.6 | 13.3 - 25.5 | 1,779 |
| South Papua | Boven Digoel | 37.2 | 25.1 - 51.1 | 509 |
| | Mappi | 80.4 | 74.6 - 85.2 | 850 |
| | Asmat | 39.9 | 29.4 - 51.4 | 872 |
| | Nabire | 20.6 | 14.4 - 28.7 | 1,304 |
| | Mimika | 24.2 | 14.9 - 36.8 | 2,430 |
| Highland Papua | Jayawijaya | 35.4 | 24.9 - 47.5 | 2,087 |
| | Yahukimo | 34.7 | 19.9 - 53.1 | 2,755 |
| | Pegunungan Bintang | 20.0 | 6.8 - 46.3 | 615 |
| | Central Mamberamo | 41.7 | 28.8 - 55.7 | 397 |
| | | 38.2 | 36.1 - 40.4 | 33,558 |

* The endemicity level is high with an annual malaria incidence rate of more than 5 per 1000 population (Minister of Health Regulation No. 22 of 2022).

Table 11. 16 Proportion of Long Lasting Insecticide Nets (LLIN's) Usage in Regencies/Cities with High Endemic for Malaria by Characteristic, 2023 SKI

| Characteristic | Use of LLIN's mosquito nets in Regencies/ City with High Endemic for Malaria * | | |
|--|---|-------------|------------|
| | % | 95%CI | Weighted N |
| Age Range (Year) | | | |
| <1 | 44.8 | 39.3 - 50.4 | 538 |
| 1-4 | 43.7 | 40.7 - 46.8 | 3,020 |
| 5-14 | 41.0 | 38.2 - 43.9 | 6,680 |
| 15-24 | 36.3 | 32.7 - 40.2 | 5,267 |
| 25-34 | 37.9 | 34.5 - 41.3 | 5,867 |
| 35-44 | 34.5 | 31.8 - 37.2 | 4,932 |
| 45-54 | 36.0 | 33.3 - 38.8 | 3,674 |
| 55-64 | 39.2 | 33.7 - 45.1 | 2,347 |
| 65-74 | 36.2 | 31.9 - 40.8 | 956 |
| 75+ | 35.4 | 27.5 - 44.1 | 275 |
| Sex | | | |
| Male | 36.6 | 34.3 - 38.9 | 17,569 |
| Female | 40.0 | 37.8 - 42.4 | 15,989 |
| Education | | | |
| Never attended school | 41.5 | 41.2 - 46.6 | 3,559 |
| Some primary school/Islamic primary school | 44.0 | 36.6 - 46.6 | 4,443 |
| Primary school/Islamic primary school graduate | 45.0 | 40.9 - 47.1 | 5,971 |
| Junior secondary school/Islamic junior secondary school graduate | 39.6 | 41.4 - 48.7 | 4,555 |
| Senior secondary school/Islamic senior secondary school graduate | 28.0 | 36.0 - 43.3 | 4,261 |
| D1/D2/D3/university graduate | 29.2 | 26.1 - 30.0 | 7,746 |
| Occupation | | | |
| Unemployed | 35.0 | 31.5 - 38.7 | 7,362 |
| Student | 39.3 | 36.0 - 42.7 | 4,783 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 25.5 | 22.2 - 29.1 | 1,642 |
| Private employee | 25.3 | 21.0 - 30.0 | 1,498 |
| Self-employed | 24.3 | 18.9 - 30.7 | 2,399 |
| Farmer/farm worker | 49.9 | 45.6 - 54.3 | 5,780 |
| Labor/driver/domestic help | 43.2 | 35.8 - 50.8 | 509 |
| Others | 25.7 | 20.8 - 31.4 | 783 |
| Residence | | | |
| Urban | 20.8 | 18.6 - 23.2 | 15,268 |
| Rural | 52.8 | 49.2 - 56.3 | 18,290 |
| Economic Status | | | |
| Lowest | 55.0 | 50.6 - 59.4 | 13,920 |
| Lower middle | 44.8 | 40.6 - 49.1 | 4,240 |
| Middle | 30.8 | 27.5 - 34.3 | 4,061 |
| Upper middle | 20.9 | 18.3 - 23.8 | 5,492 |
| Highest | 14.8 | 12.1 - 18.1 | 5,845 |

* The endemicity level is high with an annual malaria incidence rate of more than 5 per 1000 population (Minister of Health Regulation No. 22 of 2022)

Table 11. 17 Proportion of Long Lasting Insecticide Nets (LLIN's) Usage on Children Under Five in Regencies/Cities with High Endemic for Malaria, 2023 SKI

| Province | Regency/City | LLIN's Mosquito nets Usage on Children Under Five | | |
|--------------------|---------------------|---|--------------------|--------------|
| | | % | 95% CI | Weighted N |
| East Nusa Tenggara | West Sumba | 89.3 | 77.9 - 95.2 | 191 |
| | East Sumba | 80.7 | 71.9 - 87.3 | 285 |
| | Southwest Sumba | 84.7 | 79.0 - 89.0 | 400 |
| East Kalimantan | North Penajam Paser | 19.8 | 12.6 - 29.7 | 177 |
| West Papua | Teluk Wondama | 62.2 | 50.1 - 72.9 | 57 |
| | Manokwari | 46.6 | 36.0 - 57.6 | 191 |
| | South Manokwari | 64.6 | 49.9 - 76.9 | 39* |
| Southwest Papua | Raja Ampat | 29.4 | 22.2 - 37.9 | 85 |
| | Tambrauw | 79.2 | 68.2 - 87.2 | 42* |
| | Sorong City | 15.8 | 10.4 - 23.4 | 254 |
| Papua | Jayapura | 25.8 | 16.7 - 37.8 | 200 |
| | Yapen Island | 58.5 | 46.0 - 70.0 | 130 |
| | Biak Numfor | 55.5 | 43.4 - 66.9 | 152 |
| | Sarmi | 42.2 | 30.6 - 54.7 | 46* |
| | Keerom | 45.8 | 35.7 - 56.3 | 75 |
| | Waropen | 58.5 | 47.0 - 69.1 | 44* |
| | Supiori | 48.1 | 31.8 - 64.8 | 32* |
| | Mamberamo Raya | 63.2 | 48.9 - 75.5 | 46* |
| | Jayapura City | 15.0 | 8.4 - 25.6 | 411 |
| | Merauke | 25.3 | 16.3 - 37.1 | 285 |
| South Papua | Boven Digoel | 41.1 | 24.9 - 59.4 | 92 |
| | Mappi | 86.0 | 79.5 - 90.7 | 159 |
| | Asmat | 37.3 | 24.2 - 52.7 | 218 |
| Central Papua | Nabire | 31.6 | 23.6 - 40.8 | 194 |
| | Mimika | 20.5 | 12.5 - 31.6 | 329 |
| Highland Papua | Jayawijaya | 33.1 | 21.5 - 47.3 | 231 |
| | Yahukimo | 32.3 | 13.5 - 59.4 | 281 |
| | Pegunungan Bintang | 46.1 | 27.5 - 65.8 | 84 |
| | Central Mamberamo | 30.4 | 19.4 - 44.2 | 49* |
| | | 43.9 | 41.3 - 46.5 | 4,778 |

*Weighted N < 50

The proportion of Long Lasting Insecticide Nets (LLIN's) mosquito nets usage among pregnant women in regencies/cities with high endemic malaria in Indonesia is 38.2% (95%CI: 24.2 - 54.5).

Table 11. 18 Proportion of Long Lasting Insecticide Nets (LLIN's) Usage on Children Under Five and Pregnant Women in Regencies/Cities with High Endemic for Malaria by Characteristic, 2023 SKI

| Characteristic | LLIN's Mosquito nets usage on children under five | | |
|--|---|-------------|------------|
| | % | 95%CI | Weighted N |
| Children under five Age Range (Month) | | | |
| 0-11 | 44.8 | 39.5 - 50.2 | 723 |
| 12-23 | 47.2 | 42.7 - 51.8 | 845 |
| 24-35 | 45.0 | 39.9 - 50.2 | 1,034 |
| 36-47 | 43.7 | 39.7 - 47.7 | 994 |
| 48-59 | 40.2 | 34.2 - 46.4 | 1,182 |
| Residence | | | |
| Urban | 25.6 | 22.3 - 29.2 | 2,093 |
| Rural | 58.1 | 54.4 - 61.8 | 2,685 |
| Economic Status | | | |
| Lowest | 60.3 | 55.8 - 64.5 | 2,062 |
| Lower middle | 51.5 | 45.4 - 57.6 | 651 |
| Middle | 35.8 | 30.6 - 41.3 | 590 |
| Upper middle | 27.1 | 22.1 - 32.7 | 674 |
| Highest | 15.7 | 11.6 - 20.9 | 801 |

Table 11. 19 Proportion of Disease Prevention Method Due to Mosquito Bites by Province, 2023 SKI

| Province | Disease Prevention Method Due to Mosquito Bites (%) | | | | | Weighted N |
|---------------------|---|---------------------|---------------------|---------------------|---------------------|----------------|
| | Method ¹ | Method ² | Method ³ | Method ⁴ | Method ⁵ | |
| Aceh | 38.6 | 1.3 | 1.6 | 10.1 | 52.1 | 17,271 |
| North Sumatra | 27.6 | 1.2 | 1.5 | 12.3 | 56.7 | 48,469 |
| West Sumatra | 12.4 | 0.9 | 0.8 | 6.1 | 59.3 | 18,138 |
| Riau | 14.5 | 0.7 | 0.8 | 7.6 | 75.3 | 20,925 |
| Jambi | 20.5 | 1.0 | 1.4 | 15.9 | 73.9 | 11,588 |
| South Sumatra | 35.9 | 1.3 | 1.5 | 7.4 | 57.2 | 27,532 |
| Bengkulu | 43.5 | 1.1 | 1.9 | 8.6 | 44.3 | 6,571 |
| Lampung | 45.0 | 1.8 | 2.0 | 8.9 | 36.2 | 29,331 |
| Bangka Belitung | 9.9 | 0.8 | 2.4 | 4.5 | 65.1 | 4,763 |
| Riau Islands | 4.6 | 0.7 | 0.9 | 5.7 | 62.7 | 6,782 |
| DKI Jakarta | 1.5 | 0.2 | 0.4 | 32.5 | 58.6 | 33,552 |
| West Java | 3.0 | 0.6 | 0.8 | 27.7 | 57.3 | 156,977 |
| Central Java | 10.1 | 0.4 | 0.5 | 19.9 | 43.7 | 118,184 |
| DI Yogyakarta | 2.6 | 0.6 | 0.5 | 13.3 | 41.0 | 11,757 |
| East Java | 6.8 | 0.3 | 0.6 | 19.2 | 52.6 | 130,683 |
| Banten | 6.9 | 0.4 | 0.5 | 23.8 | 59.6 | 38,751 |
| Bali | 0.8 | 0.4 | 0.6 | 12.2 | 50.0 | 13,859 |
| West Nusa Tenggara | 21.0 | 1.1 | 0.9 | 5.4 | 39.6 | 17,522 |
| East Nusa Tenggara | 32.2 | 28.2 | 23.5 | 5.2 | 21.7 | 17,550 |
| West Kalimantan | 31.5 | 2.4 | 4.9 | 12.4 | 75.1 | 17,713 |
| Central Kalimantan | 50.9 | 1.5 | 2.6 | 10.5 | 70.4 | 8,737 |
| South Kalimantan | 43.3 | 0.9 | 0.9 | 6.2 | 74.0 | 13,299 |
| East Kalimantan | 13.7 | 1.8 | 1.4 | 10.5 | 73.5 | 12,360 |
| North Kalimantan | 11.8 | 0.8 | 0.6 | 6.9 | 69.6 | 2,300 |
| North Sulawesi | 5.3 | 1.2 | 2.0 | 7.1 | 67.3 | 8,439 |
| Central Sulawesi | 33.7 | 2.0 | 4.2 | 5.7 | 53.0 | 9,721 |
| South Sulawesi | 44.3 | 1.0 | 1.0 | 4.7 | 48.4 | 29,481 |
| South East Sulawesi | 48.2 | 2.4 | 2.7 | 6.6 | 51.3 | 8,664 |
| Gorontalo | 5.9 | 0.7 | 1.0 | 7.1 | 71.3 | 3,821 |
| West Sulawesi | 64.6 | 0.7 | 1.7 | 5.7 | 43.9 | 4,667 |
| Maluku | 18.9 | 13.0 | 12.2 | 8.0 | 40.3 | 6,050 |
| North Maluku | 22.7 | 8.1 | 7.6 | 9.9 | 52.2 | 4,213 |
| West Papua | 15.2 | 30.8 | 18.7 | 9.5 | 39.5 | 1,795 |
| Southwest Papua | 15.9 | 22.1 | 22.7 | 13.7 | 41.0 | 1,947 |
| Papua | 18.6 | 30.5 | 21.5 | 10.8 | 41.5 | 3,299 |
| South Papua | 14.9 | 38.7 | 24.2 | 7.1 | 43.5 | 1,684 |
| Central Papua | 32.5 | 23.8 | 25.8 | 7.6 | 28.6 | 4,577 |
| Highland Papua | 24.1 | 28.5 | 13.6 | 13.5 | 11.7 | 4,563 |
| INDONESIA | 16.1 | 2.0 | 2.0 | 16.8 | 53.3 | 877,531 |

1. Sleeping using a mosquito net without insecticide.
2. Sleeping using a Long Lasting Insecticide Nets < 3 years.
3. Sleeping using a Long Lasting Insecticide Nets > 3 years.
4. Using repellents/ingredients to prevent mosquito bites.
5. Using mosquito repellent (burn/spray/electric).

Table 11.20 Proportion of Disease Prevention Method Due to Mosquito Bites by Characteristic, 2023 SKI

| Characteristic | How to Prevent Diseases Due to Mosquito Bites (%) | | | | | Weighted N |
|--|---|---------------------|---------------------|---------------------|---------------------|------------|
| | Method ¹ | Method ² | Method ³ | Method ⁴ | Method ⁵ | |
| Age Range (Year) | | | | | | |
| <1 | 26.8 | 3.2 | 1.9 | 10.8 | 40.7 | 11,518 |
| 1-4 | 19.2 | 2.5 | 2.2 | 15.0 | 50.5 | 59,253 |
| 5-14 | 16.5 | 2.2 | 2.2 | 16.5 | 53.7 | 138,465 |
| 15-24 | 13.3 | 2.0 | 1.9 | 18.1 | 53.7 | 139,891 |
| 25-34 | 15.9 | 2.1 | 2.0 | 17.0 | 54.6 | 140,206 |
| 35-44 | 16.2 | 2.0 | 2.1 | 17.7 | 55.7 | 131,595 |
| 45-54 | 15.3 | 1.9 | 1.9 | 17.8 | 55.2 | 113,367 |
| 55-64 | 15.8 | 1.6 | 1.7 | 16.0 | 52.2 | 81,723 |
| 65-74 | 17.8 | 1.5 | 1.8 | 14.5 | 48.3 | 44,881 |
| 75+ | 19.1 | 1.4 | 1.7 | 11.9 | 44.5 | 16,632 |
| Sex | | | | | | |
| Male | 15.5 | 2.0 | 2.0 | 16.6 | 53.7 | 44,3261 |
| Female | 16.7 | 2.0 | 2.0 | 16.9 | 53.0 | 43,4270 |
| Education | | | | | | |
| Never attended school | 19.4 | 2.8 | 3.1 | 15.4 | 48.3 | 69,130 |
| Some primary school/Islamic primary school | 18.0 | 2.4 | 2.3 | 15.7 | 52.6 | 115,061 |
| Primary school/Islamic primary school graduate | 18.4 | 1.7 | 1.9 | 15.8 | 51.1 | 197,786 |
| Junior secondary school/Islamic junior secondary school graduate | 15.9 | 1.8 | 1.8 | 17.7 | 53.6 | 144,075 |
| Senior secondary school/Islamic senior secondary school graduate | 12.3 | 1.7 | 1.7 | 18.9 | 56.6 | 216,658 |
| D1/D2/D3/university graduate | 10.2 | 2.1 | 1.7 | 16.4 | 60.4 | 64,050 |
| Occupation | | | | | | |
| Unemployed | 15.9 | 1.7 | 1.8 | 17.2 | 53.8 | 213,116 |
| Student | 13.6 | 1.9 | 1.9 | 17.4 | 54.6 | 117,785 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 11.6 | 3.0 | 2.4 | 15.5 | 59.8 | 20,811 |
| Private employee | 6.7 | 0.9 | 0.9 | 21.9 | 59.2 | 76,283 |
| Self-employed | 12.6 | 1.2 | 1.3 | 18.2 | 56.1 | 102,060 |
| Farmer/farm worker | 28.7 | 3.5 | 3.5 | 11.0 | 46.3 | 107,876 |
| Fisher | 23.8 | 4.0 | 4.4 | 13.0 | 54.3 | 5,358 |
| Labor/driver/domestic help | 8.3 | 0.9 | 1.0 | 20.9 | 52.6 | 54,102 |
| Others | 18.7 | 2.5 | 2.8 | 15.1 | 53.6 | 40,262 |
| Residence | | | | | | |
| Urban | 8.4 | 1.1 | 1.1 | 21.0 | 56.4 | 512,403 |
| Rural | 26.8 | 3.3 | 3.2 | 10.8 | 49.1 | 365,128 |
| Economic Status | | | | | | |
| Lowest | 30.8 | 6.3 | 5.8 | 10.9 | 41.9 | 125,275 |
| Lower middle | 23.0 | 1.9 | 2.0 | 14.4 | 50.6 | 158,606 |
| Middle | 17.0 | 1.3 | 1.4 | 17.1 | 52.7 | 185,555 |
| Upper middle | 10.9 | 1.1 | 1.2 | 19.4 | 55.0 | 204,817 |
| Highest | 6.0 | 0.9 | 0.9 | 19.2 | 61.4 | 203,216 |

1. Sleep using a mosquito net without insecticide.
2. Sleep using a mosquito net and insecticide < 3 years.
3. Sleep using a mosquito net and insecticide for > 3 years.
4. Using repellents/materials to prevent mosquito bites.
5. Using mosquito repellent (burn/spray/electric).

Table 11. 21 Proportion of Disease Prevention Method Due to Mosquito Bites in Children under Five and Pregnant Women in District/City with High Malaria Endemicity, 2023 SKI

| Province | District/City | How to Prevent Diseases Due to Mosquito Bites (%) | | | | | Weighted N |
|--------------------|---------------------|---|---------------------|---------------------|---------------------|---------------------|------------|
| | | Method ¹ | Method ² | Method ³ | Method ⁴ | Method ⁵ | |
| East Nusa Tenggara | West Sumba | 3.2 | 89.4 | 8.3 | 2.6 | 8.1 | 192 |
| | East Sumba | 2.0 | 79.7 | 12.5 | 4.2 | 12.7 | 294 |
| East Kalimantan | Southwest Sumba | 22.0 | 85.5 | 10.5 | 3.3 | 3.5 | 424 |
| | North Penajam Paser | 16.0 | 18.9 | 2.7 | 2.4 | 66.6 | 180 |
| West Papua | Wondama Bay | 1.7 | 60.8 | 15.1 | 1.5 | 23.8 | 58 |
| | Manokwari | 16.5 | 44.0 | 22.2 | 3.6 | 23.6 | 206 |
| Southwest Papua | South Manokwari | 17.5 | 65.7 | 30.1 | 8.3 | 41.3 | 39* |
| | Raja Ampat | 18.8 | 29.3 | 38.4 | 6.6 | 25.4 | 89 |
| Papua | Tambrauw | 18.4 | 80.9 | 39.0 | 15.3 | 24.6 | 44* |
| | Sorong City | 19.2 | 18.5 | 12.7 | 18.1 | 46.0 | 262 |
| Jayapura | Jayapura | 19.9 | 25.2 | 25.1 | 6.7 | 45.9 | 204 |
| | Yapen Islands | 34.5 | 57.5 | 51.9 | 5.5 | 25.1 | 128 |
| Biak Numfor | Biak Numfor | 13.3 | 56.6 | 21.3 | 11.2 | 11.1 | 154 |
| | Sarmi | 21.7 | 43.1 | 51.9 | 7.9 | 34.6 | 46* |
| Keerom | Keerom | 23.3 | 45.9 | 23.6 | 5.2 | 28.6 | 75 |
| | Waropen | 13.7 | 55.6 | 42.9 | 0.7 | 19.2 | 46* |
| Supiori | Supiori | 34.3 | 48.1 | 40.6 | 13.4 | 24.7 | 32* |
| | Mamberamo Raya | 20.2 | 63.9 | 18.9 | 0.0 | 26.3 | 46* |
| South Papua | Jayapura City | 16.1 | 15.5 | 1.4 | 10.8 | 55.4 | 424 |
| | Merauke | 10.5 | 25.0 | 18.3 | 10.1 | 49.2 | 289 |
| Boven Digoel | Boven Digoel | 34.0 | 40.6 | 12.6 | 2.5 | 28.7 | 92 |
| | Mappi | 6.7 | 85.8 | 12.5 | 4.8 | 25.9 | 160 |
| Central Papua | Asmat | 17.9 | 39.2 | 47.1 | 0.0 | 24.1 | 221 |
| | Nabire | 11.2 | 31.0 | 23.0 | 12.8 | 59.7 | 197 |
| Highland Papua | Mimika | 16.1 | 19.5 | 5.4 | 2.3 | 49.6 | 335 |
| | Jayawijaya | 38.0 | 33.5 | 13.3 | 12.8 | 20.2 | 267 |
| Yahukimo | Yahukimo | 35.8 | 29.3 | 10.2 | 12.1 | 25.7 | 365 |
| | Bintang Mountain | 0.0 | 41.0 | 0.0 | 0.0 | 0.0 | 91 |
| | Central Mamberamo | 53.6 | 33.7 | 22.7 | 3.2 | 3.7 | 50 |
| | | 18.5 | 43.5 | 16.5 | 7.1 | 31.1 | 5,011 |

* N Measured <50.

1. Sleep using a mosquito net without insecticide.
2. Sleep using a mosquito net and insecticide ≤ 3 years.
3. Sleep using a mosquito net and insecticide for > 3 years.
4. Using repellents/materials to prevent mosquito bites.
5. Using mosquito repellent (burn/spray/electric).

Table 11. 22 Proportion of Disease Prevention Method Due to Mosquito Bites in Children under Five and Pregnant Women in High Malaria Endemicity by Characteristic, 2023
SKI

| Characteristic | How to Prevent Diseases Due to Mosquito Bites (%) | | | | | Weighted N |
|--|---|---------------------|---------------------|---------------------|---------------------|------------|
| | Method ¹ | Method ² | Method ³ | Method ⁴ | Method ⁵ | |
| Age Range (Year) | | | | | | |
| <1 | 18.6 | 44.8 | 15.0 | 19.5 | 27.1 | 700 |
| 1-4 | 17.4 | 43.7 | 17.6 | 21.7 | 30.8 | 3.929 |
| 5-14 | 58.0 | 92.0 | 35.0 | 15.9 | 0.0 | 4* |
| 15-24 | 42.4 | 25.9 | 4.5 | 12.0 | 59.1 | 156 |
| 25-34 | 19.7 | 46.9 | 10.2 | 8.7 | 25.5 | 172 |
| 35-44 | 17.4 | 42.9 | 10.5 | 11.5 | 50.8 | 48* |
| 45-54 | 0.0 | 27.6 | 0.0 | 0.0 | 72.4 | 1* |
| Education | | | | | | |
| Never attended school | 18.5 | 65.9 | 29.7 | 16.5 | 22.1 | 12* |
| Some primary school/Islamic primary school | 9.0 | 47.9 | 11.3 | 30.9 | 8.2 | 40* |
| Primary school/Islamic primary school graduate | 65.2 | 22.6 | 3.1 | 6.3 | 63.3 | 109 |
| Junior secondary school/Islamic junior secondary school graduate | 10.9 | 57.1 | 17.6 | 24.1 | 19.7 | 49* |
| Senior secondary school/Islamic senior secondary school graduate | 20.4 | 45.6 | 7.8 | 19.4 | 40.1 | 103 |
| D1/D2/D3/university graduate | 10.6 | 28.0 | 4.3 | 7.4 | 51.8 | 68 |
| Occupation | | | | | | |
| Unemployed | 16.6 | 50.1 | 11.2 | 12.2 | 28.6 | 174 |
| Student | 24.5 | 57.3 | 9.4 | 20.8 | 31.5 | 14* |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 10.6 | 18.6 | 3.1 | 4.4 | 59.8 | 20* |
| Private employee | 10.9 | 22.4 | 0.0 | 0.0 | 72.1 | 12* |
| Self-employed | 0.0 | 39.1 | 2.6 | 38.8 | 42.8 | 24* |
| Fisher | 60.8 | 19.5 | 6.1 | 19.2 | 62.3 | 116 |
| Farmer/Farm worker | 48.8 | 9.0 | 0.0 | 0.0 | 42.1 | 3* |
| Others | 17.0 | 63.2 | 10.3 | 7.4 | 17.2 | 18* |
| Residence | | | | | | |
| Urban | 14.9 | 26.0 | 11.1 | 9.3 | 47.6 | 2.163 |
| Rural | 21.2 | 56.7 | 20.7 | 5.4 | 18.7 | 2.848 |
| Economic Status | | | | | | |
| Lowest | 21.1 | 59.0 | 19.5 | 5.5 | 15.2 | 2.220 |
| Lower middle | 25.3 | 51.4 | 21.7 | 5.1 | 23.6 | 657 |
| Middle | 19.5 | 35.4 | 15.9 | 6.9 | 42.3 | 608 |
| Upper middle | 13.2 | 27.6 | 12.0 | 10.9 | 45.8 | 684 |
| Highest | 9.6 | 15.1 | 8.7 | 9.9 | 59.2 | 842 |

* Weighted N <50 .

1. Sleep using a mosquito net without insecticide.
2. Sleep using a mosquito net and insecticide ≤ 3 years.
3. Sleep using a mosquito net and insecticide for > 3 years.
4. Using repellents/materials to prevent mosquito bites.
5. Using mosquito repellent (burn/spray/electric)

11. 3 DEFECATION BEHAVIOR

Information on defecation behavior of people aged ≥ 3 years. Defecation behavior that is considered proper is when household members defecate in the latrine/WC/toilet. In this case, the latrine must have a reservoir for waste and water:

- a. Proportion of proper defecation habit by province

$$= \frac{\sum_{\text{Household member aged } \geq 3 \text{ years with defecation habit in latrine/WC/toilet in province } X}}{\sum_{\text{Household member aged } \geq 3 \text{ years in province } X}}$$

- b. Proportion of defecation habit behavior by characteristic.

$$= \frac{\sum_{\text{Household member aged } \geq 3 \text{ years with defecation habit in latrine/WC/toilet based by characteristic}}}{\sum_{\text{Household member aged } \geq 3 \text{ years by characteristic}}}$$

**Table 11. 23 Proportion of Proper Defecation Behavior in Population Aged ≥ 3 by Province.
2023 SKI**

| Province | Proper Defecation Behavior ¹ | | Weighted N |
|--------------------|---|--------------------|----------------|
| | % | 95% CI | |
| Aceh | 92.7 | 91.7 - 93.6 | 16,255 |
| North Sumatera | 95.8 | 95.4 - 96.3 | 45,584 |
| West Sumatera | 91.1 | 90.1 - 92.0 | 17,114 |
| Riau | 96.5 | 95.4 - 97.4 | 19,685 |
| Jambi | 97.2 | 96.2 - 98.0 | 10,955 |
| South Sumatera | 94.3 | 93.4 - 95.1 | 26,003 |
| Bengkulu | 96.3 | 95.5 - 96.9 | 6,210 |
| Lampung | 96.5 | 95.8 - 97.0 | 27,688 |
| Bangka Belitung | 97.9 | 97.4 - 98.3 | 4,505 |
| Riau Islands | 96.8 | 94.8 - 98.0 | 6,369 |
| DKI Jakarta | 99.5 | 99.2 - 99.6 | 31,861 |
| West Java | 97.1 | 96.7 - 97.5 | 148,411 |
| Central Java | 96.9 | 96.5 - 97.3 | 112,057 |
| DI Yogyakarta | 99.1 | 98.8 - 99.4 | 11,225 |
| East Java | 94.9 | 94.3 - 95.5 | 124,362 |
| Banten | 94.9 | 93.7 - 95.9 | 36,709 |
| Bali | 97.8 | 97.2 - 98.2 | 13,137 |
| West Nusa Tenggara | 96.7 | 95.8 - 97.4 | 16,431 |
| East Nusa Tenggara | 95.5 | 94.9 - 95.9 | 16,322 |
| West Kalimantan | 96.4 | 95.8 - 96.9 | 16,727 |
| Central Kalimantan | 94.1 | 93.0 - 95.0 | 8,225 |
| South Kalimantan | 95.8 | 94.8 - 96.7 | 12,523 |
| East Kalimantan | 97.6 | 96.7 - 98.3 | 11,651 |
| North Kalimantan | 97.5 | 96.2 - 98.3 | 2,162 |
| North Sulawesi | 97.9 | 97.4 - 98.3 | 7,994 |
| Central Sulawesi | 93.7 | 92.7 - 94.7 | 9,127 |
| South Sulawesi | 98.2 | 97.7 - 98.6 | 27,815 |
| Southeast Sulawesi | 94.3 | 93.2 - 95.3 | 8,108 |
| Gorontalo | 96.5 | 95.3 - 97.3 | 3,598 |
| West Sulawesi | 95.7 | 94.0 - 96.9 | 4,361 |
| Maluku | 94.6 | 93.4 - 95.6 | 5,673 |
| North Maluku | 95.8 | 94.6 - 96.8 | 3,955 |
| West Papua | 95.5 | 93.4 - 96.9 | 1,674 |
| Southwest Papua | 94.6 | 91.2 - 96.7 | 1,808 |
| Papua | 93.9 | 92.0 - 95.3 | 3,058 |
| South Papua | 84.4 | 81.1 - 87.2 | 1,539 |
| Central Papua | 70.2 | 63.3 - 76.3 | 4,350 |
| Highland Papua | 59.6 | 52.2 - 66.7 | 4,341 |
| INDONESIA | 95.8 | 95.7 - 96.0 | 829,573 |

¹ Proper defecating behavior is the habit of defecating in the latrine/WC/toilet.

Table 11.24 Proportion of Proper Defecation Behavior in Population Aged ≥3 by Characteristic, 2023 SKI

| Characteristic | Proper Defecation Behavior ¹ | | Weighted N |
|--|---|-------------|------------|
| | % | 95% CI | |
| Age Range | | | |
| 3 – 4 | 95.4 | 95.0 - 95.7 | 31,219 |
| 5 – 9 | 95.9 | 95.6 - 96.1 | 68,386 |
| 10-14 | 95.9 | 95.6 - 96.2 | 68,636 |
| 15-19 | 95.7 | 95.4 - 96.0 | 68,904 |
| 20-24 | 95.5 | 95.1 - 95.8 | 69,530 |
| 25-29 | 96.0 | 95.7 - 96.3 | 69,955 |
| 30-34 | 96.3 | 96.0 - 96.6 | 68,789 |
| 35-39 | 95.9 | 95.5 - 96.3 | 66,724 |
| 40-44 | 96.2 | 95.9 - 96.5 | 63,500 |
| 45-49 | 96.1 | 95.8 - 96.3 | 59,493 |
| 50-54 | 96.0 | 95.7 - 96.3 | 52,693 |
| 55-59 | 95.6 | 95.2 - 95.9 | 44,819 |
| 60-64 | 95.8 | 95.4 - 96.1 | 36,052 |
| 65 + | 95.3 | 94.9 - 95.6 | 60,872 |
| Sex | | | |
| Male | 95.8 | 95.6 - 96.0 | 418,839 |
| Female | 95.9 | 95.7 - 96.1 | 410,734 |
| Education | | | |
| Never attended school | 92.4 | 95.0 - 95.7 | 31,219 |
| Some primary school | 94.5 | 91.9 - 92.8 | 68,410 |
| Primary school graduate | 94.5 | 94.2 - 94.8 | 113,862 |
| Junior secondary school graduate | 96.3 | 94.2 - 94.8 | 195,725 |
| Senior secondary school graduate | 97.7 | 96.1 - 96.6 | 142,574 |
| D1/D2/D3/university graduate | 98.9 | 97.5 - 97.9 | 214,401 |
| Occupation | | | |
| Unemployed | 95.7 | 95.5 - 95.9 | 210,895 |
| Student | 96.3 | 96.1 - 96.5 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 98.9 | 98.6 - 99.1 | 20,595 |
| Private employee | 98.6 | 98.4 - 98.7 | 75,488 |
| Self-employed | 97.4 | 97.2 - 97.6 | 100,997 |
| Farmer/farm worker | 91.7 | 91.2 - 92.2 | 106,752 |
| Fisher | 88.8 | 86.8 - 90.4 | 5,302 |
| Labor/driver/domestic help | 96.0 | 95.6 - 96.4 | 53,539 |
| Others | 96.7 | 96.3 - 97.0 | 39,843 |
| Residence | | | |
| Urban | 97.6 | 97.5 - 97.8 | 484,838 |
| Rural | 93.4 | 93.0 - 93.7 | 344,735 |
| Economic Status | | | |
| Lowest | 85.5 | 84.8 - 86.2 | 119,292 |
| Lower middle | 95.0 | 94.7 - 95.3 | 150,359 |
| Middle | 97.2 | 97.0 - 97.4 | 175,521 |
| Upper middle | 98.6 | 98.4 - 98.7 | 193,305 |
| Highest | 98.9 | 98.8 - 99.0 | 191,038 |

¹ The correct defecating behavior is defecating habit in the latrine/WC/toilet.

11. 4 HAND WASHING BEHAVIOR

Hand washing behavior data was collected from population aged 10 years and above. Proper hand washing behavior is when people wash their hands using soap and running water or using hand sanitizer before preparing food, whenever their hands are dirty (handling money, touching animals, and gardening), after defecation, after feeding a baby/child, after using pesticides/insecticides, before breastfeeding, and before eating.

Proportion of proper hand washing behavior:

$$\begin{aligned} & \sum \text{Household members washing their hands properly in province X} \\ = & \frac{\sum \text{Household member's age } \geq 10 \text{ years who are used to wash their hands in province X}}{\sum \text{Household member's age } \geq 10 \text{ years who are used to wash their hands by characteristic}} \\ = & \frac{\sum \text{Household members washing their hands properly by characteristic}}{\sum \text{Household member's age } \geq 10 \text{ years who are used to wash their hands by characteristic}} \end{aligned}$$

Table 11. 25 Proportion of Proper Hand Washing Behavior of Population Aged ≥10 by Province, 2023 SKI

| Province | Proper Hand Washing Behavior ¹ | | Weighted N |
|--------------------|---|--------------------|----------------|
| | % | 95% CI | |
| Aceh | 36.0 | 34.4 - 37.6 | 12,540 |
| North Sumatera | 37.2 | 35.4 - 39.0 | 35,749 |
| West Sumatera | 39.3 | 37.3 - 41.4 | 14,069 |
| Riau | 43.0 | 40.8 - 45.3 | 15,454 |
| Jambi | 48.0 | 45.4 - 50.7 | 8,709 |
| South Sumatera | 38.7 | 36.6 - 40.8 | 20,801 |
| Bengkulu | 48.2 | 45.7 - 50.7 | 5,020 |
| Lampung | 52.5 | 50.2 - 54.7 | 22,402 |
| Bangka Belitung | 57.2 | 54.6 - 59.8 | 3,757 |
| Riau Islands | 39.8 | 36.6 - 43.0 | 5,202 |
| DKI Jakarta | 48.0 | 44.6 - 51.4 | 26,982 |
| West Java | 56.4 | 55.0 - 57.7 | 124,670 |
| Central Java | 61.2 | 59.9 - 62.5 | 94,618 |
| DI Yogyakarta | 73.6 | 70.9 - 76.1 | 9,634 |
| East Java | 58.4 | 57.1 - 59.6 | 105,129 |
| Banten | 46.4 | 43.7 - 49.2 | 30,372 |
| Bali | 67.7 | 65.1 - 70.3 | 11,281 |
| West Nusa Tenggara | 48.6 | 46.1 - 51.1 | 13,287 |
| East Nusa Tenggara | 21.7 | 20.3 - 23.1 | 12,279 |
| West Kalimantan | 42.6 | 40.4 - 44.8 | 13,548 |
| Central Kalimantan | 43.6 | 41.0 - 46.2 | 6,650 |
| South Kalimantan | 48.6 | 46.4 - 50.7 | 10,208 |
| East Kalimantan | 60.2 | 57.7 - 62.6 | 9,598 |
| North Kalimantan | 55.2 | 51.0 - 59.2 | 1,775 |
| North Sulawesi | 41.8 | 39.6 - 43.9 | 6,617 |
| Central Sulawesi | 41.8 | 39.5 - 44.2 | 7,443 |
| South Sulawesi | 44.2 | 42.7 - 45.8 | 23,174 |
| Southeast Sulawesi | 40.6 | 38.6 - 42.6 | 6,565 |
| Gorontalo | 37.8 | 34.9 - 40.8 | 2,997 |
| West Sulawesi | 47.4 | 44.3 - 50.5 | 3,512 |
| Maluku | 28.6 | 26.0 - 31.3 | 4,638 |
| North Maluku | 36.3 | 33.8 - 38.9 | 3,125 |
| West Papua | 32.5 | 29.1 - 36.2 | 1,288 |
| Southwest Papua | 29.0 | 25.7 - 32.4 | 1,463 |
| Papua | 45.0 | 40.9 - 49.0 | 2,258 |
| South Papua | 20.9 | 18.0 - 24.2 | 1,000 |
| Central Papua | 26.2 | 20.8 - 32.5 | 2,529 |
| Highland Papua | 22.9 | 19.0 - 27.4 | 2,711 |
| INDONESIA | 51.1 | 50.6 - 51.5 | 683,052 |

¹ Proper hand washing behavior is when people wash their hands using soap and running water or using hand sanitizer before preparing food, whenever their hands are dirty (handling money, touching animals, and gardening), after defecation, after feeding a baby/child, after using pesticides/insecticides, before breastfeeding, and before eating.

Table 11. 26 Proportion of Proper Hand Washing Behavior of Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Proper Hand Washing ¹ | | Weighted N |
|--|----------------------------------|-------------|------------|
| | % | 95% CI | |
| Age Range | | | |
| 10-14 | 46.0 | 45.3 - 46.8 | 63,728 |
| 15-19 | 48.4 | 47.5 - 49.2 | 64,544 |
| 20-24 | 49.9 | 49.0 - 50.8 | 65,086 |
| 25-29 | 50.9 | 50.1 - 51.8 | 65,625 |
| 30-34 | 52.9 | 52.0 - 53.7 | 64,597 |
| 35-39 | 51.9 | 51.1 - 52.7 | 62,641 |
| 40-44 | 52.6 | 51.8 - 53.3 | 59,802 |
| 45-49 | 53.0 | 52.2 - 53.8 | 55,939 |
| 50-54 | 52.8 | 52.0 - 53.6 | 49,496 |
| 55-59 | 53.4 | 52.5 - 54.2 | 42,004 |
| 60-64 | 52.8 | 51.9 - 53.7 | 33,682 |
| 65 + | 50.5 | 49.7 - 51.3 | 55,907 |
| Sex | | | |
| Male | 53.1 | 52.6 - 53.6 | 342,905 |
| Female | 49.0 | 48.6 - 49.5 | 340,147 |
| Education | | | |
| Never attended school | 43.9 | 42.9 - 45.0 | 32,216 |
| Some primary school | 45.7 | 45.0 - 46.5 | 71,345 |
| Primary school graduate | 49.4 | 48.8 - 50.1 | 182,780 |
| Junior secondary school graduate | 50.9 | 50.2 - 51.5 | 133,994 |
| Senior secondary school graduate | 53.2 | 52.6 - 53.8 | 202,508 |
| D1/D2/D3/university graduate | 59.4 | 58.6 - 60.2 | 60,210 |
| Occupation | | | |
| Unemployed | 48.0 | 47.4 - 48.6 | 196,710 |
| Student | 48.2 | 47.5 - 48.9 | 109,095 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 58.9 | 57.8 - 60.1 | 19,503 |
| Private employee | 58.0 | 57.0 - 59.0 | 71,806 |
| Self-employed | 55.2 | 54.4 - 55.9 | 95,247 |
| Farmer/farm worker | 49.5 | 48.7 - 50.2 | 97,855 |
| Fisher | 37.9 | 35.1 - 40.9 | 4,832 |
| Labor/driver/domestic help | 54.6 | 53.4 - 55.7 | 50,719 |
| Others | 48.9 | 48.0 - 49.9 | 37,284 |
| Residence | | | |
| Urban | 54.1 | 53.5 - 54.7 | 403,917 |
| Rural | 46.7 | 46.0 - 47.4 | 279,135 |
| Economic Status | | | |
| Lowest | 40.6 | 39.8 - 41.4 | 95,440 |
| Lower middle | 47.3 | 46.6 - 48.0 | 124,180 |
| Middle | 50.6 | 49.8 - 51.3 | 145,088 |
| Upper middle | 54.0 | 53.3 - 54.7 | 159,887 |
| Highest | 57.9 | 57.1 - 58.7 | 158,413 |

¹ Proper hand washing behavior is when people wash their hands using soap and running water or using hand sanitizer before preparing food, whenever their hands are dirty (handling money, touching animals, and gardening), after defecation, after feeding a baby/child, after using pesticides/insecticides, before breastfeeding, and before eating.

11. 5 SMOKING AND TOBACCO CONSUMPTION BEHAVIOR

Smoking and tobacco consumption behavior were obtained from household members aged ≥ 10 years. This section will present indicators of smoking behavior and secondary/pассив smoking behavior. Indicators related to smoking and tobacco are as follows: smoking behavior, age of first smoking, age of starting to quit smoking (for former smokers), type of cigarette, average cigarettes consumed, average price of cigarettes per pack consumed, and tobacco chewing behavior.

Tobacco consumption behavior includes the habit of smoking cigarettes, electronic cigarette, shisha, and chewing tobacco. Active smokers are people or household members smoking inside a house or a building. Meanwhile, passive smokers include people near people smoking at home or in buildings. Current smoking behavior includes smoking every day or occasionally in the past month. Past smoking behavior includes smoking daily or occasionally in the past. Never smoked means never tried to smoke until the time of data collection. Indicators related to cigarettes and tobacco are calculated using the following formula:

- a. Prevalence of smoking among 10-18 year olds in the last 1 month.

$$= \frac{\text{Household members aged } 10-18 \text{ years old smoking in the last 1 month in province } X}{\text{All household members aged } 10-18 \text{ years old in province}}$$

$$= \frac{\text{Household members aged } 10-18 \text{ years old smoking in the last 1 month by characteristic}}{\text{All household members aged } 10-18 \text{ years old by characteristics}}$$

- b. Prevalence of smoking at age ≥ 10 years in the last 1 month.

$$= \frac{\text{Household members aged } \geq 10 \text{ years smoking in the last 1 month in province } X}{\text{All household members aged } \geq 10 \text{ years in province } X}$$

$$= \frac{\text{Household members } \geq 10 \text{ years smoking in the last 1 month by characteristics}}{\text{All household members aged } \geq 10 \text{ years by characteristics}}$$

- c. Average number of cigarettes (kretek, white, hand-rolled) smoked per day.

$$= \frac{\text{Number of cigarettes smoked per day in province } X}{\text{Number of household members smoking kretek, white, hand-rolled per day in province } X}$$

$$= \frac{\text{Number of cigarettes smoked by characteristic}}{\text{Number of household members smoking kretek, white, hand-rolled per day by characteristic}}$$

Number of household members smoking kretek, white, hand-rolled per day by characteristic

- d. Average number of cigarettes (kretek, white, hand-rolled) smoked per week.

$$= \frac{\text{Number of cigarettes smoked per week in province } X}{\text{Number of household members smoking kretek, white, hand-rolled per week in province } X}$$

$$= \frac{\text{Number of cigarettes smoked by characteristic}}{\text{Number of household members smoking kretek, white, hand-rolled per week by characteristic}}$$

- e. The average price of cigarettes (kretek, white, hand-rolled) per pack bought by the household members.

$$= \frac{\text{Total number of cigarette price per pack in province } X}{\text{All household members } \geq 10 \text{ years smoking (kretek, white, hand-rolled) in province } X}$$

$$= \frac{\text{Total number of cigarette price per pack by characteristic}}{\text{All household members } \geq 10 \text{ years smoking (kretek, white, hand-rolled) by characteristic}}$$

- f. Proportion of age of first smoking
- $$= \frac{\sum \text{Household members' age of first smoking in province } X}{\sum \text{Household members } \geq 10 \text{ years old who have smoked in province } X}$$
- $$= \frac{\sum \text{Household members' age of first smoking by characteristic}}{\sum \text{Household members } \geq 10 \text{ years old who have smoked by characteristic}}$$
- g. Proportion of age of first smoking every day
- $$\Sigma \text{Household members' age of first smoking every day in province } X$$
- $$= \frac{\Sigma \text{Household members } \geq 10 \text{ years old smoking every day in province } X}{\Sigma \text{Household members' age of first smoking every day by characteristic}}$$
- $$= \frac{\Sigma \text{Household members } \geq 10 \text{ years old smoking every day by characteristic}}{\Sigma \text{Household members } \geq 10 \text{ years old smoking every day by characteristic}}$$
- h. Proportion of cigarettes type smoked
- $$= \frac{\text{Household member aged } \geq 10 \text{ years old having smoking habit of certain cigarettes types in province } X}{\text{All household members aged } \geq 10 \text{ years old who have smoked in province } X}$$
- Household members aged ≥ 10 years old having smoking habit of certain cigarettes types
- by characteristic
- $$= \frac{\text{Household members aged } \geq 10 \text{ years old who have smoked by characteristic}}{\text{Household members aged } \geq 10 \text{ years old who have smoked by characteristic}}$$
- i. Proportion of smoking in buildings/rooms
- $$= \frac{\text{Household members aged } \geq 10 \text{ years old who smoke in buildings/rooms/houses in province } X}{\text{All household members aged } \geq 10 \text{ years old who smoke in province } X}$$
- $$= \frac{\text{Household members aged } \geq 10 \text{ years old who smoke in buildings/rooms/houses by characteristic}}{\text{All household members aged } \geq 10 \text{ years old who smoke by characteristic}}$$
- j. Proportion of frequency being near with smokers in a closed room.
- Household members aged ≥ 10 years old being near with smokers in a closed room in province X
- $$= \frac{\text{All household members aged } \geq 10 \text{ years old in province } X}{\text{Household members aged } \geq 10 \text{ years old being near with smokers in a closed room}}$$
- $$= \frac{\text{by characteristic}}{\text{All household members aged } \geq 10 \text{ years old by characteristic}}$$
- k. Proportion of chewing tobacco consumption.
- Household members aged ≥ 10 years old who have a habit of chewing tobacco consumption in the last 1 month in province X
- $$= \frac{\text{All household members aged } \geq 10 \text{ years in province } X}{\text{Household members aged } \geq 10 \text{ years old who have a habit of chewing tobacco consumption}}$$
- $$= \frac{\text{in the last 1 month by characteristic}}{\text{All household members aged } \geq 10 \text{ years by characteristic}}$$

**Table 11.27 Prevalence of Smoking in Population Aged 10-18 in the Last 1 Month, 2023
SKI**

| Province | Current Smoker | | | | Not Smoking | | | | Weighted N | |
|--------------------|----------------|----------------|-------------------|--------------|-------------|----------------|-------------|----------------|----------------|--|
| | Daily Smoker | | Occasional Smoker | | Ex-smoker | | Non-smoker | | | |
| | % | 95%CI | % | 95%CI | % | 95%CI | % | 95%CI | | |
| Aceh | 2.7 | 2-3.6 | 3.2 | 2.4-4.4 | 0.1 | 0.1-0.3 | 94.0 | 92.5-95.1 | 2,570 | |
| North Sumatera | 1.8 | 1.4-2.4 | 1.9 | 1.4-2.6 | 0.7 | 0.4-1.1 | 95.6 | 94.6-96.5 | 7,184 | |
| West Sumatera | 4.3 | 3.6-5.1 | 2.8 | 2.3-3.4 | 0.9 | 0.6-1.3 | 92.0 | 90.9-92.9 | 2,597 | |
| Riau | 2.2 | 1.7-2.8 | 0.8 | 0.5-1.3 | 0.4 | 0.2-0.7 | 96.7 | 95.9-97.3 | 3,104 | |
| Jambi | 1.7 | 1.2-2.5 | 1.5 | 1.0-2.3 | 0.1 | 0.0-0.3 | 96.7 | 95.6-97.5 | 1,641 | |
| South Sumatera | 3.0 | 2.5-3.6 | 2.2 | 1.7-2.8 | 0.4 | 0.2-0.7 | 94.5 | 93.6-95.2 | 3,912 | |
| Bengkulu | 4.3 | 3.1-5.8 | 2.5 | 1.8-3.5 | 0.0 | 0.0-0.1 | 93.2 | 91.6-94.5 | 896 | |
| Lampung | 4.2 | 3.3-5.2 | 2.4 | 1.7-3.5 | 0.1 | 0.1-0.2 | 93.3 | 91.9-94.5 | 3,954 | |
| Bangka Belitung | 2.9 | 2.2-3.8 | 1.4 | 1.0-2.1 | 0.4 | 0.1-1.7 | 95.3 | 94.0-96.3 | 654 | |
| Riau Islands | 1.6 | 1.0-2.8 | 1.7 | 1.1-2.8 | 1.3 | 0.7-2.5 | 95.3 | 93.6-96.5 | 952 | |
| DKI Jakarta | 2.4 | 1.6-3.5 | 2.9 | 1.9-4.3 | 1.1 | 0.6-2.0 | 93.6 | 91.6-95.2 | 4,253 | |
| West Java | 7.3 | 6.3-8.3 | 3.8 | 3.2-4.6 | 1.4 | 1.1-1.8 | 87.6 | 86.3-88.7 | 21,360 | |
| Central Java | 5.9 | 5.2-6.8 | 3.7 | 3.3-4.3 | 1.3 | 1.0-1.6 | 89.1 | 88.1-90.0 | 14,751 | |
| DI Yogyakarta | 4.7 | 3.6-6.2 | 5.3 | 3.8-7.3 | 3.3 | 2.2-5.1 | 86.6 | 84.1-88.8 | 1,374 | |
| East Java | 5.3 | 4.6-6.1 | 2.6 | 2.2-3.1 | 0.8 | 0.6-1.1 | 91.3 | 90.3-92.2 | 15,664 | |
| Banten | 5.6 | 4.4-7.1 | 4.1 | 3.0-5.4 | 1.5 | 0.4-5.7 | 88.9 | 86.1-91.1 | 5,403 | |
| Bali | 2.2 | 1.5-3.0 | 1.7 | 1.2-2.5 | 0.3 | 0.1-0.6 | 95.8 | 94.6-96.8 | 1,702 | |
| West Nusa Tenggara | 6.5 | 5.1-8.2 | 3.2 | 2.3-4.5 | 0.5 | 0.2-0.9 | 89.8 | 87.8-91.5 | 2,485 | |
| East Nusa Tenggara | 3.6 | 2.9-4.4 | 2.7 | 2.1-3.5 | 0.4 | 0.2-0.6 | 93.3 | 92.3-94.3 | 2,703 | |
| West Kalimantan | 2.8 | 2.0-3.8 | 1.9 | 1.2-2.9 | 0.2 | 0.1-0.5 | 95.2 | 93.8-96.3 | 2,527 | |
| Central Kalimantan | 2.5 | 1.7-3.6 | 1.1 | 0.5-2.1 | 0.2 | 0.1-0.6 | 96.2 | 94.8-97.2 | 1,245 | |
| South Kalimantan | 2.8 | 2.1-3.7 | 1.7 | 1.2-2.6 | 0.5 | 0.2-0.9 | 95.0 | 93.8-96.0 | 1,861 | |
| East Kalimantan | 3.3 | 2.4-4.6 | 1.9 | 1.1-3.2 | 1.0 | 0.6-1.7 | 93.9 | 92.2-95.1 | 1,716 | |
| North Kalimantan | 2.5 | 1.3-4.8 | 1.5 | 0.7-3.6 | 0.4 | 0.1-2.5 | 95.6 | 92.7-97.4 | 328 | |
| North Sulawesi | 2.9 | 2.1-4.0 | 2.2 | 1.4-3.3 | 0.6 | 0.3-1.2 | 94.3 | 92.8-95.6 | 1,080 | |
| Central Sulawesi | 4.2 | 3.2-5.4 | 2.8 | 2.0-3.9 | 1.2 | 0.7-1.9 | 91.8 | 90.2-93.2 | 1,409 | |
| South Sulawesi | 4.6 | 3.9-5.5 | 1.9 | 1.4-2.5 | 1.4 | 0.9-2.1 | 92.1 | 90.9-93.1 | 4,187 | |
| Southeast Sulawesi | 2.0 | 1.4-2.7 | 1.2 | 0.8-1.7 | 0.2 | 0.1-0.5 | 96.6 | 95.7-97.3 | 1,349 | |
| Gorontalo | 3.3 | 2.3-4.8 | 2.7 | 1.8-3.9 | 1.0 | 0.5-2.0 | 93.0 | 91.2-94.5 | 528 | |
| West Sulawesi | 3.2 | 2.2-4.7 | 1.6 | 0.9-2.7 | 0.5 | 0.2-1.3 | 94.7 | 93.0-96.0 | 713 | |
| Maluku | 2.3 | 1.5-3.5 | 2.4 | 1.5-3.7 | 0.7 | 0.3-1.5 | 94.6 | 93.1-95.9 | 917 | |
| North Maluku | 1.4 | 0.7-2.7 | 2.1 | 1.3-3.2 | 0.3 | 0.1-0.8 | 96.3 | 94.7-97.4 | 647 | |
| West Papua | 2.6 | 1.2-5.2 | 1.9 | 1.0-3.8 | 0.5 | 0.2-1.4 | 95.0 | 92.0-96.9 | 253 | |
| Southwest Papua | 2.7 | 1.1-6 | 1.9 | 0.7-5.0 | 0.1 | 0.0-0.5 | 95.3 | 91.4-97.5 | 267 | |
| Papua | 1.3 | 0.7-2.5 | 3.4 | 2.1-5.3 | 0.8 | 0.3-2.1 | 94.5 | 92.4-96.1 | 467 | |
| South Papua | 4.8 | 2.8-8.1 | 2.5 | 1.2-4.8 | 1.3 | 0.4-4.3 | 91.5 | 87.7-94.2 | 256 | |
| Central Papua | 2.7 | 1.1-6.4 | 1.1 | 0.4-3.4 | 0.2 | 0.0-1.6 | 96.0 | 92.3-97.9 | 568 | |
| Highland Papua | 1.5 | 0.5-4.7 | 2.0 | 0.7-5.7 | 0.4 | 0.1-3.1 | 96.0 | 92.2-98.0 | 507 | |
| INDONESIA | 4.6 | 4.3-4.9 | 2.8 | 2.6-3 | 0.9 | 0.8-1.1 | 91.7 | 91.3-92 | 117,983 | |

Table 11. 28 Prevalence of Smoking in Population Aged 10-18 in the Last Month according to Characteristics, 2023 SKI

| Characteristic | Current Smoker (%. 95%CI) | | Not Smoking (%. 95%CI) | | Weighted N |
|--|---------------------------|-------------------|------------------------|------------------|------------|
| | Daily Smoker | Occasional Smoker | Ex-Smoker | Non-Smoker | |
| Sex | | | | | |
| Male | 8.9 (8.4-9.4) | 5.4 (5.0-5.8) | 1.6 (1.4-1.9) | 84.1 (83.5-84.7) | 60,766 |
| Female | 0.1 (0.0-0.1) | 0.1 (0.1-0.2) | 0.2 (0.1-0.3) | 99.6 (99.5-99.7) | 57,217 |
| Education | | | | | |
| Never attended school | 2.1 (1.6-2.6) | 1.4 (1.0-1.9) | 0.3 (0.1-0.5) | 96.3 (95.6-96.9) | 8,747 |
| Some primary school | 0.8 (0.7-1.0) | 0.7 (0.5-0.9) | 0.3 (0.2-0.5) | 98.2 (97.9-98.4) | 35,167 |
| Primary school graduate | 3.1 (2.8-3.5) | 2.2 (1.9-2.4) | 1.0 (0.9-1.3) | 93.7 (93.2-94.1) | 35,440 |
| Junior secondary school graduate | 9.4 (8.8-10.2) | 5.6 (5.1-6.1) | 1.5 (1.2-2.0) | 83.5 (82.6-84.4) | 32,958 |
| Senior secondary school graduate | 12.9 (11.4-14.6) | 6.9 (5.8-8.2) | 1.3 (0.9-1.9) | 78.9 (76.9-80.8) | 5,646 |
| D1/D2/D3/university graduate | 6.6 (1.6-24.0) | 8.7 (1.5-37.1) | 0.0 (0.0-0.0) | 84.6 (60.6-95.2) | 26* |
| Occupation | | | | | |
| Unemployed | 6.1 (5.5-6.7) | 3.0 (2.6-3.4) | 0.8 (0.6-1.0) | 90.2 (89.4-90.8) | 24,638 |
| Student | 3.3 (3.1-3.6) | 2.6 (2.4-2.8) | 1.0 (0.8-1.1) | 93.1 (92.7-93.4) | 89,554 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 2.4 (0.7-7.8) | 2.8 (0.6-11.4) | 0.2 (0.0-1.7) | 94.6 (86.6-97.9) | 67 |
| Private employee | 16.4 (12.2-21.6) | 5.7 (3.5-9.1) | 0.9 (0.3-2.1) | 77.1 (71.6-81.8) | 959 |
| Self-employed | 21.4 (16.5-27.2) | 7.0 (4.2-11.5) | 0.8 (0.2-3.0) | 70.8 (64.4-76.5) | 711 |
| Farmer/farm worker | 40.8 (33.3-48.7) | 5.3 (3.5-7.9) | 1.3 (0.4-4.0) | 52.7 (45.1-60.1) | 478 |
| Fisher | 42.8 (26.8-60.4) | 5.4 (2.3-12.2) | 0.0 (0.0-0.0) | 51.8 (35.4-67.9) | 83 |
| Labor/driver/domestic help | 35.2 (28.3-42.8) | 10.5 (7.1-15.3) | 0.4 (0.1-1.3) | 53.9 (46.5-61.2) | 818 |
| Others | 14 (10.2-19.0) | 3.9 (2.4-6.2) | 1.4 (0.5-3.7) | 80.7 (75.5-85.0) | 674 |
| Residence | | | | | |
| Urban | 4.1 (3.9-4.4) | 3.0 (2.8-3.3) | 1.1 (1.0-1.3) | 91.7 (91.3-92.1) | 68,063 |
| Rural | 5.2 (4.8-5.7) | 2.5 (2.3-2.8) | 0.6 (0.4-0.9) | 91.6 (91.0-92.1) | 49,920 |
| Economic Status | | | | | |
| Lowest | 5.7 (5.0-6.3) | 3.0 (2.6-3.5) | 0.6 (0.4-0.8) | 90.7 (89.9-91.5) | 16,291 |
| Lower middle | 5.7 (5.1-6.4) | 3.6 (3.1-4.1) | 0.7 (0.5-0.9) | 90.0 (89.2-90.8) | 21,568 |
| Middle | 5.4 (4.9-6.1) | 3.0 (2.6-3.5) | 1.0 (0.6-1.6) | 90.5 (89.7-91.3) | 25,747 |
| Upper middle | 4.0 (3.6-4.5) | 2.8 (2.4-3.2) | 1.2 (0.9-1.5) | 92.0 (91.4-92.6) | 28,217 |
| Highest | 2.8 (2.4-3.3) | 2.0 (1.7-2.3) | 0.9 (0.7-1.2) | 94.3 (93.7-94.9) | 26,153 |

* Weighted N <50.

Table 11.29 Prevalence of Smoking in Population Aged ≥10 in the last 1 month by Province. 2023 SKI

| Province | Current Smoker | | | | Not Smoking | | | | Weighted N | |
|--------------------|----------------|------------------|-------------------|----------------|-------------|----------------|-------------|----------------|----------------|--|
| | Daily Smoker | | Occasional Smoker | | Ex-Smoker | | Non-Smoker | | | |
| | % | 95%CI | % | 95%CI | % | 95%CI | % | 95%CI | | |
| Aceh | 20.0 | 19.3-20.8 | 5.2 | 4.7-5.8 | 1.3 | 1.1-1.6 | 73.4 | 72.5-74.2 | 13,654 | |
| North Sumatera | 18.7 | 18.0-19.4 | 4.5 | 4.1-4.9 | 2.0 | 1.8-2.4 | 74.7 | 73.9-75.5 | 38,293 | |
| West Sumatera | 24.6 | 23.9-25.4 | 3.9 | 3.5-4.3 | 2.6 | 2.4-2.9 | 68.8 | 68.0-69.6 | 14,601 | |
| Riau | 20.9 | 20.1-21.8 | 3.9 | 3.5-4.3 | 1.7 | 1.5-1.9 | 73.5 | 72.7-74.4 | 16,528 | |
| Jambi | 16.8 | 15.9-17.7 | 4.2 | 3.8-4.7 | 1.3 | 1.0-1.5 | 77.8 | 76.8-78.7 | 9,256 | |
| South Sumatera | 22.1 | 21.4-22.8 | 4.2 | 3.8-4.6 | 1.6 | 1.4-1.8 | 72.2 | 71.4-72.9 | 21,935 | |
| Bengkulu | 23.5 | 22.4-24.6 | 4.4 | 3.8-5.0 | 1.2 | 0.9-1.5 | 71.0 | 70.0-72.0 | 5,257 | |
| Lampung | 25.3 | 24.5-26.1 | 3.9 | 3.6-4.3 | 1.8 | 1.6-2.1 | 68.9 | 68.1-69.8 | 23,530 | |
| Bangka Belitung | 20.8 | 19.8-21.8 | 3.1 | 2.7-3.6 | 1.3 | 1.0-1.6 | 74.9 | 73.8-75.9 | 3,849 | |
| Riau Islands | 20.2 | 19.0-21.6 | 3.4 | 2.7-4.2 | 1.9 | 1.5-2.5 | 74.5 | 72.9-76.0 | 5,379 | |
| DKI Jakarta | 19.1 | 18.0-20.2 | 5.0 | 4.5-5.7 | 4.7 | 4.1-5.4 | 71.2 | 69.9-72.5 | 27,664 | |
| West Java | 27.0 | 26.4-27.6 | 5.0 | 4.7-5.4 | 4.1 | 3.7-4.4 | 63.9 | 63.2-64.6 | 127,590 | |
| Central Java | 23.6 | 23.1-24.1 | 4.8 | 4.5-5.1 | 3.0 | 2.8-3.3 | 68.6 | 68.0-69.1 | 97,334 | |
| DI Yogyakarta | 19.2 | 18.1-20.2 | 5.1 | 4.5-5.7 | 6.9 | 6.1-7.8 | 68.9 | 67.6-70.1 | 9,852 | |
| East Java | 22.8 | 22.3-23.3 | 4.2 | 4.0-4.5 | 2.5 | 2.4-2.7 | 70.4 | 69.9-70.9 | 108,610 | |
| Banten | 24.4 | 23.3-25.6 | 5.0 | 4.4-5.6 | 2.9 | 2.2-3.8 | 67.7 | 66.5-68.9 | 31,161 | |
| Bali | 16.0 | 15.2-16.8 | 3.7 | 3.3-4.1 | 2.3 | 2.0-2.7 | 78.0 | 77.1-78.9 | 11,517 | |
| West Nusa Tenggara | 27.7 | 26.7-28.7 | 3.6 | 3.1-4.2 | 1.5 | 1.2-1.8 | 67.2 | 66.2-68.2 | 13,789 | |
| East Nusa Tenggara | 18.7 | 18.1-19.4 | 6.3 | 5.9-6.7 | 1.3 | 1.1-1.5 | 73.7 | 73.0-74.4 | 13,535 | |
| West Kalimantan | 19.6 | 18.6-20.5 | 4.3 | 3.8-4.8 | 1.6 | 1.4-1.8 | 74.6 | 73.6-75.5 | 14,173 | |
| Central Kalimantan | 19.1 | 18.1-20.2 | 4.3 | 3.8-4.9 | 1.5 | 1.2-1.7 | 75.1 | 74.0-76.2 | 7,033 | |
| South Kalimantan | 16.5 | 15.8-17.4 | 3.9 | 3.5-4.3 | 1.7 | 1.5-2.0 | 77.8 | 77.0-78.7 | 10,566 | |
| East Kalimantan | 18.3 | 17.2-19.5 | 3.8 | 3.3-4.3 | 3.5 | 2.9-4.1 | 74.4 | 73.1-75.7 | 9,985 | |
| North Kalimantan | 16.5 | 14.6-18.5 | 4.0 | 3.3-4.8 | 1.4 | 0.9-2.0 | 78.2 | 76.2-80.0 | 1,851 | |
| North Sulawesi | 19.0 | 18.1-20.0 | 5.5 | 5.0-6.0 | 3.2 | 2.8-3.7 | 72.3 | 71.1-73.3 | 6,921 | |
| Central Sulawesi | 23.1 | 22.1-24.1 | 4.8 | 4.3-5.4 | 2.7 | 2.3-3.2 | 69.4 | 68.3-70.4 | 7,723 | |
| South Sulawesi | 20.6 | 19.9-21.3 | 3.0 | 2.8-3.3 | 3.6 | 3.0-2.4 | 72.8 | 72.1-73.5 | 23,925 | |
| Southeast Sulawesi | 17.5 | 16.7-18.4 | 3.9 | 3.5-4.3 | 2.0 | 1.6-2.3 | 76.7 | 75.7-77.5 | 6,791 | |
| Gorontalo | 22.3 | 21.1-23.6 | 5.7 | 4.9-6.7 | 1.6 | 1.3-2.1 | 70.3 | 68.9-71.6 | 3,085 | |
| West Sulawesi | 20.1 | 18.9-21.4 | 3.3 | 2.7-3.9 | 1.6 | 1.3-2.1 | 75.0 | 73.7-76.3 | 3,653 | |
| Maluku | 18.6 | 17.4-19.8 | 5.9 | 5.3-6.7 | 2.0 | 1.7-2.4 | 73.5 | 72.3-74.6 | 4,831 | |
| North Maluku | 19.0 | 17.8-20.2 | 6.0 | 5.4-6.8 | 1.2 | 0.9-1.6 | 73.8 | 72.5-75.0 | 3,325 | |
| West Papua | 15.6 | 13.4-18.1 | 6.7 | 5.6-8.1 | 1.0 | 0.6-1.4 | 76.7 | 74.0-79.1 | 1,418 | |
| Southwest Papua | 18.2 | 16.3-20.4 | 6.1 | 5.0-7.3 | 1.1 | 0.8-1.4 | 74.6 | 72.2-76.9 | 1,551 | |
| Papua | 16.3 | 14.6-18.2 | 6.4 | 5.3-7.7 | 2.3 | 1.7-3.1 | 75.0 | 72.7-77.1 | 2,446 | |
| South Papua | 24.9 | 22.5-27.6 | 5.0 | 3.5-7.0 | 1.5 | 0.9-2.5 | 68.6 | 65.6-71.4 | 1,163 | |
| Central Papua | 10.3 | 8.3-12.8 | 6.9 | 5.4-8.6 | 1.3 | 0.9-2.1 | 81.5 | 78.5-84.1 | 3,708 | |
| Highland Papua | 10.0 | 8.4-11.9 | 5.5 | 4.3-7.2 | 0.7 | 0.5-1.2 | 83.7 | 81.0-86.1 | 3,803 | |
| INDONESIA | 22.46 | 22.3-22.6 | 4.56 | 4.5-4.7 | 2.8 | 2.7-2.9 | 70.2 | 70-70.4 | 711,286 | |

Table 11.30 Prevalence of Smoking in Population Aged ≥10 in the last 1 month by Characteristic, 2023 SKI

| Characteristic | Current Smoker (%. 95%CI) | | Not Smoking (%. 95%CI) | | Weighted N |
|--|---------------------------|-------------------|------------------------|------------------|------------|
| | Daily Smoker | Occasional Smoker | Ex-Smoker | Non-Smoker | |
| Age Range | | | | | |
| 10-14 | 0.5 (0.4-0.6) | 0.7 (0.6-0.8) | 0.5 (0.4-0.7) | 98.3 (98.1-98.5) | 66,880 |
| 15-19 | 11.1 (10.6-11.6) | 5.6 (5.2-5.9) | 1.4 (1.1-1.6) | 82.0 (81.4-82.6) | 67,140 |
| 20-24 | 24.5 (23.8-25.2) | 5.9 (5.5-6.3) | 1.3 (1.1-1.5) | 68.4 (67.6-69.1) | 67,751 |
| 25-29 | 28.3 (27.6-29.0) | 5.0 (4.6-5.4) | 1.7 (1.4-1.9) | 65.1 (64.3-65.8) | 68,165 |
| 30-34 | 29.2 (28.6-29.9) | 4.7 (4.4-5.0) | 2.0 (1.8-2.3) | 64.1 (63.4-64.7) | 67,029 |
| 35-39 | 29.7 (29.1-30.3) | 4.7 (4.4-5.0) | 2.1 (1.9-2.3) | 63.4 (62.8-64.1) | 65,016 |
| 40-44 | 29.8 (29.2-30.3) | 4.9 (4.6-5.2) | 2.5 (2.3-2.7) | 62.8 (62.2-63.4) | 61,875 |
| 45-49 | 28.2 (27.7-28.8) | 4.8 (4.5-5.1) | 2.9 (2.7-3.1) | 64.1 (63.5-64.7) | 57,971 |
| 50-54 | 26.3 (25.7-26.9) | 4.9 (4.6-5.2) | 3.6 (3.3-3.9) | 65.2 (64.6-65.8) | 51,344 |
| 55-59 | 24.5 (23.9-25.1) | 4.8 (4.5-5.1) | 4.5 (4.2-4.9) | 66.1 (65.5-66.8) | 43,672 |
| 60-64 | 22.6 (21.9-23.3) | 4.6 (4.3-5.0) | 6.2 (5.8-6.6) | 66.6 (65.8-67.4) | 35,130 |
| 65 + | 17.3 (16.8-17.8) | 4.5 (4.2-4.8) | 7.8 (7.4-8.2) | 70.4 (69.9-71.0) | 59,314 |
| Age Range (Special) | | | | | |
| 15+ | 24.7 (24.5-24.9) | 5.0 (4.9-5.1) | 3.0 (2.9-3.1) | 67.3 (67.0-67.5) | 644,406 |
| 10+ | 22.5 (22.3-22.6) | 4.6 (4.5-4.7) | 2.8 (2.7-2.9) | 70.2 (70.0-70.4) | 711,286 |
| Sex | | | | | |
| Male | 43.8 (43.5-44.2) | 8.6 (8.5-8.8) | 5.0 (4.8-5.1) | 42.5 (42.2-42.9) | 358,482 |
| Female | 0.7 (0.7-0.8) | 0.4 (0.4-0.5) | 0.6 (0.5-0.6) | 98.3 (98.2-98.4) | 352,804 |
| Education | | | | | |
| Never attended school | 16.0 (15.4-16.6) | 3.3 (3.0-3.7) | 2.4 (2.1-2.7) | 78.3 (77.6-79.0) | 35,612 |
| Some primary school | 13.0 (12.6-13.4) | 2.6 (2.4-2.8) | 1.9 (1.8-2.1) | 82.5 (82.0-83.0) | 75,359 |
| Primary school graduate | 22.8 (22.4-23.1) | 4.2 (4.0-4.4) | 2.8 (2.6-2.9) | 70.3 (69.9-70.6) | 190,716 |
| Junior secondary school graduate | 24.6 (24.2-25.0) | 4.9 (4.7-5.1) | 2.4 (2.2-2.6) | 68.1 (67.6-68.5) | 138,925 |
| Senior secondary school graduate | 27.2 (26.8-27.6) | 5.7 (5.5-5.9) | 3.1 (2.9-3.2) | 64.1 (63.7-64.5) | 208,914 |
| D1/D2/D3/university graduate | 16.0 (15.5-16.5) | 4.3 (4.1-4.6) | 4.1 (3.8-4.4) | 75.6 (75.1-76.1) | 61,760 |
| Occupation | | | | | |
| Unemployed | 6.1 (5.9-6.4) | 2.0 (1.9-2.1) | 1.6 (1.5-1.7) | 90.3 (90.0-90.5) | 205,498 |
| Student | 5.7 (5.4-6.0) | 3.2 (3.0-3.4) | 1.1 (1.0-1.3) | 90.0 (89.6-90.4) | 113,575 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 20.6 (19.8-21.5) | 4.9 (4.5-5.4) | 4.8 (4.3-5.2) | 69.7 (68.7-70.6) | 20,068 |
| Private employee | 32.5 (31.8-33.2) | 6.7 (6.3-7.1) | 4.0 (3.7-4.4) | 56.8 (56.0-57.5) | 73,556 |
| Self-employed | 37.4 (36.8-38.0) | 6.2 (6.0-6.5) | 4.1 (3.8-4.3) | 52.3 (51.7-52.9) | 98,412 |
| Farmer/farm worker | 37.7 (37.2-38.2) | 6.6 (6.3-6.8) | 3.7 (3.5-3.9) | 52.0 (51.5-52.5) | 104,020 |
| Fisher | 57.6 (55.5-59.7) | 8.3 (7.0-9.7) | 3.7 (3.0-4.5) | 30.5 (28.6-32.4) | 5,166 |
| Labor/driver/domestic help | 51.8 (50.9-52.7) | 7.7 (7.2-8.2) | 4.1 (3.8-4.5) | 36.3 (35.5-37.1) | 52,168 |
| Others | 16.9 (16.2-17.6) | 3.6 (3.3-4.0) | 3.1 (2.8-3.4) | 76.4 (75.6-77.2) | 38,823 |
| Residence | | | | | |
| Urban | 21.6 (21.3-21.8) | 4.6 (4.4-4.7) | 3.3 (3.2-3.5) | 70.5 (70.3-70.8) | 416,383 |
| Rural | 23.7 (23.4-24.0) | 4.5 (4.4-4.7) | 2.0 (1.9-2.1) | 69.7 (69.4-70.0) | 294,903 |
| Economic Status | | | | | |
| Lowest | 25.0 (24.6-25.5) | 5.2 (5.0-5.5) | 2.1 (1.9-2.2) | 67.7 (67.2-68.2) | 103,577 |
| Lower middle | 25.3 (24.9-25.7) | 4.8 (4.6-5.1) | 2.4 (2.2-2.5) | 67.5 (67.1-67.9) | 129,735 |
| Middle | 24.2 (23.8-24.6) | 4.5 (4.3-4.7) | 2.6 (2.4-2.8) | 68.7 (68.3-69.1) | 150,383 |
| Upper middle | 22.0 (21.7-22.4) | 4.5 (4.3-4.7) | 2.9 (2.8-3.1) | 70.5 (70.2-70.9) | 165,087 |
| Highest | 17.3 (17.0-17.7) | 4.1 (3.9-4.2) | 3.6 (3.5-3.8) | 75.0 (74.6-75.4) | 162,452 |

Table 11. 31 Average Number of Cigarettes (Kretek, White, Hand-Rolled) Smoked per Day and per Week in Population Aged ≥10 by Province, 2023 SKI

| Province | Number of Cigarettes per Day | | Number of Cigarettes per Week | |
|--------------------|-------------------------------------|----------------|------------------------------------|---------------|
| | Average (\pm SD) | Weighted N | Average (\pm SD) | Weighted N |
| Aceh | 14.44 (\pm 7.72) | 2,522 | 11.11 (\pm 8.29) | 579 |
| North Sumatera | 13.52 (\pm 7.08) | 6,687 | 9.50 (\pm 7.60) | 1,540 |
| West Sumatera | 15.36 (\pm 8.24) | 3,369 | 10.31 (\pm 10.14) | 517 |
| Riau | 15.40 (\pm 7.56) | 3,237 | 11.19 (\pm 9.38) | 483 |
| Jambi | 15.29 (\pm 7.32) | 1,431 | 12.83 (\pm 8.88) | 310 |
| South Sumatera | 13.04 (\pm 6.61) | 4,504 | 9.71 (\pm 6.10) | 712 |
| Bengkulu | 14.19 (\pm 6.87) | 1,131 | 12.63 (\pm 10.47) | 173 |
| Lampung | 12.33 (\pm 7.30) | 5,466 | 9.53 (\pm 8.97) | 778 |
| Bangka Belitung | 16.42 (\pm 7.98) | 728 | 11.68 (\pm 10.10) | 94 |
| Riau Islands | 14.68 (\pm 7.63) | 999 | 11.83 (\pm 9.76) | 154 |
| DKI Jakarta | 11.53 (\pm 8.96) | 5,031 | 8.51 (\pm 9.13) | 1,619 |
| West Java | 10.97 (\pm 7.49) | 32,163 | 6.91 (\pm 7.37) | 6,831 |
| Central Java | 10.64 (\pm 6.97) | 21,226 | 8.06 (\pm 8.31) | 4,752 |
| DI Yogyakarta | 10.98 (\pm 9.23) | 1,827 | 7.73 (\pm 10.63) | 719 |
| East Java | 11.20 (\pm 7.48) | 22,847 | 9.69 (\pm 9.95) | 4,412 |
| Banten | 12.46 (\pm 7.67) | 6,966 | 8.76 (\pm 8.12) | 1,578 |
| Bali | 11.84 (\pm 6.96) | 1,657 | 7.82 (\pm 7.09) | 370 |
| West Nusa Tenggara | 11.90 (\pm 7.88) | 3,478 | 7.02 (\pm 8.38) | 388 |
| East Nusa Tenggara | 10.99 (\pm 7.95) | 2,370 | 7.51 (\pm 6.80) | 663 |
| West Kalimantan | 15.16 (\pm 7.45) | 2,530 | 11.69 (\pm 10.45) | 508 |
| Central Kalimantan | 15.52 (\pm 7.71) | 1,244 | 11.22 (\pm 9.30) | 238 |
| South Kalimantan | 15.00 (\pm 7.87) | 1,600 | 11.19 (\pm 8.52) | 358 |
| East Kalimantan | 14.27 (\pm 8.91) | 1,636 | 10.09 (\pm 11.04) | 434 |
| North Kalimantan | 13.13 (\pm 7.50) | 280 | 9.48 (\pm 6.94) | 60 |
| North Sulawesi | 12.91 (\pm 7.37) | 1,266 | 11.36 (\pm 10.32) | 364 |
| Central Sulawesi | 13.55 (\pm 8.57) | 1,657 | 9.30 (\pm 8.73) | 348 |
| South Sulawesi | 13.96 (\pm 8.14) | 4,654 | 9.52 (\pm 8.84) | 887 |
| Southeast Sulawesi | 14.22 (\pm 7.52) | 1,131 | 9.86 (\pm 8.31) | 213 |
| Gorontalo | 13.11 (\pm 8.07) | 629 | 10.46 (\pm 9.09) | 147 |
| West Sulawesi | 15.86 (\pm 7.14) | 679 | 11.72 (\pm 9.54) | 103 |
| Maluku | 11.21 (\pm 8.88) | 852 | 7.82 (\pm 9.20) | 239 |
| North Maluku | 12.50 (\pm 7.68) | 591 | 8.64 (\pm 6.31) | 148 |
| West Papua | 11.87 (\pm 8.19) | 212 | 9.36 (\pm 7.61) | 70 |
| Southwest Papua | 11.92 (\pm 8.94) | 271 | 6.88 (\pm 6.67) | 65 |
| Papua | 13.55 (\pm 8.77) | 386 | 9.17 (\pm 9.01) | 133 |
| South Papua | 12.40 (\pm 7.07) | 268 | 9.21 (\pm 8.32) | 43 |
| Central Papua | 17.33 (\pm 13.70) | 323 | 10.54 (\pm 7.34) | 176 |
| Highland Papua | 14.73 (\pm 8.65) | 322 | 11.68 (\pm 9.03) | 171 |
| INDONESIA | 12.11 (\pm7.74) | 148,170 | 8.77 (\pm8.71) | 31,377 |

Table 11.32 Average Number of Cigarettes (Kretek, White, Hand-Rolled) Smoked per Day and per Week for Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Number of Cigarettes per Day | | Number of Cigarettes per Week | |
|--|------------------------------|------------|-------------------------------|------------|
| | Average (\pm SD) | Weighted N | Average (\pm SD) | Weighted N |
| Age Range | | | | |
| 10-14 | 7.75 (\pm 8.68) | 263 | 4.43 (\pm 5.53) | 651 |
| 15-19 | 9.18 (\pm 7.22) | 6,637 | 6.81 (\pm 7.49) | 3,422 |
| 20-24 | 11.25 (\pm 6.91) | 14,562 | 8.57 (\pm 8.18) | 3,250 |
| 25-29 | 12.24 (\pm 7.39) | 16,961 | 9.14 (\pm 8.35) | 3,025 |
| 30-34 | 12.66 (\pm 7.82) | 17,688 | 9.33 (\pm 8.71) | 2,701 |
| 35-39 | 12.7 (\pm 7.61) | 17,574 | 9.06 (\pm 8.30) | 2,636 |
| 40-44 | 12.78 (\pm 7.44) | 16,883 | 9.26 (\pm 8.76) | 2,725 |
| 45-49 | 12.74 (\pm 7.93) | 15,138 | 9.49 (\pm 8.66) | 2,636 |
| 50-54 | 12.55 (\pm 8.09) | 12,671 | 9.07 (\pm 9.10) | 2,570 |
| 55-59 | 12.34 (\pm 8.15) | 10,294 | 9.21 (\pm 8.98) | 2,335 |
| 60-64 | 11.78 (\pm 8.22) | 8,095 | 9.49 (\pm 9.85) | 1,900 |
| 65 + | 10.8 (\pm 7.97) | 11,404 | 8.86 (\pm 9.70) | 3,527 |
| Age Range (Special) | | | | |
| 10-18 | 8.79 (\pm 7.26) | 5,035 | 6.23 (\pm 7.24) | 3,439 |
| 15+ | 12.12 (\pm 7.74) | 147,907 | 8.86 (\pm 8.74) | 30,726 |
| 10+ | 12.11 (\pm 7.74) | 148,170 | 8.77 (\pm 8.71) | 31,377 |
| Sex | | | | |
| Male | 12.17 (\pm 7.71) | 145,449 | 9.01 (\pm 8.80) | 29,182 |
| Female | 8.98 (\pm 8.81) | 2,721 | 5.49 (\pm 6.68) | 2,195 |
| Education | | | | |
| Never attended school | 11.94 (\pm 7.96) | 5,429 | 8.78 (\pm 7.80) | 1,130 |
| Some primary school | 12.17 (\pm 8.19) | 9,213 | 8.99 (\pm 9.63) | 2,000 |
| Primary school graduate | 12.02 (\pm 7.81) | 40,567 | 8.55 (\pm 8.36) | 7,812 |
| Junior secondary school graduate | 12.03 (\pm 7.42) | 31,271 | 8.75 (\pm 8.96) | 6,385 |
| Senior secondary school graduate | 12.16 (\pm 7.61) | 52,225 | 8.94 (\pm 8.75) | 11,041 |
| D1/D2/D3/university graduate | 12.53 (\pm 8.55) | 9,466 | 8.61 (\pm 8.61) | 3,009 |
| Occupation | | | | |
| Unemployed | 10.59 (\pm 7.70) | 12,303 | 7.71 (\pm 8.51) | 4,474 |
| Student | 9.51 (\pm 7.68) | 5,823 | 6.49 (\pm 7.08) | 3,513 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 13.67 (\pm 8.84) | 3,995 | 9.31 (\pm 9.99) | 1,127 |
| Private employee | 11.62 (\pm 7.33) | 21,917 | 8.48 (\pm 8.25) | 4,634 |
| Self-employed | 12.8 (\pm 7.90) | 33,950 | 9.45 (\pm 8.78) | 5,943 |
| Farmer/farm worker | 12.49 (\pm 7.66) | 36,526 | 9.95 (\pm 9.39) | 6,101 |
| Fisher | 14.25 (\pm 8.16) | 2,734 | 9.63 (\pm 7.93) | 342 |
| Labor/driver/domestic help | 11.79 (\pm 7.28) | 24,683 | 9.02 (\pm 8.20) | 3,731 |
| Others | 12.67 (\pm 8.40) | 6,238 | 9.41 (\pm 9.91) | 1,512 |
| Residence | | | | |
| Urban | 11.84 (\pm 7.80) | 83,989 | 8.36 (\pm 8.56) | 19,491 |
| Rural | 12.47 (\pm 7.65) | 64,181 | 9.44 (\pm 8.91) | 11,886 |
| Economic Status | | | | |
| Lowest | 11.72 (\pm 7.44) | 23,781 | 9.01 (\pm 8.50) | 4,678 |
| Lower middle | 11.96 (\pm 7.36) | 30,345 | 8.95 (\pm 8.60) | 5,661 |
| Middle | 12.05 (\pm 7.56) | 33,565 | 9.1 (\pm 8.99) | 6,475 |
| Upper middle | 12.16 (\pm 7.77) | 33,777 | 8.39 (\pm 8.33) | 7,342 |
| Highest | 12.66 (\pm 8.54) | 26,696 | 8.56 (\pm 9.04) | 7,217 |

Table 11. 33 Price of Cigarettes per Pack Smoked (Kretek, White, Hand-Rolled) Population Aged ≥10 by Province, 2023 SKI

| Province | Cigarette Price* | |
|--------------------|---------------------------------------|----------------|
| | Average (\pm SD) | Weighted N |
| Aceh | 22,397 (\pm 9,617) | 3,102 |
| North Sumatera | 21,320 (\pm 8,882) | 8,230 |
| West Sumatera | 19,848 (\pm 9,005) | 3,881 |
| Riau | 21,056 (\pm 8,312) | 3,715 |
| Jambi | 22,543 (\pm 8,072) | 1,741 |
| South Sumatera | 19,010 (\pm 8,943) | 5,210 |
| Bengkulu | 19,255 (\pm 9,265) | 1,302 |
| Lampung | 18,222 (\pm 7,895) | 6,234 |
| Bangka Belitung | 24,114 (\pm 8,600) | 821 |
| Riau Islands | 18,813 (\pm 9,916) | 1,151 |
| DKI Jakarta | 22,229 (\pm 7,705) | 6,664 |
| West Java | 19,949 (\pm 7,239) | 38,995 |
| Central Java | 18,531 (\pm 7,704) | 25,985 |
| DI Yogyakarta | 18,086 (\pm 8,301) | 2,555 |
| East Java | 17,431 (\pm 8,179) | 27,249 |
| Banten | 20,656 (\pm 7,904) | 8,547 |
| Bali | 21,820 (\pm 8,251) | 2,027 |
| West Nusa Tenggara | 21,847 (\pm 12,209) | 3,857 |
| East Nusa Tenggara | 18,479 (\pm 8,359) | 3,037 |
| West Kalimantan | 21,135 (\pm 8,099) | 3,037 |
| Central Kalimantan | 22,024 (\pm 7,970) | 1,482 |
| South Kalimantan | 19,335 (\pm 7,861) | 1,959 |
| East Kalimantan | 23,029 (\pm 8,198) | 2,072 |
| North Kalimantan | 24,163 (\pm 8,339) | 340 |
| North Sulawesi | 23,447 (\pm 7,989) | 1,633 |
| Central Sulawesi | 21,447 (\pm 8,634) | 2,005 |
| South Sulawesi | 22,076 (\pm 8,297) | 5,538 |
| Southeast Sulawesi | 22,656 (\pm 8,749) | 1,343 |
| Gorontalo | 23,889 (\pm 10,387) | 777 |
| West Sulawesi | 19,644 (\pm 7,044) | 781 |
| Maluku | 27,885 (\pm 11,035) | 1,092 |
| North Maluku | 27,365 (\pm 11,259) | 740 |
| West Papua | 29,463 (\pm 10,574) | 282 |
| Southwest Papua | 26,222 (\pm 11,384) | 336 |
| Papua | 29,752 (\pm 10,117) | 520 |
| South Papua | 23,728 (\pm 13,733) | 311 |
| Central Papua | 25,072 (\pm 13,449) | 502 |
| Highland Papua | 27,340 (\pm 13,778) | 495 |
| INDONESIA | 19,960 (\pm8,486) | 179,548 |

*In Rupiah.

Table 11. 34 Price of Cigarettes per Pack Smoked (Kretek, White, Hand-Rolled) Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Cigarette Price | |
|--|------------------------|------------|
| | Average (\pm SD) | Weighted N |
| Age Range | | |
| 5-14 | 18,030 (\pm 8,858) | 929 |
| 15-24 | 21,331 (\pm 7,970) | 10,110 |
| 25-34 | 21,557 (\pm 8,195) | 17,816 |
| 35-44 | 20,508 (\pm 8,375) | 19,972 |
| 45-54 | 19,410 (\pm 8,376) | 20,362 |
| 55-64 | 17,927 (\pm 8,500) | 20,182 |
| 65-74 | 16,396 (\pm 8,396) | 19,586 |
| 75+ | 14,912 (\pm 9,522) | 17,759 |
| Age Range (Special) | | |
| 10-18 | 19,999 (\pm 8,460) | 8,536 |
| 15+ | 19,970 (\pm 8,483) | 178,619 |
| 10+ | 19,960 (\pm 8,486) | 179,548 |
| Sex | | |
| Male | 19,984 (\pm 8,435) | 174,591 |
| Female | 19,147 (\pm 10,069) | 4,957 |
| Education | | |
| Never attended school | 17,018 (\pm 9,610) | 6,558 |
| Some primary school | 17,684 (\pm 8,711) | 11,215 |
| Primary school graduate | 17,881 (\pm 8,167) | 48,359 |
| Junior secondary school graduate | 19,886 (\pm 8,078) | 37,650 |
| Senior secondary school graduate | 21,650 (\pm 8,154) | 63,266 |
| D1/D2/D3/university graduate | 23,264 (\pm 8,681) | 12,501 |
| Occupation | | |
| Unemployed | 19,781 (\pm 8,785) | 16,825 |
| Student | 20,858 (\pm 8,306) | 9,395 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 23,891 (\pm 9,090) | 5,129 |
| Private employee | 22,133 (\pm 7,879) | 26,551 |
| Self-employed | 20,838 (\pm 8,170) | 39,861 |
| Farmer/farm worker | 17,448 (\pm 8,760) | 42,586 |
| Fisher | 20,867 (\pm 8,927) | 3,070 |
| Labor/driver/domestic help | 19,237 (\pm 7,547) | 28,376 |
| Others | 20,802 (\pm 8,691) | 7,755 |
| Residence | | |
| Urban | 20,660 (\pm 8,265) | 103,524 |
| Rural | 19,008 (\pm 8,687) | 76,024 |
| Economic Status | | |
| Lowest | 17,581 (\pm 8,930) | 28,450 |
| Lower middle | 18,422 (\pm 8,162) | 35,987 |
| Middle | 19,377 (\pm 8,007) | 40,024 |
| Upper middle | 20,839 (\pm 8,040) | 41,124 |
| Highest | 23,209 (\pm 8,387) | 33,953 |

Table 11. 35 Proportion of First Time Smoking Age in Population Aged ≥10 by Province, 2023 SKI

| Province | 4-9 years old | First Time Smoking Age (%. 95%CI) | | | | | Weighted N |
|--------------------|----------------------|-----------------------------------|-------------------------|-------------------------|----------------------|----------------------|----------------|
| | | 10-14 years old | 15-19 years old | 20-24 years old | 25-29 years old | ≥30 years old | |
| Aceh | 0.5 (0.3-0.8) | 13.3 (11.4-15.4) | 64.6 (62.1-66.9) | 18.0 (16.3-19.8) | 2.7 (2.2-3.4) | 0.9 (0.6-1.5) | 1,910 |
| North Sumatera | 0.8 (0.6-1.2) | 12.4 (11.1-13.8) | 61.7 (59.6-63.9) | 20.1 (18.3-22.0) | 3.1 (2.5-3.7) | 1.9 (1.5-2.5) | 5,996 |
| West Sumatera | 2.5 (2.1-3.0) | 28.0 (26.1-30.0) | 54.8 (52.8-56.7) | 10.8 (9.7-12.1) | 2.4 (2.0-3.0) | 1.5 (1.1-1.9) | 3,129 |
| Riau | 0.9 (0.6-1.5) | 17.3 (15.5-19.2) | 63.8 (61.5-66.0) | 14.2 (12.7-15.9) | 2.2 (1.8-2.8) | 1.5 (1.1-2.1) | 2,451 |
| Jambi | 0.7 (0.4-1.3) | 15.9 (13.4-18.8) | 61.7 (58.7-64.6) | 17.6 (15.5-19.9) | 2.8 (2.1-3.8) | 1.3 (0.9-2.0) | 1,064 |
| South Sumatera | 1.3 (0.9-1.7) | 17.9 (16.4-19.5) | 61.9 (60.0-63.8) | 14.9 (13.5-16.4) | 2.7 (2.2-3.3) | 1.4 (1.1-1.8) | 3,784 |
| Bengkulu | 1.4 (1.0-2.1) | 19.4 (17.1-21.9) | 62.7 (60.2-65.2) | 11.5 (10.1-13.1) | 3.3 (2.6-4.2) | 1.6 (1.2-2.2) | 1,011 |
| Lampung | 1.1 (0.8-1.6) | 14.7 (13.0-16.5) | 62.1 (59.9-64.2) | 17.6 (16.0-19.3) | 2.9 (2.3-3.8) | 1.6 (1.2-2.1) | 4,361 |
| Bangka Belitung | 1.1 (0.7-1.7) | 18.0 (15.8-20.3) | 60.7 (58.0-63.3) | 16.3 (14.4-18.5) | 2.1 (1.5-2.9) | 1.9 (1.4-2.6) | 647 |
| Riau Islands | 1.1 (0.7-1.9) | 16.1 (13.6-19.0) | 57.8 (52.8-62.7) | 19.6 (16.2-23.5) | 3.3 (2.3-4.8) | 2.1 (1.3-3.2) | 916 |
| DKI Jakarta | 1.7 (1.1-2.6) | 18.6 (16.5-21.0) | 55.6 (52.9-58.3) | 16.5 (14.7-18.5) | 4.3 (3.4-5.4) | 3.2 (2.4-4.2) | 5,890 |
| West Java | 1.5 (1.2-1.8) | 20.0 (18.9-21.1) | 53.8 (52.4-55.1) | 17.2 (16.2-18.2) | 3.7 (3.3-4.2) | 3.8 (3.4-4.2) | 32,334 |
| Central Java | 1.7 (1.4-2.0) | 20.9 (19.8-22.0) | 54.4 (53.2-55.7) | 16.2 (15.3-17.1) | 3.8 (3.4-4.3) | 3.0 (2.6-3.4) | 20,298 |
| DI Yogyakarta | 3.3 (2.6-4.3) | 24.5 (22.1-27.0) | 49.3 (46.5-52.0) | 14.4 (12.8-16.2) | 4.3 (3.3-5.5) | 4.3 (3.4-5.4) | 2,164 |
| East Java | 1.4 (1.2-1.7) | 17.9 (16.9-18.9) | 55.9 (54.7-57.1) | 17.7 (16.8-18.6) | 4.4 (4.0-4.8) | 2.9 (2.5-3.2) | 20,464 |
| Banten | 1.4 (0.9-2.2) | 15.8 (13.6-18.4) | 59.0 (56.4-61.5) | 17.1 (14.9-19.5) | 4.0 (3.2-5.1) | 2.7 (2.0-3.5) | 6,274 |
| Bali | 1.0 (0.7-1.7) | 9.4 (7.9-11.1) | 58.2 (55.5-60.8) | 22.6 (20.4-25.0) | 5.3 (4.4-6.4) | 3.5 (2.7-4.4) | 1,733 |
| West Nusa Tenggara | 1.1 (0.6-1.8) | 18.8 (16.8-21.0) | 60.5 (58.0-63.0) | 14.7 (13.2-16.5) | 3.2 (2.5-4.2) | 1.6 (1.2-2.1) | 2,657 |
| East Nusa Tenggara | 1.1 (0.8-1.7) | 13.2 (11.9-14.7) | 55.5 (53.6-57.4) | 21.7 (20.2-23.3) | 5.7 (5.0-6.6) | 2.7 (2.3-3.2) | 2,220 |
| West Kalimantan | 0.9 (0.6-1.5) | 14.2 (12.2-16.6) | 60.0 (57.2-62.7) | 18.0 (16.0-20.2) | 3.9 (3.1-5.0) | 2.9 (2.3-3.6) | 2,122 |
| Central Kalimantan | 1.6 (1.0-2.6) | 15.5 (13.4-18.0) | 59.4 (56.2-62.4) | 18.0 (15.9-20.3) | 2.9 (2.2-3.9) | 2.5 (1.9-3.3) | 885 |
| South Kalimantan | 1.3 (0.8-2.0) | 13.3 (11.6-15.2) | 58.4 (55.9-60.8) | 20.3 (18.4-22.4) | 4.2 (3.4-5.2) | 2.5 (1.9-3.2) | 1,441 |
| East Kalimantan | 1.9 (1.3-2.8) | 17.2 (15.1-19.5) | 53.7 (50.9-56.5) | 20.1 (17.8-22.5) | 4.4 (3.4-5.7) | 2.7 (2.0-3.5) | 1,809 |
| North Kalimantan | 1.5 (0.7-3.3) | 16.0 (11.1-22.5) | 57.7 (52.4-62.8) | 17.3 (14.0-21.2) | 4.4 (2.9-6.6) | 3.1 (1.9-5.1) | 243 |
| North Sulawesi | 1.3 (0.6-2.7) | 14.9 (13.2-16.7) | 59.3 (56.9-61.7) | 17.9 (16.1-19.8) | 4.0 (3.3-4.9) | 2.6 (2.1-3.3) | 1,255 |
| Central Sulawesi | 1.7 (1.2-2.5) | 21.4 (19.4-23.6) | 57.6 (55.0-60.1) | 14.3 (12.7-16.1) | 2.6 (2.1-3.3) | 2.3 (1.8-3.0) | 1,419 |
| South Sulawesi | 1.3 (0.9-2.0) | 19.9 (18.3-21.6) | 55.6 (53.7-57.6) | 16.1 (14.9-17.3) | 4.2 (3.5-5.0) | 2.9 (2.4-3.5) | 4,021 |
| Southeast Sulawesi | 1.0 (0.6-1.6) | 15.7 (13.7-17.9) | 57.2 (54.5-59.8) | 19.1 (17.1-21.4) | 4.1 (3.3-5.1) | 2.9 (2.2-3.9) | 801 |
| Gorontalo | 1.3 (0.7-2.3) | 20.3 (17.3-23.7) | 59.5 (55.9-62.9) | 13.8 (11.6-16.4) | 3.0 (2.0-4.5) | 2.2 (1.4-3.4) | 490 |
| West Sulawesi | 1.9 (1.0-3.4) | 15.7 (13.3-18.5) | 58.4 (54.8-62.0) | 17.6 (14.8-20.8) | 3.8 (2.7-5.2) | 2.6 (1.7-3.9) | 542 |
| Maluku | 0.7 (0.4-1.3) | 11.8 (9.9-14.1) | 62.9 (59.6-66.1) | 18.4 (16.1-21.1) | 4.3 (3.2-5.7) | 1.8 (1.4-2.5) | 776 |
| North Maluku | 0.6 (0.3-1.2) | 10.2 (8.3-12.4) | 61.4 (58.1-64.6) | 20.9 (18.4-23.7) | 4.6 (3.6-6.0) | 2.3 (1.7-3.1) | 556 |
| West Papua | 1.6 (0.6-4.2) | 12.7 (8.7-18.2) | 56.3 (49.3-63.1) | 23.2 (17.9-29.4) | 3.5 (2.1-5.8) | 2.8 (1.6-4.8) | 183 |
| Southwest Papua | 1.4 (0.6-3.5) | 17.8 (13.8-22.7) | 54.8 (48.8-60.7) | 17.4 (13.3-22.4) | 4.3 (2.6-7.0) | 4.2 (2.5-7.0) | 267 |
| Papua | 1.1 (0.6-2.0) | 21.1 (16.7-26.3) | 53.2 (47.6-58.7) | 18.2 (14.5-22.7) | 3.5 (2.2-5.5) | 2.9 (1.8-4.8) | 405 |
| South Papua | 2.3 (1.3-4.1) | 28.5 (21.7-36.3) | 44.5 (38.2-51.0) | 19.5 (15.2-24.6) | 2.8 (1.8-4.3) | 2.3 (0.8-6.3) | 218 |
| Central Papua | 1.1 (0.3-3.5) | 12.9 (8.7-18.6) | 60.5 (51.3-69.1) | 20.6 (15.0-27.7) | 1.0 (0.4-2.4) | 3.8 (1.5-9.7) | 328 |
| Highland Papua | 5.1 (1.3-18.4) | 13.9 (10.5-18.4) | 57.0 (45.7-67.6) | 18.9 (11.6-29.1) | 2.2 (0.8-5.5) | 2.9 (1.2-6.9) | 258 |
| INDONESIA | 1.5 (1.3-1.6) | 18.4 (17.9-18.8) | 56.5 (56.0-57.0) | 17.1 (16.7-17.4) | 3.8 (3.6-3.9) | 2.9 (2.7-3.0) | 137,323 |

Table 11. 36 Proportion of First Time Smoking Age in Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | First Time Smoking Age (%. 95%CI) | | | | | | Weighted N |
|--|-----------------------------------|------------------|------------------|------------------|-----------------|------------------|------------|
| | 4-9 years old | 10-14 years old | 15-19 years old | 20-24 years old | 25-29 years old | ≥30 years old | |
| Age Range | | | | | | | |
| 10-14 | 9.7 (6.6-14.1) | 90.3 (85.9-93.4) | | | | | 869 |
| 15-19 | 1.6 (1.2-2.1) | 34.4 (32.6-36.2) | 64.1 (62.2-65.9) | | | | 9,166 |
| 20-24 | 1.5 (1.2-1.9) | 19.7 (18.5-21.0) | 66.8 (65.3-68.3) | 12.0 (11.0-13.0) | | | 15,548 |
| 25-29 | 1.1 (0.8-1.4) | 18.6 (17.3-19.9) | 62.3 (60.7-63.8) | 15.7 (14.6-16.8) | 2.4 (1.9-3.0) | | 16,355 |
| 30-34 | 1.0 (0.7-1.2) | 16.7 (15.5-17.9) | 61.3 (59.9-62.7) | 16.7 (15.7-17.7) | 3.3 (2.9-3.8) | 1.1 (0.8-1.4) | 15,903 |
| 35-39 | 1.1 (0.9-1.4) | 16.5 (15.5-17.5) | 58.5 (57.2-59.8) | 18.5 (17.6-19.6) | 3.7 (3.2-4.1) | 1.7 (1.4-2.2) | 15,377 |
| 40-44 | 1.2 (0.9-1.4) | 15.9 (15.0-16.9) | 56.2 (54.9-57.4) | 20.0 (19.0-21.0) | 4.5 (4.0-5.0) | 2.3 (2.0-2.7) | 14,653 |
| 45-49 | 1.0 (0.8-1.3) | 15.8 (14.8-16.8) | 52.9 (51.6-54.2) | 21.2 (20.1-22.3) | 5.5 (5.0-6.2) | 3.5 (3.1-4.0) | 13,139 |
| 50-54 | 1.7 (1.3-2.1) | 14.3 (13.3-15.2) | 51.0 (49.7-52.3) | 21.4 (20.3-22.5) | 5.8 (5.2-6.4) | 5.9 (5.3-6.6) | 11,076 |
| 55-59 | 1.9 (1.5-2.3) | 15.2 (14.2-16.4) | 49.1 (47.5-50.6) | 21.0 (19.8-22.3) | 6.1 (5.4-6.9) | 6.7 (5.9-7.5) | 8,928 |
| 60-64 | 2.5 (1.9-3.1) | 16.0 (14.7-17.3) | 46.6 (44.7-48.4) | 21.9 (20.5-23.5) | 6.1 (5.3-6.9) | 7.0 (6.2-7.9) | 6,906 |
| 65 + | 2.2 (1.8-2.7) | 16.3 (15.2-17.4) | 42.3 (40.8-43.8) | 21.8 (20.5-23.0) | 7.5 (6.7-8.3) | 10 (9.1-11.1) | 9,403 |
| Age Range (Special) | | | | | | | |
| 10-18 | 2.6 (2.0-3.3) | 44.7 (42.6-46.7) | 52.8 (50.7-54.9) | | | | 7,788 |
| 15+ | 1.4 (1.3-1.5) | 17.9 (17.5-18.3) | 56.9 (56.4-57.3) | 17.2 (16.8-17.6) | 3.8 (3.6-4.0) | 2.9 (2.7-3.0) | 136,454 |
| 10+ | 1.5 (1.3-1.6) | 18.4 (17.9-18.8) | 56.5 (56.0-57.0) | 17.1 (16.7-17.4) | 3.8 (3.6-3.9) | 2.9 (2.7-3.0) | 137,323 |
| Sex | | | | | | | |
| Male | 1.5 (1.3-1.6) | 18.5 (18.1-19.0) | 57.1 (56.6-57.6) | 16.9 (16.6-17.3) | 3.7 (3.5-3.9) | 2.3 (2.2-2.4) | 133,466 |
| Female | 1.3 (0.9-2.1) | 11.7 (10.1-13.4) | 35.7 (33.2-38.2) | 21.8 (19.8-23.9) | 6.6 (5.6-7.9) | 22.9 (20.8-25.1) | 3,857 |
| Education | | | | | | | |
| Never attended school | 2.4 (1.7-3.4) | 20.0 (18.1-22.1) | 51.2 (48.8-53.6) | 16.9 (15.2-18.8) | 4.6 (3.8-5.6) | 4.8 (3.9-5.8) | 4,002 |
| Some primary school | 2.6 (2.0-3.3) | 20.2 (18.8-21.7) | 49.7 (47.9-51.5) | 17.5 (16.2-18.8) | 4.7 (4.1-5.5) | 5.3 (4.5-6.2) | 7,735 |
| Primary school graduate | 1.9 (1.7-2.2) | 20.4 (19.6-21.1) | 51.0 (50.0-51.9) | 18.1 (17.4-18.8) | 4.4 (4.0-4.8) | 4.2 (3.9-4.6) | 34,366 |
| Junior secondary school graduate | 1.2 (1.1-1.4) | 21.5 (20.6-22.4) | 57.3 (56.3-58.3) | 14.7 (14.0-15.4) | 3.2 (2.9-3.5) | 2.1 (1.9-2.4) | 29,469 |
| Senior secondary school graduate | 1.1 (0.9-1.2) | 15.8 (15.2-16.4) | 61.6 (60.8-62.4) | 16.7 (16.1-17.3) | 3.1 (2.9-3.3) | 1.8 (1.6-2.0) | 51,463 |
| D1/D2/D3/university graduate | 1.2 (0.9-1.6) | 13.4 (12.4-14.5) | 54.4 (53.0-55.9) | 22.1 (20.9-23.4) | 5.7 (5.0-6.3) | 3.2 (2.7-3.7) | 10,287 |
| Occupation | | | | | | | |
| Unemployed | 2.0 (1.6-2.5) | 22.8 (21.4-24.3) | 54.0 (52.5-55.6) | 12.9 (12.0-14.0) | 3.0 (2.6-3.5) | 5.2 (4.6-5.9) | 13,555 |
| Student | 1.7 (1.3-2.2) | 33.7 (31.8-35.7) | 58.8 (56.8-60.7) | 5.3 (4.5-6.4) | 0.3 (0.2-0.4) | 0.2 (0.1-0.4) | 8,474 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 1.1 (0.7-1.9) | 13.6 (12.2-15.2) | 50.9 (48.8-53.0) | 23.2 (21.6-24.9) | 6.8 (5.8-7.9) | 4.3 (3.6-5.2) | 4,008 |
| Private employee | 1.0 (0.8-1.3) | 15.6 (14.6-16.6) | 59.3 (58.0-60.5) | 18.7 (17.7-19.7) | 3.6 (3.2-4.0) | 1.8 (1.6-2.1) | 22,093 |
| Self-employed | 1.2 (1.0-1.4) | 16.2 (15.5-17.0) | 57.1 (56.2-58.1) | 19.1 (18.4-19.9) | 3.9 (3.6-4.3) | 2.4 (2.2-2.7) | 30,498 |
| Farmer/farm worker | 1.5 (1.4-1.8) | 16.8 (16.2-17.5) | 54.2 (53.3-55.0) | 19.0 (18.3-19.7) | 4.7 (4.4-5.1) | 3.7 (3.4-4.0) | 28,510 |
| Fisher | 1.0 (0.6-1.8) | 16.5 (14.4-18.7) | 62.1 (59.3-64.7) | 15.4 (13.5-17.6) | 3.0 (2.2-4.1) | 2.0 (1.4-2.8) | 2,122 |
| Labor/driver/domestic help | 1.8 (1.5-2.2) | 18.9 (17.9-19.9) | 57.2 (55.9-58.5) | 16.1 (15.2-17.0) | 3.7 (3.3-4.2) | 2.3 (2.0-2.7) | 22,016 |
| Others | 1.4 (0.9-2.0) | 16.5 (15.0-18.1) | 56.0 (54.0-58.0) | 17.7 (16.2-19.2) | 4.2 (3.5-5.1) | 4.3 (3.5-5.1) | 6,048 |
| Residence | | | | | | | |
| Urban | 1.6 (1.4-1.7) | 18.2 (17.7-18.7) | 56.3 (55.6-56.9) | 17.0 (16.6-17.5) | 3.8 (3.6-4) | 3.1 (2.9-3.3) | 82,757 |
| Rural | 1.3 (1.1-1.4) | 18.5 (17.9-19.2) | 56.8 (56.1-57.6) | 17.2 (16.6-17.7) | 3.7 (3.4-4) | 2.5 (2.3-2.8) | 54,566 |
| Economic Status | | | | | | | |
| Lowest | 1.9 (1.6-2.2) | 19.7 (18.7-20.7) | 54.5 (53.4-55.7) | 16.9 (16.1-17.8) | 3.6 (3.3-4.1) | 3.3 (2.9-3.7) | 19,995 |
| Lower middle | 1.3 (1.1-1.6) | 19.6 (18.8-20.4) | 56.5 (55.5-57.5) | 16 (15.3-16.7) | 3.8 (3.5-4.2) | 2.7 (2.5-3.0) | 26,571 |
| Middle | 1.5 (1.3-1.8) | 18.4 (17.6-19.2) | 57.5 (56.5-58.5) | 16.5 (15.8-17.3) | 3.4 (3.1-3.7) | 2.6 (2.4-2.9) | 30,374 |
| Upper middle | 1.2 (1.0-1.5) | 17.9 (17.1-18.7) | 57.2 (56.3-58.2) | 17.1 (16.4-17.8) | 3.8 (3.5-4.2) | 2.7 (2.5-3.0) | 32,323 |
| Highest | 1.4 (1.2-1.7) | 16.7 (15.9-17.6) | 56.0 (55.0-57.0) | 18.8 (18-19.6) | 4.1 (3.7-4.5) | 3 (2.7-3.4) | 28,053 |

Table 11. 37 Proportion of First Time Smoking Age Daily in Population Aged ≥10 by Province, 2023 SKI

| Province | 4-9 years old | 10-14 years old | First Time Smoking Age (%. 95%CI) | | | Weighted N |
|--------------------|----------------------|----------------------|-----------------------------------|-------------------------|----------------------|------------------------------|
| | | | 15-19 years old | 20-24 years old | 25-29 years old | |
| Aceh | 0.1 (0.0-0.3) | 7.1 (5.8-8.8) | 49.8 (46.6-53.0) | 34.1 (31.0-37.2) | 6.6 (5.3-8.1) | 2.3 (1.7-3.2) 1,576 |
| North Sumatera | 0.2 (0.1-0.4) | 5.8 (4.9-6.9) | 50.1 (47.7-52.5) | 34.9 (32.7-37.1) | 6.5 (5.5-7.6) | 2.5 (2.0-3.2) 4,699 |
| West Sumatera | 0.7 (0.5-1.1) | 13.5 (12.1-15) | 54.8 (52.8-56.9) | 22.3 (20.6-24.2) | 5.4 (4.7-6.2) | 3.2 (2.7-3.9) 2,730 |
| Riau | 0.3 (0.1-0.9) | 8.3 (7.0-9.7) | 57.3 (54.7-59.9) | 27.0 (24.7-29.4) | 4.9 (4.1-5.8) | 2.3 (1.8-2.9) 2,156 |
| Jambi | 0.1 (0.0-0.4) | 4.4 (3.2-5.9) | 49.6 (46.0-53.2) | 36.6 (33.1-40.2) | 6.8 (5.6-8.3) | 2.5 (1.8-3.5) 864 |
| South Sumatera | 0.6 (0.4-0.9) | 10.0 (8.7-11.5) | 52.5 (50.3-54.7) | 27.8 (25.8-30.0) | 6.0 (5.1-7.1) | 3.1 (2.5-3.8) 3,283 |
| Bengkulu | 0.4 (0.2-0.8) | 9.2 (7.9-10.8) | 59.0 (56.5-61.6) | 23.8 (21.7-26.0) | 5.1 (4.2-6.3) | 2.4 (1.8-3.3) 882 |
| Lampung | 0.6 (0.4-1.1) | 7.3 (6.1-8.6) | 56.3 (53.9-58.7) | 26.2 (24.3-28.3) | 6.4 (5.4-7.7) | 3.1 (2.6-3.8) 3,831 |
| Bangka Belitung | 0.3 (0.2-0.7) | 8.3 (6.6-10.3) | 57.0 (54.0-60.0) | 26.2 (23.7-28.8) | 5.3 (4.2-6.6) | 2.9 (2.2-3.9) 575 |
| Riau Islands | 0.5 (0.2-1.5) | 4.4 (3.2-6.2) | 47.0 (42.4-51.8) | 38.1 (33.8-42.6) | 6.8 (5.1-9.0) | 3.1 (2.3-4.3) 799 |
| DKI Jakarta | 0.3 (0.1-0.8) | 6.7 (5.3-8.5) | 42.1 (39.0-45.2) | 32.8 (30.0-35.7) | 9.4 (7.6.0-11.6) | 8.7 (7.0-10.8) 4,363 |
| West Java | 0.5 (0.3-0.7) | 9.0 (8.1-9.9) | 49.5 (48.0-51.0) | 27.6 (26.3-28.9) | 7.7 (7.0-8.5) | 5.8 (5.2-6.3) 26,587 |
| Central Java | 0.5 (0.4-0.7) | 9.8 (9.1-10.7) | 49.6 (48.1-51.0) | 27.6 (26.4-28.9) | 7.6 (6.9-8.4) | 4.8 (4.3-5.3) 16,560 |
| DI Yogyakarta | 1.5 (0.9-2.5) | 11.6 (9.9-13.5) | 45.8 (42.6-49.0) | 25.2 (22.5-28.1) | 9.2 (7.5-11.1) | 6.8 (5.5-8.3) 1,527 |
| East Java | 0.5 (0.4-0.7) | 9.0 (8.3-9.8) | 53.1 (51.7-54.5) | 25.3 (24.1-26.5) | 7.2 (6.7-7.9) | 4.8 (4.3-5.4) 16,907 |
| Banten | 0.6 (0.3-1.1) | 8.1 (6.4-10.2) | 53.6 (50.8-56.2) | 27.3 (24.6-30.2) | 6.7 (5.3-8.4) | 3.8 (2.9-5.0) 5,024 |
| Bali | 0.3 (0.1-0.8) | 4.9 (3.8-6.2) | 51.5 (48.3-54.7) | 29.0 (26.5-31.7) | 8.7 (7.2-10.6) | 5.5 (4.4-6.8) 1,418 |
| West Nusa Tenggara | 0.5 (0.2-1.2) | 10.0 (8.3-12.0) | 59.5 (56.8-62.1) | 22.3 (20.2-24.6) | 5.3 (4.3-6.4) | 2.4 (1.9-3.1) 2,385 |
| East Nusa Tenggara | 0.3 (0.1-0.6) | 6.6 (5.6-7.8) | 45.8 (43.6-48.0) | 31.2 (29.2-33.2) | 10.6 (9.4-11.9) | 5.6 (4.8-6.4) 1,752 |
| West Kalimantan | 0.5 (0.2-1.1) | 7.8 (5.9-10.2) | 54.7 (51.6-57.7) | 27.8 (25.2-30.6) | 5.2 (4.1-6.6) | 3.9 (3.2-4.9) 1,755 |
| Central Kalimantan | 0.4 (0.2-1.0) | 7.6 (6.0-9.6) | 55.7 (52.6-58.8) | 26.6 (23.8-29.5) | 4.9 (3.8-6.3) | 4.8 (3.7-6.3) 758 |
| South Kalimantan | 0.5 (0.2-1.0) | 7.6 (6.1-9.3) | 44.7 (41.8-47.7) | 34.9 (32.2-37.7) | 8.5 (7.1-10.1) | 3.8 (3.0-4.9) 1,165 |
| East Kalimantan | 0.6 (0.3-1.2) | 9.2 (7.5-11.2) | 46.5 (43.3-49.7) | 31.0 (27.9-34.2) | 8.3 (6.9-10.1) | 4.4 (3.4-5.7) 1,409 |
| North Kalimantan | 0.2 (0.0-1.5) | 12.7 (7.2-21.3) | 49.6 (43.2-56.0) | 24.6 (19.7-30.3) | 7.6 (5.2-10.9) | 5.3 (3.4-8.2) 193 |
| North Sulawesi | 0.9 (0.2-3.3) | 6.6 (5.3-8.2) | 51.8 (48.4-55.1) | 27.6 (24.9-30.5) | 8.7 (7.4-10.1) | 4.5 (3.6-5.5) 972 |
| Central Sulawesi | 0.4 (0.2-1.0) | 10.2 (8.5-12.1) | 49.4 (46.5-52.3) | 29.9 (27.3-32.6) | 6.2 (5.3-7.3) | 3.9 (3.1-4.8) 1,161 |
| South Sulawesi | 0.2 (0.1-0.4) | 10.0 (8.7-11.4) | 51.1 (48.9-53.3) | 26.6 (24.9-28.5) | 7.2 (6.3-8.4) | 4.8 (4.2-5.6) 3,346 |
| Southeast Sulawesi | 0.6 (0.3-1.0) | 9.0 (7.4-10.8) | 47.4 (44.5-50.4) | 29.2 (26.7-31.9) | 8.6 (7.1-10.4) | 5.1 (4.1-6.4) 660 |
| Gorontalo | 0.3 (0.1-1.6) | 13.5 (10.6-17) | 51.5 (47.5-55.4) | 25.7 (22.2-29.6) | 6.0 (4.3-8.3) | 3.0 (2.0-4.5) 396 |
| West Sulawesi | 0.5 (0.1-1.8) | 7.2 (5.6-9.4) | 52.9 (48.7-57.0) | 29.1 (25.5-32.9) | 6.9 (5.2-9.1) | 3.4 (2.3-5.1) 472 |
| Maluku | 0.5 (0.2-1.2) | 6.6 (4.9-8.7) | 49.4 (45.1-53.6) | 30.3 (26.7-34.2) | 8.6 (6.8-10.6) | 4.6 (3.5-6.0) 608 |
| North Maluku | 0.3 (0.1-1.2) | 4.0 (2.9-5.5) | 49.2 (45.3-53.2) | 31.5 (28.3-34.8) | 11.0 (8.7-13.7) | 4.0 (3.1-5.3) 434 |
| West Papua | 0.4 (0.1-2.3) | 10.1 (5.5-17.8) | 33.0 (25.4-41.6) | 41.1 (32.2-50.6) | 8.9 (6.5-12.0) | 6.5 (4.1-10.4) 139 |
| Southwest Papua | 0.2 (0.1-0.7) | 10.1 (7.2-14.2) | 43.2 (37.3-49.2) | 32.8 (27.5-38.5) | 8.7 (5.9-12.8) | 5.0 (3.0-8.3) 223 |
| Papua | 0.1 (0.0-0.5) | 13.5 (10.1-17.9) | 46.0 (39.3-52.9) | 26.3 (21.2-32.2) | 9.0 (6.2-12.8) | 5.0 (3.3-7.6) 307 |
| South Papua | 2.1 (1.0-4.2) | 22.9 (15.8-31.9) | 44.1 (37.4-51.0) | 22.9 (17.6-29.3) | 6.8 (4.7-9.9) | 1.1 (0.6-2.3) 184 |
| Central Papua | 0.6 (0.1-2.9) | 5.3 (2.3-12.1) | 60.2 (48.8-70.5) | 24.0 (17.3-32.4) | 7.1 (4.2-11.6) | 2.7 (1.3-5.6) 167 |
| Highland Papua | 1.6 (0.3-7.9) | 10.8 (6.4-17.6) | 38.8 (27.9-50.8) | 35.9 (23.6-50.4) | 4.9 (2.3-10.0) | 8.1 (3.7-16.5) 152 |
| INDONESIA | 0.5 (0.4-0.5) | 8.8 (8.5-9.1) | 50.9 (50.3-51.4) | 27.9 (27.4-28.4) | 7.3 (7.0-7.6) | 4.7 (4.5-4.9) 112,419 |

Table 11. 38 Proportion of First Time Smoking Age Daily in Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | First Time Smoking Age (%. 95%CI) | | | | | | Weighted N |
|--|-----------------------------------|------------------|------------------|------------------|-----------------|------------------|------------|
| | 4-9 years old | 10-14 years old | 15-19 years old | 20-24 years old | 25-29 years old | ≥30 years old | |
| Age Range | | | | | | | |
| 10-14 | 1.6 (0.5-5.0) | 98.4 (95-99.5) | | | | | 251 |
| 15-19 | 0.3 (0.1-0.6) | 19.5 (17.7-21.5) | 80.2 (78.3-82) | | | | 5,951 |
| 20-24 | 0.4 (0.2-0.7) | 9.1 (8.1-10.3) | 68.6 (66.8-70.3) | 21.9 (20.5-23.5) | | | 12,692 |
| 25-29 | 0.2 (0.1-0.5) | 7.6 (6.6-8.6) | 58.3 (56.7-60.0) | 29.2 (27.7-30.6) | 4.7 (4.0-5.5) | | 13,859 |
| 30-34 | 0.2 (0.1-0.3) | 6.2 (5.6-7.0) | 52.3 (50.8-53.8) | 31.5 (30.1-33.0) | 8.1 (7.3-9.0) | 1.6 (1.3-2.0) | 13,667 |
| 35-39 | 0.3 (0.2-0.5) | 7.5 (6.7-8.3) | 48.0 (46.7-49.4) | 31.3 (30.0-32.6) | 9.6 (8.7-10.5) | 3.3 (2.9-3.9) | 13,281 |
| 40-44 | 0.2 (0.2-0.3) | 6.9 (6.3-7.6) | 45.5 (44.2-46.8) | 31.9 (30.6-33.1) | 9.4 (8.6-10.2) | 6.1 (5.4-6.8) | 12,583 |
| 45-49 | 0.4 (0.3-0.6) | 7.8 (7.1-8.7) | 43.7 (42.3-45.2) | 31.1 (29.8-32.5) | 10.6 (9.7-11.5) | 6.3 (5.7-7.0) | 11,085 |
| 50-54 | 0.7 (0.5-1.0) | 7.6 (6.9-8.4) | 41.4 (39.9-42.8) | 30.9 (29.5-32.3) | 10.2 (9.3-11.1) | 9.3 (8.4-10.3) | 9,151 |
| 55-59 | 1.0 (0.7-1.4) | 9.0 (8.1-10) | 40.7 (39.0-42.4) | 29.5 (27.9-31.0) | 9.1 (8.3-10.1) | 10.8 (9.7-11.9) | 7,203 |
| 60-64 | 1.4 (1.0-1.9) | 10 (8.9-11.2) | 38.2 (36.2-40.2) | 30.0 (28.2-32.0) | 10.2 (9.11.5) | 10.3 (9.2-11.5) | 5,531 |
| 65 + | 1.2 (0.9-1.6) | 11 (10-12.1) | 37.5 (35.8-39.2) | 27.5 (26-29.1) | 9.5 (8.5-10.6) | 13.3 (12-14.6) | 7,166 |
| Age Range (Special) | | | | | | | |
| 10-18 | 0.3 (0.1-0.6) | 27.1 (24.8-29.6) | 72.6 (70.2-74.8) | | | | 3,481 |
| 15+ | 0.5 (0.4-0.5) | 8.6 (8.3-8.9) | 51.0 (50.4-51.5) | 27.9 (27.4-28.4) | 7.3 (7.1-7.6) | 4.7 (4.5-4.9) | 112,171 |
| 10+ | 0.5 (0.4-0.5) | 8.8 (8.5-9.1) | 50.9 (50.3-51.4) | 27.9 (27.4-28.4) | 7.3 (7.0-7.6) | 4.7 (4.5-4.9) | 112,419 |
| Sex | | | | | | | |
| Male | 0.5 (0.4-0.5) | 8.8 (8.5-9.1) | 51.2 (50.7-51.8) | 28.0 (27.5-28.5) | 7.3 (7.0-7.5) | 4.3 (4.1-4.5) | 110,478 |
| Female | 1.2 (0.7-2.3) | 7.4 (5.8-9.5) | 31.2 (27.9-34.6) | 22.6 (19.9-25.6) | 10.1 (8.3-12.2) | 27.5 (24.4-30.7) | 1,941 |
| Education | | | | | | | |
| Never attended school | 0.8 (0.5-1.3) | 13.0 (11.3-15) | 49.1 (46.5-51.6) | 24.6 (22.4-27.0) | 6.7 (5.7-8.0) | 5.7 (4.6-7.0) | 3,358 |
| Some primary school | 1.1 (0.8-1.6) | 11.0 (9.9-12.1) | 47.5 (45.5-49.5) | 25.9 (24.3-27.6) | 7.0 (6.2-8.1) | 7.5 (6.5-8.6) | 6,316 |
| Primary school graduate | 0.8 (0.6-1.0) | 11.7 (11.0-12.4) | 46.5 (45.4-47.6) | 27.6 (26.7-28.5) | 7.5 (7.0-8.1) | 5.8 (5.4-6.3) | 28,712 |
| Junior secondary school graduate | 0.4 (0.3-0.6) | 9.8 (9.1-10.5) | 53.9 (52.8-55.0) | 25.5 (24.5-26.5) | 6.6 (6.1-7.2) | 3.8 (3.4-4.2) | 24,283 |
| Senior secondary school graduate | 0.2 (0.2-0.3) | 6.4 (6.0-6.8) | 54.1 (53.2-54.9) | 28.7 (27.9-29.4) | 7.0 (6.6-7.4) | 3.7 (3.4-4.0) | 42,083 |
| D1/D2/D3/university graduate | 0.3 (0.2-0.5) | 4.5 (3.8-5.2) | 43.5 (41.8-45.2) | 34.9 (33.3-36.7) | 10.8 (9.8-11.9) | 6.0 (5.3-6.8) | 7,668 |
| Occupation | | | | | | | |
| Unemployed | 0.7 (0.5-1.1) | 12.2 (10.9-13.5) | 57.0 (55.2-58.8) | 20.4 (19-21.8) | 4.3 (3.7-5.0) | 5.5 (4.8-6.2) | 9,907 |
| Student | 0.2 (0.1-0.4) | 18.4 (16.5-20.5) | 70.7 (68.2-73.0) | 10.0 (8.5-11.6) | 0.7 (0.4-1.2) | 0.1 (0.1-0.3) | 5,184 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 0.3 (0.1-1.0) | 5.7 (4.6-7.1) | 38.8 (36.5-41.2) | 35.0 (32.8-37.3) | 12.4 (11-13.9) | 7.7 (6.6-9.0) | 3,077 |
| Residence | | | | | | | |
| Urban | 0.5 (0.4-0.6) | 8.2 (7.8-8.6) | 49.9 (49.2-50.6) | 28.6 (27.9-29.2) | 7.7 (7.3-8.0) | 5.2 (4.9-5.5) | 66,321 |
| Rural | 0.5 (0.4-0.6) | 9.6 (9.1-10.1) | 52.3 (51.4-53.2) | 26.9 (26.1-27.6) | 6.8 (6.4-7.2) | 4.0 (3.7-4.3) | 46,098 |
| Economic Status | | | | | | | |
| Lowest | 0.8 (0.6-1.0) | 11.7 (10.9-12.7) | 50.7 (49.5-51.9) | 26.0 (24.9-27.1) | 6.3 (5.7-6.9) | 4.5 (4.0-5.0) | 16,796 |
| Lower middle | 0.5 (0.3-0.6) | 9.8 (9.1-10.4) | 51.8 (50.7-53.0) | 26.9 (25.9-28.0) | 7.0 (6.4-7.6) | 4.1 (3.7-4.4) | 22,269 |
| Middle | 0.6 (0.4-0.7) | 8.8 (8.2-9.5) | 51.9 (50.8-53.0) | 27.4 (26.4-28.3) | 6.7 (6.2-7.2) | 4.6 (4.2-5.1) | 25,294 |
| Upper middle | 0.3 (0.2-0.5) | 7.4 (6.9-8.0) | 51.6 (50.5-52.7) | 28.6 (27.6-29.6) | 7.6 (7.1-8.2) | 4.5 (4.1-4.9) | 26,337 |
| Highest | 0.4 (0.2-0.5) | 7.1 (6.5-7.8) | 47.9 (46.7-49.1) | 30.0 (28.9-31.0) | 8.8 (8.1-9.4) | 5.9 (5.4-6.5) | 21,719 |

Table 11. 39 Proportion of Cigarettes Types Smoked by Population Aged ≥10 by Province, 2023 SKI

| Province | Kretek | Cigarette Types Smoked (%. 95%CI) | | | | Weighted N |
|--------------------|-------------------------|-----------------------------------|-------------------------|----------------------|----------------------|----------------|
| | | White | Hand-rolled | Electronic | Shisa | |
| Aceh | 61.1 (58.5-63.6) | 46.6 (43.9-49.3) | 2.2 (1.8-2.7) | 0.9 (0.6-1.2) | 0.7 (0.4-1.2) | 3,107 |
| North Sumatera | 65.1 (62.8-67.3) | 41.7 (39.4-44.0) | 3.1 (2.6-3.7) | 1.8 (1.4-2.4) | 0.6 (0.4-0.8) | 8,267 |
| West Sumatera | 56.3 (53.4-59.1) | 48.8 (45.9-51.6) | 3.4 (2.8-4.1) | 2.0 (1.4-2.6) | 0.8 (0.6-1.2) | 3,891 |
| Riau | 53.9 (50.6-57.2) | 51.7 (48.5-55.0) | 1.9 (1.4-2.5) | 1.6 (1.1-2.2) | 0.6 (0.4-1.0) | 3,739 |
| Jambi | 41.1 (37.5-44.8) | 63.3 (59.9-66.7) | 2.9 (2.3-3.7) | 1.9 (1.3-2.8) | 0.6 (0.3-1.1) | 1,759 |
| South Sumatera | 54.4 (52.1-56.8) | 56.2 (53.8-58.7) | 7.3 (6.4-8.4) | 1.0 (0.7-1.4) | 0.4 (0.2-0.6) | 5,221 |
| Bengkulu | 52.8 (50.0-55.5) | 56.2 (53.5-58.8) | 3.1 (2.4-4.0) | 0.7 (0.5-1.1) | 0.6 (0.4-1.0) | 1,303 |
| Lampung | 52.5 (49.9-55.0) | 60.4 (57.8-62.9) | 14.3 (12.8-16) | 1.7 (1.3-2.2) | 0.5 (0.3-0.9) | 6,253 |
| Bangka Belitung | 42.3 (38.9-45.8) | 64.3 (60.7-67.7) | 1.9 (1.4-2.6) | 1.9 (1.3-2.7) | 0.7 (0.4-1.2) | 827 |
| Riau Islands | 36.8 (31.7-42.2) | 64.7 (59.4-69.8) | 1.4 (0.7-2.5) | 3.6 (2.5-5.3) | 0.3 (0.1-0.8) | 1,174 |
| DKI Jakarta | 45.6 (42.1-49.0) | 60.8 (57.7-63.8) | 2.9 (2.2-3.9) | 6.3 (5.0-7.8) | 1.4 (0.9-2.3) | 6,807 |
| West Java | 58.4 (56.9-59.9) | 53.6 (52.0-55.3) | 6.8 (6.1-7.6) | 3.7 (3.3-4.3) | 1.0 (0.8-1.3) | 39,381 |
| Central Java | 52.6 (51.3-54.0) | 52.8 (51.5-54.2) | 20.5 (19.4-21.7) | 3.3 (2.9-3.7) | 0.5 (0.4-0.7) | 26,151 |
| DI Yogyakarta | 47.6 (44.3-50.9) | 60.8 (57.8-63.6) | 18.0 (15.7-20.5) | 9.6 (8.0-11.4) | 1.2 (0.8-1.9) | 2,621 |
| East Java | 62.7 (61.4-64.0) | 40.4 (39.0-41.9) | 20.5 (19.4-21.7) | 3.1 (2.6-3.5) | 0.5 (0.4-0.7) | 27,441 |
| Banten | 56.5 (53.6-59.4) | 54.3 (51.1-57.5) | 3.1 (2.4-4.2) | 3.4 (2.5-4.5) | 0.6 (0.3-1.0) | 8,596 |
| Bali | 18.3 (16.2-20.5) | 75.9 (73.6-78.1) | 2.8 (2.2-3.5) | 8.5 (7.3-9.8) | 0.5 (0.3-0.8) | 2,166 |
| West Nusa Tenggara | 52.1 (48.9-55.4) | 43.1 (39.5-46.7) | 39.5 (36.7-42.3) | 2.4 (1.8-3.2) | 0.9 (0.6-1.4) | 3,863 |
| East Nusa Tenggara | 58.9 (56.6-61.2) | 54.2 (51.8-56.5) | 16.8 (15.5-18.3) | 1.4 (1.0-2.0) | 0.7 (0.4-1.1) | 3,043 |
| West Kalimantan | 37.5 (34.6-40.5) | 64.4 (61.4-67.3) | 7.5 (6.2-8.9) | 2.8 (1.9-3.9) | 0.5 (0.3-1.0) | 3,080 |
| Central Kalimantan | 44.6 (41.2-48.2) | 63.2 (59.7-66.5) | 5.4 (4.3-6.9) | 2.5 (1.8-3.5) | 0.6 (0.3-1.0) | 1,497 |
| South Kalimantan | 43.4 (40.2-46.6) | 62.4 (59.3-65.5) | 4.6 (3.7-5.7) | 4.5 (3.6-5.6) | 0.4 (0.2-0.7) | 2,001 |
| East Kalimantan | 28.1 (25.3-31.2) | 72.2 (69.3-74.9) | 4.5 (3.5-5.7) | 8.1 (6.6-9.9) | 0.7 (0.4-1.1) | 2,184 |
| North Kalimantan | 24.1 (19.5-29.4) | 76.7 (71.6-81.2) | 2.1 (1.3-3.4) | 3.8 (2.3-6.3) | 0.4 (0.1-1.1) | 345 |
| North Sulawesi | 53.6 (50.8-56.5) | 64.7 (62.0-67.3) | 8.0 (6.8-9.4) | 2.3 (1.7-3.1) | 0.6 (0.3-1.0) | 1,641 |
| Central Sulawesi | 30.3 (28.1-32.7) | 76.6 (74.4-78.6) | 7.1 (6.0-8.5) | 2.5 (1.9-3.3) | 0.6 (0.3-1.0) | 2,022 |
| South Sulawesi | 36.1 (33.9-38.3) | 69.1 (67.1-71.1) | 6.7 (5.8-7.8) | 2.6 (2.1-3.4) | 0.4 (0.3-0.6) | 5,564 |
| Southeast Sulawesi | 37.9 (34.9-41.0) | 68.6 (66.0-71.2) | 4.7 (3.7-5.9) | 2.1 (1.4-3.2) | 0.6 (0.3-1.0) | 1,355 |
| Gorontalo | 33.0 (28.8-37.6) | 74.6 (71.0-77.9) | 20.3 (17.5-23.5) | 2.6 (1.5-4.5) | 0.8 (0.5-1.3) | 783 |
| West Sulawesi | 31.8 (27.9-36.1) | 78.7 (75.2-81.9) | 5.8 (4.2-8.0) | 1.9 (1.0-3.6) | 0.7 (0.4-1.4) | 781 |
| Maluku | 65.4 (62.1-68.6) | 38.5 (35.1-42.1) | 17.8 (15.2-20.8) | 0.8 (0.5-1.3) | 0.3 (0.2-0.7) | 1,095 |
| North Maluku | 47.1 (43.1-51.1) | 56.8 (53.2-60.4) | 13.0 (10.9-15.5) | 1.1 (0.6-2.1) | 0.8 (0.4-1.4) | 745 |
| West Papua | 41.0 (34.8-47.6) | 66.6 (60.7-72.0) | 14.3 (11.4-17.8) | 1.4 (0.5-4.0) | 0.6 (0.2-1.5) | 283 |
| Southwest Papua | 41.3 (35.8-47.1) | 61.3 (55.8-66.5) | 12.3 (10.1-15.0) | 1.6 (0.5-4.7) | 0.1 (0.0-0.3) | 336 |
| Papua | 49.6 (44.3-54.9) | 59.3 (53.2-65.1) | 14.0 (11.2-17.3) | 1.3 (0.4-4.0) | 0.1 (0.0-0.3) | 524 |
| South Papua | 33.2 (27.6-39.3) | 46.2 (39.9-52.5) | 44.2 (38.8-49.9) | 1.6 (0.6-3.8) | 1.0 (0.2-4.1) | 313 |
| Central Papua | 36.8 (29.4-44.9) | 46.0 (37.0-55.3) | 34.7 (26.5-43.9) | 2.1 (1.1-4.1) | 1.0 (0.5-1.8) | 587 |
| Highland Papua | 47.7 (39.1-56.3) | 46.9 (38.4-55.4) | 32.0 (25.6-39.0) | 2.4 (1.4-4.1) | 1.7 (0.7-4.2) | 530 |
| INDONESIA | 53.6 (53.1-54.2) | 53.4 (52.8-54.0) | 11.6 (11.3-11.9) | 3.2 (3.0-3.4) | 0.7 (0.6-0.8) | 181,278 |

Table 11. 40 Proportion of Cigarettes Types Smoked by Population Aged ≥10 by Characteristics, 2023 SKI

| Characteristic | Kretek | Cigarette Types Smoked (%. 95%CI) | | | | Weighted N |
|--|------------------|-----------------------------------|------------------|----------------|---------------|------------|
| | | White | Hand-rolled | Electronic | Shisa | |
| Age Range | | | | | | |
| 10-14 | 39.5 (34.5-44.7) | 61.8 (56.7-66.8) | 6.0 (4.1-8.8) | 9.6 (7-13.1) | 0.6 (0.2-1.9) | 964 |
| 15-19 | 42.3 (40.4-44.3) | 65.3 (63.3-67.1) | 6.3 (5.5-7.1) | 8.5 (7.6-9.6) | 0.9 (0.6-1.2) | 10,334 |
| 20-24 | 43.6 (42.0-45.2) | 65.7 (64.2-67.2) | 7.5 (6.7-8.3) | 8.7 (7.9-9.6) | 1.1 (0.8-1.6) | 18,328 |
| 25-29 | 45.7 (44.2-47.1) | 63.9 (62.5-65.4) | 7.9 (7.1-8.7) | 6.2 (5.5-7.0) | 1.0 (0.7-1.4) | 20,364 |
| 30-34 | 49.0 (47.7-50.4) | 60.9 (59.5-62.2) | 8.2 (7.5-8.9) | 3.9 (3.4-4.4) | 0.7 (0.5-1.0) | 20,585 |
| 35-39 | 52.1 (50.8-53.3) | 57.9 (56.6-59.1) | 8.7 (8.1-9.4) | 2.2 (1.9-2.6) | 0.8 (0.6-1.0) | 20,315 |
| 40-44 | 55.7 (54.6-56.8) | 53.9 (52.7-55.0) | 9.7 (9.0-10.3) | 1.7 (1.4-2.0) | 0.7 (0.5-0.9) | 19,667 |
| 45-49 | 57.9 (56.7-59.0) | 50.7 (49.5-51.8) | 11.1 (10.4-11.9) | 0.9 (0.7-1.2) | 0.5 (0.4-0.7) | 17,799 |
| 50-54 | 60.5 (59.4-61.7) | 46.3 (45.1-47.6) | 11.8 (11.1-12.6) | 0.5 (0.4-0.7) | 0.5 (0.3-0.7) | 15,262 |
| 55-59 | 62.5 (61.2-63.7) | 42.8 (41.5-44.1) | 15.6 (14.7-16.6) | 0.4 (0.3-0.6) | 0.4 (0.3-0.7) | 12,647 |
| 60-64 | 64.9 (63.5-66.2) | 36.6 (35.2-38.1) | 19.4 (18.3-20.7) | 0.4 (0.3-0.6) | 0.3 (0.2-0.4) | 10,026 |
| 65 + | 64.4 (63.2-65.5) | 28.9 (27.8-30.0) | 28.8 (27.6-29.9) | 0.3 (0.2-0.4) | 0.4 (0.3-0.6) | 14,988 |
| Age Range (Special) | | | | | | |
| 10-18 | 42.2 (40.1-44.3) | 64.5 (62.4-66.6) | 6.4 (5.5-7.3) | 8.5 (7.5-9.7) | 0.8 (0.6-1.2) | 8,734 |
| 15+ | 53.7 (53.2-54.3) | 53.3 (52.8-53.9) | 11.6 (11.3-12.0) | 3.2 (3.0-3.3) | 0.7 (0.6-0.8) | 180,314 |
| 10+ | 53.6 (53.1-54.2) | 53.4 (52.8-54.0) | 11.6 (11.3-11.9) | 3.2 (3.0-3.4) | 0.7 (0.6-0.8) | 181,278 |
| Sex | | | | | | |
| Male | 53.9 (53.4-54.4) | 53.5 (52.9-54.1) | 11.6 (11.3-11.9) | 3.1 (3.0-3.3) | 0.7 (0.6-0.8) | 176,129 |
| Female | 44.7 (42.2-47.2) | 50.0 (47.5-52.5) | 12.7 (11.3-14.2) | 5.5 (4.5-6.7) | 1.1 (0.7-1.8) | 5,149 |
| Education | | | | | | |
| Never attended school | 54.8 (52.8-56.8) | 38.2 (36.3-40.1) | 29.9 (28-31.8) | 0.5 (0.3-0.8) | 0.5 (0.3-0.8) | 6,603 |
| Some primary school | 59.1 (57.6-60.7) | 41.7 (40.3-43.3) | 20.7 (19.4-22.0) | 1.1 (0.9-1.5) | 0.4 (0.3-0.7) | 11,273 |
| Primary school graduate | 61.0 (60.2-61.9) | 43.8 (42.9-44.7) | 17.4 (16.8-18.1) | 0.9 (0.8-1.1) | 0.5 (0.4-0.6) | 48,460 |
| Junior secondary school graduate | 54.5 (53.5-55.5) | 55.7 (54.7-56.7) | 9.6 (9.1-10.2) | 2.8 (2.5-3.2) | 0.7 (0.5-0.9) | 37,893 |
| Senior secondary school graduate | 48.6 (47.8-49.4) | 60.9 (60.0-61.7) | 6.1 (5.8-6.5) | 4.8 (4.5-5.2) | 0.8 (0.7-1.0) | 64,170 |
| D1/D2/D3/university graduate | 43.1 (41.7-44.6) | 63.4 (62.0-64.9) | 5.7 (5.1-6.4) | 7.7 (6.9-8.5) | 1.3 (0.9-1.8) | 12,879 |
| Occupation | | | | | | |
| Unemployed | 50.0 (48.6-51.4) | 56.0 (54.6-57.4) | 10.6 (9.8-11.5) | 4.5 (3.9-5.1) | 1.0 (0.7-1.4) | 17,106 |
| Student | 41.7 (39.6-43.7) | 64.3 (62.3-66.3) | 6.4 (5.6-7.5) | 9.9 (8.7-11.1) | 1.1 (0.7-1.6) | 9,695 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 46.2 (44.3-48.2) | 62.6 (60.7-64.4) | 5.5 (4.5-6.5) | 3.9 (3.2-4.8) | 0.6 (0.3-0.9) | 5,200 |
| Private employee | 44.6 (43.2-45.9) | 62.7 (61.4-64.0) | 5.4 (4.9-6.0) | 6.2 (5.7-6.8) | 0.9 (0.6-1.2) | 27,189 |
| Self-employed | 54.3 (53.3-55.2) | 55.8 (54.9-56.8) | 7.6 (7.2-8.1) | 2.6 (2.4-2.9) | 0.8 (0.6-1) | 40,106 |
| Farmer/farm worker | 59.1 (58.3-59.9) | 41.6 (40.8-42.4) | 23.4 (22.7-24.2) | 0.7 (0.6-0.8) | 0.5 (0.4-0.6) | 42,680 |
| Fisher | 52.0 (48.9-55.1) | 55.9 (52.9-58.9) | 9.0 (7.5-10.8) | 0.8 (0.5-1.3) | 0.5 (0.3-0.8) | 3,072 |
| Labor/driver/domestic help | 60.9 (59.7-62.1) | 51.0 (49.6-52.3) | 10.1 (9.4-10.8) | 1.9 (1.5-2.3) | 0.5 (0.4-0.7) | 28,404 |
| Others | 54.1 (52.2-56.0) | 55.3 (53.4-57.2) | 8.2 (7.3-9.2) | 3.3 (2.6-4.3) | 0.7 (0.5-1.0) | 7,828 |
| Residence | | | | | | |
| Urban | 52.7 (52.0-53.5) | 55.4 (54.7-56.2) | 8.1 (7.8-8.4) | 4.2 (4-4.5) | 0.8 (0.7-0.9) | 104,907 |
| Rural | 54.9 (54.1-55.7) | 50.6 (49.7-51.4) | 16.5 (15.9-17.1) | 1.8 (1.6-2) | 0.6 (0.5-0.7) | 76,371 |
| Economic Status | | | | | | |
| Lowest | 57.3 (56.3-58.4) | 43.7 (42.6-44.8) | 22.7 (21.8-23.6) | 1.0 (0.8-1.2) | 0.5 (0.4-0.7) | 28,599 |
| Lower middle | 57.6 (56.6-58.5) | 49.1 (48.1-50.1) | 14.7 (14-15.3) | 1.8 (1.6-2.1) | 0.6 (0.4-0.7) | 36,085 |
| Middle | 55.8 (54.8-56.8) | 52.9 (51.8-53.9) | 10.9 (10.3-11.4) | 2.5 (2.2-2.8) | 0.5 (0.4-0.7) | 40,254 |
| Upper middle | 52.8 (51.8-53.8) | 56.7 (55.7-57.7) | 7.4 (6.9-7.9) | 3.7 (3.3-4) | 0.8 (0.6-0.9) | 41,575 |
| Highest | 45.1 (44.0-46.2) | 62.5 (61.5-63.6) | 5.2 (4.8-5.7) | 6.7 (6.2-7.2) | 1.1 (0.9-1.4) | 34,752 |

Table 11. 41 Proportion of Smoking in Buildings/Rooms in Population Aged ≥10 by Province, 2023 SKI

| Province | Smoking in Buildings/Rooms/Houses | | Weighted N |
|--------------------|-----------------------------------|------------------|----------------|
| | % | 95% CI | |
| Aceh | 83.1 | 80.9-85.0 | 2,964 |
| North Sumatera | 86.8 | 84.9-88.4 | 7,629 |
| West Sumatera | 90.3 | 89.1-91.3 | 3,576 |
| Riau | 86.8 | 84.9-88.5 | 3,519 |
| Jambi | 86.8 | 85.0-88.5 | 1,667 |
| South Sumatera | 90.1 | 88.9-91.2 | 4,945 |
| Bengkulu | 86.0 | 83.6-88.0 | 1,256 |
| Lampung | 91.6 | 90.3-92.7 | 5,906 |
| Bangka Belitung | 87.1 | 85.1-88.9 | 788 |
| Riau Islands | 71.3 | 65.0-76.8 | 1,090 |
| DKI Jakarta | 54.2 | 50.7-57.6 | 5,725 |
| West Java | 75.1 | 73.7-76.5 | 35,100 |
| Central Java | 83.2 | 82.1-84.3 | 23,725 |
| DI Yogyakarta | 67.0 | 64.3-69.6 | 2,049 |
| East Java | 83.5 | 82.4-84.5 | 25,198 |
| Banten | 78.0 | 75.2-80.5 | 7,860 |
| Bali | 59.2 | 56.1-62.3 | 1,946 |
| West Nusa Tenggara | 79.6 | 76.8-82.1 | 3,706 |
| East Nusa Tenggara | 92.9 | 91.7-93.9 | 2,908 |
| West Kalimantan | 92.7 | 91.3-93.9 | 2,901 |
| Central Kalimantan | 90.5 | 88.5-92.1 | 1,414 |
| South Kalimantan | 87.5 | 85.8-88.9 | 1,851 |
| East Kalimantan | 78.6 | 76.1-80.9 | 1,896 |
| North Kalimantan | 74.3 | 69.3-78.6 | 325 |
| North Sulawesi | 86.2 | 84.0-88.2 | 1,457 |
| Central Sulawesi | 92.0 | 90.4-93.4 | 1,849 |
| South Sulawesi | 89.3 | 88.0-90.5 | 4,853 |
| Southeast Sulawesi | 92.7 | 91.3-93.9 | 1,247 |
| Gorontalo | 91.9 | 89.5-93.8 | 743 |
| West Sulawesi | 94.6 | 92.7-96.1 | 733 |
| Maluku | 88.4 | 85.8-90.5 | 1,016 |
| North Maluku | 90.2 | 88.0-92.0 | 714 |
| West Papua | 81.6 | 75.9-86.1 | 272 |
| Southwest Papua | 81.0 | 75.5-85.4 | 324 |
| Papua | 76.3 | 71.1-80.8 | 478 |
| South Papua | 91.1 | 84.3-95.1 | 299 |
| Central Papua | 81.4 | 75.4-86.2 | 547 |
| Highland Papua | 84.2 | 78.3-88.6 | 508 |
| INDONESIA | 81.5 | 81.0-81.9 | 164,987 |

Table 11. 42 Proportion of Smoking in Buildings/Rooms in Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Smoking in buildings/Room | | Weighted N |
|--|---------------------------|-----------|------------|
| | % | 95% CI | |
| Age Range | | | |
| 10-14 | 69.4 | 63.3-74.8 | 658 |
| 15-19 | 77.6 | 75.9-79.2 | 9,591 |
| 20-24 | 82.7 | 81.4-83.9 | 17,671 |
| 25-29 | 80.3 | 79.0-81.6 | 19,475 |
| 30-34 | 79.6 | 78.4-80.8 | 19,503 |
| 35-39 | 80.6 | 79.5-81.6 | 19,215 |
| 40-44 | 80.9 | 79.9-81.9 | 18,409 |
| 45-49 | 82.1 | 81.0-83.1 | 16,430 |
| 50-54 | 82.4 | 81.3-83.4 | 13,736 |
| 55-59 | 83.6 | 82.5-84.6 | 11,001 |
| 60-64 | 83.9 | 82.7-85.1 | 8,202 |
| 65 + | 85.8 | 84.7-86.8 | 11,097 |
| Age Range (Special) | | | |
| 10-18 | 76.2 | 74.3-78.0 | 7,809 |
| 15+ | 81.5 | 81.1-82.0 | 164,329 |
| 10+ | 81.5 | 81.0-81.9 | 164,987 |
| Sex | | | |
| Male | 81.4 | 81.0-81.9 | 161,528 |
| Female | 84.9 | 82.9-86.8 | 3,459 |
| Education | | | |
| Never attended school | 86.4 | 84.9-87.9 | 5,910 |
| Some primary school | 86.7 | 85.5-87.8 | 10,069 |
| Primary school graduate | 86.8 | 86.1-87.4 | 44,104 |
| Junior secondary school graduate | 83.1 | 82.3-83.9 | 35,212 |
| Senior secondary school graduate | 77.3 | 76.6-78.1 | 58,919 |
| D1/D2/D3/university graduate | 69.7 | 68.2-71.2 | 10,773 |
| Occupation | | | |
| Unemployed | 83.0 | 81.8-84.1 | 14,354 |
| Student | 73.7 | 71.7-75.6 | 8,659 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 71.9 | 69.8-73.9 | 4,401 |
| Private employee | 70.4 | 69.0-71.7 | 24,765 |
| Self-employed | 80.9 | 80.1-81.7 | 36,848 |
| Farmer/farm worker | 90.5 | 89.9-91.0 | 39,538 |
| Fisher | 86.4 | 83.1-89.2 | 2,922 |
| Labor/driver/domestic help | 82.5 | 81.5-83.5 | 26,665 |
| Others | 79.8 | 77.9-81.5 | 6,834 |
| Residence | | | |
| Urban | 75.9 | 75.2-76.5 | 93,407 |
| Rural | 88.8 | 88.2-89.4 | 71,580 |
| Economic Status | | | |
| Lowest | 90.5 | 89.8-91.1 | 26,874 |
| Lower middle | 86.7 | 86.0-87.4 | 33,585 |
| Middle | 83.2 | 82.4-84.0 | 37,123 |
| Upper middle | 77.8 | 76.9-78.8 | 37,576 |
| Highest | 69.9 | 68.8-71.0 | 29,818 |

Table 11. 43 Proportion of Frequency of Being Near People Who Smoke in Closed Rooms in Population Aged ≥10 by Province, 2023 SKI

| Province | Frequency of Being Near People Who Smoke in Closed Rooms ¹ (%. 95%CI) | | | Weighted N |
|--------------------|--|-------------------------|-------------------------|----------------|
| | Every day | Occasionally | Never | |
| Aceh | 23.1 (21.9-24.4) | 50.5 (48.9-52.0) | 26.4 (25.0-27.8) | 13,654 |
| North Sumatera | 24.7 (23.5-26.0) | 50.1 (48.7-51.5) | 25.2 (23.8-26.6) | 38,293 |
| West Sumatera | 38.3 (36.7-39.9) | 40.5 (39.1-42.0) | 21.2 (20.0-22.5) | 14,601 |
| Riau | 30.3 (28.7-32.1) | 48.4 (46.7-50.1) | 21.3 (19.8-22.8) | 16,528 |
| Jambi | 21.2 (19.6-22.9) | 50.4 (48.3-52.5) | 28.4 (26.2-30.7) | 9,256 |
| South Sumatera | 27.7 (26.2-29.3) | 47.4 (45.4-49.3) | 24.9 (23.3-26.6) | 21,935 |
| Bengkulu | 30.9 (28.9-32.9) | 52.5 (50.4-54.6) | 16.6 (15.2-18.1) | 5,257 |
| Lampung | 37.4 (35.6-39.2) | 39.6 (37.9-41.4) | 23.0 (21.4-24.6) | 23,530 |
| Bangka Belitung | 26.3 (24.5-28.1) | 43.7 (41.6-45.9) | 30.0 (28.1-32.0) | 3,849 |
| Riau Islands | 21.8 (18.6-25.4) | 48.4 (45.0-51.9) | 29.7 (27.0-32.7) | 5,379 |
| DKI Jakarta | 21.4 (19.6-23.4) | 38.2 (36.2-40.2) | 40.3 (37.8-42.9) | 27,664 |
| West Java | 36.4 (35.4-37.4) | 39.8 (38.8-40.8) | 23.8 (22.9-24.7) | 127,590 |
| Central Java | 33.0 (32.1-33.9) | 42.1 (41.2-43.1) | 24.9 (24.0-25.7) | 97,334 |
| DI Yogyakarta | 24.3 (22.6-26.1) | 42.7 (40.9-44.5) | 33.0 (31.3-34.8) | 9,852 |
| East Java | 31.2 (30.3-32.2) | 41.0 (40.0-41.9) | 27.8 (26.9-28.8) | 108,610 |
| Banten | 32.3 (30.2-34.4) | 42.2 (40.0-44.4) | 25.6 (23.8-27.4) | 31,161 |
| Bali | 15.6 (14.1-17.2) | 43.2 (41.2-45.3) | 41.2 (39.0-43.4) | 11,517 |
| West Nusa Tenggara | 35.9 (33.9-38.0) | 44.1 (42.1-46.1) | 19.9 (18.2-21.8) | 13,789 |
| East Nusa Tenggara | 27.5 (26.3-28.6) | 51.0 (49.8-52.3) | 21.5 (20.3-22.8) | 13,535 |
| West Kalimantan | 28.1 (26.4-29.8) | 48.1 (46.2-49.9) | 23.9 (22.3-25.5) | 14,173 |
| Central Kalimantan | 26.8 (24.9-28.9) | 47.7 (45.5-49.9) | 25.5 (23.6-27.6) | 7,033 |
| South Kalimantan | 22.5 (21.0-24.0) | 44.7 (42.9-46.4) | 32.9 (31.2-34.6) | 10,566 |
| East Kalimantan | 25.1 (23.3-26.9) | 38.9 (36.8-41.1) | 36.0 (33.6-38.5) | 9,985 |
| North Kalimantan | 16.9 (14.7-19.3) | 37.7 (34.3-41.4) | 45.4 (41.8-49.0) | 1,851 |
| North Sulawesi | 25.2 (23.6-26.8) | 44.5 (42.7-46.3) | 30.4 (28.6-32.2) | 6,921 |
| Central Sulawesi | 37.1 (35.3-38.9) | 36.8 (35.1-38.5) | 26.1 (24.4-27.8) | 7,723 |
| South Sulawesi | 30.7 (29.4-31.9) | 40.1 (38.7-41.4) | 29.3 (28.0-30.7) | 23,925 |
| Southeast Sulawesi | 25.8 (24.4-27.3) | 46.0 (44.3-47.8) | 28.1 (26.5-29.8) | 6,791 |
| Gorontalo | 37.4 (35.0-39.8) | 44.1 (41.9-46.5) | 18.5 (16.7-20.4) | 3,085 |
| West Sulawesi | 32.6 (30.1-35.3) | 46.1 (43.8-48.5) | 21.3 (19.1-23.6) | 3,653 |
| Maluku | 23.5 (21.7-25.4) | 49.3 (47.3-51.3) | 27.2 (25.3-29.1) | 4,831 |
| North Maluku | 22.0 (20.0-24.2) | 43.8 (41.6-46.1) | 34.1 (31.6-36.7) | 3,325 |
| West Papua | 18.0 (15.9-20.3) | 51.8 (48.7-54.9) | 30.3 (27.1-33.6) | 1,418 |
| Southwest Papua | 20.8 (18.2-23.6) | 43.9 (40.5-47.4) | 35.3 (31.2-39.7) | 1,551 |
| Papua | 16.9 (14.8-19.3) | 53.3 (50.1-56.4) | 29.8 (26.8-33.0) | 2,446 |
| South Papua | 33.6 (29.5-37.9) | 48.7 (44.6-52.9) | 17.7 (15.1-20.7) | 1,163 |
| Central Papua | 12.7 (8.4-18.8) | 36.8 (32.3-41.5) | 50.5 (43.7-57.3) | 3,708 |
| Highland Papua | 14.1 (11.5-17.2) | 48.3 (42.0-54.5) | 37.6 (32.2-43.5) | 3,803 |
| INDONESIA | 30.4 (30.1-30.8) | 42.9 (42.5-43.2) | 26.7 (26.3-27.0) | 711,286 |

¹ A closed room including a house, workplace, and means of transportation.

Table 11. 44 Proportion of Frequency of Being Near People Who Smoke in Closed Rooms in Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Frequency of Being Near People Who Smoke in closed rooms ¹ (%. 95%CI) | | | Weighted N |
|--|--|------------------|------------------|------------|
| | Every day | Occasionally | Never | |
| Age Range | | | | |
| 10-14 | 20.8 (20.2-21.4) | 44.1 (43.4-44.8) | 35.1 (34.4-35.8) | 66,880 |
| 15-19 | 27.8 (27.0-28.5) | 46.0 (45.2-46.7) | 26.3 (25.6-26.9) | 67,140 |
| 20-24 | 34.0 (33.2-34.8) | 43.3 (42.5-44.2) | 22.7 (22.0-23.3) | 67,751 |
| 25-29 | 34.4 (33.6-35.1) | 42.2 (41.4-42.9) | 23.5 (22.8-24.2) | 68,165 |
| 30-34 | 34.1 (33.4-34.8) | 42.6 (42.0-43.3) | 23.2 (22.6-23.9) | 67,029 |
| 35-39 | 34.5 (33.8-35.2) | 42.3 (41.6-43.0) | 23.3 (22.6-23.9) | 65,016 |
| 40-44 | 35.2 (34.5-35.8) | 42.0 (41.4-42.7) | 22.8 (22.2-23.3) | 61,875 |
| 45-49 | 33.6 (32.9-34.3) | 42.4 (41.7-43.1) | 24.1 (23.5-24.7) | 57,971 |
| 50-54 | 31.6 (30.9-32.3) | 42.8 (42.1-43.5) | 25.5 (24.9-26.2) | 51,344 |
| 55-59 | 29.5 (28.7-30.2) | 43.2 (42.5-44.0) | 27.3 (26.6-28.0) | 43,672 |
| 60-64 | 26.7 (26.0-27.5) | 42.2 (41.3-43.0) | 31.1 (30.3-31.9) | 35,130 |
| 65 + | 21.2 (20.6-21.8) | 40.8 (40.1-41.5) | 38.0 (37.3-38.7) | 59,314 |
| Age Range (Special) | | | | |
| 10-18 | 23.6 (23.1-24.2) | 45.0 (44.4-45.6) | 31.4 (30.8-32.0) | 122,522 |
| 15+ | 31.4 (31.1-31.8) | 42.8 (42.4-43.1) | 25.8 (25.5-26.1) | 644,406 |
| 10+ | 30.4 (30.1-30.8) | 42.9 (42.5-43.2) | 26.7 (26.3-27.0) | 711,286 |
| Sex | | | | |
| Male | 37.8 (37.4-38.2) | 42.6 (42.2-43.0) | 19.6 (19.2-19.9) | 358,482 |
| Female | 23.0 (22.6-23.3) | 43.1 (42.7-43.5) | 33.9 (33.5-34.3) | 352,804 |
| Education | | | | |
| Never attended school | 26.6 (25.6-27.5) | 40.7 (39.7-41.6) | 32.8 (31.8-33.8) | 35,612 |
| Some primary school | 26.5 (25.8-27.2) | 42.5 (41.9-43.2) | 31.0 (30.3-31.6) | 75,359 |
| Primary school graduate | 32.8 (32.3-33.4) | 42.1 (41.6-42.6) | 25.1 (24.6-25.6) | 190,716 |
| Junior secondary school graduate | 33.4 (32.9-34.0) | 43.0 (42.4-43.5) | 23.6 (23.1-24.1) | 138,925 |
| Senior secondary school graduate | 31.3 (30.9-31.8) | 43.4 (42.9-43.9) | 25.3 (24.8-25.7) | 208,914 |
| D1/D2/D3/university graduate | 20.4 (19.8-21.0) | 45.1 (44.4-45.9) | 34.5 (33.7-35.2) | 61,760 |
| Occupation | | | | |
| Unemployed | 25.9 (25.5-26.4) | 42.1 (41.7-42.6) | 32.0 (31.5-32.4) | 205,498 |
| Student | 23.2 (22.6-23.7) | 45.8 (45.1-46.4) | 31.1 (30.4-31.7) | 113,575 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 22.9 (22.0-23.8) | 46.0 (45.0-47.0) | 31.1 (30.1-32.1) | 20,068 |
| Private employee | 31.4 (30.6-32.2) | 43.5 (42.7-44.3) | 25.1 (24.3-25.9) | 73,556 |
| Self-employed | 34.4 (33.8-35.0) | 43.0 (42.3-43.6) | 22.6 (22.1-23.2) | 98,412 |
| Farmer/farm worker | 37.3 (36.7-38.0) | 42.8 (42.2-43.4) | 19.9 (19.4-20.4) | 104,020 |
| Fisher | 47.4 (45.0-49.7) | 37.2 (35.0-39.6) | 15.4 (13.8-17.2) | 5,166 |
| Labor/driver/domestic help | 45.7 (44.7-46.7) | 37.7 (36.8-38.7) | 16.6 (15.9-17.3) | 52,168 |
| Others | 26.5 (25.7-27.3) | 43.3 (42.4-44.1) | 30.3 (29.4-31.1) | 38,823 |
| Residence | | | | |
| Urban | 28.5 (28.1-28.9) | 42.1 (41.7-42.6) | 29.4 (28.9-29.8) | 416,383 |
| Rural | 33.2 (32.7-33.8) | 43.9 (43.4-44.5) | 22.9 (22.4-23.4) | 294,903 |
| Economic Status | | | | |
| Lowest | 34.2 (33.5-34.9) | 42.5 (41.8-43.2) | 23.3 (22.7-24.0) | 103,577 |
| Lower middle | 34.9 (34.3-35.5) | 42.4 (41.8-43.0) | 22.7 (22.2-23.2) | 129,735 |
| Middle | 33.0 (32.4-33.6) | 42.7 (42.1-43.3) | 24.2 (23.7-24.8) | 150,383 |
| Upper middle | 29.7 (29.1-30.2) | 43.7 (43.1-44.3) | 26.7 (26.1-27.2) | 165,087 |
| Highest | 22.9 (22.4-23.5) | 42.8 (42.2-43.4) | 34.3 (33.6-34.9) | 162,452 |

¹ A closed room including a house, workplace, and means of transportation.

Table 11. 45 Proportion of Tobacco Chewing in Population Aged ≥10 by Province, 2023 SKI

| Province | Still Chewing Tobacco Currently | | Do not Chew Tobacco | | Weighted N |
|--------------------|---------------------------------|----------------------------|----------------------|-------------------------|----------------|
| | Every day (%. 95%CI) | Occasionally (%. 95%CI) | Former (%. 95%CI) | Never (%. 95%CI) | |
| Aceh | 0.8 (0.6-1.0) | 2.1 (1.7-2.5) | 0.8 (0.7-1.0) | 96.4 (95.9-96.8) | 13,654 |
| North Sumatera | 1.4 (1.2-1.6) | 1.7 (1.5-1.9) | 0.9 (0.7-1.1) | 96.0 (95.6-96.4) | 38,293 |
| West Sumatera | 0.6 (0.4-0.7) | 1.1 (0.9-1.3) | 0.8 (0.7-1.0) | 97.5 (97.2-97.8) | 14,601 |
| Riau | 0.3 (0.3-0.5) | 0.8 (0.6-1.0) | 0.7 (0.6-0.9) | 98.1 (97.8-98.4) | 16,528 |
| Jambi | 0.4 (0.3-0.6) | 0.7 (0.5-0.9) | 0.8 (0.6-1.0) | 98.1 (97.8-98.4) | 9,256 |
| South Sumatera | 0.5 (0.4-0.6) | 0.6 (0.5-0.8) | 0.3 (0.3-0.4) | 98.6 (98.3-98.8) | 21,935 |
| Bengkulu | 0.4 (0.3-0.5) | 0.7 (0.5-0.9) | 0.6 (0.4-0.8) | 98.4 (98.0-98.6) | 5,257 |
| Lampung | 0.5 (0.4-0.7) | 0.6 (0.5-0.8) | 0.4 (0.3-0.5) | 98.4 (98.2-98.7) | 23,530 |
| Bangka Belitung | 0.2 (0.2-0.4) | 0.9 (0.5-1.4) | 0.3 (0.2-0.5) | 98.6 (98.0-99.0) | 3,849 |
| Riau Islands | 0.4 (0.2-0.8) | 0.6 (0.3-1.0) | 0.3 (0.2-0.6) | 98.7 (98.1-99.1) | 5,379 |
| DKI Jakarta | 0.2 (0.1-0.4) | 0.3 (0.2-0.4) | 0.4 (0.2-0.6) | 99.2 (98.9-99.4) | 27,664 |
| West Java | 0.3 (0.2-0.3) | 0.5 (0.4-0.6) | 0.7 (0.6-0.8) | 98.5 (98.3-98.7) | 127,590 |
| Central Java | 0.5 (0.4-0.6) | 0.4 (0.3-0.5) | 0.5 (0.4-0.6) | 98.6 (98.4-98.7) | 97,334 |
| DI Yogyakarta | 0.5 (0.4-0.7) | 0.4 (0.3-0.6) | 1.0 (0.7-1.3) | 98.1 (97.7-98.4) | 9,852 |
| East Java | 0.3 (0.2-0.3) | 0.3 (0.3-0.4) | 0.3 (0.3-0.4) | 99.1 (99.0-99.2) | 108,610 |
| Banten | 0.5 (0.3-0.7) | 0.5 (0.4-0.7) | 0.7 (0.5-1.0) | 98.3 (97.9-98.6) | 31,161 |
| Bali | 1.4 (1.1-1.7) | 0.6 (0.4-0.8) | 0.5 (0.4-0.7) | 97.6 (97.2-97.9) | 11,517 |
| West Nusa Tenggara | 1.4 (1.1-1.9) | 1.0 (0.7-1.4) | 0.9 (0.6-1.3) | 96.7 (95.9-97.3) | 13,789 |
| East Nusa Tenggara | 9.9 (9.3-10.6) | 10.6 (10-11.4) | 1.4 (1.2-1.7) | 78.0 (76.9-79.1) | 13,535 |
| West Kalimantan | 1.0 (0.8-1.2) | 1.8 (1.5-2.2) | 0.8 (0.6-1.0) | 96.4 (95.9-96.9) | 14,173 |
| Central Kalimantan | 1.6 (1.3-2.0) | 2.7 (2.3-3.3) | 1.7 (1.3-2.2) | 94.0 (93.1-94.8) | 7,033 |
| South Kalimantan | 0.3 (0.2-0.4) | 0.5 (0.4-0.7) | 0.4 (0.3-0.6) | 98.7 (98.5-99.0) | 10,566 |
| East Kalimantan | 0.5 (0.4-0.7) | 0.9 (0.7-1.1) | 0.6 (0.4-0.8) | 98.0 (97.6-98.4) | 9,985 |
| North Kalimantan | 0.5 (0.3-0.9) | 0.5 (0.3-0.8) | 0.3 (0.2-0.6) | 98.7 (98.1-99.1) | 1,851 |
| North Sulawesi | 0.4 (0.3-0.6) | 0.7 (0.5-0.9) | 0.7 (0.5-0.8) | 98.2 (97.9-98.5) | 6,921 |
| Central Sulawesi | 0.6 (0.5-0.9) | 0.8 (0.6-1.0) | 0.6 (0.4-0.9) | 97.9 (97.4-98.4) | 7,723 |
| South Sulawesi | 0.4 (0.3-0.5) | 0.5 (0.4-0.6) | 0.6 (0.4-0.7) | 98.6 (98.3-98.8) | 23,925 |
| Southeast Sulawesi | 0.4 (0.3-0.5) | 0.5 (0.3-0.6) | 0.4 (0.3-0.6) | 98.8 (98.5-99.0) | 6,791 |
| Gorontalo | 0.3 (0.2-0.6) | 0.4 (0.3-0.6) | 0.5 (0.3-0.9) | 98.7 (98.3-99.0) | 3,085 |
| West Sulawesi | 0.6 (0.4-1.0) | 0.7 (0.5-1.0) | 0.5 (0.3-0.8) | 98.2 (97.6-98.6) | 3,653 |
| Maluku | 2.4 (2.0-2.9) | 2.9 (2.4-3.5) | 1.2 (0.9-1.6) | 93.4 (92.4-94.3) | 4,831 |
| North Maluku | 2.6 (2.1-3.2) | 4.9 (4.2-5.7) | 1.4 (1.1-1.8) | 91.0 (89.8-92.1) | 3,325 |
| West Papua | 10.9 (8.7-13.5) | 11.5 (9.6-13.8) | 3.3 (2.3-4.7) | 74.3 (70.3-77.9) | 1,418 |
| Southwest Papua | 7.0 (5.7-8.6) | 7.8 (6.5-9.4) | 1.2 (0.8-1.8) | 83.9 (81.4-86.2) | 1,551 |
| Papua | 10.0 (8.3-12.2) | 9.4 (7.8-11.2) | 1.3 (0.9-1.9) | 79.3 (75.8-82.4) | 2,446 |
| South Papua | 9.7 (7.4-12.7) | 7.2 (5.8-8.9) | 2.0 (1.3-3.1) | 81.0 (77.1-84.4) | 1,163 |
| Central Papua | 7.7 (5.0-11.7) | 9.9 (7.3-13.4) | 5.2 (2.5-10.2) | 77.2 (71.0-82.4) | 3,708 |
| Highland Papua | 5.8 (4.3-7.8) | 12.5 (10.1-15.5) | 2.9 (1.9-4.4) | 78.7 (75.1-82.0) | 3,803 |
| INDONESIA | 0.8 (0.8-0.9) | 1.1 (1.0-1.1) | 0.7 (0.6-0.7) | 97.4 (97.3-97.5) | 711,286 |

Table 11. 46 Proportion of Tobacco Chewing in Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Still Chewing Tobacco Currently (%. 95%CI) | | Do not Chew Tobacco (%. 95%CI) | | Weighted N |
|--|---|---------------|-----------------------------------|------------------|------------|
| | Every day | Occasionally | Every day | Occasionally | |
| Age Range | | | | | |
| 10-14 | 0.2 (0.2-0.2) | 0.6 (0.5-0.7) | 0.3 (0.2-0.3) | 98.9 (98.8-99.0) | 66,880 |
| 15-19 | 0.4 (0.3-0.6) | 0.7 (0.6-0.8) | 0.3 (0.2-0.3) | 98.6 (98.4-98.8) | 67,140 |
| 20-24 | 0.5 (0.4-0.6) | 0.9 (0.8-1.0) | 0.5 (0.4-0.6) | 98.1 (97.9-98.3) | 67,751 |
| 25-29 | 0.7 (0.6-0.8) | 1.1 (1.0-1.2) | 0.4 (0.3-0.5) | 97.8 (97.6-98.0) | 68,165 |
| 30-34 | 0.8 (0.7-0.9) | 1.1 (1.0-1.2) | 0.6 (0.5-0.7) | 97.6 (97.4-97.7) | 67,029 |
| 35-39 | 0.8 (0.8-1.0) | 1.2 (1.1-1.3) | 0.5 (0.5-0.6) | 97.5 (97.3-97.6) | 65,016 |
| 40-44 | 0.8 (0.8-0.9) | 1.2 (1.1-1.3) | 0.6 (0.5-0.7) | 97.4 (97.2-97.5) | 61,875 |
| 45-49 | 0.9 (0.8-1.0) | 1.2 (1.1-1.4) | 0.9 (0.7-1.1) | 97.0 (96.7-97.3) | 57,971 |
| 50-54 | 1.0 (0.9-1.1) | 1.2 (1.1-1.3) | 0.8 (0.7-0.9) | 97.1 (96.9-97.3) | 51,344 |
| 55-59 | 1.0 (0.9-1.1) | 1.2 (1.1-1.4) | 0.9 (0.8-1.0) | 96.8 (96.6-97.1) | 43,672 |
| 60-64 | 1.3 (1.2-1.5) | 1.3 (1.2-1.5) | 1.1 (0.9-1.3) | 96.3 (96.0-96.5) | 35,130 |
| 65 + | 2.2 (2.1-2.4) | 1.4 (1.3-1.6) | 1.7 (1.5-1.9) | 94.7 (94.4-94.9) | 59,314 |
| Age Range (Special) | | | | | |
| 10-18 | 0.2 (0.2-0.3) | 0.6 (0.6-0.7) | 0.3 (0.2-0.3) | 98.9 (98.8-98.9) | 122,522 |
| 15+ | 0.9 (0.9-1.0) | 1.1 (1.1-1.2) | 0.7 (0.7-0.8) | 97.3 (97.2-97.3) | 644,406 |
| 10+ | 0.8 (0.8-0.9) | 1.1 (1.0-1.1) | 0.7 (0.6-0.7) | 97.4 (97.3-97.5) | 711,286 |
| Sex | | | | | |
| Male | 0.8 (0.7-0.8) | 1.1 (1.0-1.1) | 0.6 (0.6-0.7) | 97.5 (97.4-97.6) | 358,482 |
| Female | 0.9 (0.9-1.0) | 1.1 (1.0-1.1) | 0.7 (0.6-0.7) | 97.3 (97.2-97.4) | 352,804 |
| Education | | | | | |
| Never attended school | 2.9 (2.6-3.2) | 2.1 (1.8-2.3) | 1.3 (1.1-1.5) | 93.8 (93.3-94.2) | 35,612 |
| Some primary school | 1.1 (1.0-1.3) | 1.3 (1.2-1.4) | 0.7 (0.6-0.8) | 96.9 (96.6-97.2) | 75,359 |
| Primary school graduate | 1.0 (1.0-1.1) | 1.1 (1.0-1.2) | 0.7 (0.6-0.8) | 97.2 (97.0-97.3) | 190,716 |
| Junior secondary school graduate | 0.6 (0.5-0.7) | 1.0 (0.9-1.0) | 0.6 (0.5-0.6) | 97.9 (97.7-98.0) | 138,925 |
| Senior secondary school graduate | 0.5 (0.5-0.6) | 0.9 (0.8-1.0) | 0.6 (0.5-0.7) | 98.0 (97.9-98.1) | 208,914 |
| D1/D2/D3/university graduate | 0.4 (0.4-0.5) | 1.0 (0.9-1.2) | 0.6 (0.5-0.7) | 97.9 (97.8-98.1) | 61,760 |
| Occupation | | | | | |
| Unemployed | 0.8 (0.8-0.9) | 1.0 (1.0-1.1) | 0.7 (0.7-0.8) | 97.4 (97.3-97.5) | 205,498 |
| Student | 0.2 (0.2-0.3) | 0.6 (0.6-0.7) | 0.3 (0.3-0.4) | 98.8 (98.7-98.9) | 113,575 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 0.7 (0.5-0.8) | 1.4 (1.2-1.6) | 0.7 (0.6-0.9) | 97.3 (97.0-97.6) | 20,068 |
| Private employee | 0.4 (0.3-0.4) | 0.6 (0.5-0.7) | 0.4 (0.3-0.5) | 98.7 (98.5-98.8) | 73,556 |
| Self-employed | 0.5 (0.4-0.6) | 0.8 (0.7-0.9) | 0.7 (0.6-0.8) | 98.0 (97.9-98.2) | 98,412 |
| Farmer/farm worker | 2.3 (2.2-2.5) | 2.2 (2.1-2.4) | 1.1 (0.9-1.3) | 94.3 (94.1-94.6) | 104,020 |
| Fisher | 1.7 (1.4-2.1) | 2.1 (1.6-2.7) | 0.6 (0.4-0.9) | 95.6 (94.8-96.3) | 5,166 |
| Labor/driver/domestic help | 0.5 (0.4-0.6) | 0.7 (0.6-0.8) | 0.7 (0.6-0.8) | 98.2 (97.9-98.4) | 52,168 |
| Others | 0.9 (0.8-1.0) | 1.5 (1.3-1.7) | 0.7 (0.6-0.9) | 96.9 (96.6-97.1) | 38,823 |
| Residence | | | | | |
| Urban | 0.4 (0.4-0.4) | 0.6 (0.6-0.7) | 0.6 (0.6-0.7) | 98.3 (98.3-98.4) | 416,383 |
| Rural | 1.5 (1.4-1.5) | 1.7 (1.6-1.8) | 0.8 (0.7-0.8) | 96.1 (95.9-96.2) | 294,903 |
| Economic Status | | | | | |
| Lowest | 2.9 (2.7-3.1) | 3.0 (2.8-3.2) | 1.2 (1.0-1.4) | 92.9 (92.5-93.2) | 103,577 |
| Lower middle | 0.9 (0.8-1.0) | 1.0 (0.9-1.1) | 0.7 (0.6-0.7) | 97.5 (97.3-97.6) | 129,735 |
| Middle | 0.6 (0.5-0.6) | 0.8 (0.7-0.9) | 0.5 (0.5-0.6) | 98.1 (98.0-98.2) | 150,383 |
| Upper middle | 0.4 (0.3-0.4) | 0.7 (0.6-0.7) | 0.6 (0.5-0.7) | 98.4 (98.3-98.5) | 165,087 |
| Highest | 0.2 (0.2-0.3) | 0.6 (0.5-0.6) | 0.6 (0.5-0.6) | 98.6 (98.5-98.7) | 162,452 |

11. 6 CONSUMPTION OF RISKY FOODS

The types of food observed in this survey are food which is risky to degenerative diseases such as coronary heart disease, hypertension, diabetes mellitus, and cancer.

Indicators collected to get an idea of risky foods consumption in the population aged 3 years above include consumption of sweet foods/drinks, salty food, fatty/cholesterol/fried foods, roasted food, processed meat/chicken/fish with preservatives, seasonings, soft drinks or carbonated drinks, energy drink, and instant noodles/other instant foods. Consumption habit is classified into:

≥1 time per day. 1-6 times per week and ≤ 3 times per month.

a. Proportion of risky food consumption habit

$$\begin{aligned} & \frac{\sum \text{Household member aged } \geq 3 \text{ years old with risky food consumption habit}}{\sum \text{Household member aged } \geq 3 \text{ years old in province X}} \\ = & \frac{\sum \text{Household member aged } \geq 3 \text{ years old with risky food consumption habit}}{\sum \text{Household member aged } \geq 3 \text{ years old by characteristic}} \\ = & \frac{\sum \text{Household member aged } \geq 3 \text{ years old by characteristic}}{\sum \text{Household member aged } \geq 3 \text{ years old in province X}} \end{aligned}$$

b. Proportion of reason consuming risky food

$$\begin{aligned} & \frac{\sum \text{Household member aged } \geq 3 \text{ years old consuming risky food}}{\sum \text{Household member aged } \geq 3 \text{ years old in province X}} \\ = & \frac{\sum \text{Household member aged } \geq 3 \text{ years old consuming risky food}}{\sum \text{Household member aged } \geq 3 \text{ years old by characteristic}} \end{aligned}$$

Table 11. 47 Proportion of Sweet Food Consumption Habit in Population Aged ≥ 3 by Province, 2023 SKI

| Province | Sweet Food Consumption Habit ¹ (%) | | | Weighted N |
|--------------------|---|----------------------|--------------------|----------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Aceh | 38.0 | 56.8 | 5.2 | 16,255 |
| North Sumatera | 30.1 | 60.3 | 9.6 | 45,584 |
| West Sumatera | 35.1 | 55.5 | 9.4 | 17,114 |
| Riau | 31.4 | 61.7 | 6.9 | 19,685 |
| Jambi | 31.5 | 63.5 | 5.0 | 10,955 |
| South Sumatera | 36.6 | 58.7 | 4.7 | 26,003 |
| Bengkulu | 30.4 | 61.4 | 8.2 | 6,210 |
| Lampung | 34.8 | 57.2 | 8.0 | 27,688 |
| Bangka Belitung | 25.5 | 66.3 | 8.2 | 4,505 |
| Riau Islands | 27.7 | 61.5 | 10.8 | 6,369 |
| DKI Jakarta | 31.3 | 55.8 | 12.9 | 31,861 |
| West Java | 38.2 | 53.1 | 8.7 | 148,411 |
| Central Java | 36.5 | 53.6 | 9.9 | 112,057 |
| DI Yogyakarta | 35.7 | 53.4 | 10.9 | 11,225 |
| East Java | 24.7 | 60.5 | 14.8 | 124,362 |
| Banten | 33.6 | 58.1 | 8.4 | 36,709 |
| Bali | 18.8 | 63.3 | 17.9 | 13,137 |
| West Nusa Tenggara | 29.9 | 58.2 | 12.0 | 16,431 |
| East Nusa Tenggara | 28.9 | 52.9 | 18.2 | 16,322 |
| West Kalimantan | 33.3 | 60.1 | 6.7 | 16,727 |
| Central Kalimantan | 39.7 | 55.2 | 5.2 | 8,225 |
| South Kalimantan | 52.0 | 43.5 | 4.5 | 12,523 |
| East Kalimantan | 33.4 | 56.3 | 10.3 | 11,651 |
| North Kalimantan | 39.0 | 56.8 | 4.1 | 2,162 |
| North Sulawesi | 35.1 | 55.7 | 9.1 | 7,994 |
| Central Sulawesi | 35.2 | 58.5 | 6.4 | 9,127 |
| South Sulawesi | 39.5 | 53.7 | 6.8 | 27,815 |
| Southeast Sulawesi | 40.4 | 51.3 | 8.3 | 8,108 |
| Gorontalo | 34.1 | 58.5 | 7.4 | 3,598 |
| West Sulawesi | 42.0 | 52.9 | 5.1 | 4,361 |
| Maluku | 41.1 | 50.2 | 8.7 | 5,673 |
| North Maluku | 48.5 | 45.0 | 6.4 | 3,955 |
| West Papua | 42.1 | 47.4 | 10.5 | 1,674 |
| Southwest Papua | 37.6 | 48.5 | 13.9 | 1,808 |
| Papua | 35.7 | 52.9 | 11.4 | 3,058 |
| South Papua | 28.0 | 55.5 | 16.4 | 1,539 |
| Central Papua | 35.6 | 48.3 | 16.1 | 4,350 |
| Highland Papua | 27.6 | 36.7 | 35.7 | 4,341 |
| INDONESIA | 33.7 | 56.2 | 10.1 | 829,573 |

¹ Sweet foods are foods that contain high level of sugar.

Table 11. 48 Proportion of Sweet Food Consumption Habits in Population Aged ≥ 3 by Characteristics, 2023 SKI

| Characteristic | Sweet Food Consumption Habit ¹ (%) | | | Weighted N |
|--|---|----------------------|--------------------|------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Age Range | | | | |
| 3 – 4 | 50.1 | 45.9 | 4.0 | 31,219 |
| 5 – 9 | 49.3 | 47.2 | 3.5 | 68,386 |
| 10-14 | 42.9 | 52.6 | 4.5 | 68,636 |
| 15-19 | 35.3 | 58.5 | 6.2 | 68,904 |
| 20-24 | 33.0 | 58.9 | 8.1 | 69,530 |
| 25-29 | 31.8 | 59.5 | 8.7 | 69,955 |
| 30-34 | 31.5 | 59.0 | 9.5 | 68,789 |
| 35-39 | 31.5 | 57.9 | 10.6 | 66,724 |
| 40-44 | 30.0 | 58.5 | 11.5 | 63,500 |
| 45-49 | 29.3 | 57.9 | 12.8 | 59,493 |
| 50-54 | 28.3 | 57.5 | 14.2 | 52,693 |
| 55-59 | 27.6 | 56.5 | 15.9 | 44,819 |
| 60-64 | 26.2 | 56.6 | 17.2 | 36,052 |
| 65 + | 25.0 | 55.9 | 19.1 | 60,872 |
| Sex | | | | |
| Male | 34.0 | 56.2 | 9.9 | 418,839 |
| Female | 33.4 | 56.3 | 10.3 | 410,734 |
| Education | | | | |
| Never attended school | 39.3 | 50.8 | 9.9 | 68,410 |
| Some primary school | 40.1 | 52.3 | 7.6 | 113,862 |
| Primary school graduate | 31.1 | 57.5 | 11.4 | 195,725 |
| Junior secondary school graduate | 32.2 | 57.8 | 9.9 | 142,574 |
| Senior secondary school graduate | 30.5 | 58.8 | 10.7 | 214,401 |
| D1/D2/D3/university graduate | 30.2 | 57.8 | 12.0 | 63,382 |
| Occupation | | | | |
| Unemployed | 31.1 | 57.2 | 11.7 | 210,895 |
| Student | 38.4 | 55.9 | 5.7 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 29.6 | 57.8 | 12.6 | 20,595 |
| Private employee | 29.4 | 59.0 | 11.7 | 75,488 |
| Self-employed | 30.5 | 58.0 | 11.5 | 100,997 |
| Farmer/farm worker | 27.7 | 58.3 | 14.0 | 106,752 |
| Fisher | 34.1 | 56.2 | 9.7 | 5,302 |
| Labor/driver/domestic help | 31.8 | 57.4 | 10.8 | 53,539 |
| Others | 30.9 | 57.9 | 11.2 | 39,843 |
| Residence | | | | |
| Urban | 33.8 | 55.7 | 10.6 | 484,838 |
| Rural | 33.6 | 57.0 | 9.4 | 344,735 |
| Economic Status | | | | |
| Lowest | 30.6 | 56.3 | 13.1 | 119,292 |
| Lower middle | 33.7 | 56.7 | 9.7 | 150,359 |
| Middle | 34.5 | 56.2 | 9.3 | 175,521 |
| Upper middle | 34.4 | 56.4 | 9.3 | 193,305 |
| Highest | 34.2 | 55.7 | 10.1 | 191,038 |

¹ Sweet foods are foods that contain high level of sugar.

Table 11. 49 Proportion of Sweet Drink Consumption Habits in Population Aged ≥ 3 by Province, 2023 SKI

| Province | Sweet Drink Consumption Habit ¹ (%) | | | Weighted N |
|--------------------|--|----------------------|--------------------|----------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Aceh | 48.4 | 47.4 | 4.2 | 16,255 |
| North Sumatera | 43.7 | 48.9 | 7.4 | 45,584 |
| West Sumatera | 48.4 | 43.4 | 8.3 | 17,114 |
| Riau | 46.5 | 48.4 | 5.1 | 19,685 |
| Jambi | 42.1 | 53.2 | 4.7 | 10,955 |
| South Sumatera | 53.3 | 42.3 | 4.4 | 26,003 |
| Bengkulu | 42.2 | 49.2 | 8.5 | 6,210 |
| Lampung | 49.6 | 43.0 | 7.3 | 27,688 |
| Bangka Belitung | 33.8 | 56.8 | 9.4 | 4,505 |
| Riau Islands | 37.3 | 53.2 | 9.6 | 6,369 |
| DKI Jakarta | 45.3 | 44.7 | 10.0 | 31,861 |
| West Java | 48.9 | 41.1 | 10.0 | 148,411 |
| Central Java | 60.3 | 32.1 | 7.6 | 112,057 |
| DI Yogyakarta | 57.9 | 31.8 | 10.3 | 11,225 |
| East Java | 41.4 | 46.1 | 12.4 | 124,362 |
| Banten | 44.3 | 47.7 | 8.0 | 36,709 |
| Bali | 19.2 | 60.0 | 20.8 | 13,137 |
| West Nusa Tenggara | 38.9 | 49.5 | 11.6 | 16,431 |
| East Nusa Tenggara | 44.8 | 40.2 | 15.0 | 16,322 |
| West Kalimantan | 45.0 | 48.7 | 6.3 | 16,727 |
| Central Kalimantan | 52.2 | 44.2 | 3.6 | 8,225 |
| South Kalimantan | 60.0 | 35.4 | 4.6 | 12,523 |
| East Kalimantan | 42.5 | 47.5 | 10.0 | 11,651 |
| North Kalimantan | 51.0 | 45.2 | 3.8 | 2,162 |
| North Sulawesi | 44.1 | 46.4 | 9.5 | 7,994 |
| Central Sulawesi | 42.9 | 49.1 | 8.0 | 9,127 |
| South Sulawesi | 46.5 | 44.8 | 8.7 | 27,815 |
| Southeast Sulawesi | 43.0 | 47.8 | 9.2 | 8,108 |
| Gorontalo | 40.7 | 50.9 | 8.5 | 3,598 |
| West Sulawesi | 49.0 | 43.8 | 7.2 | 4,361 |
| Maluku | 50.6 | 42.3 | 7.1 | 5,673 |
| North Maluku | 54.0 | 40.6 | 5.4 | 3,955 |
| West Papua | 52.4 | 40.9 | 6.7 | 1,674 |
| Southwest Papua | 49.8 | 40.3 | 9.8 | 1,808 |
| Papua | 47.0 | 44.3 | 8.7 | 3,058 |
| South Papua | 40.2 | 46.6 | 13.2 | 1,539 |
| Central Papua | 33.0 | 54.0 | 12.9 | 4,350 |
| Highland Papua | 46.8 | 33.6 | 19.7 | 4,341 |
| INDONESIA | 47.5 | 43.3 | 9.2 | 829,573 |

¹ Sweet drinks are beverages that contain high level of sugar.

Table 11. 50 Proportion of Sweet Drink Consumption Habits in Population Aged ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Sweet Drink Consumption Habit ¹ (%) | | | Weighted N |
|--|--|----------------------|--------------------|------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Age Range | | | | |
| 3 – 4 | 51.4 | 42.3 | 6.3 | 31,219 |
| 5 – 9 | 53.0 | 42.5 | 4.5 | 68,386 |
| 10-14 | 50.7 | 44.9 | 4.3 | 68,636 |
| 15-19 | 45.8 | 48.6 | 5.6 | 68,904 |
| 20-24 | 44.3 | 48.5 | 7.2 | 69,530 |
| 25-29 | 45.0 | 46.8 | 8.2 | 69,955 |
| 30-34 | 46.1 | 44.8 | 9.2 | 68,789 |
| 35-39 | 48.3 | 42.6 | 9.0 | 66,724 |
| 40-44 | 48.3 | 41.8 | 9.9 | 63,500 |
| 45-49 | 47.9 | 41.2 | 10.9 | 59,493 |
| 50-54 | 47.1 | 40.7 | 12.2 | 52,693 |
| 55-59 | 47.1 | 39.2 | 13.8 | 44,819 |
| 60-64 | 46.3 | 38.3 | 15.4 | 36,052 |
| 65 + | 45.2 | 37.7 | 17.0 | 60,872 |
| Sex | | | | |
| Male | 52.4 | 40.4 | 7.2 | 418,839 |
| Female | 42.6 | 46.2 | 11.2 | 410,734 |
| Education | | | | |
| Never attended school | 49.2 | 41.7 | 9.2 | 68,410 |
| Some primary school | 50.2 | 42.9 | 6.9 | 113,862 |
| Primary school graduate | 48.8 | 41.3 | 9.8 | 195,725 |
| Junior secondary school graduate | 48.0 | 43.6 | 8.4 | 142,574 |
| Senior secondary school graduate | 45.4 | 45.0 | 9.6 | 214,401 |
| D1/D2/D3/university graduate | 41.2 | 46.1 | 12.8 | 63,382 |
| Occupation | | | | |
| Unemployed | 41.6 | 45.9 | 12.5 | 210,895 |
| Student | 47.2 | 47.6 | 5.2 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 42.7 | 44.7 | 12.5 | 20,595 |
| Private employee | 45.9 | 44.5 | 9.6 | 75,488 |
| Self-employed | 49.5 | 41.1 | 9.4 | 100,997 |
| Farmer/farm worker | 51.2 | 38.9 | 9.9 | 106,752 |
| Fisher | 53.3 | 39.9 | 6.9 | 5,302 |
| Labor/driver/domestic help | 56.7 | 35.9 | 7.4 | 53,539 |
| Others | 44.8 | 44.0 | 11.2 | 39,843 |
| Residence | | | | |
| Urban | 46.8 | 43.2 | 10.0 | 484,838 |
| Rural | 48.6 | 43.4 | 8.0 | 344,735 |
| Economic Status | | | | |
| Lowest | 48.4 | 41.8 | 9.8 | 119,292 |
| Lower middle | 49.6 | 42.1 | 8.3 | 150,359 |
| Middle | 49.3 | 42.5 | 8.2 | 175,521 |
| Upper middle | 47.3 | 43.8 | 8.8 | 193,305 |
| Highest | 44.0 | 45.3 | 10.7 | 191,038 |

¹Sweet drinks are beverages that contain high level of sugar.

**Table 11. 51 Proportion of Salty Food Consumption Habit in Population
Aged ≥3 by Province, 2023 SKI**

| Province | Salty Food Consumption Habit ¹ (%) | | | Weighted N |
|--------------------|---|----------------------|--------------------|----------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Aceh | 17.6 | 58.0 | 24.4 | 16,255 |
| North Sumatera | 19.2 | 57.4 | 23.4 | 45,584 |
| West Sumatera | 14.7 | 56.9 | 28.4 | 17,114 |
| Riau | 24.1 | 62.7 | 13.1 | 19,685 |
| Jambi | 27.1 | 63.9 | 9.0 | 10,955 |
| South Sumatera | 33.3 | 59.0 | 7.7 | 26,003 |
| Bengkulu | 36.0 | 55.2 | 8.8 | 6,210 |
| Lampung | 30.4 | 56.8 | 12.8 | 27,688 |
| Bangka Belitung | 14.2 | 65.1 | 20.7 | 4,505 |
| Riau Islands | 18.0 | 64.9 | 17.1 | 6,369 |
| DKI Jakarta | 26.9 | 54.5 | 18.6 | 31,861 |
| West Java | 46.5 | 43.6 | 9.9 | 148,411 |
| Central Java | 39.1 | 46.9 | 14.0 | 112,057 |
| DI Yogyakarta | 31.6 | 51.4 | 17.0 | 11,225 |
| East Java | 28.0 | 53.9 | 18.1 | 124,362 |
| Banten | 33.9 | 55.6 | 10.5 | 36,709 |
| Bali | 11.0 | 62.2 | 26.7 | 13,137 |
| West Nusa Tenggara | 13.3 | 58.4 | 28.2 | 16,431 |
| East Nusa Tenggara | 11.6 | 46.3 | 42.1 | 16,322 |
| West Kalimantan | 26.2 | 63.0 | 10.8 | 16,727 |
| Central Kalimantan | 25.8 | 62.2 | 12.0 | 8,225 |
| South Kalimantan | 29.1 | 57.5 | 13.4 | 12,523 |
| East Kalimantan | 24.4 | 56.2 | 19.4 | 11,651 |
| North Kalimantan | 33.2 | 55.6 | 11.2 | 2,162 |
| North Sulawesi | 13.3 | 47.5 | 39.3 | 7,994 |
| Central Sulawesi | 18.8 | 52.9 | 28.3 | 9,127 |
| South Sulawesi | 23.1 | 56.5 | 20.4 | 27,815 |
| Southeast Sulawesi | 19.2 | 46.9 | 34.0 | 8,108 |
| Gorontalo | 19.9 | 44.7 | 35.4 | 3,598 |
| West Sulawesi | 28.0 | 58.8 | 13.1 | 4,361 |
| Maluku | 17.8 | 46.3 | 35.9 | 5,673 |
| North Maluku | 37.2 | 42.0 | 20.8 | 3,955 |
| West Papua | 22.3 | 43.5 | 34.3 | 1,674 |
| Southwest Papua | 18.3 | 36.7 | 45.0 | 1,808 |
| Papua | 14.2 | 42.7 | 43.1 | 3,058 |
| South Papua | 14.7 | 51.1 | 34.1 | 1,539 |
| Central Papua | 14.5 | 46.8 | 38.7 | 4,350 |
| Highland Papua | 20.5 | 21.9 | 57.6 | 4,341 |
| INDONESIA | 30.4 | 52.2 | 17.4 | 829,573 |

¹ Salty food is food that has a predominantly salty taste or contains high levels of salt.

Table 11. 52 Proportion of Salty Food Consumption Habit in Population Aged ≥3 by Characteristic, 2023 SKI

| Characteristics | Salty Food Consumption Habit ¹ (%) | | | Weighted N |
|--|---|----------------------|--------------------|------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Age Range | | | | |
| 3 – 4 | 30.2 | 49.8 | 20.0 | 31,219 |
| 5 – 9 | 33.7 | 49.8 | 16.5 | 68,386 |
| 10-14 | 33.3 | 51.6 | 15.1 | 68,636 |
| 15-19 | 32.2 | 52.4 | 15.3 | 68,904 |
| 20-24 | 32.5 | 52.8 | 14.8 | 69,530 |
| 25-29 | 30.8 | 54.1 | 15.1 | 69,955 |
| 30-34 | 30.9 | 53.5 | 15.6 | 68,789 |
| 35-39 | 30.7 | 53.1 | 16.2 | 66,724 |
| 40-44 | 30.3 | 52.6 | 17.1 | 63,500 |
| 45-49 | 29.2 | 53.5 | 17.3 | 59,493 |
| 50-54 | 28.9 | 52.2 | 19.0 | 52,693 |
| 55-59 | 27.9 | 52.1 | 20.0 | 44,819 |
| 60-64 | 26.7 | 51.3 | 22.0 | 36,052 |
| 65 + | 24.8 | 50.5 | 24.8 | 60,872 |
| Sex | | | | |
| Male | 29.8 | 52.9 | 17.3 | 418,839 |
| Female | 31.1 | 51.5 | 17.4 | 410,734 |
| Education | | | | |
| Never attended school | 31.8 | 49.2 | 19.0 | 68,410 |
| Some primary school | 31.5 | 51.2 | 17.4 | 113,862 |
| Primary school graduate | 32.2 | 51.9 | 16.0 | 195,725 |
| Junior secondary school graduate | 31.4 | 52.6 | 16.0 | 142,574 |
| Senior secondary school graduate | 28.5 | 53.8 | 17.7 | 214,401 |
| D1/D2/D3/university graduate | 26.5 | 53.1 | 20.3 | 63,382 |
| Occupation | | | | |
| Unemployed | 31.1 | 51.2 | 17.7 | 210,895 |
| Student | 32.1 | 52.4 | 15.4 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 26.1 | 51.9 | 22.0 | 20,595 |
| Private employee | 29.0 | 54.4 | 16.6 | 75,488 |
| Self-employed | 29.5 | 53.8 | 16.7 | 100,997 |
| Farmer/farm worker | 27.0 | 53.7 | 19.3 | 106,752 |
| Fisher | 25.9 | 52.4 | 21.7 | 5,302 |
| Labor/driver/domestic help | 34.6 | 51.0 | 14.4 | 53,539 |
| Others | 27.8 | 52.4 | 19.8 | 39,843 |
| Residence | | | | |
| Urban | 31.0 | 51.9 | 17.1 | 484,838 |
| Rural | 29.6 | 52.7 | 17.7 | 344,735 |
| Economic Status | | | | |
| Lowest | 27.3 | 50.3 | 22.3 | 119,292 |
| Lower middle | 30.6 | 52.7 | 16.8 | 150,359 |
| Middle | 31.7 | 52.3 | 16.0 | 175,521 |
| Upper middle | 32.0 | 52.2 | 15.8 | 193,305 |
| Highest | 29.5 | 52.9 | 17.6 | 191,038 |

¹ Salty food is food that has a predominantly salty taste or contains high levels of salt.

Table 11. 53 Proportion of Fatty/Cholesterol/Fried Food Consumption Habits in Population Aged ≥ 3 by Province, 2023 SKI

| Province | Fatty/Cholesterol/Fried Food Consumption Habit ¹ (%) | | | Weighted N |
|--------------------|---|----------------------|--------------------|----------------|
| | ≥1 time per day | 1 – 6 times Per week | ≤3 times per month | |
| Aceh | 20.0 | 65.2 | 14.8 | 16,255 |
| North Sumatera | 20.0 | 62.2 | 17.8 | 45,584 |
| West Sumatera | 27.2 | 60.2 | 12.7 | 17,114 |
| Riau | 21.7 | 65.3 | 13.1 | 19,685 |
| Jambi | 18.4 | 67.2 | 14.3 | 10,955 |
| South Sumatera | 28.6 | 61.0 | 10.4 | 26,003 |
| Bengkulu | 22.5 | 67.6 | 9.9 | 6,210 |
| Lampung | 33.6 | 55.9 | 10.4 | 27,688 |
| Bangka Belitung | 12.3 | 68.5 | 19.1 | 4,505 |
| Riau Islands | 21.9 | 61.0 | 17.1 | 6,369 |
| DKI Jakarta | 35.7 | 53.7 | 10.6 | 31,861 |
| West Java | 51.1 | 42.7 | 6.2 | 148,411 |
| Central Java | 54.2 | 40.9 | 4.8 | 112,057 |
| DI Yogyakarta | 46.4 | 49.3 | 4.3 | 11,225 |
| East Java | 42.6 | 46.5 | 10.9 | 124,362 |
| Banten | 41.2 | 51.4 | 7.3 | 36,709 |
| Bali | 17.7 | 62.6 | 19.7 | 13,137 |
| West Nusa Tenggara | 32.0 | 54.9 | 13.1 | 16,431 |
| East Nusa Tenggara | 12.2 | 49.4 | 38.4 | 16,322 |
| West Kalimantan | 23.2 | 63.2 | 13.6 | 16,727 |
| Central Kalimantan | 27.6 | 63.8 | 8.7 | 8,225 |
| South Kalimantan | 29.6 | 60.2 | 10.2 | 12,523 |
| East Kalimantan | 29.6 | 55.5 | 14.9 | 11,651 |
| North Kalimantan | 24.3 | 64.2 | 11.5 | 2,162 |
| North Sulawesi | 29.7 | 60.2 | 10.1 | 7,994 |
| Central Sulawesi | 24.7 | 62.2 | 13.1 | 9,127 |
| South Sulawesi | 25.4 | 61.9 | 12.7 | 27,815 |
| Southeast Sulawesi | 21.3 | 62.5 | 16.3 | 8,108 |
| Gorontalo | 37.4 | 55.3 | 7.2 | 3,598 |
| West Sulawesi | 28.3 | 58.7 | 13.0 | 4,361 |
| Maluku | 23.8 | 58.4 | 17.7 | 5,673 |
| North Maluku | 39.6 | 51.1 | 9.2 | 3,955 |
| West Papua | 28.0 | 52.9 | 19.2 | 1,674 |
| Southwest Papua | 28.4 | 50.7 | 20.9 | 1,808 |
| Papua | 17.8 | 61.6 | 20.6 | 3,058 |
| South Papua | 19.9 | 55.1 | 25.1 | 1,539 |
| Central Papua | 14.9 | 60.4 | 24.7 | 4,350 |
| Highland Papua | 14.2 | 37.0 | 48.8 | 4,341 |
| INDONESIA | 37.4 | 51.7 | 11.0 | 829,573 |

¹Fatty foods contain high fat, including saturated fat, and contain cholesterol.

Table 11. 54 Proportion of Fatty/Cholesterol/Fried Food Consumption Habits in Population Aged ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Fatty/Cholesterol/Fried Food Consumption Habit ¹ (%) | | | Weighted N |
|--|---|----------------------|--------------------|------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Age Range | | | | |
| 3 – 4 | 30.0 | 52.8 | 17.2 | 31,219 |
| 5 – 9 | 36.9 | 52.1 | 11.0 | 68,386 |
| 10-14 | 39.8 | 51.4 | 8.8 | 68,636 |
| 15-19 | 39.0 | 52.4 | 8.6 | 68,904 |
| 20-24 | 37.6 | 52.5 | 9.9 | 69,530 |
| 25-29 | 38.1 | 52.6 | 9.2 | 69,955 |
| 30-34 | 38.6 | 52.0 | 9.5 | 68,789 |
| 35-39 | 39.3 | 51.2 | 9.5 | 66,724 |
| 40-44 | 38.2 | 52.2 | 9.6 | 63,500 |
| 45-49 | 38.5 | 51.2 | 10.4 | 59,493 |
| 50-54 | 37.6 | 51.2 | 11.2 | 52,693 |
| 55-59 | 36.5 | 50.5 | 12.9 | 44,819 |
| 60-64 | 35.6 | 50.4 | 14.0 | 36,052 |
| 65 + | 32.1 | 50.1 | 17.8 | 60,872 |
| Sex | | | | |
| Male | 36.7 | 52.4 | 10.9 | 418,839 |
| Female | 38.1 | 51.0 | 11.0 | 410,734 |
| Education | | | | |
| Never attended school | 35.3 | 50.2 | 14.5 | 68,410 |
| Some primary school | 37.1 | 51.5 | 11.4 | 113,862 |
| Primary school graduate | 39.6 | 50.0 | 10.4 | 195,725 |
| Junior secondary school graduate | 39.5 | 51.2 | 9.4 | 142,574 |
| Senior secondary school graduate | 36.8 | 53.1 | 10.2 | 214,401 |
| D1/D2/D3/university graduate | 34.4 | 54.3 | 11.3 | 63,382 |
| Occupation | | | | |
| Unemployed | 38.1 | 50.8 | 11.2 | 210,895 |
| Student | 38.9 | 52.2 | 8.9 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 31.5 | 55.6 | 12.9 | 20,595 |
| Private employee | 38.9 | 52.2 | 8.9 | 75,488 |
| Self-employed | 39.0 | 51.3 | 9.7 | 100,997 |
| Farmer/farm worker | 32.3 | 53.2 | 14.5 | 106,752 |
| Fisher | 31.6 | 55.4 | 13.0 | 5,302 |
| Labor/driver/domestic help | 46.2 | 46.3 | 7.4 | 53,539 |
| Others | 34.6 | 53.6 | 11.8 | 39,843 |
| Residence | | | | |
| Urban | 39.6 | 50.4 | 9.9 | 484,838 |
| Rural | 34.2 | 53.4 | 12.4 | 344,735 |
| Economic Status | | | | |
| Lowest | 33.0 | 50.7 | 16.4 | 119,292 |
| Lower middle | 37.9 | 51.8 | 10.3 | 150,359 |
| Middle | 38.8 | 51.3 | 9.9 | 175,521 |
| Upper middle | 39.3 | 51.2 | 9.5 | 193,305 |
| Highest | 36.4 | 53.0 | 10.6 | 191,038 |

¹Fatty foods contain high fat, including saturated fat, and contain cholesterol.

Table 11.55 Proportion of Roasted Food Consumption Habit in Population Aged ≥ 3 by Province, 2023 SKI

| Province | Roasted Food Consumption Habit ¹ (%) | | | Weighted N |
|--------------------|---|----------------------|--------------------|----------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Aceh | 4.3 | 49.4 | 46.3 | 16,255 |
| North Sumatera | 5.0 | 38.7 | 56.3 | 45,584 |
| West Sumatera | 3.7 | 42.3 | 54.0 | 17,114 |
| Riau | 3.4 | 52.0 | 44.7 | 19,685 |
| Jambi | 3.4 | 49.4 | 47.2 | 10,955 |
| South Sumatera | 3.9 | 47.1 | 49.0 | 26,003 |
| Bengkulu | 5.1 | 50.9 | 44.0 | 6,210 |
| Lampung | 3.2 | 38.2 | 58.6 | 27,688 |
| Bangka Belitung | 2.3 | 58.1 | 39.5 | 4,505 |
| Riau Islands | 3.6 | 45.6 | 50.8 | 6,369 |
| DKI Jakarta | 3.3 | 44.1 | 52.7 | 31,861 |
| West Java | 3.8 | 37.9 | 58.3 | 148,411 |
| Central Java | 2.8 | 33.3 | 63.9 | 112,057 |
| DI Yogyakarta | 1.9 | 30.2 | 67.9 | 11,225 |
| East Java | 2.2 | 29.4 | 68.4 | 124,362 |
| Banten | 4.2 | 52.0 | 43.8 | 36,709 |
| Bali | 1.6 | 38.3 | 60.1 | 13,137 |
| West Nusa Tenggara | 4.3 | 48.8 | 46.9 | 16,431 |
| East Nusa Tenggara | 4.0 | 41.7 | 54.3 | 16,322 |
| West Kalimantan | 2.0 | 33.0 | 65.0 | 16,727 |
| Central Kalimantan | 4.1 | 59.4 | 36.5 | 8,225 |
| South Kalimantan | 4.4 | 60.1 | 35.5 | 12,523 |
| East Kalimantan | 3.9 | 48.1 | 48.0 | 11,651 |
| North Kalimantan | 3.6 | 50.0 | 46.4 | 2,162 |
| North Sulawesi | 7.9 | 67.0 | 25.1 | 7,994 |
| Central Sulawesi | 13.5 | 62.9 | 23.6 | 9,127 |
| South Sulawesi | 7.9 | 62.9 | 29.2 | 27,815 |
| Southeast Sulawesi | 12.4 | 62.4 | 25.2 | 8,108 |
| Gorontalo | 8.0 | 74.6 | 17.5 | 3,598 |
| West Sulawesi | 11.3 | 65.1 | 23.6 | 4,361 |
| Maluku | 17.4 | 54.3 | 28.3 | 5,673 |
| North Maluku | 22.9 | 57.2 | 20.0 | 3,955 |
| West Papua | 11.5 | 49.3 | 39.2 | 1,674 |
| Southwest Papua | 9.1 | 43.5 | 47.4 | 1,808 |
| Papua | 11.6 | 55.1 | 33.3 | 3,058 |
| South Papua | 28.3 | 48.5 | 23.2 | 1,539 |
| Central Papua | 42.4 | 35.3 | 22.4 | 4,350 |
| Highland Papua | 47.1 | 39.3 | 13.6 | 4,341 |
| INDONESIA | 4.5 | 41.3 | 54.1 | 829,573 |

¹ Food that is processed by burning directly over fire.

Table 11. 56 Proportion of Roasted Food Consumption Habit in Population Aged ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Roasted Food Consumption Habit ¹ (%) | | | Weighted N |
|--|---|----------------------|--------------------|------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Age Range | | | | |
| 3 – 4 | 4.2 | 40.6 | 55.2 | 31,219 |
| 5 – 9 | 5.6 | 45.4 | 49.0 | 68,386 |
| 10-14 | 5.4 | 47.4 | 47.3 | 68,636 |
| 15-19 | 4.9 | 45.5 | 49.5 | 68,904 |
| 20-24 | 5.1 | 45.3 | 49.7 | 69,530 |
| 25-29 | 4.7 | 44.0 | 51.3 | 69,955 |
| 30-34 | 4.4 | 43.5 | 52.1 | 68,789 |
| 35-39 | 4.8 | 41.8 | 53.4 | 66,724 |
| 40-44 | 4.2 | 40.4 | 55.5 | 63,500 |
| 45-49 | 4.1 | 39.7 | 56.2 | 59,493 |
| 50-54 | 4.2 | 37.7 | 58.1 | 52,693 |
| 55-59 | 3.9 | 35.7 | 60.4 | 44,819 |
| 60-64 | 3.8 | 33.3 | 62.9 | 36,052 |
| 65 + | 3.1 | 30.0 | 67.0 | 60,872 |
| Sex | | | | |
| Male | 4.6 | 42.1 | 53.3 | 418,839 |
| Female | 4.4 | 40.6 | 55.0 | 410,734 |
| Education | | | | |
| Never attended school | 6.8 | 39.4 | 53.8 | 68,410 |
| Some primary school | 5.3 | 42.5 | 52.2 | 113,862 |
| Primary school graduate | 4.1 | 37.4 | 58.5 | 195,725 |
| Junior secondary school graduate | 4.2 | 40.8 | 55.0 | 142,574 |
| Senior secondary school graduate | 4.2 | 43.5 | 52.3 | 214,401 |
| D1/D2/D3/university graduate | 4.2 | 47.7 | 48.1 | 63,382 |
| Occupation | | | | |
| Unemployed | 4.6 | 40.0 | 55.5 | 210,895 |
| Student | 5.0 | 46.7 | 48.3 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 5.5 | 49.0 | 45.4 | 20,595 |
| Private employee | 3.1 | 43.5 | 53.4 | 75,488 |
| Self-employed | 3.9 | 41.0 | 55.1 | 100,997 |
| Farmer/farm worker | 4.8 | 34.4 | 60.8 | 106,752 |
| Fisher | 11.0 | 53.2 | 35.9 | 5,302 |
| Labor/driver/domestic help | 3.2 | 35.6 | 61.2 | 53,539 |
| Others | 5.4 | 44.1 | 50.5 | 39,843 |
| Residence | | | | |
| Urban | 3.9 | 41.6 | 54.5 | 484,838 |
| Rural | 5.5 | 40.9 | 53.6 | 344,735 |
| Economic Status | | | | |
| Lowest | 7.2 | 35.8 | 57.0 | 119,292 |
| Lower middle | 4.3 | 38.9 | 56.8 | 150,359 |
| Middle | 3.9 | 40.1 | 56.0 | 175,521 |
| Upper middle | 4.1 | 42.2 | 53.7 | 193,305 |
| Highest | 4.1 | 47.0 | 49.0 | 191,038 |

¹ Food that is processed by burning directly over fire

Table 11.57 Proportions of Consumption Habit of Processed Meat/Chicken/Fish with Preservatives among Population Aged ≥ 3 by Province, 2023 SKI

| Province | Consumption Habit of Processed Meat/Chicken/Fish with Preservatives ¹ (%) | | | Weighted N |
|--------------------|--|----------------------|--------------------|----------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Aceh | 7.9 | 37.8 | 54.3 | 16,255 |
| North Sumatera | 5.3 | 44.7 | 49.9 | 45,584 |
| West Sumatera | 5.2 | 48.6 | 46.2 | 17,114 |
| Riau | 5.4 | 54.6 | 40.0 | 19,685 |
| Jambi | 4.5 | 53.3 | 42.1 | 10,955 |
| South Sumatera | 7.9 | 47.5 | 44.6 | 26,003 |
| Bengkulu | 7.4 | 51.0 | 41.6 | 6,210 |
| Lampung | 5.0 | 44.6 | 50.4 | 27,688 |
| Bangka Belitung | 6.5 | 42.4 | 51.2 | 4,505 |
| Riau Islands | 12.1 | 55.3 | 32.6 | 6,369 |
| DKI Jakarta | 8.6 | 51.3 | 40.1 | 31,861 |
| West Java | 8.6 | 50.9 | 40.5 | 148,411 |
| Central Java | 5.4 | 43.1 | 51.6 | 112,057 |
| DI Yogyakarta | 6.7 | 42.0 | 51.4 | 11,225 |
| East Java | 5.2 | 41.0 | 53.7 | 124,362 |
| Banten | 9.4 | 56.8 | 33.7 | 36,709 |
| Bali | 11.1 | 49.7 | 39.3 | 13,137 |
| West Nusa Tenggara | 9.8 | 46.2 | 44.0 | 16,431 |
| East Nusa Tenggara | 5.8 | 29.9 | 64.3 | 16,322 |
| West Kalimantan | 7.3 | 51.5 | 41.2 | 16,727 |
| Central Kalimantan | 9.9 | 58.7 | 31.4 | 8,225 |
| South Kalimantan | 11.3 | 45.6 | 43.0 | 12,523 |
| East Kalimantan | 12.0 | 40.5 | 47.4 | 11,651 |
| North Kalimantan | 12.9 | 50.7 | 36.5 | 2,162 |
| North Sulawesi | 8.5 | 43.2 | 48.3 | 7,994 |
| Central Sulawesi | 10.1 | 35.9 | 53.9 | 9,127 |
| South Sulawesi | 16.0 | 37.9 | 46.1 | 27,815 |
| Southeast Sulawesi | 15.6 | 27.6 | 56.8 | 8,108 |
| Gorontalo | 8.7 | 24.5 | 66.8 | 3,598 |
| West Sulawesi | 16.3 | 35.4 | 48.4 | 4,361 |
| Maluku | 19.0 | 25.2 | 55.8 | 5,673 |
| North Maluku | 18.9 | 30.3 | 50.8 | 3,955 |
| West Papua | 11.5 | 45.1 | 43.3 | 1,674 |
| Southwest Papua | 11.2 | 34.1 | 54.7 | 1,808 |
| Papua | 10.0 | 47.0 | 42.9 | 3,058 |
| South Papua | 12.7 | 48.9 | 38.4 | 1,539 |
| Central Papua | 12.3 | 47.9 | 39.8 | 4,350 |
| Highland Papua | 13.6 | 32.0 | 54.4 | 4,341 |
| INDONESIA | 7.8 | 45.4 | 46.7 | 829,573 |

¹ Food from animal, through some ways of processing and adding preservatives.

Table 11. 58 Proportions of Consumption Habit of Processed Meat/Chicken/Fish with Preservatives among Population Aged ≥3 by Characteristic, 2023 SKI

| Characteristic | Consumption Habit of Processed Meat/Chicken/Fish with Preservatives ¹ (%) | | | Weighted N |
|--|--|----------------------|--------------------|------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Age Range | | | | |
| 3 – 4 | 10.3 | 53.7 | 35.9 | 31,219 |
| 5 – 9 | 11.6 | 55.4 | 33.0 | 68,386 |
| 10-14 | 10.4 | 55.3 | 34.3 | 68,636 |
| 15-19 | 8.8 | 52.4 | 38.9 | 68,904 |
| 20-24 | 8.1 | 49.0 | 43.0 | 69,530 |
| 25-29 | 8.0 | 47.2 | 44.8 | 69,955 |
| 30-34 | 7.8 | 45.4 | 46.8 | 68,789 |
| 35-39 | 7.4 | 44.9 | 47.7 | 66,724 |
| 40-44 | 6.9 | 42.4 | 50.7 | 63,500 |
| 45-49 | 6.9 | 40.9 | 52.2 | 59,493 |
| 50-54 | 5.9 | 39.0 | 55.1 | 52,693 |
| 55-59 | 5.8 | 36.5 | 57.7 | 44,819 |
| 60-64 | 5.4 | 34.7 | 59.9 | 36,052 |
| 65 + | 4.6 | 31.9 | 63.5 | 60,872 |
| Sex | | | | |
| Male | 7.7 | 45.3 | 47.0 | 418,839 |
| Female | 7.9 | 45.6 | 46.5 | 410,734 |
| Education | | | | |
| Never attended school | 9.2 | 46.1 | 44.7 | 68,410 |
| Some primary school | 9.0 | 48.9 | 42.1 | 113,862 |
| Primary school graduate | 6.2 | 41.5 | 52.3 | 195,725 |
| Junior secondary school graduate | 7.2 | 45.4 | 47.4 | 142,574 |
| Senior secondary school graduate | 7.8 | 45.8 | 46.4 | 214,401 |
| D1/D2/D3/university graduate | 9.2 | 45.3 | 45.5 | 63,382 |
| Occupation | | | | |
| Unemployed | 7.6 | 43.8 | 48.6 | 210,895 |
| Student | 9.5 | 53.9 | 36.6 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 9.5 | 44.5 | 46.0 | 20,595 |
| Private employee | 7.5 | 47.0 | 45.5 | 75,488 |
| Self-employed | 6.9 | 42.9 | 50.1 | 100,997 |
| Farmer/farm worker | 4.6 | 36.4 | 59.0 | 106,752 |
| Fisher | 11.3 | 32.2 | 56.4 | 5,302 |
| Labor/driver/domestic help | 5.7 | 41.2 | 53.0 | 53,539 |
| Others | 8.2 | 41.4 | 50.4 | 39,843 |
| Residence | | | | |
| Urban | 8.6 | 46.9 | 44.5 | 484,838 |
| Rural | 6.7 | 43.4 | 49.9 | 344,735 |
| Economic Status | | | | |
| Lowest | 5.7 | 36.3 | 58.0 | 119,292 |
| Lower middle | 6.5 | 42.4 | 51.1 | 150,359 |
| Middle | 7.3 | 45.3 | 47.4 | 175,521 |
| Upper middle | 8.1 | 48.7 | 43.2 | 193,305 |
| Highest | 10.3 | 50.4 | 39.3 | 191,038 |

¹ Food from animal, through some ways of processing and adding preservatives.

Table 11. 59 Proportion of Flavor Enhancer Consumption Habits in Population Aged ≥ 3 by Province, 2023 SKI

| Province | Flavor Enhancer Consumption Habit ¹ (%) | | | Weighted N |
|--------------------|--|----------------------|--------------------|----------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Aceh | 30.1 | 34.7 | 35.3 | 16,255 |
| North Sumatera | 38.0 | 29.9 | 32.2 | 45,584 |
| West Sumatera | 54.8 | 25.7 | 19.5 | 17,114 |
| Riau | 69.8 | 21.5 | 8.7 | 19,685 |
| Jambi | 57.0 | 31.5 | 11.5 | 10,955 |
| South Sumatera | 73.3 | 17.3 | 9.3 | 26,003 |
| Bengkulu | 79.0 | 15.7 | 5.4 | 6,210 |
| Lampung | 76.4 | 17.7 | 6.0 | 27,688 |
| Bangka Belitung | 69.4 | 19.5 | 11.1 | 4,505 |
| Riau Islands | 73.9 | 19.6 | 6.5 | 6,369 |
| DKI Jakarta | 79.0 | 15.7 | 5.3 | 31,861 |
| West Java | 86.5 | 10.2 | 3.3 | 148,411 |
| Central Java | 84.9 | 10.0 | 5.1 | 112,057 |
| DI Yogyakarta | 78.0 | 12.8 | 9.3 | 11,225 |
| East Java | 74.6 | 15.1 | 10.3 | 124,362 |
| Banten | 79.1 | 16.0 | 5.0 | 36,709 |
| Bali | 67.8 | 26.1 | 6.1 | 13,137 |
| West Nusa Tenggara | 78.6 | 15.4 | 6.0 | 16,431 |
| East Nusa Tenggara | 71.2 | 15.0 | 13.8 | 16,322 |
| West Kalimantan | 72.7 | 20.9 | 6.4 | 16,727 |
| Central Kalimantan | 62.1 | 30.9 | 7.0 | 8,225 |
| South Kalimantan | 71.6 | 22.3 | 6.1 | 12,523 |
| East Kalimantan | 76.4 | 17.3 | 6.3 | 11,651 |
| North Kalimantan | 64.7 | 26.3 | 9.0 | 2,162 |
| North Sulawesi | 61.8 | 26.1 | 12.1 | 7,994 |
| Central Sulawesi | 73.1 | 17.4 | 9.5 | 9,127 |
| South Sulawesi | 73.4 | 18.0 | 8.6 | 27,815 |
| Southeast Sulawesi | 69.5 | 18.1 | 12.4 | 8,108 |
| Gorontalo | 71.6 | 18.2 | 10.3 | 3,598 |
| West Sulawesi | 65.5 | 23.8 | 10.7 | 4,361 |
| Maluku | 71.4 | 19.0 | 9.7 | 5,673 |
| North Maluku | 63.8 | 27.1 | 9.1 | 3,955 |
| West Papua | 64.3 | 19.7 | 16.0 | 1,674 |
| Southwest Papua | 70.1 | 14.9 | 14.9 | 1,808 |
| Papua | 55.1 | 27.1 | 17.8 | 3,058 |
| South Papua | 64.1 | 22.6 | 13.3 | 1,539 |
| Central Papua | 37.7 | 39.1 | 23.1 | 4,350 |
| Highland Papua | 51.7 | 17.9 | 30.4 | 4,341 |
| INDONESIA | 73.8 | 16.8 | 9.4 | 829,573 |

¹Flavor enhancer includes MSG, instant broth, and other gourmet powder

Table 11. 60 Proportion of Flavor Enhancer Consumption Habits in Population Aged ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Flavor Enhancer Consumption Habit ¹ (%) | | | Weighted N |
|--|--|---------------------|-------------------|------------|
| | ≥1 time per day | 1 – 6 time per week | ≤3 time per month | |
| Age Range | | | | |
| 3 – 4 | 68.1 | 18.4 | 13.5 | 31,219 |
| 5 – 9 | 73.6 | 17.1 | 9.2 | 68,386 |
| 10-14 | 74.5 | 17.1 | 8.5 | 68,636 |
| 15-19 | 75.0 | 16.9 | 8.2 | 68,904 |
| 20-24 | 74.8 | 16.9 | 8.3 | 69,530 |
| 25-29 | 75.4 | 16.3 | 8.3 | 69,955 |
| 30-34 | 75.5 | 16.3 | 8.2 | 68,789 |
| 35-39 | 75.4 | 16.5 | 8.1 | 66,724 |
| 40-44 | 75.2 | 16.4 | 8.4 | 63,500 |
| 45-49 | 74.9 | 16.3 | 8.9 | 59,493 |
| 50-54 | 74.0 | 16.6 | 9.4 | 52,693 |
| 55-59 | 72.8 | 16.6 | 10.6 | 44,819 |
| 60-64 | 71.1 | 17.0 | 11.9 | 36,052 |
| 65 + | 68.0 | 17.5 | 14.5 | 60,872 |
| Sex | | | | |
| Male | 73.1 | 17.3 | 9.6 | 418,839 |
| Female | 74.5 | 16.3 | 9.3 | 410,734 |
| Education | | | | |
| Never attended school | 71.5 | 17.1 | 11.3 | 68,410 |
| Some primary school | 73.0 | 17.4 | 9.6 | 113,862 |
| Primary school graduate | 75.8 | 15.8 | 8.4 | 195,725 |
| Junior secondary school graduate | 76.0 | 16.0 | 8.1 | 142,574 |
| Senior secondary school graduate | 73.8 | 17.1 | 9.1 | 214,401 |
| D1/D2/D3/university graduate | 69.3 | 18.4 | 12.4 | 63,382 |
| Occupation | | | | |
| Unemployed | 74.9 | 16.0 | 9.1 | 210,895 |
| Student | 74.1 | 17.5 | 8.4 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 66.9 | 19.8 | 13.3 | 20,595 |
| Private employee | 76.8 | 16.1 | 7.1 | 75,488 |
| Self-employed | 73.4 | 17.0 | 9.5 | 100,997 |
| Farmer/farm worker | 70.1 | 18.0 | 12.0 | 106,752 |
| Fisher | 68.9 | 20.2 | 10.9 | 5,302 |
| Labor/driver/domestic help | 81.5 | 12.8 | 5.8 | 53,539 |
| Others | 70.6 | 18.3 | 11.1 | 39,843 |
| Residence | | | | |
| Urban | 75.1 | 16.3 | 8.6 | 484,838 |
| Rural | 71.9 | 17.5 | 10.6 | 344,735 |
| Economic Status | | | | |
| Lowest | 70.4 | 17.2 | 12.4 | 119,292 |
| Lower middle | 74.2 | 16.5 | 9.3 | 150,359 |
| Middle | 75.1 | 16.5 | 8.4 | 175,521 |
| Upper middle | 75.5 | 16.4 | 8.2 | 193,305 |
| Highest | 72.8 | 17.5 | 9.8 | 191,038 |

¹Flavor enhancer includes MSG, instant broth, and other gourmet powder

Table 11. 61 Proportion of Soft Drink or Carbonated Drink Consumption Habit in Population Aged ≥ 3 by Province, 2023 SKI

| Province | Soft Drink or Carbonated Drink Consumption Habit ¹ (%) | | | Weighted N |
|--------------------|---|----------------------|--------------------|----------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Aceh | 2.5 | 17.5 | 80.0 | 16,255 |
| North Sumatera | 2.6 | 14.8 | 82.6 | 45,584 |
| West Sumatera | 2.3 | 12.2 | 85.5 | 17,114 |
| Riau | 3.1 | 15.2 | 81.6 | 19,685 |
| Jambi | 2.0 | 16.9 | 81.2 | 10,955 |
| South Sumatera | 2.6 | 11.6 | 85.8 | 26,003 |
| Bengkulu | 3.3 | 13.1 | 83.6 | 6,210 |
| Lampung | 3.2 | 12.2 | 84.6 | 27,688 |
| Bangka Belitung | 2.3 | 16.3 | 81.4 | 4,505 |
| Riau Islands | 2.1 | 14.3 | 83.6 | 6,369 |
| DKI Jakarta | 1.5 | 11.1 | 87.3 | 31,861 |
| West Java | 2.6 | 11.6 | 85.8 | 148,411 |
| Central Java | 1.6 | 7.2 | 91.2 | 112,057 |
| DI Yogyakarta | 1.3 | 5.4 | 93.3 | 11,225 |
| East Java | 1.3 | 6.4 | 92.3 | 124,362 |
| Banten | 2.4 | 12.6 | 85.1 | 36,709 |
| Bali | 1.7 | 17.2 | 81.1 | 13,137 |
| West Nusa Tenggara | 2.7 | 14.7 | 82.7 | 16,431 |
| East Nusa Tenggara | 3.4 | 10.8 | 85.8 | 16,322 |
| West Kalimantan | 2.4 | 19.8 | 77.8 | 16,727 |
| Central Kalimantan | 3.0 | 25.4 | 71.7 | 8,225 |
| South Kalimantan | 2.6 | 13.2 | 84.3 | 12,523 |
| East Kalimantan | 2.9 | 11.6 | 85.5 | 11,651 |
| North Kalimantan | 2.4 | 17.2 | 80.4 | 2,162 |
| North Sulawesi | 3.8 | 23.2 | 72.9 | 7,994 |
| Central Sulawesi | 4.7 | 16.3 | 79.0 | 9,127 |
| South Sulawesi | 3.5 | 15.9 | 80.7 | 27,815 |
| Southeast Sulawesi | 5.2 | 15.6 | 79.3 | 8,108 |
| Gorontalo | 4.8 | 22.9 | 72.3 | 3,598 |
| West Sulawesi | 3.5 | 13.9 | 82.7 | 4,361 |
| Maluku | 6.1 | 19.5 | 74.4 | 5,673 |
| North Maluku | 10.0 | 27.5 | 62.5 | 3,955 |
| West Papua | 6.2 | 28.0 | 65.7 | 1,674 |
| Southwest Papua | 5.6 | 14.0 | 80.4 | 1,808 |
| Papua | 4.9 | 26.0 | 69.1 | 3,058 |
| South Papua | 5.4 | 22.6 | 72.0 | 1,539 |
| Central Papua | 6.8 | 28.7 | 64.5 | 4,350 |
| Highland Papua | 8.9 | 13.9 | 77.2 | 4,341 |
| INDONESIA | 2.5 | 11.9 | 85.6 | 829,573 |

¹soft drink or carbonated drink

Table 11. 62 Proportion of Consumption Habit of Soft Drink or Carbonated Drink in Population Aged ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Consumption Habit of Soft Drink Or Carbonated Drink ¹ (%) | | | Weighted N |
|--|--|----------------------|--------------------|------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Age Range | | | | |
| 3 – 4 | 1.9 | 6.7 | 91.3 | 31,219 |
| 5 – 9 | 2.8 | 10.6 | 86.6 | 68,386 |
| 10-14 | 3.2 | 16.0 | 80.9 | 68,636 |
| 15-19 | 3.2 | 20.3 | 76.5 | 68,904 |
| 20-24 | 3.4 | 19.6 | 77.0 | 69,530 |
| 25-29 | 2.9 | 15.4 | 81.8 | 69,955 |
| 30-34 | 2.5 | 13.0 | 84.5 | 68,789 |
| 35-39 | 2.4 | 11.7 | 86.0 | 66,724 |
| 40-44 | 2.1 | 10.4 | 87.4 | 63,500 |
| 45-49 | 1.9 | 9.6 | 88.5 | 59,493 |
| 50-54 | 1.9 | 8.0 | 90.1 | 52,693 |
| 55-59 | 1.8 | 6.5 | 91.6 | 44,819 |
| 60-64 | 1.6 | 4.9 | 93.4 | 36,052 |
| 65 + | 1.6 | 3.8 | 94.6 | 60,872 |
| Sex | | | | |
| Male | 2.7 | 14.8 | 82.5 | 418,839 |
| Female | 2.2 | 9.0 | 88.7 | 410,734 |
| Education | | | | |
| Never attended school | 2.8 | 9.5 | 87.7 | 68,410 |
| Some primary school | 2.7 | 11.8 | 85.5 | 113,862 |
| Primary school graduate | 2.3 | 10.6 | 87.1 | 195,725 |
| Junior secondary school graduate | 2.6 | 13.7 | 83.7 | 142,574 |
| Senior secondary school graduate | 2.4 | 13.8 | 83.7 | 214,401 |
| D1/D2/D3/university graduate | 2.1 | 11.2 | 86.7 | 63,382 |
| Occupation | | | | |
| Unemployed | 2.4 | 10.0 | 87.5 | 210,895 |
| Student | 3.1 | 18.0 | 78.9 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 2.3 | 11.4 | 86.2 | 20,595 |
| Private employee | 2.2 | 13.5 | 84.3 | 75,488 |
| Self-employed | 2.3 | 12.3 | 85.4 | 100,997 |
| Farmer/farm worker | 2.0 | 9.4 | 88.6 | 106,752 |
| Fisher | 3.2 | 16.7 | 80.1 | 5,302 |
| Labor/driver/domestic help | 2.6 | 13.4 | 84.0 | 53,539 |
| Others | 2.6 | 11.2 | 86.2 | 39,843 |
| Residence | | | | |
| Urban | 2.4 | 11.7 | 86.0 | 484,838 |
| Rural | 2.6 | 12.3 | 85.1 | 344,735 |
| Economic Status | | | | |
| Lowest | 2.9 | 11.0 | 86.2 | 119,292 |
| Lower middle | 2.5 | 11.9 | 85.6 | 150,359 |
| Middle | 2.5 | 12.1 | 85.4 | 175,521 |
| Upper middle | 2.4 | 12.1 | 85.5 | 193,305 |
| Highest | 2.3 | 12.2 | 85.5 | 191,038 |

¹soft drink or carbonated drink

Table 11. 63 Proportion of Energy Drink Consumption Habits in Population Aged ≥ 3 by Province, 2023 SKI

| Province | Energy Drink Consumption Habit ¹ (%) | | | Weighted N |
|--------------------|---|----------------------|--------------------|----------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Aceh | 2.5 | 15.0 | 82.5 | 16,255 |
| North Sumatera | 2.1 | 9.4 | 88.6 | 45,584 |
| West Sumatera | 1.4 | 6.5 | 92.1 | 17,114 |
| Riau | 1.9 | 10.3 | 87.7 | 19,685 |
| Jambi | 1.5 | 10.9 | 87.6 | 10,955 |
| South Sumatera | 1.5 | 7.5 | 91.0 | 26,003 |
| Bengkulu | 1.8 | 9.2 | 89.0 | 6,210 |
| Lampung | 2.0 | 8.1 | 89.9 | 27,688 |
| Bangka Belitung | 2.0 | 10.4 | 87.6 | 4,505 |
| Riau Islands | 1.4 | 9.1 | 89.5 | 6,369 |
| DKI Jakarta | 0.9 | 4.7 | 94.3 | 31,861 |
| West Java | 1.5 | 5.7 | 92.8 | 148,411 |
| Central Java | 0.9 | 3.2 | 95.9 | 112,057 |
| DI Yogyakarta | 0.8 | 1.1 | 98.1 | 11,225 |
| East Java | 0.8 | 3.4 | 95.7 | 124,362 |
| Banten | 1.4 | 6.5 | 92.2 | 36,709 |
| Bali | 0.7 | 7.2 | 92.1 | 13,137 |
| West Nusa Tenggara | 1.4 | 7.7 | 90.9 | 16,431 |
| East Nusa Tenggara | 2.7 | 9.9 | 87.4 | 16,322 |
| West Kalimantan | 1.1 | 13.4 | 85.5 | 16,727 |
| Central Kalimantan | 2.3 | 18.9 | 78.8 | 8,225 |
| South Kalimantan | 2.3 | 9.3 | 88.4 | 12,523 |
| East Kalimantan | 1.7 | 6.8 | 91.5 | 11,651 |
| North Kalimantan | 2.0 | 11.2 | 86.8 | 2,162 |
| North Sulawesi | 2.1 | 11.9 | 86.0 | 7,994 |
| Central Sulawesi | 3.0 | 10.3 | 86.7 | 9,127 |
| South Sulawesi | 2.5 | 9.6 | 87.9 | 27,815 |
| Southeast Sulawesi | 4.0 | 11.9 | 84.1 | 8,108 |
| Gorontalo | 3.0 | 16.8 | 80.2 | 3,598 |
| West Sulawesi | 2.1 | 10.5 | 87.4 | 4,361 |
| Maluku | 5.5 | 18.5 | 76.0 | 5,673 |
| North Maluku | 8.4 | 24.6 | 67.0 | 3,955 |
| West Papua | 7.4 | 23.9 | 68.7 | 1,674 |
| Southwest Papua | 4.6 | 12.0 | 83.4 | 1,808 |
| Papua | 4.8 | 21.5 | 73.7 | 3,058 |
| South Papua | 4.9 | 21.5 | 73.6 | 1,539 |
| Central Papua | 8.5 | 24.2 | 67.3 | 4,350 |
| Highland Papua | 8.1 | 13.3 | 78.6 | 4,341 |
| INDONESIA | 1.6 | 7.1 | 91.3 | 829,573 |

¹ Drinks that contain caffeine as an energy source.

Table 11. 64 Proportion of Energy Drink Consumption Habits in Population Aged ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Energy Drink Consumption Habit ¹ (%) | | | Weighted N |
|--|---|----------------------|--------------------|------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Age Range | | | | |
| 3 – 4 | 1.4 | 3.2 | 95.4 | 31,219 |
| 5 – 9 | 1.4 | 4.2 | 94.4 | 68,386 |
| 10-14 | 1.7 | 6.0 | 92.3 | 68,636 |
| 15-19 | 2.1 | 9.7 | 88.2 | 68,904 |
| 20-24 | 2.1 | 11.7 | 86.2 | 69,530 |
| 25-29 | 1.9 | 10.1 | 88.0 | 69,955 |
| 30-34 | 1.7 | 9.0 | 89.2 | 68,789 |
| 35-39 | 1.8 | 8.1 | 90.1 | 66,724 |
| 40-44 | 1.5 | 7.5 | 91.0 | 63,500 |
| 45-49 | 1.5 | 7.1 | 91.4 | 59,493 |
| 50-54 | 1.5 | 6.0 | 92.5 | 52,693 |
| 55-59 | 1.4 | 5.0 | 93.6 | 44,819 |
| 60-64 | 1.3 | 3.6 | 95.1 | 36,052 |
| 65 + | 1.2 | 2.8 | 96.0 | 60,872 |
| Sex | | | | |
| Male | 1.9 | 9.9 | 88.2 | 418,839 |
| Female | 1.4 | 4.2 | 94.4 | 410,734 |
| Education | | | | |
| Never attended school | 1.9 | 5.3 | 92.8 | 68,410 |
| Some primary school | 1.7 | 5.7 | 92.6 | 113,862 |
| Primary school graduate | 1.6 | 6.7 | 91.8 | 195,725 |
| Junior secondary school graduate | 1.7 | 8.5 | 89.8 | 142,574 |
| Senior secondary school graduate | 1.7 | 8.6 | 89.7 | 214,401 |
| D1/D2/D3/university graduate | 1.5 | 6.5 | 92.0 | 63,382 |
| Occupation | | | | |
| Unemployed | 1.7 | 5.7 | 92.6 | 210,895 |
| Student | 1.7 | 7.8 | 90.5 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 1.8 | 7.9 | 90.3 | 20,595 |
| Private employee | 1.3 | 7.8 | 90.9 | 75,488 |
| Self-employed | 1.7 | 8.6 | 89.7 | 100,997 |
| Farmer/farm worker | 1.7 | 8.3 | 90.0 | 106,752 |
| Fisher | 3.0 | 14.3 | 82.7 | 5,302 |
| Labor/driver/domestic help | 1.8 | 9.7 | 88.5 | 53,539 |
| Others | 1.8 | 7.6 | 90.6 | 39,843 |
| Residence | | | | |
| Urban | 1.5 | 6.2 | 92.3 | 484,838 |
| Rural | 1.8 | 8.4 | 89.8 | 344,735 |
| Economic Status | | | | |
| Lowest | 2.2 | 8.1 | 89.7 | 119,292 |
| Lower middle | 1.6 | 7.8 | 90.5 | 150,359 |
| Middle | 1.6 | 7.3 | 91.1 | 175,521 |
| Upper middle | 1.5 | 6.8 | 91.7 | 193,305 |
| Highest | 1.5 | 6.0 | 92.5 | 191,038 |

¹ Drinks that contain caffeine as an energy source.

Table 11. 65 Proportion of Instant Noodle/Other Instant Food Consumption Habit in Population Aged ≥ 3 by Province, 2023 SKI

| Province | Instant Noodle/Other Instant Food Consumption Habit ¹ (%) | | | Weighted N |
|--------------------|--|----------------------|--------------------|----------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Aceh | 9.6 | 63.3 | 27.1 | 16,255 |
| North Sumatera | 4.9 | 58.8 | 36.3 | 45,584 |
| West Sumatera | 3.3 | 52.0 | 44.7 | 17,114 |
| Riau | 5.1 | 64.7 | 30.2 | 19,685 |
| Jambi | 5.3 | 63.6 | 31.0 | 10,955 |
| South Sumatera | 9.5 | 72.0 | 18.5 | 26,003 |
| Bengkulu | 5.0 | 61.5 | 33.5 | 6,210 |
| Lampung | 4.5 | 59.5 | 36.0 | 27,688 |
| Bangka Belitung | 5.5 | 64.6 | 29.9 | 4,505 |
| Riau Islands | 3.8 | 60.4 | 35.8 | 6,369 |
| DKI Jakarta | 4.9 | 64.9 | 30.2 | 31,861 |
| West Java | 7.3 | 66.1 | 26.7 | 148,411 |
| Central Java | 3.1 | 57.3 | 39.6 | 112,057 |
| DI Yogyakarta | 2.5 | 56.5 | 41.0 | 11,225 |
| East Java | 2.9 | 52.5 | 44.6 | 124,362 |
| Banten | 6.2 | 63.5 | 30.3 | 36,709 |
| Bali | 3.2 | 57.7 | 39.0 | 13,137 |
| West Nusa Tenggara | 7.6 | 65.2 | 27.1 | 16,431 |
| East Nusa Tenggara | 7.4 | 57.8 | 34.8 | 16,322 |
| West Kalimantan | 6.5 | 68.1 | 25.5 | 16,727 |
| Central Kalimantan | 8.6 | 67.6 | 23.9 | 8,225 |
| South Kalimantan | 6.5 | 66.3 | 27.2 | 12,523 |
| East Kalimantan | 7.8 | 64.1 | 28.1 | 11,651 |
| North Kalimantan | 8.4 | 65.2 | 26.4 | 2,162 |
| North Sulawesi | 5.3 | 53.0 | 41.7 | 7,994 |
| Central Sulawesi | 8.0 | 63.2 | 28.8 | 9,127 |
| South Sulawesi | 11.4 | 63.8 | 24.8 | 27,815 |
| Southeast Sulawesi | 15.2 | 60.9 | 24.0 | 8,108 |
| Gorontalo | 5.0 | 52.9 | 42.0 | 3,598 |
| West Sulawesi | 9.4 | 63.4 | 27.2 | 4,361 |
| Maluku | 12.3 | 58.6 | 29.0 | 5,673 |
| North Maluku | 18.2 | 60.3 | 21.5 | 3,955 |
| West Papua | 13.6 | 58.3 | 28.1 | 1,674 |
| Southwest Papua | 9.9 | 59.1 | 31.0 | 1,808 |
| Papua | 11.7 | 60.5 | 27.8 | 3,058 |
| South Papua | 15.4 | 58.1 | 26.5 | 1,539 |
| Central Papua | 16.0 | 58.0 | 26.0 | 4,350 |
| Highland Papua | 17.3 | 45.0 | 37.7 | 4,341 |
| INDONESIA | 5.9 | 60.7 | 33.4 | 829,573 |

¹Instant food includes instant noodle, instant porridge, and other instant foods.

Table 11. 66 Proportion of Instant Noodle/Other Instant Food Consumption Habit in Population Aged ≥ 3 by Characteristic, 2023 SKI

| Characteristic | Instant Noodle/Other Instant Food Consumption Habit ¹ (%) | | | Weighted N |
|--|--|----------------------|--------------------|------------|
| | ≥1 time per day | 1 – 6 times per week | ≤3 times per month | |
| Age Range | | | | |
| 3 – 4 | 4.7 | 56.2 | 39.1 | 31,219 |
| 5 – 9 | 7.0 | 68.0 | 25.0 | 68,386 |
| 10-14 | 8.5 | 71.5 | 20.0 | 68,636 |
| 15-19 | 8.7 | 71.6 | 19.7 | 68,904 |
| 20-24 | 7.6 | 68.8 | 23.5 | 69,530 |
| 25-29 | 6.1 | 67.2 | 26.7 | 69,955 |
| 30-34 | 5.9 | 64.8 | 29.3 | 68,789 |
| 35-39 | 5.5 | 64.1 | 30.4 | 66,724 |
| 40-44 | 5.4 | 60.7 | 33.9 | 63,500 |
| 45-49 | 4.8 | 57.7 | 37.5 | 59,493 |
| 50-54 | 4.6 | 52.1 | 43.3 | 52,693 |
| 55-59 | 3.9 | 46.9 | 49.2 | 44,819 |
| 60-64 | 3.6 | 42.1 | 54.2 | 36,052 |
| 65 + | 3.0 | 36.6 | 60.4 | 60,872 |
| Sex | | | | |
| Male | 6.2 | 62.5 | 31.3 | 418,839 |
| Female | 5.6 | 58.8 | 35.6 | 410,734 |
| Education | | | | |
| Never attended school | 6.9 | 58.7 | 34.4 | 68,410 |
| Some primary school | 7.1 | 63.7 | 29.2 | 113,862 |
| Primary school graduate | 5.6 | 57.6 | 36.8 | 195,725 |
| Junior secondary school graduate | 6.6 | 63.3 | 30.1 | 142,574 |
| Senior secondary school graduate | 5.5 | 63.0 | 31.5 | 214,401 |
| D1/D2/D3/university/graduate | 4.1 | 55.6 | 40.3 | 63,382 |
| Occupation | | | | |
| Unemployed | 6.0 | 58.1 | 35.9 | 210,895 |
| Student | 8.1 | 71.4 | 20.5 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 4.3 | 52.0 | 43.7 | 20,595 |
| Private employee | 4.4 | 64.0 | 31.6 | 75,488 |
| Self-employed | 4.9 | 57.8 | 37.2 | 100,997 |
| Farmer/farm worker | 5.0 | 53.6 | 41.4 | 106,752 |
| Fisher | 8.7 | 60.7 | 30.6 | 5,302 |
| Labor/driver/domestic help | 6.0 | 62.3 | 31.7 | 53,539 |
| Others | 6.1 | 56.5 | 37.4 | 39,843 |
| Residence | | | | |
| Urban | 5.6 | 60.7 | 33.8 | 484,838 |
| Rural | 6.4 | 60.8 | 32.9 | 344,735 |
| Economic Status | | | | |
| Lowest | 7.1 | 58.0 | 34.9 | 119,292 |
| Lower Middle | 6.5 | 61.0 | 32.5 | 150,359 |
| Middle | 6.3 | 61.9 | 31.8 | 175,521 |
| Upper Middle | 5.6 | 62.5 | 31.9 | 193,305 |
| Highest | 4.7 | 59.3 | 36.1 | 191,038 |

¹Instant food includes instant noodle, instant porridge, and other instant foods.

Table 11. 67 Proportion of Reason for Consuming Risky Food in Population Aged ≥3 by Province, 2023 SKI

| Province | Reason for Consuming Risky Food ¹ (%) | | | | Weighted N |
|--------------------|--|-------------|-------------|------------------------------------|----------------|
| | Delicious | Easy to get | Cheaper | Not aware of its harms and dangers | |
| Aceh | 97.2 | 94.4 | 83.5 | 50.1 | 16,255 |
| North Sumatera | 96.1 | 86.7 | 75.9 | 44.6 | 45,584 |
| West Sumatera | 97.0 | 92.2 | 79.7 | 38.8 | 17,114 |
| Riau | 97.5 | 92.4 | 79.8 | 43.1 | 19,685 |
| Jambi | 97.9 | 92.2 | 81.9 | 51.9 | 10,955 |
| South Sumatera | 97.3 | 94.7 | 86.4 | 56.8 | 26,003 |
| Bengkulu | 97.2 | 89.7 | 74.2 | 39.6 | 6,210 |
| Lampung | 95.8 | 88.8 | 76.7 | 49.0 | 27,688 |
| Bangka Belitung | 97.2 | 90.5 | 78.7 | 51.3 | 4,505 |
| Riau Islands | 96.7 | 88.5 | 76.3 | 32.5 | 6,369 |
| DKI Jakarta | 95.9 | 89.6 | 67.7 | 24.4 | 31,861 |
| West Java | 97.4 | 95.2 | 86.5 | 44.6 | 148,411 |
| Central Java | 96.0 | 92.3 | 78.8 | 43.3 | 112,057 |
| DI Yogyakarta | 95.7 | 89.2 | 75.9 | 24.5 | 11,225 |
| East Java | 94.6 | 89.1 | 75.9 | 39.7 | 124,362 |
| Banten | 97.3 | 91.6 | 81.3 | 47.8 | 36,709 |
| Bali | 94.8 | 88.4 | 70.1 | 30.2 | 13,137 |
| West Nusa Tenggara | 96.1 | 92.3 | 82.9 | 47.6 | 16,431 |
| East Nusa Tenggara | 94.4 | 87.7 | 75.4 | 49.7 | 16,322 |
| West Kalimantan | 95.7 | 91.8 | 73.3 | 46.9 | 16,727 |
| Central Kalimantan | 97.1 | 93.7 | 83.0 | 57.3 | 8,225 |
| South Kalimantan | 97.5 | 90.7 | 80.0 | 51.1 | 12,523 |
| East Kalimantan | 96.6 | 91.5 | 78.9 | 34.4 | 11,651 |
| North Kalimantan | 96.8 | 94.2 | 76.2 | 43.9 | 2,162 |
| North Sulawesi | 95.1 | 89.3 | 75.6 | 39.5 | 7,994 |
| Central Sulawesi | 95.1 | 90.2 | 81.1 | 44.3 | 9,127 |
| South Sulawesi | 96.1 | 92.4 | 81.7 | 41.3 | 27,815 |
| Southeast Sulawesi | 96.2 | 93.4 | 85.2 | 50.9 | 8,108 |
| Gorontalo | 96.1 | 92.9 | 83.5 | 53.2 | 3,598 |
| West Sulawesi | 97.1 | 94.9 | 84.3 | 46.2 | 4,361 |
| Maluku | 95.7 | 91.1 | 81.8 | 43.6 | 5,673 |
| North Maluku | 96.8 | 94.9 | 88.3 | 49.7 | 3,955 |
| West Papua | 96.4 | 89.2 | 79.7 | 47.5 | 1,674 |
| Southwest Papua | 92.4 | 87.8 | 78.3 | 36.1 | 1,808 |
| Papua | 92.8 | 90.0 | 76.3 | 47.6 | 3,058 |
| South Papua | 95.7 | 90.3 | 73.3 | 49.8 | 1,539 |
| Central Papua | 90.8 | 71.1 | 58.5 | 47.8 | 4,350 |
| Highland Papua | 89.4 | 62.3 | 48.4 | 45.1 | 4,341 |
| INDONESIA | 96.2 | 91.3 | 79.3 | 43.3 | 829,573 |

¹Sweet foods, sweet drinks, salty foods, fatty/cholesterol/fried foods, roasted foods, processed meat/chicken/fish with preservatives, seasonings, soft drinks or carbonated drinks, energy drinks, and instant noodles/other instant foods.

Table 11. 68 Proportion of Reason for Consuming Risky Food in Population Aged ≥3 by Characteristic, 2023 SKI

| Characteristic | Reason for Consuming Risky Food ¹ (%) | | | | Weighted N |
|--|--|-------------|---------|------------------------------------|------------|
| | Delicious | Easy to get | Cheaper | Not aware of its harms and dangers | |
| Age Range | | | | | |
| 3 – 4 | 96.5 | 88.3 | 75.2 | 44.8 | 31,219 |
| 5 – 9 | 97.8 | 89.9 | 77.7 | 45.8 | 68,386 |
| 10-14 | 98.0 | 91.0 | 80.0 | 45.4 | 68,636 |
| 15-19 | 97.6 | 92.3 | 81.3 | 44.2 | 68,904 |
| 20-24 | 97.0 | 92.5 | 81.1 | 43.5 | 69,530 |
| 25-29 | 96.7 | 92.4 | 80.2 | 43.2 | 69,955 |
| 30-34 | 96.4 | 92.3 | 80.3 | 42.5 | 68,789 |
| 35-39 | 96.4 | 92.4 | 80.0 | 43.3 | 66,724 |
| 40-44 | 96.0 | 92.2 | 80.0 | 43.1 | 63,500 |
| 45-49 | 95.7 | 91.4 | 79.4 | 42.3 | 59,493 |
| 50-54 | 95.3 | 91.3 | 78.9 | 42.0 | 52,693 |
| 55-59 | 94.5 | 90.7 | 78.3 | 41.9 | 44,819 |
| 60-64 | 93.9 | 90.1 | 77.6 | 41.8 | 36,052 |
| 65 + | 92.4 | 88.8 | 76.7 | 41.5 | 60,872 |
| Sex | | | | | |
| Male | 96.3 | 91.4 | 79.6 | 43.9 | 418,839 |
| Female | 96.1 | 91.2 | 79.1 | 42.7 | 410,734 |
| Education | | | | | |
| Never attended school | 95.7 | 88.6 | 77.0 | 46.0 | 68,410 |
| Some primary school | 96.6 | 90.4 | 78.6 | 45.5 | 113,862 |
| Primary school graduate | 96.0 | 91.9 | 81.1 | 45.9 | 195,725 |
| Junior secondary school graduate | 96.5 | 92.4 | 81.3 | 44.4 | 142,574 |
| Senior secondary school graduate | 96.2 | 92.0 | 79.1 | 40.2 | 214,401 |
| D1/D2/D3/university/graduate | 95.1 | 90.8 | 75.8 | 35.8 | 63,382 |
| Occupation | | | | | |
| Unemployed | 95.8 | 91.4 | 79.9 | 43.1 | 210,895 |
| Student | 97.8 | 91.6 | 80.2 | 43.9 | 116,558 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 94.8 | 90.9 | 75.9 | 37.6 | 20,595 |
| Private employee | 96.1 | 92.0 | 77.7 | 36.5 | 75,488 |
| Self-employed | 95.9 | 91.9 | 79.5 | 42.9 | 100,997 |
| Farmer/farm worker | 94.9 | 90.3 | 79.0 | 46.9 | 106,752 |
| Fisher | 96.3 | 92.5 | 81.5 | 47.5 | 5,302 |
| Labor/driver/domestic help | 96.4 | 93.3 | 82.8 | 44.2 | 53,539 |
| Others | 95.1 | 91.6 | 79.5 | 42.9 | 39,843 |
| Residence | | | | | |
| Urban | 96.2 | 91.5 | 78.8 | 40.3 | 484,838 |
| Rural | 96.1 | 91.1 | 80.0 | 47.6 | 344,735 |
| Economic Status | | | | | |
| Lowest | 95.0 | 89.3 | 78.5 | 47.7 | 119,292 |
| Lower Middle | 96.1 | 91.6 | 80.9 | 46.3 | 150,359 |
| Middle | 96.6 | 91.9 | 81.1 | 44.7 | 175,521 |
| Upper Middle | 96.6 | 92.1 | 80.2 | 42.6 | 193,305 |
| Highest | 96.1 | 90.9 | 76.0 | 37.6 | 191,038 |

¹Sweet foods, sweet drinks, salty foods, fatty/cholesterol/fried foods, roasted foods, processed meat/chicken/fish with preservatives, seasonings, soft drinks or carbonated drinks, energy drinks, and instant noodles/other instant foods.

11.7 FRUIT AND VEGETABLES CONSUMPTION

The population's behavior in consuming fruit and vegetables was measured on the frequency and portions of consuming fruit and vegetable among household members aged 5 years and above. It was conducted by calculating the number of days of consumption in a week and the average number of portions in a day. The instrument employed to collect data on fruit and vegetables consumption is STEP wise instrument from the World Health Organization (WHO). Population is categorized as having "sufficient" fruit and vegetables consumption if they consume vegetables and/or fruit (a combination of vegetables and fruit) at least 5 portions per day for 7 days a week. It is categorized as 'deficient' if the vegetables and fruit consumption is less than the provisions above:

- a. Proportion of fresh fruit and/or vegetables per day in a week

$$= \frac{\sum_{\text{Household members aged } \geq 5 \text{ consuming fruit/vegetables per day in a week in province } X}}{\sum_{\text{Household members aged } \geq 5 \text{ in province } X}}$$

$$= \frac{\sum_{\text{Household members aged } \geq 5 \text{ consuming fruit/vegetables per day in a week by characteristic}}}{\sum_{\text{Household members aged } \geq 5 \text{ by characteristic}}}$$

- b. Proportion of population with lack of fruit and vegetable consumption

$$= \frac{\sum_{\substack{\text{Household members aged } \geq 5 \text{ with fruit and vegetable consumption} < 5 \text{ portion per day} \\ \text{in a week in province } X}}}{\sum_{\text{Household members aged } \geq 5 \text{ in province } X}}$$

$$= \frac{\sum_{\substack{\text{Household members aged } \geq 5 \text{ with fruit and vegetable consumption} < 5 \text{ portion per day} \\ \text{in a week in by characteristic}}}}{\sum_{\text{Household members aged } \geq 5 \text{ by characteristic}}}$$

- c. Average consumption of fruit and vegetables

$$= \frac{\sum_{\text{Portion of vegetables and fruit consumed by household members aged } \geq 5 \text{ in province } X}}{\sum_{\text{Household members aged } \geq 5 \text{ consuming vegetables and fruit in province } X}}$$

$$= \frac{\sum_{\text{Portion of vegetables and fruit consumed by household members aged } \geq 5 \text{ by characteristic}}}{\sum_{\text{Household members aged } \geq 5 \text{ consuming vegetables and fruit by characteristic}}}$$

- d. Average vegetables consumption

$$= \frac{\sum_{\text{Portion of vegetables consumed by household members aged } \geq 5 \text{ in province } X}}{\sum_{\text{Household members aged } \geq 5 \text{ consuming vegetables in province } X}}$$

$$= \frac{\text{Portion of vegetables consumed by household members aged } \geq 5 \text{ by characteristic}}{\sum_{\text{Household members aged } \geq 5 \text{ consuming vegetables by characteristic}}}$$

- e. Average fruit consumption

$$= \frac{\sum_{\text{Portion of fruit consumed by household members aged } \geq 5 \text{ in province } X}}{\sum_{\text{Household members aged } \geq 5 \text{ consuming fruit in province } X}}$$

$$= \frac{\sum_{\text{Portion of fruit consumed by household members aged } \geq 5 \text{ by characteristic}}}{\sum_{\text{Household members aged } \geq 5 \text{ consuming fruit by characteristic}}}$$

f. Proportion of reason for not consuming fruit

$$= \frac{\sum \text{Household members aged } \geq 5 \text{ with certain reasons in province X}}{\sum \text{Household members aged } \geq 5 \text{ not consuming fruit in province X}}$$

$$= \frac{\sum \text{Household members aged } \geq 5 \text{ with certain reasons by characteristic}}{\sum \text{Household members aged } \geq 5 \text{ not consuming fruit by characteristic}}$$

g. Proportion of reason for not consuming vegetables

$$= \frac{\sum \text{Household members aged } \geq 5 \text{ with certain reasons in province X}}{\sum \text{Household members aged } \geq 5 \text{ not consuming vegetables in province X}}$$

$$= \frac{\sum \text{Household members aged } \geq 5 \text{ with certain reasons by characteristic}}{\sum \text{Household members aged } \geq 5 \text{ not consuming vegetables by characteristic}}$$

**Table 11. 69 Proportion of Fresh Fruit and/or Vegetable Consumption per Day in a Week
in Population Aged ≥ 5 by Province, 2023 SKI**

| Province | Portions of Fresh Fruit and/or Vegetables Consumption Per Day in a Week ¹ | | | | | | | | Weighted N |
|--------------------|---|--------------------|-------------|--------------------|------------|------------------|---------------|------------------|----------------|
| | 1-2 Portion | | 3-4 Portion | | ≥5 Portion | | Not consuming | | |
| | % | 95%CI | % | 95%CI | % | 95%CI | % | 95%CI | |
| Aceh | 70.5 | 68.6 - 72.4 | 9.6 | 8.8 - 10.5 | 1.9 | 1.5 - 2.2 | 18.0 | 16.3 - 19.8 | 15,386 |
| North Sumatera | 66.3 | 64.5 - 68.0 | 18.8 | 17.4 - 20.3 | 4.3 | 3.7 - 5.0 | 10.6 | 9.5 - 11.8 | 43,156 |
| West Sumatera | 73.7 | 72.1 - 75.2 | 6.6 | 5.8 - 7.4 | 1.4 | 1.1 - 1.7 | 18.4 | 17.0 - 19.9 | 16,252 |
| Riau | 78.7 | 76.6 - 80.5 | 5.3 | 4.6 - 6.1 | 1.1 | 0.8 - 1.5 | 14.9 | 13.2 - 16.9 | 18,680 |
| Jambi | 68.1 | 65.5 - 70.6 | 11.0 | 9.6 - 12.4 | 3.0 | 2.3 - 3.9 | 17.9 | 15.8 - 20.3 | 10,377 |
| South Sumatera | 72.9 | 70.8 - 74.8 | 10.4 | 9.1 - 11.9 | 2.7 | 2.1 - 3.5 | 14.0 | 12.4 - 15.8 | 24,705 |
| Bengkulu | 66.8 | 63.9 - 69.6 | 9.0 | 7.5 - 10.7 | 2.7 | 1.9 - 3.7 | 21.6 | 19.1 - 24.3 | 5,884 |
| Lampung | 58.1 | 55.8 - 60.3 | 30.6 | 28.6 - 32.7 | 6.3 | 5.4 - 7.3 | 5.0 | 4.4 - 5.7 | 26,335 |
| Bangka Belitung | 76.6 | 74.2 - 78.9 | 7.3 | 6.0 - 8.8 | 3.1 | 2.3 - 4.3 | 12.9 | 11.5 - 14.5 | 4,278 |
| Riau Islands | 75.0 | 71.3 - 78.3 | 14.5 | 11.8 - 17.7 | 2.4 | 1.7 - 3.3 | 8.1 | 7.0 - 9.4 | 6,059 |
| DKI Jakarta | 72.0 | 69.8 - 74.1 | 12.4 | 11.0 - 13.9 | 4.7 | 3.7 - 6.0 | 10.9 | 9.8 - 12.2 | 30,579 |
| West Java | 73.3 | 72.3 - 74.3 | 9.5 | 8.9 - 10.2 | 1.7 | 1.5 - 2.0 | 15.4 | 14.6 - 16.2 | 141,655 |
| Central Java | 64.7 | 63.5 - 65.9 | 26.4 | 25.3 - 27.5 | 3.8 | 3.4 - 4.2 | 5.1 | 4.7 - 5.5 | 107,289 |
| DI Yogyakarta | 62.0 | 59.4 - 64.6 | 27.0 | 24.6 - 29.6 | 4.1 | 3.4 - 5.0 | 6.8 | 5.7 - 8.1 | 10,782 |
| East Java | 63.6 | 62.4 - 64.8 | 24.6 | 23.5 - 25.7 | 4.3 | 4.0 - 4.7 | 7.4 | 6.9 - 7.9 | 119,276 |
| Banten | 73.8 | 71.6 - 75.8 | 9.2 | 8.1 - 10.5 | 1.2 | 0.9 - 1.6 | 15.8 | 14.0 - 17.7 | 34,933 |
| Bali | 63.9 | 61.3 - 66.5 | 27.1 | 24.7 - 29.5 | 2.8 | 2.3 - 3.3 | 6.2 | 5.3 - 7.3 | 12,623 |
| West Nusa Tenggara | 66.5 | 63.7 - 69.2 | 20.3 | 17.9 - 23.0 | 2.4 | 2.0 - 2.9 | 10.7 | 9.2 - 12.5 | 15,614 |
| East Nusa Tenggara | 47.0 | 45.2 - 48.8 | 36.9 | 35.2 - 38.6 | 5.8 | 5.1 - 6.6 | 10.3 | 9.1 - 11.8 | 15,451 |
| West Kalimantan | 67.7 | 65.6 - 69.7 | 18.6 | 17.1 - 20.3 | 3.7 | 3.1 - 4.4 | 10.0 | 8.7 - 11.4 | 15,851 |
| Central Kalimantan | 69.0 | 66.4 - 71.5 | 6.5 | 5.6 - 7.6 | 1.4 | 1.0 - 2.0 | 23.0 | 20.7 - 25.6 | 7,827 |
| South Kalimantan | 78.1 | 76.4 - 79.7 | 5.7 | 5.0 - 6.6 | 1.6 | 1.2 - 2.1 | 14.6 | 13.3 - 15.9 | 11,925 |
| East Kalimantan | 70.2 | 67.5 - 72.7 | 17.0 | 15.0 - 19.3 | 3.5 | 2.9 - 4.4 | 9.2 | 8.2 - 10.3 | 11,118 |
| North Kalimantan | 66.5 | 62.4 - 70.3 | 15.2 | 12.6 - 18.3 | 7.1 | 5.1 - 9.9 | 11.2 | 9.3 - 13.5 | 2,059 |
| North Sulawesi | 69.0 | 67.1 - 70.8 | 10.6 | 9.4 - 11.9 | 5.4 | 4.3 - 6.9 | 14.9 | 13.6 - 16.4 | 7,661 |
| Central Sulawesi | 56.3 | 54.0 - 58.6 | 18.8 | 17.0 - 20.7 | 4.2 | 3.6 - 4.9 | 20.7 | 18.8 - 22.8 | 8,694 |
| South Sulawesi | 69.0 | 67.6 - 70.3 | 12.6 | 11.8 - 13.5 | 2.7 | 2.3 - 3.2 | 15.7 | 14.5 - 16.9 | 26,508 |
| Southeast Sulawesi | 58.2 | 56.2 - 60.3 | 16.0 | 14.6 - 17.6 | 4.6 | 3.7 - 5.8 | 21.1 | 19.1 - 23.2 | 7,678 |
| Gorontalo | 58.0 | 54.8 - 61.1 | 9.6 | 7.9 - 11.6 | 1.8 | 1.3 - 2.3 | 30.7 | 27.5 - 34.1 | 3,424 |
| West Sulawesi | 73.2 | 70.3 - 75.9 | 9.2 | 7.9 - 10.7 | 3.4 | 2.5 - 4.5 | 14.2 | 12.0 - 16.8 | 4,132 |
| Maluku | 54.6 | 52.0 - 57.2 | 17.8 | 15.5 - 20.2 | 5.1 | 3.8 - 6.8 | 22.5 | 20.1 - 25.2 | 5,384 |
| North Maluku | 56.2 | 53.2 - 59.1 | 12.1 | 10.6 - 13.9 | 5.3 | 4.2 - 6.7 | 26.4 | 23.5 - 29.4 | 3,748 |
| West Papua | 66.2 | 62.3 - 69.8 | 20.1 | 17.1 - 23.5 | 3.3 | 2.5 - 4.3 | 10.5 | 8.6 - 12.6 | 1,590 |
| Southwest Papua | 58.4 | 54.0 - 62.6 | 27.8 | 24.5 - 31.4 | 6.2 | 4.7 - 8.2 | 7.6 | 6.3 - 9.1 | 1,724 |
| Papua | 51.2 | 47.5 - 55.0 | 29.4 | 26.4 - 32.5 | 8.7 | 6.7 - 11.2 | 10.7 | 8.7 - 13.0 | 2,887 |
| South Papua | 48.0 | 43.5 - 52.6 | 24.5 | 20.3 - 29.4 | 2.0 | 1.2 - 3.1 | 25.5 | 21.4 - 30.0 | 1,420 |
| Central Papua | 59.1 | 52.7 - 65.2 | 12.3 | 8.7 - 17.0 | 11.8 | 7.3 - 18.7 | 16.8 | 12.5 - 22.2 | 4,113 |
| Highland Papua | 54.8 | 48.8 - 60.7 | 22.6 | 18.3 - 27.4 | 7.2 | 4.7 - 10.7 | 15.5 | 11.8 - 20.0 | 4,113 |
| INDONESIA | 67.5 | 67.1 - 67.9 | 17.4 | 17.1 - 17.7 | 3.3 | 3.2 - 3.5 | 11.8 | 11.5 - 12 | 791,167 |

¹Average portion of fruit and vegetables consumed per day (WHO)

Table 11. 70 Proportion of Fresh Fruit and/or Vegetable Consumption per Day in a Week in Population Aged ≥ 5 by Characteristic, 2023 SKI

| Characteristic | Portions of Fresh Fruit and/or Vegetables Consumption Per Day in a Week | | | | | | | | Weighted N |
|--|---|-------------|---------------|-------------|------------|-----------|---------------|-------------|------------|
| | 1 – 2 Portion | | 3 – 4 Portion | | ≥5 Portion | | Not Consuming | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range | | | | | | | | | |
| 5-9 | 67.0 | 66.3 - 67.6 | 12.3 | 11.8 - 12.7 | 2.3 | 2.1 - 2.5 | 18.5 | 18.0 - 19.0 | 67,770 |
| 10-14 | 67.6 | 66.9 - 68.3 | 13.1 | 12.7 - 13.6 | 2.3 | 2.2 - 2.5 | 16.9 | 16.4 - 17.5 | 68,019 |
| 15-19 | 68.1 | 67.3 - 68.8 | 14.6 | 14.1 - 15.2 | 2.5 | 2.3 - 2.7 | 14.8 | 14.3 - 15.4 | 68,283 |
| 20-24 | 67.7 | 66.9 - 68.5 | 16.3 | 15.7 - 17.0 | 3.2 | 2.9 - 3.5 | 12.8 | 12.3 - 13.4 | 68,904 |
| 25-29 | 68.0 | 67.3 - 68.8 | 18.3 | 17.7 - 19.0 | 3.4 | 3.2 - 3.7 | 10.2 | 9.7 - 10.7 | 69,326 |
| 30-34 | 68.6 | 67.9 - 69.3 | 18.3 | 17.8 - 18.9 | 3.9 | 3.6 - 4.1 | 9.2 | 8.8 - 9.7 | 68,170 |
| 35-39 | 68.0 | 67.2 - 68.7 | 18.9 | 18.3 - 19.4 | 3.9 | 3.5 - 4.3 | 9.3 | 8.9 - 9.7 | 66,123 |
| 40-44 | 67.6 | 66.9 - 68.3 | 19.5 | 18.9 - 20.1 | 3.6 | 3.4 - 3.9 | 9.3 | 8.9 - 9.7 | 62,928 |
| 45-49 | 67.3 | 66.6 - 68.0 | 19.4 | 18.8 - 20.0 | 3.8 | 3.5 - 4.2 | 9.5 | 9.1 - 9.9 | 58,958 |
| 50-54 | 67.4 | 66.7 - 68.2 | 19.7 | 19.1 - 20.3 | 3.9 | 3.7 - 4.2 | 8.9 | 8.5 - 9.3 | 52,219 |
| 55-59 | 66.5 | 65.7 - 67.3 | 20.2 | 19.6 - 20.9 | 4.0 | 3.7 - 4.3 | 9.3 | 8.9 - 9.8 | 44,416 |
| 60-64 | 66.5 | 65.7 - 67.3 | 19.5 | 18.8 - 20.2 | 4.0 | 3.7 - 4.3 | 10.1 | 9.6 - 10.6 | 35,728 |
| 65 + | 66.4 | 65.7 - 67.2 | 18.8 | 18.2 - 19.5 | 3.5 | 3.2 - 3.8 | 11.2 | 10.8 - 11.7 | 60,324 |
| Sex | | | | | | | | | |
| Male | 67.7 | 67.3 - 68.1 | 16.6 | 16.2 - 16.9 | 3.1 | 3.0 - 3.2 | 12.6 | 12.3 - 12.9 | 399,256 |
| Female | 67.3 | 66.9 - 67.7 | 18.2 | 17.9 - 18.5 | 3.6 | 3.5 - 3.7 | 10.9 | 10.6 - 11.1 | 391,911 |
| Education | | | | | | | | | |
| Never attended school | 66.3 | 65.6 - 67.0 | 14.5 | 14 - 15.1 | 2.7 | 2.5 - 2.9 | 16.4 | 15.9 - 17 | 67,794 |
| Some primary school | 67.1 | 66.5 - 67.7 | 14.4 | 13.9 - 14.8 | 2.5 | 2.3 - 2.7 | 16.0 | 15.6 - 16.5 | 112,837 |
| Primary school graduate | 67.9 | 67.4 - 68.5 | 17.4 | 16.9 - 17.8 | 2.7 | 2.6 - 2.9 | 12.0 | 11.6 - 12.3 | 193,963 |
| Junior secondary school graduate | 68.0 | 67.4 - 68.5 | 17.9 | 17.4 - 18.3 | 3.2 | 3.0 - 3.4 | 11.0 | 10.6 - 11.3 | 141,291 |
| Senior secondary school graduate | 68.1 | 67.6 - 68.7 | 18.2 | 17.8 - 18.7 | 3.9 | 3.6 - 4.1 | 9.8 | 9.5 - 10.1 | 212,471 |
| D1/D2/D3/university/graduate | 65.1 | 64.3 - 65.9 | 21.9 | 21.3 - 22.6 | 6.0 | 5.6 - 6.3 | 6.9 | 6.5 - 7.4 | 62,812 |
| Occupation | | | | | | | | | |
| Unemployed | 68.1 | 67.6 - 68.6 | 17.0 | 16.7 - 17.4 | 3.4 | 3.2 - 3.6 | 11.4 | 11.1 - 11.8 | 208,997 |
| Student | 68.3 | 67.8 - 68.9 | 14.1 | 13.7 - 14.5 | 2.5 | 2.3 - 2.7 | 15.1 | 14.6 - 15.5 | 115,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 63.3 | 62.2 - 64.4 | 23.0 | 22.1 - 23.9 | 6.7 | 6.2 - 7.3 | 7.0 | 6.4 - 7.6 | 20,409 |
| Private employee | 68.6 | 67.7 - 69.4 | 19.2 | 18.5 - 19.9 | 4.0 | 3.7 - 4.3 | 8.3 | 7.8 - 8.8 | 74,808 |
| Self-employed | 67.8 | 67.1 - 68.4 | 19.5 | 19.0 - 20.1 | 4.0 | 3.7 - 4.3 | 8.7 | 8.3 - 9.1 | 100,088 |
| Farmer/farm worker | 64.2 | 63.5 - 64.9 | 21.4 | 20.8 - 22.1 | 3.7 | 3.4 - 4.1 | 10.6 | 10.2 - 11.0 | 105,791 |
| Fisher | 68.9 | 66.4 - 71.3 | 10.7 | 9.5 - 12.1 | 2.0 | 1.5 - 2.6 | 18.4 | 16.6 - 20.3 | 5,254 |
| Labor/driver/domestic help | 70.2 | 69.3 - 71.2 | 15.7 | 15.0 - 16.5 | 1.9 | 1.7 - 2.1 | 12.1 | 11.4 - 12.9 | 53,057 |
| Others | 67.3 | 66.4 - 68.2 | 17.8 | 17.1 - 18.6 | 3.9 | 3.6 - 4.2 | 11.0 | 10.4 - 11.6 | 39,484 |
| Residence | | | | | | | | | |
| Urban | 69.1 | 68.6 - 69.6 | 16.3 | 16.0 - 16.7 | 3.3 | 3.1 - 3.5 | 11.3 | 11.0 - 11.6 | 462,718 |
| Rural | 65.3 | 64.7 - 65.9 | 18.8 | 18.3 - 19.4 | 3.4 | 3.2 - 3.6 | 12.5 | 12.1 - 12.8 | 328,449 |
| Economic Status | | | | | | | | | |
| Lowest | 63.9 | 63.1 - 64.6 | 18.0 | 17.4 - 18.6 | 3.1 | 2.8 - 3.4 | 15.1 | 14.5 - 15.7 | 114,187 |
| Lower Middle | 67.2 | 66.6 - 67.8 | 17.2 | 16.7 - 17.7 | 2.7 | 2.5 - 2.9 | 12.9 | 12.5 - 13.3 | 143,803 |
| Middle | 68.4 | 67.8 - 69.0 | 16.9 | 16.4 - 17.4 | 2.8 | 2.6 - 3.0 | 12.0 | 11.6 - 12.4 | 167,615 |
| Upper Middle | 69.0 | 68.3 - 69.6 | 16.7 | 16.2 - 17.1 | 3.1 | 2.9 - 3.3 | 11.3 | 10.9 - 11.7 | 184,152 |
| Highest | 67.8 | 67.1 - 68.5 | 18.4 | 17.8 - 18.9 | 4.8 | 4.6 - 5.1 | 9.0 | 8.7 - 9.4 | 181,352 |

Table 11. 71 Proportion of Lack of Eating Fruit/Vegetables Consumption and Average of Fruit and Vegetables Consumption per Day in a Week in Population Aged ≥ 5 by Province, 2023 SKI

| Province | Lack of vegetables and fruit consumption ¹ | | | Average vegetables and fruit consumption | | | Average vegetable consumption | | | Average fruit consumption | | Weighted N |
|--------------------|---|--------------------|-------------|--|------------|------------|-------------------------------|-------------|-------------|---------------------------|-------------|----------------|
| | % | 95%CI | \bar{x} | Min-max | sd | \bar{x} | min-max | sd | \bar{x} | min-max | sd | |
| Aceh | 98.1 | 97.8 - 98.5 | 1.36 | 0 - 18 | 1.1 | 0.9 | 0 - 9 | 0.85 | 0.47 | 0 - 9 | 0.50 | 15,386 |
| North Sumatera | 95.7 | 95.0 - 96.3 | 1.86 | 0 - 14 | 1.4 | 1.3 | 0 - 9 | 1.06 | 0.55 | 0 - 7 | 0.63 | 43,156 |
| West Sumatera | 98.6 | 98.3 - 98.9 | 1.23 | 0 - 14 | 1.0 | 0.7 | 0 - 9.1 | 0.68 | 0.51 | 0 - 7 | 0.55 | 16,252 |
| Riau | 98.9 | 98.5 - 99.2 | 1.27 | 0 - 14 | 1.0 | 0.8 | 0 - 8.1 | 0.68 | 0.45 | 0 - 8 | 0.47 | 18,680 |
| Jambi | 97.0 | 96.1 - 97.7 | 1.46 | 0 - 14 | 1.3 | 0.9 | 0 - 9 | 0.93 | 0.51 | 0 - 7 | 0.53 | 10,376 |
| South Sumatera | 97.3 | 96.5 - 97.9 | 1.52 | 0 - 14 | 1.2 | 1.1 | 0 - 9.9 | 0.97 | 0.46 | 0 - 7 | 0.52 | 24,705 |
| Bengkulu | 97.3 | 96.3 - 98.1 | 1.44 | 0 - 17.1 | 1.5 | 1.0 | 0 - 9 | 1.14 | 0.40 | 0 - 8.3 | 0.56 | 5,884 |
| Lampung | 93.7 | 92.7 - 94.6 | 2.30 | 0 - 18 | 1.6 | 1.7 | 0 - 9 | 1.25 | 0.62 | 0 - 9 | 0.69 | 26,335 |
| Bangka Belitung | 96.9 | 95.7 - 97.7 | 1.49 | 0 - 16 | 1.5 | 0.9 | 0 - 9 | 0.93 | 0.60 | 0 - 7 | 0.71 | 4,278 |
| Riau Islands | 97.6 | 96.7 - 98.3 | 1.70 | 0 - 15 | 1.1 | 1.1 | 0 - 8.5 | 0.78 | 0.60 | 0 - 8 | 0.55 | 6,058 |
| DKI Jakarta | 95.3 | 94.0 - 96.3 | 1.77 | 0 - 15 | 1.5 | 1.0 | 0 - 9 | 0.92 | 0.73 | 0 - 9 | 0.84 | 30,579 |
| West Java | 98.3 | 98.0 - 98.5 | 1.43 | 0 - 14 | 1.1 | 0.9 | 0 - 9.5 | 0.79 | 0.54 | 0 - 7 | 0.57 | 141,655 |
| Central Java | 96.2 | 95.8 - 96.6 | 2.09 | 0 - 14 | 1.3 | 1.5 | 0 - 9 | 0.98 | 0.63 | 0 - 8 | 0.61 | 107,289 |
| DI Yogyakarta | 95.9 | 95.0 - 96.6 | 2.13 | 0 - 14.9 | 1.3 | 1.5 | 0 - 9.9 | 1.01 | 0.68 | 0 - 7.5 | 0.67 | 10,782 |
| East Java | 95.7 | 95.3 - 96.0 | 2.04 | 0 - 18 | 1.4 | 1.4 | 0 - 9 | 1.02 | 0.59 | 0 - 9 | 0.67 | 119,276 |
| Banten | 98.8 | 98.4 - 99.1 | 1.39 | 0 - 14 | 1.0 | 0.9 | 0 - 8 | 0.76 | 0.47 | 0 - 7 | 0.51 | 34,933 |
| Bali | 97.2 | 96.7 - 97.7 | 2.00 | 0 - 14 | 1.2 | 1.4 | 0 - 7 | 0.97 | 0.57 | 0 - 7 | 0.54 | 12,623 |
| West Nusa Tenggara | 97.6 | 97.1 - 98.0 | 1.78 | 0 - 14 | 1.2 | 1.3 | 0 - 8 | 0.95 | 0.49 | 0 - 9 | 0.56 | 15,614 |
| East Nusa Tenggara | 94.2 | 93.4 - 94.9 | 2.33 | 0 - 18 | 1.5 | 1.9 | 0 - 9 | 1.29 | 0.41 | 0 - 9 | 0.60 | 15,451 |
| West Kalimantan | 96.3 | 95.6 - 96.9 | 1.84 | 0 - 15 | 1.4 | 1.3 | 0 - 9 | 1.07 | 0.51 | 0 - 7.5 | 0.54 | 15,851 |
| Central Kalimantan | 98.6 | 98.0 - 99.0 | 1.21 | 0 - 11.7 | 1.0 | 0.8 | 0 - 9 | 0.76 | 0.38 | 0 - 7 | 0.42 | 7,827 |
| South Kalimantan | 98.4 | 97.9 - 98.8 | 1.34 | 0 - 14 | 1.1 | 0.9 | 0 - 7 | 0.76 | 0.48 | 0 - 7 | 0.51 | 11,925 |
| East Kalimantan | 96.5 | 95.6 - 97.1 | 1.80 | 0 - 14 | 1.3 | 1.2 | 0 - 8 | 0.97 | 0.57 | 0 - 9 | 0.61 | 11,118 |
| North Kalimantan | 92.9 | 90.1 - 94.9 | 1.93 | 0 - 14 | 1.8 | 1.4 | 0 - 7.2 | 1.33 | 0.55 | 0 - 7 | 0.73 | 2,059 |
| North Sulawesi | 94.6 | 93.1 - 95.7 | 1.71 | 0 - 15 | 1.8 | 1.1 | 0 - 9 | 1.22 | 0.59 | 0 - 7.5 | 0.81 | 7,661 |
| Central Sulawesi | 95.8 | 95.1 - 96.4 | 1.70 | 0 - 15.4 | 1.5 | 1.2 | 0 - 9 | 1.10 | 0.48 | 0 - 7.7 | 0.64 | 8,694 |
| South Sulawesi | 97.3 | 96.8 - 97.7 | 1.57 | 0 - 14 | 1.3 | 1.1 | 0 - 8.8 | 0.96 | 0.49 | 0 - 8.8 | 0.61 | 26,508 |
| Southeast Sulawesi | 95.4 | 94.2 - 96.3 | 1.72 | 0 - 18 | 1.6 | 1.3 | 0 - 9.2 | 1.26 | 0.47 | 0 - 9 | 0.60 | 7,678 |
| Gorontalo | 98.2 | 97.7 - 98.7 | 1.20 | 0 - 14 | 1.2 | 0.9 | 0 - 7.2 | 0.90 | 0.34 | 0 - 7 | 0.50 | 3,424 |
| West Sulawesi | 96.6 | 95.5 - 97.5 | 1.61 | 0 - 14 | 1.5 | 1.2 | 0 - 8 | 1.11 | 0.45 | 0 - 7 | 0.62 | 4,132 |
| Maluku | 94.9 | 93.2 - 96.2 | 1.76 | 0 - 14 | 1.7 | 1.4 | 0 - 9 | 1.41 | 0.32 | 0 - 8 | 0.57 | 5,384 |
| North Maluku | 94.7 | 93.3 - 95.8 | 1.56 | 0 - 15 | 1.8 | 1.1 | 0 - 9 | 1.25 | 0.47 | 0 - 8 | 0.76 | 3,748 |
| West Papua | 96.7 | 95.7 - 97.5 | 1.84 | 0 - 14 | 1.4 | 1.5 | 0 - 8 | 1.11 | 0.38 | 0 - 7 | 0.50 | 1,590 |
| Southwest Papua | 93.8 | 91.8 - 95.3 | 2.21 | 0 - 12 | 1.5 | 1.7 | 0 - 7 | 1.19 | 0.50 | 0 - 7 | 0.64 | 1,724 |
| Papua | 91.3 | 88.8 - 93.3 | 2.30 | 0 - 14 | 1.6 | 1.7 | 0 - 9 | 1.18 | 0.65 | 0 - 9 | 0.79 | 2,887 |
| South Papua | 98.0 | 96.9 - 98.8 | 1.67 | 0 - 9.7 | 1.4 | 1.2 | 0 - 7 | 1.03 | 0.43 | 0 - 5.1 | 0.60 | 1,420 |
| Central Papua | 88.2 | 81.3 - 92.7 | 2.07 | 0 - 14 | 2.0 | 1.4 | 0 - 8 | 1.33 | 0.66 | 0 - 7 | 0.91 | 4,113 |
| Highland Papua | 92.8 | 89.3 - 95.3 | 2.09 | 0 - 18 | 2.0 | 1.6 | 0 - 9 | 1.63 | 0.48 | 0 - 9 | 0.73 | 4,113 |
| INDONESIA | 96.7 | 96.5 - 96.8 | 1.75 | 0 - 18 | 1.3 | 1.2 | 0 - 9.9 | 1.01 | 0.55 | 0 - 9 | 0.62 | 791,167 |

¹Portion of fruit and vegetables consumed < 5 portion per day in a week (WHO)

Table 11. 72 Proportion of Lack of Eating Fruit/Vegetables Consumption and Average of Fruit and Vegetables Consumption per Day in a Week in Population Aged ≥ 5 by Characteristic, 2023 SKI

| Characteristic | Lack of vegetables and fruit consumption ¹ | | | Average vegetables and fruit consumption | | | Average vegetables consumption | | | Average fruit consumption | | | Weighted N |
|--|---|-------------|-----------|--|-----|-----------|--------------------------------|------|-----------|---------------------------|------|---------|------------|
| | % | 95%CI | \bar{x} | min-max | sd | \bar{x} | min-max | sd | \bar{x} | min-max | sd | | |
| Age Range | | | | | | | | | | | | | |
| 5 – 9 | 97.7 | 97.5 - 97.9 | 1.47 | 0 - 14.6 | 1.3 | 0.9 | 0 - 9.0 | 0.93 | 0.53 | 0 - 9 | 0.59 | 67,770 | |
| 10-14 | 97.7 | 97.5 - 97.8 | 1.51 | 0 - 15.0 | 1.2 | 1.0 | 0 - 9.2 | 0.96 | 0.50 | 0 - 9 | 0.56 | 68,019 | |
| 15-19 | 97.5 | 97.3 - 97.7 | 1.58 | 0 - 15.0 | 1.3 | 1.1 | 0 - 9.0 | 0.98 | 0.50 | 0 - 8 | 0.56 | 68,283 | |
| 20-24 | 96.8 | 96.5 - 97.1 | 1.69 | 0 - 18.0 | 1.3 | 1.2 | 0 - 9.0 | 1.01 | 0.53 | 0 - 9 | 0.58 | 68,904 | |
| 25-29 | 96.6 | 96.3 - 96.8 | 1.80 | 0 - 14.9 | 1.4 | 1.2 | 0 - 9.9 | 1.01 | 0.57 | 0 - 9 | 0.63 | 69,326 | |
| 30-34 | 96.1 | 95.9 - 96.4 | 1.85 | 0 - 18.0 | 1.4 | 1.3 | 0 - 9.9 | 1.02 | 0.59 | 0 - 9 | 0.63 | 68,170 | |
| 35-39 | 96.1 | 95.7 - 96.5 | 1.86 | 0 - 18.0 | 1.4 | 1.3 | 0 - 9.0 | 1.03 | 0.57 | 0 - 9 | 0.64 | 66,123 | |
| 40-44 | 96.4 | 96.1 - 96.6 | 1.86 | 0 - 18.0 | 1.3 | 1.3 | 0 - 9.0 | 1.02 | 0.57 | 0 - 9 | 0.62 | 62,928 | |
| 45-49 | 96.2 | 95.8 - 96.5 | 1.88 | 0 - 14.4 | 1.4 | 1.3 | 0 - 9.1 | 1.02 | 0.58 | 0 - 9 | 0.64 | 58,958 | |
| 50-54 | 96.1 | 95.8 - 96.3 | 1.90 | 0 - 18.0 | 1.4 | 1.3 | 0 - 9.0 | 1.02 | 0.59 | 0 - 9 | 0.66 | 52,219 | |
| 55-59 | 96.0 | 95.7 - 96.3 | 1.90 | 0 - 16.0 | 1.4 | 1.3 | 0 - 9.0 | 1.02 | 0.59 | 0 - 8 | 0.65 | 44,416 | |
| 60-64 | 96.0 | 95.7 - 96.3 | 1.87 | 0 - 18.0 | 1.4 | 1.3 | 0 - 9.0 | 1.02 | 0.57 | 0 - 9 | 0.65 | 35,728 | |
| 65 + | 96.5 | 96.2 - 96.8 | 1.81 | 0 - 14.4 | 1.3 | 1.3 | 0 - 9.0 | 1.01 | 0.53 | 0 - 9 | 0.63 | 60,324 | |
| Sex | | | | | | | | | | | | | |
| Male | 96.9 | 96.8 - 97.0 | 1.70 | 0 - 18.0 | 1.3 | 1.2 | 0 - 9.9 | 1.00 | 0.53 | 0 - 9 | 0.60 | 399,256 | |
| Female | 96.4 | 96.3 - 96.5 | 1.81 | 0 - 18.0 | 1.4 | 1.2 | 0 - 9.9 | 1.02 | 0.57 | 0 - 9 | 0.63 | 391,911 | |
| Education | | | | | | | | | | | | | |
| Never attended school | 97.3 | 97.1 - 97.5 | 1.57 | 0 - 16.0 | 1.3 | 1.1 | 0 - 9.0 | 1.01 | 0.48 | 0 - 9 | 0.57 | 67,794 | |
| Some primary school | 97.5 | 97.3 - 97.7 | 1.56 | 0 - 18.0 | 1.3 | 1.1 | 0 - 9.0 | 0.99 | 0.49 | 0 - 9 | 0.57 | 112,837 | |
| Primary school graduate | 97.3 | 97.1 - 97.4 | 1.70 | 0 - 15.0 | 1.3 | 1.2 | 0 - 9.5 | 1.01 | 0.48 | 0 - 9 | 0.57 | 193,963 | |
| Junior secondary school graduate | 96.8 | 96.6 - 97.0 | 1.77 | 0 - 16.0 | 1.3 | 1.2 | 0 - 9.9 | 1.02 | 0.53 | 0 - 9 | 0.59 | 141,291 | |
| Senior secondary school graduate | 96.1 | 95.9 - 96.4 | 1.84 | 0 - 18.0 | 1.4 | 1.2 | 0 - 9.5 | 1.00 | 0.61 | 0 - 9 | 0.65 | 212,471 | |
| D1/D2/D3/university/graduate | 94.0 | 93.7 - 94.4 | 2.13 | 0 - 18.0 | 1.5 | 1.3 | 0 - 9.9 | 1.02 | 0.80 | 0 - 9 | 0.75 | 62,812 | |
| Occupation | | | | | | | | | | | | | |
| Unemployed | 96.6 | 96.4 - 96.8 | 1.75 | 0 - 18.0 | 1.3 | 1.2 | 0 - 9.5 | 1.01 | 0.55 | 0 - 9 | 0.62 | 208,997 | |
| Student | 97.5 | 97.3 - 97.7 | 1.57 | 0 - 15.0 | 1.3 | 1.1 | 0 - 9.2 | 0.96 | 0.51 | 0 - 9 | 0.57 | 115,509 | |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 93.3 | 92.7 - 93.8 | 2.20 | 0 - 18.0 | 1.6 | 1.4 | 0 - 9.0 | 1.06 | 0.82 | 0 - 9 | 0.78 | 20,409 | |
| Private employee | 96.0 | 95.7 - 96.3 | 1.91 | 0 - 18.0 | 1.4 | 1.2 | 0 - 9.9 | 0.97 | 0.66 | 0 - 9 | 0.67 | 74,808 | |
| Self-employed | 96.0 | 95.7 - 96.3 | 1.90 | 0 - 18.0 | 1.4 | 1.3 | 0 - 9.5 | 1.01 | 0.61 | 0 - 9 | 0.66 | 100,088 | |
| Farmer/farm worker | 96.3 | 95.9 - 96.6 | 1.87 | 0 - 16.0 | 1.4 | 1.4 | 0 - 9.9 | 1.11 | 0.46 | 0 - 9 | 0.57 | 105,791 | |
| Fisher | 98.0 | 97.4 - 98.5 | 1.42 | 0 - 14.0 | 1.2 | 1.0 | 0 - 7.2 | 0.93 | 0.39 | 0 - 8 | 0.54 | 5,254 | |
| Labor/driver/domestic help | 98.1 | 97.9 - 98.3 | 1.62 | 0 - 18.0 | 1.2 | 1.2 | 0 - 9.0 | 0.95 | 0.47 | 0 - 9 | 0.50 | 53,057 | |
| Others | 96.1 | 95.8 - 96.4 | 1.81 | 0 - 18.0 | 1.4 | 1.2 | 0 - 9.0 | 0.99 | 0.58 | 0 - 9 | 0.65 | 39,484 | |
| Residence | | | | | | | | | | | | | |
| Urban | 96.7 | 96.5 - 96.9 | 1.75 | 0 - 18.0 | 1.3 | 1.1 | 0 - 9.9 | 0.96 | 0.60 | 0 - 9 | 0.64 | 462,718 | |
| Rural | 96.6 | 96.4 - 96.8 | 1.76 | 0 - 18.0 | 1.4 | 1.3 | 0 - 9.5 | 1.07 | 0.48 | 0 - 9 | 0.58 | 328,449 | |
| Economic Status | | | | | | | | | | | | | |
| Lowest | 96.9 | 96.6 - 97.2 | 1.68 | 0 - 18.0 | 1.4 | 1.3 | 0 - 9.0 | 1.11 | 0.39 | 0 - 9 | 0.53 | 114,187 | |
| Lower Middle | 97.3 | 97.1 - 97.5 | 1.68 | 0 - 16.0 | 1.3 | 1.2 | 0 - 9.2 | 1.03 | 0.45 | 0 - 8 | 0.53 | 143,803 | |
| Middle | 97.2 | 97.0 - 97.4 | 1.69 | 0 - 18.0 | 1.3 | 1.2 | 0 - 9.9 | 0.99 | 0.50 | 0 - 9 | 0.57 | 167,615 | |
| Upper Middle | 96.9 | 96.7 - 97.1 | 1.73 | 0 - 18.0 | 1.3 | 1.2 | 0 - 9.9 | 0.98 | 0.57 | 0 - 9 | 0.60 | 184,152 | |
| Highest | 95.2 | 94.9 - 95.4 | 1.94 | 0 - 18.0 | 1.4 | 1.2 | 0 - 9.5 | 0.97 | 0.76 | 0 - 9 | 0.73 | 181,352 | |

¹Portion of fruit and vegetables consumed < 5 portion per day in a week (WHO).

Table 11. 73 Proportion of Reasons for Not Eating Fruit in Population Aged ≥ 5 Years by Province, 2023 SKI

| Province | Reasons for Not Eating Fresh Fruit (%) | | | | | Weighted N |
|--------------------|--|----------------------|----------------------------------|---------------|-------------|---------------|
| | Dislike | Cannot afford to buy | Unavailable fruit (stock, price) | Bored or lazy | No benefits | |
| Aceh | 35.9 | 36.5 | 56.4 | 14.5 | 6.8 | 1,164 |
| North Sumatera | 18.7 | 53.2 | 58.6 | 7.3 | 2.5 | 3,461 |
| West Sumatera | 28.6 | 25.7 | 63.8 | 14.4 | 2.2 | 974 |
| Riau | 29.5 | 29.0 | 61.2 | 10.1 | 3.0 | 1,077 |
| Jambi | 20.7 | 18.6 | 70.6 | 16.4 | 4.7 | 396 |
| South Sumatera | 29.7 | 34.0 | 54.8 | 7.6 | 1.7 | 1,423 |
| Bengkulu | 26.9 | 36.4 | 67.3 | 14.9 | 3.6 | 284 |
| Lampung | 20.9 | 31.6 | 69.4 | 7.2 | 1.6 | 2,062 |
| Bangka Belitung | 34.8 | 27.9 | 51.2 | 8.8 | 2.8 | 202 |
| Riau Islands | 32.4 | 15.7 | 55.9 | 11.0 | 0.4 | 513 |
| DKI Jakarta | 52.4 | 18.5 | 34.0 | 15.1 | 0.7 | 2,576 |
| West Java | 25.1 | 29.9 | 59.1 | 10.6 | 1.1 | 12,695 |
| Central Java | 31.7 | 28.1 | 58.0 | 8.3 | 1.4 | 7,941 |
| DI Yogyakarta | 33.9 | 17.2 | 50.2 | 10.0 | 1.1 | 845 |
| East Java | 28.6 | 31.8 | 55.8 | 8.9 | 1.9 | 14,914 |
| Banten | 20.6 | 38.9 | 54.5 | 8.7 | 2.6 | 3,683 |
| Bali | 23.8 | 13.1 | 69.9 | 7.7 | 1.0 | 745 |
| West Nusa Tenggara | 16.5 | 48.9 | 59.5 | 6.4 | 1.5 | 1,681 |
| East Nusa Tenggara | 9.3 | 32.7 | 87.1 | 4.4 | 1.2 | 3,552 |
| West Kalimantan | 30.1 | 22.5 | 54.1 | 9.9 | 2.8 | 1,018 |
| Central Kalimantan | 21.3 | 20.1 | 77.5 | 8.9 | 2.4 | 857 |
| South Kalimantan | 30.4 | 15.5 | 62.3 | 11.3 | 1.0 | 997 |
| East Kalimantan | 22.6 | 23.2 | 65.4 | 8.7 | 1.4 | 1,429 |
| North Kalimantan | 33.3 | 10.6 | 56.0 | 19.2 | 2.2 | 282 |
| North Sulawesi | 32.3 | 17.1 | 63.5 | 15.8 | 2.9 | 684 |
| Central Sulawesi | 20.5 | 13.7 | 76.7 | 7.6 | 1.9 | 1,567 |
| South Sulawesi | 21.8 | 13.3 | 71.5 | 14.0 | 1.4 | 3,377 |
| Southeast Sulawesi | 19.4 | 14.6 | 75.0 | 12.5 | 1.9 | 1,151 |
| Gorontalo | 31.0 | 13.5 | 70.2 | 9.0 | 1.6 | 416 |
| West Sulawesi | 16.3 | 19.1 | 77.7 | 9.7 | 1.9 | 510 |
| Maluku | 15.4 | 13.1 | 83.4 | 6.7 | 0.9 | 1,878 |
| North Maluku | 14.8 | 9.9 | 82.9 | 7.2 | 0.8 | 594 |
| West Papua | 10.9 | 15.1 | 86.2 | 12.6 | 1.6 | 391 |
| Southwest Papua | 14.2 | 14.0 | 64.0 | 15.0 | 0.6 | 415 |
| Papua | 25.7 | 12.6 | 70.9 | 10.3 | 2.6 | 299 |
| South Papua | 7.7 | 31.4 | 84.1 | 5.4 | 1.7 | 491 |
| Central Papua | 14.2 | 39.7 | 76.7 | 9.2 | 8.3 | 565 |
| Highland Papua | 12.7 | 30.4 | 69.3 | 8.7 | 2.7 | 564 |
| INDONESIA | 25.4 | 28.6 | 61.8 | 9.5 | 1.8 | 77,674 |

Table 11. 74 Proportion of Reasons for Not Eating Fruit in Population Aged ≥ 5 Years by Characteristic, 2023 SKI

| Characteristic | Reasons for Not Eating Fresh Fruit (%) | | | | | Weighted N |
|--|--|----------------------|----------------------------------|---------------|-------------|------------|
| | Dislike | Cannot afford to buy | Unavailable fruit (stock, price) | Bored or lazy | No benefits | |
| Age Range | | | | | | |
| 5 – 9 | 44.2 | 21.5 | 49.1 | 8.0 | 1.1 | 6,718 |
| 10-14 | 34.6 | 22.5 | 57.8 | 10.5 | 1.5 | 7,217 |
| 15-19 | 33.8 | 21.8 | 57.1 | 12.2 | 1.5 | 7,308 |
| 20-24 | 28.9 | 19.9 | 61.7 | 12.5 | 2.3 | 6,703 |
| 25-29 | 27.5 | 22.9 | 60.9 | 12.7 | 2.1 | 5,823 |
| 30-34 | 24.7 | 25.9 | 61.3 | 10.2 | 1.7 | 5,282 |
| 35-39 | 21.6 | 29.0 | 64.1 | 9.6 | 2.2 | 5,582 |
| 40-44 | 19.8 | 30.0 | 64.4 | 9.7 | 1.9 | 5,549 |
| 45-49 | 19.6 | 34.7 | 63.5 | 9.5 | 1.8 | 5,358 |
| 50-54 | 17.3 | 38.0 | 67.9 | 8.4 | 1.9 | 4,752 |
| 55-59 | 16.2 | 35.9 | 65.0 | 6.8 | 2.3 | 4,578 |
| 60-64 | 14.9 | 36.6 | 68.8 | 7.4 | 1.5 | 4,229 |
| 65 + | 16.3 | 39.4 | 67.8 | 5.6 | 1.6 | 8,575 |
| Sex | | | | | | |
| Male | 27.9 | 25.9 | 60.8 | 10.5 | 1.9 | 42,081 |
| Female | 22.4 | 31.8 | 63.1 | 8.4 | 1.6 | 35,593 |
| Education | | | | | | |
| Never attended school | 27.9 | 34.6 | 60.3 | 6.6 | 2.0 | 10,011 |
| Some primary school | 27.9 | 30.8 | 60.9 | 8.7 | 1.5 | 13,686 |
| Primary school graduate | 19.4 | 33.2 | 66.6 | 7.3 | 1.7 | 24,341 |
| Junior secondary school graduate | 26.2 | 25.7 | 61.5 | 10.2 | 1.6 | 12,821 |
| Senior secondary school graduate | 29.9 | 19.7 | 56.8 | 14.4 | 2.0 | 14,735 |
| D1/D2/D3/university/graduate | 29.7 | 11.8 | 58.0 | 15.7 | 2.4 | 2,080 |
| Occupation | | | | | | |
| Unemployed | 21.5 | 31.7 | 63.2 | 8.9 | 1.9 | 21,259 |
| Student | 34.2 | 20.9 | 57.1 | 11.3 | 1.5 | 11,27 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 22.1 | 8.2 | 68.8 | 13.8 | 1.1 | 607 |
| Private employee | 36.5 | 18.0 | 46.8 | 14.3 | 1.6 | 4,361 |
| Self-employed | 28.0 | 23.3 | 58.0 | 14.1 | 2.0 | 6,933 |
| Farmer/farm worker/Buruh tani | 15.2 | 37.4 | 72.5 | 6.4 | 2.1 | 15,977 |
| Fisher | 16.6 | 24.9 | 78.0 | 7.0 | 2.0 | 1,062 |
| Labor/driver/domestic help | 22.7 | 33.6 | 60.7 | 9.6 | 1.4 | 6,187 |
| Others | 19.7 | 27.3 | 67.3 | 9.3 | 2.1 | 3,301 |
| Residence | | | | | | |
| Urban | 32.1 | 26.8 | 51.6 | 11.4 | 1.7 | 38,264 |
| Rural | 18.9 | 30.3 | 71.8 | 7.6 | 1.8 | 39,410 |
| Economic Status | | | | | | |
| Lowest | 14.6 | 40.6 | 73.3 | 5.3 | 1.7 | 22,560 |
| Lower Middle | 21.2 | 32.8 | 65.6 | 8.1 | 1.5 | 18,754 |
| Middle | 26.6 | 25.6 | 59.6 | 10.6 | 1.8 | 16,251 |
| Upper Middle | 35.3 | 17.7 | 52.2 | 13.4 | 2.1 | 12,718 |
| Highest | 49.3 | 6.6 | 38.5 | 16.9 | 2.0 | 7,390 |

Table 11. 75 Proportion of Reasons for Not Eating Vegetables in Population Aged ≥ 5 by Province, 2023 SKI

| Province | Reasons for Not Eating Vegetables (%) | | | | | Weighted N |
|--------------------|---------------------------------------|-------------|---------------------------------------|---------------|-------------|---------------|
| | Dislike | Not used to | Unavailable vegetables (stock, price) | Bored or lazy | No benefits | |
| Aceh | 90.4 | 30.2 | 11.0 | 20.0 | 5.7 | 601 |
| North Sumatera | 88.0 | 27.2 | 8.9 | 15.7 | 2.2 | 755 |
| West Sumatera | 74.6 | 27.1 | 15.6 | 15.7 | 4.6 | 613 |
| Riau | 92.2 | 27.9 | 10.6 | 14.2 | 4.3 | 611 |
| Jambi | 89.1 | 40.0 | 12.2 | 12.9 | 3.6 | 142 |
| South Sumatera | 83.5 | 25.1 | 8.9 | 12.0 | 2.3 | 644 |
| Bengkulu | 84.7 | 28.4 | 3.1 | 12.8 | 3.6 | 92 |
| Lampung | 82.4 | 20.0 | 13.8 | 10.2 | 3.1 | 534 |
| Bangka Belitung | 84.0 | 26.9 | 10.6 | 8.6 | 2.1 | 101 |
| Riau Islands | 85.6 | 25.4 | 12.3 | 3.8 | 2.6 | 176 |
| DKI Jakarta | 82.6 | 19.3 | 8.5 | 11.4 | 0.6 | 1,203 |
| West Java | 74.2 | 23.2 | 19.6 | 12.6 | 2.0 | 4,950 |
| Central Java | 89.2 | 21.3 | 6.3 | 8.8 | 1.7 | 1,781 |
| DI Yogyakarta | 88.2 | 16.4 | 6.0 | 4.8 | 0.2 | 180 |
| East Java | 86.6 | 19.6 | 9.3 | 8.9 | 1.8 | 3,103 |
| Banten | 77.7 | 29.2 | 12.7 | 7.5 | 1.4 | 961 |
| Bali | 94.5 | 17.4 | 3.6 | 11.4 | 2.5 | 189 |
| West Nusa Tenggara | 87.0 | 21.9 | 5.2 | 15.1 | 1.8 | 285 |
| East Nusa Tenggara | 78.5 | 24.3 | 17.3 | 20.0 | 2.9 | 109 |
| West Kalimantan | 92.4 | 24.4 | 3.3 | 8.0 | 1.9 | 356 |
| Central Kalimantan | 87.5 | 38.4 | 13.5 | 18.4 | 4.6 | 235 |
| South Kalimantan | 83.8 | 29.2 | 11.9 | 6.9 | 1.6 | 583 |
| East Kalimantan | 81.4 | 25.6 | 9.6 | 9.1 | 0.9 | 357 |
| North Kalimantan | 94.2 | 20.1 | 6.5 | 7.9 | 2.3 | 46 |
| North Sulawesi | 75.6 | 32.3 | 17.6 | 15.3 | 2.4 | 257 |
| Central Sulawesi | 66.2 | 22.0 | 27.2 | 12.8 | 1.9 | 281 |
| South Sulawesi | 83.1 | 21.6 | 13.5 | 18.5 | 2.3 | 991 |
| Southeast Sulawesi | 79.7 | 34.2 | 19.2 | 19.7 | 4.4 | 213 |
| Gorontalo | 68.8 | 31.1 | 14.3 | 6.8 | 7.6 | 85 |
| West Sulawesi | 68.4 | 21.9 | 23.6 | 12.6 | 3.3 | 99 |
| Maluku | 42.4 | 17.6 | 59.7 | 9.7 | 1.7 | 137 |
| North Maluku | 69.9 | 30.9 | 25.6 | 16.1 | 2.3 | 99 |
| West Papua | 75.7 | 21.9 | 30.5 | 15.6 | 0 | 17 |
| Southwest Papua | 58.4 | 20.4 | 34.0 | 21.7 | 0.1 | 29 |
| Papua | 74.4 | 21.5 | 15.9 | 26.5 | 4.4 | 28 |
| South Papua | 27.5 | 24.1 | 68.2 | 12.7 | 3.5 | 66 |
| Central Papua | 55.6 | 41.3 | 33.1 | 36.3 | 8.7 | 51 |
| Highland Papua | 32.5 | 35.2 | 15.2 | 31.0 | 9.9 | 41 |
| INDONESIA | 81.4 | 23.8 | 13.3 | 12.0 | 2.3 | 21,000 |

Table 11. 76 Proportion of Reasons for Not Eating Vegetables in Population Aged ≥ 5 by Characteristic, 2023 SKI

| Characteristic | Reasons for Not Eating Vegetables (%) | | | | | Weighted N |
|--|---------------------------------------|-------------|---------------------------------------|---------------|-------------|------------|
| | Dislike | Not used to | Unavailable vegetables (stock, price) | Bored or lazy | No benefits | |
| Age Range | | | | | | |
| 5 – 9 | 94.7 | 19.3 | 4.0 | 8.7 | 1.0 | 5,468 |
| 10-14 | 93.4 | 20.6 | 5.9 | 12.1 | 2.4 | 3,999 |
| 15-19 | 87.0 | 21.6 | 11.8 | 14.3 | 2.9 | 2,853 |
| 20-24 | 81.7 | 26.5 | 14.7 | 15.5 | 2.9 | 2,004 |
| 25-29 | 76.6 | 32.3 | 17.8 | 14.7 | 2.4 | 1,177 |
| 30-34 | 70.3 | 30.3 | 24.4 | 9.9 | 2.0 | 916 |
| 35-39 | 70.8 | 25.8 | 15.6 | 13.5 | 1.8 | 703 |
| 40-44 | 64.9 | 31.1 | 24.9 | 10.9 | 1.9 | 652 |
| 45-49 | 60.9 | 30.7 | 31.3 | 13.5 | 1.8 | 658 |
| 50-54 | 50.2 | 30.1 | 28.5 | 16.6 | 5.5 | 483 |
| 55-59 | 54.2 | 30.1 | 32.3 | 14.6 | 5.2 | 490 |
| 60-64 | 45.8 | 24.8 | 32.4 | 10.3 | 2.5 | 517 |
| 65 + | 42.0 | 28.1 | 31.3 | 10.3 | 3.4 | 1,081 |
| Sex | | | | | | |
| Male | 81.8 | 24.8 | 13.8 | 11.8 | 2.3 | 12,046 |
| Female | 80.9 | 22.5 | 12.7 | 12.1 | 2.2 | 8,954 |
| Education | | | | | | |
| Never attended school | 86.7 | 21.6 | 10.8 | 9.9 | 1.6 | 3,691 |
| Some primary school | 90.1 | 21.4 | 7.7 | 10.8 | 1.9 | 5,841 |
| Primary school graduate | 70.3 | 25.3 | 21.3 | 10.9 | 2.4 | 4,116 |
| Junior secondary school graduate | 79.1 | 23.0 | 15.5 | 12.8 | 2.1 | 2,889 |
| Senior secondary school graduate | 77.8 | 27.9 | 14.6 | 15.8 | 3.5 | 3,829 |
| D1/D2/D3/university/graduate | 76.2 | 27.1 | 10.5 | 14.2 | 1.4 | 633 |
| Occupation | | | | | | |
| Unemployed | 72.7 | 25.8 | 19.6 | 13.7 | 3.0 | 4,284 |
| Student | 91.3 | 20.6 | 7.2 | 13.0 | 2.6 | 5,434 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 59.8 | 27.1 | 19.6 | 14.9 | 2.6 | 174 |
| Private employee | 79.6 | 31.2 | 9.8 | 12.4 | 1.3 | 1,267 |
| Self-employed | 71.3 | 27.3 | 18.5 | 13.7 | 3.0 | 1,457 |
| Farmer/farm worker | 51.1 | 34.4 | 38.5 | 13.6 | 4.8 | 1,169 |
| Fisher | 38.7 | 21.3 | 53.2 | 11.3 | 2.1 | 150 |
| Labor/driver/domestic help | 67.7 | 27.0 | 22.7 | 10.3 | 1.0 | 1,023 |
| Others | 60.4 | 28.7 | 27.6 | 14.6 | 3.0 | 574 |
| Residence | | | | | | |
| Urban | 83.2 | 22.8 | 10.5 | 12.0 | 2.1 | 13,537 |
| Rural | 78.2 | 25.6 | 18.4 | 11.9 | 2.5 | 7,463 |
| Economic Status | | | | | | |
| Lowest | 62.7 | 23.9 | 31.6 | 12.7 | 2.5 | 2,701 |
| Lower Middle | 76.7 | 25.3 | 16.2 | 11.3 | 1.9 | 3,776 |
| Middle | 83.9 | 23.8 | 11.8 | 11.8 | 2.3 | 4,539 |
| Upper Middle | 85.6 | 25.0 | 9.6 | 12.6 | 2.5 | 5,162 |
| Highest | 88.8 | 21.2 | 6.3 | 11.6 | 2.2 | 4,823 |

11. 8 FOOD CONSUMPTION PATTERN

Indicators regarding food consumption patterns were collected to get an overview of daily food consumption in the population aged ≥ 5 years. The food groups asked about include cereals and processed products; tubers and processed products; nuts and processed products; vegetables and processed products; fruit and processed products; meat and processed products, fish and processed products; eggs, milk, and processed products; fats and oils and sugar; and processed products. This consumption pattern is identified based on the frequency of consuming these foods grouped into >1 time per day, 1-6 times per week and <3 times per month. Individual interviews were conducted using a structured questionnaire instrument.

Proportion of consumption habit pattern per certain food groups

$$\begin{aligned} & \frac{\sum \text{Household members aged } \geq 5 \text{ with consumption habit pattern of certain food group in province X}}{\text{All household members aged } \geq 5 \text{ in province } X} \\ &= \\ & \frac{\sum \text{Household members aged } \geq 5 \text{ with consumption habit pattern of certain food group by characteristic}}{\text{All household members aged } \geq 5 \text{ by characteristic}} \end{aligned}$$

Table 11. 77 Proportion of Consumption Pattern of Cereal and Its Processed Products in Population Aged ≥5 by Province, 2023 SKI

| Province | Consumption Pattern of Cereal and Its Processed Products (%95% CI) | | | Weighted N |
|--------------------|--|------------------------|------------------------|----------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Aceh | 76.3 (74.0 - 78.5) | 15.6 (14.0 - 17.3) | 8.1 (6.8 - 9.6) | 15,386 |
| North Sumatera | 79.3 (77.5 - 81.1) | 14.8 (13.3 - 16.4) | 5.9 (5.2 - 6.7) | 43,156 |
| West Sumatera | 88.0 (86.4 - 89.3) | 7.6 (6.7 - 8.7) | 4.4 (3.6 - 5.4) | 16,252 |
| Riau | 79.9 (77.1 - 82.5) | 14.9 (12.8 - 17.2) | 5.2 (4.2 - 6.5) | 18,680 |
| Jambi | 75.7 (72.8 - 78.4) | 17.2 (15.2 - 19.4) | 7.0 (5.7 - 8.6) | 10,376 |
| South Sumatera | 88.5 (87.1 - 89.9) | 8.4 (7.3 - 9.6) | 3.1 (2.6 - 3.7) | 24,705 |
| Bengkulu | 75.9 (72.9 - 78.6) | 17.9 (15.8 - 20.1) | 6.2 (5.0 - 7.7) | 5,884 |
| Lampung | 82.7 (80.4 - 84.8) | 12.3 (10.6 - 14.2) | 5.0 (4.0 - 6.2) | 26,335 |
| Bangka Belitung | 79.8 (76.3 - 82.8) | 16.5 (13.9 - 19.4) | 3.7 (2.8 - 4.9) | 4,278 |
| Riau Islands | 87.8 (84.9 - 90.1) | 9.5 (7.4 - 11.9) | 2.8 (2.0 - 3.9) | 6,058 |
| DKI Jakarta | 89.2 (86.9 - 91.1) | 8.9 (7.2 - 10.8) | 2.0 (1.4 - 2.7) | 30,579 |
| West Java | 92.0 (91.1 - 92.7) | 6.2 (5.5 - 6.9) | 1.9 (1.6 - 2.2) | 141,655 |
| Central Java | 94.0 (93.2 - 94.7) | 4.0 (3.6 - 4.5) | 2.0 (1.6 - 2.5) | 107,289 |
| DI Yogyakarta | 97.7 (96.9 - 98.3) | 1.8 (1.3 - 2.5) | 0.5 (0.3 - 0.7) | 10,782 |
| East Java | 91.8 (90.9 - 92.6) | 5.2 (4.7 - 5.9) | 3.0 (2.6 - 3.4) | 119,276 |
| Banten | 85.1 (82.4 - 87.4) | 12.4 (10.4 - 14.7) | 2.5 (2.0 - 3.3) | 34,933 |
| Bali | 96.5 (95.7 - 97.2) | 2.5 (2.0 - 3.2) | 0.9 (0.7 - 1.3) | 12,623 |
| West Nusa Tenggara | 92.5 (90.4 - 94.1) | 5.8 (4.4 - 7.6) | 1.7 (1.3 - 2.3) | 15,614 |
| East Nusa Tenggara | 82.0 (80.2 - 83.7) | 10.0 (9.1 - 11.0) | 8.0 (6.9 - 9.3) | 15,451 |
| West Kalimantan | 78.7 (76.0 - 81.1) | 15.7 (13.8 - 17.9) | 5.6 (4.4 - 7.1) | 15,851 |
| Central Kalimantan | 80.6 (78.2 - 82.8) | 13.9 (12.2 - 15.9) | 5.4 (4.4 - 6.7) | 7,827 |
| South Kalimantan | 83.7 (81.6 - 85.6) | 11.2 (9.8 - 12.7) | 5.1 (4.1 - 6.3) | 11,925 |
| East Kalimantan | 88.8 (86.7 - 90.7) | 8.4 (7.0 - 10.2) | 2.7 (2.1 - 3.6) | 11,118 |
| North Kalimantan | 81.8 (77.5 - 85.5) | 13.7 (10.6 - 17.5) | 4.5 (3.4 - 6.0) | 2,059 |
| North Sulawesi | 87.3 (85.4 - 89.0) | 8.9 (7.8 - 10.2) | 3.8 (2.9 - 4.9) | 7,661 |
| Central Sulawesi | 83.3 (81.4 - 85.0) | 10.9 (9.7 - 12.2) | 5.8 (4.9 - 7.0) | 8,694 |
| South Sulawesi | 87.1 (85.9 - 88.2) | 9.6 (8.6 - 10.6) | 3.4 (2.9 - 3.9) | 26,508 |
| Southeast Sulawesi | 82.0 (80.1 - 83.8) | 12.9 (11.5 - 14.4) | 5.1 (4.2 - 6.1) | 7,678 |
| Gorontalo | 78.0 (74.1 - 81.6) | 14.4 (12.3 - 16.8) | 7.5 (5.7 - 9.9) | 3,424 |
| West Sulawesi | 85.8 (83.2 - 88.0) | 10.4 (8.6 - 12.5) | 3.8 (2.8 - 5.2) | 4,132 |
| Maluku | 80.9 (78.2 - 83.3) | 14.5 (12.5 - 16.9) | 4.6 (3.7 - 5.6) | 5,384 |
| North Maluku | 79.2 (76.9 - 81.4) | 17.7 (15.7 - 19.9) | 3.0 (2.4 - 3.8) | 3,748 |
| West Papua | 75.9 (71.1 - 80.1) | 18.0 (14.7 - 21.9) | 6.1 (4.3 - 8.6) | 1,590 |
| Southwest Papua | 69.9 (63.9 - 75.4) | 19.0 (15.7 - 22.9) | 11.0 (7.8 - 15.3) | 1,724 |
| Papua | 73.5 (69.5 - 77.1) | 21.4 (18.2 - 24.9) | 5.2 (3.7 - 7.3) | 2,887 |
| South Papua | 49.3 (43.1 - 55.6) | 38.4 (33.2 - 43.8) | 12.3 (10.1 - 15.0) | 1,420 |
| Central Papua | 46.9 (40.1 - 53.7) | 36.9 (28.9 - 45.6) | 16.3 (12.0 - 21.6) | 4,113 |
| Highland Papua | 49.3 (42.6 - 56.0) | 29.2 (23.9 - 35.1) | 21.5 (15.0 - 29.8) | 4,113 |
| INDONESIA | 87.7 (87.4 - 88.0) | 8.8 (8.5 - 9.1) | 3.5 (3.4 - 3.7) | 791,167 |

Table 11. 78 Proportion of Consumption Pattern of Cereal and Its Processed Products in Population Aged ≥5 by Characteristic, 2023 SKI

| Characteristic | Consumption Pattern of Cereal and Its Processed Products (% ,95% CI) | | | Weighted N |
|--|--|----------------------|--------------------|------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Age Range (year) | | | | |
| 5 – 9 | 88.6 (88.1 - 89.1) | 8.8 (8.4 - 9.3) | 2.6 (2.4 - 2.8) | 67,770 |
| 10–14 | 87.9 (87.4 - 88.4) | 9.3 (8.8 - 9.8) | 2.8 (2.6 - 3.0) | 68,019 |
| 15-19 | 88.0 (87.4 - 88.5) | 8.8 (8.3 - 9.2) | 3.2 (2.9 - 3.6) | 68,283 |
| 20-24 | 87.4 (86.8 - 88.0) | 9.2 (8.7 - 9.7) | 3.4 (3.1 - 3.7) | 68,904 |
| 25-29 | 87.3 (86.7 - 87.9) | 9.2 (8.7 - 9.7) | 3.5 (3.2 - 3.8) | 69,326 |
| 30-34 | 87.4 (86.8 - 87.9) | 9.3 (8.8 - 9.8) | 3.3 (3.1 - 3.6) | 68,170 |
| 35-39 | 87.8 (87.2 - 88.3) | 8.7 (8.2 - 9.2) | 3.5 (3.3 - 3.8) | 66,123 |
| 40-44 | 87.4 (86.9 - 87.9) | 8.9 (8.5 - 9.3) | 3.7 (3.5 - 4.0) | 62,928 |
| 45-49 | 87.1 (86.5 - 87.7) | 9.0 (8.6 - 9.6) | 3.8 (3.6 - 4.1) | 58,958 |
| 50-54 | 87.7 (87.2 - 88.2) | 8.3 (7.9 - 8.8) | 4.0 (3.7 - 4.3) | 52,219 |
| 55-59 | 87.2 (86.6 - 87.8) | 8.5 (8.1 - 9.0) | 4.3 (3.9 - 4.6) | 44,416 |
| 60-64 | 87.8 (87.3 - 88.4) | 8.1 (7.6 - 8.6) | 4.1 (3.8 - 4.4) | 35,728 |
| 65 + | 88.2 (87.7 - 88.7) | 7.6 (7.2 - 8.0) | 4.2 (3.9 - 4.5) | 60,324 |
| Sex | | | | |
| Male | 87.5 (87.2 - 87.9) | 8.9 (8.6 - 9.2) | 3.6 (3.4 - 3.7) | 399,256 |
| Female | 87.9 (87.5 - 88.2) | 8.7 (8.4 - 9.0) | 3.5 (3.3 - 3.6) | 391,911 |
| Education | | | | |
| Never attended school | 86.7 (86.0 - 87.3) | 9.5 (9.0 - 10.0) | 3.8 (3.5 - 4.2) | 67,794 |
| Some primary school | 87.3 (86.8 - 87.7) | 9.2 (8.8 - 9.6) | 3.5 (3.3 - 3.8) | 112,837 |
| Primary school graduate | 87.8 (87.4 - 88.3) | 8.3 (8.0 - 8.7) | 3.8 (3.6 - 4.1) | 193,963 |
| Junior secondary school graduate | 87.8 (87.4 - 88.3) | 8.7 (8.4 - 9.1) | 3.4 (3.2 - 3.7) | 141,291 |
| Senior secondary school graduate | 88.0 (87.5 - 88.4) | 8.8 (8.5 - 9.2) | 3.2 (3.0 - 3.4) | 212,471 |
| D1/D2/D3/university/graduate | 87.8 (87.2 - 88.3) | 8.9 (8.5 - 9.4) | 3.3 (3.1 - 3.6) | 62,812 |
| Occupation | | | | |
| Unemployed | 88.6 (88.1 - 89.1) | 8.8 (8.4 - 9.3) | 2.6 (2.4 - 2.8) | 208,997 |
| Student | 87.2 (86.8 - 87.6) | 9.0 (8.7 - 9.4) | 3.8 (3.5 - 4.0) | 115,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 88.4 (87.9 - 88.8) | 8.8 (8.4 - 9.2) | 2.8 (2.6 - 3.1) | 20,409 |
| Private employee | 86.4 (85.6 - 87.2) | 9.9 (9.2 - 10.6) | 3.7 (3.4 - 4.1) | 74,808 |
| Self-employed | 90.0 (89.3 - 90.6) | 7.5 (6.9 - 8.1) | 2.5 (2.3 - 2.8) | 100,088 |
| Farmer/farm worker | 87.8 (87.2 - 88.3) | 8.7 (8.3 - 9.2) | 3.5 (3.2 - 3.8) | 105,791 |
| Fisher | 85.7 (85.1 - 86.3) | 9.4 (9.0 - 9.9) | 4.9 (4.6 - 5.2) | 5,254 |
| Labor/driver/domestic help | 85.3 (83.5 - 86.9) | 9.8 (8.6 - 11.2) | 4.9 (4.0 - 6.0) | 53,057 |
| Others | 90.4 (89.7 - 91.0) | 6.8 (6.3 - 7.3) | 2.8 (2.5 - 3.2) | 39,484 |
| Residence | | | | |
| Urban | 89.2 (88.8 - 89.6) | 8.0 (7.6 - 8.3) | 2.8 (2.6 - 3.0) | 462,718 |
| Rural | 85.5 (85.0 - 86.0) | 10.0 (9.6 - 10.4) | 4.5 (4.2 - 4.8) | 328,449 |
| Economic Status | | | | |
| Lowest | 84.3 (83.6 - 85.0) | 10.1 (9.5 - 10.7) | 5.6 (5.1 - 6.0) | 114,187 |
| Lower Middle | 87.8 (87.3 - 88.3) | 8.7 (8.3 - 9.1) | 3.5 (3.3 - 3.8) | 143,803 |
| Middle | 88.3 (87.8 - 88.8) | 8.4 (8.0 - 8.8) | 3.3 (3.1 - 3.6) | 167,615 |
| Upper Middle | 88.5 (88.0 - 89.0) | 8.4 (8.0 - 8.8) | 3.1 (2.9 - 3.4) | 184,152 |
| Highest | 88.4 (87.8 - 88.9) | 8.9 (8.4 - 9.3) | 2.8 (2.6 - 3.0) | 181,352 |

Table 11. 79 Proportion of Consumption Patterns of Starchy Tuber and Its Processed Product in Population Aged ≥5 by Province, 2023 SKI

| Province | Proportion of Consumption Patterns of Starchy Tuber and Processed Product (% ,95% CI) | | | Weighted N |
|--------------------|---|---------------------------|---------------------------|----------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 time per month | |
| Aceh | 3.8 (3.3 - 4.3) | 47.6 (45.6 - 49.5) | 48.6 (46.6 - 50.7) | 15,386 |
| North Sumatera | 5.4 (4.9 - 6.1) | 49.9 (48.1 - 51.7) | 44.7 (42.8 - 46.6) | 43,156 |
| West Sumatera | 7.0 (6.3 - 7.8) | 58.1 (56.4 - 59.9) | 34.9 (33.1 - 36.7) | 16,252 |
| Riau | 5.4 (4.6 - 6.4) | 58.0 (55.6 - 60.4) | 36.6 (34.2 - 39.0) | 18,680 |
| Jambi | 5.5 (4.7 - 6.5) | 59.8 (57.4 - 62.1) | 34.7 (32.3 - 37.1) | 10,376 |
| South Sumatera | 4.8 (4.2 - 5.4) | 62.5 (60.7 - 64.2) | 32.8 (31.1 - 34.5) | 24,705 |
| Bengkulu | 5.3 (4.5 - 6.3) | 60.2 (57.8 - 62.6) | 34.5 (32.1 - 36.9) | 5,884 |
| Lampung | 5.3 (4.6 - 6.1) | 58.4 (56.5 - 60.3) | 36.3 (34.3 - 38.3) | 26,335 |
| Bangka Belitung | 3.0 (2.4 - 3.6) | 46.1 (43.9 - 48.3) | 50.9 (48.7 - 53.2) | 4,278 |
| Riau Islands | 3.1 (2.3 - 4.1) | 37.9 (34.8 - 41.0) | 59.0 (55.8 - 62.1) | 6,058 |
| DKI Jakarta | 4.2 (3.6 - 4.8) | 45.7 (43.7 - 47.7) | 50.2 (48.1 - 52.2) | 30,579 |
| West Java | 5.9 (5.5 - 6.4) | 52.3 (51.2 - 53.3) | 41.8 (40.7 - 42.9) | 141,655 |
| Central Java | 7.2 (6.6 - 7.8) | 54.8 (53.9 - 55.7) | 38.0 (37.0 - 38.9) | 107,289 |
| DI Yogyakarta | 6.1 (5.2 - 7.0) | 54.7 (52.7 - 56.6) | 39.3 (37.2 - 41.4) | 10,782 |
| East Java | 5.5 (5.1 - 5.9) | 50.7 (49.6 - 51.7) | 43.9 (42.8 - 45.0) | 119,276 |
| Banten | 5.2 (4.5 - 6.0) | 52.7 (50.4 - 55.1) | 42.1 (39.7 - 44.5) | 34,933 |
| Bali | 5.4 (4.6 - 6.2) | 51.7 (49.1 - 54.2) | 42.9 (40.2 - 45.7) | 12,623 |
| West Nusa Tenggara | 5.7 (4.9 - 6.7) | 56.0 (54.1 - 58.0) | 38.2 (36.2 - 40.3) | 15,614 |
| East Nusa Tenggara | 7.6 (6.9 - 8.3) | 57.0 (55.5 - 58.6) | 35.4 (33.8 - 37.0) | 15,451 |
| West Kalimantan | 4.4 (3.4 - 5.6) | 51.4 (49.2 - 53.6) | 44.3 (42.0 - 46.5) | 15,851 |
| Central Kalimantan | 3.8 (3.1 - 4.6) | 62.7 (60.0 - 65.3) | 33.6 (31.0 - 36.3) | 7,827 |
| South Kalimantan | 3.8 (3.1 - 4.6) | 45.4 (43.2 - 47.6) | 50.8 (48.5 - 53.1) | 11,925 |
| East Kalimantan | 7.9 (6.6 - 9.5) | 46.3 (44.1 - 48.5) | 45.8 (43.2 - 48.4) | 11,118 |
| North Kalimantan | 6.9 (5.1 - 9.1) | 56.4 (52.9 - 59.9) | 36.7 (33.0 - 40.6) | 2,059 |
| North Sulawesi | 6.0 (5.2 - 6.8) | 51.0 (48.7 - 53.3) | 43.0 (40.7 - 45.4) | 7,661 |
| Central Sulawesi | 6.8 (6.0 - 7.7) | 53.4 (51.2 - 55.5) | 39.8 (37.6 - 42.1) | 8,694 |
| South Sulawesi | 5.1 (4.6 - 5.6) | 50.1 (48.8 - 51.4) | 44.8 (43.5 - 46.2) | 26,508 |
| Southeast Sulawesi | 8.5 (7.6 - 9.6) | 54.7 (53.0 - 56.4) | 36.8 (35.0 - 38.5) | 7,678 |
| Gorontalo | 2.6 (2.1 - 3.3) | 39.9 (37.2 - 42.7) | 57.4 (54.6 - 60.3) | 3,424 |
| West Sulawesi | 7.6 (6.1 - 9.3) | 46.6 (43.4 - 49.9) | 45.8 (42.3 - 49.3) | 4,132 |
| Maluku | 15.1 (13.4 - 16.9) | 54.5 (52.1 - 56.8) | 30.4 (28.2 - 32.8) | 5,384 |
| North Maluku | 19.1 (17.0 - 21.5) | 57.1 (54.4 - 59.8) | 23.8 (21.4 - 26.3) | 3,748 |
| West Papua | 19.3 (15.8 - 23.3) | 52.7 (48.7 - 56.5) | 28.1 (24.6 - 31.7) | 1,590 |
| Southwest Papua | 11.9 (10.1 - 14.0) | 47.3 (43.5 - 51.1) | 40.8 (36.6 - 45.1) | 1,724 |
| Papua | 14.3 (12.5 - 16.2) | 57.7 (54.7 - 60.6) | 28.0 (25.2 - 31.1) | 2,887 |
| South Papua | 13.9 (11.2 - 17.1) | 55.0 (51.4 - 58.6) | 31.1 (27.8 - 34.5) | 1,420 |
| Central Papua | 53.8 (47.4 - 60.1) | 29.7 (24.9 - 35.0) | 16.5 (12.9 - 20.8) | 4,113 |
| Highland Papua | 63.0 (57.1 - 68.6) | 21.7 (17.5 - 26.5) | 15.3 (11.9 - 19.4) | 4,113 |
| INDONESIA | 6.5 (6.3 - 6.7) | 52.5 (52.1 - 52.8) | 41.1 (40.7 - 41.4) | 791,167 |

Table 11. 80 Proportion of Consumption Patterns of Starchy Tuber and Its Processed Product in Population Aged ≥5 by Characteristic, 2023 SKI

| Characteristic | Proportion of Consumption Patterns of Starchy Tuber and Processed Product (% , 95% CI) | | | Weighted N |
|--|--|----------------------|--------------------|------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Age Range (year) | | | | |
| 5-9 | 5.0 (4.7 - 5.3) | 44.7 (44.1 - 45.4) | 50.3 (49.6 - 50.9) | 67,770 |
| 10-14 | 5.0 (4.7 - 5.4) | 47.1 (46.4 - 47.8) | 47.9 (47.2 - 48.6) | 68,019 |
| 15-19 | 5.3 (4.9 - 5.6) | 48.1 (47.4 - 48.9) | 46.6 (45.8 - 47.4) | 68,283 |
| 20-24 | 5.8 (5.4 - 6.2) | 49.3 (48.4 - 50.1) | 44.9 (44.1 - 45.8) | 68,904 |
| 25-29 | 6.3 (5.8 - 6.7) | 51.4 (50.6 - 52.2) | 42.3 (41.5 - 43.1) | 69,326 |
| 30-34 | 5.9 (5.6 - 6.3) | 52.4 (51.7 - 53.2) | 41.6 (40.9 - 42.4) | 68,170 |
| 35-39 | 6.5 (6.0 - 6.9) | 53.9 (53.2 - 54.7) | 39.6 (38.9 - 40.3) | 66,123 |
| 40-44 | 6.4 (6.1 - 6.7) | 54.5 (53.8 - 55.2) | 39.1 (38.4 - 39.8) | 62,928 |
| 45-49 | 7.0 (6.6 - 7.4) | 55.9 (55.1 - 56.6) | 37.2 (36.4 - 37.9) | 58,958 |
| 50-54 | 7.8 (7.4 - 8.3) | 56.9 (56.2 - 57.6) | 35.3 (34.5 - 36.0) | 52,219 |
| 55-59 | 8.0 (7.6 - 8.5) | 58.0 (57.2 - 58.8) | 34.0 (33.2 - 34.7) | 44,416 |
| 60-64 | 9.1 (8.6 - 9.7) | 58.2 (57.3 - 59.1) | 32.7 (31.9 - 33.5) | 35,728 |
| 65 + | 8.7 (8.3 - 9.1) | 58.4 (57.7 - 59.1) | 32.8 (32.2 - 33.5) | 60,324 |
| Sex | | | | |
| Male | 6.4 (6.2 - 6.6) | 52.4 (52.0 - 52.9) | 41.1 (40.7 - 41.6) | 399,256 |
| Female | 6.6 (6.4 - 6.8) | 52.5 (52.1 - 52.9) | 41.0 (40.6 - 41.4) | 391,911 |
| Education | | | | |
| Never attended school | 8.6 (8.1 - 9.2) | 48.7 (47.9 - 49.4) | 42.7 (41.9 - 43.5) | 67,794 |
| Some primary school | 6.3 (6.0 - 6.6) | 49.5 (48.9 - 50.1) | 44.2 (43.6 - 44.8) | 112,837 |
| Primary school graduate | 7.3 (7.0 - 7.6) | 55.7 (55.2 - 56.3) | 36.9 (36.4 - 37.5) | 193,963 |
| Junior secondary school graduate | 6.1 (5.9 - 6.4) | 53.1 (52.5 - 53.7) | 40.8 (40.2 - 41.4) | 141,291 |
| Senior secondary school graduate | 5.7 (5.5 - 5.9) | 51.7 (51.2 - 52.2) | 42.6 (42.1 - 43.1) | 212,471 |
| D1/D2/D3/university/graduate | 5.6 (5.3 - 5.9) | 52.8 (52.0 - 53.5) | 41.6 (40.9 - 42.4) | 62,812 |
| Occupation | | | | |
| Unemployed | 7.0 (6.8 - 7.3) | 53.7 (53.3 - 54.2) | 39.2 (38.8 - 39.7) | 208,997 |
| Student | 4.9 (4.6 - 5.2) | 47.0 (46.4 - 47.6) | 48.1 (47.4 - 48.8) | 115,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 6.9 (6.4 - 7.4) | 56.0 (54.9 - 57.0) | 37.2 (36.1 - 38.2) | 20,409 |
| Private employee | 4.8 (4.5 - 5.1) | 49.9 (49.0 - 50.8) | 45.3 (44.4 - 46.2) | 74,808 |
| Self-employed | 6.3 (5.9 - 6.6) | 54.3 (53.6 - 55.0) | 39.4 (38.7 - 40.1) | 100,088 |
| Farmer/farm worker | 9.0 (8.6 - 9.4) | 57.6 (57.0 - 58.3) | 33.3 (32.7 - 34.0) | 105,791 |
| Fisher | 6.4 (5.5 - 7.5) | 50.6 (47.8 - 53.4) | 42.9 (40.3 - 45.6) | 5,254 |
| Labor/driver/domestic help | 6.8 (6.3 - 7.4) | 55.7 (54.8 - 56.7) | 37.4 (36.5 - 38.4) | 53,057 |
| Others | 7.3 (6.8 - 7.7) | 55.0 (54.1 - 55.9) | 37.7 (36.8 - 38.6) | 39,484 |
| Residence | | | | |
| Urban | 5.7 (5.5 - 5.8) | 51.0 (50.6 - 51.5) | 43.3 (42.8 - 43.8) | 462,718 |
| Rural | 7.7 (7.3 - 8.0) | 54.5 (53.9 - 55.0) | 37.9 (37.3 - 38.5) | 328,449 |
| Economic Status | | | | |
| Lowest | 10.8 (10.2 - 11.4) | 52.8 (52.1 - 53.5) | 36.4 (35.7 - 37.1) | 114,187 |
| Lower Middle | 6.8 (6.4 - 7.1) | 54.5 (53.9 - 55.2) | 38.7 (38.1 - 39.4) | 143,803 |
| Middle | 6.0 (5.7 - 6.3) | 53.1 (52.4 - 53.7) | 40.9 (40.3 - 41.6) | 167,615 |
| Upper Middle | 5.5 (5.2 - 5.7) | 52.2 (51.6 - 52.8) | 42.3 (41.7 - 42.9) | 184,152 |
| Highest | 5.1 (4.8 - 5.3) | 50.3 (49.6 - 50.9) | 44.7 (44.0 - 45.3) | 181,352 |

Table 11. 81 Proportion of Consumption Patterns of Nut and Its Processed Products in Population Aged ≥5 by Province, 2023 SKI

| Province | Consumption Patterns of Nut and Its Processed Products (% ,95% CI) | | | Weighted N |
|--------------------|--|---------------------------|---------------------------|----------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Aceh | 7.2 (6.6 - 8.0) | 70.1 (68.4 - 71.7) | 22.7 (21.1 - 24.4) | 15,386 |
| North Sumatera | 6.8 (6.2 - 7.5) | 67.3 (65.8 - 68.8) | 25.9 (24.4 - 27.4) | 43,156 |
| West Sumatera | 10.5 (9.6 - 11.6) | 73.5 (72.2 - 74.7) | 16.0 (14.9 - 17.2) | 16,252 |
| Riau | 7.7 (6.8 - 8.7) | 75.4 (73.4 - 77.2) | 16.9 (15.2 - 18.8) | 18,680 |
| Jambi | 9.3 (7.9 - 10.8) | 70.7 (68.6 - 72.7) | 20.0 (18.2 - 22.0) | 10,376 |
| South Sumatera | 12.3 (11.0 - 13.7) | 74.1 (72.4 - 75.7) | 13.6 (12.4 - 15.0) | 24,705 |
| Bengkulu | 9.1 (8.0 - 10.4) | 76.7 (74.8 - 78.5) | 14.2 (12.6 - 16.0) | 5,884 |
| Lampung | 30.4 (28.4 - 32.6) | 58.7 (56.6 - 60.7) | 10.9 (9.6 - 12.3) | 26,335 |
| Bangka Belitung | 9.0 (7.8 - 10.3) | 73.1 (70.7 - 75.4) | 17.9 (15.8 - 20.2) | 4,278 |
| Riau Islands | 11.8 (9.4 - 14.7) | 63.5 (60.4 - 66.4) | 24.8 (21.9 - 27.9) | 6,058 |
| DKI Jakarta | 27.5 (25.2 - 29.9) | 58.0 (55.7 - 60.3) | 14.5 (12.4 - 16.8) | 30,579 |
| West Java | 35.0 (33.8 - 36.1) | 54.7 (53.7 - 55.8) | 10.3 (9.6 - 11.1) | 141,655 |
| Central Java | 50.4 (49.1 - 51.8) | 43.2 (42.1 - 44.4) | 6.3 (5.8 - 7.0) | 107,289 |
| DI Yogyakarta | 48.0 (45.4 - 50.7) | 47.7 (45.4 - 50.1) | 4.2 (3.3 - 5.4) | 10,782 |
| East Java | 42.4 (41.0 - 43.8) | 45.8 (44.6 - 47.1) | 11.8 (11.0 - 12.5) | 119,276 |
| Banten | 31.6 (29.1 - 34.1) | 57.2 (54.7 - 59.7) | 11.2 (9.7 - 12.9) | 34,933 |
| Bali | 14.6 (13.3 - 16.1) | 71.7 (70.0 - 73.4) | 13.7 (12.2 - 15.2) | 12,623 |
| West Nusa Tenggara | 18.5 (16.9 - 20.2) | 67.1 (65.4 - 68.8) | 14.4 (13.2 - 15.7) | 15,614 |
| East Nusa Tenggara | 6.9 (6.2 - 7.6) | 58.5 (57.0 - 60.0) | 34.6 (33.1 - 36.2) | 15,451 |
| West Kalimantan | 7.0 (5.9 - 8.2) | 71.4 (69.5 - 73.2) | 21.6 (20.0 - 23.4) | 15,851 |
| Central Kalimantan | 10.1 (9.0 - 11.3) | 74.3 (72.3 - 76.3) | 15.6 (13.9 - 17.5) | 7,827 |
| South Kalimantan | 11.6 (10.5 - 12.8) | 67.6 (65.8 - 69.3) | 20.8 (19.2 - 22.6) | 11,925 |
| East Kalimantan | 24.4 (21.9 - 26.9) | 61.9 (59.6 - 64.2) | 13.7 (12.2 - 15.4) | 11,118 |
| North Kalimantan | 8.0 (6.5 - 9.7) | 72.2 (69.1 - 75.1) | 19.9 (17.2 - 22.8) | 2,059 |
| North Sulawesi | 6.9 (6.1 - 7.8) | 57.7 (55.7 - 59.8) | 35.4 (33.3 - 37.5) | 7,661 |
| Central Sulawesi | 10.8 (9.6 - 12.1) | 62.5 (60.7 - 64.3) | 26.7 (25.0 - 28.5) | 8,694 |
| South Sulawesi | 10.0 (9.2 - 10.7) | 65.1 (64.0 - 66.3) | 24.9 (23.8 - 26.0) | 26,508 |
| Southeast Sulawesi | 9.3 (8.2 - 10.5) | 64.5 (63.0 - 66.0) | 26.2 (24.9 - 27.6) | 7,678 |
| Gorontalo | 4.9 (4.1 - 5.8) | 62.4 (59.9 - 64.8) | 32.8 (30.3 - 35.3) | 3,424 |
| West Sulawesi | 13.4 (11.5 - 15.4) | 65.6 (63.1 - 68.0) | 21.0 (18.9 - 23.3) | 4,132 |
| Maluku | 11.5 (10.2 - 13.0) | 56.3 (53.9 - 58.6) | 32.2 (30.1 - 34.3) | 5,384 |
| North Maluku | 15.0 (13.3 - 16.9) | 59.9 (57.6 - 62.2) | 25.1 (23.1 - 27.1) | 3,748 |
| West Papua | 13.9 (11.3 - 17.1) | 61.7 (57.3 - 65.9) | 24.4 (21.2 - 27.8) | 1,590 |
| Southwest Papua | 12.0 (10.1 - 14.3) | 54.8 (52.0 - 57.7) | 33.1 (30.3 - 36.1) | 1,724 |
| Papua | 13.2 (11.0 - 15.8) | 63.6 (60.5 - 66.6) | 23.2 (20.5 - 26.2) | 2,887 |
| South Papua | 15.3 (12.4 - 18.8) | 46.8 (42.7 - 50.9) | 37.9 (34.1 - 41.8) | 1,420 |
| Central Papua | 13.7 (10.7 - 17.3) | 55.8 (48.8 - 62.6) | 30.5 (24.3 - 37.6) | 4,113 |
| Highland Papua | 18.3 (14.9 - 22.1) | 49.7 (44.3 - 55.1) | 32.1 (27.0 - 37.6) | 4,113 |
| INDONESIA | 27.9 (27.5 - 28.3) | 57.3 (56.9 - 57.6) | 14.9 (14.6 - 15.1) | 791,167 |

Table 11. 82 Proportion of Consumption Patterns of Nut and Its Processed Products in Population Aged ≥5 by Characteristic, 2023 SKI

| Characteristic | Consumption Patterns of Nut and Its Processed Products (% 95% CI) | | | Weighted N |
|--|---|----------------------|--------------------|------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Age Range (year) | | | | |
| 5 - 9 | 25.1 (24.5 - 25.8) | 57.8 (57.2 - 58.5) | 17.0 (16.5 - 17.5) | 67,770 |
| 10-14 | 25.2 (24.5 - 25.8) | 58.3 (57.6 - 58.9) | 16.6 (16.1 - 17.1) | 68,019 |
| 15-19 | 25.6 (24.8 - 26.3) | 58.6 (57.8 - 59.4) | 15.8 (15.2 - 16.3) | 68,283 |
| 20-24 | 26.1 (25.3 - 26.9) | 58.6 (57.8 - 59.5) | 15.3 (14.7 - 15.9) | 68,904 |
| 25-29 | 26.8 (26.1 - 27.6) | 59.5 (58.7 - 60.3) | 13.6 (13.1 - 14.2) | 69,326 |
| 30-34 | 27.3 (26.6 - 28.0) | 59.3 (58.5 - 60.0) | 13.4 (12.9 - 14.0) | 68,170 |
| 35-39 | 29.4 (28.6 - 30.1) | 57.2 (56.5 - 58.0) | 13.4 (12.9 - 13.9) | 66,123 |
| 40-44 | 28.9 (28.2 - 29.6) | 57.6 (56.9 - 58.3) | 13.5 (13.0 - 14.0) | 62,928 |
| 45-49 | 29.8 (29.0 - 30.5) | 57.0 (56.2 - 57.7) | 13.3 (12.8 - 13.8) | 58,958 |
| 50-54 | 30.7 (30.0 - 31.5) | 55.9 (55.2 - 56.6) | 13.4 (12.9 - 13.9) | 52,219 |
| 55-59 | 31.1 (30.3 - 31.9) | 54.5 (53.7 - 55.3) | 14.4 (13.9 - 14.9) | 44,416 |
| 60-64 | 30.6 (29.7 - 31.5) | 53.8 (52.9 - 54.7) | 15.6 (15.0 - 16.2) | 35,728 |
| 65 + | 29.7 (28.9 - 30.4) | 52.7 (51.9 - 53.4) | 17.7 (17.1 - 18.2) | 60,324 |
| Sex | | | | |
| Male | 27.3 (26.9 - 27.7) | 57.6 (57.2 - 58.1) | 15.1 (14.8 - 15.4) | 399,256 |
| Female | 28.5 (28.1 - 28.9) | 56.9 (56.5 - 57.3) | 14.6 (14.3 - 14.9) | 391,911 |
| Education | | | | |
| Never attended school | 26.3 (25.6 - 27.1) | 55.7 (54.9 - 56.5) | 17.9 (17.4 - 18.5) | 67,794 |
| Some primary school | 25.3 (24.7 - 25.9) | 57.8 (57.2 - 58.4) | 16.9 (16.5 - 17.4) | 112,837 |
| Primary school graduate | 29.6 (29.0 - 30.2) | 55.7 (55.1 - 56.2) | 14.8 (14.4 - 15.2) | 193,963 |
| Junior secondary school graduate | 29.3 (28.7 - 29.9) | 56.7 (56.1 - 57.3) | 13.9 (13.5 - 14.3) | 141,291 |
| Senior secondary school graduate | 27.7 (27.2 - 28.2) | 58.3 (57.8 - 58.9) | 14.0 (13.6 - 14.3) | 212,471 |
| D1/D2/D3/university/graduate | 26.6 (25.9 - 27.3) | 60.4 (59.7 - 61.1) | 13.0 (12.5 - 13.5) | 62,812 |
| Occupation | | | | |
| Unemployed | 28.2 (27.7 - 28.7) | 57.1 (56.6 - 57.6) | 14.8 (14.4 - 15.1) | 208,997 |
| Student | 25.3 (24.7 - 25.9) | 58.7 (58.1 - 59.4) | 16.0 (15.5 - 16.5) | 115,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 25.4 (24.4 - 26.5) | 61.0 (60.0 - 62.1) | 13.5 (12.9 - 14.2) | 20,409 |
| Private employee | 32.1 (31.2 - 33.1) | 56.2 (55.3 - 57.0) | 11.7 (11.1 - 12.3) | 74,808 |
| Self-employed | 30.3 (29.6 - 31.0) | 57.0 (56.3 - 57.7) | 12.7 (12.2 - 13.1) | 100,088 |
| Farmer/farm worker | 25.2 (24.5 - 25.9) | 57.6 (56.9 - 58.3) | 17.3 (16.8 - 17.8) | 105,791 |
| Fisher | 13.9 (11.9 - 16.3) | 59.7 (56.8 - 62.6) | 26.4 (24.3 - 28.6) | 5,254 |
| Labor/driver/domestic help | 36.2 (35.2 - 37.2) | 52.5 (51.5 - 53.6) | 11.3 (10.6 - 11.9) | 53,057 |
| Others | 24.0 (23.1 - 24.9) | 58.8 (57.9 - 59.7) | 17.2 (16.5 - 17.9) | 39,484 |
| Residence | | | | |
| Urban | 30.7 (30.2 - 31.2) | 55.9 (55.4 - 56.4) | 13.4 (13.1 - 13.8) | 462,718 |
| Rural | 24.0 (23.3 - 24.6) | 59.2 (58.6 - 59.8) | 16.8 (16.4 - 17.3) | 328,449 |
| Economic Status | | | | |
| Lowest | 23.2 (22.5 - 24.0) | 56.2 (55.4 - 57.0) | 20.6 (20.0 - 21.2) | 114,187 |
| Lower Middle | 27.4 (26.7 - 28.0) | 57.3 (56.6 - 58.0) | 15.3 (14.9 - 15.8) | 143,803 |
| Middle | 29.3 (28.6 - 30.0) | 56.5 (55.9 - 57.2) | 14.2 (13.7 - 14.6) | 167,615 |
| Upper Middle | 29.7 (29.0 - 30.3) | 57.2 (56.6 - 57.9) | 13.1 (12.7 - 13.5) | 184,152 |
| Highest | 28.2 (27.5 - 28.8) | 58.6 (57.9 - 59.2) | 13.3 (12.8 - 13.7) | 181,352 |

Table 11. 83 Proportion of Consumption Patterns of Meat, Poultry, and Its Processed Products in Population Aged ≥5 by Province, 2023 SKI

| Province | Consumption Patterns of Meat, Poultry and Its Processed Products (%, 95% CI) | | | Weighted N |
|--------------------|---|---------------------------|---------------------------|----------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Aceh | 3.8 (3.3 - 4.4) | 41.2 (39.5 - 42.8) | 55.1 (53.4 - 56.8) | 15,386 |
| North Sumatera | 4.1 (3.6 - 4.7) | 62.0 (60.6 - 63.3) | 33.9 (32.5 - 35.3) | 43,156 |
| West Sumatera | 4.7 (4.1 - 5.2) | 68.3 (66.8 - 69.8) | 27.0 (25.5 - 28.6) | 16,252 |
| Riau | 4.9 (4.2 - 5.8) | 73.1 (71.2 - 74.9) | 21.9 (20.2 - 23.7) | 18,680 |
| Jambi | 4.2 (3.5 - 5.1) | 69.3 (67.2 - 71.4) | 26.5 (24.4 - 28.6) | 10,376 |
| South Sumatera | 5.7 (4.9 - 6.7) | 68.1 (66.2 - 69.9) | 26.2 (24.4 - 28.0) | 24,705 |
| Bengkulu | 5.5 (4.6 - 6.6) | 72.3 (70.3 - 74.3) | 22.1 (20.3 - 24.0) | 5,884 |
| Lampung | 4.8 (4.1 - 5.6) | 60.6 (58.5 - 62.7) | 34.6 (32.6 - 36.7) | 26,335 |
| Bangka Belitung | 6.6 (5.7 - 7.6) | 74.8 (72.9 - 76.7) | 18.5 (16.8 - 20.4) | 4,278 |
| Riau Islands | 9.5 (7.6 - 11.8) | 74.1 (71.2 - 76.8) | 16.4 (14.6 - 18.4) | 6,058 |
| DKI Jakarta | 10.1 (9.0 - 11.3) | 73.8 (71.8 - 75.6) | 16.1 (14.5 - 17.9) | 30,579 |
| West Java | 10.6 (10.0 - 11.1) | 71.6 (70.7 - 72.5) | 17.8 (17.0 - 18.7) | 141,655 |
| Central Java | 6.7 (6.3 - 7.1) | 69.4 (68.4 - 70.3) | 24.0 (23.0 - 24.9) | 107,289 |
| DI Yogyakarta | 8.6 (7.6 - 9.7) | 71.9 (70.3 - 73.6) | 19.5 (18.0 - 21.0) | 10,782 |
| East Java | 5.2 (4.8 - 5.5) | 66.0 (65.1 - 67.0) | 28.8 (27.9 - 29.7) | 119,276 |
| Banten | 7.7 (6.9 - 8.7) | 70.4 (68.3 - 72.3) | 21.9 (20.1 - 23.9) | 34,933 |
| Bali | 20.1 (18.6 - 21.8) | 72.1 (70.3 - 73.9) | 7.7 (6.8 - 8.8) | 12,623 |
| West Nusa Tenggara | 7.7 (6.8 - 8.7) | 62.9 (60.9 - 64.8) | 29.4 (27.5 - 31.4) | 15,614 |
| East Nusa Tenggara | 3.0 (2.5 - 3.5) | 35.8 (34.4 - 37.3) | 61.2 (59.7 - 62.7) | 15,451 |
| West Kalimantan | 5.5 (4.8 - 6.4) | 69.7 (67.9 - 71.5) | 24.7 (23.1 - 26.5) | 15,851 |
| Central Kalimantan | 10.0 (8.6 - 11.5) | 73.3 (71.3 - 75.2) | 16.7 (15.2 - 18.3) | 7,827 |
| South Kalimantan | 11.1 (10.1 - 12.3) | 67.8 (66.0 - 69.5) | 21.1 (19.6 - 22.6) | 11,925 |
| East Kalimantan | 10.3 (9.1 - 11.7) | 67.2 (65.1 - 69.3) | 22.4 (20.4 - 24.5) | 11,118 |
| North Kalimantan | 7.2 (5.7 - 9.1) | 64.1 (59.8 - 68.1) | 28.7 (24.9 - 33.0) | 2,059 |
| North Sulawesi | 4.7 (4.0 - 5.5) | 49.7 (47.7 - 51.7) | 45.6 (43.5 - 47.7) | 7,661 |
| Central Sulawesi | 3.5 (3.0 - 4.0) | 42.5 (40.5 - 44.6) | 54.0 (51.9 - 56.1) | 8,694 |
| South Sulawesi | 5.9 (5.3 - 6.6) | 46.8 (45.6 - 47.9) | 47.3 (46.0 - 48.6) | 26,508 |
| Southeast Sulawesi | 4.3 (3.7 - 5.0) | 34.4 (32.7 - 36.0) | 61.3 (59.6 - 63.0) | 7,678 |
| Gorontalo | 2.8 (2.1 - 3.6) | 30.3 (27.8 - 33.0) | 66.9 (64.0 - 69.6) | 3,424 |
| West Sulawesi | 3.6 (2.9 - 4.4) | 38.5 (35.9 - 41.1) | 57.9 (55.2 - 60.6) | 4,132 |
| Maluku | 5.1 (4.2 - 6.3) | 31.0 (28.6 - 33.4) | 63.9 (61.3 - 66.4) | 5,384 |
| North Maluku | 8.1 (7.0 - 9.3) | 35.4 (33.3 - 37.6) | 56.5 (54.2 - 58.8) | 3,748 |
| West Papua | 6.0 (4.5 - 7.9) | 51.2 (47.5 - 55.0) | 42.8 (38.7 - 47.0) | 1,590 |
| Southwest Papua | 7.4 (5.8 - 9.4) | 43.6 (40.4 - 47.0) | 48.9 (45.4 - 52.5) | 1,724 |
| Papua | 8.5 (6.8 - 10.6) | 54.4 (50.7 - 58.1) | 37.1 (33.4 - 40.9) | 2,887 |
| South Papua | 7.0 (5.5 - 9.0) | 61.9 (58.0 - 65.6) | 31.1 (27.7 - 34.7) | 1,420 |
| Central Papua | 10.3 (7.9 - 13.5) | 48.5 (42.4 - 54.6) | 41.2 (35.0 - 47.6) | 4,113 |
| Highland Papua | 10.1 (8.1 - 12.6) | 32.3 (26.8 - 38.2) | 57.6 (50.9 - 64.1) | 4,113 |
| INDONESIA | 7.2 (7.0 - 7.3) | 64.8 (64.5 - 65.2) | 28.0 (27.7 - 28.3) | 791,167 |

Table 11. 84 Proportion of Consumption Patterns of Meat, Poultry, and Its Processed Products in Population Aged ≥5 by Characteristic, 2023 SKI

| Characteristic | Consumption Patterns of Meat, Poultry and Its Processed Products (%, 95% CI) | | | Weighted N |
|--|---|----------------------|--------------------|------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Age Range (year) | | | | |
| 5 – 9 | 8.6 (8.2 - 8.9) | 67.5 (66.9 - 68.1) | 23.9 (23.4 - 24.5) | 67,770 |
| 10-14 | 8.0 (7.7 - 8.4) | 67.2 (66.6 - 67.8) | 24.8 (24.2 - 25.4) | 68,019 |
| 15-19 | 7.7 (7.3 - 8.1) | 67.1 (66.4 - 67.8) | 25.2 (24.6 - 25.9) | 68,283 |
| 20-24 | 8.1 (7.7 - 8.6) | 66.2 (65.4 - 67.0) | 25.7 (25.0 - 26.4) | 68,904 |
| 25-29 | 7.8 (7.4 - 8.2) | 67.5 (66.8 - 68.2) | 24.7 (24.1 - 25.4) | 69,326 |
| 30-34 | 7.8 (7.4 - 8.3) | 66.9 (66.2 - 67.6) | 25.3 (24.7 - 25.9) | 68,170 |
| 35-39 | 7.5 (7.1 - 7.8) | 66.4 (65.8 - 67.1) | 26.1 (25.5 - 26.7) | 66,123 |
| 40-44 | 7.2 (6.8 - 7.5) | 64.9 (64.2 - 65.5) | 28.0 (27.4 - 28.6) | 62,928 |
| 45-49 | 7.0 (6.7 - 7.4) | 64.3 (63.6 - 65.0) | 28.7 (28.0 - 29.3) | 58,958 |
| 50-54 | 6.3 (5.9 - 6.6) | 63.2 (62.5 - 63.9) | 30.6 (29.9 - 31.2) | 52,219 |
| 55-59 | 5.4 (5.0 - 5.7) | 61.7 (61.0 - 62.4) | 32.9 (32.2 - 33.7) | 44,416 |
| 60-64 | 4.9 (4.6 - 5.3) | 59.4 (58.6 - 60.3) | 35.7 (34.9 - 36.5) | 35,728 |
| 65 + | 4.6 (4.3 - 4.9) | 55.3 (54.6 - 56.0) | 40.1 (39.4 - 40.8) | 60,324 |
| Sex | | | | |
| Male | 7.1 (6.9 - 7.3) | 64.9 (64.6 - 65.3) | 28.0 (27.6 - 28.3) | 399,256 |
| Female | 7.2 (7.0 - 7.4) | 64.7 (64.4 - 65.1) | 28.1 (27.7 - 28.4) | 391,911 |
| Education | | | | |
| Never attended school | 6.8 (6.4 - 7.1) | 60.2 (59.4 - 60.9) | 33.1 (32.3 - 33.8) | 67,794 |
| Some primary school | 6.9 (6.6 - 7.2) | 63.0 (62.5 - 63.6) | 30.1 (29.5 - 30.6) | 112,837 |
| Primary school graduate | 5.0 (4.8 - 5.2) | 60.9 (60.4 - 61.4) | 34.1 (33.6 - 34.6) | 193,963 |
| Junior secondary school graduate | 6.3 (6.1 - 6.6) | 65.9 (65.3 - 66.4) | 27.8 (27.3 - 28.3) | 141,291 |
| Senior secondary school graduate | 8.4 (8.1 - 8.7) | 68.6 (68.1 - 69.0) | 23.0 (22.6 - 23.4) | 212,471 |
| D1/D2/D3/university/graduate | 12.4 (11.8 - 12.9) | 70.1 (69.5 - 70.8) | 17.5 (17.0 - 18.0) | 62,812 |
| Occupation | | | | |
| Unemployed | 6.9 (6.7 - 7.1) | 63.8 (63.4 - 64.3) | 29.3 (28.9 - 29.7) | 208,997 |
| Student | 8.1 (7.8 - 8.5) | 68.0 (67.4 - 68.6) | 23.8 (23.3 - 24.4) | 115,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 10.8 (10.1 - 11.6) | 69.2 (68.3 - 70.1) | 20.0 (19.2 - 20.7) | 20,409 |
| Private employee | 10.5 (10.0 - 11.1) | 73.2 (72.4 - 73.9) | 16.3 (15.7 - 17.0) | 74,808 |
| Self-employed | 7.7 (7.4 - 8.0) | 67.6 (67.0 - 68.2) | 24.7 (24.1 - 25.3) | 100,088 |
| Farmer/farm worker | 3.1 (2.9 - 3.3) | 54.0 (53.4 - 54.7) | 42.9 (42.2 - 43.6) | 105,791 |
| Fisher | 4.9 (4.0 - 6.0) | 48.7 (46.0 - 51.4) | 46.4 (43.8 - 49.0) | 5,254 |
| Labor/driver/domestic help | 5.5 (5.1 - 6.0) | 66.3 (65.3 - 67.2) | 28.2 (27.3 - 29.1) | 53,057 |
| Others | 6.9 (6.5 - 7.4) | 60.4 (59.6 - 61.3) | 32.6 (31.8 - 33.4) | 39,484 |
| Residence | | | | |
| Urban | 9.1 (8.9 - 9.4) | 69.1 (68.7 - 69.5) | 21.8 (21.4 - 22.2) | 462,718 |
| Rural | 4.4 (4.2 - 4.6) | 58.8 (58.3 - 59.4) | 36.8 (36.2 - 37.4) | 328,449 |
| Economic Status | | | | |
| Lowest | 3.2 (3.0 - 3.5) | 48.4 (47.7 - 49.1) | 48.4 (47.6 - 49.1) | 114,187 |
| Lower Middle | 4.2 (4.0 - 4.4) | 59.7 (59.0 - 60.3) | 36.1 (35.5 - 36.8) | 143,803 |
| Middle | 5.6 (5.4 - 5.9) | 65.6 (65.0 - 66.1) | 28.8 (28.3 - 29.4) | 167,615 |
| Upper Middle | 7.8 (7.5 - 8.1) | 70.4 (69.8 - 70.9) | 21.8 (21.3 - 22.4) | 184,152 |
| Highest | 12.7 (12.3 - 13.1) | 73.0 (72.5 - 73.5) | 14.3 (13.9 - 14.7) | 181,352 |

Table 11. 85 Proportion of Consumption Patterns of Fish and Its Processed Products in Population Aged ≥5 by Province, 2023 SKI

| Province | Consumption Patterns of Fish and Its Processed Products (%,95% CI) | | | Weighted N |
|--------------------|---|---------------------------|---------------------------|----------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Aceh | 37.8 (35.9 - 39.8) | 52.9 (51.1 - 54.8) | 9.3 (8.3 - 10.3) | 15,386 |
| North Sumatera | 16.9 (15.6 - 18.1) | 68.3 (66.8 - 69.6) | 14.9 (13.8 - 16.0) | 43,156 |
| West Sumatera | 12.4 (11.4 - 13.4) | 78.5 (77.2 - 79.7) | 9.2 (8.4 - 10.0) | 16,252 |
| Riau | 10.9 (9.7 - 12.2) | 75.7 (73.9 - 77.5) | 13.3 (11.9 - 15.0) | 18,680 |
| Jambi | 6.9 (5.8 - 8.2) | 72.7 (70.5 - 74.8) | 20.4 (18.4 - 22.6) | 10,376 |
| South Sumatera | 11.6 (10.4 - 12.8) | 74.9 (73.3 - 76.5) | 13.5 (12.3 - 14.8) | 24,705 |
| Bengkulu | 7.8 (6.7 - 9.1) | 78.9 (77.0 - 80.6) | 13.3 (11.9 - 14.9) | 5,884 |
| Lampung | 7.5 (6.7 - 8.5) | 70.2 (68.3 - 72.1) | 22.2 (20.5 - 24.1) | 26,335 |
| Bangka Belitung | 26.4 (24.2 - 28.8) | 65.6 (63.4 - 67.8) | 8.0 (6.8 - 9.3) | 4,278 |
| Riau Islands | 16.9 (14.6 - 19.6) | 75.2 (72.2 - 78.1) | 7.8 (6.6 - 9.2) | 6,058 |
| DKI Jakarta | 7.2 (6.3 - 8.3) | 70.7 (68.6 - 72.8) | 22.0 (20.0 - 24.2) | 30,579 |
| West Java | 7.9 (7.4 - 8.6) | 61.9 (60.9 - 62.9) | 30.1 (29.2 - 31.1) | 141,655 |
| Central Java | 7.0 (6.4 - 7.5) | 61.7 (60.7 - 62.8) | 31.3 (30.3 - 32.4) | 107,289 |
| DI Yogyakarta | 4.0 (3.4 - 4.7) | 59.7 (57.4 - 62.0) | 36.3 (33.9 - 38.8) | 10,782 |
| East Java | 10.6 (9.9 - 11.3) | 62.6 (61.6 - 63.7) | 26.8 (25.9 - 27.8) | 119,276 |
| Banten | 11.2 (9.9 - 12.6) | 73.7 (71.9 - 75.5) | 15.1 (13.7 - 16.6) | 34,933 |
| Bali | 8.3 (7.1 - 9.5) | 69.1 (66.8 - 71.2) | 22.7 (20.5 - 25.0) | 12,623 |
| West Nusa Tenggara | 21.6 (19.7 - 23.7) | 61.0 (58.9 - 63.0) | 17.4 (15.8 - 19.1) | 15,614 |
| East Nusa Tenggara | 16.9 (15.6 - 18.3) | 53.4 (51.8 - 55.0) | 29.7 (28.2 - 31.2) | 15,451 |
| West Kalimantan | 12.2 (10.7 - 13.8) | 70.5 (68.6 - 72.3) | 17.3 (15.9 - 18.9) | 15,851 |
| Central Kalimantan | 18.6 (16.9 - 20.5) | 72.2 (70.1 - 74.1) | 9.2 (8.1 - 10.4) | 7,827 |
| South Kalimantan | 36.5 (34.4 - 38.8) | 55.1 (52.9 - 57.3) | 8.4 (7.4 - 9.4) | 11,925 |
| East Kalimantan | 28.6 (26.2 - 31.0) | 63.7 (61.3 - 66.0) | 7.7 (6.8 - 8.7) | 11,118 |
| North Kalimantan | 20.2 (17.4 - 23.3) | 66.9 (63.3 - 70.4) | 12.9 (10.1 - 16.3) | 2,059 |
| North Sulawesi | 48.9 (46.3 - 51.5) | 43.1 (40.8 - 45.4) | 8.0 (6.8 - 9.4) | 7,661 |
| Central Sulawesi | 37.7 (35.6 - 39.9) | 53.0 (50.9 - 55.2) | 9.2 (8.2 - 10.3) | 8,694 |
| South Sulawesi | 48.7 (47.1 - 50.3) | 43.6 (42.1 - 45.0) | 7.8 (7.2 - 8.4) | 26,508 |
| Southeast Sulawesi | 61.2 (59.3 - 63.2) | 32.3 (30.5 - 34.1) | 6.5 (5.7 - 7.4) | 7,678 |
| Gorontalo | 59.7 (56.5 - 62.8) | 33.2 (30.3 - 36.3) | 7.1 (5.9 - 8.6) | 3,424 |
| West Sulawesi | 48.4 (44.8 - 52.0) | 41.9 (38.9 - 44.9) | 9.7 (8.0 - 11.8) | 4,132 |
| Maluku | 68.1 (65.9 - 70.2) | 26.2 (24.2 - 28.2) | 5.7 (4.9 - 6.7) | 5,384 |
| North Maluku | 63.5 (60.8 - 66.2) | 29.4 (26.9 - 32.0) | 7.1 (5.9 - 8.5) | 3,748 |
| West Papua | 27.6 (24.4 - 31.1) | 56.0 (52.6 - 59.4) | 16.4 (13.5 - 19.7) | 1,590 |
| Southwest Papua | 44.7 (40.9 - 48.5) | 44.9 (41.7 - 48.3) | 10.4 (8.8 - 12.2) | 1,724 |
| Papua | 30.2 (26.7 - 33.9) | 56.8 (53.2 - 60.4) | 13.0 (10.7 - 15.6) | 2,887 |
| South Papua | 25.0 (21.2 - 29.1) | 60.2 (56.0 - 64.4) | 14.8 (12.1 - 18.0) | 1,420 |
| Central Papua | 15.1 (12.1 - 18.7) | 42.2 (35.7 - 49.0) | 42.7 (35.8 - 49.9) | 4,113 |
| Highland Papua | 10.6 (8.6 - 13.0) | 29.8 (24.3 - 30.6) | 59.6 (52.5 - 66.4) | 4,113 |
| INDONESIA | 15.1 (14.9 - 15.4) | 62.7 (62.4 - 63.1) | 22.1 (21.8 - 22.5) | 791,167 |

Table 11. 86 Proportion of Consumption Patterns of Fish and Its Processed Products in Population Aged ≥5 by Characteristic, 2023 SKI

| Characteristic | Consumption Patterns of Fish and Its Processed Products (%) _{95% CI} | | | Weighted N |
|--|---|----------------------|--------------------|------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Age Range (year) | | | | |
| 5-9 | 15.5 (15.1 - 16.0) | 64.8 (64.2 - 65.4) | 19.6 (19.1 - 20.2) | 67,770 |
| 10-14 | 15.2 (14.7 - 15.6) | 64.4 (63.8 - 65.1) | 20.4 (19.9 - 21.0) | 68,019 |
| 15-19 | 14.5 (14.1 - 15.0) | 63.5 (62.7 - 64.2) | 22.0 (21.3 - 22.7) | 68,283 |
| 20-24 | 15.2 (14.6 - 15.7) | 63.3 (62.5 - 64.0) | 21.6 (20.9 - 22.3) | 68,904 |
| 25-29 | 15.3 (14.8 - 15.9) | 64.1 (63.3 - 64.8) | 20.6 (19.9 - 21.3) | 69,326 |
| 30-34 | 15.4 (14.9 - 15.9) | 64.6 (63.9 - 65.3) | 20.0 (19.3 - 20.6) | 68,170 |
| 35-39 | 15.6 (15.2 - 16.1) | 63.9 (63.1 - 64.6) | 20.5 (19.9 - 21.2) | 66,123 |
| 40-44 | 15.9 (15.4 - 16.4) | 62.9 (62.2 - 63.5) | 21.2 (20.6 - 21.9) | 62,928 |
| 45-49 | 15.6 (15.1 - 16.1) | 63.0 (62.3 - 63.7) | 21.4 (20.8 - 22.0) | 58,958 |
| 50-54 | 15.0 (14.6 - 15.5) | 62.2 (61.5 - 62.9) | 22.8 (22.1 - 23.4) | 52,219 |
| 55-59 | 15.5 (15.0 - 16.0) | 59.8 (59.0 - 60.6) | 24.7 (24.0 - 25.4) | 44,416 |
| 60-64 | 14.8 (14.3 - 15.4) | 58.5 (57.7 - 59.4) | 26.7 (25.9 - 27.5) | 35,728 |
| 65 + | 12.9 (12.5 - 13.3) | 56.8 (56.1 - 57.5) | 30.3 (29.6 - 31.0) | 60,324 |
| Sex | | | | |
| Male | 14.8 (14.5 - 15.1) | 62.9 (62.5 - 63.3) | 22.3 (21.9 - 22.7) | 399,256 |
| Female | 15.5 (15.2 - 15.7) | 62.5 (62.2 - 62.9) | 22.0 (21.6 - 22.3) | 391,911 |
| Education | | | | |
| Never attended school | 13.9 (13.4 - 14.5) | 59.8 (59.0 - 60.5) | 26.3 (25.5 - 27.0) | 67,794 |
| Some primary school | 15.7 (15.3 - 16.2) | 61.7 (61.1 - 62.3) | 22.6 (22.1 - 23.1) | 112,837 |
| Primary school graduate | 14.1 (13.7 - 14.5) | 60.3 (59.8 - 60.9) | 25.6 (25.1 - 26.1) | 193,963 |
| Junior secondary school graduate | 14.3 (13.9 - 14.6) | 63.0 (62.4 - 63.6) | 22.7 (22.2 - 23.3) | 141,291 |
| Senior secondary school graduate | 15.6 (15.2 - 15.9) | 65.1 (64.6 - 65.6) | 19.3 (18.9 - 19.8) | 212,471 |
| D1/D2/D3/university/graduate | 19.0 (18.5 - 19.5) | 66.6 (65.9 - 67.3) | 14.4 (13.9 - 14.9) | 62,812 |
| Occupation | | | | |
| Unemployed | 15.9 (15.6 - 16.2) | 62.0 (61.6 - 62.5) | 22.0 (21.6 - 22.5) | 208,997 |
| Student | 14.8 (14.4 - 15.2) | 64.6 (64.0 - 65.2) | 20.6 (20.1 - 21.2) | 115,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 21.7 (20.9 - 22.5) | 64.6 (63.6 - 65.5) | 13.7 (13.0 - 14.5) | 20,409 |
| Private employee | 11.2 (10.7 - 11.7) | 68.2 (67.4 - 69.0) | 20.6 (19.9 - 21.3) | 74,808 |
| Self-employed | 15.0 (14.5 - 15.4) | 64.1 (63.5 - 64.8) | 20.9 (20.3 - 21.5) | 100,088 |
| Farmer/farm worker | 13.6 (13.2 - 14.0) | 58.4 (57.8 - 59.1) | 28.0 (27.3 - 28.6) | 105,791 |
| Fisher | 47.8 (45.0 - 50.5) | 44.9 (42.4 - 47.4) | 7.4 (6.4 - 8.5) | 5,254 |
| Labor/driver/domestic help | 10.8 (10.2 - 11.4) | 61.1 (60.1 - 62.0) | 28.2 (27.2 - 29.1) | 53,057 |
| Others | 21.4 (20.7 - 22.1) | 58.4 (57.5 - 59.3) | 20.2 (19.4 - 21.0) | 39,484 |
| Residence | | | | |
| Urban | 14.3 (14.0 - 14.6) | 64.6 (64.1 - 65.0) | 21.2 (20.8 - 21.6) | 462,718 |
| Rural | 16.4 (16.0 - 16.8) | 60.1 (59.5 - 60.7) | 23.5 (22.9 - 24.1) | 328,449 |
| Economic Status | | | | |
| Lowest | 15.5 (15.0 - 15.9) | 53.2 (52.4 - 54.0) | 31.3 (30.5 - 32.1) | 114,187 |
| Lower Middle | 16.0 (15.5 - 16.4) | 59.5 (58.9 - 60.2) | 24.5 (23.9 - 25.1) | 143,803 |
| Middle | 14.8 (14.4 - 15.2) | 62.9 (62.3 - 63.5) | 22.3 (21.8 - 22.9) | 167,615 |
| Upper Middle | 14.3 (13.8 - 14.7) | 65.2 (64.6 - 65.8) | 20.5 (20.0 - 21.1) | 184,152 |
| Highest | 15.5 (15.1 - 15.9) | 68.6 (68.0 - 69.2) | 15.9 (15.4 - 16.4) | 181,352 |

Table 11. 87 Proportion of Consumption Patterns of Egg and Its Processed Products in Population Aged ≥5 by Province, 2023 SKI

| Province | Consumption Patterns of Egg and Its Processed Products (%,95% CI) | | | Weighted N |
|--------------------|--|---------------------------|------------------------|----------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Aceh | 23.0 (21.5 - 24.5) | 69.7 (68.1 - 71.3) | 7.3 (6.6 - 8.1) | 15,386 |
| North Sumatera | 14.0 (12.8 - 15.3) | 76.3 (74.9 - 77.6) | 9.7 (8.9 - 10.5) | 43,156 |
| West Sumatera | 12.3 (11.3 - 13.3) | 80.3 (79.1 - 81.5) | 7.4 (6.7 - 8.1) | 16,252 |
| Riau | 14.7 (13.3 - 16.2) | 78.8 (77.2 - 80.4) | 6.5 (5.5 - 7.6) | 18,680 |
| Jambi | 10.8 (9.6 - 12.2) | 79.9 (78.2 - 81.6) | 9.2 (8.0 - 10.6) | 10,376 |
| South Sumatera | 15.7 (14.4 - 17.1) | 77.6 (76.0 - 79.1) | 6.8 (5.9 - 7.8) | 24,705 |
| Bengkulu | 9.8 (8.5 - 11.2) | 81.8 (80.1 - 83.4) | 8.4 (7.4 - 9.6) | 5,884 |
| Lampung | 15.2 (14.1 - 16.3) | 76.5 (75.1 - 77.8) | 8.3 (7.5 - 9.3) | 26,335 |
| Bangka Belitung | 16.5 (14.8 - 18.3) | 77.6 (75.8 - 79.4) | 5.9 (5.1 - 6.7) | 4,278 |
| Riau Islands | 19.0 (16.6 - 21.7) | 74.6 (71.8 - 77.2) | 6.4 (5.5 - 7.4) | 6,058 |
| DKI Jakarta | 30.5 (28.5 - 32.6) | 65.5 (63.5 - 67.5) | 4.0 (3.4 - 4.6) | 30,579 |
| West Java | 32.8 (31.8 - 33.9) | 60.9 (59.9 - 62.0) | 6.2 (5.8 - 6.6) | 141,655 |
| Central Java | 18.0 (17.3 - 18.7) | 72.5 (71.6 - 73.3) | 9.5 (9.0 - 10.0) | 107,289 |
| DI Yogyakarta | 20.7 (19.4 - 22.2) | 71.2 (69.6 - 72.7) | 8.1 (7.3 - 9.0) | 10,782 |
| East Java | 16.7 (15.9 - 17.4) | 72.8 (71.9 - 73.6) | 10.6 (10.0 - 11.2) | 119,276 |
| Banten | 23.8 (21.9 - 25.7) | 68.8 (66.9 - 70.8) | 7.4 (6.4 - 8.5) | 34,933 |
| Bali | 13.3 (12.1 - 14.7) | 80.7 (79.2 - 82.1) | 6.0 (5.3 - 6.8) | 12,623 |
| West Nusa Tenggara | 16.8 (15.5 - 18.2) | 71.4 (69.7 - 73.1) | 11.7 (10.6 - 12.9) | 15,614 |
| East Nusa Tenggara | 7.2 (6.5 - 8.0) | 59.0 (57.6 - 60.5) | 33.8 (32.3 - 35.3) | 15,451 |
| West Kalimantan | 20.0 (18.6 - 21.5) | 74.0 (72.4 - 75.6) | 6.0 (5.2 - 6.9) | 15,851 |
| Central Kalimantan | 17.5 (15.8 - 19.4) | 75.8 (73.8 - 77.6) | 6.7 (5.8 - 7.7) | 7,827 |
| South Kalimantan | 23.0 (21.5 - 24.6) | 70.7 (68.9 - 72.4) | 6.3 (5.6 - 7.1) | 11,925 |
| East Kalimantan | 25.1 (22.9 - 27.4) | 67.4 (65.0 - 69.8) | 7.5 (6.6 - 8.4) | 11,118 |
| North Kalimantan | 17.2 (14.8 - 19.8) | 72.3 (69.1 - 75.3) | 10.5 (8.1 - 13.5) | 2,059 |
| North Sulawesi | 11.9 (10.8 - 13.1) | 71.0 (69.3 - 72.6) | 17.2 (15.8 - 18.6) | 7,661 |
| Central Sulawesi | 13.2 (12.1 - 14.5) | 71.7 (70.1 - 73.3) | 15.0 (13.8 - 16.4) | 8,694 |
| South Sulawesi | 18.9 (17.9 - 19.9) | 68.4 (67.3 - 69.5) | 12.7 (12.1 - 13.4) | 26,508 |
| Southeast Sulawesi | 18.1 (16.7 - 19.6) | 66.9 (65.4 - 68.4) | 15.0 (14.0 - 15.9) | 7,678 |
| Gorontalo | 10.9 (9.3 - 12.8) | 73.3 (70.8 - 75.6) | 15.8 (14.0 - 17.7) | 3,424 |
| West Sulawesi | 13.3 (11.8 - 15.0) | 70.2 (68.1 - 72.2) | 16.5 (14.9 - 18.2) | 4,132 |
| Maluku | 15.0 (13.6 - 16.5) | 64.3 (62.2 - 66.3) | 20.7 (18.8 - 22.7) | 5,384 |
| North Maluku | 25.8 (23.6 - 28.1) | 59.0 (56.6 - 61.4) | 15.2 (13.6 - 17.0) | 3,748 |
| West Papua | 15.4 (13.0 - 18.2) | 64.4 (61.2 - 67.4) | 20.2 (17.2 - 23.5) | 1,590 |
| Southwest Papua | 17.8 (15.3 - 20.7) | 59.4 (56.4 - 62.4) | 22.8 (19.9 - 25.9) | 1,724 |
| Papua | 15.1 (12.8 - 17.6) | 62.4 (59.0 - 65.7) | 22.5 (19.5 - 25.8) | 2,887 |
| South Papua | 8.4 (6.7 - 10.5) | 58.7 (54.9 - 62.4) | 32.9 (29.4 - 36.6) | 1,420 |
| Central Papua | 12.9 (10.2 - 16.2) | 50.5 (43.6 - 57.4) | 36.6 (29.9 - 43.8) | 4,113 |
| Highland Papua | 15.6 (12.5 - 19.4) | 36.0 (31.4 - 40.9) | 48.3 (42.1 - 54.7) | 4,113 |
| INDONESIA | 20.3 (20.0 - 20.6) | 70.0 (69.7 - 70.4) | 9.7 (9.5 - 9.8) | 791,167 |

Table 11. 88 Proportion of Consumption Patterns of Egg and Its Processed Products in Population Aged ≥5 by Characteristic, 2023 SKI

| Characteristic | Consumption Patterns of Egg and Its Processed Products (% ,95% CI) | | | Weighted N |
|--|--|----------------------|--------------------|------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Age Range (year) | | | | |
| 5-9 | 26.9 (26.3 - 27.5) | 66.6 (65.9 - 67.2) | 6.5 (6.2 - 6.9) | 67,770 |
| 10-14 | 23.9 (23.3 - 24.5) | 68.9 (68.3 - 69.6) | 7.2 (6.8 - 7.5) | 68,019 |
| 15-19 | 20.9 (20.2 - 21.6) | 71.1 (70.4 - 71.8) | 8.0 (7.6 - 8.4) | 68,283 |
| 20-24 | 19.6 (18.9 - 20.3) | 71.6 (70.9 - 72.4) | 8.8 (8.3 - 9.2) | 68,904 |
| 25-29 | 20.0 (19.3 - 20.6) | 71.8 (71.0 - 72.5) | 8.3 (7.9 - 8.7) | 69,326 |
| 30-34 | 21.6 (20.9 - 22.2) | 69.9 (69.2 - 70.6) | 8.5 (8.1 - 9.0) | 68,170 |
| 35-39 | 21.9 (21.2 - 22.5) | 69.6 (68.9 - 70.2) | 8.6 (8.2 - 9.0) | 66,123 |
| 40-44 | 20.9 (20.3 - 21.5) | 70.3 (69.6 - 70.9) | 8.8 (8.5 - 9.2) | 62,928 |
| 45-49 | 19.3 (18.7 - 19.9) | 70.9 (70.2 - 71.5) | 9.8 (9.4 - 10.2) | 58,958 |
| 50-54 | 18.5 (17.9 - 19.1) | 70.6 (69.9 - 71.2) | 10.9 (10.5 - 11.3) | 52,219 |
| 55-59 | 17.3 (16.6 - 17.9) | 70.1 (69.4 - 70.8) | 12.6 (12.1 - 13.1) | 44,416 |
| 60-64 | 15.5 (14.9 - 16.2) | 70.4 (69.6 - 71.1) | 14.1 (13.5 - 14.7) | 35,728 |
| 65 + | 13.0 (12.5 - 13.5) | 69.2 (68.5 - 69.8) | 17.8 (17.3 - 18.4) | 60,324 |
| Sex | | | | |
| Male | 19.8 (19.5 - 20.2) | 70.6 (70.2 - 70.9) | 9.6 (9.4 - 9.8) | 399,256 |
| Female | 20.8 (20.4 - 21.1) | 69.5 (69.2 - 69.9) | 9.7 (9.5 - 9.9) | 391,911 |
| Education | | | | |
| Never attended school | 21.0 (20.4 - 21.6) | 65.8 (65.1 - 66.5) | 13.3 (12.7 - 13.9) | 67,794 |
| Some primary school | 21.5 (21.0 - 22.0) | 68.4 (67.9 - 69.0) | 10.1 (9.7 - 10.4) | 112,837 |
| Primary school graduate | 17.5 (17.1 - 17.9) | 70.7 (70.2 - 71.2) | 11.8 (11.5 - 12.1) | 193,963 |
| Junior secondary school graduate | 20.0 (19.5 - 20.5) | 70.9 (70.4 - 71.5) | 9.1 (8.7 - 9.4) | 141,291 |
| Senior secondary school graduate | 21.2 (20.7 - 21.6) | 71.1 (70.7 - 71.6) | 7.7 (7.5 - 7.9) | 212,471 |
| D1/D2/D3/university/graduate | 23.8 (23.1 - 24.5) | 69.8 (69.1 - 70.6) | 6.4 (6.1 - 6.7) | 62,812 |
| Occupation | | | | |
| Unemployed | 20.8 (20.4 - 21.2) | 68.9 (68.4 - 69.3) | 10.3 (10 - 10.6) | 208,997 |
| Student | 22.5 (21.9 - 23.0) | 70.4 (69.8 - 71.0) | 7.1 (6.9 - 7.5) | 115,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 21.9 (21.0 - 22.9) | 70.8 (69.8 - 71.7) | 7.3 (6.8 - 7.8) | 20,409 |
| Private employee | 23.0 (22.3 - 23.8) | 71.1 (70.4 - 71.9) | 5.8 (5.5 - 6.2) | 74,808 |
| Self-employed | 19.7 (19.2 - 20.2) | 71.8 (71.2 - 72.4) | 8.5 (8.2 - 8.9) | 100,088 |
| Farmer/farm worker | 11.3 (10.9 - 11.6) | 72.1 (71.5 - 72.6) | 16.7 (16.2 - 17.2) | 105,791 |
| Fisher | 15.9 (14.1 - 18.0) | 69.5 (67.2 - 71.7) | 14.5 (13.1 - 16.1) | 5,254 |
| Labor/driver/domestic help | 20.8 (20.0 - 21.7) | 69.6 (68.6 - 70.5) | 9.6 (9.0 - 10.1) | 53,057 |
| Others | 19.4 (18.6 - 20.1) | 69.6 (68.8 - 70.4) | 11.0 (10.5 - 11.5) | 39,484 |
| Residence | | | | |
| Urban | 24.1 (23.7 - 24.5) | 68.5 (68.1 - 69.0) | 7.3 (7.2 - 7.5) | 462,718 |
| Rural | 14.9 (14.5 - 15.4) | 72.1 (71.6 - 72.6) | 12.9 (12.6 - 13.3) | 328,449 |
| Economic Status | | | | |
| Lowest | 12.5 (12.0 - 13.0) | 67.7 (67.0 - 68.4) | 19.8 (19.1 - 20.4) | 114,187 |
| Lower Middle | 16.8 (16.4 - 17.3) | 72.1 (71.5 - 72.6) | 11.1 (10.7 - 11.5) | 143,803 |
| Middle | 19.8 (19.2 - 20.3) | 71.3 (70.7 - 71.8) | 9.0 (8.6 - 9.3) | 167,615 |
| Upper Middle | 22.8 (22.3 - 23.4) | 70.0 (69.4 - 70.6) | 7.2 (6.9 - 7.5) | 184,152 |
| Highest | 25.9 (25.3 - 26.5) | 68.8 (68.2 - 69.4) | 5.3 (5.1 - 5.6) | 181,352 |

Table 11. 89 Proportion of Milk and Dairy Products Consumption Patterns in Population Aged ≥5 by Province, 2023 SKI

| Province | Milk and Dairy Products Consumption Patterns (% 95% CI) | | | Weighted N |
|--------------------|---|---------------------------|---------------------------|----------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Aceh | 6.3 (5.7 - 6.9) | 32.6 (31.2 - 34.1) | 61.1 (59.6 - 62.7) | 15,386 |
| North Sumatera | 7.4 (6.6 - 8.4) | 28.6 (27.4 - 29.8) | 64.0 (62.6 - 65.4) | 43,156 |
| West Sumatera | 7.5 (6.9 - 8.1) | 25.9 (24.7 - 27.1) | 66.7 (65.3 - 68.0) | 16,252 |
| Riau | 6.3 (5.6 - 7.0) | 27.9 (26.4 - 29.4) | 65.9 (64.2 - 67.5) | 18,680 |
| Jambi | 6.5 (5.7 - 7.5) | 39.0 (37.0 - 41.0) | 54.5 (52.3 - 56.7) | 10,376 |
| South Sumatera | 7.3 (6.6 - 8.0) | 30.5 (29.1 - 32.1) | 62.2 (60.5 - 63.8) | 24,705 |
| Bengkulu | 7.9 (6.9 - 9.0) | 30.8 (29.0 - 32.6) | 61.3 (59.4 - 63.3) | 5,884 |
| Lampung | 6.7 (6.1 - 7.3) | 26.8 (25.3 - 28.4) | 66.5 (64.8 - 68.2) | 26,335 |
| Bangka Belitung | 7.8 (7.0 - 8.7) | 28.1 (26.2 - 30.0) | 64.1 (62.0 - 66.1) | 4,278 |
| Riau Islands | 10.0 (8.7 - 11.6) | 29.7 (27.6 - 32.0) | 60.2 (57.6 - 62.8) | 6,058 |
| DKI Jakarta | 15.3 (14.1 - 16.7) | 34.3 (32.6 - 36.1) | 50.3 (48.5 - 52.1) | 30,579 |
| West Java | 12.9 (12.3 - 13.5) | 30.6 (29.8 - 31.5) | 56.5 (55.5 - 57.5) | 141,655 |
| Central Java | 9.4 (9.0 - 9.9) | 23.1 (22.4 - 23.8) | 67.5 (66.7 - 68.3) | 107,289 |
| DI Yogyakarta | 13.1 (12.1 - 14.2) | 22.7 (21.4 - 24.1) | 64.2 (62.5 - 65.9) | 10,782 |
| East Java | 7.6 (7.3 - 8.0) | 20.7 (20.0 - 21.4) | 71.7 (70.9 - 72.4) | 119,276 |
| Banten | 9.7 (8.9.0 - 10.6) | 34.3 (32.4 - 36.2) | 56.0 (54.0 - 58.0) | 34,933 |
| Bali | 6.1 (5.4 - 6.8) | 26.1 (24.1 - 28.2) | 67.8 (65.7 - 69.9) | 12,623 |
| West Nusa Tenggara | 5.9 (5.2 - 6.6) | 28.9 (27.2 - 30.6) | 65.3 (63.5 - 67.0) | 15,614 |
| East Nusa Tenggara | 5.2 (4.7 - 5.7) | 24.9 (23.8 - 26.0) | 69.9 (68.6 - 71.2) | 15,451 |
| West Kalimantan | 7.7 (6.9 - 8.7) | 32.6 (30.8 - 34.3) | 59.7 (57.7 - 61.7) | 15,851 |
| Central Kalimantan | 6.0 (5.3 - 6.8) | 38.8 (36.6 - 40.9) | 55.2 (53.0 - 57.5) | 7,827 |
| South Kalimantan | 8.3 (7.5 - 9.2) | 35.5 (33.7 - 37.3) | 56.2 (54.3 - 58.1) | 11,925 |
| East Kalimantan | 13.4 (12.1 - 14.8) | 30.1 (28.3 - 31.9) | 56.5 (54.4 - 58.6) | 11,118 |
| North Kalimantan | 7.7 (6.3 - 9.3) | 36.4 (33.4 - 39.5) | 56.0 (52.8 - 59.2) | 2,059 |
| North Sulawesi | 9.7 (8.7 - 10.8) | 36.4 (34.7 - 38.3) | 53.9 (52.0 - 55.7) | 7,661 |
| Central Sulawesi | 6.6 (6.0 - 7.4) | 29.8 (28.1 - 31.5) | 63.6 (61.7 - 65.4) | 8,694 |
| South Sulawesi | 8.2 (7.7 - 8.9) | 28.0 (27.1 - 29.0) | 63.7 (62.6 - 64.9) | 26,508 |
| Southeast Sulawesi | 8.3 (7.3 - 9.4) | 31.9 (30.4 - 33.5) | 59.7 (58.1 - 61.4) | 7,678 |
| Gorontalo | 5.3 (4.5 - 6.1) | 31.2 (28.7 - 33.8) | 63.5 (60.8 - 66.1) | 3,424 |
| West Sulawesi | 5.8 (4.8 - 6.9) | 27.2 (24.7 - 29.8) | 67.0 (64.4 - 69.5) | 4,132 |
| Maluku | 9.6 (8.5 - 10.8) | 33.1 (30.8 - 35.5) | 57.3 (54.9 - 59.7) | 5,384 |
| North Maluku | 13.4 (12.0 - 14.9) | 38.7 (36.5 - 40.8) | 48.0 (45.7 - 50.2) | 3,748 |
| West Papua | 11.3 (9.4 - 13.6) | 34.0 (30.9 - 37.2) | 54.7 (50.6 - 58.7) | 1,590 |
| Southwest Papua | 12.5 (10.6 - 14.6) | 29.6 (27.1 - 32.3) | 57.9 (54.6 - 61.1) | 1,724 |
| Papua | 13.4 (11.6 - 15.3) | 38.0 (35.0 - 41.1) | 48.6 (45.5 - 51.7) | 2,887 |
| South Papua | 7.7 (6.1 - 9.7) | 30.0 (26.4 - 34.0) | 62.3 (58.1 - 66.3) | 1,420 |
| Central Papua | 10.1 (7.5 - 13.3) | 33.8 (27.8 - 40.4) | 56.1 (49.3 - 62.7) | 4,113 |
| Highland Papua | 12.1 (9.9 - 14.7) | 22.8 (19.1 - 27.0) | 65.1 (60.1 - 69.7) | 4,113 |
| INDONESIA | 9.3 (9.1 - 9.4) | 28.0 (27.8 - 28.3) | 62.7 (62.4 - 63.0) | 791,167 |

Table 11. 90 Proportion of Milk and Dairy Products Consumption Patterns in Population Aged ≥5 by Characteristic, 2023 SKI

| Characteristic | Milk and Dairy Products Consumption Patterns (% 95% CI) | | | Weighted N |
|--|---|----------------------|--------------------|------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Age Range (year) | | | | |
| 5-9 | 24 (23.4 - 24.6) | 40.2 (39.6 - 40.8) | 35.8 (35.2 - 36.5) | 67,770 |
| 10-14 | 14.2 (13.7 - 14.7) | 39.1 (38.5 - 39.8) | 46.7 (46.0 - 47.4) | 68,019 |
| 15-19 | 9.8 (9.4 - 10.3) | 35.0 (34.3 - 35.7) | 55.2 (54.4 - 55.9) | 68,283 |
| 20-24 | 8.4 (8.0 - 8.9) | 31.7 (31.0 - 32.5) | 59.9 (59.1 - 60.6) | 68,904 |
| 25-29 | 7.3 (6.9 - 7.8) | 28.6 (27.9 - 29.3) | 64.1 (63.3 - 64.9) | 69,326 |
| 30-34 | 6.9 (6.5 - 7.3) | 25.8 (25.2 - 26.5) | 67.3 (66.6 - 68.0) | 68,170 |
| 35-39 | 6.4 (6.1 - 6.8) | 24.9 (24.2 - 25.5) | 68.7 (68.1 - 69.4) | 66,123 |
| 40-44 | 6.1 (5.8 - 6.4) | 23.0 (22.4 - 23.5) | 70.9 (70.3 - 71.5) | 62,928 |
| 45-49 | 5.9 (5.6 - 6.3) | 23.1 (22.5 - 23.7) | 71.0 (70.3 - 71.6) | 58,958 |
| 50-54 | 5.9 (5.6 - 6.2) | 23.1 (22.5 - 23.7) | 71.0 (70.4 - 71.7) | 52,219 |
| 55-59 | 6.9 (6.5 - 7.3) | 21.4 (20.7 - 22.0) | 71.8 (71.1 - 72.5) | 44,416 |
| 60-64 | 6.9 (6.5 - 7.3) | 20.4 (19.7 - 21.1) | 72.7 (71.9 - 73.4) | 35,728 |
| 65 + | 8.2 (7.8 - 8.6) | 18.9 (18.4 - 19.5) | 72.8 (72.2 - 73.5) | 60,324 |
| Sex | | | | |
| Male | 8.9 (8.7 - 9.1) | 28.1 (27.7 - 28.4) | 63.0 (62.7 - 63.4) | 399,256 |
| Female | 9.7 (9.5 - 9.9) | 28.0 (27.7 - 28.3) | 62.4 (62.0 - 62.7) | 391,911 |
| Education | | | | |
| Never attended school | 16.7 (16.1 - 17.2) | 30.8 (30.2 - 31.5) | 52.5 (51.7 - 53.2) | 67,794 |
| Some primary school | 13.4 (13.0 - 13.8) | 32.8 (32.3 - 33.3) | 53.9 (53.3 - 54.5) | 112,837 |
| Primary school graduate | 6.4 (6.1 - 6.7) | 23.3 (22.9 - 23.7) | 70.3 (69.8 - 70.8) | 193,963 |
| Junior secondary school graduate | 7.1 (6.8 - 7.4) | 26.7 (26.2 - 27.2) | 66.2 (65.6 - 66.7) | 141,291 |
| Senior secondary school graduate | 8.1 (7.8 - 8.4) | 28.4 (28.0 - 28.9) | 63.5 (63.0 - 63.9) | 212,471 |
| D1/D2/D3/university/graduate | 11.7 (11.2 - 12.1) | 32.7 (32.0 - 33.4) | 55.6 (54.9 - 56.4) | 62,812 |
| Occupation | | | | |
| Unemployed | 8.0 (7.7 - 8.2) | 25.7 (25.3 - 26.1) | 66.3 (65.9 - 66.7) | 208,997 |
| Student | 12.0 (11.6 - 12.4) | 37.5 (36.9 - 38.1) | 50.5 (49.9 - 51.1) | 115,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 12.2 (11.5 - 13.0) | 33.1 (32.1 - 34.0) | 54.7 (53.7 - 55.8) | 20,409 |
| Private employee | 8.9 (8.4 - 9.3) | 29.1 (28.4 - 29.9) | 62.0 (61.2 - 62.8) | 74,808 |
| Self-employed | 6.9 (6.5 - 7.2) | 25.0 (24.4 - 25.5) | 68.2 (67.5 - 68.8) | 100,088 |
| Farmer/farm worker | 3.9 (3.7 - 4.1) | 19.0 (18.5 - 19.5) | 77.1 (76.5 - 77.6) | 105,791 |
| Fisher | 5.8 (4.7 - 7.2) | 22.2 (20.4 - 24.1) | 72.0 (69.7 - 74.2) | 5,254 |
| Labor/driver/domestic help | 5.7 (5.2 - 6.1) | 22.3 (21.5 - 23.1) | 72.0 (71.2 - 72.9) | 53,057 |
| Others | 8.0 (7.6 - 8.5) | 27.4 (26.6 - 28.1) | 64.6 (63.8 - 65.5) | 39,484 |
| Residence | | | | |
| Urban | 11.3 (11.1 - 11.6) | 29.9 (29.5 - 30.2) | 58.8 (58.4 - 59.2) | 462,718 |
| Rural | 6.3 (6.1 - 6.6) | 25.4 (25.0 - 25.9) | 68.2 (67.7 - 68.7) | 328,449 |
| Economic Status | | | | |
| Lowest | 4.7 (4.4 - 5.0) | 20.8 (20.2 - 21.3) | 74.6 (74.0 - 75.1) | 114,187 |
| Lower Middle | 6.1 (5.8 - 6.3) | 24.8 (24.3 - 25.3) | 69.1 (68.6 - 69.7) | 143,803 |
| Middle | 7.6 (7.4 - 7.9) | 26.7 (26.3 - 27.2) | 65.6 (65.1 - 66.1) | 167,615 |
| Upper Middle | 9.8 (9.5 - 10.1) | 30.1 (29.6 - 30.6) | 60.1 (59.6 - 60.7) | 184,152 |
| Highest | 15.7 (15.2 - 16.1) | 34.3 (33.8 - 34.8) | 50.0 (49.5 - 50.6) | 181,352 |

Table 11. 91 Proportion of Fats and Oils Consumption Pattern in Population Aged ≥5 by Province, 2023 SKI

| Province | Fats and Oils Consumption Pattern (% ,95% CI) | | | Weighted N |
|--------------------|---|---------------------------|---------------------------|----------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Aceh | 39.5 (37.6 - 41.5) | 41.4 (39.7 - 43.1) | 19.1 (17.6 - 20.7) | 15,386 |
| North Sumatera | 36.0 (34.2 - 37.9) | 37.8 (36.3 - 39.4) | 26.1 (24.7 - 27.6) | 43,156 |
| West Sumatera | 44.5 (42.8 - 46.3) | 35.6 (34.0 - 37.3) | 19.8 (18.5 - 21.3) | 16,252 |
| Riau | 43.7 (41.0 - 46.4) | 35.7 (33.6 - 37.9) | 20.6 (18.2 - 23.1) | 18,680 |
| Jambi | 39.0 (36.5 - 41.6) | 43.7 (41.4 - 46.0) | 17.4 (15.5 - 19.4) | 10,376 |
| South Sumatera | 48.2 (45.8 - 50.6) | 33.3 (31.6 - 35.0) | 18.5 (16.9 - 20.3) | 24,705 |
| Bengkulu | 49.1 (46.5 - 51.6) | 36.8 (34.4 - 39.2) | 14.1 (12.7 - 15.7) | 5,884 |
| Lampung | 49.6 (47.5 - 51.7) | 32.9 (31.0 - 34.9) | 17.5 (16.1 - 19.1) | 26,335 |
| Bangka Belitung | 30.6 (27.8 - 33.4) | 40.0 (37.5 - 42.6) | 29.4 (26.6 - 32.5) | 4,278 |
| Riau Islands | 35.4 (31.9 - 39.1) | 41.5 (38.2 - 44.8) | 23.1 (20.2 - 26.2) | 6,058 |
| DKI Jakarta | 45.9 (43.2 - 48.7) | 34.9 (32.7 - 37.1) | 19.2 (17.3 - 21.3) | 30,579 |
| West Java | 61.1 (59.9 - 62.4) | 27.7 (26.7 - 28.8) | 11.2 (10.5 - 11.8) | 141,655 |
| Central Java | 66.0 (64.8 - 67.2) | 22.9 (22.0 - 23.8) | 11.1 (10.3 - 12.0) | 107,289 |
| DI Yogyakarta | 65.2 (62.2 - 68.1) | 27.8 (25.4 - 30.4) | 7.0 (5.8 - 8.4) | 10,782 |
| East Java | 50.6 (49.2 - 52.0) | 29.6 (28.5 - 30.8) | 19.8 (18.8 - 20.8) | 119,276 |
| Banten | 50.6 (47.8 - 53.3) | 34.2 (31.8 - 36.7) | 15.3 (13.7 - 17.0) | 34,933 |
| Bali | 40.0 (37.4 - 42.6) | 32.2 (30.0 - 34.5) | 27.8 (25.4 - 30.4) | 12,623 |
| West Nusa Tenggara | 50.3 (47.5 - 53.1) | 34.7 (32.0 - 37.5) | 15.0 (13.6 - 16.5) | 15,614 |
| East Nusa Tenggara | 34.3 (32.6 - 36.1) | 32.4 (31.1 - 33.8) | 33.3 (31.7 - 34.9) | 15,451 |
| West Kalimantan | 47.2 (44.7 - 49.8) | 37.1 (34.9 - 39.3) | 15.7 (14.2 - 17.4) | 15,851 |
| Central Kalimantan | 41.6 (39.1 - 44.2) | 41.1 (38.5 - 43.7) | 17.3 (15.3 - 19.4) | 7,827 |
| South Kalimantan | 56.0 (53.7 - 58.3) | 30.3 (28.5 - 32.2) | 13.7 (12.3 - 15.1) | 11,925 |
| East Kalimantan | 44.1 (41.1 - 47.1) | 35.1 (32.6 - 37.6) | 20.8 (18.6 - 23.2) | 11,118 |
| North Kalimantan | 39.8 (35.9 - 43.8) | 44.2 (40.7 - 47.8) | 16.0 (13.3 - 19.2) | 2,059 |
| North Sulawesi | 37.7 (35.5 - 40.0) | 39.6 (37.4 - 41.8) | 22.7 (20.6 - 25.0) | 7,661 |
| Central Sulawesi | 41.7 (39.4 - 44.1) | 36.2 (34.2 - 38.2) | 22.1 (20.2 - 24.1) | 8,694 |
| South Sulawesi | 32.4 (31.1 - 33.8) | 46.1 (44.8 - 47.3) | 21.5 (20.4 - 22.7) | 26,508 |
| Southeast Sulawesi | 26.7 (24.9 - 28.6) | 45.1 (43.4 - 46.9) | 28.1 (26.5 - 29.9) | 7,678 |
| Gorontalo | 51.5 (48.1 - 54.8) | 29.6 (26.8 - 32.6) | 18.9 (16.7 - 21.4) | 3,424 |
| West Sulawesi | 36.0 (32.6 - 39.6) | 40.4 (37.7 - 43.1) | 23.6 (21.1 - 26.3) | 4,132 |
| Maluku | 33.8 (31.0 - 36.6) | 34.8 (32.2 - 37.6) | 31.4 (29.1 - 33.7) | 5,384 |
| North Maluku | 39.5 (36.8 - 42.3) | 37.8 (35.4 - 40.2) | 22.7 (20.5 - 25.0) | 3,748 |
| West Papua | 39.6 (35.2 - 44.2) | 31.8 (28.6 - 35.2) | 28.6 (24.4 - 33.1) | 1,590 |
| Southwest Papua | 43.6 (39.1 - 48.2) | 31.0 (28.0 - 34.1) | 25.4 (21.6 - 29.7) | 1,724 |
| Papua | 25.1 (22.1 - 28.5) | 48.3 (44.7 - 52.0) | 26.6 (23.5 - 29.9) | 2,887 |
| South Papua | 26.4 (22.7 - 30.6) | 42.9 (39.3 - 46.6) | 30.6 (26.5 - 35.1) | 1,420 |
| Central Papua | 25.3 (20.3 - 31.1) | 45.4 (39.5 - 51.4) | 29.3 (24.7 - 34.3) | 4,113 |
| Highland Papua | 30.5 (24.4 - 37.4) | 38.9 (33.9 - 44.1) | 30.6 (26 - 35.7) | 4,113 |
| INDONESIA | 50.4 (49.9 - 50.8) | 32.1 (31.7 - 32.5) | 17.5 (17.2 - 17.8) | 791,167 |

Table 11. 92 Proportion of Fats and Oils Consumption Pattern in Population Aged ≥5 by Characteristic, 2023 SKI

| Characteristic | Fats and Oils Consumption Pattern (% ,95% CI) | | | Weighted N |
|--|---|----------------------|--------------------|------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Age Range (year) | | | | |
| 5-9 | 50.2 (49.4 - 50.9) | 32.9 (32.3 - 33.5) | 16.9 (16.5 - 17.4) | 67,770 |
| 10-14 | 50.7 (50.0 - 51.5) | 33.1 (32.4 - 33.7) | 16.2 (15.7 - 16.7) | 68,019 |
| 15-19 | 51.0 (50.2 - 51.8) | 32.7 (32.0 - 33.5) | 16.2 (15.7 - 16.8) | 68,283 |
| 20-24 | 50.1 (49.2 - 50.9) | 32.9 (32.1 - 33.6) | 17.1 (16.4 - 17.7) | 68,904 |
| 25-29 | 51.7 (50.9 - 52.6) | 32.4 (31.6 - 33.2) | 15.8 (15.3 - 16.4) | 69,326 |
| 30-34 | 51.5 (50.7 - 52.3) | 32.0 (31.3 - 32.8) | 16.5 (15.9 - 17.0) | 68,170 |
| 35-39 | 52.3 (51.5 - 53.1) | 31.1 (30.5 - 31.8) | 16.6 (16.0 - 17.1) | 66,123 |
| 40-44 | 51.5 (50.7 - 52.2) | 31.6 (31.0 - 32.2) | 16.9 (16.4 - 17.5) | 62,928 |
| 45-49 | 50.7 (50.0 - 51.5) | 31.8 (31.1 - 32.5) | 17.4 (16.9 - 18.0) | 58,958 |
| 50-54 | 50.3 (49.6 - 51.1) | 31.4 (30.7 - 32.1) | 18.3 (17.7 - 18.8) | 52,219 |
| 55-59 | 49.5 (48.7 - 50.4) | 31.4 (30.6 - 32.1) | 19.1 (18.5 - 19.7) | 44,416 |
| 60-64 | 48.3 (47.4 - 49.2) | 31.3 (30.5 - 32.1) | 20.4 (19.7 - 21.1) | 35,728 |
| 65 + | 45.5 (44.8 - 46.3) | 31.9 (31.2 - 32.6) | 22.6 (22.0 - 23.2) | 60,324 |
| Sex | | | | |
| Male | 49.4 (48.9 - 49.9) | 32.6 (32.2 - 33.0) | 18.0 (17.6 - 18.3) | 399,256 |
| Female | 51.4 (50.9 - 51.8) | 31.6 (31.2 - 32.0) | 17.0 (16.7 - 17.3) | 391,911 |
| Education | | | | |
| Never attended school | 47.9 (47.1 - 48.7) | 32.4 (31.7 - 33.1) | 19.7 (19.1 - 20.3) | 67,794 |
| Some primary school | 49.7 (49.0 - 50.4) | 32.3 (31.7 - 32.9) | 18.0 (17.6 - 18.5) | 112,837 |
| Primary school graduate | 51.7 (51.0 - 52.3) | 30.7 (30.2 - 31.3) | 17.6 (17.2 - 18.0) | 193,963 |
| Junior secondary school graduate | 51.6 (51.0 - 52.3) | 31.6 (31.0 - 32.1) | 16.8 (16.4 - 17.2) | 141,291 |
| Senior secondary school graduate | 50.1 (49.5 - 50.7) | 32.8 (32.3 - 33.3) | 17.1 (16.7 - 17.5) | 212,471 |
| D1/D2/D3/university/graduate | 48.7 (47.9 - 49.5) | 34.7 (34.0 - 35.4) | 16.6 (16.1 - 17.2) | 62,812 |
| Occupation | | | | |
| Unemployed | 51.0 (50.5 - 51.6) | 31.6 (31.1 - 32.1) | 17.4 (17.0 - 17.8) | 208,997 |
| Student | 50.8 (50.1 - 51.5) | 33.0 (32.4 - 33.6) | 16.2 (15.7 - 16.7) | 115,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 46.3 (45.1 - 47.4) | 35.9 (34.9 - 36.9) | 17.8 (17.0 - 18.7) | 20,409 |
| Private employee | 51.5 (50.6 - 52.5) | 32.0 (31.2 - 32.9) | 16.4 (15.8 - 17.1) | 74,808 |
| Self-employed | 50.7 (49.9 - 51.4) | 31.9 (31.2 - 32.5) | 17.4 (16.9 - 18.0) | 100,088 |
| Farmer/farm worker | 46.8 (46.1 - 47.6) | 32.4 (31.8 - 33.1) | 20.8 (20.2 - 21.3) | 105,791 |
| Fisher | 41.8 (39.1 - 44.5) | 34.9 (32.5 - 37.4) | 23.3 (21.3 - 25.5) | 5,254 |
| Labor/driver/domestic help | 57.2 (56.1 - 58.2) | 28.3 (27.4 - 29.2) | 14.5 (13.8 - 15.2) | 53,057 |
| Others | 47.2 (46.3 - 48.2) | 33.6 (32.7 - 34.4) | 19.2 (18.5 - 19.9) | 39,484 |
| Residence | | | | |
| Urban | 51.9 (51.3 - 52.5) | 31.7 (31.2 - 32.2) | 16.4 (16.0 - 16.8) | 462,718 |
| Rural | 48.3 (47.6 - 49.0) | 32.7 (32.1 - 33.3) | 19.0 (18.6 - 19.5) | 328,449 |
| Economic Status | | | | |
| Lowest | 46.7 (45.8 - 47.5) | 31.8 (31.1 - 32.5) | 21.5 (20.9 - 22.1) | 114,187 |
| Lower Middle | 50.9 (50.2 - 51.6) | 31.4 (30.8 - 31.9) | 17.8 (17.3 - 18.3) | 143,803 |
| Middle | 51.7 (51.0 - 52.4) | 31.3 (30.7 - 31.9) | 17.0 (16.5 - 17.5) | 167,615 |
| Upper Middle | 51.7 (51.0 - 52.4) | 31.9 (31.3 - 32.5) | 16.4 (15.9 - 16.9) | 184,152 |
| Highest | 49.8 (49.1 - 50.6) | 33.9 (33.2 - 34.5) | 16.3 (15.8 - 16.8) | 181,352 |

Table 11. 93 Proportion of Sugar, Syrup, and Confectionery Consumption Patterns in Population Aged ≥5 by Province, 2023 SKI

| Province | Sugar, Syrup, and Confectionery Consumption Pattern (%, 95% CI) | | | Weighted N |
|--------------------|--|---------------------------|---------------------------|----------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Aceh | 35.7 (34.0 - 37.5) | 43.6 (41.9 - 45.4) | 20.7 (19.2 - 22.2) | 15,386 |
| North Sumatera | 33.9 (32.3 - 35.5) | 36.0 (34.6 - 37.5) | 30.1 (28.5 - 31.6) | 43,156 |
| West Sumatera | 37.6 (36.1 - 39.2) | 34.8 (33.4 - 36.2) | 27.6 (26.1 - 29.2) | 16,252 |
| Riau | 35.1 (32.8 - 37.4) | 41.6 (39.6 - 43.7) | 23.3 (21.3 - 25.4) | 18,680 |
| Jambi | 32.5 (30.2 - 34.8) | 43.8 (41.8 - 45.8) | 23.7 (21.8 - 25.8) | 10,376 |
| South Sumatera | 43.7 (41.4 - 45.9) | 31.7 (30.0 - 33.5) | 24.7 (22.8 - 26.6) | 24,705 |
| Bengkulu | 36.6 (34.5 - 38.7) | 36.7 (34.7 - 38.9) | 26.7 (24.6 - 28.9) | 5,884 |
| Lampung | 40.4 (38.2 - 42.7) | 31.0 (29.4 - 32.7) | 28.5 (26.4 - 30.8) | 26,335 |
| Bangka Belitung | 27.0 (24.5 - 29.5) | 36.0 (33.6 - 38.5) | 37.0 (34.1 - 40.0) | 4,278 |
| Riau Islands | 29.9 (26.9 - 33.1) | 39.5 (36.8 - 42.2) | 30.6 (27.8 - 33.5) | 6,058 |
| DKI Jakarta | 35.2 (32.9 - 37.5) | 33.0 (31.1 - 35.0) | 31.8 (29.5 - 34.3) | 30,579 |
| West Java | 44.1 (43.0 - 45.3) | 32.2 (31.3 - 33.1) | 23.7 (22.7 - 24.7) | 141,655 |
| Central Java | 58.5 (57.3 - 59.7) | 25.8 (25.0 - 26.7) | 15.7 (14.9 - 16.6) | 107,289 |
| DI Yogyakarta | 60.4 (58.2 - 62.7) | 25.1 (23.4 - 26.9) | 14.5 (13.0 - 16.0) | 10,782 |
| East Java | 40.5 (39.3 - 41.8) | 32.9 (31.9 - 34.0) | 26.6 (25.4 - 27.8) | 119,276 |
| Banten | 37.3 (35.1 - 39.6) | 39.0 (37.0 - 41.1) | 23.7 (21.8 - 25.7) | 34,933 |
| Bali | 28.9 (26.7 - 31.2) | 30.3 (28.4 - 32.3) | 40.8 (38.3 - 43.4) | 12,623 |
| West Nusa Tenggara | 32.8 (30.7 - 35.0) | 38.7 (36.6 - 40.8) | 28.5 (26.6 - 30.5) | 15,614 |
| East Nusa Tenggara | 37.1 (35.5 - 38.8) | 30.7 (29.4 - 32.0) | 32.2 (30.7 - 33.8) | 15,451 |
| West Kalimantan | 43.5 (41.2 - 45.8) | 36.5 (34.6 - 38.5) | 20.0 (18.1 - 21.9) | 15,851 |
| Central Kalimantan | 47.7 (45.2 - 50.2) | 36.9 (34.7 - 39.1) | 15.4 (13.7 - 17.3) | 7,827 |
| South Kalimantan | 55.2 (52.9 - 57.5) | 32.5 (30.6 - 34.4) | 12.3 (11.1 - 13.6) | 11,925 |
| East Kalimantan | 35.7 (33.1 - 38.4) | 37.1 (34.8 - 39.6) | 27.1 (25.0 - 29.4) | 11,118 |
| North Kalimantan | 46.3 (42.7 - 50.0) | 39.4 (36.2 - 42.7) | 14.3 (11.7 - 17.3) | 2,059 |
| North Sulawesi | 36.0 (33.9 - 38.3) | 34.5 (32.6 - 36.4) | 29.5 (27.3 - 31.8) | 7,661 |
| Central Sulawesi | 38.5 (36.3 - 40.8) | 36.0 (34.0 - 38.0) | 25.5 (23.5 - 27.6) | 8,694 |
| South Sulawesi | 36.2 (34.8 - 37.6) | 37.1 (35.9 - 38.2) | 26.8 (25.5 - 28.0) | 26,508 |
| Southeast Sulawesi | 30.8 (28.9 - 32.8) | 42.2 (40.4 - 44.0) | 27.0 (25.5 - 28.6) | 7,678 |
| Gorontalo | 36.4 (33.6 - 39.3) | 34.9 (32.2 - 37.7) | 28.7 (26.2 - 31.3) | 3,424 |
| West Sulawesi | 35.7 (32.0 - 39.6) | 36.6 (33.8 - 39.5) | 27.7 (25.1 - 30.4) | 4,132 |
| Maluku | 40.0 (37.3 - 42.8) | 34.7 (32.1 - 37.3) | 25.3 (23.3 - 27.4) | 5,384 |
| North Maluku | 42.6 (39.7 - 45.5) | 35.1 (32.9 - 37.4) | 22.3 (20.1 - 24.6) | 3,748 |
| West Papua | 43.2 (38.5 - 48.1) | 30.2 (27.2 - 33.4) | 26.6 (22.1 - 31.7) | 1,590 |
| Southwest Papua | 47.4 (43.5 - 51.3) | 33.5 (30.2 - 37.0) | 19.1 (16.9 - 21.6) | 1,724 |
| Papua | 31.0 (28.2 - 34.0) | 42.0 (39.0 - 45.0) | 27.0 (24.3 - 29.8) | 2,887 |
| South Papua | 31.2 (26.7 - 36.1) | 35.2 (31.9 - 38.6) | 33.6 (29.9 - 37.5) | 1,420 |
| Central Papua | 31.4 (25.6 - 38.0) | 40.5 (34.2 - 47.1) | 28.1 (23.5 - 33.1) | 4,113 |
| Highland Papua | 43.3 (36.3 - 50.6) | 32.5 (27.5 - 37.9) | 24.2 (20.1 - 28.9) | 4,113 |
| INDONESIA | 42.2 (41.8 - 42.6) | 33.4 (33.0 - 33.7) | 24.5 (24.1 - 24.8) | 791,167 |

Table 11. 94 Proportion of Sugar, Syrup, and Confectionery Consumption Patterns in Population Aged ≥5 Years by Characteristic, 2023 SKI

| Characteristic | Sugar, Syrup, and Confectionery Consumption Pattern (%, 95% CI) | | | Weighted N |
|--|--|----------------------|--------------------|------------|
| | ≥1 time per day | 1 - 6 times per week | ≤3 times per month | |
| Age Range (year) | | | | |
| 5-9 | 43.0 (42.3 - 43.7) | 35.0 (34.4 - 35.7) | 22.0 (21.4 - 22.6) | 67,770 |
| 10-14 | 42.9 (42.2 - 43.6) | 35.7 (35.1 - 36.4) | 21.3 (20.8 - 21.9) | 68,019 |
| 15-19 | 41.6 (40.8 - 42.4) | 36.5 (35.7 - 37.2) | 21.9 (21.3 - 22.6) | 68,283 |
| 20-24 | 41.6 (40.8 - 42.5) | 35.3 (34.6 - 36.1) | 23.1 (22.4 - 23.8) | 68,904 |
| 25-29 | 42.1 (41.2 - 42.9) | 35.4 (34.6 - 36.2) | 22.5 (21.8 - 23.2) | 69,326 |
| 30-34 | 42.5 (41.7 - 43.2) | 34.2 (33.5 - 34.9) | 23.4 (22.7 - 24.0) | 68,170 |
| 35-39 | 43.0 (42.3 - 43.7) | 33.1 (32.4 - 33.8) | 23.9 (23.3 - 24.6) | 66,123 |
| 40-44 | 43.4 (42.6 - 44.1) | 31.9 (31.3 - 32.5) | 24.8 (24.1 - 25.4) | 62,928 |
| 45-49 | 43.0 (42.3 - 43.8) | 32.0 (31.3 - 32.7) | 25.0 (24.3 - 25.6) | 58,958 |
| 50-54 | 42.1 (41.3 - 42.8) | 31.0 (30.3 - 31.6) | 27.0 (26.3 - 27.6) | 52,219 |
| 55-59 | 41.8 (41.0 - 42.6) | 30.4 (29.7 - 31.1) | 27.8 (27.0 - 28.5) | 44,416 |
| 60-64 | 40.9 (40.0 - 41.7) | 29.8 (29.0 - 30.6) | 29.3 (28.5 - 30.1) | 35,728 |
| 65 + | 39.8 (39.1 - 40.6) | 29.2 (28.5 - 29.8) | 31.0 (30.3 - 31.7) | 60,324 |
| Sex | | | | |
| Male | 44.4 (43.9 - 44.9) | 32.2 (31.8 - 32.6) | 23.4 (23.0 - 23.8) | 399,256 |
| Female | 39.9 (39.5 - 40.4) | 34.5 (34.1 - 34.9) | 25.6 (25.2 - 26.0) | 391,911 |
| Education | | | | |
| Never attended school | 41.9 (41.1 - 42.8) | 33.0 (32.3 - 33.7) | 25.1 (24.4 - 25.7) | 67,794 |
| Some primary school | 42.7 (42.0 - 43.3) | 34.2 (33.6 - 34.7) | 23.1 (22.6 - 23.7) | 112,837 |
| Primary school graduate | 43.8 (43.2 - 44.4) | 31.7 (31.2 - 32.2) | 24.5 (24.0 - 25.1) | 193,963 |
| Junior secondary school graduate | 43.3 (42.7 - 43.9) | 33.3 (32.7 - 33.8) | 23.4 (22.9 - 24.0) | 141,291 |
| Senior secondary school graduate | 40.9 (40.4 - 41.5) | 34.3 (33.8 - 34.8) | 24.8 (24.3 - 25.3) | 212,471 |
| D1/D2/D3/university/graduate | 38.4 (37.6 - 39.2) | 34.4 (33.7 - 35.1) | 27.2 (26.5 - 27.9) | 62,812 |
| Occupation | | | | |
| Unemployed | 39.5 (39.0 - 40.1) | 34.0 (33.5 - 34.4) | 26.5 (26.0 - 27.0) | 208,997 |
| Student | 41.5 (40.9 - 42.2) | 36.6 (36.0 - 37.2) | 21.8 (21.3 - 22.4) | 115,509 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 38.8 (37.7 - 39.9) | 33.8 (32.8 - 34.8) | 27.4 (26.4 - 28.4) | 20,409 |
| Private employee | 41.7 (40.8 - 42.6) | 33.4 (32.6 - 34.3) | 24.9 (24.0 - 25.7) | 74,808 |
| Self-employed | 43.0 (42.3 - 43.7) | 32.3 (31.7 - 33.0) | 24.7 (24.0 - 25.3) | 100,088 |
| Farmer/farm worker | 44.4 (43.7 - 45.1) | 30.7 (30.1 - 31.3) | 24.9 (24.3 - 25.5) | 105,791 |
| Fisher | 42.9 (40.4 - 45.4) | 30.9 (28.7 - 33.3) | 26.2 (24.0 - 28.6) | 5,254 |
| Labor/driver/domestic help | 51.0 (50.0 - 52.1) | 28.2 (27.4 - 29.1) | 20.7 (19.9 - 21.6) | 53,057 |
| Others | 39.3 (38.4 - 40.2) | 34.2 (33.4 - 35.1) | 26.5 (25.7 - 27.3) | 39,484 |
| Residence | | | | |
| Urban | 41.4 (40.9 - 41.9) | 33.6 (33.2 - 34.0) | 25.0 (24.5 - 25.4) | 462,718 |
| Rural | 43.2 (42.6 - 43.9) | 33.0 (32.5 - 33.5) | 23.8 (23.2 - 24.3) | 328,449 |
| Economic Status | | | | |
| Lowest | 43.3 (42.4 - 44.1) | 31.6 (30.9 - 32.3) | 25.1 (24.5 - 25.8) | 114,187 |
| Lower Middle | 43.9 (43.3 - 44.6) | 32.6 (32.0 - 33.2) | 23.5 (22.9 - 24.1) | 143,803 |
| Middle | 43.7 (43.0 - 44.3) | 32.6 (32.0 - 33.1) | 23.7 (23.2 - 24.3) | 167,615 |
| Upper Middle | 42.2 (41.5 - 42.8) | 34.0 (33.4 - 34.6) | 23.9 (23.3 - 24.4) | 184,152 |
| Highest | 38.8 (38.1 - 39.4) | 35.1 (34.5 - 35.7) | 26.1 (25.5 - 26.7) | 181,352 |

11. 9 ALCOHOL DRINKING BEHAVIOR

Data collected is related to alcohol drinking behavior of household members in the last month, which includes a description of current alcoholic beverage consumption and excessive alcoholic beverage consumption, as well as the average standard units of alcoholic beverage and the types of alcoholic beverages usually consumed.

Excessive consumption of alcoholic beverage is calculated based on the number of standard units of drink, namely >5 standard units for Male and >4 standard units for Female (WHO STEPS analysis guide). The average standard unit for alcoholic beverage is calculated based on the type of drink and packaging used (bottle/can/glass/shot/others) commonly used;

The term “standard drink” describes the intensity of alcohol consumption, which can be calculated from the type and volume of alcoholic beverages consumed.

One standard drink contains on average 10 g (between 8 – 13 g) of pure ethanol, which is found in:

- Beverage with low alcohol level such as beer: 1 glass of beer/small bottle/can (285 – 330 ml).
- Beverage with moderate alcohol level, such as white wine, champagne, sparkling wine: 1 glass of wine (usually filled with 120 ml).
- Beverage with high alcohol level, such as whiskey, vodka, tequila: 1 shot (30 ml).
- Traditional clear alcoholic beverage: 1/2 drinking glass (100 ml).
- Traditional cloudy alcoholic beverage: 1 drinking glass (200 ml).
- Mixed drinks with alcohol level of around 20% or more.

Interviews were conducted using pictures of alcoholic beverage packaging to equate perceptions of the sizes used by respondents. The standard unit size for alcoholic beverages is determined based on the type of alcoholic beverage and the packaging volume:

a. Prevalence of alcoholic beverage consumption in the last 1 month.

$$= \frac{\sum \text{Household members aged } \geq 10 \text{ consuming minimum 1 alcohol standard in the last 1 month in province } X}{\sum \text{Household members aged } \geq 10 \text{ years in province } X}$$

$$= \frac{\sum \text{Household members aged } \geq 10 \text{ consuming minimum 1 alcohol standard in the last 1 month by characteristic}}{\sum \text{Household members aged } \geq 10 \text{ years by characteristic}}$$

b. Proportions of the types of alcoholic beverages usually consumed.

$$= \frac{\sum \text{Household members aged } \geq 10 \text{ with a habit of consuming certain types of alcoholic beverages in the last 1 month in province } X}{\sum \text{Household members aged } \geq 10 \text{ consuming alcohol in the last 1 month in province } X}$$

$$= \frac{\sum \text{Household members aged } \geq 10 \text{ with a habit of consuming certain types of alcoholic beverages in the last 1 month by characteristic}}{\sum \text{Household members aged } \geq 10 \text{ consuming alcohol in the last 1 month by characteristic}}$$

c. The average number of standard units of alcoholic beverages usually consumed.

$$= \frac{\sum \text{The average number of alcoholic beverages consumed per day in province } X}{\sum \text{Household members aged } \geq 10 \text{ consuming alcoholic beverages in the last 1 month in province } X}$$

$$= \frac{\sum \text{The average number of alcoholic beverages consumed per day by characteristic}}{\sum \text{Household members aged } \geq 10 \text{ consuming alchoholic beverages in the last 1 month by characteristic}}$$

d. Prevalence of dangerous consumption of alcoholic beverages.

$$= \frac{\sum \text{Household members aged } \geq 10 \text{ consuming dangerous alcoholic beverages in province } X}{\sum \text{Household members aged } \geq 10 \text{ in province } X}$$

$$= \frac{\sum \text{Household members aged } \geq 10 \text{ consuming dangerous alcoholic beverages by characteristic}}{\sum \text{Household members aged } \geq 10 \text{ by characteristic}}$$

Table 11. 95 Prevalence of Alcoholic Beverages Consumption in the Last 1 Month in Population Aged ≥10 by Province, 2023 SKI

| Province | Alcoholic Beverages Consumption | | | | Weighted N | |
|--------------------|---------------------------------|------------------|-------------|--------------------|----------------|--|
| | Yes | | No | | | |
| | % | 95%CI | % | 95%CI | | |
| Aceh | 0.2 | 0.1 - 0.4 | 99.8 | 99.6 - 99.9 | 13,654 | |
| North Sumatera | 2.7 | 2.5 - 3.0 | 97.3 | 97.0 - 97.5 | 38,293 | |
| West Sumatera | 0.7 | 0.5 - 0.8 | 99.3 | 99.2 - 99.5 | 14,601 | |
| Riau | 0.9 | 0.7 - 1.2 | 99.1 | 98.8 - 99.3 | 16,528 | |
| Jambi | 0.2 | 0.1 - 0.4 | 99.8 | 99.6 - 99.9 | 9,256 | |
| South Sumatera | 0.7 | 0.5 - 0.8 | 99.3 | 99.2 - 99.5 | 21,935 | |
| Bengkulu | 0.5 | 0.4 - 0.8 | 99.5 | 99.2 - 99.6 | 5,257 | |
| Lampung | 1.4 | 1.2 - 1.7 | 98.6 | 98.3 - 98.8 | 23,530 | |
| Bangka Belitung | 1.1 | 0.9 - 1.5 | 98.9 | 98.5 - 99.1 | 3,849 | |
| Riau Islands | 1.2 | 0.9 - 1.7 | 98.8 | 98.3 - 99.1 | 5,379 | |
| DKI Jakarta | 1.5 | 1.2 - 1.9 | 98.5 | 98.1 - 98.8 | 27,664 | |
| West Java | 1.6 | 1.4 - 1.8 | 98.4 | 98.2 - 98.6 | 127,590 | |
| Central Java | 1.4 | 1.2 - 1.6 | 98.6 | 98.4 - 98.8 | 97,334 | |
| DI Yogyakarta | 2.1 | 1.7 - 2.6 | 97.9 | 97.4 - 98.3 | 9,852 | |
| East Java | 1.1 | 0.9 - 1.2 | 98.9 | 98.8 - 99.1 | 108,610 | |
| Banten | 1.0 | 0.7 - 1.4 | 99.0 | 98.6 - 99.3 | 31,161 | |
| Bali | 9.3 | 8.5 - 10.1 | 90.7 | 89.9 - 91.5 | 11,517 | |
| West Nusa Tenggara | 1.6 | 1.3 - 2.0 | 98.4 | 98.0 - 98.7 | 13,789 | |
| East Nusa Tenggara | 15.2 | 14.5 - 15.9 | 84.8 | 84.1 - 85.5 | 13,535 | |
| West Kalimantan | 4.7 | 4.1 - 5.3 | 95.3 | 94.7 - 95.9 | 14,173 | |
| Central Kalimantan | 3.0 | 2.3 - 3.8 | 97.0 | 96.2 - 97.7 | 7,033 | |
| South Kalimantan | 0.4 | 0.3 - 0.7 | 99.6 | 99.3 - 99.7 | 10,566 | |
| East Kalimantan | 2.1 | 1.7 - 2.7 | 97.9 | 97.3 - 98.3 | 9,985 | |
| North Kalimantan | 1.9 | 1.1 - 3.2 | 98.1 | 96.8 - 98.9 | 1,851 | |
| North Sulawesi | 11.4 | 10.5 - 12.3 | 88.6 | 87.7 - 89.5 | 6,921 | |
| Central Sulawesi | 5.0 | 4.4 - 5.7 | 95.0 | 94.3 - 95.6 | 7,723 | |
| South Sulawesi | 3.4 | 3.1 - 3.7 | 96.6 | 96.3 - 96.9 | 23,925 | |
| Southeast Sulawesi | 3.1 | 2.7 - 3.5 | 96.9 | 96.5 - 97.3 | 6,791 | |
| Gorontalo | 4.2 | 3.6 - 4.9 | 95.8 | 95.1 - 96.4 | 3,085 | |
| West Sulawesi | 3.1 | 2.4 - 3.9 | 96.9 | 96.1 - 97.6 | 3,653 | |
| Maluku | 6.8 | 6.0 - 7.7 | 93.2 | 92.3 - 94.0 | 4,831 | |
| North Maluku | 4.0 | 3.4 - 4.8 | 96.0 | 95.2 - 96.6 | 3,325 | |
| West Papua | 4.9 | 3.7 - 6.5 | 95.1 | 93.5 - 96.3 | 1,418 | |
| Southwest Papua | 5.5 | 4.4 - 6.8 | 94.5 | 93.2 - 95.6 | 1,551 | |
| Papua | 6.1 | 4.9 - 7.6 | 93.9 | 92.4 - 95.1 | 2,446 | |
| South Papua | 3.4 | 2.5 - 4.7 | 96.6 | 95.3 - 97.5 | 1,163 | |
| Central Papua | 3.1 | 2.2 - 4.2 | 96.9 | 95.8 - 97.8 | 3,708 | |
| Highland Papua | 1.0 | 0.6 - 1.6 | 99.0 | 98.4 - 99.4 | 3,803 | |
| INDONESIA | 2.2 | 2.1 - 2.2 | 97.8 | 97.8 - 97.9 | 711,286 | |

Table 11. 96 Prevalence of Alcoholic Beverages Consumption in the Last 1 Month in Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Alcoholic Beverages Consumption | | | | Weighted N |
|--|---------------------------------|--------------|---------|-------------|------------|
| | % | Yes 95%CI | No % | 95%CI | |
| Age Range | | | | | |
| 10-14 | 0.1 | 0.1 - 0.1 | 99.9 | 99.9 - 99.9 | 66,880 |
| 15-19 | 1.7 | 1.5 - 1.9 | 98.3 | 98.1 - 98.5 | 67,140 |
| 20-24 | 4.0 | 3.7 - 4.4 | 96.0 | 95.6 - 96.3 | 67,751 |
| 25-29 | 3.8 | 3.6 - 4.1 | 96.2 | 95.9 - 96.4 | 68,165 |
| 30-34 | 3.3 | 3.1 - 3.5 | 96.7 | 96.5 - 96.9 | 67,029 |
| 35-39 | 2.8 | 2.6 - 3.0 | 97.2 | 97.0 - 97.4 | 65,016 |
| 40-44 | 2.4 | 2.3 - 2.6 | 97.6 | 97.4 - 97.7 | 61,875 |
| 45-49 | 2.0 | 1.9 - 2.2 | 98.0 | 97.8 - 98.1 | 57,971 |
| 50-54 | 1.6 | 1.5 - 1.7 | 98.4 | 98.3 - 98.5 | 51,344 |
| 55-59 | 1.3 | 1.1 - 1.4 | 98.7 | 98.6 - 98.9 | 43,672 |
| 60-64 | 1.0 | 0.9 - 1.2 | 99.0 | 98.8 - 99.1 | 35,130 |
| 65 + | 0.6 | 0.6 - 0.7 | 99.4 | 99.3 - 99.4 | 59,314 |
| Sex | | | | | |
| Male | 4.1 | 4.0 - 4.2 | 95.9 | 95.8 - 96.0 | 358,482 |
| Female | 0.2 | 0.1 - 0.2 | 99.8 | 99.8 - 99.9 | 352,804 |
| Education | | | | | |
| Never attended school | 1.6 | 1.4 - 1.8 | 98.4 | 98.2 - 98.6 | 35,612 |
| Some primary school | 1.0 | 0.9 - 1.1 | 99.0 | 98.9 - 99.1 | 75,359 |
| Primary school graduate | 1.6 | 1.5 - 1.8 | 98.4 | 98.2 - 98.5 | 190,716 |
| Junior secondary school graduate | 2.5 | 2.3 - 2.6 | 97.5 | 97.4 - 97.7 | 138,925 |
| Senior secondary school graduate | 2.9 | 2.8 - 3.0 | 97.1 | 97.0 - 97.2 | 208,914 |
| D1/D2/D3/university/graduate | 2.2 | 2.0 - 2.4 | 97.8 | 97.6 - 98.0 | 61,760 |
| Occupation | | | | | |
| Unemployed | 0.9 | 0.8 - 1.0 | 99.1 | 99.0 - 99.2 | 205,498 |
| Student | 0.8 | 0.7 - 0.9 | 99.2 | 99.1 - 99.3 | 113,575 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 2.4 | 2.1 - 2.8 | 97.6 | 97.2 - 97.9 | 20,068 |
| Private employee | 3.1 | 2.9 - 3.4 | 96.9 | 96.6 - 97.1 | 73,556 |
| Self-employed | 2.8 | 2.6 - 3.0 | 97.2 | 97.0 - 97.4 | 98,412 |
| Farmer/farm worker | 3.9 | 3.8 - 4.1 | 96.1 | 95.9 - 96.2 | 104,020 |
| Fisher | 6.7 | 5.3 - 8.3 | 93.3 | 91.7 - 94.7 | 5,166 |
| Labor/driver/domestic help | 3.6 | 3.3 - 4.0 | 96.4 | 96.0 - 96.7 | 52,168 |
| Others | 1.7 | 1.5 - 2.0 | 98.3 | 98.0 - 98.5 | 38,823 |
| Residence | | | | | |
| Urban | 1.8 | 1.7 - 1.9 | 98.2 | 98.1 - 98.3 | 416,383 |
| Rural | 2.6 | 2.5 - 2.7 | 97.4 | 97.3 - 97.5 | 294,903 |
| Economic Status | | | | | |
| Lowest | 3.7 | 3.5 - 3.9 | 96.3 | 96.1 - 96.5 | 103,577 |
| Lower Middle | 2.3 | 2.2 - 2.5 | 97.7 | 97.5 - 97.8 | 129,735 |
| Middle | 2.0 | 1.9 - 2.2 | 98.0 | 97.8 - 98.1 | 150,383 |
| Upper Middle | 1.6 | 1.5 - 1.7 | 98.4 | 98.3 - 98.5 | 165,087 |
| Highest | 1.8 | 1.6 - 1.9 | 98.2 | 98.1 - 98.4 | 162,452 |

Table 11. 97 Proportion of Alcoholic Beverage Types Usually Drunk by Drunkards Aged ≥10 by Province, 2023 SKI

| Province | Alcoholic Beverage Types(%, 95%CI) | | | | | | | Weighted N |
|--------------------|------------------------------------|---------------------------|------------------------|----------------------------|---------------------------|------------------------|------------------------|---------------|
| | Beer | Wine/ arak | Whisky | Cloudy traditional alcohol | Clear traditional alcohol | Mixed alcohol | Others | |
| Aceh | 17.5 (9.5 - 30.2) | 28.3 (22.1 - 35.4) | 1.3 (1.1 - 1.7) | 41.2 (19.1 - 67.6) | 0 | 11.6 (1.4 - 54.6) | 0 | 26* |
| North Sumatera | 10.6 (8.0 - 14.0) | 5.3 (3.6 - 7.8) | 2.8 (1.4 - 5.6) | 68.2 (64.2 - 72.0) | 11.7 (9.3 - 14.5) | 1.2 (0.7 - 2.2) | 0.1 (0.0 - 0.6) | 1,265 |
| West Sumatera | 55.3 (45.2 - 64.9) | 22.4 (15.0 - 32.2) | 2.5 (0.7 - 8.2) | 9.4 (5.3 - 16.2) | 3.7 (1.8 - 7.5) | 6.7 (2.0 - 19.8) | 0 | 119 |
| Riau | 44.8 (36.4 - 53.5) | 20.6 (13.1 - 30.9) | 3.6 (1.3 - 9.8) | 25.6 (18.1 - 35.0) | 2.5 (1.0 - 6.3) | 2.2 (0.5 - 8.4) | 0.7 (0.1 - 5.1) | 182 |
| Jambi | 28.4 (16.9 - 43.7) | 29.0 (15.9 - 46.8) | 6.1 (0.8 - 34.3) | 32.9 (21.7 - 46.4) | 3.5 (3.1 - 4.1) | 0 | 0 | 26* |
| South Sumatera | 44.9 (34.9 - 55.3) | 42.8 (33.4 - 52.9) | 7.3 (3.0 - 16.8) | 1.8 (0.6 - 5.3) | 0 | 3.2 (0.9 - 10.7) | 0 | 172 |
| Bengkulu | 50.9 (36.9 - 64.7) | 38.4 (25.0 - 53.8) | 4.4 (1.7 - 11.2) | 6.3 (3.0 - 12.8) | 0 | 0 | 0 | 34* |
| Lampung | 36.3 (26.8 - 47.1) | 45.7 (36.2 - 55.5) | 3.7 (1.4 - 9.8) | 10.3 (6.3 - 16.4) | 1.0 (0.4 - 2.4) | 3.0 (1.0 - 8.3) | 0 | 401 |
| Bangka Belitung | 69.0 (58.7 - 77.7) | 27.6 (19.8 - 37.0) | 1.4 (0.3 - 6.3) | 0.8 (0.2 - 3.2) | 1.2 (0.3 - 4.8) | 0 | 0 | 53 |
| Riau Islands | 65.4 (49.7 - 78.3) | 18.4 (9.3 - 33.2) | 8.6 (3.8 - 18.3) | 6.7 (2.4 - 17.0) | 0.9 (0.1 - 6.6) | 0 | 0 | 80 |
| DKI Jakarta | 37.8 (29.0 - 47.3) | 37.8 (28.7 - 47.9) | 17.3 (11.4 - 25.3) | 6.0 (2.3 - 14.8) | 0.5 (0.1 - 3.6) | 0.7 (0.1 - 4.8) | 0 | 504 |
| West Java | 19.2 (14.9 - 24.2) | 62.7 (56.5 - 68.5) | 7.7 (5.2 - 11.4) | 5.2 (3.1 - 8.7) | 2.3 (0.8 - 6.6) | 3.0 (1.5 - 5.7) | 0 | 2,388 |
| Central Java | 24.5 (20.1 - 29.5) | 60.8 (55.4 - 65.9) | 4.8 (3.6 - 6.3) | 2.1 (1.1 - 3.9) | 3.4 (2.2 - 5.2) | 4.4 (2.3 - 8.4) | 0 | 1,617 |
| DI Yogyakarta | 13.3 (8.2 - 20.8) | 68.0 (59.1 - 75.8) | 13 (8.5 - 19.5) | 0.9 (0.1 - 5.9) | 1.4 (0.5 - 3.7) | 3.4 (1.0 - 10.5) | 0 | 249 |
| East Java | 25.1 (20.3 - 30.6) | 52.3 (46.7 - 57.9) | 11.6 (8.2 - 16.3) | 4.7 (3.2 - 6.9) | 4.1 (1.9 - 8.5) | 2.1 (1.0 - 4.5) | 0 | 1,399 |
| Banten | 30.3 (19.5 - 44.0) | 62.6 (47.9 - 75.3) | 4.4 (1.0 - 18.1) | 0 | 2.6 (0.7 - 9.8) | 0 | 0 | 388 |
| Bali | 51.1 (47.2 - 55.0) | 23.4 (19.9 - 27.2) | 1.8 (1.1 - 3.0) | 20.6 (17.1 - 24.5) | 2.4 (1.6 - 3.6) | 0.7 (0.3 - 1.8) | 0 | 1,281 |
| West Nusa Tenggara | 42.8 (33.3 - 52.8) | 17.0 (12.2 - 23.3) | 0.8 (0.3 - 2.4) | 23.1 (15.5 - 33.0) | 12.8 (6.9 - 22.6) | 3.5 (1.2 - 9.6) | 0 | 271 |
| East Nusa Tenggara | 6.5 (5.3 - 7.9) | 14.7 (12.9 - 16.6) | 4.5 (3.6 - 5.8) | 14.6 (12.7 - 16.7) | 54.2 (51.3 - 57.1) | 5.3 (4.2 - 6.8) | 0.2 (0.1 - 0.6) | 2,467 |
| West Kalimantan | 10.0 (7.4 - 13.3) | 58.9 (53.0 - 64.6) | 0.3 (0.1 - 1.2) | 20.1 (15.2 - 26.1) | 10.1 (7.5 - 13.5) | 0.5 (0.2 - 1.8) | 0 | 796 |
| Central Kalimantan | 20.0 (13.8 - 28.1) | 31.4 (22.2 - 42.4) | 2.3 (1.1 - 4.6) | 35.5 (25.8 - 46.6) | 6.0 (3.5 - 10.3) | 4.7 (1.6 - 12.6) | 0 | 250 |
| South Kalimantan | 14.5 (9.9 - 20.8) | 60.3 (43.1 - 75.3) | 7.8 (2.0 - 26.5) | 4.7 (0.8 - 22.7) | 2.5 (0.6 - 10.5) | 10.1 (3.8 - 24.2) | 0 | 53 |
| East Kalimantan | 31.6 (22.8 - 41.9) | 45.2 (35.8 - 54.9) | 12.2 (7.0 - 20.2) | 4.4 (2.4 - 8.0) | 4.6 (2.1 - 9.8) | 1.4 (0.5 - 4.5) | 0.6 (0.1 - 4.4) | 254 |
| North Kalimantan | 15.7 (8.1 - 28.4) | 9.5 (3.7 - 22.3) | 9.3 (3.0 - 25.2) | 23.6 (9.2 - 48.5) | 41.6 (23.2 - 62.7) | 0.3 (0.0 - 2.4) | 0 | 42* |
| North Sulawesi | 12.2 (10.0 - 14.9) | 4.1 (2.6 - 6.4) | 3.1 (1.9 - 4.9) | 6.3 (4.4 - 9.1) | 65.9 (61.8 - 69.9) | 8.3 (6.3 - 10.8) | 0 | 945 |
| Central Sulawesi | 17.1 (13.0 - 22.2) | 8.5 (5.9 - 12.2) | 2.9 (1.8 - 4.8) | 25.0 (20.1 - 30.6) | 36.1 (30.5 - 42.1) | 9.9 (6.5 - 14.8) | 0.5 (0.1 - 3.1) | 466 |
| South Sulawesi | 16.9 (13.4 - 21.0) | 12.0 (9.3 - 15.2) | 3.4 (1.7 - 6.7) | 55.1 (50.4 - 59.7) | 12.0 (9.1 - 15.5) | 0.7 (0.3 - 1.6) | 0 | 967 |
| Southeast Sulawesi | 17.6 (13.0 - 23.5) | 26.2 (20.9 - 32.3) | 2.3 (1.0 - 5.5) | 38.5 (32.4 - 45.0) | 14.2 (9.9 - 19.8) | 1.1 (0.5 - 2.5) | 0 | 250 |
| Gorontalo | 27.8 (21.3 - 35.2) | 4.0 (2.2 - 7.2) | 3.4 (1.9 - 6.0) | 14.1 (9.6 - 20.3) | 25.2 (18.8 - 33.0) | 25.5 (18.7 - 33.8) | 0 | 155 |
| West Sulawesi | 12.9 (8.2 - 19.6) | 10.8 (6.7 - 16.8) | 1.9 (0.6 - 5.9) | 46.9 (35.3 - 58.9) | 26.0 (16.9 - 37.7) | 1.5 (0.3 - 8.4) | 0 | 136 |
| Maluku | 9.7 (6.9 - 13.5) | 6.5 (4.1 - 10.2) | 12.1 (8.9 - 16.3) | 12.5 (8.8 - 17.4) | 50.3 (44.2 - 56.3) | 8.9 (6.0 - 12.9) | 0.0 (0.0 - 0.3) | 395 |
| North Maluku | 19.5 (14.3 - 25.9) | 3.5 (1.7 - 7.1) | 4.6 (2.5 - 8.6) | 11.4 (7.0 - 18.1) | 46.2 (37.4 - 55.3) | 14.5 (8.9 - 22.6) | 0.3 (0.0 - 2.2) | 160 |
| West Papua | 36.1 (23.1 - 51.5) | 14.5 (5.5 - 33.0) | 15.0 (8.3 - 25.5) | 9.8 (5.9 - 15.7) | 21.6 (15.3 - 29.7) | 3.0 (1.0 - 8.6) | 0 | 83 |
| Southwest Papua | 23.8 (15.4 - 35.0) | 13.1 (7.9 - 20.7) | 15.5 (8.4 - 26.7) | 25.7 (17.7 - 35.6) | 15.1 (9.1 - 23.9) | 6.9 (3.5 - 13.1) | 0 | 102 |
| Papua | 30.5 (22.2 - 40.2) | 30.1 (21.4 - 40.5) | 18.7 (12.9 - 26.3) | 11.9 (8.3 - 16.6) | 7.2 (3.7 - 13.8) | 1.7 (0.7 - 4.2) | 0 | 179 |
| South Papua | 9.3 (4.6 - 17.8) | 17.3 (8.4 - 32.3) | 29.6 (16.1 - 47.9) | 17.5 (9.2 - 30.7) | 19.5 (11.3 - 31.4) | 6.6 (2.3 - 17.0) | 0.3 (0.0 - 2.4) | 48* |
| Central Papua | 26.5 (18.0 - 37.2) | 6.2 (2.1 - 17.2) | 6.7 (2.7 - 15.8) | 15.1 (8.1 - 26.3) | 35.7 (19.9 - 55.5) | 9.6 (4.7 - 18.6) | 0.2 (0.1 - 0.2) | 137 |
| Highland Papua | 39.3 (21.2 - 61.0) | 3.8 (0.8 - 16.7) | 13.7 (7.1 - 24.7) | 10.4 (1.9 - 41.4) | 0.3 (0.2 - 0.4) | 28.6 (14.9 - 47.6) | 4.0 (2.8 - 5.9) | 47* |
| INDONESIA | 21.9 (20.8 - 23.0) | 33.0 (31.7 - 34.4) | 5.8 (5.2 - 6.5) | 17.7 (16.8 - 18.6) | 17.8 (16.9 - 18.6) | 3.7 (3.2 - 4.3) | 0.1 (0.0 - 0.1) | 18,385 |

* Weighted N <50.

Table 11. 98 Proportion of Alcoholic Beverage Types Usually Drunk by Drunks Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Beer | Wine/arak | Whisky | Types of Alcoholic Drinks (%; 95%CI) | | | | Weighted N |
|--|--------------------|--------------------|-------------------|--------------------------------------|---------------------------|-----------------|-----------------|------------|
| | | | | Cloudy traditional alcohol | Clear traditional alcohol | Mixed alcohol | Others | |
| Age Range | | | | | | | | |
| 10-14 | 13.7 (7.5 - 23.7) | 39.8 (23.2 - 59.1) | 6.1 (1.7 - 19.6) | 25.7 (15.3 - 39.9) | 11.9 (4.0 - 30.4) | 2.8 (1.1 - 7.0) | 0 | 72 |
| 15-19 | 21.4 (17.3 - 26.1) | 39.9 (35.1 - 44.9) | 6.9 (4.7 - 10.0) | 11.5 (9.4 - 13.9) | 14.8 (12.4 - 17.6) | 5.5 (3.9 - 7.8) | 0.0 (0.0 - 0.1) | 1,351 |
| 20-24 | 22.1 (18.7 - 25.9) | 43.8 (39.5 - 48.2) | 6.2 (4.9 - 8.0) | 10.5 (8.7 - 12.6) | 13.4 (11.5 - 15.6) | 3.9 (2.9 - 5.2) | 0.1 (0.1 - 0.1) | 3,276 |
| 25-29 | 22.0 (19.4 - 25.0) | 38.9 (35.0 - 42.9) | 7.4 (5.7 - 9.7) | 12.4 (10.6 - 14.6) | 16.0 (13.7 - 18.6) | 3.1 (2.2 - 4.4) | 0.1 (0.0 - 0.5) | 3,138 |
| 30-34 | 24.4 (21.5 - 27.5) | 32.2 (28.8 - 35.7) | 5.2 (3.8 - 7.1) | 17.1 (15.0 - 19.4) | 16.6 (14.7 - 18.6) | 4.6 (3.1 - 6.7) | 0.0 (0.0 - 0.0) | 2,645 |
| 35-39 | 20.9 (18.4 - 23.8) | 30.8 (27.1 - 34.6) | 7.5 (5.3 - 10.4) | 19.0 (16.7 - 21.5) | 18.7 (16.7 - 20.9) | 2.9 (2.1 - 3.9) | 0.2 (0.1 - 0.7) | 2,156 |
| 40-44 | 21.7 (19.0 - 24.6) | 26.6 (23.5 - 30.0) | 4.4 (3.0 - 6.3) | 23.6 (21.1 - 26.2) | 20.1 (18.0 - 22.3) | 3.7 (2.9 - 4.8) | 0 | 1,808 |
| 45-49 | 24.0 (20.7 - 27.8) | 23.2 (20.3 - 26.4) | 4.9 (3.3 - 7.2) | 22.9 (20.5 - 25.5) | 20.6 (18.5 - 22.9) | 4.2 (3.0 - 5.8) | 0.1 (0.0 - 0.8) | 1,416 |
| 50-54 | 21.2 (18.0 - 24.7) | 20.8 (17.3 - 24.9) | 3.2 (1.9 - 5.3) | 28.8 (25.2 - 32.8) | 23.5 (20.9 - 26.4) | 2.4 (1.7 - 3.3) | 0 | 984 |
| 55-59 | 19.4 (15.4 - 24.2) | 26.1 (21.2 - 31.8) | 2.9 (2.0 - 4.1) | 24.6 (21.0 - 28.7) | 24.2 (21.0 - 27.7) | 2.7 (1.9 - 3.8) | 0.1 (0.0 - 0.5) | 660 |
| 60-64 | 18.0 (12.5 - 25.1) | 19.3 (14.9 - 24.6) | 2.7 (1.5 - 4.8) | 31.1 (25.9 - 36.8) | 25.9 (21.8 - 30.5) | 2.7 (1.7 - 4.4) | 0.3 (0.0 - 1.8) | 440 |
| 65 + | 15.0 (11.2 - 19.8) | 15.0 (11.6 - 19.2) | 4.7 (1.7 - 12.2) | 34.4 (29.4 - 39.9) | 27.0 (22.8 - 31.6) | 3.8 (2.3 - 6.2) | 0.1 (0.0 - 0.4) | 439 |
| Sex | | | | | | | | |
| Male | 21.8 (20.6 - 22.9) | 33.3 (32.0 - 34.7) | 5.7 (5.0 - 6.4) | 17.6 (16.7 - 18.5) | 17.8 (17.0 - 18.7) | 3.8 (3.3 - 4.3) | 0.1 (0.0 - 0.1) | 17,719 |
| Female | 25.3 (20.6 - 30.6) | 25.2 (20.1 - 31.2) | 9.5 (6.2 - 14.4) | 21.3 (17.4 - 25.9) | 16.8 (13.6 - 20.5) | 1.9 (1.0 - 3.5) | 0 | 666 |
| Education | | | | | | | | |
| Never attended school | 14.1 (10.2 - 19.2) | 24.1 (19.4 - 29.6) | 2.8 (1.6 - 4.9) | 27.6 (23.4 - 32.3) | 24.5 (19.7 - 29.9) | 6.5 (4.5 - 9.3) | 0.4 (0.2 - 0.9) | 679 |
| Some primary school | 16.2 (12.8 - 20.4) | 29.4 (25.4 - 33.8) | 3.0 (2.0 - 4.6) | 22.1 (19.1 - 25.6) | 24.7 (21.5 - 28.3) | 4.4 (3.3 - 5.7) | 0.0 (0.0 - 0.0) | 933 |
| Primary school graduate | 14.5 (12.4 - 16.8) | 36.4 (33.2 - 39.7) | 3.2 (2.4 - 4.1) | 20.4 (18.5 - 22.5) | 20.5 (18.8 - 22.3) | 5.1 (3.8 - 6.8) | 0 | 3,774 |
| Junior secondary school graduate | 20.9 (18.2 - 23.9) | 38.1 (34.7 - 41.7) | 5.3 (4.1 - 6.8) | 16.6 (14.9 - 18.4) | 14.5 (12.8 - 16.4) | 4.5 (3.4 - 5.9) | 0.1 (0.0 - 0.3) | 4,096 |
| Senior secondary school graduate | 23.8 (22.1 - 25.6) | 32.7 (30.6 - 34.9) | 6.7 (5.6 - 8.0) | 17.2 (15.7 - 18.7) | 16.9 (15.7 - 18.2) | 2.7 (2.2 - 3.3) | 0.1 (0.0 - 0.2) | 7,280 |
| D1/D2/D3/university/graduate | 39.7 (35.5 - 44.1) | 19.8 (16.5 - 23.5) | 11.9 (9 - 15.7) | 10.0 (8.4 - 11.8) | 16.7 (14.4 - 19.3) | 1.7 (1.2 - 2.4) | 0.2 (0.0 - 0.8) | 1,623 |
| Occupation | | | | | | | | |
| Unemployed | 22.0 (19.1 - 25.2) | 35.4 (31.3 - 39.8) | 7.4 (5.7 - 9.7) | 13.0 (10.8 - 15.6) | 17.4 (15.1 - 20.0) | 4.6 (3.3 - 6.4) | 0.1 (0.0 - 0.5) | 2,155 |
| Student | 23.5 (19.5 - 28.0) | 38.3 (32.6 - 44.3) | 6.5 (4.2 - 10.0) | 13.4 (10.9 - 16.4) | 14.2 (11.5 - 17.5) | 4.0 (2.7 - 6.0) | 0 | 1,139 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 30.7 (24.4 - 37.7) | 25.7 (18.6 - 34.4) | 7.5 (4.8 - 11.4) | 12.5 (9.9 - 15.7) | 20.4 (16.6 - 24.8) | 2.9 (1.9 - 4.4) | 0.4 (0.1 - 1.0) | 582 |
| Private employee | 34.8 (31.4 - 38.4) | 36.6 (32.6 - 40.9) | 9.0 (6.9 - 11.6) | 8.3 (6.8 - 10.0) | 10.1 (8.1 - 12.6) | 1.1 (0.7 - 1.7) | 0 | 2,760 |
| Self-employed | 28.7 (25.5 - 32.0) | 33.4 (30.2 - 36.8) | 6.7 (5.1 - 8.8) | 17.1 (14.9 - 19.6) | 11.9 (10.3 - 13.6) | 2.2 (1.5 - 3.0) | 0.1 (0.0 - 0.3) | 3,332 |
| Farmer/farm worker | 11.1 (9.9 - 12.5) | 21.0 (19.3 - 22.8) | 3.2 (2.6 - 4.0) | 31.0 (29.2 - 32.9) | 27.9 (26.3 - 29.7) | 5.6 (4.6 - 6.9) | 0.1 (0.0 - 0.3) | 4,919 |
| Fisher | 19.2 (13.4 - 26.8) | 29.4 (15.7 - 48.3) | 5.6 (3.4 - 8.9) | 14.0 (9.8 - 19.7) | 28.0 (20.7 - 36.8) | 3.7 (2.2 - 6.2) | 0 | 414 |
| Labor/driver/domestic help | 17.4 (14.8 - 20.3) | 51.3 (47.0 - 55.6) | 3.3 (2.1 - 5.2) | 12.1 (9.9 - 14.8) | 11.7 (9.7 - 14.1) | 4.0 (2.5 - 6.4) | 0.1 (0.0 - 0.4) | 2,285 |
| Others | 20.5 (16.5 - 25.3) | 34.2 (27.3 - 41.9) | 7.3 (3.7 - 13.9) | 11.2 (8.6 - 14.6) | 22.3 (18.5 - 26.8) | 4.4 (2.8 - 6.9) | 0.0 (0.0 - 0.2) | 798 |
| Residence | | | | | | | | |
| Urban | 27.6 (25.9 - 29.4) | 38.6 (36.5 - 40.8) | 7.8 (6.7 - 9.1) | 10.6 (9.5 - 11.8) | 12.8 (11.7 - 14.0) | 2.4 (1.9 - 3.2) | 0.1 (0.0 - 0.2) | 9,074 |
| Rural | 16.3 (14.9 - 17.9) | 27.6 (26.0 - 29.3) | 3.8 (3.2 - 4.5) | 24.6 (23.3 - 26.0) | 22.6 (21.4 - 23.9) | 5.0 (4.3 - 5.8) | 0.1 (0.0 - 0.1) | 9,311 |
| Economic Status | | | | | | | | |
| Lowest | 10.3 (8.9 - 11.9) | 23.9 (21.7 - 26.2) | 3.4 (2.8 - 4.2) | 24.7 (22.8 - 26.6) | 31.8 (29.8 - 33.9) | 5.8 (4.9 - 6.9) | 0.1 (0.1 - 0.2) | 4,590 |
| Lower Middle | 20.2 (18.1 - 22.6) | 32.9 (30.3 - 35.6) | 2.6 (2.0 - 3.5) | 20.9 (19.1 - 22.9) | 18.0 (16.3 - 19.8) | 5.2 (3.9 - 6.8) | 0.1 (0.0 - 0.5) | 3,651 |
| Middle | 21.1 (18.3 - 24.2) | 39.8 (36.2 - 43.6) | 5.1 (3.8 - 6.8) | 18.9 (16.9 - 21.2) | 12.1 (10.6 - 13.6) | 3.0 (2.0 - 4.5) | 0.0 (0.0 - 0.0) | 3,611 |
| Upper Middle | 25.7 (23.0 - 28.5) | 39.0 (35.5 - 42.5) | 6.8 (5.2 - 8.9) | 13.3 (11.5 - 15.3) | 12.4 (10.8 - 14.1) | 2.9 (2.1 - 4.0) | 0.0 (0.0 - 0.3) | 3,091 |
| Highest | 36.6 (33.3 - 39.9) | 33.0 (29.5 - 36.8) | 12.1 (9.8 - 14.8) | 7.7 (6.1 - 9.5) | 9.7 (7.8 - 11.9) | 0.9 (0.6 - 1.3) | 0.1 (0.0 - 0.4) | 3,437 |

Table 11. 99 Average Number of Standard Units of Alcoholic Beverages Usually Consumed by Drunkards Aged ≥10 by Province, 2023 SKI

| Province | Number of Alcoholic Beverages ¹ | | | Weighted N |
|--------------------|--|-------------------|-------------|---------------|
| | Average | Min-max | SD | |
| Aceh | 20.7 | 0.1 - 111.4 | 34.7 | 26* |
| North Sumatera | 7.2 | 0.0 - 133.6 | 14.5 | 1,265 |
| West Sumatera | 8.5 | 0.0 - 334.0 | 19.8 | 119 |
| Riau | 8.4 | 0.1 - 137.8 | 18.1 | 182 |
| Jambi | 5.6 | 0.1 - 45.9 | 10.6 | 26* |
| South Sumatera | 11.9 | 0.0 - 137.8 | 23.9 | 172 |
| Bengkulu | 13.6 | 0.0 - 137.8 | 29.5 | 34* |
| Lampung | 9.6 | 0.0 - 111.4 | 21.0 | 401 |
| Bangka Belitung | 6.0 | 0.0 - 111.4 | 13.4 | 53 |
| Riau Islands | 7.8 | 0.1 - 111.4 | 16.3 | 80 |
| DKI Jakarta | 12.1 | 0.1 - 125.3 | 24.0 | 504 |
| West Java | 12.0 | 0.0 - 334.0 | 29.4 | 2,388 |
| Central Java | 11.0 | 0.0 - 334.0 | 26.6 | 1,617 |
| DI Yogyakarta | 15.4 | 0.0 - 334.0 | 31.7 | 249 |
| East Java | 16.6 | 0.0 - 334.0 | 32.0 | 1,399 |
| Banten | 17.9 | 0.1 - 250.0 | 28.8 | 388 |
| Bali | 6.5 | 0.0 - 111.4 | 12.2 | 1,281 |
| West Nusa Tenggara | 9.1 | 0.0 - 137.8 | 19.1 | 271 |
| East Nusa Tenggara | 11.6 | 0.0 - 334.0 | 22.8 | 2,467 |
| West Kalimantan | 9.6 | 0.0 - 111.4 | 15.2 | 796 |
| Central Kalimantan | 9.0 | 0.0 - 133.6 | 19.1 | 250 |
| South Kalimantan | 11.8 | 0.6 - 46.7 | 13.7 | 53 |
| East Kalimantan | 7.5 | 0.0 - 334.0 | 16.8 | 254 |
| North Kalimantan | 9.6 | 0.0 - 111.4 | 16.6 | 42* |
| North Sulawesi | 11.4 | 0.0 - 133.6 | 21.2 | 945 |
| Central Sulawesi | 9.2 | 0.0 - 334.0 | 19.0 | 466 |
| South Sulawesi | 9.6 | 0.0 - 133.6 | 15.7 | 967 |
| Southeast Sulawesi | 15.5 | 0.0 - 334.0 | 32.2 | 250 |
| Gorontalo | 11.5 | 0.1 - 133.6 | 18.2 | 155 |
| West Sulawesi | 11.1 | 0.0 - 125.3 | 19.6 | 136 |
| Maluku | 10.8 | 0.0 - 334.0 | 25.6 | 395 |
| North Maluku | 12.0 | 0.0 - 140.0 | 22.4 | 160 |
| West Papua | 24.6 | 0.0 - 334.0 | 43.9 | 83 |
| Southwest Papua | 15.1 | 0.0 - 334.0 | 45.3 | 102 |
| Papua | 15.1 | 0.0 - 334.0 | 35.0 | 179 |
| South Papua | 22.2 | 0.1 - 200.0 | 42.3 | 48* |
| Central Papua | 24.8 | 0.0 - 334.0 | 49.0 | 137 |
| Highland Papua | 4.2 | 0.0 - 55.1 | 6.8 | 47* |
| INDONESIA | 11.3 | 0.0 - 33.4 | 24.4 | 18,385 |

¹ Average standard units of alcoholic beverages commonly consumed in the last one month. Standard units refer to WHO references.

* Weighted N<50.

Table 11. 100 Average Number of Standard Units of Alcoholic Beverages Usually Consumed by Drunkards Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Number of Alcoholic Beverages ¹ | | | Weighted N |
|--|--|-------------|------|------------|
| | Average | Min-max | SD | |
| Age Range | | | | |
| 10-14 | 11.0 | 0.0 - 137.8 | 26.4 | 72 |
| 15-19 | 11.8 | 0.0 - 334.0 | 32.5 | 1,351 |
| 20-24 | 14.4 | 0.0 - 334.0 | 28.2 | 3,276 |
| 25-29 | 11.6 | 0.0 - 334.0 | 24.7 | 3,138 |
| 30-34 | 11.0 | 0.0 - 334.0 | 23.8 | 2,645 |
| 35-39 | 10.5 | 0.0 - 334.0 | 22.1 | 2,156 |
| 40-44 | 11.1 | 0.0 - 334.0 | 23.3 | 1,808 |
| 45-49 | 8.5 | 0.0 - 334.0 | 18.1 | 1,416 |
| 50-54 | 9.6 | 0.0 - 334.0 | 19.3 | 984 |
| 55-59 | 10.0 | 0.0 - 334.0 | 21.4 | 660 |
| 60-64 | 7.4 | 0.0 - 137.8 | 16.0 | 440 |
| 65 + | 7.6 | 0.0 - 137.8 | 12.9 | 439 |
| Sex | | | | |
| Male | 11.4 | 0.0 - 334.0 | 24.6 | 17,719 |
| Female | 8.4 | 0.0 - 137.8 | 18.2 | 666 |
| Education | | | | |
| Never attended school | 15.1 | 0.0 - 334.0 | 31.3 | 679 |
| Some primary school | 11.0 | 0.0 - 334.0 | 22.9 | 933 |
| Primary school graduate | 9.4 | 0.0 - 334.0 | 17.7 | 3,774 |
| Junior secondary school graduate | 13.5 | 0.0 - 334.0 | 29.4 | 4,096 |
| Senior secondary school graduate | 10.9 | 0.0 - 334.0 | 23.5 | 7,280 |
| D1/D2/D3/university/graduate | 10.1 | 0.0 - 334.0 | 24.5 | 1,623 |
| Occupation | | | | |
| Unemployed | 14.5 | 0.0 - 334.0 | 33.2 | 2,155 |
| Student | 8.8 | 0.0 - 334.0 | 19.4 | 1,139 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 9.3 | 0.0 - 334.0 | 18.9 | 582 |
| Private employee | 12.2 | 0.0 - 334.0 | 26.7 | 2,760 |
| Self-employed | 11.4 | 0.0 - 334.0 | 26.3 | 3,332 |
| Farmer/farm worker | 10.3 | 0.0 - 334.0 | 20.2 | 4,919 |
| Fisher | 10.0 | 0.0 - 334.0 | 19.1 | 414 |
| Labor/driver/domestic help | 11.4 | 0.0 - 133.6 | 21.6 | 2,285 |
| Others | 9.6 | 0.0 - 334.0 | 21.6 | 798 |
| Residence | | | | |
| Urban | 11.4 | 0.0 - 334.0 | 25.8 | 9,074 |
| Rural | 11.1 | 0.0 - 334.0 | 22.8 | 9,311 |
| Economic Status | | | | |
| Lowest | 11.3 | 0.0 - 334.0 | 23.4 | 4,590 |
| Lower Middle | 10.1 | 0.0 - 334.0 | 20.8 | 3,651 |
| Middle | 11.8 | 0.0 - 334.0 | 27.0 | 3,611 |
| Upper Middle | 13.2 | 0.0 - 334.0 | 26.6 | 3,091 |
| Highest | 10.2 | 0.0 - 334.0 | 23.9 | 3,437 |

¹ Average standard units of alcoholic beverages commonly consumed in the last one month. Standard units refer to WHO references.

Table 11. 101 Proportion of Consumption of Hazardous Alcoholic Beverages in Population Aged ≥10 by Province, 2023 SKI

| Province | Consumption of Hazardous Alcoholic Beverages ¹ | | Weighted N |
|--------------------|---|------------------|----------------|
| | % | 95% CI | |
| Aceh | 0.1 | 0.0 - 0.2 | 13,654 |
| North Sumatera | 0.7 | 0.6 - 0.9 | 38,293 |
| West Sumatera | 0.2 | 0.2 - 0.4 | 14,601 |
| Riau | 0.3 | 0.2 - 0.5 | 16,528 |
| Jambi | 0.1 | 0.0 - 0.1 | 9,256 |
| South Sumatera | 0.2 | 0.2 - 0.3 | 21,935 |
| Bengkulu | 0.2 | 0.1 - 0.4 | 5,257 |
| Lampung | 0.4 | 0.3 - 0.6 | 23,530 |
| Bangka Belitung | 0.3 | 0.2 - 0.5 | 3,849 |
| Riau Islands | 0.4 | 0.3 - 0.7 | 5,379 |
| DKI Jakarta | 0.6 | 0.4 - 0.9 | 27,664 |
| West Java | 0.6 | 0.5 - 0.8 | 127,590 |
| Central Java | 0.5 | 0.4 - 0.7 | 97,334 |
| DI Yogyakarta | 0.9 | 0.6 - 1.2 | 9,852 |
| East Java | 0.5 | 0.4 - 0.6 | 108,610 |
| Banten | 0.6 | 0.4 - 0.9 | 31,161 |
| Bali | 2.7 | 2.3 - 3.2 | 11,517 |
| West Nusa Tenggara | 0.6 | 0.4 - 0.8 | 13,789 |
| East Nusa Tenggara | 8.2 | 7.6 - 8.9 | 13,535 |
| West Kalimantan | 2.2 | 1.8 - 2.6 | 14,173 |
| Central Kalimantan | 1.1 | 0.8 - 1.5 | 7,033 |
| South Kalimantan | 0.2 | 0.1 - 0.4 | 10,566 |
| East Kalimantan | 0.7 | 0.5 - 1.0 | 9,985 |
| North Kalimantan | 0.6 | 0.3 - 1.5 | 1,851 |
| North Sulawesi | 5.8 | 5.1 - 6.5 | 6,921 |
| Central Sulawesi | 2.1 | 1.8 - 2.5 | 7,723 |
| South Sulawesi | 1.4 | 1.2 - 1.6 | 23,925 |
| Southeast Sulawesi | 1.7 | 1.4 - 2.1 | 6,791 |
| Gorontalo | 2.1 | 1.7 - 2.7 | 3,085 |
| West Sulawesi | 1.4 | 1.0 - 1.8 | 3,653 |
| Maluku | 3.0 | 2.5 - 3.7 | 4,831 |
| North Maluku | 1.9 | 1.5 - 2.5 | 3,325 |
| West Papua | 3.0 | 2.1 - 4.3 | 1,418 |
| Southwest Papua | 2.5 | 1.8 - 3.5 | 1,551 |
| Papua | 3.3 | 2.5 - 4.4 | 2,446 |
| South Papua | 1.7 | 1.1 - 2.6 | 1,163 |
| Central Papua | 1.9 | 1.2 - 3.0 | 3,708 |
| Highland Papua | 0.2 | 0.1 - 0.5 | 3,803 |
| INDONESIA | 0.9 | 0.9 - 1.0 | 711,286 |

¹ Consumption of hazardous alcoholic beverages means people drink more than 5 standard units for male and > 4 standard units for female.

Table 11. 102 Proportion of Consumption of Hazardous Alcoholic Beverages in Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Consumption of Hazardous Alcoholic Beverages ¹ | | Weighted N |
|--|---|-----------|------------|
| | % | 95%CI | |
| Age Range | | | |
| 10-14 | 0.0 | 0.0 - 0.1 | 66,880 |
| 15-19 | 0.7 | 0.6 - 0.8 | 67,140 |
| 20-24 | 2.0 | 1.8 - 2.3 | 67,751 |
| 25-29 | 1.7 | 1.5 - 1.9 | 68,165 |
| 30-34 | 1.2 | 1.1 - 1.4 | 67,029 |
| 35-39 | 1.2 | 1.1 - 1.3 | 65,016 |
| 40-44 | 0.9 | 0.9 - 1.0 | 61,875 |
| 45-49 | 0.8 | 0.7 - 0.8 | 57,971 |
| 50-54 | 0.7 | 0.6 - 0.8 | 51,344 |
| 55-59 | 0.5 | 0.5 - 0.6 | 43,672 |
| 60-64 | 0.4 | 0.3 - 0.4 | 35,130 |
| 65 + | 0.2 | 0.2 - 0.3 | 59,314 |
| Sex | | | |
| Male | 1.7 | 1.7 - 1.8 | 358,482 |
| Female | 0.1 | 0.1 - 0.1 | 352,804 |
| Education | | | |
| Never attended school | 0.7 | 0.6 - 0.8 | 35,612 |
| Some primary school | 0.5 | 0.4 - 0.5 | 75,359 |
| Primary school graduate | 0.7 | 0.6 - 0.8 | 190,716 |
| Junior secondary school graduate | 1.1 | 1.0 - 1.2 | 138,925 |
| Senior secondary school graduate | 1.2 | 1.1 - 1.3 | 208,914 |
| D1/D2/D3/university/graduate | 0.9 | 0.8 - 1.0 | 61,760 |
| Occupation | | | |
| Unemployed | 0.4 | 0.4 - 0.5 | 205,498 |
| Student | 0.4 | 0.3 - 0.4 | 113,575 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 0.9 | 0.8 - 1.1 | 20,068 |
| Private employee | 1.3 | 1.1 - 1.5 | 73,556 |
| Self-employed | 1.1 | 0.9 - 1.2 | 98,412 |
| Farmer/farm worker | 1.7 | 1.6 - 1.8 | 104,020 |
| Fisher | 3.2 | 2.0 - 5.0 | 5,166 |
| Labor/driver/domestic help | 1.5 | 1.3 - 1.7 | 52,168 |
| Others | 0.7 | 0.6 - 0.9 | 38,823 |
| Residence | | | |
| Urban | 0.7 | 0.7 - 0.8 | 416,383 |
| Rural | 1.2 | 1.1 - 1.2 | 294,903 |
| Economic Status | | | |
| Lowest | 1.7 | 1.6 - 1.9 | 103,577 |
| Lower Middle | 0.9 | 0.9 - 1.0 | 129,735 |
| Middle | 0.8 | 0.7 - 1.0 | 150,383 |
| Upper Middle | 0.6 | 0.6 - 0.7 | 165,087 |
| Highest | 0.7 | 0.6 - 0.8 | 162,452 |

¹ Consumption of hazardous alcoholic beverages means people drink more than 5 standard units for male and > 4 standard units for female.

11. 10 PHYSICAL ACTIVITIES

Measurement of physical activity was carried out using questions modified from the Global Physical Activity Questionnaire (GPAQ) from WHO which is part of the WHO STEPS instrument for measuring and monitoring risk factors for non-communicable diseases. The description of physical activity behavior collected includes heavy and moderate physical activity in daily activities (combined at work or at home, free time, and transportation) in the number of days per week and the number of minutes per day, which was asked to household members aged 10 years and over. on.

Metabolic Equivalent Task (MET) is a unit of energy expenditure and is used to measure physical activity in minutes. MET minutes are used to measure an individual's volume of physical activity. The MET score as a basis for calculating heavy physical activity is 8. The MET score as a basis for calculating moderate physical activity is 4.

Heavy physical activity is physical activity carried out for ≥ 3 days per week and MET minutes per week ≥ 1500 .

Moderate physical activity is moderate physical activity carried out ≥ 5 days a week with an average duration of activity ≥ 150 minutes a week (or >30 minutes per day).

- a. Proportion of population with lack of physical activity

$$= \frac{\text{Household members aged } > 10 \text{ with lack of physical activity in province X}}{\sum \text{Household members aged } \geq 10 \text{ in province X}}$$

$$= \frac{\text{Household members aged } \geq 10 \text{ with lack of physical activity by characteristic}}{\sum \text{Household members aged } \geq 10 \text{ by characteristic}}$$

- b. Proportion of population with enough physical activity

$$= \frac{\text{Household members aged } \geq 10 \text{ with enough physical activity in province X}}{\sum \text{Household members aged } \geq 10 \text{ in province X}}$$

$$= \frac{\text{A Household members aged } \geq 10 \text{ with moderate and heavy physical activity by characteristic}}{\sum \text{Household members aged } \geq 10 \text{ by characteristic}}$$

- c. Proportion of reasons for not doing physical activity

$$= \frac{\text{Household members } \geq 10 \text{ and the reason for not doing moderate and heavy physical activity in province X}}{\sum \text{Household members aged } \geq 10 \text{ not doing physical activity in province X}}$$

$$= \frac{\text{Household members } \geq 10 \text{ and the reason for not doing moderate and heavy physical activity by characteristic}}{\sum \text{Household members aged } \geq 10 \text{ not doing physical activity by characteristic}}$$

**Table 11. 103 Proportion of Physical Activity in Population Aged ≥10 by Province, 2023
SKI**

| Province | Physical Activity | | | Weighted N |
|--------------------|-------------------|--------------------|-------------|--------------------|
| | Enough | | Not enough | |
| | % | 95% CI | % | 95% CI |
| Aceh | 52.5 | 50.8 - 54.3 | 47.5 | 45.7 - 49.2 |
| North Sumatera | 52.4 | 50.5 - 54.2 | 47.6 | 45.8 - 49.5 |
| West Sumatera | 65.4 | 64.0 - 66.8 | 34.6 | 33.2 - 36.0 |
| Riau | 58.8 | 56.9 - 60.6 | 41.2 | 39.4 - 43.1 |
| Jambi | 49.2 | 46.8 - 51.5 | 50.8 | 48.5 - 53.2 |
| South Sumatera | 64.7 | 62.9 - 66.4 | 35.3 | 33.6 - 37.1 |
| Bengkulu | 64.9 | 62.8 - 66.9 | 35.1 | 33.1 - 37.2 |
| Lampung | 57.4 | 55.4 - 59.4 | 42.6 | 40.6 - 44.6 |
| Bangka Belitung | 53.1 | 50.1 - 56.2 | 46.9 | 43.8 - 49.9 |
| Riau Islands | 50.2 | 46.9 - 53.5 | 49.8 | 46.5 - 53.1 |
| DKI Jakarta | 44.3 | 41.6 - 47.1 | 55.7 | 52.9 - 58.4 |
| West Java | 66.3 | 65.2 - 67.4 | 33.7 | 32.6 - 34.8 |
| Central Java | 69.6 | 68.6 - 70.7 | 30.4 | 29.3 - 31.4 |
| DI Yogyakarta | 70.7 | 68.5 - 72.8 | 29.3 | 27.2 - 31.5 |
| East Java | 72.2 | 71.2 - 73.1 | 27.8 | 26.9 - 28.8 |
| Banten | 60.0 | 57.6 - 62.4 | 40.0 | 37.6 - 42.4 |
| Bali | 67.6 | 65.4 - 69.8 | 32.4 | 30.2 - 34.6 |
| West Nusa Tenggara | 58.3 | 55.7 - 60.9 | 41.7 | 39.1 - 44.3 |
| East Nusa Tenggara | 65.7 | 64.1 - 67.1 | 34.3 | 32.9 - 35.9 |
| West Kalimantan | 60.4 | 58.4 - 62.3 | 39.6 | 37.7 - 41.6 |
| Central Kalimantan | 45.8 | 43.4 - 48.2 | 54.2 | 51.8 - 56.6 |
| South Kalimantan | 57.2 | 55.3 - 59.0 | 42.8 | 41.0 - 44.7 |
| East Kalimantan | 57.1 | 54.7 - 59.5 | 42.9 | 40.5 - 45.3 |
| North Kalimantan | 46.8 | 42.0 - 51.7 | 53.2 | 48.3 - 58.0 |
| North Sulawesi | 46.8 | 44.9 - 48.7 | 53.2 | 51.3 - 55.1 |
| Central Sulawesi | 61.3 | 59.2 - 63.3 | 38.7 | 36.7 - 40.8 |
| South Sulawesi | 60.4 | 59.0 - 61.9 | 39.6 | 38.1 - 41.0 |
| Southeast Sulawesi | 55.4 | 53.3 - 57.5 | 44.6 | 42.5 - 46.7 |
| Gorontalo | 57.3 | 54.7 - 59.9 | 42.7 | 40.1 - 45.3 |
| West Sulawesi | 56.6 | 53.8 - 59.5 | 43.4 | 40.5 - 46.2 |
| Maluku | 48.0 | 45.6 - 50.4 | 52.0 | 49.6 - 54.4 |
| North Maluku | 47.4 | 44.9 - 50.0 | 52.6 | 50.0 - 55.1 |
| West Papua | 47.4 | 43.5 - 51.3 | 52.6 | 48.7 - 56.5 |
| Southwest Papua | 54.9 | 50.8 - 59.0 | 45.1 | 41.0 - 49.2 |
| Papua | 61.5 | 58.0 - 64.8 | 38.5 | 35.2 - 42.0 |
| South Papua | 49.9 | 46.1 - 53.7 | 50.1 | 46.3 - 53.9 |
| Central Papua | 38.0 | 31.6 - 44.8 | 62.0 | 55.2 - 68.4 |
| Highland Papua | 51.4 | 45.4 - 57.3 | 48.6 | 42.7 - 54.6 |
| INDONESIA | 62.6 | 62.3 - 63.0 | 37.4 | 37.0 - 37.7 |
| | | | | 711,286 |

Table 11. 104 Proportion of Physical Activity in Population Aged ≥10 by Province, 2023 SKI

| Characteristic | Physical Activity | | | | Weighted N |
|--|-------------------|-------------|------------|-------------|------------|
| | Enough | | Not enough | | |
| | % | 95% CI | % | 95% CI | |
| Age Range | | | | | |
| 10-14 | 42.0 | 41.3 - 42.8 | 58.0 | 57.2 - 58.7 | 66,880 |
| 15-19 | 49.6 | 48.8 - 50.4 | 50.4 | 49.6 - 51.2 | 67,140 |
| 20-24 | 60.0 | 59.1 - 60.9 | 40.0 | 39.1 - 40.9 | 67,751 |
| 25-29 | 68.2 | 67.4 - 68.9 | 31.8 | 31.1 - 32.6 | 68,165 |
| 30-34 | 70.8 | 70.1 - 71.5 | 29.2 | 28.5 - 29.9 | 67,029 |
| 35-39 | 71.3 | 70.6 - 72.0 | 28.7 | 28.0 - 29.4 | 65,016 |
| 40-44 | 72.8 | 72.1 - 73.4 | 27.2 | 26.6 - 27.9 | 61,875 |
| 45-49 | 72.5 | 71.8 - 73.1 | 27.5 | 26.9 - 28.2 | 57,971 |
| 50-54 | 71.4 | 70.8 - 72.1 | 28.6 | 27.9 - 29.2 | 51,344 |
| 55-59 | 68.2 | 67.5 - 68.9 | 31.8 | 31.1 - 32.5 | 43,672 |
| 60-64 | 61.6 | 60.8 - 62.4 | 38.4 | 37.6 - 39.2 | 35,130 |
| 65 + | 47.2 | 46.5 - 47.9 | 52.8 | 52.1 - 53.5 | 59,314 |
| Sex | | | | | |
| Male | 63.5 | 63.1 - 64.0 | 36.5 | 36.0 - 36.9 | 358,482 |
| Female | 61.7 | 61.3 - 62.2 | 38.3 | 37.8 - 38.7 | 352,804 |
| Education | | | | | |
| Never attended school | 53.8 | 52.8 - 54.9 | 46.2 | 45.1 - 47.2 | 35,612 |
| Some primary school | 53.8 | 53.0 - 54.5 | 46.2 | 45.5 - 47.0 | 75,359 |
| Primary school graduate | 65.0 | 64.4 - 65.5 | 35.0 | 34.5 - 35.6 | 190,716 |
| Junior secondary school graduate | 64.4 | 63.8 - 64.9 | 35.6 | 35.1 - 36.2 | 138,925 |
| Senior secondary school graduate | 64.6 | 64.0 - 65.1 | 35.4 | 34.9 - 36.0 | 208,914 |
| D1/D2/D3/university/graduate | 60.9 | 60.1 - 61.7 | 39.1 | 38.3 - 39.9 | 61,760 |
| Occupation | | | | | |
| Unemployed | 58.2 | 57.7 - 58.7 | 41.8 | 41.3 - 42.3 | 205,498 |
| Student | 46.1 | 45.4 - 46.8 | 53.9 | 53.2 - 54.6 | 113,575 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 60.7 | 59.6 - 61.8 | 39.3 | 38.2 - 40.4 | 20,068 |
| Private employee | 65.5 | 64.5 - 66.4 | 34.5 | 33.6 - 35.5 | 73,556 |
| Self-employed | 69.2 | 68.5 - 69.9 | 30.8 | 30.1 - 31.5 | 98,412 |
| Farmer/farm worker | 75.3 | 74.7 - 75.8 | 24.7 | 24.2 - 25.3 | 104,020 |
| Fisher | 69.5 | 67.2 - 71.7 | 30.5 | 28.3 - 32.8 | 5,166 |
| Labor/driver/domestic help | 74.7 | 73.8 - 75.6 | 25.3 | 24.4 - 26.2 | 52,168 |
| Others | 62.5 | 61.6 - 63.4 | 37.5 | 36.6 - 38.4 | 38,823 |
| Residence | | | | | |
| Urban | 60.6 | 60.1 - 61.1 | 39.4 | 38.9 - 39.9 | 416,383 |
| Rural | 65.5 | 65.0 - 66.1 | 34.5 | 33.9 - 35.0 | 294,903 |
| Economic Status | | | | | |
| Lowest | 64.6 | 63.9 - 65.3 | 35.4 | 34.7 - 36.1 | 103,577 |
| Lower Middle | 65.5 | 64.9 - 66.1 | 34.5 | 33.9 - 35.1 | 129,735 |
| Middle | 64.5 | 63.8 - 65.1 | 35.5 | 34.9 - 36.2 | 150,383 |
| Upper Middle | 62.3 | 61.6 - 62.9 | 37.7 | 37.1 - 38.4 | 165,087 |
| Highest | 57.8 | 57.0 - 58.5 | 42.2 | 41.5 - 43.0 | 162,452 |

Table 11. 105 Proportion of Reasons for Not Doing Physical Activity in Population Aged ≥10 by Province, 2023 SKI

| Province | Reasons for Not Doing Physical Activity (%), 95%CI | | | | Weighted N |
|--------------------|--|---------------------------|---------------------------|-------------------------|----------------|
| | No time | Lazy | Old | No friend | |
| Aceh | 44.0 (41.6 - 46.5) | 32.4 (30.0 - 34.8) | 19.2 (17.9 - 20.6) | 12.8 (11.1 - 14.8) | 4,372 |
| North Sumatera | 51.3 (49.3 - 53.4) | 33.4 (31.2 - 35.6) | 16.8 (15.8 - 17.9) | 9.2 (8.2 - 10.1) | 17,473 |
| West Sumatera | 49.5 (47.1 - 51.8) | 31.1 (29.0 - 33.4) | 20.3 (18.9 - 21.8) | 11.4 (10.0 - 13.1) | 3,779 |
| Riau | 52.2 (49.4 - 55.0) | 39.3 (36.6 - 42.1) | 13.9 (12.7 - 15.2) | 10.1 (8.4 - 12.0) | 6,259 |
| Jambi | 57.5 (54.2 - 60.6) | 44.5 (40.9 - 48.1) | 15.9 (14.4 - 17.5) | 16.3 (14.2 - 18.6) | 3,394 |
| South Sumatera | 46.5 (43.6 - 49.4) | 28.6 (26.4 - 30.9) | 17.5 (16.1 - 19.0) | 10.9 (9.6 - 12.4) | 6,448 |
| Bengkulu | 50.4 (47.2 - 53.5) | 40.0 (36.7 - 43.4) | 18.4 (16.6 - 20.5) | 11.7 (9.7 - 14.0) | 1,505 |
| Lampung | 46.7 (44.2 - 49.3) | 34.2 (31.7 - 36.8) | 17.7 (16.5 - 19.1) | 10.3 (8.9 - 11.9) | 8,739 |
| Bangka Belitung | 64.0 (61.1 - 66.8) | 51.3 (47.7 - 54.8) | 15.6 (14.1 - 17.1) | 16.7 (13.8 - 20.1) | 1,698 |
| Riau Islands | 56.6 (52.1 - 60.9) | 31.1 (27.9 - 34.6) | 15.5 (12.9 - 18.6) | 7.9 (6.2 - 9.9) | 1,919 |
| DKI Jakarta | 52.3 (49.3 - 55.2) | 41.4 (37.7 - 45.2) | 18.2 (16.2 - 20.4) | 7.0 (5.6 - 8.9) | 9,870 |
| West Java | 40.7 (38.9 - 42.5) | 36.3 (34.6 - 38.1) | 22.7 (21.4 - 24.0) | 9.7 (8.7 - 10.8) | 26,090 |
| Central Java | 46.3 (44.7 - 48.0) | 27.4 (26.0 - 28.8) | 22.5 (21.5 - 23.6) | 10.5 (9.5 - 11.5) | 23,807 |
| DI Yogyakarta | 48.6 (44.4 - 52.7) | 23.7 (21.3 - 26.3) | 24.5 (21.8 - 27.5) | 8.6 (6.5 - 11.2) | 2,108 |
| East Java | 53.0 (51.4 - 54.6) | 28.6 (27.0 - 30.3) | 22.7 (21.6 - 23.8) | 8.7 (7.8 - 9.6) | 28,009 |
| Banten | 51.4 (48.0 - 54.9) | 40.5 (37.3 - 43.9) | 17.7 (15.8 - 19.8) | 9.4 (7.9 - 11.2) | 7,909 |
| Bali | 49.7 (45.9 - 53.6) | 17.4 (14.9 - 20.2) | 28.6 (26.1 - 31.3) | 7.0 (5.6 - 8.9) | 2,654 |
| West Nusa Tenggara | 48.1 (45.1 - 51.0) | 25.7 (23.1 - 28.6) | 21.0 (18.7 - 23.5) | 8.0 (6.6 - 9.8) | 3,957 |
| East Nusa Tenggara | 40.2 (37.8 - 42.7) | 24.7 (22.6 - 26.8) | 18.1 (16.8 - 19.6) | 7.6 (6.6 - 8.8) | 3,224 |
| West Kalimantan | 52.7 (50.3 - 55.1) | 31.2 (29.0 - 33.6) | 16.4 (15.1 - 17.9) | 10.5 (9.2 - 11.9) | 5,148 |
| Central Kalimantan | 51.8 (48.5 - 55.1) | 36.3 (33.2 - 39.5) | 16.1 (14.6 - 17.7) | 14.9 (12.6 - 17.5) | 3,219 |
| South Kalimantan | 41.9 (39.3 - 44.6) | 29.1 (27.0 - 31.4) | 19.2 (17.7 - 20.8) | 12.2 (11.0 - 13.5) | 3,991 |
| East Kalimantan | 56.5 (53.2 - 59.8) | 36.5 (33.4 - 39.9) | 16.1 (14.2 - 18.1) | 9.7 (8.2 - 11.6) | 2,827 |
| North Kalimantan | 56.9 (52.0 - 61.7) | 43.7 (39.1 - 48.4) | 14.8 (12.3 - 17.6) | 10.6 (8.2 - 13.7) | 705 |
| North Sulawesi | 45.7 (42.9 - 48.5) | 30.6 (28.4 - 32.9) | 17.2 (15.7 - 18.9) | 7.3 (6.3 - 8.5) | 2,955 |
| Central Sulawesi | 54.7 (51.5 - 57.9) | 30.0 (26.8 - 33.3) | 15.1 (13.8 - 16.5) | 7.3 (6.1 - 8.7) | 2,601 |
| South Sulawesi | 50.7 (48.8 - 52.5) | 27.7 (26.2 - 29.4) | 19.8 (18.7 - 21.0) | 8.0 (7.1 - 9.0) | 7,929 |
| Southeast Sulawesi | 55.6 (52.8 - 58.4) | 41.4 (38.6 - 44.3) | 15.8 (14.4 - 17.2) | 16.3 (13.8 - 19.3) | 2,104 |
| Gorontalo | 47.3 (43.8 - 50.9) | 25.4 (22.8 - 28.2) | 15.3 (13.5 - 17.2) | 4.5 (3.5 - 5.7) | 1,033 |
| West Sulawesi | 49.4 (45.5 - 53.4) | 32.7 (29.4 - 36.2) | 15.6 (13.6 - 17.9) | 12.1 (9.9 - 14.9) | 1,397 |
| Maluku | 47.9 (45.0 - 50.7) | 37.0 (34.0 - 40.0) | 14.8 (13.3 - 16.5) | 7.7 (6.4 - 9.2) | 1,836 |
| North Maluku | 48.1 (44.4 - 51.8) | 36.2 (32.9 - 39.7) | 12.2 (10.6 - 13.9) | 11.4 (9.1 - 14.2) | 935 |
| West Papua | 50.7 (44.9 - 56.5) | 46.8 (41.1 - 52.5) | 11.0 (8.6 - 14.0) | 8.4 (6.2 - 11.1) | 553 |
| Southwest Papua | 55.0 (48.9 - 61.0) | 38.1 (32.9 - 43.6) | 13.2 (10.6 - 16.3) | 13.9 (10.0 - 18.9) | 478 |
| Papua | 42.9 (38.2 - 47.7) | 33.3 (28.2 - 38.9) | 17.7 (14.6 - 21.4) | 7.9 (5.8 - 10.6) | 566 |
| South Papua | 46.7 (40.5 - 52.9) | 44.8 (38.7 - 51.0) | 14.7 (11.6 - 18.5) | 15.6 (11.7 - 20.5) | 336 |
| Central Papua | 38.5 (30.4 - 47.2) | 27.6 (22.2 - 33.8) | 9.3 (7.0 - 12.2) | 9.0 (6.7 - 12.0) | 1,665 |
| Highland Papua | 27.5 (21.5 - 34.6) | 28.4 (21.9 - 35.9) | 13.9 (10.6 - 18.1) | 13.0 (9.6 - 17.5) | 1,240 |
| INDONESIA | 48.7 (48.2 - 49.2) | 32.6 (32.1 - 33.1) | 19.5 (19.1 - 19.8) | 9.8 (9.5 - 10.1) | 204,728 |

Table 11. 106 Proportion of Reasons for Not Doing Physical Activity in Population Aged ≥10 by Characteristic, 2023 SKI

| Characteristic | Reasons for Not Doing Physical Activity (%; 95%CI) | | | | Weighted N |
|--|--|--------------------|--------------------|--------------------|------------|
| | No time | Lazy | Old | No friend | |
| Age Range | | | | | |
| 10-14 | 34.5 (33.4 - 35.6) | 54.6 (53.5 - 55.8) | | 14.4 (13.7 - 15.2) | 23,519 |
| 15-19 | 46.9 (45.6 - 48.2) | 54.4 (53.0 - 55.7) | | 15.0 (14.1 - 15.9) | 20,721 |
| 20-24 | 55.1 (53.6 - 56.6) | 47.6 (46.1 - 49.0) | | 14.0 (13.0 - 15.1) | 20,016 |
| 25-29 | 63.1 (61.6 - 64.6) | 36.0 (34.5 - 37.4) | | 11.2 (10.2 - 12.1) | 17,319 |
| 30-34 | 67.7 (66.3 - 69.0) | 31.3 (30.0 - 32.7) | | 9.9 (9.1 - 10.8) | 16,112 |
| 35-39 | 69.3 (67.8 - 70.9) | 28.6 (27.3 - 29.9) | | 8.5 (7.8 - 9.2) | 15,379 |
| 40-44 | 68.5 (67.2 - 69.7) | 28.9 (27.7 - 30.2) | | 8.5 (7.8 - 9.2) | 14,272 |
| 45-49 | 66.2 (64.7 - 67.7) | 28.2 (27.0 - 29.6) | 5.3 (4.8 - 5.9) | 8.7 (8.0 - 9.5) | 13,542 |
| 50-54 | 59.3 (58.0 - 60.7) | 24.9 (23.7 - 26.1) | 14.5 (13.6 - 15.5) | 8.5 (7.9 - 9.2) | 12,705 |
| 55-59 | 47.5 (46.1 - 48.9) | 22.1 (20.9 - 23.4) | 34.6 (33.3 - 36.0) | 7.5 (6.9 - 8.3) | 11,560 |
| 60-64 | 25.5 (24.2 - 26.8) | 13.1 (12.2 - 14.1) | 73.2 (71.8 - 74.5) | 4.8 (4.2 - 5.3) | 11,694 |
| 65 + | 12.9 (12.2 - 13.6) | 8.0 (7.4 - 8.6) | 88.7 (88.0 - 89.3) | 3.6 (3.3 - 4.0) | 27,889 |
| Sex | | | | | |
| Male | 52.9 (52.3 - 53.5) | 31.5 (30.9 - 32.1) | 14.6 (14.3 - 15.0) | 8.9 (8.5 - 9.2) | 117,413 |
| Female | 43.0 (42.4 - 43.7) | 34.1 (33.4 - 34.7) | 26.0 (25.5 - 26.5) | 11.0 (10.6 - 11.4) | 87,315 |
| Education | | | | | |
| Never attended school | 29.4 (28.2 - 30.8) | 24.7 (23.5 - 26.0) | 39.4 (37.9 - 40.9) | 9.0 (8.2 - 9.9) | 13,996 |
| Some primary school | 35.1 (34.1 - 36.2) | 37.4 (36.3 - 38.4) | 22.7 (21.8 - 23.6) | 10.7 (10.0 - 11.4) | 25,964 |
| Primary school graduate | 41.8 (41.0 - 42.6) | 27.7 (26.9 - 28.4) | 30.5 (29.8 - 31.2) | 8.4 (8.0 - 8.9) | 55,811 |
| Junior secondary school graduate | 53.9 (52.9 - 54.9) | 36.2 (35.2 - 37.2) | 10.7 (10.2 - 11.2) | 10.9 (10.3 - 11.5) | 38,260 |
| Senior secondary school graduate | 59.4 (58.5 - 60.3) | 35.6 (34.8 - 36.5) | 9.4 (9.0 - 9.8) | 10.1 (9.6 - 10.6) | 55,769 |
| D1/D2/D3/university/graduate | 62.7 (61.3 - 64.0) | 29.7 (28.4 - 31.0) | 14.2 (13.3 - 15.1) | 10.0 (9.3 - 10.8) | 14,930 |
| Occupation | | | | | |
| Unemployed | 34.8 (34.1 - 35.6) | 33.5 (32.7 - 34.2) | 30.1 (29.5 - 30.8) | 10.6 (10.2 - 11.1) | 59,819 |
| Student | 42.8 (41.8 - 43.8) | 54.4 (53.3 - 55.5) | 0.5 (0.4 - 0.6) | 14.5 (13.8 - 15.2) | 36,388 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 61.9 (59.9 - 63.9) | 23.5 (21.8 - 25.2) | 21.5 (19.8 - 23.2) | 8.4 (7.5 - 9.4) | 4,987 |
| Private employee | 73.4 (72.0 - 74.7) | 31.5 (30.0 - 33.1) | 4.8 (4.3 - 5.3) | 8.2 (7.4 - 9.1) | 19,087 |
| Self-employed | 61 (59.9 - 62.2) | 28.0 (26.9 - 29.2) | 15.6 (14.8 - 16.4) | 8.4 (7.8 - 9.1) | 26,749 |
| Farmer/farm worker | 48.4 (47.3 - 49.6) | 17.8 (17.0 - 18.6) | 31.6 (30.7 - 32.5) | 6.5 (6.0 - 7.0) | 31,043 |
| Fisher | 63 (59.4 - 66.4) | 21.9 (19.4 - 24.7) | 14.1 (12.0 - 16.4) | 7.1 (5.3 - 9.5) | 1,921 |
| Labor/driver/domestic help | 60.3 (58.7 - 62) | 25.2 (23.7 - 26.7) | 15.6 (14.5 - 16.7) | 7.0 (6.2 - 7.9) | 14,374 |
| Others | 47.8 (46.2 - 49.3) | 26.2 (24.8 - 27.6) | 30.7 (29.4 - 32.1) | 9.9 (9.1 - 10.8) | 10,361 |
| Residence | | | | | |
| Urban | 49.9 (49.2 - 50.6) | 34.4 (33.7 - 35.1) | 20.0 (19.5 - 20.4) | 9.4 (9.0 - 9.7) | 118,410 |
| Rural | 47.1 (46.3 - 47.9) | 30.1 (29.3 - 30.9) | 18.8 (18.3 - 19.3) | 10.4 (9.9 - 10.9) | 86,318 |
| Economic Status | | | | | |
| Lowest | 38.7 (37.6 - 39.8) | 25.9 (25.0 - 26.9) | 28.4 (27.5 - 29.4) | 8.2 (7.7 - 8.8) | 32,078 |
| Lower Middle | 46.4 (45.4 - 47.4) | 30.4 (29.5 - 31.3) | 21.4 (20.7 - 22.1) | 9.5 (8.9 - 10.0) | 38,568 |
| Middle | 50.6 (49.6 - 51.6) | 32.9 (31.9 - 33.8) | 17.3 (16.6 - 17.9) | 10.1 (9.5 - 10.7) | 43,816 |
| Upper Middle | 51.1 (50.2 - 52.1) | 35.2 (34.2 - 36.2) | 16.5 (15.9 - 17.2) | 10.4 (9.9 - 11.0) | 45,974 |
| Highest | 53.5 (52.5 - 54.6) | 36.4 (35.4 - 37.5) | 16.6 (15.9 - 17.2) | 10.3 (9.7 - 10.9) | 44,259 |

11. 11 PERIODIC HEALTH EXAMINATION BEHAVIOR

The information that will be collected is the behavior of measuring/monitoring blood pressure, body weight, measuring height, measuring waistline, checking cholesterol levels, measuring blood glucose, carrying out cervical cancer screening (Pap smear/IVA test), breast examination (SADARI/SADANIS). These examinations are to determine the behavior of household members to determine several risk factors for non-communicable diseases/degenerative diseases. Periodic health checks in case of illness should be carried out at least once a month, while for healthy population at least once a year. The household members aged ≥ 15 years old were asked about her periodic health check.

- a. Proportion that measures/monitors blood pressure.

$$= \frac{\sum \text{Household members aged } \geq 15 \text{ having blood pressure examination in province X}}{\sum \text{Household members aged } \geq 15 \text{ in province X}}$$
$$= \frac{\sum \text{Household members aged } \geq 15 \text{ having blood pressure examination by characteristic}}{\sum \text{Household members aged } \geq 15 \text{ by characteristic}}$$

- b. Proportion of population not suffering from hypertension but measuring/monitoring blood pressure.

$$= \frac{\sum \text{Household members aged } \geq 15 \text{ not suffering from hypertension and checking blood pressure in province X}}{\sum \text{Household members aged } \geq 15 \text{ who is not suffering from hypertension in province X}}$$
$$= \frac{\sum \text{Household members aged } \geq 15 \text{ not suffering from hypertension and checking blood pressure by characteristic}}{\sum \text{Household members aged } \geq 15 \text{ who is not suffering from hypertension by characteristic}}$$

- c. Proportion of population measuring their body weight.

$$= \frac{\sum \text{Household members aged } \geq 15 \text{ measuring their body weight with certain frequency in province X}}{\sum \text{Household members aged } \geq 15 \text{ in province X}}$$
$$= \frac{\sum \text{Household members aged } \geq 15 \text{ measuring their body weight with certain frequency by characteristic}}{\sum \text{Household members aged } \geq 15 \text{ by characteristic}}$$

- d. Proportion of population measuring their body height.

$$= \frac{\sum \text{Household members aged } \geq 15 \text{ measuring their body height with certain frequency in province X}}{\sum \text{Household members aged } \geq 15 \text{ in province X}}$$
$$= \frac{\sum \text{Household members aged } \geq 15 \text{ measuring their body height with certain frequency by characteristic}}{\sum \text{Household members aged } \geq 15 \text{ by characteristic}}$$

- e. Proportion of population measuring their waistline.

$$= \frac{\sum \text{Household members aged } \geq 15 \text{ measuring waistline with certain frequency in province X}}{\sum \text{Household members aged } \geq 15 \text{ in province X}}$$
$$= \frac{\sum \text{Household members aged } \geq 15 \text{ measuring waistline with certain frequency by characteristic}}{\sum \text{Household members aged } \geq 15 \text{ by characteristic}}$$

- f. Proportion of population measuring cholesterol

$$= \frac{\sum \text{Household members aged } \geq 15 \text{ measuring cholesterol with certain frequency in province X}}{\sum \text{Household members aged } \geq 15 \text{ in province X}}$$
$$= \frac{\sum \text{Household members aged } \geq 15 \text{ measuring cholesterol with certain frequency by characteristic}}{\sum \text{Household members aged } \geq 15 \text{ by characteristic}}$$

- g. Proportion of population measuring blood glucose

$$= \frac{\sum \text{Household members aged } \geq 15 \text{ measuring blood glucose in province X}}{\sum \text{Household members aged } \geq 15 \text{ in province X}}$$
$$= \frac{\sum \text{Household members aged } \geq 15 \text{ measuring blood glucose by characteristic}}{\sum \text{Household members aged } \geq 15 \text{ by characteristic}}$$

h. Proportion of population not having diabetes and checking blood glucose

$$= \frac{\sum_{\text{Household members aged } \geq 15 \text{ not having diabetes and checking blood glucose in province } X}}{\sum_{\text{All household members aged } \geq 15 \text{ not having diabetes in province } X}}$$
$$= \frac{\sum_{\text{Household members aged } \geq 15 \text{ not having diabetes and checking blood glucose by characteristic}}}{\sum_{\text{All household members aged } \geq 15 \text{ not having diabetes by characteristic}}}$$

i. Proportion of female population having cervical cancer screening (pap smear/IVA)

$$= \frac{\sum_{\text{Married household members aged } \geq 15 \text{ having cervical cancer screening (Pap smear/IVA) in province } X}}{\sum_{\text{All married household members aged } \geq 15 \text{ in province } X}}$$

$$= \frac{\sum_{\text{Married household members aged } \geq 15 \text{ having cervical cancer screening (Pap smear/IVA) by characteristic}}}{\sum_{\text{All married household members aged } \geq 15 \text{ by characteristic}}}$$

j. Proportion of female population having breast examination (SADARI/SADANIS)

$$= \frac{\sum_{\text{Female Household members aged } \geq 15 \text{ having breast examination (SADARI/SADANIS) in province } x}}{\sum_{\text{Female household members aged } \geq 15 \text{ in province } X}}$$
$$= \frac{\sum_{\text{Female Household members aged } \geq 15 \text{ having breast examination (SADARI/SADANIS) by characteristic}}}{\sum_{\text{Female household members aged } \geq 15 \text{ by characteristic}}}$$

k. Proportion of health examination place

$$= \frac{\sum_{\substack{\text{Household members aged } \geq 15 \text{ having health examination} \\ \text{in hospital/ public health center/ clinic/physician clinician/integrated healthcare center/lab/house/others in province } X}}}{\sum_{\text{Household members aged } \geq 15 \text{ having health examination in province } X}}$$

$$= \frac{\sum_{\substack{\text{Household members aged } \geq 15 \text{ having health examination} \\ \text{in hospital/ public health center/ clinic/physician clinician/integrated healthcare center/lab/house/others by characteristic}}}}{\sum_{\text{Household members aged } \geq 15 \text{ having health examination by characteristic}}}$$

Table 11. 107 Proportion of People Who Have Blood Pressure Examination in Population ≥15 by Province, 2023 SKI

| Province | Measuring/Monitoring Blood Pressure (%) | | | | | | Weighted N |
|--------------------|---|---------------------------|---------------------------|-----------------------|------------------|-------------|----------------|
| | Minimum once per 1 month | Minimum once per 3 months | Minimum once per 6 months | Minimum once per year | More than 1 year | Never | |
| Aceh | 17.5 | 18.1 | 21.5 | 7.8 | 7.8 | 27.3 | 12,053 |
| North Sumatera | 10.1 | 11.9 | 15.1 | 8.9 | 13.8 | 40.2 | 33,884 |
| West Sumatera | 15.8 | 11.3 | 17.1 | 10.1 | 18.0 | 27.7 | 13,042 |
| Riau | 11.8 | 12.5 | 17.7 | 9.4 | 16.5 | 32.1 | 14,599 |
| Jambi | 10.4 | 15.6 | 20.7 | 14.5 | 15.3 | 23.5 | 8,242 |
| South Sumatera | 11.5 | 12.4 | 16.1 | 9.3 | 17.2 | 33.4 | 19,474 |
| Bengkulu | 13.5 | 13.7 | 19.6 | 11.0 | 12.2 | 30.0 | 4,687 |
| Lampung | 12.6 | 14.7 | 15.1 | 8.1 | 13.9 | 35.6 | 21,021 |
| Bangka Belitung | 15.2 | 12.2 | 13.4 | 10.1 | 15.5 | 33.6 | 3,451 |
| Riau Islands | 14.1 | 9.6 | 13.9 | 11.9 | 11.7 | 38.9 | 4,780 |
| DKI Jakarta | 22.5 | 10.4 | 11.4 | 8.5 | 13.2 | 34.0 | 24,981 |
| West Java | 17.6 | 12.0 | 11.7 | 9.3 | 14.0 | 35.3 | 114,619 |
| Central Java | 18.6 | 12.6 | 12.0 | 8.3 | 14.2 | 34.2 | 88,180 |
| DI Yogyakarta | 29.6 | 10.4 | 10.5 | 7.7 | 11.1 | 30.6 | 8,988 |
| East Java | 16.6 | 11.7 | 11.1 | 6.8 | 11.2 | 42.5 | 98,738 |
| Banten | 15.6 | 13.8 | 13.2 | 10.9 | 12.5 | 34.0 | 27,784 |
| Bali | 16.5 | 11.8 | 23.3 | 7.5 | 10.8 | 30.1 | 10,476 |
| West Nusa Tenggara | 18.3 | 15.1 | 13.2 | 7.6 | 9.1 | 36.8 | 12,186 |
| East Nusa Tenggara | 14.9 | 9.7 | 11.1 | 8.0 | 13.0 | 43.3 | 11,853 |
| West Kalimantan | 13.6 | 14.4 | 18.2 | 12.1 | 13.3 | 28.4 | 12,637 |
| Central Kalimantan | 17.2 | 17.0 | 16.2 | 9.3 | 13.3 | 27.0 | 6,286 |
| South Kalimantan | 17.1 | 14.6 | 14.3 | 11.0 | 16.9 | 26.1 | 9,352 |
| East Kalimantan | 20.7 | 11.4 | 12.0 | 15.1 | 12.4 | 28.4 | 8,929 |
| North Kalimantan | 15.7 | 16.8 | 16.3 | 9.6 | 18.1 | 23.5 | 1,654 |
| North Sulawesi | 20.1 | 14.2 | 15.6 | 8.6 | 12.2 | 29.3 | 6,239 |
| Central Sulawesi | 16.6 | 11.3 | 12.0 | 7.2 | 10.8 | 42.0 | 6,851 |
| South Sulawesi | 15.7 | 12.3 | 14.1 | 10.2 | 13.0 | 34.7 | 21,459 |
| Southeast Sulawesi | 17.6 | 12.6 | 12.8 | 7.1 | 10.1 | 39.7 | 5,977 |
| Gorontalo | 14.6 | 12.7 | 13.5 | 8.8 | 10.6 | 39.8 | 2,762 |
| West Sulawesi | 15.9 | 13.7 | 14.1 | 8.5 | 14.7 | 33.2 | 3,212 |
| Maluku | 16.7 | 9.3 | 10.0 | 5.4 | 6.2 | 52.4 | 4,299 |
| North Maluku | 18.5 | 14.3 | 12.9 | 5.8 | 6.2 | 42.2 | 2,938 |
| West Papua | 12.5 | 9.9 | 12.5 | 6.0 | 10.6 | 48.4 | 1,259 |
| Southwest Papua | 15.1 | 9.9 | 10.0 | 7.3 | 8.0 | 49.8 | 1,387 |
| Papua | 12.6 | 12.9 | 12.9 | 8.5 | 8.5 | 44.7 | 2,114 |
| South Papua | 12.5 | 9.2 | 16.4 | 9.4 | 7.8 | 44.6 | 987 |
| Central Papua | 18.1 | 10.6 | 9.2 | 8.6 | 7.3 | 46.3 | 3,304 |
| Highland Papua | 6.3 | 10.5 | 8.8 | 6.2 | 18.6 | 49.6 | 3,496 |
| INDONESIA | 16.5 | 12.4 | 13.3 | 8.8 | 13.1 | 35.8 | 638,178 |

Table 11. 108 Proportion of Who Have Blood Pressure Examination in Population Aged ≥15 by Characteristic, 2023 SKI

| Characteristic | Mínimum once per month | Measuring/Monitoring Blood Pressure (%) | | | | | Weighted N |
|--|------------------------|---|---------------------------|-----------------------|------------------|-------|------------|
| | | Minimum once per 3 months | Minimum once per 6 months | Minimum once per year | More than 1 year | Never | |
| Age Range | | | | | | | |
| 15-19 | 4.9 | 5.8 | 9.0 | 8.2 | 14.7 | 57.4 | 66,491 |
| 20-24 | 9.4 | 9.8 | 11.8 | 9.7 | 15.2 | 44.1 | 67,096 |
| 25-29 | 14.1 | 13.1 | 13.6 | 9.4 | 13.6 | 36.2 | 67,506 |
| 30-34 | 14.8 | 13.9 | 14.8 | 9.5 | 13.0 | 33.9 | 66,381 |
| 35-39 | 14.8 | 13.6 | 14.6 | 9.7 | 13.8 | 33.6 | 64,388 |
| 40-44 | 15.2 | 14.4 | 14.4 | 9.6 | 13.1 | 33.3 | 61,277 |
| 45-49 | 17.3 | 14.1 | 14.7 | 8.9 | 12.7 | 32.2 | 57,410 |
| 50-54 | 20.7 | 13.1 | 14.4 | 8.8 | 12.6 | 30.5 | 50,848 |
| 55-59 | 24.0 | 13.8 | 13.9 | 8.0 | 11.9 | 28.4 | 43,250 |
| 60-64 | 27.2 | 13.6 | 13.2 | 7.5 | 11.3 | 27.1 | 34,790 |
| 65 + | 29.3 | 13.5 | 12.6 | 6.5 | 10.9 | 27.2 | 58,740 |
| Sex | | | | | | | |
| Male | 11.1 | 9.1 | 12.6 | 9.6 | 15.0 | 42.6 | 321,060 |
| Female | 21.9 | 15.8 | 14.1 | 8.0 | 11.3 | 28.9 | 317,118 |
| Education | | | | | | | |
| Never attended school | 15.6 | 11.7 | 12.7 | 7.7 | 12.6 | 39.8 | 28,242 |
| Some primary school | 16.7 | 12.8 | 13.2 | 8.1 | 13.3 | 35.9 | 41,063 |
| Primary school graduate | 16.1 | 13.0 | 12.8 | 8.1 | 13.4 | 36.6 | 164,806 |
| Junior secondary school graduate | 13.4 | 11.8 | 12.4 | 8.4 | 13.8 | 40.3 | 136,092 |
| Senior secondary school graduate | 16.0 | 11.8 | 13.7 | 9.7 | 13.4 | 35.5 | 206,812 |
| D1/D2/D3/university graduate | 26.5 | 14.9 | 15.8 | 9.6 | 10.2 | 22.9 | 61,163 |
| Occupation | | | | | | | |
| Unemployed | 21.3 | 15.4 | 13.2 | 7.6 | 11.5 | 31.0 | 190,053 |
| Student | 6.2 | 6.4 | 10.1 | 8.6 | 14.6 | 54.1 | 60,062 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 30.0 | 17.3 | 17.7 | 8.7 | 8.7 | 17.6 | 19,874 |
| Private employee | 16.1 | 11.5 | 14.4 | 11.7 | 13.0 | 33.3 | 72,773 |
| Self-employed | 15.0 | 11.8 | 13.6 | 9.1 | 13.7 | 36.8 | 97,402 |
| Farmer/farm worker | 13.6 | 11.7 | 13.7 | 8.7 | 14.8 | 37.4 | 102,975 |
| Fisher | 8.9 | 9.1 | 12.8 | 8.4 | 15.2 | 45.5 | 5,107 |
| Labor/driver/domestic help | 11.1 | 8.9 | 12.4 | 9.5 | 16.4 | 41.8 | 51,619 |
| Others | 22.5 | 15.1 | 14.2 | 8.1 | 11.2 | 28.8 | 38,313 |
| Residence | | | | | | | |
| Urban | 18.1 | 12.0 | 13.0 | 9.0 | 12.9 | 35.1 | 374,080 |
| Rural | 14.3 | 13.1 | 13.7 | 8.6 | 13.5 | 36.8 | 264,098 |
| Economic Status | | | | | | | |
| Lowest | 12.7 | 11.2 | 11.5 | 8.0 | 14.1 | 42.5 | 93,524 |
| Lower Middle | 13.6 | 11.8 | 12.8 | 8.4 | 14.1 | 39.2 | 116,496 |
| Middle | 14.6 | 12.3 | 13.1 | 8.5 | 13.7 | 37.7 | 134,549 |
| Upper Middle | 16.4 | 12.7 | 13.9 | 9.1 | 13.2 | 34.6 | 147,605 |
| Highest | 23.0 | 13.5 | 14.5 | 9.6 | 11.1 | 28.2 | 145,956 |

Table 11. 109 Proportion of Health Examination of Measuring/Monitoring Blood Pressure in Population Aged ≥15 Who Do Not Have Hypertension by Province, 2023 SKI

| Province | Measuring/Monitoring Blood Pressure (%) | | | Weighted N |
|--------------------|---|--------------------|-------------|----------------|
| | Minimum once per year | More than one year | Never | |
| Aceh | 62.9 | 8.0 | 29.1 | 11,052 |
| North Sumatera | 44.5 | 14.1 | 41.4 | 32,271 |
| West Sumatera | 52.1 | 18.7 | 29.2 | 12,060 |
| Riau | 49.5 | 17.1 | 33.4 | 13,552 |
| Jambi | 59.9 | 15.8 | 24.3 | 7,772 |
| South Sumatera | 47.2 | 17.7 | 35.1 | 17,987 |
| Bengkulu | 56.3 | 12.6 | 31.1 | 4,347 |
| Lampung | 48.2 | 14.4 | 37.3 | 19,382 |
| Bangka Belitung | 48.0 | 16.2 | 35.8 | 3,131 |
| Riau Islands | 47.1 | 12.0 | 40.9 | 4,410 |
| DKI Jakarta | 48.9 | 14.0 | 37.1 | 21,733 |
| West Java | 47.9 | 14.7 | 37.4 | 102,788 |
| Central Java | 49.5 | 14.7 | 35.8 | 81,730 |
| DI Yogyakarta | 54.7 | 12.0 | 33.3 | 7,847 |
| East Java | 43.6 | 11.5 | 44.9 | 90,392 |
| Banten | 51.0 | 13.0 | 36.1 | 25,046 |
| Bali | 57.0 | 11.2 | 31.7 | 9,627 |
| West Nusa Tenggara | 51.9 | 9.3 | 38.7 | 11,310 |
| East Nusa Tenggara | 41.8 | 13.3 | 44.9 | 11,062 |
| West Kalimantan | 56.3 | 13.9 | 29.7 | 11,622 |
| Central Kalimantan | 57.5 | 13.9 | 28.5 | 5,763 |
| South Kalimantan | 54.6 | 17.7 | 27.7 | 8,546 |
| East Kalimantan | 56.5 | 13.1 | 30.4 | 7,901 |
| North Kalimantan | 56.0 | 19.2 | 24.9 | 1,529 |
| North Sulawesi | 55.1 | 13.0 | 31.9 | 5,461 |
| Central Sulawesi | 44.1 | 11.3 | 44.6 | 6,253 |
| South Sulawesi | 49.9 | 13.5 | 36.6 | 19,938 |
| Southeast Sulawesi | 48.3 | 10.4 | 41.2 | 5,637 |
| Gorontalo | 47.1 | 11.0 | 41.8 | 2,525 |
| West Sulawesi | 49.9 | 15.3 | 34.8 | 2,990 |
| Maluku | 39.7 | 6.3 | 54.0 | 4,096 |
| North Maluku | 50.4 | 6.3 | 43.3 | 2,795 |
| West Papua | 39.8 | 10.5 | 49.8 | 1,179 |
| Southwest Papua | 40.8 | 8.0 | 51.2 | 1,301 |
| Papua | 44.5 | 8.6 | 46.9 | 1,957 |
| South Papua | 45.1 | 8.2 | 46.7 | 922 |
| Central Papua | 45.8 | 7.2 | 47.0 | 3,192 |
| Highland Papua | 30.6 | 19.0 | 50.4 | 3,406 |
| INDONESIA | 48.7 | 13.6 | 37.7 | 584,510 |

Blood pressure examination at least once a year for those who do not have hypertension.

People who do not have hypertension are determined based on interviews (have been diagnosed by a doctor).

Table 11. 110 Proportion of Health Examination of Measuring/Monitoring Blood Pressure in Population Aged ≥15 Who Do Not Have Hypertension by Characteristic, 2023 SKI

| Characteristic | Measuring/Monitoring Blood Pressure (%) | | | Weighted N |
|--|---|------------------|-------|------------|
| | Minimum once per year | More than 1 year | Never | |
| Age Range | | | | |
| 15-19 | 27.9 | 14.7 | 57.4 | 66,123 |
| 20-24 | 40.6 | 15.2 | 44.2 | 66,439 |
| 25-29 | 49.9 | 13.7 | 36.4 | 66,298 |
| 30-34 | 52.6 | 13.1 | 34.2 | 64,576 |
| 35-39 | 51.8 | 14.0 | 34.2 | 61,680 |
| 40-44 | 51.9 | 13.6 | 34.5 | 56,959 |
| 45-49 | 52.7 | 13.1 | 34.2 | 51,395 |
| 50-54 | 53.2 | 13.6 | 33.3 | 43,643 |
| 55-59 | 55.5 | 12.8 | 31.7 | 35,611 |
| 60-64 | 56.9 | 12.4 | 30.7 | 27,574 |
| 65 + | 55.8 | 12.2 | 32.0 | 44,212 |
| Sex | | | | |
| Male | 40.5 | 15.3 | 44.1 | 301,949 |
| Female | 57.3 | 11.8 | 30.8 | 282,561 |
| Education | | | | |
| Never attended school | 44.0 | 13.2 | 42.8 | 24,793 |
| Some primary school | 47.2 | 14.1 | 38.7 | 36,014 |
| Primary school graduate | 46.6 | 14.1 | 39.3 | 145,922 |
| Junior secondary school graduate | 44.1 | 14.2 | 41.8 | 128,053 |
| Senior secondary school graduate | 49.4 | 13.8 | 36.8 | 193,795 |
| D1/D2/D3/university graduate | 65.1 | 10.7 | 24.2 | 55,932 |
| Occupation | | | | |
| Unemployed | 54.5 | 12.1 | 33.4 | 167,213 |
| Student | 31.0 | 14.7 | 54.3 | 59,467 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 72.0 | 9.3 | 18.7 | 17,631 |
| Private employee | 52.4 | 13.2 | 34.3 | 68,900 |
| Self-employed | 47.3 | 14.2 | 38.5 | 89,908 |
| Farmer/farm worker | 45.5 | 15.2 | 39.3 | 94,207 |
| Fisher | 37.2 | 15.7 | 47.1 | 4,839 |
| Labor/driver/domestic help | 39.7 | 16.8 | 43.5 | 48,102 |
| Others | 57.5 | 11.8 | 30.7 | 34,244 |
| Residence | | | | |
| Urban | 49.3 | 13.5 | 37.2 | 338,566 |
| Rural | 47.7 | 13.9 | 38.4 | 245,944 |
| Economic Status | | | | |
| Lowest | 41.2 | 14.4 | 44.4 | 86,190 |
| Lower Middle | 44.4 | 14.6 | 40.9 | 107,495 |
| Middle | 46.1 | 14.2 | 39.7 | 123,709 |
| Upper Middle | 49.8 | 13.7 | 36.5 | 135,056 |
| Highest | 58.2 | 11.8 | 30.0 | 132,018 |

Blood pressure examination at least once a year for those who do not have hypertension.

People who do not have hypertension are determined based on interviews (have been diagnosed by a doctor).

Table 11. 111 Proportion of Health Examination of Body Weight in the Population Aged ≥ 15 by Province, 2023 SKI

| Province | Measuring Body Weight (%)) | | | Weighted N |
|--------------------|-----------------------------|------------------|-------------|----------------|
| | Minimum once per year | More than 1 year | Never | |
| Aceh | 61.4 | 9.4 | 29.2 | 12,053 |
| North Sumatera | 46.3 | 13.8 | 39.9 | 33,884 |
| West Sumatera | 54.5 | 18.6 | 26.9 | 13,042 |
| Riau | 52.5 | 16.7 | 30.8 | 14,599 |
| Jambi | 59.4 | 16.5 | 24.1 | 8,242 |
| South Sumatera | 49.5 | 17.1 | 33.4 | 19,474 |
| Bengkulu | 57.5 | 12.8 | 29.7 | 4,687 |
| Lampung | 49.9 | 13.9 | 36.2 | 21,021 |
| Bangka Belitung | 53.0 | 15.0 | 32.0 | 3,451 |
| Riau Islands | 51.0 | 11.6 | 37.4 | 4,780 |
| DKI Jakarta | 57.3 | 11.9 | 30.8 | 24,981 |
| West Java | 52.2 | 13.6 | 34.2 | 114,619 |
| Central Java | 52.3 | 13.3 | 34.4 | 88,180 |
| DI Yogyakarta | 61.3 | 8.9 | 29.8 | 8,988 |
| East Java | 42.4 | 10.6 | 47.1 | 98,738 |
| Banten | 55.1 | 12.3 | 32.6 | 27,784 |
| Bali | 54.1 | 10.9 | 35.0 | 10,476 |
| West Nusa Tenggara | 42.7 | 9.3 | 48.0 | 12,186 |
| East Nusa Tenggara | 41.5 | 13.2 | 45.3 | 11,853 |
| West Kalimantan | 56.6 | 13.4 | 29.9 | 12,637 |
| Central Kalimantan | 57.7 | 14.3 | 28.0 | 6,286 |
| South Kalimantan | 55.5 | 18.1 | 26.4 | 9,352 |
| East Kalimantan | 59.7 | 12.3 | 28.0 | 8,929 |
| North Kalimantan | 56.7 | 18.5 | 24.8 | 1,654 |
| North Sulawesi | 55.5 | 12.4 | 32.1 | 6,239 |
| Central Sulawesi | 44.6 | 11.1 | 44.3 | 6,851 |
| South Sulawesi | 48.1 | 13.8 | 38.1 | 21,459 |
| Southeast Sulawesi | 46.7 | 10.4 | 42.9 | 5,977 |
| Gorontalo | 44.7 | 10.3 | 45.0 | 2,762 |
| West Sulawesi | 44.2 | 15.7 | 40.0 | 3,212 |
| Maluku | 36.0 | 6.5 | 57.5 | 4,299 |
| North Maluku | 46.3 | 6.6 | 47.1 | 2,938 |
| West Papua | 38.4 | 11.9 | 49.7 | 1,259 |
| Southwest Papua | 40.3 | 8.4 | 51.2 | 1,387 |
| Papua | 45.4 | 8.9 | 45.7 | 2,114 |
| South Papua | 45.4 | 8.8 | 45.9 | 987 |
| Central Papua | 42.7 | 10.5 | 46.8 | 3,304 |
| Highland Papua | 32.6 | 20.8 | 46.6 | 3,496 |
| INDONESIA | 50.3 | 12.9 | 36.8 | 638,178 |

Table 11. 112 Proportion of Health Examination of Body Weight in the Population Aged ≥ 15 by Characteristic, 2023 SKI

| Characteristic | Measuring Body Weight (%) | | | Weighted N |
|--|---------------------------|------------------|-------|------------|
| | Minimum once per year | More than 1 year | Never | |
| Age Range | | | | |
| 15-19 | 39.4 | 14.8 | 45.8 | 66,491 |
| 20-24 | 45.8 | 13.8 | 40.4 | 67,096 |
| 25-29 | 51.8 | 12.9 | 35.4 | 67,506 |
| 30-34 | 53.9 | 11.9 | 34.1 | 66,381 |
| 35-39 | 51.9 | 13.1 | 35.0 | 64,388 |
| 40-44 | 51.6 | 12.9 | 35.5 | 61,277 |
| 45-49 | 51.7 | 12.4 | 35.9 | 57,410 |
| 50-54 | 52.2 | 12.9 | 35.0 | 50,848 |
| 55-59 | 53.1 | 12.5 | 34.4 | 43,250 |
| 60-64 | 53.4 | 12.5 | 34.2 | 34,790 |
| 65 + | 51.7 | 12.0 | 36.2 | 58,740 |
| Sex | | | | |
| Male | 41.4 | 14.9 | 43.7 | 321,060 |
| Female | 59.3 | 10.9 | 29.8 | 317,118 |
| Education | | | | |
| Never attended school | 40.3 | 13.0 | 46.7 | 28,242 |
| Some primary school | 45.4 | 13.8 | 40.8 | 41,063 |
| Primary school graduate | 46.0 | 14.0 | 40.0 | 164,806 |
| Junior secondary school graduate | 47.7 | 13.6 | 38.7 | 136,092 |
| Senior secondary school graduate | 52.6 | 12.5 | 34.9 | 206,812 |
| D1/D2/D3/university graduate | 67.8 | 9.2 | 23.0 | 61,163 |
| Occupation | | | | |
| Unemployed | 56.1 | 11.4 | 32.5 | 190,053 |
| Student | 42.6 | 14.1 | 43.3 | 60,062 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 71.4 | 8.7 | 19.9 | 19,874 |
| Private employee | 56.0 | 12.0 | 32.0 | 72,773 |
| Self-employed | 47.8 | 13.5 | 38.8 | 97,402 |
| Farmer/farm worker | 41.1 | 15.0 | 43.9 | 102,975 |
| Fisher | 34.0 | 14.7 | 51.3 | 5,107 |
| Labor/driver/domestic help | 41.0 | 15.9 | 43.1 | 51,619 |
| Others | 57.3 | 11.5 | 31.2 | 38,313 |
| Residence | | | | |
| Urban | 52.8 | 12.3 | 34.9 | 374,080 |
| Rural | 46.7 | 13.8 | 39.5 | 264,098 |
| Economic Status | | | | |
| Lowest | 39.6 | 14.3 | 46.1 | 93,524 |
| Lower Middle | 44.0 | 14.1 | 41.9 | 116,496 |
| Middle | 47.1 | 13.8 | 39.1 | 134,549 |
| Upper Middle | 52.3 | 12.9 | 34.7 | 147,605 |
| Highest | 63.1 | 10.2 | 26.7 | 145,956 |

**Table 11. 113 Proportion of Health Examination of Measuring Height
in the Population Aged ≥15 by Province, 2023 SKI**

| Province | Measuring Height (%) | | | Weighted N |
|--------------------|-----------------------|------------------|-------------|----------------|
| | Minimum once per year | More than 1 year | Never | |
| Aceh | 43.3 | 12.6 | 44.1 | 12,053 |
| North Sumatera | 29.5 | 16.6 | 53.9 | 33,884 |
| West Sumatera | 35.5 | 26.5 | 38.1 | 13,042 |
| Riau | 35.4 | 22.9 | 41.8 | 14,599 |
| Jambi | 33.2 | 26.3 | 40.5 | 8,242 |
| South Sumatera | 29.2 | 22.5 | 48.2 | 19,474 |
| Bengkulu | 37.2 | 17.4 | 45.4 | 4,687 |
| Lampung | 26.6 | 18.5 | 54.9 | 21,021 |
| Bangka Belitung | 31.0 | 20.3 | 48.7 | 3,451 |
| Riau Islands | 29.7 | 17.8 | 52.5 | 4,780 |
| DKI Jakarta | 40.3 | 16.8 | 42.9 | 24,981 |
| West Java | 27.7 | 19.4 | 53.0 | 114,619 |
| Central Java | 28.3 | 18.8 | 52.9 | 88,180 |
| DI Yogyakarta | 32.9 | 15.5 | 51.6 | 8,988 |
| East Java | 23.1 | 12.6 | 64.3 | 98,738 |
| Banten | 31.3 | 17.8 | 50.9 | 27,784 |
| Bali | 32.7 | 15.7 | 51.7 | 10,476 |
| West Nusa Tenggara | 23.0 | 12.6 | 64.4 | 12,186 |
| East Nusa Tenggara | 34.1 | 13.9 | 52.1 | 11,853 |
| West Kalimantan | 34.0 | 21.8 | 44.2 | 12,637 |
| Central Kalimantan | 40.6 | 19.2 | 40.2 | 6,286 |
| South Kalimantan | 39.4 | 25.7 | 34.9 | 9,352 |
| East Kalimantan | 43.4 | 17.9 | 38.7 | 8,929 |
| North Kalimantan | 41.2 | 23.7 | 35.1 | 1,654 |
| North Sulawesi | 41.2 | 15.7 | 43.0 | 6,239 |
| Central Sulawesi | 34.9 | 13.1 | 52.0 | 6,851 |
| South Sulawesi | 34.3 | 17.0 | 48.7 | 21,459 |
| Southeast Sulawesi | 34.1 | 13.5 | 52.3 | 5,977 |
| Gorontalo | 37.1 | 11.7 | 51.1 | 2,762 |
| West Sulawesi | 33.6 | 18.2 | 48.2 | 3,212 |
| Maluku | 27.6 | 8.0 | 64.4 | 4,299 |
| North Maluku | 38.5 | 8.1 | 53.4 | 2,938 |
| West Papua | 30.1 | 10.9 | 59.0 | 1,259 |
| Southwest Papua | 31.8 | 9.5 | 58.6 | 1,387 |
| Papua | 31.6 | 11.8 | 56.6 | 2,114 |
| South Papua | 37.4 | 9.6 | 53.1 | 987 |
| Central Papua | 38.7 | 10.5 | 50.9 | 3,304 |
| Highland Papua | 23.7 | 16.2 | 60.1 | 3,496 |
| INDONESIA | 30.2 | 17.4 | 52.4 | 638,178 |

**Table 11. 114 Proportion of Health Examination of Measuring Height
in the Population Aged ≥15 by Characteristic, 2023 SKI**

| Characteristic | Measuring height (%) | | | Weighted N |
|--|-----------------------|------------------|-------|------------|
| | Minimum once per year | More than 1 year | Never | |
| Age Range | | | | |
| 15-19 | 28.7 | 17.6 | 53.7 | 66,491 |
| 20-24 | 29.0 | 18.7 | 52.4 | 67,096 |
| 25-29 | 30.8 | 18.5 | 50.7 | 67,506 |
| 30-34 | 31.7 | 17.7 | 50.6 | 66,381 |
| 35-39 | 29.8 | 18.2 | 52.0 | 64,388 |
| 40-44 | 29.0 | 18.2 | 52.8 | 61,277 |
| 45-49 | 29.9 | 16.8 | 53.3 | 57,410 |
| 50-54 | 30.4 | 17.1 | 52.5 | 50,848 |
| 55-59 | 30.9 | 16.7 | 52.4 | 43,250 |
| 60-64 | 31.4 | 15.7 | 52.9 | 34,790 |
| 65 + | 31.0 | 14.7 | 54.2 | 58,740 |
| Sex | | | | |
| Male | 26.2 | 17.8 | 56.1 | 321,060 |
| Female | 34.2 | 17.0 | 48.8 | 317,118 |
| Education | | | | |
| Never attended school | 24.8 | 13.3 | 61.9 | 28,242 |
| Some primary school | 27.0 | 15.6 | 57.3 | 41,063 |
| Primary school graduate | 26.5 | 16.8 | 56.7 | 164,806 |
| Junior secondary school graduate | 29.0 | 17.5 | 53.6 | 136,092 |
| Senior secondary school graduate | 31.7 | 18.4 | 49.9 | 206,812 |
| D1/D2/D3/university graduate | 41.9 | 18.7 | 39.4 | 61,163 |
| Occupation | | | | |
| Unemployed | 32.1 | 17.0 | 50.9 | 190,053 |
| Student | 30.7 | 17.8 | 51.5 | 60,062 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 47.6 | 17.9 | 34.6 | 19,874 |
| Private employee | 34.1 | 18.6 | 47.3 | 72,773 |
| Self-employed | 27.0 | 17.8 | 55.2 | 97,402 |
| Farmer/farm worker | 25.1 | 16.0 | 58.9 | 102,975 |
| Fisher | 23.2 | 15.3 | 61.5 | 5,107 |
| Labor/driver/domestic help | 22.0 | 18.9 | 59.1 | 51,619 |
| Others | 36.5 | 17.3 | 46.2 | 38,313 |
| Residence | | | | |
| Urban | 30.9 | 17.9 | 51.2 | 374,080 |
| Rural | 29.1 | 16.7 | 54.2 | 264,098 |
| Economic Status | | | | |
| Lowest | 24.8 | 15.5 | 59.7 | 93,524 |
| Lower Middle | 26.4 | 16.8 | 56.7 | 116,496 |
| Middle | 27.8 | 17.3 | 54.9 | 134,549 |
| Upper Middle | 30.9 | 18.1 | 51.1 | 147,605 |
| Highest | 38.0 | 18.5 | 43.5 | 145,956 |

**Table 11. 115 Proportion of Health Examination of Measuring Waistline
in the Population Aged ≥15 by Province, 2023 SKI**

| Province | Measuring Waistline (%) | | | Weighted N |
|--------------------|-------------------------|------------------|-------------|----------------|
| | Minimum once per year | More than 1 year | Never | |
| Aceh | 23.8 | 8.2 | 68.0 | 12,053 |
| North Sumatera | 14.2 | 10.6 | 75.2 | 33,884 |
| West Sumatera | 14.4 | 14.2 | 71.4 | 13,042 |
| Riau | 17.7 | 13.4 | 68.9 | 14,599 |
| Jambi | 20.0 | 15.3 | 64.7 | 8,242 |
| South Sumatera | 13.1 | 12.3 | 74.7 | 19,474 |
| Bengkulu | 20.9 | 13.3 | 65.8 | 4,687 |
| Lampung | 15.5 | 12.4 | 72.1 | 21,021 |
| Bangka Belitung | 16.6 | 11.9 | 71.4 | 3,451 |
| Riau Islands | 11.9 | 7.1 | 81.0 | 4,780 |
| DKI Jakarta | 18.3 | 10.7 | 71.0 | 24,981 |
| West Java | 12.4 | 10.1 | 77.5 | 114,619 |
| Central Java | 15.2 | 10.5 | 74.3 | 88,180 |
| DI Yogyakarta | 17.8 | 9.6 | 72.6 | 8,988 |
| East Java | 12.4 | 7.2 | 80.4 | 98,738 |
| Banten | 14.0 | 10.6 | 75.4 | 27,784 |
| Bali | 16.9 | 7.1 | 76.0 | 10,476 |
| West Nusa Tenggara | 12.1 | 5.6 | 82.3 | 12,186 |
| East Nusa Tenggara | 23.1 | 10.2 | 66.7 | 11,853 |
| West Kalimantan | 17.3 | 11.7 | 71.0 | 12,637 |
| Central Kalimantan | 27.9 | 13.6 | 58.6 | 6,286 |
| South Kalimantan | 24.7 | 17.5 | 57.7 | 9,352 |
| East Kalimantan | 28.2 | 13.1 | 58.7 | 8,929 |
| North Kalimantan | 26.7 | 18.3 | 55.0 | 1,654 |
| North Sulawesi | 25.3 | 11.4 | 63.2 | 6,239 |
| Central Sulawesi | 23.6 | 10.0 | 66.4 | 6,851 |
| South Sulawesi | 21.3 | 11.8 | 66.9 | 21,459 |
| Southeast Sulawesi | 22.4 | 9.3 | 68.3 | 5,977 |
| Gorontalo | 24.5 | 6.9 | 68.6 | 2,762 |
| West Sulawesi | 21.4 | 13.6 | 65.0 | 3,212 |
| Maluku | 18.5 | 5.6 | 75.9 | 4,299 |
| North Maluku | 26.9 | 6.9 | 66.3 | 2,938 |
| West Papua | 21.4 | 8.1 | 70.5 | 1,259 |
| Southwest Papua | 21.4 | 7.4 | 71.2 | 1,387 |
| Papua | 21.0 | 9.0 | 69.9 | 2,114 |
| South Papua | 31.3 | 8.3 | 60.4 | 987 |
| Central Papua | 22.7 | 14.2 | 63.2 | 3,304 |
| Highland Papua | 16.4 | 9.9 | 73.7 | 3,496 |
| INDONESIA | 15.9 | 10.2 | 73.9 | 638,178 |

Table 11. 116 Proportion of Health Examination of Measuring Waistline in the Population Aged ≥15 by Characteristic, 2023 SKI

| Characteristic | Measuring Waistline (%) | | | Weighted N |
|--|-------------------------|------------------|-------|------------|
| | Minimum once per year | More than 1 year | Never | |
| Age Range | | | | |
| 15-19 | 10.2 | 7.6 | 82.1 | 66,491 |
| 20-24 | 13.4 | 9.9 | 76.7 | 67,096 |
| 25-29 | 16.0 | 11.1 | 72.9 | 67,506 |
| 30-34 | 16.7 | 11.2 | 72.1 | 66,381 |
| 35-39 | 16.5 | 11.2 | 72.3 | 64,388 |
| 40-44 | 16.0 | 11.1 | 73.0 | 61,277 |
| 45-49 | 16.5 | 10.5 | 73.0 | 57,410 |
| 50-54 | 17.2 | 10.5 | 72.3 | 50,848 |
| 55-59 | 18.0 | 10.1 | 71.8 | 43,250 |
| 60-64 | 18.6 | 9.8 | 71.5 | 34,790 |
| 65 + | 18.7 | 9.3 | 71.9 | 58,740 |
| Sex | | | | |
| Male | 12.5 | 9.2 | 78.3 | 321,060 |
| Female | 19.3 | 11.3 | 69.3 | 317,118 |
| Education | | | | |
| Never attended school | 15.0 | 8.3 | 76.8 | 28,242 |
| Some primary school | 15.7 | 9.4 | 74.9 | 41,063 |
| Primary school graduate | 14.5 | 9.7 | 75.8 | 164,806 |
| Junior secondary school graduate | 14.3 | 9.8 | 75.9 | 136,092 |
| Senior secondary school graduate | 16.0 | 10.7 | 73.3 | 206,812 |
| D1/D2/D3/university graduate | 23.8 | 12.4 | 63.8 | 61,163 |
| Occupation | | | | |
| Unemployed | 17.8 | 10.9 | 71.2 | 190,053 |
| Student | 11.4 | 8.2 | 80.4 | 60,062 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 29.6 | 12.6 | 57.9 | 19,874 |
| Private employee | 16.4 | 10.7 | 72.9 | 72,773 |
| Self-employed | 14.0 | 10.3 | 75.7 | 97,402 |
| Farmer/farm worker | 14.7 | 9.6 | 75.7 | 102,975 |
| Fisher | 12.8 | 7.9 | 79.3 | 5,107 |
| Labor/driver/domestic help | 10.0 | 8.7 | 81.3 | 51,619 |
| Others | 21.9 | 11.7 | 66.3 | 38,313 |
| Residence | | | | |
| Urban | 15.6 | 10.3 | 74.1 | 374,080 |
| Rural | 16.4 | 10.1 | 73.5 | 264,098 |
| Economic Status | | | | |
| Lowest | 14.3 | 9.1 | 76.6 | 93,524 |
| Lower Middle | 14.4 | 9.6 | 75.9 | 116,496 |
| Middle | 14.3 | 9.8 | 75.9 | 134,549 |
| Upper Middle | 15.6 | 10.5 | 73.9 | 147,605 |
| Highest | 19.9 | 11.5 | 68.6 | 145,956 |

Table 11. 117 Proportion of Health Examination of Checking Total Cholesterol Level in Population Aged ≥15 by Province, 2023 SKI

| Province | Measuring Total Cholesterol Level(%) | | | Weighted N |
|--------------------|--------------------------------------|------------------|-------------|----------------|
| | Minimum once per year | More than 1 year | Never | |
| Aceh | 36.0 | 8.0 | 56.1 | 12,053 |
| North Sumatera | 22.9 | 11.9 | 65.1 | 33,884 |
| West Sumatera | 16.2 | 11.4 | 72.4 | 13,042 |
| Riau | 26.0 | 13.6 | 60.4 | 14,599 |
| Jambi | 29.7 | 12.9 | 57.5 | 8,242 |
| South Sumatera | 18.6 | 12.0 | 69.4 | 19,474 |
| Bengkulu | 21.5 | 11.2 | 67.3 | 4,687 |
| Lampung | 19.6 | 11.7 | 68.7 | 21,021 |
| Bangka Belitung | 29.0 | 10.9 | 60.1 | 3,451 |
| Riau Islands | 24.3 | 8.3 | 67.4 | 4,780 |
| DKI Jakarta | 30.6 | 12.0 | 57.4 | 24,981 |
| West Java | 17.8 | 9.5 | 72.7 | 114,619 |
| Central Java | 20.1 | 10.2 | 69.7 | 88,180 |
| DI Yogyakarta | 27.0 | 9.6 | 63.3 | 8,988 |
| East Java | 20.7 | 7.9 | 71.3 | 98,738 |
| Banten | 20.2 | 10.0 | 69.8 | 27,784 |
| Bali | 20.1 | 13.0 | 66.9 | 10,476 |
| West Nusa Tenggara | 16.2 | 5.5 | 78.3 | 12,186 |
| East Nusa Tenggara | 18.9 | 8.9 | 72.2 | 11,853 |
| West Kalimantan | 29.7 | 13.1 | 57.2 | 12,637 |
| Central Kalimantan | 36.4 | 14.1 | 49.5 | 6,286 |
| South Kalimantan | 36.4 | 17.0 | 46.6 | 9,352 |
| East Kalimantan | 41.5 | 11.5 | 47.0 | 8,929 |
| North Kalimantan | 42.2 | 18.7 | 39.1 | 1,654 |
| North Sulawesi | 34.3 | 10.7 | 55.1 | 6,239 |
| Central Sulawesi | 29.0 | 9.3 | 61.7 | 6,851 |
| South Sulawesi | 28.0 | 10.8 | 61.2 | 21,459 |
| Southeast Sulawesi | 30.4 | 8.3 | 61.3 | 5,977 |
| Gorontalo | 33.8 | 8.5 | 57.7 | 2,762 |
| West Sulawesi | 26.2 | 10.6 | 63.2 | 3,212 |
| Maluku | 23.1 | 5.2 | 71.7 | 4,299 |
| North Maluku | 33.5 | 5.0 | 61.5 | 2,938 |
| West Papua | 28.1 | 8.6 | 63.2 | 1,259 |
| Southwest Papua | 25.4 | 6.9 | 67.7 | 1,387 |
| Papua | 32.2 | 8.0 | 59.8 | 2,114 |
| South Papua | 38.5 | 7.4 | 54.2 | 987 |
| Central Papua | 33.5 | 8.4 | 58.1 | 3,304 |
| Highland Papua | 18.2 | 5.7 | 76.1 | 3,496 |
| INDONESIA | 22.7 | 10.1 | 67.2 | 638,178 |

Table 11. 118 Proportion of Health Examination of Checking Total Cholesterol Level in Population Aged ≥15 by Characteristic, 2023 SKI

| Characteristic | Measuring Total Cholesterol Level (%) | | | Weighted N |
|--|---------------------------------------|------------------|-------|------------|
| | Minimum once per year | More than 1 year | Never | |
| Age Range | | | | |
| 15-19 | 6.6 | 4.7 | 88.6 | 66,491 |
| 20-24 | 11.9 | 7.6 | 80.5 | 67,096 |
| 25-29 | 17.7 | 9.8 | 72.5 | 67,506 |
| 30-34 | 21.0 | 10.9 | 68.1 | 66,381 |
| 35-39 | 22.4 | 11.2 | 66.4 | 64,388 |
| 40-44 | 24.0 | 11.7 | 64.3 | 61,277 |
| 45-49 | 27.0 | 11.5 | 61.5 | 57,410 |
| 50-54 | 30.2 | 11.8 | 58.1 | 50,848 |
| 55-59 | 33.2 | 11.9 | 54.9 | 43,250 |
| 60-64 | 35.0 | 11.3 | 53.8 | 34,790 |
| 65 + | 34.4 | 10.8 | 54.8 | 58,740 |
| Sex | | | | |
| Male | 19.4 | 9.6 | 71.0 | 321,060 |
| Female | 26.1 | 10.6 | 63.3 | 317,118 |
| Education | | | | |
| Never attended school | 20.8 | 8.7 | 70.5 | 28,242 |
| Some primary school | 22.9 | 10.2 | 66.9 | 41,063 |
| Primary school graduate | 21.1 | 10.2 | 68.7 | 164,806 |
| Junior secondary school graduate | 17.8 | 9.0 | 73.2 | 136,092 |
| Senior secondary school graduate | 22.7 | 10.3 | 67.0 | 206,812 |
| D1/D2/D3/university graduate | 38.7 | 12.5 | 48.7 | 61,163 |
| Occupation | | | | |
| Unemployed | 24.6 | 10.4 | 65.0 | 190,053 |
| Student | 8.6 | 5.5 | 86.0 | 60,062 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 48.8 | 12.5 | 38.7 | 19,874 |
| Private employee | 25.9 | 11.0 | 63.1 | 72,773 |
| Self-employed | 23.3 | 11.1 | 65.7 | 97,402 |
| Farmer/farm worker | 20.6 | 10.3 | 69.1 | 102,975 |
| Fisher | 19.1 | 9.1 | 71.8 | 5,107 |
| Labor/driver/domestic help | 15.0 | 9.4 | 75.6 | 51,619 |
| Others | 30.9 | 11.4 | 57.7 | 38,313 |
| Residence | | | | |
| Urban | 24.1 | 10.4 | 65.5 | 374,080 |
| Rural | 20.8 | 9.7 | 69.5 | 264,098 |
| Economic Status | | | | |
| Lowest | 16.6 | 8.6 | 74.9 | 93,524 |
| Lower Middle | 18.2 | 9.6 | 72.2 | 116,496 |
| Middle | 19.4 | 9.7 | 70.9 | 134,549 |
| Upper Middle | 22.6 | 10.7 | 66.6 | 147,605 |
| Highest | 33.4 | 11.3 | 55.3 | 145,956 |

Table 11. 119 Proportion of Measuring Blood Glucose in Population aged ≥15 Years by Province, 2023 SKI

| Province | Measuring Blood Glucose (%) | | | | | | Weighted N |
|--------------------|-----------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|----------------|
| | Minimum once per year | Minimum once per month | |
| Aceh | 6.7 | 9.5 | 11.7 | 6.9 | 8.1 | 57.1 | 12,053 |
| North Sumatera | 3.7 | 5.8 | 7.6 | 5.9 | 11.8 | 65.2 | 33,884 |
| West Sumatera | 3.5 | 4.0 | 4.7 | 4.5 | 11.5 | 71.7 | 13,042 |
| Riau | 4.0 | 6.2 | 9.0 | 7.0 | 13.4 | 60.5 | 14,599 |
| Jambi | 3.2 | 7.1 | 10.3 | 9.2 | 12.5 | 57.8 | 8,242 |
| South Sumatera | 3.3 | 4.1 | 5.7 | 5.7 | 11.9 | 69.3 | 19,474 |
| Bengkulu | 2.7 | 5.6 | 7.1 | 6.1 | 10.9 | 67.6 | 4,687 |
| Lampung | 3.4 | 5.0 | 6.7 | 5.1 | 11.4 | 68.4 | 21,021 |
| Bangka Belitung | 7.2 | 7.1 | 8.2 | 6.9 | 10.7 | 59.9 | 3,451 |
| Riau Islands | 5.2 | 5.3 | 7.0 | 7.2 | 8.8 | 66.6 | 4,780 |
| DKI Jakarta | 9.3 | 7.7 | 7.9 | 6.9 | 11.9 | 56.4 | 24,981 |
| West Java | 4.3 | 4.8 | 4.5 | 5.0 | 9.3 | 72.1 | 114,619 |
| Central Java | 5.6 | 5.6 | 5.9 | 5.1 | 10.4 | 67.3 | 88,180 |
| DI Yogyakarta | 7.6 | 7.7 | 7.4 | 6.2 | 9.7 | 61.3 | 8,988 |
| East Java | 6.0 | 5.6 | 5.8 | 4.4 | 7.9 | 70.2 | 98,738 |
| Banten | 3.9 | 4.9 | 5.5 | 6.5 | 9.7 | 69.4 | 27,784 |
| Bali | 4.7 | 4.2 | 7.3 | 5.3 | 13.5 | 65.0 | 10,476 |
| West Nusa Tenggara | 3.4 | 5.5 | 4.5 | 3.3 | 5.5 | 77.8 | 12,186 |
| East Nusa Tenggara | 3.5 | 5.3 | 5.0 | 4.9 | 8.6 | 72.6 | 11,853 |
| West Kalimantan | 5.1 | 6.8 | 9.7 | 8.8 | 12.8 | 56.8 | 12,637 |
| Central Kalimantan | 6.2 | 9.8 | 11.8 | 8.9 | 13.9 | 49.5 | 6,286 |
| South Kalimantan | 8.7 | 9.4 | 9.6 | 8.8 | 17.0 | 46.6 | 9,352 |
| East Kalimantan | 9.6 | 8.4 | 9.6 | 14.1 | 11.5 | 46.8 | 8,929 |
| North Kalimantan | 6.9 | 9.9 | 15.4 | 10.3 | 19.0 | 38.5 | 1,654 |
| North Sulawesi | 7.7 | 9.4 | 10.6 | 6.8 | 10.5 | 54.9 | 6,239 |
| Central Sulawesi | 7.5 | 7.9 | 7.9 | 5.8 | 9.0 | 62.0 | 6,851 |
| South Sulawesi | 5.8 | 7.3 | 8.0 | 7.2 | 10.8 | 60.9 | 21,459 |
| Southeast Sulawesi | 6.4 | 8.1 | 9.6 | 5.8 | 8.2 | 61.9 | 5,977 |
| Gorontalo | 8.3 | 8.9 | 9.9 | 6.8 | 8.4 | 57.7 | 2,762 |
| West Sulawesi | 4.6 | 8.6 | 7.6 | 5.8 | 10.2 | 63.2 | 3,212 |
| Maluku | 6.2 | 7.0 | 5.9 | 3.6 | 4.9 | 72.4 | 4,299 |
| North Maluku | 8.7 | 10.2 | 8.6 | 5.3 | 4.9 | 62.3 | 2,938 |
| West Papua | 6.2 | 7.5 | 8.6 | 5.2 | 8.8 | 63.7 | 1,259 |
| Southwest Papua | 5.2 | 7.6 | 5.6 | 6.5 | 6.9 | 68.3 | 1,387 |
| Papua | 7.4 | 8.4 | 9.4 | 7.1 | 7.5 | 60.2 | 2,114 |
| South Papua | 8.1 | 7.8 | 13.9 | 7.6 | 7.6 | 55.0 | 987 |
| Central Papua | 5.4 | 11.5 | 9.4 | 6.6 | 8.1 | 59.0 | 3,304 |
| Highland Papua | 3.2 | 7.5 | 4.9 | 2.4 | 5.2 | 76.9 | 3,496 |
| INDONESIA | 5.3 | 6.0 | 6.6 | 5.7 | 10.1 | 66.4 | 638,178 |

Table 11. 120 Proportion of Measuring Blood Glucose in Population aged ≥15 Years by Characteristic, 2023 SKI

| Characteristic | Measuring Blood Glucose (%) | | | | | | Weighted N |
|--|-----------------------------|---------------------------|---------------------------|-----------------------|------------------|-------|------------|
| | Minimum once per month | Minimum once per 3 months | Minimum once per 6 months | Minimum once per year | More than 1 year | Never | |
| Age Range | | | | | | | |
| 15-19 | 0.7 | 2.0 | 1.7 | 2.3 | 4.8 | 88.5 | 66,491 |
| 20-24 | 1.3 | 3.2 | 3.4 | 4.4 | 7.5 | 80.2 | 67,096 |
| 25-29 | 2.6 | 4.7 | 5.5 | 5.5 | 10.0 | 71.7 | 67,506 |
| 30-34 | 3.3 | 4.9 | 6.8 | 6.4 | 11.0 | 67.6 | 66,381 |
| 35-39 | 3.8 | 5.3 | 7.0 | 6.8 | 11.1 | 66.1 | 64,388 |
| 40-44 | 4.6 | 6.3 | 7.1 | 6.8 | 11.6 | 63.7 | 61,277 |
| 45-49 | 5.8 | 7.3 | 7.9 | 6.7 | 11.3 | 61.0 | 57,410 |
| 50-54 | 8.3 | 7.7 | 8.6 | 6.7 | 11.7 | 57.0 | 50,848 |
| 55-59 | 10.2 | 8.9 | 9.0 | 6.5 | 11.8 | 53.6 | 43,250 |
| 60-64 | 11.8 | 9.7 | 9.0 | 6.3 | 11.2 | 51.9 | 34,790 |
| 65 + | 11.9 | 9.7 | 9.2 | 5.4 | 10.6 | 53.2 | 58,740 |
| Sex | | | | | | | |
| Male | 3.8 | 4.8 | 5.7 | 5.6 | 9.5 | 70.6 | 321,060 |
| Female | 6.7 | 7.1 | 7.5 | 5.9 | 10.6 | 62.2 | 317,118 |
| Education | | | | | | | |
| Never attended school | 5.0 | 5.9 | 5.8 | 4.7 | 8.7 | 69.8 | 28,242 |
| Some primary school | 5.7 | 6.5 | 6.5 | 5.1 | 10.1 | 66.1 | 41,063 |
| Primary school graduate | 5.5 | 5.6 | 6.1 | 5.0 | 10.1 | 67.8 | 164,806 |
| Junior secondary school graduate | 3.6 | 5.0 | 5.2 | 4.6 | 8.9 | 72.7 | 136,092 |
| Senior secondary school graduate | 4.8 | 5.8 | 6.6 | 6.3 | 10.2 | 66.3 | 206,812 |
| D1/D2/D3/university graduate | 9.7 | 9.7 | 11.1 | 9.0 | 12.6 | 47.9 | 61,163 |
| Occupation | | | | | | | |
| Unemployed | 6.5 | 6.9 | 6.9 | 5.5 | 10.3 | 64.0 | 190,053 |
| Student | 1.0 | 2.5 | 2.4 | 3.0 | 5.3 | 85.8 | 60,062 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 12.9 | 12.2 | 15.0 | 9.4 | 12.6 | 37.9 | 19,874 |
| Private employee | 4.8 | 5.6 | 7.5 | 8.6 | 11.1 | 62.4 | 72,773 |
| Self-employed | 5.3 | 6.0 | 7.0 | 6.0 | 10.8 | 64.9 | 97,402 |
| Farmer/farm worker | 4.3 | 5.6 | 6.2 | 5.2 | 10.3 | 68.5 | 102,975 |
| Fisher | 3.2 | 4.4 | 6.3 | 5.5 | 9.0 | 71.7 | 5,107 |
| Labor/driver/domestic help | 3.1 | 3.9 | 4.4 | 4.2 | 9.5 | 74.9 | 51,619 |
| Others | 8.5 | 8.4 | 8.3 | 6.5 | 11.3 | 56.9 | 38,313 |
| Residence | | | | | | | |
| Urban | 6.1 | 6.2 | 6.7 | 6.0 | 10.3 | 64.6 | 374,080 |
| Rural | 4.1 | 5.6 | 6.3 | 5.2 | 9.6 | 69.0 | 264,098 |
| Economic Status | | | | | | | |
| Lowest | 3.3 | 4.8 | 4.8 | 4.3 | 8.4 | 74.4 | 93,524 |
| Lower Middle | 3.8 | 4.9 | 5.5 | 4.7 | 9.4 | 71.6 | 116,496 |
| Middle | 4.3 | 5.2 | 5.6 | 5.0 | 9.8 | 70.2 | 134,549 |
| Upper Middle | 5.3 | 5.9 | 6.7 | 5.7 | 10.7 | 65.8 | 147,605 |
| Highest | 8.6 | 8.4 | 9.2 | 8.1 | 11.2 | 54.4 | 145,956 |

Table 11. 121 Proportion of Health Examination of Measuring Blood Sugar in Non-Diabetic Population Aged ≥15 by Province, 2023 SKI

| Province | Measuring Blood Glucose (%) | | | Weighted N |
|--------------------|-----------------------------|------------------|-------------|----------------|
| | Minimum once per year | More than 1 year | Never | |
| Aceh | 33.7 | 8.2 | 58.1 | 11,769 |
| North Sumatera | 21.9 | 11.9 | 66.2 | 33,195 |
| West Sumatera | 15.7 | 11.6 | 72.7 | 12,813 |
| Riau | 25.0 | 13.5 | 61.5 | 14,280 |
| Jambi | 29.2 | 12.6 | 58.2 | 8,129 |
| South Sumatera | 17.8 | 12.0 | 70.2 | 19,135 |
| Bengkulu | 20.7 | 10.9 | 68.4 | 4,616 |
| Lampung | 19.2 | 11.5 | 69.3 | 20,665 |
| Bangka Belitung | 27.8 | 10.9 | 61.4 | 3,350 |
| Riau Islands | 23.2 | 8.9 | 67.9 | 4,672 |
| DKI Jakarta | 29.7 | 12.0 | 58.2 | 23,971 |
| West Java | 17.2 | 9.4 | 73.3 | 112,012 |
| Central Java | 20.9 | 10.6 | 68.6 | 86,040 |
| DI Yogyakarta | 27.0 | 9.9 | 63.1 | 8,657 |
| East Java | 20.3 | 8.0 | 71.7 | 95,936 |
| Banten | 19.3 | 9.8 | 70.9 | 27,054 |
| Bali | 20.2 | 13.7 | 66.1 | 10,245 |
| West Nusa Tenggara | 15.5 | 5.6 | 78.9 | 11,951 |
| East Nusa Tenggara | 18.2 | 8.6 | 73.2 | 11,721 |
| West Kalimantan | 29.5 | 12.9 | 57.6 | 12,413 |
| Central Kalimantan | 35.8 | 14.0 | 50.2 | 6,163 |
| South Kalimantan | 35.5 | 17.1 | 47.4 | 9,167 |
| East Kalimantan | 40.4 | 11.6 | 48.0 | 8,642 |
| North Kalimantan | 41.6 | 19.2 | 39.1 | 1,620 |
| North Sulawesi | 33.2 | 10.7 | 56.2 | 6,065 |
| Central Sulawesi | 27.9 | 9.0 | 63.0 | 6,690 |
| South Sulawesi | 27.2 | 10.9 | 61.9 | 21,002 |
| Southeast Sulawesi | 29.0 | 8.3 | 62.7 | 5,874 |
| Gorontalo | 32.7 | 8.5 | 58.8 | 2,695 |
| West Sulawesi | 25.7 | 10.3 | 64.0 | 3,163 |
| Maluku | 22.3 | 4.9 | 72.8 | 4,257 |
| North Maluku | 32.3 | 5.0 | 62.8 | 2,900 |
| West Papua | 26.9 | 8.9 | 64.2 | 1,239 |
| Southwest Papua | 24.2 | 7.0 | 68.9 | 1,367 |
| Papua | 31.5 | 7.5 | 60.9 | 2,073 |
| South Papua | 36.7 | 7.5 | 55.8 | 968 |
| Central Papua | 32.5 | 8.1 | 59.4 | 3,270 |
| Highland Papua | 17.8 | 5.2 | 77.0 | 3,484 |
| INDONESIA | 22.2 | 10.1 | 67.6 | 623,262 |

Blood sugar examination is done at least once a year for population who do not suffer from diabetes.
Based on interviews, population who do not suffer from diabetes were diagnosed by a doctor.

Table 11. 122 Proportion of Health Examination of Measuring Blood Sugar in Non-Diabetic Population Aged ≥15 by Characteristic, 2023 SKI

| Characteristic | Measuring Blood Glucose (%) | | | Weighted N |
|--|-----------------------------|------------------|-------|------------|
| | Minimum once per year | More than 1 year | Never | |
| Age Range | | | | |
| 15-19 | 6.7 | 4.8 | 88.5 | 66,405 |
| 20-24 | 12.2 | 7.5 | 80.3 | 66,967 |
| 25-29 | 18.2 | 10.0 | 71.8 | 67,317 |
| 30-34 | 21.2 | 11.0 | 67.8 | 66,116 |
| 35-39 | 22.5 | 11.1 | 66.4 | 63,885 |
| 40-44 | 23.9 | 11.7 | 64.4 | 60,354 |
| 45-49 | 26.3 | 11.5 | 62.3 | 55,761 |
| 50-54 | 29.0 | 12.0 | 59.0 | 48,552 |
| 55-59 | 31.6 | 12.2 | 56.1 | 40,565 |
| 60-64 | 33.4 | 11.7 | 54.9 | 32,275 |
| 65 + | 33.3 | 10.9 | 55.8 | 55,066 |
| Sex | | | | |
| Male | 18.8 | 9.6 | 71.6 | 314,985 |
| Female | 25.7 | 10.7 | 63.6 | 308,277 |
| Education | | | | |
| Never attended school | 20.1 | 8.7 | 71.2 | 27,493 |
| Some primary school | 22.3 | 10.2 | 67.5 | 39,854 |
| Primary school graduate | 20.5 | 10.2 | 69.3 | 160,112 |
| Junior secondary school graduate | 17.4 | 9.0 | 73.7 | 133,676 |
| Senior secondary school graduate | 22.4 | 10.3 | 67.3 | 202,820 |
| D1/D2/D3/university graduate | 38.1 | 12.8 | 49.1 | 59,307 |
| Occupation | | | | |
| Unemployed | 23.9 | 10.5 | 65.6 | 183,859 |
| Student | 8.7 | 5.3 | 85.9 | 59,896 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 47.9 | 13.0 | 39.2 | 19,041 |
| Private employee | 25.8 | 11.1 | 63.1 | 71,638 |
| Self-employed | 22.9 | 10.9 | 66.2 | 94,852 |
| Farmer/farm worker | 20.3 | 10.4 | 69.3 | 101,121 |
| Fisher | 18.7 | 9.0 | 72.3 | 5,046 |
| Labor/driver/domestic help | 14.7 | 9.5 | 75.8 | 50,769 |
| Others | 30.0 | 11.5 | 58.4 | 37,041 |
| Residence | | | | |
| Urban | 23.5 | 10.5 | 66.1 | 363,494 |
| Rural | 20.5 | 9.7 | 69.8 | 259,768 |
| Economic Status | | | | |
| Lowest | 16.5 | 8.5 | 75.0 | 92,293 |
| Lower Middle | 18.0 | 9.5 | 72.5 | 114,396 |
| Middle | 19.0 | 9.8 | 71.2 | 131,879 |
| Upper Middle | 22.0 | 10.8 | 67.1 | 143,628 |
| Highest | 32.6 | 11.4 | 56.0 | 141,018 |

Blood sugar examination is done at least once a year for population who do not suffer from diabetes.
Based on interviews, population who do not suffer from diabetes were diagnosed by a doctor r.

Table 11. 123 Proportion of Cervical Cancer Screening Health Examination (Pap smear/IVA Test) in Women* ≥15 by Province, 2023 SKI

| Province | Cervical Cancer Screening(Pap smear/IVA Test) (%) | | | Weighted N |
|--------------------|---|------------------|-------------|----------------|
| | Minimum once per year | More than 1 year | Never | |
| Aceh | 4.6 | 1.4 | 94.0 | 5,373 |
| North Sumatera | 3.9 | 3.6 | 92.6 | 15,212 |
| West Sumatera | 3.4 | 4.8 | 91.8 | 5,807 |
| Riau | 3.6 | 3.0 | 93.4 | 6,431 |
| Jambi | 4.0 | 7.8 | 88.2 | 3,767 |
| South Sumatera | 3.4 | 3.5 | 93.1 | 8,851 |
| Bengkulu | 4.4 | 3.4 | 92.2 | 2,135 |
| Lampung | 4.1 | 5.1 | 90.8 | 9,839 |
| Bangka Belitung | 4.6 | 6.5 | 88.9 | 1,519 |
| Riau Islands | 3.0 | 4.9 | 92.1 | 2,117 |
| DKI Jakarta | 6.3 | 10.2 | 83.5 | 10,873 |
| West Java | 3.2 | 3.5 | 93.3 | 53,830 |
| Central Java | 2.8 | 3.9 | 93.3 | 42,499 |
| DI Yogyakarta | 3.5 | 11.4 | 85.1 | 4,281 |
| East Java | 2.9 | 3.4 | 93.7 | 48,279 |
| Banten | 3.2 | 3.7 | 93.2 | 12,573 |
| Bali | 4.6 | 14.8 | 80.7 | 4,924 |
| West Nusa Tenggara | 3.6 | 1.6 | 94.7 | 5,877 |
| East Nusa Tenggara | 5.4 | 3.1 | 91.5 | 5,202 |
| West Kalimantan | 2.9 | 3.4 | 93.7 | 5,703 |
| Central Kalimantan | 4.1 | 4.6 | 91.2 | 2,872 |
| South Kalimantan | 3.7 | 5.2 | 91.0 | 4,305 |
| East Kalimantan | 4.9 | 5.7 | 89.4 | 3,899 |
| North Kalimantan | 5.1 | 9.4 | 85.5 | 707 |
| North Sulawesi | 5.1 | 2.3 | 92.6 | 2,893 |
| Central Sulawesi | 5.8 | 3.1 | 91.1 | 3,094 |
| South Sulawesi | 4.0 | 2.7 | 93.4 | 9,705 |
| Southeast Sulawesi | 4.4 | 1.7 | 93.9 | 2,654 |
| Gorontalo | 4.0 | 1.6 | 94.3 | 1,262 |
| West Sulawesi | 4.1 | 1.6 | 94.3 | 1,443 |
| Maluku | 6.2 | 2.7 | 91.1 | 1,850 |
| North Maluku | 7.5 | 1.5 | 91.0 | 1,289 |
| West Papua | 5.8 | 3.0 | 91.2 | 545 |
| Southwest Papua | 6.3 | 2.6 | 91.2 | 610 |
| Papua | 6.1 | 1.8 | 92.1 | 913 |
| South Papua | 4.3 | 2.8 | 93.0 | 460 |
| Central Papua | 10.5 | 1.2 | 88.3 | 1,589 |
| Highland Papua | 5.9 | 0.9 | 93.2 | 1,661 |
| INDONESIA | 3.7 | 4.1 | 92.2 | 296,842 |

*Female yang sudah pernah menikah.

Table 11. 124 Proportion of Cervical Cancer Screening Health Examination (Pap smear/IVA Test) in Women* ≥15 by Characteristic, 2023 SKI

| Characteristic | Cervical Cancer Screening (Pap smear/IVA Test) (%) | | | Weighted N |
|--|--|------------------|-------|------------|
| | Minimum once per year | More than 1 year | Never | |
| Age Range | | | | |
| 15-19 | 4.3 | 1.0 | 94.7 | 1,523 |
| 20-24 | 2.9 | 2.2 | 94.9 | 14,179 |
| 25-29 | 3.7 | 3.4 | 92.9 | 31,799 |
| 30-34 | 4.2 | 4.9 | 90.9 | 36,083 |
| 35-39 | 4.2 | 5.1 | 90.8 | 36,185 |
| 40-44 | 4.1 | 5.2 | 90.8 | 34,735 |
| 45-49 | 4.2 | 4.9 | 90.9 | 32,765 |
| 50-54 | 3.6 | 4.6 | 91.9 | 29,053 |
| 55-59 | 3.2 | 3.8 | 93.0 | 24,881 |
| 60-64 | 3.0 | 3.4 | 93.6 | 20,143 |
| 65 + | 2.8 | 2.2 | 95.0 | 35,496 |
| Education | | | | |
| Never attended school | 2.7 | 1.2 | 96.0 | 16,908 |
| Some primary school | 3.0 | 2.0 | 95.0 | 23,793 |
| Primary school graduate | 2.7 | 2.0 | 95.3 | 91,447 |
| Junior secondary school graduate | 3.5 | 3.6 | 92.9 | 55,802 |
| Senior secondary school graduate | 4.3 | 5.8 | 89.9 | 79,795 |
| D1/D2/D3/university graduate | 6.4 | 10.4 | 83.2 | 29,096 |
| Occupation | | | | |
| Unemployed | 3.4 | 3.7 | 92.9 | 164,516 |
| Student | 4.1 | 4.5 | 91.5 | 1,712 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 8.1 | 11.1 | 80.8 | 8,585 |
| Private employee | 5.1 | 8.1 | 86.9 | 18,167 |
| Self-employed | 3.6 | 4.9 | 91.5 | 30,468 |
| Farmer/farm worker | 2.6 | 1.9 | 95.5 | 38,229 |
| Fisher | 4.3 | 4.5 | 91.1 | 267 |
| Labor/driver/domestic help | 2.9 | 3.4 | 93.7 | 9,954 |
| Others | 4.7 | 4.3 | 91.0 | 24,944 |
| Residence | | | | |
| Urban | 3.9 | 5.1 | 91.0 | 171,199 |
| Rural | 3.3 | 2.8 | 93.9 | 125,643 |
| Economic Status | | | | |
| Lowest | 3.0 | 1.7 | 95.3 | 45,945 |
| Lower Middle | 2.8 | 2.2 | 95.0 | 55,112 |
| Middle | 3.0 | 3.0 | 94.0 | 62,472 |
| Upper Middle | 3.5 | 3.9 | 92.6 | 67,944 |
| Highest | 5.7 | 8.6 | 85.7 | 65,345 |

*Married woman

Table 11. 125 Proportion of Breast Examination Health Examination (SADARI/SADANIS) in Women Aged ≥15 by Province, 2023 SKI

| Province | Breast Examination (SADARI/SADANIS) (%) | | | | | | Weighted N |
|--------------------|---|---------------------------|---------------------------|-----------------------|------------------|-------------|----------------|
| | Minimum once per month | Minimum once per 3 months | Minimum once per 6 months | Minimum once per year | More than 1 year | Never | |
| Aceh | 1.3 | 2.4 | 0.9 | 0.5 | 1.0 | 93.9 | 6,616 |
| North Sumatera | 1.2 | 1.9 | 0.9 | 0.8 | 2.1 | 93.0 | 18,590 |
| West Sumatera | 1.6 | 2.2 | 0.8 | 0.5 | 3.7 | 91.2 | 7,115 |
| Riau | 1.5 | 2.3 | 1.1 | 0.6 | 3.0 | 91.5 | 7,807 |
| Jambi | 2.8 | 1.7 | 0.8 | 1.0 | 5.2 | 88.5 | 4,432 |
| South Sumatera | 0.9 | 1.4 | 0.4 | 0.8 | 2.3 | 94.2 | 10,466 |
| Bengkulu | 1.3 | 2.1 | 1.0 | 0.8 | 2.5 | 92.4 | 2,507 |
| Lampung | 1.6 | 1.7 | 0.6 | 1.1 | 3.7 | 91.2 | 11,244 |
| Bangka Belitung | 1.3 | 1.8 | 0.6 | 1.1 | 3.8 | 91.5 | 1,833 |
| Riau Islands | 2.6 | 1.5 | 0.5 | 0.5 | 3.0 | 91.8 | 2,575 |
| DKI Jakarta | 8.4 | 2.5 | 2.1 | 1.2 | 3.9 | 81.9 | 13,636 |
| West Java | 5.3 | 2.2 | 0.6 | 0.6 | 2.1 | 89.1 | 62,026 |
| Central Java | 5.0 | 2.0 | 0.9 | 0.7 | 2.4 | 89.0 | 48,218 |
| DI Yogyakarta | 17.7 | 2.7 | 1.8 | 1.3 | 3.2 | 73.4 | 4,995 |
| East Java | 2.6 | 1.7 | 0.7 | 0.6 | 1.9 | 92.5 | 54,480 |
| Banten | 4.0 | 2.0 | 1.2 | 1.1 | 2.1 | 89.6 | 14,954 |
| Bali | 5.5 | 1.6 | 1.2 | 1.4 | 8.8 | 81.6 | 5,740 |
| West Nusa Tenggara | 1.4 | 2.7 | 0.5 | 0.4 | 1.4 | 93.5 | 6,693 |
| East Nusa Tenggara | 1.4 | 2.6 | 0.7 | 0.9 | 2.0 | 92.4 | 6,530 |
| West Kalimantan | 1.1 | 1.5 | 0.5 | 0.7 | 2.2 | 94.0 | 6,716 |
| Central Kalimantan | 0.9 | 1.8 | 0.7 | 1.1 | 3.8 | 91.7 | 3,307 |
| South Kalimantan | 1.1 | 1.5 | 0.5 | 0.7 | 3.8 | 92.5 | 5,074 |
| East Kalimantan | 4.9 | 2.0 | 0.9 | 1.2 | 3.3 | 87.7 | 4,683 |
| North Kalimantan | 1.4 | 1.9 | 1.7 | 1.3 | 7.0 | 86.8 | 850 |
| North Sulawesi | 1.2 | 2.6 | 0.7 | 0.9 | 1.5 | 93.0 | 3,339 |
| Central Sulawesi | 2.7 | 3.5 | 0.6 | 0.7 | 2.3 | 90.3 | 3,643 |
| South Sulawesi | 1.9 | 2.2 | 0.6 | 0.7 | 2.2 | 92.5 | 11,915 |
| Southeast Sulawesi | 1.1 | 2.9 | 0.5 | 0.4 | 1.5 | 93.7 | 3,228 |
| Gorontalo | 0.6 | 2.3 | 0.3 | 0.5 | 1.2 | 95.1 | 1,502 |
| West Sulawesi | 0.7 | 2.9 | 0.3 | 0.4 | 1.2 | 94.4 | 1,733 |
| Maluku | 0.6 | 3.2 | 0.5 | 1.0 | 2.0 | 92.5 | 2,331 |
| North Maluku | 1.6 | 3.7 | 1.5 | 1.0 | 1.5 | 90.7 | 1,556 |
| West Papua | 0.7 | 1.9 | 0.9 | 1.1 | 2.5 | 92.9 | 645 |
| Southwest Papua | 0.8 | 3.2 | 0.4 | 1.0 | 1.0 | 93.6 | 720 |
| Papua | 0.7 | 2.4 | 0.6 | 0.8 | 1.5 | 93.9 | 1,085 |
| South Papua | 1.2 | 1.9 | 1.1 | 0.5 | 2.8 | 92.4 | 510 |
| Central Papua | 1.8 | 5.8 | 2.2 | 1.6 | 1.2 | 87.5 | 1,699 |
| Highland Papua | 0.3 | 3.0 | 1.7 | 0.8 | 1.0 | 93.1 | 1,767 |
| INDONESIA | 3.5 | 2.1 | 0.8 | 0.8 | 2.5 | 90.3 | 346,760 |

Table 11. 126 Proportion of Breast Examination Health Examination (SADARI/SADANIS) in Women Aged ≥15 by Province, 2023 SKI

| Characteristic | Breast Examination (SADARI/SADANIS) (%) | | | | | | Weighted N |
|--|---|---------------------------|---------------------------|-----------------------|------------------|-------|------------|
| | Minimum once per month | Minimum once per 3 months | Minimum once per 6 months | Minimum once per year | More than 1 year | Never | |
| Age Range | | | | | | | |
| 15-19 | 1.8 | 1.4 | 0.4 | 0.4 | 1.0 | 95.0 | 35,252 |
| 20-24 | 3.5 | 2.0 | 1.0 | 0.7 | 1.9 | 90.9 | 35,647 |
| 25-29 | 4.8 | 2.4 | 1.2 | 0.9 | 2.7 | 88.0 | 36,061 |
| 30-34 | 5.0 | 2.3 | 1.2 | 1.1 | 3.5 | 87.0 | 35,597 |
| 35-39 | 4.8 | 2.3 | 1.1 | 1.2 | 3.3 | 87.3 | 34,816 |
| 40-44 | 4.6 | 2.2 | 1.1 | 0.9 | 3.2 | 88.0 | 33,257 |
| 45-49 | 4.2 | 2.3 | 0.9 | 1.0 | 2.8 | 88.9 | 31,318 |
| 50-54 | 3.3 | 2.0 | 0.8 | 0.6 | 2.8 | 90.5 | 27,849 |
| 55-59 | 2.7 | 2.1 | 0.5 | 0.6 | 2.3 | 91.8 | 23,818 |
| 60-64 | 2.1 | 2.0 | 0.4 | 0.4 | 2.3 | 92.8 | 19,249 |
| 65 + | 1.0 | 1.9 | 0.3 | 0.3 | 1.7 | 94.9 | 33,895 |
| Education | | | | | | | |
| Never attended school | 0.7 | 1.7 | 0.4 | 0.4 | 1.2 | 95.6 | 17,896 |
| Some primary school | 1.1 | 2.0 | 0.5 | 0.4 | 1.6 | 94.5 | 24,742 |
| Primary school graduate | 1.5 | 1.7 | 0.4 | 0.4 | 1.7 | 94.3 | 94,833 |
| Junior secondary school graduate | 2.9 | 1.9 | 0.6 | 0.7 | 2.1 | 91.8 | 73,772 |
| Senior secondary school graduate | 5.0 | 2.3 | 1.1 | 0.9 | 3.1 | 87.7 | 101,540 |
| D1/D2/D3/university graduate | 9.5 | 3.1 | 2.1 | 2.0 | 5.4 | 77.9 | 33,977 |
| Occupation | | | | | | | |
| Unemployed | 3.3 | 2.1 | 0.8 | 0.7 | 2.4 | 90.7 | 173,975 |
| Student | 2.6 | 1.5 | 0.6 | 0.5 | 1.3 | 93.6 | 31,971 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 8.9 | 3.6 | 1.9 | 2.3 | 7.0 | 76.4 | 8,697 |
| Private employee | 7.7 | 2.5 | 1.6 | 1.5 | 3.7 | 83.0 | 25,432 |
| Self-employed | 4.3 | 2.0 | 1.1 | 0.9 | 2.9 | 88.8 | 32,111 |
| Farmer/farm worker | 1.1 | 1.5 | 0.4 | 0.4 | 1.6 | 95.1 | 36,898 |
| Fisher | 0.5 | 2.8 | 0.2 | 0.2 | 3.2 | 93.1 | 303 |
| Labor/driver/domestic help | 3.5 | 2.0 | 0.4 | 0.7 | 2.1 | 91.2 | 11,028 |
| Others | 2.8 | 2.5 | 0.9 | 0.9 | 2.8 | 90.1 | 26,345 |
| Residence | | | | | | | |
| Urban | 4.8 | 2.2 | 1.0 | 0.9 | 2.8 | 88.3 | 203,793 |
| Rural | 1.7 | 1.9 | 0.6 | 0.6 | 2.1 | 93.2 | 142,967 |
| Economic Status | | | | | | | |
| Lowest | 1.2 | 1.8 | 0.4 | 0.5 | 1.3 | 94.8 | 51,119 |
| Lower Middle | 1.7 | 1.8 | 0.5 | 0.4 | 1.7 | 93.8 | 62,924 |
| Middle | 2.3 | 1.9 | 0.5 | 0.5 | 2.0 | 92.7 | 72,494 |
| Upper Middle | 3.7 | 2.1 | 0.8 | 0.7 | 2.5 | 90.2 | 80,328 |
| Highest | 7.3 | 2.7 | 1.5 | 1.5 | 4.3 | 82.7 | 79,869 |

Table 11. 127 Proportion of Health Examination Place in Population Aged ≥15 by Province, 2023 SKI

| Province | Health Examination Place (%) | | | | | | | | Weighted N |
|--------------------|------------------------------|----------------------|-------------|---------------------|--------------------------------|-------------------|------------|------------|----------------|
| | Hospital | Public Health Center | Clinic | Physician Clinician | Pre and Post Natal Health Care | Health Laboratory | House | Others | |
| Aceh | 5.1 | 50.3 | 7.4 | 16.3 | 14.7 | 2.2 | 2.2 | 1.9 | 9,576 |
| North Sumatera | 5.9 | 39.3 | 20.5 | 19.5 | 5.4 | 1.9 | 3.7 | 3.7 | 23,067 |
| West Sumatera | 7.3 | 48.2 | 9.4 | 19.6 | 7.0 | 1.7 | 3.4 | 3.5 | 10,394 |
| Riau | 8.9 | 35.4 | 20.7 | 21.0 | 5.9 | 1.8 | 2.9 | 3.3 | 10,955 |
| Jambi | 4.1 | 52.8 | 4.9 | 25.6 | 6.6 | 1.6 | 2.8 | 1.7 | 6,801 |
| South Sumatera | 6.3 | 39.7 | 10.2 | 28.2 | 7.2 | 2.0 | 3.5 | 2.9 | 14,107 |
| Bengkulu | 4.3 | 45.4 | 8.2 | 25.1 | 8.9 | 1.3 | 4.0 | 2.7 | 3,568 |
| Lampung | 4.5 | 36.2 | 7.3 | 35.4 | 7.4 | 2.2 | 4.1 | 3.0 | 14,865 |
| Bangka Belitung | 8.1 | 36.2 | 8.4 | 25.5 | 7.5 | 1.4 | 6.8 | 5.9 | 2,565 |
| Riau Islands | 9.1 | 28.3 | 29.7 | 9.2 | 8.3 | 2.6 | 7.9 | 4.8 | 3,259 |
| DKI Jakarta | 14.1 | 36.4 | 16.1 | 2.9 | 7.3 | 1.9 | 14.3 | 7.1 | 19,012 |
| West Java | 7.2 | 30.0 | 18.4 | 19.2 | 8.0 | 1.7 | 8.5 | 7.0 | 83,299 |
| Central Java | 5.8 | 28.0 | 9.0 | 21.9 | 16.9 | 1.6 | 6.4 | 10.5 | 64,273 |
| DI Yogyakarta | 9.7 | 22.7 | 9.7 | 7.5 | 17.3 | 1.6 | 16.2 | 15.2 | 7,077 |
| East Java | 5.8 | 24.9 | 7.1 | 31.6 | 12.8 | 1.7 | 8.1 | 8.1 | 62,943 |
| Banten | 8.2 | 29.9 | 26.8 | 14.6 | 4.6 | 1.9 | 8.7 | 5.3 | 20,412 |
| Bali | 9.0 | 43.3 | 9.6 | 23.1 | 4.4 | 1.4 | 4.8 | 4.4 | 7,922 |
| West Nusa Tenggara | 4.1 | 38.1 | 3.3 | 15.7 | 23.3 | 2.5 | 5.6 | 7.3 | 8,378 |
| East Nusa Tenggara | 6.4 | 48.7 | 4.6 | 4.1 | 24.1 | 2.7 | 4.3 | 5.1 | 7,304 |
| West Kalimantan | 4.4 | 46.2 | 7.5 | 22.3 | 10.5 | 1.5 | 3.2 | 4.4 | 9,780 |
| Central Kalimantan | 4.6 | 49.8 | 9.1 | 12.6 | 16.2 | 1.9 | 2.9 | 2.8 | 4,935 |
| South Kalimantan | 4.9 | 40.2 | 9.2 | 16.1 | 18.9 | 1.5 | 4.0 | 5.3 | 7,448 |
| East Kalimantan | 9.6 | 36.0 | 21.7 | 5.6 | 12.0 | 1.7 | 6.9 | 6.6 | 7,039 |
| North Kalimantan | 8.9 | 44.4 | 7.5 | 13.6 | 13.9 | 1.3 | 4.7 | 5.7 | 1,359 |
| North Sulawesi | 8.0 | 54.6 | 4.7 | 11.4 | 8.5 | 2.0 | 7.2 | 3.6 | 4,773 |
| Central Sulawesi | 4.6 | 47.7 | 3.9 | 7.8 | 22.8 | 2.3 | 6.1 | 4.8 | 4,318 |
| South Sulawesi | 6.0 | 49.9 | 7.3 | 7.6 | 13.3 | 2.0 | 8.1 | 5.9 | 15,275 |
| Southeast Sulawesi | 5.5 | 51.6 | 4.2 | 4.9 | 19.0 | 2.0 | 7.8 | 5.0 | 3,946 |
| Gorontalo | 3.1 | 50.0 | 4.6 | 16.5 | 16.2 | 2.2 | 4.0 | 3.4 | 1,776 |
| West Sulawesi | 2.9 | 55.8 | 4.6 | 4.0 | 16.4 | 1.9 | 6.4 | 8.0 | 2,324 |
| Maluku | 6.5 | 48.5 | 3.0 | 6.7 | 20.8 | 2.6 | 8.5 | 3.5 | 2,211 |
| North Maluku | 4.0 | 48.1 | 3.0 | 3.8 | 25.2 | 2.2 | 8.9 | 4.7 | 1,849 |
| West Papua | 7.7 | 67.1 | 4.4 | 3.2 | 8.7 | 2.2 | 4.6 | 2.0 | 711 |
| Southwest Papua | 6.4 | 63.3 | 8.2 | 3.9 | 6.7 | 2.5 | 5.8 | 3.2 | 774 |
| Papua | 15.5 | 54.5 | 5.9 | 5.9 | 7.5 | 2.9 | 4.5 | 3.3 | 1,278 |
| South Papua | 10.1 | 47.3 | 11.6 | 3.5 | 15.3 | 3.2 | 4.8 | 4.2 | 589 |
| Central Papua | 10.8 | 71.1 | 6.9 | 1.7 | 1.6 | 2.0 | 4.2 | 1.9 | 1,887 |
| Highland Papua | 4.9 | 77.4 | 1.1 | 0.8 | 7.3 | 3.4 | 3.4 | 1.7 | 1,996 |
| INDONESIA | 6.7 | 35.4 | 12.1 | 19.4 | 11.2 | 1.8 | 6.8 | 6.4 | 454,043 |

Table 11. 128 Proportion of Health Examination Place in Population Aged ≥15 by Characteristic, 2023 SKI

| Characteristic | Health Examination Place (%) | | | | | | | | Weighted N | |
|--|------------------------------|----------------------|--------|-----------|--------------------|-------------------|-------|--------|---------------|--|
| | Physician | | | Clinician | Pre and Post Natal | Health Laboratory | House | Others | | |
| | Hospital | Public Health Center | Clinic | | | | | | | |
| Age Range | | | | | | | | | | |
| 15-19 | 3.6 | 36.3 | 10.3 | 14.1 | 4.5 | 1.6 | 9.2 | 20.3 | 38,712 | |
| 20-24 | 5.1 | 37.6 | 12.9 | 18.4 | 7.3 | 1.9 | 9.4 | 7.5 | 43,534 | |
| 25-29 | 6.0 | 34.7 | 13.5 | 21.4 | 9.2 | 2.0 | 7.3 | 5.9 | 47,621 | |
| 30-34 | 6.5 | 34.5 | 14.0 | 20.8 | 9.7 | 1.8 | 7.1 | 5.5 | 48,200 | |
| 35-39 | 6.1 | 35.2 | 13.5 | 21.4 | 10.0 | 2.1 | 6.1 | 5.6 | 46,655 | |
| 40-44 | 6.0 | 36.3 | 13.5 | 20.6 | 9.8 | 2.0 | 6.1 | 5.7 | 44,512 | |
| 45-49 | 6.6 | 36.5 | 13.2 | 20.1 | 10.4 | 1.7 | 6.2 | 5.3 | 42,068 | |
| 50-54 | 7.2 | 36.5 | 11.8 | 19.0 | 12.6 | 1.8 | 6.3 | 4.9 | 37,946 | |
| 55-59 | 8.6 | 35.6 | 10.7 | 18.8 | 14.6 | 1.5 | 6.2 | 4.1 | 32,976 | |
| 60-64 | 9.4 | 33.8 | 9.9 | 19.0 | 17.7 | 1.7 | 5.5 | 3.1 | 26,876 | |
| 65 + | 10.2 | 32.1 | 8.5 | 18.9 | 20.9 | 1.6 | 5.3 | 2.5 | 44,943 | |
| Sex | | | | | | | | | | |
| Male | 7.3 | 39.0 | 14.0 | 18.2 | 6.3 | 0.5 | 6.9 | 7.8 | 205,392 | |
| Female | 6.2 | 32.4 | 10.6 | 20.5 | 15.4 | 2.9 | 6.8 | 5.3 | 248,651 | |
| Education | | | | | | | | | | |
| Never attended school | 5.3 | 37.8 | 6.1 | 23.2 | 18.9 | 2.2 | 3.3 | 3.3 | 18,318 | |
| Some primary school | 4.9 | 38.8 | 7.8 | 23.3 | 16.3 | 1.8 | 3.2 | 3.8 | 28,512 | |
| Primary school graduate | 4.5 | 37.0 | 8.0 | 24.7 | 15.8 | 1.7 | 3.6 | 4.7 | 113,704 | |
| Junior secondary school graduate | 4.8 | 36.7 | 11.0 | 20.5 | 10.6 | 1.7 | 5.8 | 8.8 | 92,841 | |
| Senior secondary school graduate | 7.5 | 35.1 | 16.2 | 15.8 | 8.2 | 1.7 | 8.6 | 7.0 | 149,043 | |
| D1/D2/D3/university graduate | 14.5 | 27.5 | 16.1 | 13.0 | 5.8 | 2.4 | 14.0 | 6.8 | 51,624 | |
| Occupation | | | | | | | | | | |
| Unemployed | 6.8 | 34.2 | 10.6 | 20.8 | 15.1 | 2.6 | 6.1 | 3.8 | 143,862 | |
| Student | 4.5 | 35.2 | 11.6 | 12.9 | 3.9 | 1.7 | 11.0 | 19.2 | 36,638 | |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 15.3 | 30.2 | 16.8 | 13.3 | 4.7 | 2.2 | 9.9 | 7.7 | 17,513 | |
| Private employee | 9.9 | 28.5 | 22.9 | 12.1 | 3.9 | 1.8 | 10.4 | 10.5 | 54,098 | |
| Self-employed | 6.6 | 35.8 | 13.4 | 21.5 | 8.3 | 1.3 | 7.7 | 5.5 | 67,684 | |
| Farmer/farm worker | 3.5 | 40.0 | 5.4 | 26.7 | 17.6 | 1.1 | 2.9 | 2.8 | 68,505 | |
| Fisher | 4.3 | 50.1 | 5.1 | 17.4 | 11.8 | 0.6 | 5.9 | 4.8 | 2,964 | |
| Labor/driver/domestic help | 5.4 | 41.1 | 13.5 | 18.9 | 8.3 | 0.7 | 5.1 | 7.0 | 33,241 | |
| Others | 8.0 | 37.2 | 9.6 | 17.4 | 14.1 | 2.3 | 6.4 | 5.0 | 29,537 | |
| Residence | | | | | | | | | | |
| Urban | 8.8 | 33.4 | 15.8 | 15.4 | 8.3 | 1.9 | 9.0 | 7.5 | 272,088 | |
| Rural | 3.6 | 38.3 | 6.6 | 25.5 | 15.7 | 1.7 | 3.7 | 4.9 | 181,955 | |
| Economic Status | | | | | | | | | | |
| Lowest | 3.4 | 41.8 | 4.7 | 21.4 | 19.3 | 1.9 | 2.5 | 5.1 | 58,428 | |
| Lower Middle | 4.0 | 40.2 | 7.2 | 23.2 | 15.0 | 1.7 | 3.1 | 5.7 | 77,753 | |
| Middle | 4.6 | 38.4 | 10.1 | 22.6 | 12.1 | 1.7 | 4.3 | 6.2 | 92,529 | |
| Upper Middle | 6.2 | 36.3 | 13.8 | 19.0 | 9.4 | 1.7 | 6.5 | 7.0 | 107,679 | |
| Highest | 12.4 | 25.8 | 19.2 | 14.0 | 5.8 | 2.1 | 13.7 | 7.2 | 117,617 | |

CHAPTER 12

MATERNAL HEALTH

The purpose of the maternal health chapter is to provide information about maternal health from pregnancy to postpartum period. From the data collection from female respondents aged 10-54 years who have ever been married, we obtained that these women have had reproductive experience within the last five years for their last child. The information collected are as follows:

1. During the pregnancy period: health services for pregnant women (ANC access, pure ANC K1, ANC K4, and ANC K6), personnel and places providing antenatal care (ANC) services, ANC components, and laboratory examinations during ANC, as well as pregnancy complaints.
2. Ownership of a Maternal and Child Health book (KIA book) for the last pregnancy that has ended.
3. Childbirth period, consisting of; birth attendant, place of delivery, method of delivery, financing of delivery, and delivery complaints.
4. The postpartum period consists of; postpartum maternal services (Postpartum Visit 1/KF1, Postpartum Visit 2/KF2, Postpartum Visit 3/KF3, Postpartum Visit 4/KF4, and complete Postpartum Visit/complete KF), and delivery complaints.
5. Postpartum Birth Control (KB) Services.

12.1 REPRODUCTION PERIOD

1. Proportion of Pregnancy History in Women Aged 10-54 years who Have Ever Married

Every pregnancy experienced in the lifetime of women aged 10-54 years, without considering the outcome of the pregnancy (live birth, stillbirth, or miscarriage, including those who were pregnant at the time of the interview).

Proportion of pregnancy history, "have ever pregnant" =

$$\frac{\Sigma \text{Women have ever pregnant}}{\Sigma \text{Women aged 10-54 who have ever married}} \times 100\%$$

Female respondents aged 10-54 years who were previously married and pregnant, and were pregnant at the time of the interview.

Proportion of pregnancy history, "have ever pregnant" =

$$\frac{\Sigma \text{Women who are being pregnant}}{\Sigma \text{Women aged 10-54 who have ever been pregnant}} \times 100\%$$

2. Proportion of Age of First Pregnancy in Women Aged 10-54 years Who Have Ever Married.

Age at the first pregnancy, regardless of the outcome of the pregnancy (ending in miscarriage, live birth, stillbirth).

Proportion of age of first pregnancy

$$\frac{\Sigma \text{Age of first pregnancy per age category}}{\Sigma \text{Women aged 10-54 who have ever been pregnant}} \times 100\%$$

Table 12.1 Proportion of Pregnancy History in Women Aged 10-54 Who Have Ever Married by Province, 2023 SKI

| Province | Pregnancy History | | | | | |
|--------------------|--------------------|--------------------|----------------|--------------------|------------------|----------------|
| | Have Ever Pregnant | | Weighted N | Currently Pregnant | | Weighted N |
| | % | 95% CI | | % | 95% CI | |
| Aceh | 93.1 | 92.0 - 94.1 | 4,161 | 2.5 | 2.1 - 3.1 | 3,881 |
| Sumatra Utara | 94.1 | 93.4 - 94.8 | 11,549 | 2.4 | 1.8 - 3.3 | 10,891 |
| Sumatra Barat | 95.3 | 94.5 - 95.9 | 4,183 | 3.2 | 2.7 - 3.8 | 3,993 |
| Riau | 95.2 | 94.3 - 95.9 | 5,217 | 2.7 | 2.2 - 3.3 | 4,976 |
| Jambi | 93.5 | 92.4 - 94.5 | 2,978 | 1.3 | 1.0 - 1.8 | 2,789 |
| South Sumatera | 95.7 | 95.0 - 96.3 | 6,803 | 1.9 | 1.5 - 2.4 | 6,524 |
| Bengkulu | 95.2 | 94.0 - 96.1 | 1,672 | 2.1 | 1.6 - 2.8 | 1,594 |
| Lampung | 96.2 | 95.4 - 96.8 | 7,581 | 3.0 | 2.4 - 3.7 | 7,306 |
| Bangka Belitung | 94.8 | 93.8 - 95.7 | 1,186 | 2.4 | 1.8 - 3.2 | 1,126 |
| Riau Islands | 94.8 | 93.0 - 96.1 | 1,756 | 4.5 | 3.3 - 6.0 | 1,667 |
| DKI Jakarta | 95.1 | 93.7 - 96.1 | 8,035 | 2.6 | 1.9 - 3.5 | 7,654 |
| West Java | 95.9 | 95.4 - 96.4 | 41,225 | 2.9 | 2.5 - 3.3 | 39,608 |
| Central Java | 95.4 | 94.9 - 95.9 | 30,245 | 2.9 | 2.6 - 3.3 | 28,907 |
| DI Yogyakarta | 94.4 | 93.1 - 95.5 | 2,767 | 3.3 | 2.3 - 4.7 | 2,619 |
| East Java | 95.1 | 94.6 - 95.5 | 33,611 | 2.1 | 1.8 - 2.4 | 32,020 |
| Banten | 95.3 | 94.1 - 96.2 | 10,035 | 2.4 | 1.8 - 3.0 | 9,580 |
| Bali | 94.9 | 93.6 - 95.9 | 3,463 | 1.8 | 1.4 - 2.4 | 3,293 |
| West Nusa Tenggara | 95.1 | 94.0 - 96.0 | 4,662 | 3.3 | 2.6 - 4.0 | 4,441 |
| East Nusa Tenggara | 94.7 | 94.0 - 95.4 | 3,982 | 3.4 | 2.9 - 3.9 | 3,779 |
| West Kalimantan | 95.3 | 94.5 - 96.0 | 4,516 | 1.8 | 1.4 - 2.3 | 4,312 |
| Central Kalimantan | 93.9 | 92.9 - 94.8 | 2,339 | 1.5 | 1.1 - 2.1 | 2,201 |
| South Kalimantan | 93.6 | 92.7 - 94.4 | 3,329 | 2.5 | 2.0 - 3.1 | 3,121 |
| East Kalimantan | 94.3 | 93.2 - 95.2 | 3,126 | 3.1 | 2.4 - 3.9 | 2,953 |
| North Kalimantan | 94.8 | 93.0 - 96.1 | 580 | 2.8 | 1.9 - 4.1 | 551 |
| North Sulawesi | 94.5 | 93.5 - 95.3 | 2,066 | 2.0 | 1.5 - 2.7 | 1,956 |
| Central Sulawesi | 94.7 | 93.8 - 95.5 | 2,445 | 3.0 | 2.5 - 3.7 | 2,320 |
| South Sulawesi | 93.1 | 92.3 - 93.9 | 7,247 | 3.2 | 2.8 - 3.8 | 6,762 |
| Southeast Sulawesi | 93.0 | 91.8 - 94.1 | 2,123 | 2.8 | 2.3 - 3.4 | 1,979 |
| Gorontalo | 94.8 | 93.6 - 95.8 | 974 | 3.5 | 2.6 - 4.5 | 925 |
| West Sulawesi | 93.9 | 92.4 - 95.1 | 1,170 | 4.7 | 3.5 - 6.1 | 1,100 |
| Maluku | 95.2 | 94.1 - 96.1 | 1,442 | 3.7 | 2.9 - 4.7 | 1,375 |
| North Maluku | 91.5 | 89.7 - 93.0 | 1,044 | 2.9 | 2.2 - 3.9 | 957 |
| West Papua | 91.2 | 88.8 - 93.2 | 470 | 4.1 | 2.9 - 5.7 | 429 |
| Southwest Papua | 93.9 | 92.2 - 95.3 | 511 | 3.1 | 2.2 - 4.6 | 481 |
| Papua | 92.2 | 89.5 - 94.2 | 743 | 2.6 | 1.8 - 3.8 | 686 |
| South Papua | 91.8 | 89.4 - 93.7 | 389 | 3.2 | 2.0 - 5.0 | 358 |
| Central Papua | 80.6 | 74.2 - 85.7 | 1,454 | 2.3 | 1.4 - 3.9 | 1,174 |
| Highland Papua | 73.3 | 66.7 - 79.1 | 1,446 | 6.1 | 3.0 - 11.9 | 1,062 |
| INDONESIA | 94.8 | 94.6 - 95.0 | 222,526 | 2.7 | 2.5 - 2.8 | 211,351 |

Table 12.2 Proportion of Pregnancy History in Women Aged 10-54 Who Have Ever Married by Characteristic, 2023 SKI

| Characteristic | Pregnancy History | | | | | |
|---|-------------------|------------------------------|------------|------|------------------------------|------------|
| | % | Have Ever Pregnant 95% CI | Weighted N | % | Currently Pregnant 95% CI | Weighted N |
| Age Range (Year) | | | | | | |
| 10-14 | 3.5 | 1.6 - 7.3 | 186 | 24.6 | 5.8 - 63.3 | 2* |
| 15 – 19 | 71.6 | 66.7 - 76.0 | 1,565 | 12.8 | 9.6 - 16.8 | 143 |
| 20 – 24 | 86.7 | 85.5 - 87.8 | 14,574 | 8.5 | 7.5 - 9.7 | 1,078 |
| 25 – 29 | 92.3 | 91.7 - 92.8 | 32,683 | 5.9 | 5.5 - 6.4 | 1,790 |
| 30 – 34 | 95.2 | 94.8 - 95.6 | 37,087 | 4.1 | 3.8 - 4.5 | 1,450 |
| 35 – 39 | 96.5 | 96.2 - 96.8 | 37,192 | 2.5 | 2.2 - 2.7 | 882 |
| 40 – 44 | 97.0 | 96.7 - 97.3 | 35,701 | 0.6 | 0.5 - 0.8 | 218 |
| 45 – 49 | 96.7 | 96.4 - 96.9 | 33,677 | 0.2 | 0.1 - 0.2 | 52 |
| 50 – 54 | 95.9 | 95.6 - 96.3 | 29,861 | 0.1 | 0.1 - 0.2 | 35* |
| Age Range (Special) | | | | | | |
| 10 - 19 (Teenager) | 64.4 | 59.5 - 69.0 | 1,751 | 12.8 | 9.7 - 16.8 | 145 |
| 15 - 49 (Women of Reproductive Age) | 94.7 | 94.5 - 94.9 | 192,479 | 3.1 | 2.9 - 3.2 | 5,613 |
| Education | | | | | | |
| Never attended school | 90.0 | 88.7 - 91.2 | 6,525 | 1.9 | 1.4 - 2.6 | 114 |
| Some primary school/Islamic primary school | 93.8 | 93.1 - 94.5 | 12,244 | 1.9 | 1.5 - 2.4 | 217 |
| Primary school graduate/Islamic primary school | 96.3 | 96.0 - 96.5 | 56,972 | 1.7 | 1.5 - 1.9 | 925 |
| Junior secondary school /Islamic secondary school graduate | 95.9 | 95.5 - 96.2 | 49,655 | 2.6 | 2.4 - 2.9 | 1,247 |
| Senior secondary school /Islamic senior secondary school graduate | 94.2 | 93.8 - 94.5 | 71,900 | 3.3 | 3.0 - 3.5 | 2,216 |
| D1/D2/D3/university graduate | 92.9 | 92.4 - 93.4 | 25,231 | 4.0 | 3.6 - 4.4 | 932 |
| Occupation | | | | | | |
| Unemployed | 95.5 | 95.3 - 95.7 | 124,965 | 3.0 | 2.8 - 3.2 | 3,549 |
| Student | 74.2 | 70.3 - 77.7 | 1,513 | 4.8 | 2.9 - 7.9 | 54 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 94.0 | 93.1 - 94.8 | 6,591 | 2.6 | 2.0 - 3.4 | 163 |
| Private employee | 91.6 | 90.8 - 92.4 | 17,569 | 3.3 | 2.8 - 3.9 | 533 |
| Self-employed | 94.7 | 94.2 - 95.2 | 24,108 | 1.9 | 1.6 - 2.2 | 439 |
| Farmer/farm worker | 95.1 | 94.6 - 95.6 | 21,361 | 1.1 | 0.9 - 1.5 | 231 |
| Fisher | 89.2 | 79.7 - 94.5 | 211 | 1.8 | 0.5 - 6.1 | 3* |
| Labor/driver/domestic help | 95.2 | 94.2 - 96.1 | 7,324 | 1.6 | 1.1 - 2.1 | 108 |
| Others | 94.7 | 94.2 - 95.2 | 18,886 | 3.2 | 2.8 - 3.6 | 569 |
| Residence | | | | | | |
| Urban | 94.8 | 94.6 - 95.0 | 127,816 | 2.7 | 2.6 - 2.9 | 102 |
| Rural | 94.8 | 94.5 - 95.1 | 94,710 | 2.6 | 2.4 - 2.8 | 5,558 |
| Economic Status | | | | | | |
| Lowest | 93.1 | 92.5 - 93.6 | 28,832 | 2.8 | 2.4 - 3.1 | 741 |
| Lower Middle | 95.5 | 95.1 - 95.8 | 39,648 | 2.7 | 2.4 - 3.0 | 1,019 |
| Middle | 95.1 | 94.7 - 95.5 | 48,110 | 2.5 | 2.3 - 2.8 | 1,164 |
| Upper Middle | 95.1 | 94.8 - 95.4 | 54,347 | 2.5 | 2.3 - 2.8 | 1,300 |
| Highest | 94.6 | 94.3 - 95.0 | 51,574 | 2.9 | 2.6 - 3.2 | 1,426 |

Table 12.3 Proportion of Women Aged 10-54 Who Have Ever Married by Age of the First Pregnancy by Province, 2023 SKI

| Province | Age of the first pregnancy (%) | | | | | | Did not answer | Average age | Weighted N |
|--------------------|--------------------------------|-------------|-------------|-------------|------------|------------|----------------|-------------|----------------|
| | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35+ | | | |
| Aceh | 0.5 | 19.5 | 47.8 | 25.3 | 5.1 | 1.7 | 0.2 | 23.0 | 3,903 |
| Sumatra Utara | 0.2 | 16.1 | 48.1 | 27.6 | 5.9 | 1.8 | 0.2 | 23.4 | 10,985 |
| Sumatra Barat | 0.3 | 16.7 | 46.8 | 29.5 | 5.1 | 1.4 | 0.2 | 23.2 | 4,013 |
| Riau | 0.5 | 21.9 | 48.1 | 23.8 | 4.4 | 1.0 | 0.3 | 22.6 | 4,998 |
| Jambi | 0.6 | 27.8 | 45.9 | 20.1 | 4.3 | 1.2 | 0.1 | 22.1 | 2,817 |
| South Sumatera | 0.9 | 27.6 | 45.7 | 20.2 | 4.3 | 1.3 | 0.0 | 22.1 | 6,574 |
| Bengkulu | 0.8 | 31.5 | 44.9 | 18.8 | 3.1 | 0.8 | 0.1 | 21.6 | 1,611 |
| Lampung | 0.7 | 23.0 | 53.4 | 19.5 | 2.5 | 0.6 | 0.2 | 21.9 | 7,383 |
| Bangka Belitung | 0.7 | 30.2 | 46.5 | 17.2 | 4.3 | 1.0 | 0.1 | 21.8 | 1,136 |
| Riau Islands | 0.3 | 13.3 | 41.4 | 34.5 | 8.0 | 2.5 | 0.0 | 24.2 | 1,686 |
| DKI Jakarta | 0.4 | 14.6 | 44.8 | 30.9 | 7.1 | 2.2 | 0.1 | 23.7 | 7,747 |
| West Java | 1.0 | 29.7 | 47.0 | 17.8 | 3.4 | 1.0 | 0.1 | 21.7 | 39,797 |
| Central Java | 0.4 | 26.3 | 48.8 | 19.4 | 3.7 | 1.2 | 0.2 | 22.1 | 29,119 |
| DI Yogyakarta | 0.3 | 13.3 | 44.8 | 32.0 | 6.8 | 2.6 | 0.2 | 23.9 | 2,627 |
| East Java | 1.1 | 26.2 | 48.4 | 19.0 | 3.8 | 1.3 | 0.2 | 22.0 | 32,219 |
| Banten | 1.7 | 27.3 | 46.3 | 19.6 | 4.0 | 1.0 | 0.1 | 21.9 | 9,632 |
| Bali | 0.3 | 18.4 | 49.6 | 26.3 | 4.1 | 1.3 | 0.1 | 22.8 | 3,317 |
| West Nusa Tenggara | 1.5 | 32.7 | 43.6 | 17.9 | 3.4 | 0.8 | 0.2 | 21.4 | 4,453 |
| East Nusa Tenggara | 0.3 | 19.3 | 45.8 | 24.7 | 7.0 | 2.2 | 0.6 | 23.2 | 3,812 |
| West Kalimantan | 1.0 | 29.8 | 44.1 | 19.8 | 4.3 | 1.0 | 0.1 | 21.9 | 4,348 |
| Central Kalimantan | 1.4 | 36.6 | 42.1 | 14.6 | 3.9 | 1.3 | 0.2 | 21.3 | 2,220 |
| South Kalimantan | 1.3 | 32.1 | 45.0 | 16.5 | 3.7 | 1.1 | 0.3 | 21.6 | 3,154 |
| East Kalimantan | 1.1 | 28.6 | 44.6 | 19.9 | 4.1 | 1.6 | 0.1 | 22.1 | 2,968 |
| North Kalimantan | 2.1 | 27.6 | 40.7 | 21.4 | 6.3 | 1.8 | 0.1 | 22.3 | 553 |
| North Sulawesi | 0.7 | 30.4 | 43.0 | 17.9 | 5.6 | 2.1 | 0.4 | 22.2 | 1,977 |
| Central Sulawesi | 1.1 | 30.7 | 43.4 | 18.7 | 4.5 | 1.3 | 0.4 | 21.8 | 2,347 |
| South Sulawesi | 1.3 | 28.2 | 39.9 | 21.9 | 6.3 | 2.1 | 0.4 | 22.4 | 6,835 |
| Southeast Sulawesi | 1.6 | 31.1 | 44.5 | 17.2 | 3.4 | 1.7 | 0.4 | 21.7 | 2,034 |
| Gorontalo | 0.7 | 28.3 | 47.0 | 18.9 | 3.6 | 1.3 | 0.1 | 21.9 | 929 |
| West Sulawesi | 1.1 | 31.9 | 43.6 | 18.0 | 4.4 | 0.9 | 0.1 | 21.6 | 1,106 |
| Maluku | 0.4 | 22.7 | 44.5 | 24.0 | 5.5 | 2.1 | 0.6 | 22.9 | 1,384 |
| North Maluku | 0.8 | 27.3 | 43.0 | 21.5 | 5.0 | 1.7 | 0.7 | 22.3 | 981 |
| West Papua | 1.8 | 29.9 | 40.4 | 20.3 | 5.0 | 1.8 | 0.7 | 22.0 | 443 |
| Southwest Papua | 1.0 | 27.0 | 42.4 | 21.7 | 5.5 | 1.9 | 0.4 | 22.4 | 486 |
| Papua | 1.9 | 24.6 | 42.5 | 22.0 | 6.1 | 2.1 | 0.7 | 22.5 | 707 |
| South Papua | 2.3 | 35.2 | 38.5 | 17.7 | 3.3 | 0.9 | 2.1 | 21.3 | 368 |
| Central Papua | 1.6 | 31.3 | 42.4 | 15.5 | 5.6 | 1.6 | 2.0 | 22.0 | 1,266 |
| Highland Papua | 1.9 | 22.4 | 41.4 | 15.3 | 4.6 | 1.0 | 13.4 | 22.0 | 1,225 |
| INDONESIA | 0.9 | 25.8 | 46.8 | 20.7 | 4.3 | 1.3 | 0.3 | 22.2 | 213,157 |

Table 12.4 Proportion of Women Aged 10-54 Who Have Ever Married by Age of the First Pregnancy by Characteristic, 2023 SKI

| Characteristic | Age of the first pregnancy (%) | | | | | | Did not answer | Weighted N |
|---|--------------------------------|-------|-------|-------|-------|-----|----------------|------------|
| | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35+ | | |
| Age Range (Year) | | | | | | | | |
| 10-14 | 100.0 | N/A | N/A | N/A | N/A | N/A | 0.0 | 8* |
| 15 – 19 | 3.6 | 92.7 | N/A | N/A | N/A | N/A | 3.7 | 1,141 |
| 20 – 24 | 0.7 | 44.3 | 54.7 | N/A | N/A | N/A | 0.3 | 12,883 |
| 25 – 29 | 0.6 | 27.3 | 54.4 | 17.6 | N/A | N/A | 0.2 | 30,558 |
| 30 – 34 | 0.6 | 23.1 | 49.4 | 23.7 | 2.9 | N/A | 0.2 | 35,644 |
| 35 – 39 | 0.7 | 21.0 | 47.4 | 24.4 | 5.1 | 1.1 | 0.2 | 36,243 |
| 40 – 44 | 0.9 | 24.1 | 44.1 | 22.8 | 6.0 | 2.0 | 0.2 | 34,917 |
| 45 – 49 | 1.2 | 24.7 | 42.7 | 22.0 | 6.6 | 2.5 | 0.3 | 32,864 |
| 50 – 54 | 1.3 | 25.9 | 40.7 | 21.8 | 6.8 | 3.0 | 0.5 | 28,900 |
| Age Range (Special) | | | | | | | | |
| 10 - 19 (Teenager) | 4.2 | 92.1 | N/A | N/A | N/A | N/A | 3.7 | 1,149 |
| 15 - 49 (Women of Reproductive Age) | 0.8 | 25.8 | 47.7 | 20.5 | 3.9 | 1.0 | 0.2 | 184,249 |
| Education | | | | | | | | |
| Never attended school | 2.4 | 38.3 | 37.4 | 13.8 | 4.0 | 1.6 | 2.5 | 6,054 |
| Some primary school/Islamic primary school | 2.3 | 39.7 | 40.9 | 12.6 | 2.9 | 1.1 | 0.5 | 11,675 |
| Primary school graduate/Islamic primary school | 1.9 | 39.5 | 42.2 | 12.1 | 3.2 | 1.0 | 0.3 | 55,315 |
| Junior secondary school /Islamic secondary school graduate | 0.5 | 33.4 | 48.3 | 13.8 | 2.9 | 0.9 | 0.2 | 48,010 |
| Senior secondary school /Islamic senior secondary school graduate | 0.2 | 13.9 | 55.5 | 24.3 | 4.4 | 1.5 | 0.2 | 68,376 |
| D1/D2/D3/university graduate | 0.0 | 2.8 | 34.4 | 50.2 | 10.0 | 2.4 | 0.1 | 23,728 |
| Occupation | | | | | | | | |
| Unemployed | 0.9 | 27.7 | 48.3 | 18.2 | 3.6 | 1.1 | 0.3 | 120,490 |
| Student | 1.2 | 26.1 | 46.3 | 19.0 | 5.6 | 1.5 | 0.3 | 1,133 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 0.1 | 3.4 | 35.5 | 46.2 | 11.2 | 3.2 | 0.3 | 6,263 |
| Private employee | 0.2 | 11.2 | 43.9 | 35.7 | 7.0 | 1.8 | 0.1 | 16,306 |
| Self-employed | 0.8 | 22.8 | 48.0 | 22.0 | 4.7 | 1.6 | 0.2 | 23,075 |
| Farmer/farm worker | 1.6 | 35.1 | 43.5 | 14.5 | 3.7 | 1.2 | 0.6 | 20,602 |
| Fisher | 2.0 | 24.6 | 38.3 | 27.4 | 6.2 | 1.4 | 0.1 | 192 |
| Labor/driver/domestic help | 0.9 | 27.4 | 46.1 | 18.9 | 4.5 | 1.8 | 0.3 | 7,009 |
| Others | 0.9 | 26.4 | 45.6 | 21.2 | 4.1 | 1.4 | 0.3 | 18,087 |
| Residence | | | | | | | | |
| Urban | 0.7 | 21.3 | 46.9 | 24.4 | 5.0 | 1.6 | 0.2 | 122,342 |
| Rural | 1.1 | 31.9 | 46.6 | 15.7 | 3.3 | 1.0 | 0.4 | 90,815 |
| Economic Status | | | | | | | | |
| Lowest | 1.6 | 34.1 | 43.3 | 15.0 | 3.8 | 1.3 | 0.8 | 27,307 |
| Lower Middle | 1.2 | 32.1 | 46.3 | 15.2 | 3.7 | 1.2 | 0.3 | 38,197 |
| Middle | 1.1 | 29.2 | 47.6 | 17.1 | 3.6 | 1.2 | 0.2 | 46,142 |
| Upper Middle | 0.6 | 24.9 | 48.9 | 20.3 | 4.0 | 1.3 | 0.2 | 52,175 |
| Highest | 0.3 | 14.0 | 46.0 | 32.0 | 6.0 | 1.6 | 0.1 | 49,322 |

* Weighted N<50

12.2 PREGNANCY PERIOD

1. Proportion of Maternal and Child Health (KIA) book Ownership of Mother Giving Birth in the period of 1 January 2018

Ownership status of Maternal and Child Health (KIA) book is for mothers who gave birth in the period 1 January 2018 until the time of interview. Ownership status is based on recognition and physical observation of the KIA book.

Proportion of KIA book ownership =

Σ Women aged 10-54 giving birth in the period of 1 January 2018 to the time of the interview and having KIA book

$$\frac{\text{Women aged 10-54 who have ever married and giving birth in the period of 1 January 2018 to the time of the interview}}{\text{Women aged 10-54 who have ever married and giving birth in the period of 1 January 2018 to the time of the interview}} \times 100\%$$

Proportion of ever having KIA book =

Σ women aged 10-54 years who gave birth in period 1 January 2018 to the time of the interview according to their confession of having a KIA book but not being able to show it

$$\frac{\text{Σ women aged 10-54 who have ever married and gave birth to their last child in the period 1 January 2018 to the time of the interview}}{\text{Σ women aged 10-54 who have ever married and gave birth to their last child in the period 1 January 2018 to the time of the interview}} \times 100\%$$

2. Proportion of Maternal Pregnancy Risk Factors recorded in the KIA Book for Mothers Who Gave Birth in the Period 1 January 2018 to the Time of the Interview

The pregnancy risk factors of mothers when they have their first pregnancy check-up, can be seen from the notes in the Respondent's KIA book, including: obesity, anemia, diabetes mellitus, hypertension, heart disease, chronic energy deficiency, and others.

Proportion of pregnancy risk factors=

Σ Women aged 10-54 who have risk factors types on the last delivery

$$\times 100\%$$

$$\frac{\text{Σ Women aged 10-54 who have ever married and delivering their last child in the period of 1 January 2018 to the time of the interview who have KIA book}}{\text{Σ Women aged 10-54 who have ever married and delivering their last child in the period of 1 January 2018 to the time of the interview who have KIA book}} \times 100\%$$

Table 12.5 Proportion of Women Aged 10-54 Having KIA Book by Province, 2023 SKI

| Province | KIA Book Ownership Percentage | | | | | | Weighted N | |
|----------------------|-------------------------------|--------------------|----------------|--------------------|-------------|------------------|---------------|--|
| | Able to Show | | Unable to Show | | Not Possess | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 49.9 | 47.2 - 52.5 | 36.2 | 33.8 - 38.8 | 13.9 | 12.2 - 15.7 | 1,472 | |
| North Sumatera | 41.3 | 38.8 - 43.9 | 36.0 | 33.6 - 38.5 | 22.7 | 20.4 - 25.1 | 3,439 | |
| West Sumatera | 61.9 | 59.4 - 64.3 | 32.9 | 30.6 - 35.3 | 5.2 | 4.1 - 6.5 | 1,565 | |
| Riau | 36.8 | 33.9 - 39.8 | 45.5 | 42.3 - 48.7 | 17.7 | 15.2 - 20.5 | 1,684 | |
| Jambi | 65.5 | 61.7 - 69.1 | 28.6 | 25.4 - 32.0 | 5.9 | 4.2 - 8.2 | 751 | |
| South Sumatera | 52.1 | 49.4 - 54.9 | 36.3 | 33.7 - 39.0 | 11.6 | 10.0 - 13.3 | 2,021 | |
| Bengkulu | 62.4 | 58.5 - 66.1 | 32.7 | 29.2 - 36.5 | 4.9 | 3.6 - 6.7 | 479 | |
| Lampung | 76.7 | 74.0 - 79.2 | 19.6 | 17.2 - 22.3 | 3.7 | 2.8 - 4.8 | 2,473 | |
| Kep. Bangka Belitung | 68.5 | 64.6 - 72.2 | 26.7 | 23.1 - 30.6 | 4.8 | 3.4 - 6.6 | 307 | |
| Kep. Riau | 71.6 | 67.0 - 75.8 | 19.2 | 16.0 - 23.0 | 9.2 | 6.6 - 12.6 | 647 | |
| DKI Jakarta | 83.4 | 80.1 - 86.2 | 13.5 | 11.0 - 16.5 | 3.1 | 2.0 - 5.0 | 2,581 | |
| Banten | 73.1 | 71.4 - 74.8 | 18.9 | 17.4 - 20.5 | 8.0 | 7.0 - 9.0 | 14,340 | |
| West Java | 88.1 | 86.9 - 89.2 | 10.0 | 8.9 - 11.2 | 1.9 | 1.5 - 2.4 | 9,571 | |
| Central Java | 93.4 | 90.8 - 95.3 | 4.3 | 2.8 - 6.5 | 2.3 | 1.2 - 4.2 | 743 | |
| DI Yogyakarta | 83.1 | 81.5 - 84.5 | 13.7 | 12.5 - 15.1 | 3.2 | 2.6 - 4.0 | 9,136 | |
| East Java | 69.5 | 66.2 - 72.6 | 22.8 | 20.0 - 25.8 | 7.7 | 6.1 - 9.7 | 3,331 | |
| Bali | 83.8 | 81.1 - 86.3 | 10.5 | 8.5 - 12.8 | 5.7 | 4.1 - 7.7 | 988 | |
| West Nusa Tenggara | 82.2 | 79.7 - 84.4 | 13.3 | 11.4 - 15.6 | 4.5 | 3.4 - 5.9 | 1,718 | |
| East Nusa Tenggara | 69.5 | 67.3 - 71.7 | 25.6 | 23.7 - 27.7 | 4.8 | 4.0 - 5.7 | 1,616 | |
| West Kalimantan | 71.0 | 67.7 - 74.1 | 22.6 | 19.8 - 25.6 | 6.4 | 4.8 - 8.3 | 1,330 | |
| Central Kalimantan | 63.1 | 59.7 - 66.4 | 29.8 | 26.7 - 33.1 | 7.0 | 5.4 - 9.2 | 605 | |
| South Kalimantan | 77.0 | 74.4 - 79.4 | 19.0 | 16.7 - 21.6 | 4.0 | 3.0 - 5.3 | 978 | |
| East Kalimantan | 79.6 | 76.6 - 82.4 | 17.5 | 14.9 - 20.3 | 2.9 | 1.9 - 4.5 | 1,042 | |
| North Kalimantan | 74.5 | 70.0 - 78.6 | 19.6 | 16.0 - 23.6 | 5.9 | 4.1 - 8.4 | 219 | |
| North Sulawesi | 62.6 | 58.7 - 66.4 | 30.1 | 26.7 - 33.8 | 7.3 | 5.0 - 10.3 | 545 | |
| Southeast Sulawesi | 66.3 | 63.3 - 69.2 | 25.7 | 23.1 - 28.5 | 8.0 | 6.4 - 10.0 | 821 | |
| Central Sulawesi | 70.3 | 68.1 - 72.4 | 22.8 | 20.9 - 24.8 | 6.9 | 5.7 - 8.4 | 2,668 | |
| South Sulawesi | 49.8 | 46.9 - 52.7 | 34.1 | 31.3 - 36.9 | 16.1 | 14.0 - 18.5 | 746 | |
| West Sulawesi | 79.7 | 75.7 - 83.2 | 17.7 | 14.6 - 21.3 | 2.6 | 1.5 - 4.4 | 323 | |
| Gorontalo | 70.5 | 66.2 - 74.4 | 25.4 | 21.6 - 29.6 | 4.1 | 2.7 - 6.2 | 431 | |
| Maluku | 48.0 | 43.5 - 52.5 | 31.8 | 28.0 - 35.9 | 20.2 | 17.2 - 23.6 | 522 | |
| North Maluku | 51.0 | 47.0 - 54.9 | 32.1 | 28.5 - 36.0 | 16.9 | 14.2 - 20.0 | 349 | |
| West Papua | 43.3 | 36.5 - 50.3 | 39.5 | 33.0 - 46.5 | 17.2 | 13.6 - 21.4 | 153 | |
| Southwest Papua | 40.4 | 35.2 - 45.9 | 34.1 | 29.0 - 39.5 | 25.5 | 21.2 - 30.4 | 205 | |
| Papua | 53.1 | 46.6 - 59.6 | 30.9 | 25.2 - 37.3 | 16.0 | 12.8 - 19.8 | 240 | |
| South Papua | 49.9 | 39.3 - 60.5 | 34.4 | 27.1 - 42.5 | 15.8 | 11.0 - 22.0 | 155 | |
| Central Papua | 17.1 | 10.8 - 26.0 | 21.8 | 14.4 - 31.7 | 61.0 | 45.8 - 74.4 | 381 | |
| Highland Papua | 12.4 | 9.2 - 16.5 | 47.8 | 40.8 - 54.9 | 39.8 | 31.7 - 48.4 | 339 | |
| INDONESIA | 71.7 | 71.1 - 72.3 | 20.8 | 20.3 - 21.3 | 7.5 | 7.2 - 7.9 | 70,916 | |

Table 12.6 Proportion of Women Aged 10-54 Having KIA Book by Characteristic, 2023 SKI

| Characteristic | KIA Book Ownership Percentage | | | | | | Weighted N | |
|---|-------------------------------|-------------|----------------|-------------|-------------|-------------|------------|--|
| | Able to Show | | Unable to Show | | Not Possess | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Age Range (Year) | | | | | | | | |
| <15 | 90.9 | 61.7 - 98.4 | 5.7 | 0.6 - 36.5 | 3.3 | 0.4 - 24.3 | 4* | |
| 15-19 | 72.3 | 59.2 - 82.4 | 13.9 | 10.7 - 17.8 | 13.8 | 5.0 - 32.8 | 853 | |
| 20-24 | 75.4 | 73.7 - 77.0 | 18.5 | 17.1 - 20.1 | 6.1 | 5.2 - 7.1 | 9,851 | |
| 25-29 | 74.7 | 73.7 - 75.7 | 19.0 | 18.2 - 19.9 | 6.2 | 5.7 - 6.8 | 20,434 | |
| 30-34 | 71.9 | 70.9 - 72.9 | 20.8 | 19.9 - 21.7 | 7.3 | 6.7 - 7.9 | 19,354 | |
| 35-39 | 68.8 | 67.5 - 70.0 | 23.0 | 21.9 - 24.0 | 8.3 | 7.6 - 9.0 | 13,042 | |
| 40-44 | 65.2 | 63.4 - 66.9 | 24.6 | 23.1 - 26.2 | 10.2 | 9.1 - 11.4 | 5,959 | |
| 45-49 | 55.1 | 51.5 - 58.7 | 29.0 | 25.9 - 32.4 | 15.8 | 13.6 - 18.4 | 1,276 | |
| 50-54 | 40.3 | 31.2 - 50.2 | 36.2 | 27.0 - 46.6 | 23.4 | 14.5 - 35.7 | 143 | |
| Age Range (Special) | | | | | | | | |
| 10 - 19 (Teenager) | 72.4 | 59.4 - 82.4 | 13.9 | 10.7 - 17.8 | 13.8 | 5.0 - 32.7 | 857 | |
| 15 - 49 (Women of Reproductive Age) | 71.8 | 71.2 - 72.3 | 20.8 | 20.3 - 21.3 | 7.5 | 7.1 - 7.9 | 70,769 | |
| Education | | | | | | | | |
| Never attended school | 54.9 | 50.8 - 58.9 | 25.8 | 22.7 - 29.1 | 19.3 | 16.4 - 22.7 | 1,171 | |
| Some primary school/Islamic primary school | 64.0 | 59.4 - 68.3 | 22.7 | 20.1 - 25.5 | 13.4 | 9.2 - 18.9 | 2,586 | |
| Primary school graduate/Islamic primary school | 70.9 | 69.4 - 72.4 | 21.3 | 20.0 - 22.7 | 7.8 | 7.0 - 8.7 | 11,827 | |
| Junior secondary school /Islamic secondary school graduate | 74.7 | 73.6 - 75.8 | 19.0 | 18.0 - 20.0 | 6.3 | 5.7 - 6.9 | 16,324 | |
| Senior secondary school /Islamic senior secondary school graduate | 72.4 | 71.5 - 73.2 | 20.7 | 20.0 - 21.5 | 6.9 | 6.4 - 7.4 | 27,898 | |
| D1/D2/D3/university graduate | 70.0 | 68.8 - 71.2 | 22.0 | 21.0 - 23.1 | 8.0 | 7.3 - 8.7 | 11,110 | |
| Occupation | | | | | | | | |
| Unemployed | 72.8 | 72.0 - 73.5 | 19.9 | 19.3 - 20.6 | 7.3 | 6.8 - 7.8 | 44,394 | |
| Student | 68.8 | 61.6 - 75.2 | 20.2 | 15.5 - 25.9 | 11.0 | 6.5 - 18.1 | 404 | |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 66.5 | 63.8 - 69.1 | 27.1 | 24.8 - 29.6 | 6.4 | 5.2 - 7.7 | 2,098 | |
| Private employee | 75.7 | 73.9 - 77.3 | 17.8 | 16.3 - 19.3 | 6.5 | 5.6 - 7.6 | 6,715 | |
| Self-employed | 73.7 | 71.9 - 75.5 | 19.7 | 18.1 - 21.4 | 6.5 | 5.7 - 7.6 | 6,210 | |
| Farmer/farm worker | 58.8 | 56.5 - 61.2 | 27.2 | 25.3 - 29.2 | 13.9 | 12.0 - 16.1 | 3,362 | |
| Fisher | 63.0 | 43.1 - 79.3 | 18.6 | 8.5 - 36.1 | 18.4 | 9.2 - 33.5 | 58 | |
| Labor/driver/domestic help | 74.6 | 70.3 - 78.5 | 20.3 | 16.7 - 24.5 | 5.0 | 3.4 - 7.3 | 1,399 | |
| Others | 66.1 | 64.3 - 67.8 | 25.8 | 24.3 - 27.4 | 8.1 | 7.2 - 9.1 | 6,276 | |
| Residence | | | | | | | | |
| Urban | 72.6 | 71.8 - 73.3 | 19.8 | 19.1 - 20.5 | 7.6 | 7.2 - 8.1 | 40,729 | |
| Rural | 70.5 | 69.6 - 71.4 | 22.1 | 21.4 - 22.9 | 7.4 | 6.8 - 8.0 | 30,187 | |
| Economic Status | | | | | | | | |
| Lowest | 65.1 | 63.4 - 66.8 | 21.8 | 20.7 - 23.1 | 13.0 | 11.5 - 14.7 | 8,806 | |
| Lower Middle | 73.4 | 72.2 - 74.6 | 20.2 | 19.1 - 21.3 | 6.4 | 5.8 - 7.0 | 12,229 | |
| Middle | 73.1 | 71.9 - 74.3 | 21.2 | 20.1 - 22.3 | 5.7 | 5.1 - 6.4 | 15,071 | |
| Upper Middle | 74.2 | 73.0 - 75.3 | 19.9 | 18.9 - 20.9 | 5.9 | 5.3 - 6.5 | 17,281 | |
| Highest | 70.1 | 68.9 - 71.2 | 21.2 | 20.2 - 22.3 | 8.7 | 8.0 - 9.4 | 17,528 | |

* Weighted N <50

Table 12.7 Proportion of Pregnancy Risk Factors on Women aged 10-54 by Province, 2023 SKI

| Province | Risk Factors | | | | | | Weighted N | |
|----------------------|---------------------|--------------------|-------------------------|--------------------|-------------|--------------------|---------------|--|
| | Having Risk Factors | | Not Having Risk Factors | | No Record | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 8.4 | 6.8 - 10.2 | 58.4 | 54.6 - 62.0 | 33.3 | 29.7 - 37.0 | 667 | |
| North Sumatera | 7.9 | 5.9 - 10.4 | 59.1 | 54.9 - 63.1 | 33.1 | 29.4 - 37.0 | 1,290 | |
| West Sumatera | 11.3 | 9.2 - 13.8 | 55.4 | 51.6 - 59.1 | 33.3 | 30.0 - 36.8 | 880 | |
| Riau | 9.2 | 7.0 - 11.9 | 54.1 | 49.2 - 58.9 | 36.7 | 31.9 - 41.7 | 563 | |
| Jambi | 4.5 | 3.3 - 6.2 | 62.1 | 57.0 - 66.9 | 33.4 | 28.6 - 38.5 | 447 | |
| South Sumatera | 9.8 | 7.6 - 12.4 | 51.8 | 47.6 - 55.9 | 38.5 | 34.4 - 42.7 | 958 | |
| Bengkulu | 10.9 | 8.2 - 14.2 | 51.5 | 46.2 - 56.8 | 37.6 | 32.8 - 42.6 | 271 | |
| Lampung | 8.6 | 6.8 - 10.8 | 61.1 | 57.1 - 65.0 | 30.2 | 26.7 - 34.0 | 1,723 | |
| Kep. Bangka Belitung | 11.4 | 8.7 - 14.8 | 66.3 | 61.2 - 71.1 | 22.3 | 18.2 - 27.0 | 191 | |
| Kep. Riau | 6.5 | 4.3 - 9.7 | 65.4 | 57.0 - 73.0 | 28.1 | 21.1 - 36.3 | 420 | |
| DKI Jakarta | 20.3 | 16.6 - 24.5 | 57.7 | 52.9 - 62.3 | 22.1 | 18.3 - 26.4 | 1,955 | |
| Banten | 16.2 | 14.6 - 18.0 | 57.0 | 54.6 - 59.4 | 26.7 | 24.6 - 28.9 | 9,526 | |
| West Java | 19.1 | 17.5 - 20.8 | 58.2 | 56.0 - 60.3 | 22.7 | 20.8 - 24.7 | 7,660 | |
| Central Java | 27.8 | 23.7 - 32.4 | 53.3 | 48.2 - 58.4 | 18.8 | 14.8 - 23.6 | 631 | |
| DI Yogyakarta | 19.3 | 17.7 - 21.0 | 56.2 | 54.1 - 58.4 | 24.5 | 22.6 - 26.4 | 6,893 | |
| East Java | 15.3 | 12.2 - 19.2 | 60.3 | 55.1 - 65.3 | 24.3 | 20.3 - 28.9 | 2,103 | |
| Bali | 7.0 | 5.4 - 9.2 | 72.1 | 67.5 - 76.2 | 20.9 | 16.9 - 25.4 | 753 | |
| West Nusa Tenggara | 20.2 | 17.3 - 23.5 | 63.0 | 58.9 - 66.9 | 16.8 | 14.0 - 19.9 | 1,283 | |
| East Nusa Tenggara | 15.7 | 13.9 - 17.7 | 58.3 | 55.4 - 61.1 | 26.1 | 23.5 - 28.7 | 1,021 | |
| West Kalimantan | 8.1 | 6.2 - 10.6 | 64.6 | 60.4 - 68.5 | 27.3 | 23.6 - 31.3 | 859 | |
| Central Kalimantan | 8.3 | 6.5 - 10.5 | 63.4 | 58.9 - 67.7 | 28.4 | 24.4 - 32.7 | 347 | |
| South Kalimantan | 13.9 | 11.8 - 16.3 | 65.5 | 62.2 - 68.6 | 20.6 | 18.0 - 23.5 | 684 | |
| East Kalimantan | 18.8 | 15.8 - 22.2 | 61.4 | 57.2 - 65.4 | 19.8 | 16.6 - 23.5 | 754 | |
| North Kalimantan | 11.3 | 8.1 - 15.5 | 70.2 | 64.6 - 75.3 | 18.5 | 14.4 - 23.5 | 149 | |
| North Sulawesi | 9.7 | 7.4 - 12.5 | 51.0 | 46.2 - 55.8 | 39.3 | 34.9 - 43.8 | 310 | |
| Southeast Sulawesi | 12.8 | 10.5 - 15.5 | 58.1 | 54.0 - 62.1 | 29.1 | 25.4 - 33.1 | 495 | |
| Central Sulawesi | 12.3 | 10.6 - 14.3 | 54.0 | 51.1 - 56.9 | 33.7 | 30.8 - 36.7 | 1,704 | |
| South Sulawesi | 8.8 | 7.0 - 11.0 | 53.2 | 49.3 - 57.1 | 38.0 | 34.1 - 42.0 | 337 | |
| West Sulawesi | 16.5 | 12.9 - 20.9 | 64.6 | 59.1 - 69.7 | 18.9 | 14.8 - 23.9 | 234 | |
| Gorontalo | 13.0 | 9.6 - 17.3 | 49.3 | 43.8 - 54.8 | 37.7 | 32.7 - 43.0 | 276 | |
| Maluku | 8.7 | 6.0 - 12.4 | 45.1 | 38.8 - 51.4 | 46.3 | 39.9 - 52.7 | 228 | |
| North Maluku | 8.8 | 6.2 - 12.2 | 63.8 | 58.2 - 69.2 | 27.4 | 22.7 - 32.6 | 162 | |
| West Papua | 9.7 | 6.2 - 15.0 | 62.7 | 54.7 - 70.0 | 27.6 | 21.4 - 34.9 | 60 | |
| Southwest Papua | 12.2 | 7.9 - 18.6 | 63.0 | 53.7 - 71.4 | 24.7 | 18.0 - 33.0 | 75 | |
| Papua | 10.4 | 6.7 - 15.7 | 60.8 | 51.2 - 69.6 | 28.8 | 20.9 - 38.3 | 116 | |
| South Papua | 17.3 | 10.4 - 27.5 | 67.5 | 52.7 - 79.5 | 15.2 | 9.1 - 24.1 | 70 | |
| Central Papua | 12.3 | 6.9 - 20.9 | 61.9 | 50.8 - 71.8 | 25.8 | 17.9 - 35.8 | 59 | |
| Highland Papua | 8.7 | 2.2 - 28.9 | 72.7 | 52.0 - 86.8 | 18.5 | 7.3 - 39.7 | 38* | |
| INDONESIA | 15.6 | 15.0 - 16.2 | 58.1 | 57.3 - 59.0 | 26.3 | 25.5 - 27.0 | 46,191 | |

* Weighted N <50

Table 12.8 Proportion of Pregnancy Risk Factors on Women aged 10-54 by Characteristic, 2023 SKI

| Characteristic | Risk Factors | | | | | | Weighted N |
|---|---------------------|-------------|-------------------------|-------------|-----------|-------------|------------|
| | Having Risk Factors | | Not Having Risk Factors | | No Record | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | | | |
| <15 | 39.2 | 5.6 - 87.6 | 0.0 | 0.0 - 0.0 | 60.8 | 12.4 - 94.4 | 3* |
| 15-19 | 10.2 | 6.1 - 16.6 | 58.4 | 50.0 - 66.3 | 31.5 | 24.4 - 39.5 | 560 |
| 20-24 | 15.0 | 13.4 - 16.8 | 58.7 | 56.4 - 60.9 | 26.3 | 24.3 - 28.4 | 6,745 |
| 25-29 | 14.4 | 13.4 - 15.6 | 58.8 | 57.4 - 60.3 | 26.7 | 25.5 - 28.0 | 13,871 |
| 30-34 | 14.8 | 13.7 - 15.9 | 59.4 | 58.0 - 60.8 | 25.9 | 24.7 - 27.1 | 12,645 |
| 35-39 | 15.9 | 14.6 - 17.2 | 58.4 | 56.7 - 60.0 | 25.8 | 24.4 - 27.2 | 8,147 |
| 40-44 | 22.6 | 20.6 - 24.7 | 51.5 | 49.1 - 53.8 | 26.0 | 24.0 - 28.0 | 3,528 |
| 45-49 | 25.8 | 21.2 - 31.1 | 46.8 | 41.5 - 52.1 | 27.4 | 23.0 - 32.3 | 639 |
| 50-54 | 17.5 | 9.5 - 30.0 | 53.5 | 40.3 - 66.1 | 29.1 | 18.9 - 41.8 | 53 |
| Age Range (Special) | | | | | | | |
| 10 - 19 (Teenager) | 10.4 | 8.6 - 12.4 | 58.0 | 55.3 - 60.7 | 31.6 | 28.9 - 34.5 | 563 |
| 15 - 49 (Women of Reproductive Age) | 15.6 | 15.0 - 16.2 | 58.1 | 57.3 - 59.0 | 26.3 | 25.5 - 27.0 | 46,135 |
| Education | | | | | | | |
| Never attended school | 15.7 | 11.8 - 20.5 | 56.4 | 50.3 - 62.4 | 27.9 | 22.7 - 33.7 | 584 |
| Some primary school/Islamic primary school | 13.1 | 10.5 - 16.2 | 58.6 | 54.4 - 62.7 | 28.3 | 24.7 - 32.2 | 1,503 |
| Primary school graduate/Islamic primary school | 14.8 | 13.3 - 16.4 | 57.8 | 55.8 - 59.7 | 27.4 | 25.7 - 29.2 | 7,618 |
| Junior secondary school /Islamic secondary school graduate | 14.9 | 13.7 - 16.1 | 58.1 | 56.4 - 59.7 | 27.1 | 25.6 - 28.5 | 11,080 |
| Senior secondary school /Islamic senior secondary school graduate | 15.7 | 14.8 - 16.6 | 58.9 | 57.6 - 60.1 | 25.4 | 24.3 - 26.5 | 18,342 |
| D1/D2/D3/university graduate | 17.8 | 16.4 - 19.3 | 56.7 | 54.9 - 58.4 | 25.5 | 24.1 - 27.0 | 7,065 |
| Occupation | | | | | | | |
| Unemployed | 15.3 | 14.5 - 16.0 | 58.0 | 57.0 - 59.1 | 26.7 | 25.8 - 27.7 | 29,349 |
| Student | 19.5 | 12.3 - 29.6 | 53.7 | 44.8 - 62.3 | 26.8 | 19.9 - 35.0 | 252 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 14.1 | 11.8 - 16.7 | 59.0 | 55.2 - 62.7 | 26.9 | 23.6 - 30.5 | 1,268 |
| Private employee | 18.5 | 16.6 - 20.6 | 58.5 | 56.0 - 61.0 | 23.0 | 21.0 - 25.1 | 4,617 |
| Self-employed | 16.7 | 14.9 - 18.7 | 59.6 | 57.1 - 62.0 | 23.7 | 21.7 - 25.8 | 4,160 |
| Farmer/farm worker | 13.7 | 11.6 - 16.0 | 59.8 | 56.7 - 62.9 | 26.5 | 23.8 - 29.4 | 1,797 |
| Fisher | 12.1 | 3.9 - 32.2 | 38.1 | 14.4 - 69.2 | 49.8 | 21.1 - 78.7 | 33* |
| Labor/driver/domestic help | 17.5 | 13.4 - 22.4 | 56.5 | 50.8 - 62.0 | 26.0 | 21.5 - 31.1 | 948 |
| Others | 14.1 | 12.5 - 15.8 | 56.6 | 54.2 - 58.9 | 29.4 | 27.3 - 31.6 | 3,766 |
| Residence | | | | | | | |
| Urban | 16.9 | 16.2 - 17.8 | 57.8 | 56.7 - 58.9 | 25.3 | 24.3 - 26.3 | 26,860 |
| Rural | 13.7 | 12.8 - 14.6 | 58.6 | 57.3 - 59.9 | 27.7 | 26.5 - 28.8 | 19,331 |
| Economic Status | | | | | | | |
| Lowest | 12.5 | 11.2 - 13.8 | 59.5 | 57.3 - 61.5 | 28.1 | 26.3 - 30.0 | 5,210 |
| Lower Middle | 15.2 | 13.9 - 16.6 | 57.1 | 55.3 - 58.9 | 27.7 | 26.1 - 29.4 | 8,159 |
| Middle | 15.8 | 14.7 - 17.1 | 57.1 | 55.4 - 58.7 | 27.1 | 25.6 - 28.6 | 10,008 |
| Upper Middle | 16.6 | 15.4 - 17.9 | 58.7 | 57.1 - 60.3 | 24.7 | 23.4 - 26.1 | 11,650 |
| Highest | 16.1 | 14.9 - 17.3 | 58.6 | 56.9 - 60.2 | 25.4 | 23.9 - 26.8 | 11,163 |

* Weighted N <50

3. Proportion of Antenatal Care (ANC)

Operational Definition: ANC is pregnancy health services received by the mother during the pregnancy of her last child and provided by health workers, including doctors (general practitioners and/or obstetricians), midwives and nurses. The Regulation of the Minister of Health Number 21 of 2021 concerns the implementation of health services during pre-pregnancy, pregnancy, childbirth and the post-natal period, contraceptive services and sexual health services.

a. Proportion of ANC K1 (ANC Access)

Health services received during the pregnancy of the last child by health workers, at least once without taking into account the examination period.

Proportion of ANC K1 =

$$\frac{\text{Number of ever-married women aged 10-54 years who received pregnancy examination services by health workers}}{\text{Number of ever-married women aged 10-54 years who gave birth to their last child in the period of 1 January 1 to the time of the interview}} \times 100\%$$

b. Proportion of pure ANC K1

Health services received during the last child's pregnancy by health workers, and the first pregnancy examination is carried out during the first trimester of pregnancy.

Proportion of pure ANC K1=

$$\frac{\text{Number of women aged 10-54 years who received their last child pregnancy check-up service by a health worker and are first checked during the first trimester of pregnancy}}{\text{Number of women aged 10-54 years who gave birth to their last child in the period 1 January 2018 to the time of the interview and received ANC (K1) services during pregnancy}} \times 100\%$$

c. Proportion of ANC K4

Pregnancy health check services by health workers with ANC frequency during the pregnancy of the last child at least 4 times according to the criteria, namely at least 1 time during the first trimester of pregnancy, 1 time in the second trimester and 2 times in the third trimester.

Proportion of ANC K4 =

$$\frac{\text{The number of women aged 10-54 years who received pregnancy check-up services by health workers with ANC frequency during the last pregnancy of at least 4 times according to the minimum criteria 1-1-2}}{\text{Number of women aged 10-54 years who gave birth to their last child in the period January 1 2018 to the time of the interview}} \times 100\%$$

d. Proportion ANC K6

Pregnant women contact with health workers who have clinical/midwifery competence to obtain integrated and comprehensive antenatal services according to standards during their pregnancy at least 6 times during their pregnancy with the time distribution: 1 time in the first trimester (0-12 weeks), 2 times in the second trimester (>12 weeks - 24 weeks), and 3 times in the third trimester (>24 weeks until birth), where at least 2 times pregnant women must contact a doctor (1 time in the 1st trimester and 1 time in the 3rd trimester).

Proportion of ANC K6 =

The number of women aged 10-54 years who received pregnancy check-up services by health workers with a frequency of ANC during the last pregnancy of at least 6 times according to the minimum criteria 1-2-3

X 100%

Number of women aged 10-54 years who gave birth to their last child in the period January 1 2022 to the time of the interview

Table 12.9 Proportion of Antenatal Care (K1, Pure K1, K4, and K6) on Women Aged 10-54 Who Have Ever Being Pregnant by Province, 2023 SKI

| Province | ANC K1 | | K1 Murni | | ANC (K4) | | ANC (K6)* | |
|--------------------|-------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|
| | % | N | % | N | % | N | % | N |
| Aceh | 95.6 | 1.472 | 88.5 | 1.387 | 58.0 | 1.472 | 14.7 | 441 |
| North Sumatera | 92.8 | 3.439 | 87.5 | 3.142 | 57.3 | 3.439 | 11.1 | 1,184 |
| West Sumatera | 97.7 | 1.565 | 90.7 | 1.505 | 71.8 | 1.565 | 19.2 | 539 |
| Riau | 95.0 | 1.684 | 88.0 | 1.575 | 55.5 | 1.684 | 15.6 | 555 |
| Jambi | 95.9 | 751 | 91.3 | 710 | 67.5 | 751 | 15.7 | 206 |
| South Sumatera | 96.5 | 2.021 | 85.8 | 1.921 | 57.9 | 2.021 | 13.1 | 618 |
| Bengkulu | 97.2 | 479 | 86.8 | 459 | 66.8 | 479 | 17.9 | 143 |
| Lampung | 97.6 | 2.473 | 89.2 | 2.377 | 71.2 | 2.473 | 15.3 | 752 |
| Bangka Belitung | 97.4 | 307 | 88.3 | 294 | 63.7 | 307 | 19.4 | 86 |
| Riau Islands | 97.3 | 647 | 89.7 | 620 | 71.8 | 647 | 22.5 | 224 |
| DKI Jakarta | 99.5 | 2.581 | 89.6 | 2.529 | 74.0 | 2.581 | 27.6 | 891 |
| West Java | 98.4 | 14.340 | 86.4 | 13.901 | 74.2 | 14.340 | 15.7 | 4,654 |
| Central Java | 98.9 | 9.571 | 89.3 | 9.322 | 77.7 | 9.571 | 25.2 | 3,041 |
| DI Yogyakarta | 99.2 | 743 | 89.3 | 726 | 79.8 | 743 | 39.4 | 222 |
| East Java | 98.1 | 9.136 | 88.2 | 8.832 | 75.9 | 9.136 | 20.6 | 2,781 |
| Banten | 97.0 | 3.331 | 87.1 | 3.182 | 67.1 | 3.331 | 13.2 | 997 |
| Bali | 99.6 | 988 | 94.8 | 970 | 90.0 | 988 | 65.3 | 357 |
| West Nusa Tenggara | 99.0 | 1.718 | 89.1 | 1.676 | 71.8 | 1.718 | 13.2 | 599 |
| East Nusa Tenggara | 96.2 | 1.616 | 82.5 | 1.532 | 55.4 | 1.616 | 7.2 | 606 |
| West Kalimantan | 94.9 | 1.330 | 84.5 | 1.243 | 52.1 | 1.330 | 11.1 | 384 |
| Central Kalimantan | 92.2 | 605 | 83.7 | 550 | 61.2 | 605 | 12.6 | 197 |
| South Kalimantan | 97.4 | 978 | 85.6 | 938 | 69.2 | 978 | 13.7 | 297 |
| East Kalimantan | 98.4 | 1.042 | 89.0 | 1.010 | 68.7 | 1.042 | 25.6 | 356 |
| North Kalimantan | 98.8 | 219 | 87.1 | 214 | 68.0 | 219 | 17.8 | 82 |
| North Sulawesi | 96.8 | 545 | 75.5 | 520 | 56.0 | 545 | 19.3 | 194 |
| Central Sulawesi | 95.5 | 821 | 76.6 | 773 | 51.3 | 821 | 7.0 | 312 |
| South Sulawesi | 96.9 | 2.668 | 83.6 | 2.545 | 53.8 | 2.668 | 8.1 | 939 |
| Southeast Sulawesi | 94.2 | 746 | 71.1 | 692 | 44.3 | 746 | 10.7 | 264 |
| Gorontalo | 96.5 | 323 | 70.6 | 307 | 53.8 | 323 | 20.6 | 124 |
| West Sulawesi | 95.3 | 431 | 84.3 | 405 | 48.7 | 431 | 4.7 | 160 |
| Maluku | 87.2 | 522 | 74.4 | 449 | 35.4 | 522 | 4.2 | 197 |
| North Maluku | 90.6 | 349 | 81.9 | 312 | 36.6 | 349 | 4.1 | 113 |
| West Papua | 86.7 | 153 | 71.6 | 131 | 40.6 | 153 | 5.6 | 64 |
| Southwest Papua | 86.0 | 205 | 70.8 | 174 | 38.8 | 205 | 10.3 | 82 |
| Papua | 87.0 | 240 | 81.2 | 206 | 38.0 | 240 | 8.2 | 89 |
| South Papua | 81.1 | 155 | 72.4 | 124 | 38.4 | 155 | 5.1 | 49 |
| Central Papua | 63.6 | 381 | 42.2 | 239 | 13.9 | 381 | 4.6 | 95 |
| Highland Papua | 58.7 | 339 | 54.9 | 196 | 20.1 | 339 | 9.5 | 114 |
| INDONESIA | 96.9 | 70.916 | 86.7 | 67.685 | 68.1 | 70.916 | 17.6 | 23,007 |

* ANC K6 is a pregnancy health service provided by health workers at least six times according to the minimum criteria 1-2-3, namely at least once in the first trimester, 2 times in the second trimester and 3 times in the third trimester for women aged 10-54 years who give birth. In January 2022 until the interview, pregnant women must contact a doctor at least 2 times (1 time in the first trimester and 1 time in the third trimester) including an USG check. Note: Implementation of K6 just started in 2021

Table 12.10 Proportion of Antenatal Care (K1, Pure K1, K4, and K6) on Women Aged 10-54 Who Have Ever Being Pregnant by Characteristic, 2023 SKI

| Characteristic | ANC | | K1 Pure | | ANC K4 | | ANC K6** | |
|---|------|--------|---------|--------|--------|--------|----------|--------|
| | % | N | % | N | % | N | % | N |
| Age Range (Year) | | | | | | | | |
| <15 | 96.7 | 4* | 50.4 | 4* | 41.8 | 4* | 4.8 | 4* |
| 15-19 | 93.2 | 853 | 60.6 | 783 | 40.2 | 853 | 13.4 | 546 |
| 20-24 | 95.9 | 9,851 | 84.5 | 9,308 | 66.1 | 9,851 | 20.2 | 4,194 |
| 25-29 | 97.8 | 20,434 | 88.5 | 19,677 | 71.0 | 20,434 | 20.0 | 7,214 |
| 30-34 | 97.5 | 19,354 | 88.4 | 18,579 | 70.2 | 19,354 | 16.7 | 6,183 |
| 35-39 | 96.9 | 13,042 | 86.6 | 12,449 | 67.2 | 13,042 | 15.1 | 3,476 |
| 40-44 | 96.2 | 5,959 | 83.8 | 5,647 | 65.1 | 5,959 | 6.5 | 1,240 |
| 45-49 | 89.5 | 1,276 | 79.2 | 1,124 | 49.7 | 1,276 | 1.1 | 137 |
| 50-54 | 79.7 | 143 | 78.3 | 113 | 47.6 | 143 | 4.8 | 14* |
| Age Range (Special) | | | | | | | | |
| 10 - 19 (Teenager) | 93.2 | 857 | 60.5 | 787 | 40.2 | 609 | 4.8 | 550 |
| 15 - 49 (Women of Reproductive Age) | 96.9 | 70,769 | 86.7 | 67,567 | 68.1 | 70,649 | 17.7 | 21,874 |
| Education | | | | | | | | |
| Never attended school | 85.1 | 1,171 | 74.7 | 981 | 45.2 | 1,171 | 5.1 | 391 |
| Some primary school/Islamic primary school | 92.1 | 2,586 | 80.3 | 2,346 | 54.8 | 2,586 | 7.1 | 810 |
| Primary school graduate/Islamic primary school | 95.7 | 11,827 | 82.6 | 11,153 | 61.2 | 11,827 | 6.7 | 3,558 |
| Junior secondary school /Islamic secondary school graduate | 97.1 | 16,324 | 85.2 | 15,612 | 68.0 | 16,324 | 11.1 | 5,183 |
| Senior secondary school /Islamic senior secondary school graduate | 97.5 | 27,898 | 88.1 | 26,792 | 70.2 | 27,898 | 18.9 | 9,268 |
| D1/D2/D3/university graduate | 98.7 | 11,110 | 91.9 | 10,801 | 75.5 | 11,110 | 37.5 | 3,795 |
| Occupation | | | | | | | | |
| Unemployed | 97.2 | 44,394 | 85.9 | 42,493 | 67.5 | 44,394 | 14.2 | 14,982 |
| Student | 95.0 | 404 | 83.3 | 378 | 64.5 | 404 | 15.5 | 181 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 98.4 | 2,098 | 92.4 | 2,035 | 75.2 | 2,098 | 40.8 | 659 |
| Private employee | 98.4 | 6,715 | 92.0 | 6,509 | 76.8 | 6,715 | 37.0 | 2,093 |
| Self-employed | 97.5 | 6,210 | 88.2 | 5,964 | 72.6 | 6,210 | 23.1 | 1,854 |
| Farmer/farm worker | 89.4 | 3,362 | 81.9 | 2,960 | 53.8 | 3,362 | 6.4 | 905 |
| Fisher | 83.0 | 58 | 94.5 | 47 | 68.1 | 58 | 22.3 | 16* |
| Labor/driver/domestic help | 98.2 | 1,399 | 87.7 | 1,353 | 70.5 | 1,399 | 20.7 | 342 |
| Others | 96.2 | 6,276 | 85.7 | 5,945 | 63.0 | 6,276 | 15.3 | 1,974 |
| Residence | | | | | | | | |
| Urban | 97.7 | 40,729 | 87.9 | 39,215 | 71.2 | 40,729 | 21.6 | 13,248 |
| Rural | 95.7 | 30,187 | 85.0 | 28,470 | 63.9 | 30,187 | 12.3 | 9,759 |
| Economic Status | | | | | | | | |
| Lowest | 91.2 | 8,806 | 78.6 | 7,915 | 52.7 | 8,806 | 4.3 | 2,762 |
| Lower Middle | 96.8 | 12,229 | 83.6 | 11,662 | 63.6 | 12,229 | 9.5 | 3,867 |
| Middle | 97.4 | 15,071 | 85.6 | 14,459 | 67.2 | 15,071 | 11.7 | 4,948 |
| Upper Middle | 97.7 | 17,281 | 89.0 | 16,634 | 72.2 | 17,281 | 17.8 | 5,683 |
| Highest | 98.5 | 17,528 | 91.2 | 17,015 | 75.7 | 17,528 | 34.5 | 5,747 |

* Weighted N <50

** ANC K6 is a pregnancy health service provided by health workers at least six times according to the minimum criteria 1-2-3, namely at least once in the first trimester, 2 times in the second trimester and 3 times in the third trimester for women aged 10-54 years who give birth. In January 2022 until the interview, pregnant women must contact a doctor at least 2 times (1 time in the first trimester and 1 time in the third trimester) including an USG check. Note: Implementation of K6 just started in 2021

4. Proportion of Antenatal Service (ANC) Providers

Operational Definition: ANC service providers are health workers carrying out pregnancy checks, including obstetricians and gynecologists, general practitioners, midwives and nurses.

Proportion of ANC service providers during pregnancy=

Number of women aged 10-54 years who received prenatal care services for their last child by a health worker during pregnancy according to the type of health worker providing the service

X 100%

Number of women aged 10-54 years who gave birth to their last child in the period 1 January 2018 to the time of interview, who received ANC services

5. Proportion of types of antenatal care workers during 1st trimester (K1) antenatal care.

ANC service providers in the first trimester of pregnancy are health workers who carry out the first trimester pregnancy checks, including obstetricians and gynecologists, general practitioners, midwives and nurses.

Proportion of ANC service providers in TM 1 =

Number of women aged 10-54 years who received antenatal care services for their last child by health workers according to the type of health worker providing services at TM 1

X 100%

Number of women aged 10-54 years who gave birth to their last child in the period 1 January 2018 to the time of this interview, who received ANC services at TM 1 (pure K1)

6. Proportion of health workers providing USG

Personnel providing USG services are health workers carrying out USG examinations, including obstetricians and gynecologists, general practitioners, midwives, and nurses (other health workers).

Proportion of USG service provider =

Number of health workers who provide USG examination services during the last pregnancy

X 100%

Number of health workers providing USG services

7. Proportion of Antenatal service (ANC) place

Places where pregnant women receive ANC services include Government/Private Hospitals, Maternity Homes/Clinics, Public Health Centers, Sub-Public Health Centers, Doctor/Midwife Clinics, Village Birthing Hut/Village Health Post, Pre and Post Natal Health Care, and homes.

$$\text{Proportion of ANC Service Place} = \frac{\text{Number of ANC service places used by women aged 10-54 years during their last pregnancy}}{\text{Number of ANC service places used by women aged 10-54 years}} \times 100\%$$

8. Proportion of Antenatal Service Component (ANC)

Types of health examinations received by mothers at antenatal care (ANC) include measuring height, weight, blood pressure, fetal heart rate, fundal/uterine height, determining fetal position, measuring upper arm circumference (LILA), giving tetanus toxoid (TT) immunization, giving blood supplement tablets (TTD), HIV testing, syphilis testing, hepatitis B testing, blood type testing, random blood glucose testing, blood Hb testing, urine protein testing, counseling, postpartum family planning counseling, and case management.

Proportion of ANC Service Component =

$$\frac{\text{Number of women aged 10-54 years who received their last child pregnancy check-up service by health workers according to the type of ANC component received}}{\text{Number of women aged 10-54 years who gave birth to their last child in the period 1 January 2018 to the time of the interview, who received ANC services}} \times 100\%$$

9. Proportion of complete ANC examinations (10T) in women aged 10-54 years who have been pregnant in the last 5 years

Types of health examinations received by mothers in antenatal care (ANC) including 10 T, namely measuring height, weight, blood pressure, fetal heart rate, fundal/uterine height, determining fetal position, measuring upper arm circumference (LILA), giving tetanus toxoid (TT) immunization, giving blood supplement tablets (TTD), HIV testing, syphilis testing, hepatitis B testing, blood Hb testing, providing counseling, and case management

Proportion of complete ANC examination (10 T) =

$$\frac{\text{The number of women aged 10-54 years who received their last child pregnancy check-up service by health workers according to the accepted ANC component standards (10T)}}{\text{Number of women aged 10-54 years who gave birth to their last child in the period 1 January 2018 to the time of the interview, who received ANC services}} \times 100\%$$

Table 12.11 ANC Service Providers during Pregnancy for Women Aged 10-54 Years Who Have Given Birth by Province, 2023 SKI

| Province | ANC Service Providers (%) | | | | | Weighted N |
|--------------------|-----------------------------|------------|-------------|-----------------------------------|---------------|------------|
| | Obstetrician & Gynecologist | Doctor | Midwife | Other Health Workers ¹ | | |
| Aceh | 28.4 | 0.7 | 70.5 | 0.3 | 1,387 | |
| North Sumatera | 23.9 | 1.2 | 74.4 | 0.5 | 3,142 | |
| West Sumatera | 23.4 | 1.5 | 74.8 | 0.3 | 1,505 | |
| Riau | 31.5 | 2.7 | 65.5 | 0.2 | 1,575 | |
| Jambi | 19.5 | 1.5 | 78.4 | 0.5 | 710 | |
| South Sumatera | 21.0 | 1.4 | 77.2 | 0.4 | 1,921 | |
| Bengkulu | 19.6 | 0.6 | 79.0 | 0.8 | 459 | |
| Lampung | 13.8 | 1.4 | 84.1 | 0.7 | 2,377 | |
| Bangka Belitung | 33.0 | 0.6 | 66.1 | 0.4 | 294 | |
| Riau Islands | 36.1 | 0.6 | 62.6 | 0.7 | 620 | |
| DKI Jakarta | 32.8 | 0.6 | 66.6 | 0.0 | 2,529 | |
| West Java | 18.4 | 1.4 | 79.9 | 0.3 | 13,901 | |
| Central Java | 20.7 | 0.5 | 77.5 | 1.3 | 9,322 | |
| DI Yogyakarta | 41.7 | 0.2 | 58.0 | 0.2 | 726 | |
| East Java | 20.6 | 1.0 | 78.2 | 0.2 | 8,832 | |
| Banten | 17.1 | 0.6 | 82.1 | 0.3 | 3,182 | |
| Bali | 53.2 | 1.1 | 45.4 | 0.3 | 970 | |
| West Nusa Tenggara | 15.3 | 0.6 | 84.0 | 0.1 | 1,676 | |
| East Nusa Tenggara | 13.8 | 1.9 | 83.8 | 0.4 | 1,532 | |
| West Kalimantan | 16.4 | 1.5 | 81.6 | 0.5 | 1,243 | |
| Central Kalimantan | 16.9 | 0.9 | 81.5 | 0.7 | 550 | |
| South Kalimantan | 16.2 | 0.4 | 82.6 | 0.8 | 938 | |
| East Kalimantan | 45.2 | 1.8 | 52.5 | 0.5 | 1,010 | |
| North Kalimantan | 24.1 | 1.2 | 73.6 | 1.0 | 214 | |
| North Sulawesi | 40.0 | 1.1 | 57.4 | 1.5 | 520 | |
| Central Sulawesi | 15.8 | 1.9 | 81.8 | 0.5 | 773 | |
| South Sulawesi | 23.1 | 1.4 | 75.3 | 0.3 | 2,545 | |
| Southeast Sulawesi | 19.7 | 1.1 | 78.8 | 0.5 | 692 | |
| Gorontalo | 27.0 | 0.8 | 71.9 | 0.4 | 307 | |
| West Sulawesi | 9.4 | 2.1 | 87.9 | 0.7 | 405 | |
| Maluku | 14.2 | 2.4 | 82.2 | 1.2 | 449 | |
| North Maluku | 18.9 | 1.7 | 78.5 | 0.9 | 312 | |
| West Papua | 14.5 | 1.2 | 83.9 | 0.4 | 131 | |
| Southwest Papua | 43.4 | 0.8 | 54.5 | 1.3 | 174 | |
| Papua | 33.5 | 3.0 | 62.6 | 0.9 | 206 | |
| South Papua | 12.3 | 1.8 | 84.9 | 1.0 | 124 | |
| Central Papua | 21.5 | 5.4 | 71.5 | 1.6 | 239 | |
| Highland Papua | 9.1 | 3.7 | 87.2 | 0.0 | 196 | |
| INDONESIA | 21.8 | 1.1 | 76.6 | 0.5 | 67,685 | |

¹Other health workers mean nurses

Table 12.12 ANC Service Providers during Pregnancy for Women Aged 10-54 Years Who Have Given Birth by Characteristic, 2023 SKI

| Characteristic | ANC Service Providers (%) | | | | Weighted N |
|---|-------------------------------|----------------------|---------|-----------------------------------|------------|
| | Obstetrician and Gynecologist | General Practitioner | Midwife | Other Health Workers ¹ | |
| Age Range (Year) | | | | | |
| 10 – 14 | 49.6 | 0.0 | 50.4 | 0.0 | 4* |
| 15 – 19 | 8.8 | 1.8 | 89.2 | 0.2 | 783 |
| 20 – 24 | 13.1 | 1.5 | 84.9 | 0.5 | 9,308 |
| 25 – 29 | 22.1 | 1.1 | 76.4 | 0.5 | 19,677 |
| 30 – 34 | 24.3 | 1.1 | 74.2 | 0.5 | 18,579 |
| 35 – 39 | 23.8 | 0.9 | 74.8 | 0.5 | 12,449 |
| 40 – 44 | 24.0 | 1.4 | 74.0 | 0.5 | 5,647 |
| 45 – 49 | 23.7 | 1.3 | 74.1 | 0.8 | 1,124 |
| 50 – 54 | 18.2 | 3.4 | 78.2 | 0.2 | 113 |
| Age Range (Special) | | | | | |
| 10 - 19 (Teenager) | 9.0 | 1.8 | 89.0 | 0.2 | 787 |
| 15 - 49 (Women of Reproductive Age) | 21.8 | 1.1 | 76.0 | 0.5 | 67,567 |
| Education | | | | | |
| Never attended school | 8.9 | 2.4 | 87.8 | 0.9 | 981 |
| Some primary school/Islamic primary school | 9.9 | 1.7 | 88.1 | 0.3 | 2,346 |
| Primary school graduate/Islamic primary school | 9.1 | 1.3 | 88.9 | 0.8 | 11,153 |
| Junior secondary school /Islamic secondary school graduate | 12.8 | 1.3 | 85.3 | 0.6 | 15,612 |
| Senior secondary school /Islamic senior secondary school graduate | 23.0 | 1.0 | 75.6 | 0.4 | 26,792 |
| D1/D2/D3/university graduate | 48.6 | 0.9 | 50.2 | 0.3 | 10,801 |
| Occupation | | | | | |
| Unemployed | 18.4 | 1.0 | 80.1 | 0.5 | 42,493 |
| Student | 30.1 | 0.8 | 68.0 | 1.1 | 378 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 48.9 | 0.8 | 50.2 | 0.2 | 2,035 |
| Private employee | 39.9 | 0.9 | 59.0 | 0.2 | 6,509 |
| Self-employed | 25.5 | 0.8 | 73.4 | 0.3 | 5,964 |
| Farmer/farm worker | 9.5 | 2.1 | 87.9 | 0.5 | 2,960 |
| Fisher | 18.1 | 0.5 | 81.3 | 0.2 | 47* |
| Labor/driver/domestic help | 14.7 | 2.0 | 82.2 | 1.1 | 1,353 |
| Others | 20.6 | 2.0 | 76.6 | 0.8 | 5,945 |
| Residence | | | | | |
| Urban | 27.9 | 1.0 | 70.7 | 0.4 | 39,215 |
| Rural | 13.4 | 1.4 | 84.7 | 0.6 | 28,470 |
| Economic Status | | | | | |
| Lowest | 6.5 | 1.9 | 91.0 | 0.6 | 7,915 |
| Lower Middle | 10.3 | 1.2 | 87.9 | 0.6 | 11,662 |
| Middle | 14.3 | 1.0 | 84.0 | 0.6 | 14,459 |
| Upper Middle | 20.7 | 1.2 | 77.7 | 0.4 | 16,634 |
| Highest | 44.2 | 0.8 | 54.7 | 0.3 | 17,015 |

¹Other health workers are nurses

* Weighted N <50

Table 12.13 Proportion of ANC Service Providers during the First Trimester among Women Aged 10-54 Who Have Given Birth by Province, 2023 SKI

| Province | ANC Service Providers (%) | | | Weighted N | |
|--------------------|-------------------------------|------------|-------------|------------|---------------|
| | Obstetrician and Gynecologist | Doctor | Midwife | | |
| Aceh | 32.0 | 0.6 | 67.0 | 0.4 | 1,204 |
| North Sumatera | 26.9 | 1.4 | 71.3 | 0.5 | 2,697 |
| West Sumatera | 28.3 | 2.1 | 69.5 | 0.2 | 1,339 |
| Riau | 33.7 | 2.3 | 63.8 | 0.2 | 1,360 |
| Jambi | 26.8 | 1.9 | 71.0 | 0.3 | 636 |
| South Sumatera | 23.0 | 1.4 | 75.2 | 0.4 | 1,616 |
| Bengkulu | 25.9 | 0.9 | 72.7 | 0.5 | 390 |
| Lampung | 16.0 | 1.7 | 81.5 | 0.8 | 2,079 |
| Bangka Belitung | 36.7 | 1.0 | 61.9 | 0.5 | 255 |
| Riau Islands | 40.4 | 0.8 | 58.1 | 0.8 | 545 |
| DKI Jakarta | 33.6 | 0.7 | 65.7 | 0.0 | 2,221 |
| West Java | 19.8 | 1.3 | 78.7 | 0.2 | 11,784 |
| Central Java | 23.4 | 0.9 | 74.5 | 1.1 | 8,160 |
| DI Yogyakarta | 40.3 | 2.7 | 56.8 | 0.2 | 637 |
| East Java | 23.2 | 1.7 | 75.0 | 0.2 | 7,641 |
| Banten | 19.4 | 0.8 | 79.6 | 0.2 | 2,718 |
| Bali | 59.7 | 0.7 | 39.4 | 0.3 | 902 |
| West Nusa Tenggara | 18.2 | 0.8 | 80.4 | 0.5 | 1,464 |
| East Nusa Tenggara | 15.9 | 2.5 | 81.3 | 0.4 | 1,239 |
| West Kalimantan | 18.9 | 1.5 | 79.0 | 0.6 | 1,030 |
| Central Kalimantan | 20.3 | 1.2 | 77.8 | 0.8 | 451 |
| South Kalimantan | 19.7 | 0.5 | 79.4 | 0.4 | 788 |
| East Kalimantan | 46.6 | 1.6 | 51.4 | 0.4 | 882 |
| North Kalimantan | 29.2 | 1.4 | 69.0 | 0.4 | 183 |
| North Sulawesi | 47.2 | 1.1 | 50.2 | 1.5 | 385 |
| Central Sulawesi | 17.8 | 1.7 | 80.1 | 0.5 | 580 |
| South Sulawesi | 25.4 | 2.3 | 72.2 | 0.1 | 2,087 |
| Southeast Sulawesi | 26.0 | 1.1 | 72.4 | 0.5 | 483 |
| Gorontalo | 35.5 | 1.3 | 62.8 | 0.3 | 213 |
| West Sulawesi | 11.2 | 2.9 | 85.9 | 0.1 | 334 |
| Maluku | 15.0 | 3.2 | 80.7 | 1.2 | 328 |
| North Maluku | 19.2 | 2.3 | 77.6 | 0.8 | 250 |
| West Papua | 17.7 | 2.1 | 79.6 | 0.6 | 92 |
| Southwest Papua | 50.0 | 1.2 | 47.9 | 0.9 | 121 |
| Papua | 40.2 | 3.3 | 55.5 | 1.0 | 164 |
| South Papua | 15.2 | 3.6 | 80.0 | 1.3 | 88 |
| Central Papua | 42.7 | 5.8 | 49.8 | 1.7 | 99 |
| Highland Papua | 25.1 | 3.7 | 71.2 | 0.0 | 106 |
| INDONESIA | 24.4 | 1.4 | 73.7 | 0.4 | 57,547 |

¹Other health workers are nurses

Table 12.14 Proportion of ANC Service Providers during the First Trimester among Women Aged 10-54 Who Have Given Birth by Characteristic, 2023 SKI

| Characteristic | ANC Service Providers (%) | | | | Weighted N |
|---|-------------------------------|----------------------|---------|-----------------------------------|------------|
| | Obstetrician and Gynecologist | General Practitioner | Midwife | Other Health Workers ¹ | |
| Age Range (Year) | | | | | |
| 10 – 14 | 0.0 | 0.0 | 0.0 | 0.0 | 2* |
| 15 – 19 | 12.1 | 1.1 | 85.4 | 1.4 | 465 |
| 20 – 24 | 16.1 | 1.6 | 81.9 | 0.5 | 7,712 |
| 25 – 29 | 24.9 | 1.3 | 73.4 | 0.4 | 17,088 |
| 30 – 34 | 26.3 | 1.4 | 71.9 | 0.4 | 16,109 |
| 35 – 39 | 26.5 | 1.3 | 71.7 | 0.5 | 10,570 |
| 40 – 44 | 26.3 | 1.5 | 71.7 | 0.5 | 4,641 |
| 45 – 49 | 26.8 | 1.8 | 70.6 | 0.8 | 873 |
| 50 – 54 | 16.9 | 3.9 | 79.2 | 0.0 | 86 |
| Age Range (Special) | | | | | |
| 10 - 19 (Teenager) | 12.1 | 1.1 | 85.4 | 1.4 | 467 |
| 15 - 49 (Women of Reproductive Age) | 24.4 | 1.4 | 73.7 | 0.4 | 57,458 |
| Education | | | | | |
| Never attended school | 9.3 | 3.8 | 85.1 | 1.8 | 719 |
| Some primary school/Islamic primary school | 13.3 | 1.6 | 84.9 | 0.2 | 1,849 |
| Primary school graduate/Islamic primary school | 10.8 | 1.6 | 86.9 | 0.7 | 9,038 |
| Junior secondary school /Islamic secondary school graduate | 14.6 | 1.6 | 83.3 | 0.5 | 13,051 |
| Senior secondary school /Islamic senior secondary school graduate | 25.2 | 1.3 | 73.1 | 0.4 | 23,153 |
| D1/D2/D3/university graduate | 51.6 | 1.0 | 47.1 | 0.2 | 9,737 |
| Occupation | | | | | |
| Unemployed | 20.7 | 1.4 | 77.5 | 0.4 | 35,779 |
| Student | 30.0 | 0.6 | 68.6 | 0.9 | 309 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 52.9 | 0.8 | 46.2 | 0.1 | 1,843 |
| Private employee | 42.9 | 0.9 | 55.9 | 0.2 | 5,870 |
| Self-employed | 28.6 | 1.3 | 69.8 | 0.3 | 5,162 |
| Farmer/farm worker | 11.5 | 1.9 | 86.1 | 0.6 | 2,377 |
| Fisher | 19.1 | 0.5 | 80.2 | 0.2 | 44* |
| Labor/driver/domestic help | 15.1 | 2.0 | 82.3 | 0.7 | 1,164 |
| Others | 22.5 | 2.1 | 74.7 | 0.7 | 4,999 |
| Residence | | | | | |
| Urban | 30.3 | 1.3 | 68.1 | 0.3 | 33,813 |
| Rural | 16.1 | 1.6 | 81.7 | 0.6 | 23,734 |
| Economic Status | | | | | |
| Lowest | 8.4 | 2.3 | 88.8 | 0.5 | 6,101 |
| Lower Middle | 12.4 | 1.7 | 85.3 | 0.6 | 9,564 |
| Middle | 16.2 | 1.5 | 81.7 | 0.6 | 12,141 |
| Upper Middle | 22.8 | 1.3 | 75.6 | 0.3 | 14,520 |
| Highest | 46.5 | 0.9 | 52.3 | 0.2 | 15,221 |

¹Other health workers are nurses

* Weighted N<50

Table 12.15 Proportion of USG Service Providers during Pregnancy to Women Aged 10-54 Years Who Have Given Birth by Province, 2023 SKI

| Province | USG Service Providers (%) | | | | |
|--------------------|-------------------------------|----------------------|-------------|-----------------------------------|---------------|
| | Obstetrician and Gynecologist | General Practitioner | Midwife | Other Health Workers ¹ | Weighted N |
| Aceh | 85.3 | 2.6 | 24.0 | 0.0 | 1,136 |
| North Sumatera | 85.3 | 2.7 | 18.6 | 0.5 | 2,144 |
| West Sumatera | 91.0 | 5.5 | 9.9 | 0.1 | 992 |
| Riau | 83.1 | 6.0 | 16.3 | 0.3 | 1,172 |
| Jambi | 91.1 | 4.2 | 10.6 | 0.4 | 492 |
| South Sumatera | 79.6 | 5.1 | 21.4 | 0.3 | 1,200 |
| Bengkulu | 84.2 | 4.6 | 21.2 | 0.0 | 344 |
| Lampung | 79.3 | 7.8 | 19.8 | 0.3 | 1,492 |
| Bangka Belitung | 90.8 | 2.1 | 13.5 | 0.2 | 235 |
| Riau Islands | 90.9 | 2.6 | 11.4 | 0.6 | 537 |
| DKI Jakarta | 72.7 | 1.5 | 32.7 | 0.2 | 2,284 |
| West Java | 71.9 | 9.1 | 29.5 | 0.3 | 10,773 |
| Central Java | 89.6 | 3.8 | 12.6 | 0.4 | 7,773 |
| DI Yogyakarta | 86.8 | 7.1 | 22.5 | 0.6 | 655 |
| East Java | 90.1 | 4.4 | 12.3 | 0.2 | 6,797 |
| Banten | 71.6 | 7.8 | 29.6 | 0.2 | 2,339 |
| Bali | 98.1 | 1.1 | 2.5 | 0.8 | 906 |
| West Nusa Tenggara | 92.9 | 4.4 | 8.9 | 0.0 | 1,240 |
| East Nusa Tenggara | 88.9 | 6.9 | 10.0 | 0.3 | 953 |
| West Kalimantan | 74.6 | 4.5 | 27.8 | 0.2 | 846 |
| Central Kalimantan | 87.4 | 3.3 | 14.7 | 0.4 | 317 |
| South Kalimantan | 90.9 | 1.5 | 12.6 | 0.1 | 698 |
| East Kalimantan | 93.4 | 3.2 | 15.5 | 0.1 | 886 |
| North Kalimantan | 91.2 | 5.7 | 10.2 | 0.0 | 168 |
| North Sulawesi | 91.3 | 2.0 | 14.6 | 0.1 | 394 |
| Central Sulawesi | 83.7 | 12.4 | 7.4 | 0.4 | 482 |
| South Sulawesi | 88.0 | 4.1 | 16.2 | 0.6 | 1,912 |
| Southeast Sulawesi | 89.8 | 7.7 | 7.9 | 0.1 | 392 |
| Gorontalo | 94.9 | 3.1 | 5.7 | 0.3 | 230 |
| West Sulawesi | 81.5 | 15.3 | 10.0 | 0.1 | 211 |
| Maluku | 80.8 | 7.1 | 17.5 | 0.1 | 187 |
| North Maluku | 84.9 | 12.8 | 12.4 | 0.7 | 158 |
| Papua | 91.2 | 1.1 | 14.0 | 0.2 | 86 |
| South Papua | 94.9 | 2.0 | 8.7 | 0.3 | 110 |
| Central Papua | 82.1 | 7.0 | 19.3 | 0.9 | 124 |
| Highland Papua | 82.2 | 6.7 | 16.5 | 1.1 | 55 |
| West Papua | 55.4 | 4.1 | 44.8 | 0.7 | 160 |
| Southwest Papua | 96.6 | 2.6 | 4.8 | 0.0 | 61 |
| INDONESIA | 83.1 | 5.5 | 19.1 | 0.3 | 50,961 |

¹Other health workers are nurses

Table 12.16 Proportion of USG Service Providers during Pregnancy to Women Aged 10-54 Years Who Have Given Birth by Characteristic, 2023 SKI

| Characteristics | USG Service Providers (%) | | | | Weighted N |
|---|-------------------------------|----------------------|---------|-----------------------------------|------------|
| | Obstetrician and Gynecologist | General Practitioner | Midwife | Other Health Workers ¹ | |
| Age Range (Year) | | | | | |
| 10 – 14 | 100.0 | 0.0 | 0.0 | 0.6 | 3* |
| 15 – 19 | 65.2 | 0.0 | 34.8 | 0.3 | 504 |
| 20 – 24 | 80.5 | 6.4 | 19.0 | 0.3 | 6,682 |
| 25 – 29 | 84.0 | 7.9 | 18.7 | 0.3 | 15,244 |
| 30 – 34 | 84.0 | 5.3 | 18.9 | 0.3 | 14,245 |
| 35 – 39 | 83.4 | 5.2 | 19.0 | 0.3 | 9,356 |
| 40 – 44 | 83.9 | 4.6 | 18.4 | 0.0 | 4,096 |
| 45 – 49 | 79.9 | 4.9 | 22.1 | 2.8 | 768 |
| 50 – 54 | 71.5 | 6.3 | 29.6 | 0.6 | 59 |
| Age Range (Special) | | | | | |
| 10 - 19 (Teenager) | 65.4 | 6.4 | 34.5 | 0.6 | 507 |
| 15 - 49 (Women of Reproductive Age) | 83.1 | 5.5 | 19.0 | 0.3 | 50,895 |
| Education | | | | | |
| Never attended school | 75.8 | 10.6 | 20.5 | 0.2 | 499 |
| Some primary school/Islamic primary school | 69.9 | 6.9 | 28.4 | 0.4 | 1,390 |
| Primary school graduate/Islamic primary school | 75.7 | 8.4 | 23.7 | 0.3 | 6,791 |
| Junior secondary school /Islamic secondary school graduate | 79.3 | 7.1 | 20.0 | 0.3 | 11,038 |
| Senior secondary school /Islamic senior secondary school graduate | 83.9 | 4.6 | 20.1 | 0.3 | 21,647 |
| D1/D2/D3/university graduate | 93.5 | 3.0 | 10.9 | 0.3 | 9,592 |
| Occupation | | | | | |
| Unemployed | 80.4 | 6.2 | 21.2 | 0.3 | 31,413 |
| Student | 85.7 | 2.9 | 20.6 | 1.1 | 294 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 94.1 | 2.9 | 10.3 | 0.4 | 1,820 |
| Private employee | 90.0 | 2.8 | 15.1 | 0.2 | 5,753 |
| Self-employed | 87.8 | 4.5 | 15.9 | 0.2 | 4,819 |
| Farmer/farm worker | 81.6 | 7.3 | 17.6 | 0.3 | 1,594 |
| Fisher | 86.6 | 9.3 | 9.7 | 0.0 | 37* |
| Labor/driver/domestic help | 80.9 | 4.4 | 21.2 | 0.6 | 1,047 |
| Others | 85.2 | 5.7 | 16.2 | 0.5 | 4,180 |
| Residence | | | | | |
| Urban | 83.5 | 4.3 | 20.4 | 0.3 | 31,856 |
| Rural | 82.6 | 7.4 | 16.9 | 0.3 | 19,104 |
| Economic Status | | | | | |
| Lowest | 77.2 | 9.4 | 19.0 | 0.3 | 4,195 |
| Lower Middle | 79.3 | 6.9 | 19.5 | 0.4 | 7,634 |
| Middle | 79.6 | 7.7 | 20.6 | 0.2 | 10,532 |
| Upper Middle | 83.1 | 4.9 | 20.1 | 0.3 | 13,430 |
| Highest | 89.2 | 2.7 | 16.9 | 0.3 | 15,168 |

¹Other health workers are nurses

* Weighted N<50

Table 12.17 Proportion of ANC Service Places Used by Women Aged 10-54 Years during Pregnancy by Province, 2023 SKI

| Province | ANC Service Place (%) | | | | | | | | Weighted N |
|--------------------|-----------------------|-------------------------------|----------------------|--------------------------|---------------------------|--|--------------------------------|------------|---------------|
| | Hospital | Maternity Hospital/ Clinic | Public Health Center | Sub-Public Health Center | Doctor/ Midwife Clinic | Village Birthing Hut / Village Health Post | Pre and Post Natal Health Care | Home | |
| Aceh | 9.5 | 11.6 | 10.8 | 0.3 | 43.4 | 10.1 | 14.4 | 0.0 | 1,387 |
| North Sumatera | 13.6 | 19.0 | 12.5 | 1.9 | 42.0 | 3.3 | 7.6 | 0.1 | 3,142 |
| West Sumatera | 12.6 | 13.4 | 14.0 | 8.9 | 33.4 | 9.2 | 8.4 | 0.1 | 1,505 |
| Riau | 19.1 | 22.9 | 10.3 | 3.7 | 32.9 | 3.1 | 8.0 | 0.0 | 1,575 |
| Jambi | 6.4 | 10.7 | 19.1 | 8.9 | 42.3 | 7.5 | 5.0 | 0.0 | 710 |
| South Sumatera | 11.3 | 12.4 | 10.7 | 1.5 | 43.0 | 11.0 | 10.0 | 0.1 | 1,921 |
| Bengkulu | 7.0 | 12.2 | 5.3 | 1.0 | 49.7 | 1.4 | 23.2 | 0.1 | 459 |
| Lampung | 8.6 | 10.0 | 5.1 | 1.1 | 65.2 | 1.1 | 8.9 | 0.1 | 2,377 |
| Bangka Belitung | 18.5 | 14.0 | 16.8 | 1.7 | 30.7 | 12.5 | 5.7 | 0.0 | 294 |
| Riau Islands | 12.5 | 27.0 | 9.3 | 1.6 | 45.5 | 2.5 | 1.7 | 0.0 | 620 |
| DKI Jakarta | 23.9 | 17.2 | 36.1 | 0.0 | 22.6 | 0.0 | 0.2 | 0.0 | 2,529 |
| West Java | 12.4 | 15.2 | 10.1 | 0.3 | 51.8 | 0.8 | 9.2 | 0.1 | 13,901 |
| Central Java | 13.3 | 11.5 | 23.3 | 0.6 | 45.9 | 1.9 | 3.5 | 0.0 | 9,322 |
| DI Yogyakarta | 26.5 | 19.3 | 26.1 | 0.0 | 28.0 | 0.0 | 0.0 | 0.0 | 726 |
| East Java | 12.4 | 7.5 | 11.3 | 1.6 | 53.8 | 8.2 | 5.1 | 0.1 | 8,832 |
| Banten | 15.4 | 15.9 | 18.3 | 0.1 | 31.5 | 0.6 | 18.1 | 0.0 | 3,182 |
| Bali | 22.0 | 13.8 | 8.8 | 0.5 | 54.9 | 0.0 | 0.0 | 0.0 | 970 |
| West Nusa Tenggara | 6.4 | 4.3 | 19.1 | 0.4 | 5.3 | 21.3 | 42.9 | 0.2 | 1,676 |
| East Nusa Tenggara | 6.1 | 5.2 | 48.6 | 14.3 | 3.8 | 13.1 | 8.7 | 0.2 | 1,532 |
| West Kalimantan | 9.4 | 11.8 | 27.9 | 0.6 | 28.8 | 7.4 | 13.9 | 0.2 | 1,243 |
| Central Kalimantan | 7.4 | 15.8 | 22.7 | 10.8 | 23.9 | 7.8 | 11.2 | 0.5 | 550 |
| South Kalimantan | 9.9 | 8.9 | 22.0 | 1.6 | 29.5 | 16.6 | 11.3 | 0.2 | 938 |
| East Kalimantan | 20.6 | 27.2 | 20.6 | 4.0 | 21.5 | 3.6 | 2.4 | 0.0 | 1,010 |
| North Kalimantan | 10.2 | 9.9 | 37.1 | 4.0 | 35.5 | 0.7 | 2.6 | 0.1 | 214 |
| North Sulawesi | 16.1 | 11.9 | 28.5 | 1.2 | 20.0 | 0.8 | 21.2 | 0.3 | 520 |
| Central Sulawesi | 7.4 | 7.8 | 24.3 | 5.2 | 10.6 | 10.0 | 34.0 | 0.7 | 773 |
| South Sulawesi | 11.0 | 14.5 | 42.7 | 10.8 | 10.8 | 4.5 | 5.6 | 0.1 | 2,545 |
| Southeast Sulawesi | 9.1 | 10.6 | 18.4 | 1.9 | 6.8 | 2.2 | 50.3 | 0.5 | 692 |
| Gorontalo | 5.5 | 7.0 | 36.3 | 0.4 | 12.7 | 0.9 | 37.1 | 0.0 | 307 |
| West Sulawesi | 4.3 | 7.5 | 46.4 | 20.4 | 6.8 | 4.5 | 9.8 | 0.3 | 405 |
| Maluku | 4.3 | 3.6 | 33.0 | 6.0 | 14.1 | 2.5 | 36.0 | 0.5 | 449 |
| North Maluku | 6.9 | 9.8 | 26.8 | 2.7 | 7.9 | 14.7 | 30.5 | 0.6 | 312 |
| West Papua | 6.7 | 9.2 | 64.4 | 6.4 | 8.2 | 0.2 | 4.7 | 0.2 | 131 |
| Southwest Papua | 13.8 | 7.2 | 37.7 | 5.6 | 18.9 | 0.8 | 14.6 | 1.5 | 174 |
| Papua | 16.2 | 6.9 | 53.1 | 6.6 | 12.1 | 0.3 | 4.1 | 0.8 | 206 |
| South Papua | 10.6 | 10.4 | 28.6 | 13.7 | 6.9 | 0.2 | 29.6 | 0.0 | 124 |
| Central Papua | 11.8 | 13.4 | 67.8 | 2.2 | 3.7 | 0.0 | 0.7 | 0.4 | 239 |
| Highland Papua | 28.0 | 1.5 | 43.0 | 2.1 | 2.2 | 0.0 | 23.1 | 0.0 | 196 |
| INDONESIA | 12.8 | 12.9 | 18.5 | 2.2 | 39.5 | 4.4 | 9.6 | 0.1 | 67,685 |

Table 12.18 Proportion of ANC Service Places Used by Women Aged 10-54 Years during Pregnancy by Characteristic, 2023 SKI

| Characteristic | ANC Service Place (%) | | | | | | | | Weighted N |
|---|-----------------------|---------------------------|----------------------|--------------------------|------------------------|--|--------------------------------|------|------------|
| | Hospital | Maternity Hospital Clinic | Public Health Center | Sub-Public Health Center | Doctor/ Midwife Clinic | Village Birthing Hut / Village Health Post | Pre and Post Natal Health Care | Home | |
| Age Range (Year) | | | | | | | | | |
| 10-14 | 36.9 | 5.0 | 5.9 | 0.0 | 37.3 | 7.2 | 12.7 | 0.0 | 4* |
| 15-19 | 11.9 | 10.7 | 30.2 | 2.8 | 27.4 | 9.3 | 13.3 | 0.0 | 783 |
| 20-24 | 6.9 | 13.3 | 19.0 | 2.8 | 41.6 | 5.7 | 13.2 | 0.1 | 9,308 |
| 25-29 | 12.3 | 14.1 | 17.9 | 2.2 | 40.7 | 4.4 | 9.1 | 0.1 | 19,677 |
| 30-34 | 14.0 | 13.3 | 17.6 | 2.0 | 39.0 | 4.2 | 9.0 | 0.1 | 18,579 |
| 35-39 | 15.0 | 11.7 | 18.7 | 2.1 | 38.9 | 3.6 | 8.3 | 0.1 | 12,449 |
| 40-44 | 15.1 | 11.4 | 19.5 | 2.3 | 37.6 | 4.1 | 9.7 | 0.1 | 5,647 |
| 45-49 | 13.0 | 10.8 | 20.8 | 2.5 | 35.7 | 5.0 | 11.2 | 0.5 | 1,124 |
| 50-54 | 11.5 | 5.0 | 31.5 | 3.3 | 25.8 | 2.4 | 14.6 | 0.0 | 113 |
| Age Range (Special) | | | | | | | | | |
| 10 - 19 (Teenager) | 12.0 | 5.0 | 30.1 | 2.8 | 27.5 | 9.3 | 13.3 | 0.0 | 787 |
| 15 - 49 (Women of Reproductive Health) | 12.8 | 12.9 | 18.4 | 2.2 | 39.5 | 4.4 | 9.6 | 0.1 | 67,567 |
| Education | | | | | | | | | |
| Never attended school | 10.3 | 8.1 | 23.5 | 4.6 | 28.6 | 8.7 | 16.1 | 0.1 | 981 |
| Some primary school/Islamic primary school | 6.6 | 7.1 | 22.5 | 4.0 | 37.1 | 8.4 | 14.1 | 0.2 | 2,346 |
| Primary school graduate/Islamic primary school | 5.8 | 9.2 | 21.4 | 3.3 | 38.5 | 6.1 | 15.5 | 0.2 | 11,153 |
| Junior secondary school /Islamic secondary school graduate | 7.7 | 10.7 | 18.5 | 2.4 | 44.1 | 5.1 | 11.4 | 0.1 | 15,612 |
| Senior secondary school /Islamic senior secondary school graduate | 13.1 | 14.6 | 18.4 | 1.8 | 40.9 | 3.6 | 7.6 | 0.1 | 26,792 |
| D1/D2/D3/university graduate | 28.1 | 17.3 | 14.2 | 1.5 | 31.6 | 2.5 | 4.7 | 0.1 | 10,801 |
| Occupation | | | | | | | | | |
| Unemployed | 10.8 | 12.6 | 18.7 | 2.2 | 40.7 | 4.2 | 10.6 | 0.1 | 42,493 |
| Student | 21.1 | 13.3 | 19.6 | 2.0 | 32.2 | 3.7 | 8.0 | 0.0 | 378 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 24.6 | 17.8 | 17.8 | 1.8 | 30.9 | 2.5 | 4.5 | 0.1 | 2,035 |
| Private employee | 24.8 | 18.7 | 13.7 | 1.0 | 37.4 | 2.0 | 2.3 | 0.0 | 6,509 |
| Self-employed | 14.0 | 11.8 | 17.0 | 1.2 | 46.1 | 4.2 | 5.7 | 0.1 | 5,964 |
| Farmer/farm worker | 6.4 | 6.2 | 21.3 | 5.3 | 30.5 | 11.6 | 18.5 | 0.2 | 2,960 |
| Fisher | 18.4 | 22.5 | 25.5 | 1.5 | 22.5 | 3.0 | 6.6 | 0.0 | 47* |
| Labor/driver/domestic help | 9.4 | 11.5 | 20.3 | 1.5 | 45.3 | 3.7 | 8.3 | 0.0 | 1,353 |
| Others | 11.6 | 11.4 | 21.5 | 3.7 | 32.9 | 6.2 | 12.5 | 0.2 | 5,945 |
| Residence | | | | | | | | | |
| Urban | 16.2 | 15.8 | 17.6 | 0.8 | 42.0 | 1.9 | 5.6 | 0.1 | 3,9215 |
| Rural | 8.0 | 8.8 | 19.7 | 4.1 | 36.0 | 7.9 | 15.3 | 0.2 | 2,8470 |
| Economic Status | | | | | | | | | |
| Lowest | 4.7 | 6.2 | 25.5 | 6.4 | 29.2 | 8.4 | 19.4 | 0.2 | 7,915 |
| Lower Middle | 7.1 | 8.8 | 22.2 | 3.0 | 38.0 | 6.6 | 14.2 | 0.2 | 11,662 |
| Middle | 8.3 | 11.0 | 19.2 | 2.2 | 43.0 | 5.1 | 11.1 | 0.1 | 14,459 |
| Upper Middle | 11.0 | 14.6 | 18.9 | 1.4 | 43.1 | 3.5 | 7.5 | 0.0 | 16,634 |
| Highest | 25.9 | 18.8 | 11.7 | 0.6 | 38.7 | 1.4 | 2.8 | 0.1 | 17,015 |

* Weighted N <50

Table 12. 19 Proportion of Types of Antenatal Care (ANC) Components and Complete ANC Components According to Standards (10T) Received During Pregnancy in Women Aged 10-54 Years Who Have Given Birth by Province, 2023 SKI

| Province | Types of ANC Components Received (%) | | | | | | | | | | Receiving ANC 10T | | | |
|--------------------|--------------------------------------|-------------|----------------|------------------|-------------|----------------|--------------------|-------------|---------------|-------------|---|-----------------|-------------|---------------|
| | Height | Weight | Blood Pressure | Nutrition Status | TFU | Fetal Location | Fetal Presentation | TT vaccine | TTD Provision | Counseling | Birth Control Counseling after delivery | Case management | Percentage | Weighted N |
| Aceh | 99.0 | 90.7 | 98.2 | 94.9 | 90.0 | 94.9 | 94.1 | 74.2 | 90.2 | 75.5 | 64.5 | 50.8 | 42.5 | 1,387 |
| North Sumatera | 97.7 | 77.8 | 97.8 | 82.7 | 85.1 | 92.6 | 91.6 | 55.5 | 80.5 | 60.7 | 43.7 | 36.3 | 17.4 | 3,142 |
| West Sumatera | 99.2 | 94.1 | 99.1 | 97.3 | 96.8 | 97.3 | 96.9 | 74.1 | 94.7 | 83.3 | 65.1 | 52.8 | 51.1 | 1,505 |
| Riau | 98.8 | 88.3 | 98.4 | 92.9 | 91.0 | 96.1 | 95.0 | 51.6 | 84.1 | 69.5 | 54.6 | 40.4 | 27.8 | 1,575 |
| Jambi | 99.5 | 92.3 | 99.5 | 96.7 | 96.7 | 97.3 | 97.7 | 82.4 | 97.0 | 87.2 | 71.1 | 59.7 | 59.2 | 710 |
| South Sumatera | 99.8 | 89.7 | 99.3 | 93.7 | 94.9 | 97.2 | 96.5 | 77.2 | 89.1 | 76.0 | 62.4 | 48.0 | 38.6 | 1,921 |
| Bengkulu | 99.4 | 90.0 | 99.5 | 97.5 | 97.8 | 98.7 | 98.3 | 82.0 | 93.0 | 76.4 | 61.4 | 50.5 | 52.2 | 459 |
| Lampung | 99.3 | 91.2 | 99.6 | 97.3 | 96.5 | 97.1 | 97.4 | 77.7 | 94.9 | 78.4 | 66.6 | 59.0 | 64.8 | 2,377 |
| Bangka Belitung | 99.0 | 92.7 | 99.0 | 95.6 | 94.9 | 97.7 | 97.0 | 82.8 | 94.5 | 89.7 | 78.8 | 71.2 | 73.1 | 294 |
| Riau Islands | 99.7 | 92.9 | 99.6 | 94.6 | 96.6 | 97.9 | 97.8 | 73.2 | 92.0 | 88.0 | 59.2 | 44.8 | 46.7 | 620 |
| DKI Jakarta | 98.8 | 90.4 | 99.9 | 92.0 | 96.5 | 98.8 | 97.8 | 79.2 | 93.9 | 88.1 | 78.1 | 71.2 | 62.9 | 2,529 |
| West Java | 99.3 | 82.3 | 99.2 | 89.3 | 94.6 | 97.7 | 97.7 | 84.7 | 94.9 | 85.0 | 67.9 | 59.6 | 52.1 | 13,901 |
| Central Java | 99.3 | 94.0 | 99.3 | 97.0 | 97.8 | 98.2 | 97.9 | 79.4 | 97.9 | 92.6 | 80.5 | 73.7 | 75.7 | 9,322 |
| DI Yogyakarta | 99.9 | 94.0 | 99.8 | 97.9 | 97.9 | 99.4 | 99.1 | 64.1 | 98.1 | 96.1 | 72.6 | 61.3 | 68.0 | 726 |
| East Java | 99.3 | 94.4 | 99.1 | 96.4 | 96.4 | 97.3 | 96.8 | 68.0 | 96.0 | 91.2 | 75.4 | 67.5 | 66.5 | 8,832 |
| Banten | 98.6 | 86.8 | 98.8 | 93.2 | 94.9 | 96.7 | 96.5 | 81.3 | 94.9 | 78.6 | 61.1 | 49.8 | 54.2 | 3,182 |
| Bali | 99.9 | 97.0 | 100.0 | 97.6 | 97.8 | 99.3 | 98.9 | 72.0 | 97.8 | 94.9 | 88.0 | 81.6 | 87.9 | 970 |
| West Nusa Tenggara | 99.3 | 89.1 | 99.3 | 98.0 | 98.4 | 98.7 | 98.5 | 89.2 | 97.4 | 88.3 | 82.8 | 73.9 | 69.9 | 1,676 |
| East Nusa Tenggara | 99.1 | 96.3 | 99.1 | 98.2 | 97.9 | 98.3 | 97.8 | 87.1 | 96.7 | 87.3 | 81.8 | 69.4 | 72.4 | 1,532 |
| West Kalimantan | 98.9 | 93.9 | 98.7 | 96.1 | 94.2 | 96.9 | 96.6 | 73.0 | 91.3 | 76.0 | 62.0 | 54.6 | 48.8 | 1,243 |
| Central Kalimantan | 99.0 | 93.1 | 99.2 | 96.2 | 93.5 | 95.6 | 95.5 | 79.3 | 93.1 | 82.1 | 69.4 | 59.0 | 55.8 | 550 |
| South Kalimantan | 99.1 | 96.7 | 98.8 | 98.3 | 98.1 | 98.5 | 97.8 | 89.4 | 97.3 | 94.4 | 86.8 | 77.9 | 76.6 | 938 |
| East Kalimantan | 99.3 | 91.4 | 99.1 | 93.6 | 93.9 | 97.1 | 97.8 | 72.1 | 94.3 | 88.0 | 75.0 | 65.1 | 63.9 | 1,010 |
| North Kalimantan | 99.5 | 92.6 | 99.6 | 99.0 | 98.3 | 97.8 | 98.0 | 83.4 | 97.1 | 86.5 | 75.0 | 65.7 | 65.2 | 214 |
| North Sulawesi | 98.7 | 89.3 | 98.1 | 92.5 | 93.2 | 97.4 | 96.7 | 85.0 | 91.8 | 68.7 | 59.4 | 42.4 | 37.5 | 520 |
| Central Sulawesi | 99.0 | 95.7 | 99.0 | 97.1 | 96.5 | 97.2 | 96.0 | 89.2 | 95.9 | 79.9 | 69.0 | 57.8 | 56.3 | 773 |
| South Sulawesi | 98.9 | 93.3 | 98.9 | 96.6 | 95.7 | 96.7 | 96.8 | 88.7 | 95.2 | 83.1 | 71.6 | 67.0 | 62.2 | 2,545 |
| Southeast Sulawesi | 98.9 | 91.7 | 98.9 | 95.6 | 96.2 | 97.9 | 96.6 | 85.5 | 93.0 | 71.0 | 53.9 | 42.2 | 46.0 | 692 |
| Gorontalo | 99.4 | 97.3 | 99.3 | 98.5 | 97.3 | 97.8 | 98.0 | 94.8 | 97.1 | 88.4 | 84.2 | 76.4 | 79.7 | 307 |
| West Sulawesi | 100.0 | 97.0 | 100.0 | 99.4 | 99.1 | 99.1 | 98.6 | 87.9 | 97.1 | 87.4 | 76.6 | 67.6 | 59.5 | 405 |
| Maluku | 96.7 | 87.0 | 98.2 | 93.8 | 93.5 | 95.5 | 93.4 | 79.3 | 90.3 | 65.0 | 58.0 | 35.8 | 30.5 | 449 |
| North Maluku | 98.7 | 95.9 | 98.7 | 96.9 | 94.9 | 96.6 | 96.3 | 87.0 | 94.2 | 77.2 | 56.7 | 42.3 | 51.1 | 312 |
| West Papua | 96.1 | 82.5 | 96.8 | 96.7 | 92.2 | 95.0 | 95.9 | 60.9 | 94.5 | 77.0 | 56.8 | 52.7 | 49.7 | 131 |
| Southwest Papua | 98.8 | 89.1 | 98.4 | 88.7 | 93.0 | 94.9 | 94.8 | 77.9 | 91.4 | 71.0 | 62.5 | 55.4 | 54.2 | 174 |
| Papua | 98.6 | 94.7 | 98.6 | 94.9 | 93.1 | 96.6 | 95.3 | 84.5 | 94.8 | 81.6 | 68.7 | 56.5 | 64.7 | 206 |
| South Papua | 99.3 | 96.5 | 98.2 | 97.7 | 93.3 | 94.1 | 93.1 | 84.2 | 94.3 | 79.3 | 65.5 | 57.2 | 68.4 | 124 |
| Central Papua | 97.7 | 94.1 | 98.5 | 66.6 | 66.9 | 67.8 | 67.2 | 52.2 | 68.0 | 57.2 | 43.3 | 42.0 | 38.3 | 239 |
| Highland Papua | 100.0 | 69.3 | 80.3 | 80.3 | 97.5 | 97.2 | 97.4 | 65.5 | 76.8 | 45.8 | 29.9 | 41.0 | 19.7 | 196 |
| INDONESIA | 99.1 | 89.7 | 99.0 | 93.8 | 95.2 | 97.2 | 96.9 | 77.6 | 94.2 | 84.0 | 69.9 | 61.0 | 57.8 | 67,685 |

Table 12.20 Proportion of Types of Antenatal Care (ANC) Components and Complete ANC Components According to Standards (10T) Received During Pregnancy in Women Aged 10-54 Years Who Have Given Birth by Characteristic, 2023 SKI

| Characteristic | ANC Components Received (%) | | | | | | | | | | | Receiving ANC 10T | | |
|---|-----------------------------|--------|----------------|------------------|-------|----------------|--------------------|------------|---------------|------------|---|-------------------|------------|------------|
| | Height | Weight | Blood Pressure | Nutrition Status | TFU | Fetal Location | Fetal Presentation | TT vaccine | TTD provision | Counseling | Birth Control Counseling after Delivery | Case Management | Percentage | Weighted N |
| Age Range (Year) | | | | | | | | | | | | | | |
| 10 – 14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.1 | 63.1 | 92.8 | 94.1 | 50.0 | N/A | 4* |
| 15 – 19 | 98.8 | 83.6 | 93.7 | 81.6 | 88.7 | 87.7 | 88.4 | 70.1 | 82.9 | 67.0 | 54.7 | 46.5 | 42.7 | 783 |
| 20 – 24 | 99.1 | 91.7 | 98.7 | 95.1 | 95.5 | 97.2 | 96.4 | 80.9 | 95.2 | 82.6 | 68.6 | 60.0 | 57.8 | 9,308 |
| 25 – 29 | 99.3 | 90.1 | 99.2 | 94.2 | 95.5 | 97.5 | 97.4 | 78.5 | 94.9 | 84.8 | 70.3 | 61.9 | 60.3 | 19,677 |
| 30 - 34 | 99.0 | 89.3 | 99.1 | 93.9 | 95.2 | 97.3 | 96.9 | 76.9 | 93.9 | 84.4 | 69.7 | 60.9 | 58.0 | 18,579 |
| 35 - 39 | 99.2 | 89.3 | 99.3 | 93.5 | 95.3 | 97.5 | 96.9 | 77.0 | 94.0 | 85.2 | 71.3 | 61.6 | 56.7 | 12,449 |
| 40 - 44 | 99.1 | 88.7 | 99.1 | 92.8 | 94.5 | 97.1 | 96.9 | 75.0 | 93.5 | 83.6 | 70.8 | 61.0 | 55.0 | 5,647 |
| 45 - 49 | 97.5 | 88.6 | 98.0 | 92.7 | 94.4 | 95.7 | 94.8 | 73.8 | 91.5 | 80.1 | 67.8 | 59.6 | 50.9 | 1,124 |
| 50 – 54 | 95.1 | 89.5 | 96.0 | 93.3 | 91.8 | 93.8 | 94.1 | 73.4 | 92.6 | 74.1 | 61.8 | 52.9 | 54.2 | 113 |
| Age Range (Special) | | | | | | | | | | | | | | |
| 10 - 19 (Teenager) | 98.8 | 83.6 | 93.8 | 81.7 | 88.8 | 87.8 | 88.4 | 70.2 | 82.8 | 67.1 | 54.9 | 46.6 | 42.5 | 787 |
| 15 - 49 (Women of Reproductive Age) | 99.1 | 89.7 | 99.0 | 93.8 | 95.2 | 97.2 | 96.9 | 77.6 | 94.2 | 84.1 | 69.9 | 61.0 | 57.8 | 67,567 |
| Education | | | | | | | | | | | | | | |
| Never attended school | 99.2 | 84.6 | 94.8 | 91.3 | 94.5 | 95.7 | 94.9 | 73.0 | 87.7 | 68.5 | 57.0 | 53.5 | 41.8 | 981 |
| Some primary school/Islamic primary school | 98.9 | 90.3 | 98.2 | 91.1 | 91.6 | 93.4 | 93.2 | 73.7 | 92.1 | 77.6 | 64.0 | 53.3 | 49.6 | 2,346 |
| Primary school graduate/Islamic primary school | 98.5 | 89.0 | 98.7 | 94.0 | 95.1 | 96.7 | 95.6 | 78.0 | 94.0 | 81.1 | 68.8 | 57.7 | 53.8 | 11,153 |
| Junior secondary school /Islamic secondary school graduate | 99.2 | 89.9 | 99.2 | 94.6 | 95.9 | 97.5 | 97.2 | 78.9 | 95.5 | 84.1 | 70.7 | 61.5 | 58.6 | 15,612 |
| Senior secondary school /Islamic senior secondary school graduate | 99.3 | 89.8 | 99.1 | 94.1 | 95.2 | 97.4 | 97.1 | 77.6 | 94.3 | 84.7 | 69.9 | 61.4 | 58.0 | 26,792 |
| D1/D2/D3/university graduate | 99.4 | 90.4 | 99.3 | 92.6 | 95.1 | 97.9 | 98.0 | 76.7 | 93.0 | 88.3 | 72.4 | 65.3 | 63.6 | 10,801 |
| Occupation | | | | | | | | | | | | | | |
| Unemployed | 99.1 | 89.0 | 99.0 | 93.2 | 94.9 | 97.1 | 96.7 | 77.6 | 94.1 | 83.1 | 68.6 | 59.5 | 56.0 | 42,493 |
| Student | 95.8 | 87.6 | 96.0 | 88.9 | 88.9 | 95.2 | 94.9 | 77.7 | 92.0 | 82.3 | 67.2 | 62.2 | 58.8 | 378 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 99.8 | 91.7 | 99.8 | 95.7 | 95.7 | 98.1 | 98.4 | 80.4 | 94.2 | 88.6 | 74.2 | 64.4 | 65.2 | 2,035 |
| Private employee | 99.3 | 90.6 | 99.4 | 93.5 | 96.3 | 97.9 | 98.1 | 76.8 | 93.8 | 88.6 | 73.7 | 67.3 | 66.9 | 6,509 |
| Self-employed | 99.3 | 90.3 | 99.1 | 94.8 | 95.9 | 97.5 | 97.1 | 74.6 | 95.6 | 87.2 | 72.5 | 63.7 | 62.0 | 5,964 |
| Farmer/farm worker | 99.0 | 91.5 | 99.2 | 96.4 | 95.6 | 96.9 | 95.5 | 78.2 | 93.8 | 78.7 | 67.7 | 57.7 | 51.7 | 2,960 |
| Fisher | 78.8 | 65.1 | 80.3 | 70.7 | 79.9 | 80.3 | 80.3 | 67.7 | 78.5 | 61.4 | 56.7 | 57.0 | 37.7 | 47* |
| Labor/driver/domestic help | 98.2 | 86.9 | 98.9 | 93.4 | 94.9 | 96.0 | 95.3 | 77.6 | 94.2 | 85.3 | 72.7 | 62.7 | 58.5 | 1,353 |
| Others | 98.8 | 92.7 | 98.7 | 96.0 | 95.7 | 97.4 | 97.0 | 80.7 | 94.3 | 83.8 | 71.4 | 62.3 | 57.5 | 5,945 |
| Residence | | | | | | | | | | | | | | |
| Urban | 99.2 | 88.2 | 99.2 | 92.5 | 94.9 | 97.5 | 97.3 | 76.9 | 93.8 | 85.7 | 70.3 | 61.7 | 58.3 | 39,215 |
| Rural | 99.0 | 91.8 | 98.8 | 95.7 | 95.6 | 96.8 | 96.2 | 78.6 | 94.6 | 81.8 | 69.3 | 60.2 | 57.2 | 28,470 |
| Economic Status | | | | | | | | | | | | | | |
| Lowest | 98.6 | 91.6 | 98.7 | 94.5 | 94.6 | 95.3 | 94.3 | 77.8 | 92.8 | 78.4 | 66.2 | 57.2 | 53.3 | 7,915 |
| Lower Middle | 98.9 | 90.1 | 98.4 | 94.4 | 95.1 | 96.9 | 96.3 | 78.4 | 94.3 | 81.5 | 68.4 | 58.2 | 55.1 | 11,662 |
| Middle | 99.0 | 89.9 | 99.1 | 94.7 | 95.2 | 97.0 | 96.6 | 77.2 | 94.3 | 83.1 | 68.5 | 59.7 | 58.0 | 14,459 |
| Upper Middle | 99.4 | 88.8 | 99.2 | 93.7 | 95.5 | 97.4 | 97.3 | 78.4 | 95.0 | 85.0 | 70.7 | 61.8 | 57.9 | 16,634 |
| Highest | 99.3 | 89.3 | 99.4 | 92.5 | 95.2 | 98.3 | 98.2 | 76.6 | 93.8 | 88.3 | 73.0 | 65.1 | 61.6 | 17,015 |

* Weighted N <50

Table 12.21 Proportion of Types of Laboratory Examination Received During Pregnancy in Women Aged 10-54 Years Who Have Given Birth by Province, 2023 SKI

| Province | Blood Type | Types of Laboratory Examination (%) | | | | | | Weighted N |
|----------------------|-------------|-------------------------------------|-----------------|-------------|-------------|-------------|-------------|---------------|
| | | Urine Protein Glucose | Hemoglobin (Hb) | GDS | HIV | Syphilis | Hepatitis | |
| Aceh | 49.5 | 52.0 | 70.0 | 50.1 | 48.3 | 46.6 | 48.8 | 1,387 |
| North Sumatera | 15.3 | 22.3 | 32.4 | 20.1 | 23.6 | 18.6 | 20.6 | 3,142 |
| West Sumatera | 50.0 | 66.5 | 78.8 | 52.1 | 58.6 | 56.3 | 59.5 | 1,505 |
| Riau | 29.4 | 34.1 | 50.4 | 32.8 | 33.5 | 31.2 | 32.3 | 1,575 |
| Jambi | 54.0 | 58.6 | 80.1 | 53.6 | 63.9 | 61.8 | 64.8 | 710 |
| South Sumatera | 37.9 | 41.8 | 55.7 | 40.9 | 45.7 | 41.6 | 43.7 | 1,921 |
| Bengkulu | 46.4 | 47.1 | 65.7 | 43.9 | 60.4 | 53.6 | 59.7 | 459 |
| Lampung | 53.3 | 62.4 | 79.3 | 54.6 | 73.9 | 73.0 | 75.0 | 2,377 |
| Kep. Bangka Belitung | 68.3 | 73.5 | 88.1 | 71.6 | 81.4 | 77.0 | 79.4 | 294 |
| Riau Islands | 39.8 | 47.4 | 66.8 | 46.0 | 57.9 | 54.1 | 56.5 | 620 |
| DKI Jakarta | 62.4 | 80.1 | 87.1 | 78.3 | 71.3 | 66.1 | 69.8 | 2,529 |
| West Java | 53.7 | 61.9 | 78.9 | 50.9 | 61.5 | 56.8 | 61.0 | 13,901 |
| Central Java | 69.6 | 84.4 | 95.0 | 79.9 | 82.8 | 79.4 | 83.7 | 9,322 |
| DI Yogyakarta | 56.3 | 92.4 | 96.7 | 82.1 | 82.0 | 77.8 | 83.9 | 726 |
| East Java | 75.4 | 80.2 | 87.5 | 71.7 | 76.6 | 72.5 | 77.0 | 8,832 |
| Banten | 57.3 | 57.0 | 74.0 | 54.2 | 63.6 | 59.9 | 65.3 | 3,182 |
| Bali | 74.3 | 87.9 | 95.4 | 79.3 | 94.0 | 90.7 | 92.3 | 970 |
| West Nusa Tenggara | 73.9 | 75.5 | 93.3 | 59.6 | 71.5 | 69.5 | 75.1 | 1,676 |
| East Nusa Tenggara | 58.9 | 69.4 | 82.2 | 55.9 | 75.9 | 73.0 | 76.6 | 1,532 |
| West Kalimantan | 46.3 | 53.1 | 69.9 | 52.7 | 56.4 | 53.2 | 56.0 | 1,243 |
| Central Kalimantan | 47.2 | 52.7 | 72.2 | 52.5 | 59.9 | 58.1 | 62.2 | 550 |
| South Kalimantan | 57.5 | 83.5 | 91.4 | 77.1 | 80.0 | 75.3 | 81.1 | 938 |
| East Kalimantan | 55.9 | 74.2 | 85.7 | 70.7 | 72.2 | 66.8 | 74.1 | 1,010 |
| North Kalimantan | 52.6 | 74.0 | 87.1 | 67.0 | 71.6 | 67.6 | 71.3 | 214 |
| North Sulawesi | 36.1 | 36.4 | 45.5 | 37.5 | 47.6 | 37.0 | 45.2 | 520 |
| Central Sulawesi | 49.1 | 58.6 | 72.4 | 54.2 | 59.7 | 55.2 | 62.7 | 773 |
| South Sulawesi | 63.8 | 69.9 | 81.3 | 58.4 | 65.4 | 59.7 | 68.4 | 2,545 |
| Southeast Sulawesi | 36.9 | 38.4 | 57.3 | 35.3 | 56.4 | 48.0 | 55.9 | 692 |
| Gorontalo | 67.6 | 69.5 | 86.6 | 71.4 | 81.1 | 74.2 | 82.0 | 307 |
| West Sulawesi | 62.3 | 72.1 | 80.4 | 60.4 | 62.7 | 54.7 | 64.7 | 405 |
| Maluku | 30.3 | 31.6 | 45.6 | 26.2 | 34.9 | 31.4 | 35.1 | 449 |
| North Maluku | 46.9 | 50.7 | 58.2 | 42.6 | 57.8 | 55.5 | 57.0 | 312 |
| West Papua | 45.4 | 58.3 | 71.0 | 44.1 | 57.5 | 55.5 | 56.9 | 131 |
| Southwest Papua | 38.5 | 52.9 | 58.8 | 49.2 | 62.9 | 60.6 | 59.6 | 174 |
| Papua | 56.0 | 63.2 | 82.2 | 59.5 | 73.5 | 68.5 | 69.6 | 206 |
| South Papua | 41.8 | 56.4 | 69.2 | 56.8 | 73.5 | 72.1 | 72.3 | 124 |
| Central Papua | 54.8 | 30.9 | 40.7 | 34.8 | 43.5 | 41.6 | 40.6 | 239 |
| Highland Papua | 19.5 | 21.2 | 28.0 | 23.1 | 35.9 | 27.3 | 21.0 | 196 |
| INDONESIA | 56.8 | 65.4 | 78.4 | 58.5 | 65.6 | 61.5 | 65.7 | 67,685 |

Table 12.22 Proportion of Types of Laboratory Examination Received During Pregnancy in Women Aged 10-54 Years Who Have Given Birth by Characteristic, 2023 SKI

| Characteristic | Types of Laboratory Examination (%) | | | | | | Weighted N |
|---|-------------------------------------|-----------------------|-----------------|------|------|----------|------------|
| | Blood Type | Urine-Protein Glucose | Hemoglobin (Hb) | GDS | HIV | Syphilis | |
| Age Range (Year) | | | | | | | |
| 10 – 14 | 49.6 | 57.2 | 94.1 | 86.9 | 5.9 | 5.9 | 5.9 |
| 15 – 19 | 56.1 | 44.2 | 62.2 | 39.8 | 50.4 | 45.7 | 50.0 |
| 20 – 24 | 58.4 | 62.2 | 78.0 | 56.1 | 66.4 | 62.4 | 65.6 |
| 25 – 29 | 58.7 | 66.8 | 80.2 | 60.1 | 68.2 | 64.0 | 68.3 |
| 30 – 34 | 56.4 | 66.2 | 78.5 | 59.1 | 65.5 | 61.6 | 66.1 |
| 35 – 39 | 55.2 | 65.9 | 78.3 | 59.1 | 64.2 | 60.7 | 64.8 |
| 40 – 44 | 53.5 | 65.7 | 76.1 | 58.1 | 62.0 | 57.4 | 61.4 |
| 45 – 49 | 50.1 | 60.3 | 72.2 | 52.5 | 57.3 | 53.3 | 57.4 |
| 50 – 54 | 47.1 | 59.9 | 72.2 | 51.1 | 57.1 | 54.7 | 60.8 |
| Age Range (Special) | | | | | | | |
| 10 - 19 (Teenager) | 56.1 | 44.3 | 62.4 | 40.0 | 50.2 | 45.5 | 49.8 |
| 15 - 49 (Women of Reproductive Age) | 56.8 | 65.4 | 78.4 | 58.6 | 65.6 | 61.6 | 65.7 |
| Education | | | | | | | |
| Never attended school | 45.8 | 48.0 | 59.3 | 41.1 | 50.1 | 45.5 | 48.0 |
| Some primary school/Islamic primary school | 53.6 | 55.1 | 69.8 | 47.5 | 57.1 | 52.2 | 56.9 |
| Primary school graduate/Islamic primary school | 53.0 | 58.4 | 73.3 | 51.9 | 60.6 | 57.4 | 61.2 |
| Junior secondary school /Islamic secondary school graduate | 58.1 | 65.2 | 78.6 | 57.6 | 66.9 | 62.7 | 66.7 |
| Senior secondary school /Islamic senior secondary school graduate | 57.2 | 66.6 | 79.4 | 60.0 | 65.8 | 61.6 | 65.8 |
| D1/D2/D3/university graduate | 59.3 | 73.5 | 84.4 | 67.2 | 71.5 | 67.4 | 72.2 |
| Occupation | | | | | | | |
| Unemployed | 55.1 | 63.1 | 77.3 | 56.0 | 63.9 | 59.7 | 63.8 |
| Student | 53.7 | 64.3 | 77.0 | 59.3 | 62.6 | 59.3 | 64.1 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 56.6 | 74.6 | 84.6 | 68.3 | 72.0 | 68.9 | 72.6 |
| Private employee | 65.7 | 77.5 | 87.0 | 72.3 | 75.4 | 71.4 | 76.2 |
| Self-employed | 62.4 | 72.0 | 83.2 | 64.7 | 70.5 | 66.9 | 71.2 |
| Farmer/farm worker | 49.5 | 54.9 | 67.1 | 48.3 | 58.1 | 53.6 | 56.8 |
| Fisher | 47.3 | 54.6 | 59.2 | 39.2 | 43.2 | 40.5 | 38.9 |
| Labor/driver/domestic help | 60.8 | 70.4 | 79.2 | 64.9 | 67.9 | 64.4 | 67.0 |
| Others | 56.4 | 63.0 | 75.5 | 55.9 | 63.2 | 59.4 | 64.3 |
| Residence | | | | | | | |
| Urban | 57.9 | 68.7 | 81.1 | 61.2 | 66.7 | 62.5 | 67.0 |
| Rural | 55.2 | 60.8 | 74.6 | 54.9 | 64.0 | 60.2 | 63.9 |
| Economic Status | | | | | | | |
| Lowest | 49.4 | 55.0 | 67.6 | 47.5 | 59.8 | 55.0 | 59.2 |
| Lower Middle | 55.4 | 61.3 | 74.9 | 54.5 | 62.5 | 58.1 | 62.5 |
| Middle | 57.7 | 64.6 | 78.3 | 57.8 | 65.8 | 62.5 | 65.7 |
| Upper Middle | 58.2 | 66.0 | 80.0 | 59.6 | 66.1 | 62.3 | 66.6 |
| Highest | 58.8 | 73.0 | 84.1 | 65.9 | 69.5 | 65.4 | 70.0 |

* Weighted N <50

10. Proportion of Taking Pregnant Class

Taking pregnant women class: Mothers who take pregnant women class during their last pregnancy, either offline or online. The minimum frequency of visits is 4 times with 1 meeting accompanied by the husband or family.

Proportion of taking pregnant women class=

Number of women aged 10-54 years who gave birth to their last child who attended pregnant women class at least 4 times with 1 time accompanied by their husband/family

X 100%

Number of ever-married women aged 10-54 years old who gave birth to their last child in the period of 1 January 2018 to the time of the interview and women who had their pregnancy checked by health workers

Frekuensi Kelas Ibu Hamil: Jumlah kunjungan ibu hamil mengikuti kelas ibu hamil pada saat kehamilan

Proportion of frequency of attending pregnant women class=

Number of classifications for women aged 10-54 years who gave birth to the last child who attended the pregnant women class < 4

*times
and ≥ 4 times*

X 100%

Number of ever-married women 10-54 years old who gave birth to their last child in the period of 1 January 2018 to the time of the interview and women who had their pregnancy checked by health workers

Family or husband accompanies at least 1 time in the pregnant women class

Proportion of pregnant women class accompany=

Number of women aged 10-54 years who gave birth to their last child who attended the pregnancy class accompanied by their family/husband

X 100%

Number of women taking pregnant women class

11. Proportion of Main Reasons for Not Taking Pregnant Women Class

Reasons for not taking pregnant women class during their last pregnancy included: Covid-19 pandemic, do not know the information, far location, difficult transportation, prohibited by husband/family, not interested, take too long, and others.

Proportion of main reasons for not taking pregnant women class =

Number of women aged 10-54 years who gave birth to their last child and the main reasons for not taking pregnant women class

X 100%

Number of ever-married women aged 10-54 years who gave birth to their last child in the period of 1 January 2018 to the time of the interview who do not take pregnant women class

Table 12.23 Proportion of Attending Pregnancy Classes, Frequency of Attending Pregnancy Classes, and Presence of Companion/Husband among Women Aged 10-54 Years Who Have Given Birth by Province, 2023 SKI

| Province | Have Attended (%) | Frequency of Attending Pregnancy Classes (%) | | | Did Not Attend (%) | N | Presence of Companion/Husband (%) | N |
|--------------------|-------------------|--|------------|------------|--------------------|---------------|-----------------------------------|---------------|
| | | < 4 times | ≥ 4 times | Forgot | | | | |
| Aceh | 4.0 | 21.2 | 15.4 | 0.2 | 63.3 | 1,387 | 21.2 | 557 |
| North Sumatra | 2.2 | 12.8 | 8.2 | 0.2 | 78.8 | 3,142 | 25.7 | 728 |
| West Sumatra | 2.0 | 23.1 | 5.6 | 0.2 | 71.0 | 1,505 | 21.9 | 477 |
| Riau | 3.9 | 15.1 | 10.1 | 0.2 | 74.6 | 1,575 | 33.7 | 438 |
| Jambi | 9.0 | 22.2 | 27.5 | 0.2 | 50.0 | 710 | 33.6 | 388 |
| South Sumatra | 6.0 | 13.3 | 14.8 | 0.1 | 71.7 | 1,921 | 38.3 | 594 |
| Bengkulu | 3.1 | 17.2 | 11.2 | 1.2 | 70.4 | 459 | 27.8 | 148 |
| Lampung | 4.5 | 21.2 | 14.7 | 0.5 | 63.5 | 2,377 | 22.5 | 948 |
| Bangka Belitung | 3.2 | 24.0 | 17.4 | 0.4 | 58.2 | 294 | 18.2 | 135 |
| Riau Islands | 1.8 | 6.8 | 3.9 | 0.3 | 88.9 | 620 | 33.5 | 75 |
| DKI Jakarta | 1.9 | 9.3 | 2.6 | 0.2 | 87.8 | 2,529 | 56.1 | 337 |
| West Java | 1.7 | 15.6 | 5.5 | 0.2 | 78.7 | 13,901 | 34.2 | 3,239 |
| Central Java | 3.6 | 34.2 | 12.1 | 0.2 | 53.5 | 9,322 | 25.8 | 4,741 |
| DI Yogyakarta | 2.4 | 25.2 | 5.3 | 0.7 | 68.8 | 726 | 36.5 | 248 |
| East Java | 2.3 | 23.4 | 6.3 | 0.2 | 70.1 | 8,832 | 30.7 | 2,888 |
| Banten | 2.2 | 13.4 | 5.3 | 0.1 | 81.2 | 3,182 | 31.0 | 654 |
| Bali | 3.7 | 13.5 | 8.7 | 0.3 | 77.4 | 970 | 46.9 | 239 |
| West Nusa Tenggara | 1.6 | 21.9 | 3.9 | 0.0 | 74.2 | 1,676 | 19.4 | 473 |
| East Nusa Tenggara | 2.9 | 28.3 | 8.8 | 0.1 | 62.8 | 1,532 | 27.3 | 624 |
| West Kalimantan | 2.5 | 12.4 | 5.7 | 0.5 | 81.5 | 1,243 | 36.5 | 252 |
| Central Kalimantan | 2.8 | 25.5 | 13.2 | 0.2 | 61.1 | 550 | 24.3 | 234 |
| South Kalimantan | 3.0 | 26.7 | 11.9 | 0.1 | 61.3 | 938 | 22.8 | 397 |
| East Kalimantan | 4.1 | 17.1 | 7.5 | 0.5 | 74.9 | 1,010 | 42.4 | 277 |
| North Kalimantan | 1.0 | 17.6 | 3.3 | 0.0 | 79.2 | 214 | 32.4 | 49* |
| North Sulawesi | 2.5 | 8.6 | 6.2 | 0.0 | 85.2 | 520 | 32.4 | 84 |
| Central Sulawesi | 4.4 | 26.8 | 12.4 | 0.1 | 60.7 | 773 | 25.9 | 332 |
| South Sulawesi | 2.7 | 31.1 | 7.7 | 0.1 | 61.1 | 2,545 | 30.5 | 1,084 |
| Southeast Sulawesi | 1.7 | 26.8 | 8.1 | 0.3 | 64.7 | 692 | 18.2 | 267 |
| Gorontalo | 1.8 | 36.8 | 5.7 | 0.1 | 57.4 | 307 | 35.6 | 143 |
| West Sulawesi | 2.4 | 34.1 | 10.4 | 0.1 | 55.4 | 405 | 34.2 | 197 |
| Maluku | 2.0 | 13.1 | 8.2 | 0.2 | 78.5 | 449 | 27.3 | 105 |
| North Maluku | 2.5 | 25.0 | 10.6 | 0.2 | 64.2 | 312 | 18.6 | 122 |
| West Papua | 1.5 | 6.4 | 3.0 | 0.2 | 90.4 | 131 | 38.4 | 14* |
| Southwest Papua | 0.6 | 5.5 | 1.4 | 0.0 | 93.1 | 174 | 38.4 | 13* |
| Papua | 1.0 | 9.5 | 1.8 | 0.2 | 88.5 | 206 | 37.6 | 26* |
| South Papua | 0.5 | 15.9 | 6.1 | 0.2 | 77.8 | 124 | 4.8 | 30* |
| Central Papua | 1.9 | 6.8 | 2.6 | 1.0 | 89.6 | 239 | 36.8 | 27* |
| Highland Papua | 0.0 | 7.9 | 1.2 | 0.4 | 90.5 | 196 | 12.6 | 20* |
| INDONESIA | 2.7 | 20.8 | 8.2 | 0.2 | 70.8 | 67,685 | 29.4 | 21,605 |

* Weighted N <50

Table 12.24 Proportion of Attending Pregnancy Classes, Frequency of Attending Pregnancy Classes, and Presence of Companion/Husband among Women Aged 10-54 Years Who Have Given Birth by Characteristic, 2023 SKI

| Characteristic | Had Attended (%) | Frequency of Attending Pregnancy Classes (%) | | | Did Not Attend (%) | N | Presence of Companion /Husband (%) | N |
|--|------------------|--|-----------|--------|--------------------|--------|------------------------------------|--------|
| | | < 4 times | ≥ 4 times | Forgot | | | | |
| Age Range (Year) | | | | | | | | |
| 10 - 14 | 0.0 | 0.0 | 5.9 | 0.0 | 94.1 | 4 | 0.0 | 0 |
| 15 - 19 | 2.0 | 17.4 | 4.7 | 0.1 | 77.8 | 783 | 42.9 | 190 |
| 20 - 24 | 2.6 | 23.1 | 8.7 | 0.2 | 68.0 | 9,308 | 29.4 | 3,254 |
| 25 - 29 | 2.5 | 22.5 | 8.4 | 0.2 | 68.9 | 19,677 | 28.1 | 6,701 |
| 30 - 34 | 3.2 | 20.5 | 8.5 | 0.3 | 70.7 | 18,579 | 31.3 | 5,950 |
| 35 - 39 | 2.7 | 18.6 | 7.5 | 0.2 | 73.7 | 12,449 | 29.6 | 3,586 |
| 40 - 44 | 2.6 | 17.7 | 8.2 | 0.2 | 73.9 | 5,647 | 27.7 | 1,614 |
| 45 - 49 | 0.9 | 17.4 | 5.1 | 0.0 | 77.5 | 1,124 | 22.4 | 277 |
| 50 - 54 | 2.1 | 19.9 | 7.1 | 0.0 | 73.0 | 113 | 23.9 | 33* |
| Age Group (Specific) | | | | | | | | |
| 10 - 19 (Teenagers) | 1.9 | 17.4 | 4.7 | 0.1 | 77.9 | 787 | 42.8 | 190 |
| 15 - 49 (WRA) | 2.7 | 20.8 | 8.2 | 0.2 | 70.8 | 67,567 | 29.5 | 21,572 |
| Education | | | | | | | | |
| Never attended school | 1.3 | 17.9 | 9.0 | 0.2 | 72.9 | 981 | 24.3 | 291 |
| Some primary school/Islamic primary school | 1.7 | 21.0 | 7.2 | 0.4 | 71.4 | 2,346 | 24.5 | 733 |
| Primary school/Islamic primary school graduate | 2.9 | 22.2 | 8.9 | 0.2 | 68.7 | 11,153 | 26.8 | 3,819 |
| Junior secondary school/Islamic junior secondary school graduate | 2.8 | 23.0 | 9.3 | 0.2 | 67.4 | 15,612 | 27.8 | 5,560 |
| Senior secondary school/Islamic senior secondary school graduate | 2.5 | 19.6 | 7.4 | 0.2 | 72.7 | 26,792 | 30.4 | 7,986 |
| D1/D2/D3/university graduate | 3.3 | 19.1 | 7.9 | 0.3 | 72.8 | 10,801 | 34.7 | 3,216 |
| Occupation | | | | | | | | |
| Unemployed | 2.7 | 20.7 | 7.7 | 0.2 | 71.0 | 42,493 | 29.4 | 13,482 |
| Student | 3.0 | 19.9 | 6.2 | | 70.8 | 378 | 32.7 | 121 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 4.4 | 19.8 | 8.1 | 0.6 | 69.9 | 2,035 | 38.1 | 669 |
| Private employee | 2.2 | 18.1 | 5.5 | 0.3 | 75.2 | 6,509 | 31.3 | 1,768 |
| Self-employed | 2.8 | 20.5 | 7.6 | 0.2 | 70.7 | 5,964 | 32.9 | 1,913 |
| Farmer/farm laborer | 2.7 | 23.1 | 8.9 | 0.4 | 66.4 | 2,960 | 23.6 | 1,089 |
| Fisher | 1.0 | 15.3 | 3.3 | 0.0 | 76.3 | 47 | 14.2 | 12* |
| Labor/driver/domestic help | 1.2 | 22.9 | 3.8 | 0.1 | 71.5 | 1,353 | 20.9 | 422 |
| Others | 3.3 | 23.1 | 8.5 | 0.2 | 71.0 | 5,945 | 27.1 | 2,129 |
| Residence | | | | | | | | |
| Urban | 2.2 | 16.9 | 6.1 | 0.3 | 76.8 | 39,215 | 32.8 | 9,966 |
| Rural | 3.4 | 26.1 | 11.1 | 0.2 | 62.6 | 28,470 | 26.6 | 11,639 |
| Economic Status | | | | | | | | |
| Lowest | 2.7 | 25.5 | 9.7 | 0.2 | 64.6 | 7,915 | 25.2 | 3,068 |
| Lower middle | 3.0 | 24.3 | 10.0 | 0.2 | 65.5 | 11,662 | 26.0 | 4,401 |
| Middle | 2.9 | 22.4 | 8.8 | 0.2 | 68.6 | 14,459 | 27.8 | 4,964 |
| Upper middle | 2.3 | 19.2 | 7.6 | 0.2 | 73.0 | 16,634 | 29.0 | 4,903 |
| Highest | 2.8 | 16.2 | 6.5 | 0.2 | 77.1 | 17,015 | 38.6 | 4,269 |

* Weighted N <50

Table 12.25 Proportion of Main Reasons for Not Attending Pregnancy Classes among Women Aged 10-54 Years Who Have Given Birth to Their Last Child by Province, 2023 SKI

| Province | Main Reasons for Not Attending Pregnancy Classes (%) | | | | | | | | Weighted N |
|--------------------|--|---------------------|------------|------------------------|------------|----------------|------------|-------------|---------------|
| | Covid -19 | Lack of Information | Too Far | Transport Difficulties | Prohibited | Not Interested | Too Long | Others | |
| Aceh | 4.0 | 35.8 | 3.9 | 0.7 | 0.9 | 33.8 | 6.9 | 14.0 | 844 |
| North Sumatra | 4.8 | 39.3 | 5.2 | 0.7 | 0.5 | 36.1 | 2.1 | 11.2 | 2,380 |
| West Sumatra | 5.0 | 37.9 | 4.8 | 1.0 | 0.2 | 25.7 | 3.3 | 22.1 | 1,027 |
| Riau | 4.5 | 31.5 | 5.0 | 1.4 | 0.7 | 38.2 | 2.0 | 16.7 | 1,129 |
| Jambi | 9.5 | 29.3 | 12.7 | 1.1 | 1.1 | 31.9 | 3.3 | 11.1 | 341 |
| South Sumatra | 3.5 | 44.8 | 4.6 | 0.4 | 0.3 | 30.4 | 1.2 | 14.8 | 1,325 |
| Bengkulu | 4.7 | 34.1 | 6.6 | 0.5 | 0.8 | 37.2 | 2.6 | 13.5 | 310 |
| Lampung | 5.4 | 42.0 | 10.7 | 1.3 | 0.5 | 19.3 | 4.1 | 16.8 | 1,452 |
| Bangka Belitung | 8.9 | 23.8 | 7.8 | 3.2 | 0.2 | 35.4 | 2.6 | 18.2 | 165 |
| Riau Islands | 2.1 | 45.7 | 3.3 | 0.4 | 0.1 | 34.4 | 3.1 | 10.9 | 530 |
| DKI Jakarta | 14.0 | 38.7 | 3.9 | 0.1 | 0.4 | 22.8 | 1.8 | 18.2 | 2,135 |
| West Java | 5.7 | 45.1 | 4.9 | 0.7 | 0.3 | 15.9 | 0.9 | 26.6 | 10,517 |
| Central Java | 13.4 | 38.0 | 4.7 | 0.6 | 0.3 | 14.7 | 1.2 | 27.2 | 4,794 |
| DI Yogyakarta | 11.4 | 30.6 | 7.0 | 1.0 | 0.1 | 11.9 | 0.6 | 37.3 | 480 |
| East Java | 11.4 | 44.3 | 3.2 | 0.6 | 0.4 | 15.7 | 0.6 | 23.8 | 5,953 |
| Banten | 7.8 | 41.1 | 5.5 | 0.5 | 0.2 | 22.0 | 0.8 | 22.2 | 2,484 |
| Bali | 8.4 | 38.1 | 3.7 | 0.8 | 0.3 | 23.0 | 1.0 | 24.8 | 722 |
| West Nusa Tenggara | 4.4 | 54.4 | 4.5 | 0.4 | 0.0 | 8.5 | 1.0 | 26.8 | 1,196 |
| East Nusa Tenggara | 3.4 | 51.6 | 6.0 | 1.9 | 0.1 | 14.2 | 1.3 | 21.5 | 924 |
| West Kalimantan | 2.6 | 46.2 | 10.0 | 1.8 | 0.3 | 22.2 | 1.8 | 14.9 | 973 |
| Central Kalimantan | 8.5 | 41.8 | 4.7 | 1.1 | 0.4 | 31.5 | 0.9 | 11.1 | 323 |
| South Kalimantan | 12.7 | 43.5 | 4.2 | 1.3 | 0.2 | 23.2 | 1.0 | 13.9 | 553 |
| East Kalimantan | 8.7 | 39.6 | 4.6 | 1.7 | 0.2 | 26.9 | 1.2 | 17.1 | 727 |
| North Kalimantan | 7.2 | 30.9 | 11.8 | 0.6 | 0.3 | 39.5 | 3.0 | 6.6 | 163 |
| North Sulawesi | 4.1 | 45.4 | 2.1 | 0.3 | 0.0 | 32.9 | 1.6 | 13.7 | 426 |
| Central Sulawesi | 4.1 | 53.3 | 2.8 | 0.6 | 0.3 | 18.0 | 3.6 | 17.4 | 451 |
| South Sulawesi | 3.6 | 47.5 | 4.7 | 1.5 | 0.3 | 22.7 | 2.1 | 17.6 | 1,495 |
| Southeast Sulawesi | 3.0 | 49.5 | 3.9 | 1.0 | 0.1 | 25.0 | 2.1 | 15.4 | 431 |
| Gorontalo | 1.9 | 51.2 | 5.6 | 1.0 | 0.4 | 20.2 | 1.8 | 17.8 | 169 |
| West Sulawesi | 4.4 | 44.5 | 4.7 | 5.0 | 0.5 | 21.2 | 1.5 | 18.3 | 216 |
| Maluku | 2.7 | 33.2 | 2.0 | 0.0 | 0.2 | 22.8 | 4.0 | 35.0 | 339 |
| North Maluku | 4.8 | 52.1 | 3.3 | 0.4 | 0.4 | 25.8 | 3.1 | 10.0 | 192 |
| West Papua | 4.4 | 56.2 | 4.8 | 0.9 | 0.6 | 24.2 | 3.9 | 5.1 | 114 |
| Southwest Papua | 2.8 | 48.2 | 2.3 | 0.4 | 0.9 | 27.1 | 2.5 | 15.8 | 156 |
| Papua | 7.5 | 29.4 | 3.1 | 0.4 | 0.0 | 43.2 | 1.6 | 14.8 | 175 |
| South Papua | 4.1 | 47.1 | 6.1 | 0.4 | 0.2 | 27.2 | 0.8 | 13.9 | 93 |
| Central Papua | 4.1 | 37.2 | 31.8 | 1.1 | 0.0 | 16.1 | 5.6 | 4.2 | 206 |
| Highland Papua | 2.3 | 30.4 | 4.4 | 2.3 | 0.2 | 40.7 | 2.4 | 17.3 | 171 |
| INDONESIA | 7.4 | 42.4 | 5.0 | 0.8 | 0.3 | 20.9 | 1.6 | 21.5 | 46,080 |

Table 12.26 Proportion of Main Reasons for Not Attending Pregnancy Classes among Women Aged 10-54 Years Who Have Given Birth to Their Last Child by Characteristic, 2023 SKI

| Characteristic | Main Reasons for Not Attending Pregnancy Classes (%) | | | | | | | | Weighted N |
|--|--|---------------------|---------|------------------------|------------|-------------|----------|--------|------------|
| | Covid -19 | Lack of Information | Too Far | Transport Difficulties | Prohibited | No Interest | Too Long | Others | |
| Age Range (Year) | | | | | | | | | |
| 10 – 14 | 0.0 | 39.7 | 0.0 | 0.0 | 0.0 | 21.1 | 0.0 | 39.2 | 3* |
| 15 - 19 | 1.5 | 43.3 | 17.2 | 1.2 | 0.0 | 20.6 | 0.5 | 15.6 | 586 |
| 20 - 24 | 5.9 | 47.0 | 5.4 | 0.8 | 0.4 | 20.4 | 1.4 | 18.7 | 6,088 |
| 25 - 29 | 7.9 | 42.4 | 5.5 | 0.7 | 0.2 | 20.0 | 1.5 | 21.9 | 13,027 |
| 30 - 34 | 8.0 | 41.5 | 4.5 | 0.8 | 0.4 | 20.4 | 1.6 | 22.8 | 12,632 |
| 35 - 39 | 8.0 | 40.8 | 4.4 | 1.0 | 0.4 | 22.2 | 1.6 | 21.6 | 8,817 |
| 40 - 44 | 6.7 | 42.3 | 4.1 | 0.6 | 0.3 | 22.6 | 1.5 | 22.0 | 4,011 |
| 45 - 49 | 6.2 | 41.6 | 3.6 | 0.4 | 0.8 | 25.7 | 2.5 | 19.2 | 837 |
| 50 - 54 | 3.1 | 39.6 | 7.2 | 2.6 | 1.4 | 28.6 | 2.7 | 14.8 | 79 |
| Age Group (Specific) | | | | | | | | | |
| 10 - 19 (Teenagers) | 1.5 | 43.3 | 17.1 | 1.2 | 0.0 | 20.6 | 0.5 | 15.8 | 589 |
| 15 - 49 (WRA) | 7.4 | 42.4 | 5.0 | 0.8 | 0.3 | 20.9 | 1.6 | 21.5 | 45,998 |
| Education | | | | | | | | | |
| Never attended school | 4.9 | 47.0 | 7.4 | 1.2 | 0.1 | 21.9 | 1.6 | 16.0 | 687 |
| Some primary school/Islamic primary school | 3.8 | 47.8 | 9.6 | 2.1 | 0.1 | 18.6 | 1.3 | 16.7 | 1,611 |
| Primary school/Islamic primary school graduate | 5.1 | 49.0 | 6.1 | 1.0 | 0.5 | 19.1 | 1.1 | 18.0 | 7,365 |
| Junior secondary school/Islamic junior secondary school graduate | 7.1 | 44.4 | 5.5 | 0.8 | 0.2 | 20.3 | 1.5 | 20.3 | 10,122 |
| Senior secondary school/Islamic senior secondary school graduate | 8.0 | 42.3 | 4.3 | 0.7 | 0.2 | 21.7 | 1.7 | 21.1 | 18,738 |
| D1/D2/D3/university graduate | 9.7 | 32.2 | 4.0 | 0.6 | 0.4 | 22.1 | 1.8 | 29.2 | 7,556 |
| Occupation | | | | | | | | | |
| Unemployed | 6.9 | 45.2 | 5.5 | 0.9 | 0.3 | 21.3 | 1.4 | 18.4 | 29,001 |
| Student | 7.4 | 41.2 | 3.1 | 0.9 | 0.4 | 24.8 | 0.3 | 22.0 | 257 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 8.2 | 29.8 | 2.2 | 0.2 | 0.6 | 19.0 | 3.1 | 36.8 | 1,368 |
| Private employee | 8.9 | 31.2 | 2.3 | 0.4 | 0.1 | 20.2 | 1.4 | 35.5 | 4,703 |
| Self-employed | 10.7 | 41.1 | 4.0 | 0.6 | 0.3 | 19.0 | 1.4 | 22.9 | 4,052 |
| Farmer/farm laborer | 4.7 | 45.3 | 7.2 | 1.6 | 0.3 | 21.7 | 1.7 | 17.6 | 1,889 |
| Fisher | 5.4 | 46.1 | 26.2 | 0.6 | | 7.4 | 1.8 | 12.6 | 35* |
| Labor/driver/domestic help | 6.8 | 42.8 | 4.3 | 0.6 | 0.2 | 17.9 | 1.4 | 26.1 | 930 |
| Others | 7.4 | 39.4 | 5.9 | 0.8 | 0.4 | 21.7 | 2.4 | 22.1 | 3,844 |
| Residence | | | | | | | | | |
| Urban | 8.0 | 41.4 | 4.0 | 0.6 | 0.3 | 21.7 | 1.5 | 22.6 | 28,940 |
| Rural | 6.5 | 44.2 | 6.7 | 1.1 | 0.3 | 19.6 | 1.7 | 19.8 | 17,140 |
| Economic Status | | | | | | | | | |
| Lowest | 4.1 | 47.3 | 8.1 | 1.6 | 0.2 | 18.5 | 2.0 | 18.1 | 4,912 |
| Lower middle | 6.6 | 46.9 | 5.0 | 0.9 | 0.2 | 20.1 | 1.5 | 18.8 | 7,343 |
| Middle | 6.9 | 46.5 | 4.9 | 0.9 | 0.2 | 19.9 | 1.3 | 19.3 | 9,538 |
| Upper middle | 7.5 | 42.0 | 4.7 | 0.4 | 0.4 | 21.4 | 1.3 | 22.3 | 11,682 |
| Highest | 9.7 | 35.2 | 4.2 | 0.6 | 0.4 | 22.7 | 1.8 | 25.4 | 12,605 |

* Weighted N <50

12. Proportion of Mother's Knowledge regarding Types of Pregnancy Danger Signs among Women Aged 10-54 Years Who Have Given Birth

The disturbances or health problems experienced by mothers during their last pregnancy. Types of danger signs during pregnancy include: bleeding, swelling in the legs, hands, face accompanied by headache, fever or high temperature, seizures, premature rupture of membranes, decreased or absent fetal movements, and continuous vomiting or refusal to eat.

Proportion of Types of Pregnancy Danger Signs =

*Number of women aged 10-54 years according to types of pregnancy
danger signs experienced during the last pregnancy*

X 100%

*Number of women aged 10-54 years who have ever been married
and gave birth to their last child from January 1, 2018, to the
interview date*

13. Proportion of Complaints during Pregnancy among Married Women Who Have Given Birth to Their Last Child

Proportion of disturbances or health problems experienced by mothers during their last pregnancy. Types of pregnancy complaints may include continuous vomiting or diarrhea, high fever, hypertension, decreased fetal movements, heavy bleeding during labor, premature rupture of membranes, painful urination, coughing for more than 2 weeks, shortness of breath, palpitations and chest pain, swelling of the legs, seizures, and others.

Proportion of Types of Pregnancy Disturbances or Complications =

*Number of women aged 10-54 years who have experienced
disturbances or complications according to the type of
disturbance/complication during their last pregnancy*

X 100%

*Number of women aged 10-54 years who have ever been married
and gave birth to their last child from January 1, 2018, to the
interview date*

Table 12.27 Proportion of Types of Pregnancy Danger Signs Known by Women Aged 10-54 Years Who Have Ever Been Married and Given Birth by Province, 2023 SKI

| Province | Knowledge of Pregnancy Danger Signs (%) (%) | | | | | | | Weighted N |
|-------------------------|---|--|-------------|-------------|----------------------------------|------------------------------|---------------------------|---------------|
| | Bleeding | Swelling in legs, hands, or face, headache | Fever | Seizures | Amniotic fluid leaks prematurely | Reduced or no fetal movement | Vomiting/loss of appetite | |
| Aceh | 82.2 | 47.3 | 45.1 | 44.5 | 55.1 | 48.8 | 40.3 | 1,472 |
| North Sumatra | 74.5 | 44.9 | 45.3 | 41.3 | 47.5 | 41.8 | 35.5 | 3,439 |
| West Sumatra | 78.4 | 40.5 | 39.6 | 33.1 | 47.1 | 36.9 | 34.3 | 1,565 |
| Riau | 82.6 | 43.5 | 47.2 | 42.4 | 52.8 | 43.3 | 34.5 | 1,684 |
| Jambi | 84.9 | 54.2 | 55.7 | 48.6 | 62.7 | 53.8 | 45.2 | 751 |
| South Sumatra | 77.6 | 41.5 | 43.6 | 37.2 | 51.7 | 40.2 | 33.5 | 2,021 |
| Bengkulu | 79.7 | 48.5 | 51.2 | 43.6 | 53.5 | 47.2 | 39.5 | 479 |
| Lampung | 75.8 | 36.2 | 34.2 | 28.1 | 40.8 | 30.4 | 24.3 | 2,473 |
| Bangka Belitung Islands | 82.8 | 49.1 | 46.7 | 40.7 | 48.5 | 41.0 | 37.3 | 307 |
| Riau Islands | 80.5 | 31.8 | 34.3 | 27.1 | 38.0 | 24.6 | 21.4 | 647 |
| DKI Jakarta | 77.8 | 39.8 | 30.8 | 26.3 | 47.5 | 31.8 | 26.8 | 2,581 |
| West Java | 63.5 | 26.4 | 22.1 | 17.6 | 30.4 | 21.2 | 17.1 | 14,340 |
| Central Java | 69.5 | 31.8 | 27.5 | 23.4 | 37.3 | 26.6 | 25.2 | 9,571 |
| DI Yogyakarta | 78.0 | 28.0 | 22.1 | 20.0 | 39.5 | 30.2 | 19.3 | 743 |
| East Java | 71.6 | 38.4 | 33.2 | 30.1 | 43.6 | 33.8 | 30.8 | 9,136 |
| Banten | 67.7 | 31.1 | 33.2 | 26.8 | 35.4 | 28.7 | 27.2 | 3,331 |
| Bali | 75.8 | 44.9 | 46.5 | 39.2 | 52.1 | 43.4 | 38.8 | 988 |
| West Nusa Tenggara | 66.9 | 39.5 | 36.2 | 29.4 | 37.9 | 30.2 | 27.9 | 1,718 |
| East Nusa Tenggara | 63.4 | 42.6 | 37.6 | 32.7 | 36.8 | 32.8 | 33.4 | 1,616 |
| West Kalimantan | 77.6 | 41.1 | 43.5 | 36.3 | 50.2 | 41.0 | 34.8 | 1,330 |
| Central Kalimantan | 74.7 | 52.0 | 45.4 | 45.5 | 53.7 | 47.2 | 40.5 | 605 |
| South Kalimantan | 76.1 | 41.9 | 37.0 | 38.0 | 50.4 | 40.6 | 35.0 | 978 |
| East Kalimantan | 70.8 | 36.3 | 30.7 | 27.1 | 38.6 | 33.8 | 25.8 | 1,042 |
| North Kalimantan | 77.5 | 57.1 | 44.6 | 40.1 | 51.5 | 47.2 | 41.7 | 219 |
| North Sulawesi | 73.4 | 39.4 | 38.6 | 35.0 | 48.1 | 40.7 | 30.5 | 545 |
| Central Sulawesi | 62.7 | 36.3 | 25.5 | 24.9 | 32.5 | 25.8 | 20.7 | 821 |
| South Sulawesi | 62.1 | 33.9 | 30.0 | 25.3 | 35.5 | 29.1 | 26.6 | 2,668 |
| Southeast Sulawesi | 60.8 | 35.0 | 30.6 | 28.4 | 39.4 | 34.0 | 26.0 | 746 |
| Gorontalo | 66.2 | 32.6 | 26.1 | 24.6 | 35.3 | 32.0 | 21.1 | 323 |
| West Sulawesi | 57.1 | 30.8 | 26.2 | 21.8 | 30.9 | 23.5 | 20.7 | 431 |
| Maluku | 59.0 | 32.0 | 26.4 | 28.3 | 28.5 | 25.0 | 24.7 | 522 |
| North Maluku | 63.3 | 37.1 | 38.1 | 32.9 | 41.0 | 36.7 | 28.1 | 349 |
| West Papua | 68.1 | 40.2 | 38.0 | 40.4 | 48.3 | 41.1 | 38.4 | 153 |
| Southwest Papua | 58.9 | 26.1 | 22.9 | 23.5 | 30.2 | 22.8 | 16.3 | 205 |
| Papua | 70.8 | 43.0 | 38.8 | 34.6 | 38.2 | 39.6 | 35.2 | 240 |
| South Papua | 59.4 | 25.3 | 26.4 | 24.3 | 33.4 | 26.4 | 22.6 | 155 |
| Central Papua | 76.8 | 53.9 | 52.4 | 37.9 | 53.9 | 50.0 | 42.8 | 381 |
| Highland Papua | 86.9 | 65.6 | 61.9 | 48.2 | 49.4 | 48.4 | 59.0 | 339 |
| INDONESIA | 70.4 | 35.9 | 32.7 | 28.3 | 40.3 | 31.5 | 27.4 | 70,916 |

Table 12.28 Proportion of Pregnancy Danger Signs Known by Women Aged 10-54 Years Who Have Ever Been Married and Given Birth by Characteristic, 2023 SKI

| Characteristic | Pregnancy Danger Signs (%) | | | | | | | Weighted N |
|--|----------------------------|--|-------|-----------|----------------------------------|------------------------------|---------------------------|------------|
| | Bleeding | Swelling in legs, hands, or face, headache | Fever | Seizure s | Amniotic fluid leaks prematurely | Reduced or no fetal movement | Vomiting/loss of appetite | |
| Age Range (Year) | | | | | | | | |
| 10 – 14 | 19.2 | 6.9 | 6.9 | 43.0 | 48.3 | 0.0 | 0.0 | 4* |
| 15 - 19 | 59.1 | 33.3 | 31.3 | 22.1 | 30.8 | 26.1 | 20.3 | 853 |
| 20 - 24 | 66.4 | 31.5 | 28.7 | 25.2 | 38.2 | 28.8 | 24.2 | 9,851 |
| 25 - 29 | 71.7 | 36.0 | 33.5 | 28.9 | 40.8 | 31.6 | 27.9 | 20,434 |
| 30 - 34 | 72.1 | 37.5 | 34.4 | 29.9 | 42.3 | 33.3 | 29.2 | 19,354 |
| 35 - 39 | 71.1 | 36.9 | 32.3 | 28.0 | 40.1 | 31.5 | 27.4 | 13,042 |
| 40 - 44 | 68.0 | 35.8 | 31.8 | 28.1 | 38.5 | 30.7 | 26.8 | 5,959 |
| 45 - 49 | 66.1 | 33.6 | 34.1 | 24.6 | 36.5 | 28.4 | 25.2 | 1,276 |
| 50 – 54 | 73.8 | 40.0 | 27.7 | 23.3 | 51.0 | 34.8 | 29.9 | 143 |
| Age Group (Specific) | | | | | | | | |
| 10 - 19 (Teenagers) | 58.9 | 33.2 | 31.2 | 22.2 | 30.9 | 26.0 | 20.2 | 857 |
| 15 - 49 (WRA) | 70.4 | 35.8 | 32.7 | 28.3 | 40.3 | 31.4 | 27.4 | 70,769 |
| Education | | | | | | | | |
| Never attended school | 64.5 | 36.2 | 33.9 | 31.5 | 40.9 | 33.8 | 29.8 | 1,171 |
| Some primary school/Islamic primary school | 66.0 | 35.6 | 32.1 | 27.7 | 36.8 | 29.9 | 25.4 | 2,586 |
| Primary school/Islamic primary school graduate | 61.8 | 31.0 | 28.4 | 24.8 | 34.6 | 26.1 | 23.3 | 11,827 |
| Junior secondary school/Islamic junior secondary school graduate | 68.3 | 33.4 | 30.5 | 25.6 | 38.7 | 28.9 | 25.4 | 16,324 |
| Senior secondary school/Islamic senior secondary school graduate | 72.4 | 35.1 | 32.4 | 27.6 | 40.2 | 31.2 | 26.5 | 27,898 |
| D1/D2/D3/university graduate | 79.2 | 46.5 | 41.1 | 37.2 | 49.8 | 41.6 | 37.2 | 11,110 |
| Occupation | | | | | | | | |
| Unemployed | 68.8 | 33.3 | 30.3 | 25.4 | 38.1 | 28.5 | 24.3 | 44,394 |
| Student | 67.5 | 36.2 | 32.7 | 27.5 | 35.4 | 30.9 | 27.2 | 404 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 82.0 | 52.1 | 46.9 | 41.9 | 55.9 | 50.1 | 44.0 | 2,098 |
| Private employee | 76.1 | 40.7 | 35.3 | 31.5 | 45.4 | 36.0 | 31.9 | 6,715 |
| Self-employed | 73.2 | 38.3 | 36.1 | 32.0 | 43.3 | 35.0 | 32.2 | 6,210 |
| Farmer/farm laborer | 67.5 | 37.1 | 34.7 | 32.1 | 41.0 | 33.7 | 31.8 | 3,362 |
| Fisher | 63.0 | 33.2 | 30.2 | 31.5 | 34.2 | 33.0 | 19.9 | 58 |
| Labor/driver/domestic help | 65.2 | 28.7 | 25.1 | 22.4 | 31.1 | 22.8 | 21.5 | 1,399 |
| Others | 71.9 | 41.7 | 39.0 | 35.8 | 44.3 | 38.3 | 33.1 | 6,276 |
| Residence | | | | | | | | |
| Urban | 71.1 | 34.8 | 31.2 | 26.5 | 39.7 | 30.1 | 26.0 | 40,729 |
| Rural | 69.5 | 37.2 | 34.7 | 30.6 | 41.2 | 33.2 | 29.3 | 30,187 |
| Economic Status | | | | | | | | |
| Lowest | 61.5 | 31.8 | 30.2 | 25.9 | 35.3 | 26.3 | 24.5 | 8,806 |
| Lower middle | 67.4 | 33.5 | 30.9 | 27.4 | 37.8 | 28.8 | 25.7 | 12,229 |
| Middle | 69.3 | 35.1 | 31.9 | 27.0 | 39.7 | 28.7 | 26.1 | 15,071 |
| Upper middle | 71.9 | 36.2 | 32.3 | 27.8 | 40.8 | 30.1 | 27.4 | 17,281 |
| Highest | 76.4 | 39.9 | 36.3 | 31.5 | 44.7 | 34.5 | 31.2 | 17,528 |

* Weighted N <50

Table 12.29 Proportion of Types of Pregnancy Complaints Experienced by Women Aged 10-54 Years Who Have Ever Been Married and Given Birth by Province, 2023 SKI

| Province | Types of Pregnancy Complaints Experienced (%) | | | | | | | | | | | | | Experienced any pregnancy complications | Weighted N |
|----------------------|---|------------|--------------|------------------------|------------------|------------------------|-----------------------|-----------------|---------------------|-------------------------|--------------|------------|------------|---|---------------|
| | Continuous vomiting/diarrhea | High fever | Hypertension | Reduced fetal movement | Vaginal bleeding | Amniotic fluid leakage | Pain during urination | Prolonged cough | Shortness of breath | Chest pain/palpitations | Swollen legs | Seizure | Others | | |
| Aceh | 4.9 | 1.1 | 2.1 | 0.3 | 0.7 | 0.9 | 0.5 | 0.4 | 0.5 | 0.2 | 3.3 | 0.1 | 1.9 | 12.8 | 1,472 |
| North Sumatra | 4.7 | 1.2 | 2.3 | 0.3 | 0.6 | 1.2 | 0.4 | 0.6 | 0.4 | 0.3 | 4.7 | 0.0 | 1.0 | 11.9 | 3,439 |
| West Sumatra | 4.9 | 1.0 | 2.5 | 0.4 | 1.2 | 1.1 | 0.5 | 0.7 | 0.9 | 0.4 | 2.7 | 0.1 | 3.0 | 14.4 | 1,565 |
| Riau | 4.6 | 1.0 | 2.7 | 0.6 | 1.1 | 1.0 | 0.4 | 0.4 | 0.5 | 0.4 | 4.3 | 0.0 | 2.0 | 13.1 | 1,684 |
| Jambi | 2.9 | 1.3 | 1.2 | 0.4 | 0.4 | 0.5 | 0.1 | 0.6 | 0.5 | 0.4 | 3.7 | 0.1 | 1.1 | 9.9 | 751 |
| South Sumatra | 5.8 | 1.0 | 3.1 | 0.1 | 0.7 | 0.8 | 0.3 | 0.2 | 0.4 | 0.2 | 4.2 | 0.1 | 1.8 | 13.7 | 2,021 |
| Bengkulu | 3.3 | 0.2 | 2.2 | 0.5 | 1.0 | 2.4 | 0.4 | 0.5 | 0.2 | 0.0 | 3.0 | 0.0 | 1.5 | 12.7 | 479 |
| Lampung | 4.0 | 0.1 | 2.2 | 0.1 | 2.0 | 1.7 | 0.1 | 0.3 | 0.3 | 0.3 | 2.5 | 0.1 | 2.2 | 12.7 | 2,473 |
| Kep. Bangka Belitung | 4.7 | 1.2 | 3.3 | 0.2 | 0.7 | 1.5 | 0.1 | 0.3 | 0.4 | 0.2 | 2.7 | 0.2 | 3.4 | 15.8 | 307 |
| Riau Islands | 3.3 | 0.7 | 3.5 | 0.7 | 2.0 | 2.3 | 0.5 | 0.4 | 1.0 | 0.8 | 1.5 | 0.0 | 1.6 | 11.7 | 647 |
| DKI Jakarta | 6.7 | 1.0 | 8.3 | 0.9 | 1.6 | 2.5 | 0.5 | 1.3 | 0.9 | 0.2 | 6.8 | 0.1 | 6.0 | 26.6 | 2,581 |
| West Java | 8.2 | 1.5 | 5.2 | 1.1 | 2.3 | 2.1 | 1.0 | 1.4 | 1.1 | 0.7 | 6.1 | 0.2 | 5.2 | 25.4 | 14,340 |
| Central Java | 6.8 | 0.6 | 5.0 | 0.5 | 2.1 | 2.9 | 0.5 | 1.1 | 0.5 | 0.2 | 4.7 | 0.1 | 4.3 | 22.4 | 9,571 |
| DI Yogyakarta | 3.8 | 0.3 | 6.2 | 1.5 | 2.3 | 3.8 | 0.8 | 0.4 | 0.7 | 0.4 | 4.5 | 0.0 | 6.4 | 22.8 | 743 |
| East Java | 6.2 | 0.8 | 5.8 | 0.6 | 1.9 | 3.4 | 0.6 | 0.7 | 0.9 | 0.4 | 5.4 | 0.2 | 5.6 | 24.0 | 9,136 |
| Banten | 4.9 | 0.6 | 4.7 | 0.5 | 2.6 | 2.9 | 0.5 | 0.4 | 0.1 | 0.4 | 3.6 | 0.0 | 4.9 | 21.3 | 3,331 |
| Bali | 3.2 | 0.2 | 2.4 | 0.1 | 0.9 | 1.2 | 0.7 | 0.5 | 0.4 | 0.0 | 2.5 | 0.0 | 2.3 | 11.1 | 988 |
| West Nusa Tenggara | 6.1 | 0.7 | 2.9 | 0.4 | 0.6 | 3.0 | 1.0 | 1.3 | 0.7 | 0.7 | 4.3 | 0.1 | 3.7 | 19.4 | 1,718 |
| East Nusa Tenggara | 8.0 | 1.6 | 3.3 | 0.3 | 0.6 | 1.3 | 0.9 | 0.7 | 0.9 | 0.6 | 5.4 | 0.4 | 2.8 | 18.0 | 1,616 |
| West Kalimantan | 3.9 | 1.0 | 1.9 | 0.1 | 1.0 | 1.2 | 0.4 | 0.5 | 0.5 | 0.3 | 3.4 | 0.3 | 1.9 | 11.8 | 1,330 |
| Central Kalimantan | 2.1 | 0.5 | 2.3 | 0.5 | 1.0 | 0.6 | 0.2 | 0.6 | 0.3 | 0.1 | 3.1 | 0.0 | 0.7 | 9.1 | 605 |
| South Kalimantan | 3.8 | 0.9 | 3.7 | 0.5 | 0.7 | 1.3 | 0.4 | 0.5 | 0.7 | 0.2 | 2.9 | 0.0 | 3.0 | 14.0 | 978 |
| East Kalimantan | 9.4 | 1.0 | 5.3 | 0.6 | 1.5 | 2.0 | 0.9 | 1.5 | 1.7 | 1.1 | 6.3 | 0.1 | 3.6 | 24.5 | 1,042 |
| North Kalimantan | 5.8 | 0.7 | 3.3 | 0.2 | 0.8 | 1.0 | 0.5 | 0.3 | 1.7 | 0.5 | 5.7 | 0.0 | 1.1 | 14.1 | 219 |
| North Sulawesi | 8.4 | 2.7 | 3.7 | 0.6 | 0.7 | 2.0 | 1.5 | 1.5 | 1.2 | 1.4 | 8.6 | 0.5 | 0.5 | 19.6 | 545 |
| Central Sulawesi | 5.0 | 1.0 | 3.4 | 0.4 | 1.3 | 1.6 | 0.6 | 1.1 | 1.5 | 0.6 | 5.8 | 0.1 | 2.6 | 16.5 | 821 |
| South Sulawesi | 6.2 | 0.8 | 3.9 | 0.8 | 1.1 | 1.1 | 0.8 | 0.8 | 1.1 | 0.5 | 4.2 | 0.0 | 3.1 | 17.1 | 2,668 |
| Southeast Sulawesi | 4.1 | 0.9 | 2.7 | 0.3 | 0.7 | 1.5 | 0.7 | 0.6 | 0.9 | 0.1 | 3.1 | 0.1 | 1.9 | 12.3 | 746 |
| Gorontalo | 7.9 | 1.7 | 4.9 | 0.3 | 1.3 | 1.4 | 0.8 | 0.9 | 2.7 | 0.8 | 4.7 | 0.0 | 2.2 | 20.3 | 323 |
| West Sulawesi | 4.7 | 0.1 | 2.9 | 1.1 | 1.0 | 0.6 | 0.1 | 0.7 | 1.5 | 0.6 | 3.6 | 0.0 | 2.8 | 13.8 | 431 |
| Maluku | 3.8 | 0.8 | 1.3 | 0.5 | 0.7 | 1.1 | 1.5 | 1.1 | 0.6 | 0.1 | 4.2 | 0.1 | 0.8 | 11.2 | 522 |
| North Maluku | 6.6 | 1.4 | 2.2 | 0.7 | 0.4 | 1.9 | 0.8 | 1.1 | 1.9 | 2.6 | 7.7 | 0.5 | 1.0 | 16.3 | 349 |
| West Papua | 3.9 | 1.8 | 1.7 | 0.2 | 0.6 | 1.4 | 0.5 | 0.2 | 0.6 | 0.2 | 6.1 | 0.1 | 0.7 | 11.5 | 153 |
| Southwest Papua | 2.2 | 0.4 | 1.3 | 0.4 | 1.0 | 0.1 | 0.0 | 0.8 | 1.4 | 0.8 | 3.1 | 0.4 | 2.2 | 9.4 | 205 |
| Papua | 4.6 | 1.6 | 1.1 | 0.4 | 0.4 | 0.3 | 0.3 | 0.7 | 2.1 | 0.3 | 3.6 | 0.4 | 2.0 | 12.1 | 240 |
| South Papua | 2.6 | 0.7 | 1.5 | 0.6 | 0.3 | 0.6 | 0.3 | 0.3 | 0.4 | 0.4 | 4.3 | 0.0 | 1.0 | 7.6 | 155 |
| Central Papua | 1.7 | 0.3 | 0.2 | 0.1 | 0.2 | 0.9 | 1.4 | 0.0 | 0.1 | 0.0 | 4.2 | 0.0 | 0.0 | 7.1 | 381 |
| Highland Papua | 0.8 | 0.6 | 0.3 | 0.1 | 0.6 | 0.0 | 0.1 | 0.1 | 0.0 | 0.0 | 3.3 | 0.0 | 0.7 | 6.1 | 339 |
| INDONESIA | 6.1 | 1.0 | 4.3 | 0.6 | 1.6 | 2.1 | 0.6 | 0.9 | 0.8 | 0.4 | 4.8 | 0.1 | 3.8 | 19.7 | 70,916 |

**Table 12.30 Proportion of Types of Pregnancy Complaints Experienced by Women Aged 10-54 Years Who Have Ever Been Married and Given Birth by Characteristic, 2023
SKI**

| Characteristic | Types of Pregnancy Complaints Experienced(%) | | | | | | | | | | | | | Weighted N | |
|--|--|------------|-----------|------------------------|------------------|------------------------|-----------------------|-----------------|---------------------|--------------------------|--------------|----------|--------|---|--------|
| | Continuous vomiting/diarrhea | High fever | Hypertens | Reduced fetal movement | Vaginal bleeding | Amniotic fluid leakage | Pain during urination | Prolonged cough | Shortness of breath | Chest pain/ palpitations | Swollen legs | Seizures | Others | Experienced any pregnancy complications | |
| Age Range (Year) | | | | | | | | | | | | | | | |
| 10 – 14 | 0.0 | 47.9 | 0.0 | 12.3 | 5.7 | 0.0 | 0.0 | 12.3 | 12.3 | 12.3 | 12.3 | 0.0 | 0.0 | 53.7 | 4* |
| 15 – 19 | 4.0 | 0.2 | 1.0 | 0.7 | 0.5 | 3.2 | 1.9 | 1.6 | 0.7 | 0.9 | 4.4 | 0.3 | 3.2 | 15.3 | 853 |
| 20 – 24 | 7.3 | 1.2 | 2.6 | 0.8 | 1.5 | 2.1 | 1.1 | 0.7 | 0.6 | 0.5 | 4.5 | 0.0 | 3.2 | 17.8 | 9,851 |
| 25 – 29 | 6.7 | 1.1 | 3.4 | 0.6 | 1.4 | 2.5 | 0.5 | 0.9 | 0.8 | 0.4 | 5.1 | 0.2 | 3.9 | 19.9 | 20,434 |
| 30 – 34 | 5.9 | 0.9 | 3.8 | 0.6 | 1.7 | 2.0 | 0.5 | 0.9 | 0.9 | 0.4 | 4.8 | 0.1 | 4.0 | 19.5 | 19,354 |
| 35 – 39 | 5.2 | 0.7 | 5.5 | 0.6 | 1.8 | 1.6 | 0.7 | 0.8 | 0.8 | 0.4 | 4.5 | 0.1 | 3.9 | 19.9 | 13,042 |
| 40 – 44 | 5.7 | 0.9 | 8.5 | 0.4 | 2.0 | 1.9 | 0.5 | 1.1 | 0.8 | 0.3 | 4.8 | 0.1 | 3.6 | 22.7 | 5,959 |
| 45 – 49 | 4.4 | 1.4 | 9.2 | 1.2 | 2.1 | 1.1 | 0.6 | 0.2 | 0.3 | 0.4 | 5.4 | 0.1 | 4.4 | 21.7 | 1,276 |
| 50 – 54 | 3.2 | 0.0 | 4.6 | 0.0 | 3.1 | 3.0 | 0.0 | 0.0 | 0.2 | 0.0 | 1.8 | 0.0 | 1.0 | 13.7 | 143 |
| Age Group (Specific) | | | | | | | | | | | | | | | |
| 10 -19 (Teenagers) | 4.0 | 0.4 | 1.0 | 0.7 | 0.5 | 3.2 | 1.9 | 1.7 | 0.8 | 0.9 | 4.4 | 0.3 | 3.2 | 15.5 | 857 |
| 15 - 49 (WRA) | 6.1 | 1.0 | 4.3 | 0.6 | 1.6 | 2.1 | 0.6 | 0.9 | 0.8 | 0.4 | 4.8 | 0.1 | 3.8 | 19.7 | 70,769 |
| Education | | | | | | | | | | | | | | | |
| Never attended school | 3.3 | 0.6 | 3.9 | 1.3 | 1.1 | 1.1 | 0.2 | 0.4 | 0.3 | 0.4 | 3.0 | 0.0 | 4.3 | 16.5 | 1,171 |
| Some primary school/Islamic primary school | 5.5 | 1.8 | 3.7 | 0.7 | 0.7 | 1.6 | 1.0 | 0.5 | 0.9 | 0.4 | 3.6 | 0.0 | 2.1 | 15.5 | 2,586 |
| Primary school/Islamic primary school graduate | 5.5 | 1.0 | 4.0 | 0.6 | 1.5 | 1.7 | 0.4 | 0.9 | 0.8 | 0.4 | 4.5 | 0.1 | 2.9 | 17.6 | 11,827 |
| Junior secondary school/Islamic junior secondary school graduate | 6.5 | 1.1 | 4.4 | 0.6 | 1.2 | 2.0 | 0.6 | 0.9 | 0.6 | 0.4 | 4.9 | 0.1 | 3.0 | 18.8 | 16,324 |
| Senior secondary school/Islamic senior secondary school graduate | 6.2 | 0.9 | 4.2 | 0.6 | 2.1 | 2.4 | 0.8 | 0.9 | 0.8 | 0.6 | 4.7 | 0.1 | 4.5 | 21.0 | 27,898 |
| D1/D2/D3/university graduate | 6.2 | 0.8 | 4.8 | 0.7 | 1.5 | 2.1 | 0.5 | 1.0 | 0.9 | 0.3 | 5.8 | 0.2 | 4.6 | 21.3 | 11,110 |
| Occupation | | | | | | | | | | | | | | | |
| Unemployed | 6.4 | 1.0 | 4.4 | 0.6 | 1.6 | 2.1 | 0.7 | 1.0 | 0.8 | 0.5 | 4.7 | 0.1 | 3.7 | 20.0 | 44,394 |
| Student | 5.0 | 1.8 | 8.1 | 0.0 | 2.0 | 1.2 | 0.6 | 0.2 | 0.2 | 0.0 | 4.2 | 0.0 | 2.1 | 19.5 | 404 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 5.7 | 0.6 | 4.5 | 0.3 | 1.2 | 2.2 | 0.3 | 0.6 | 0.9 | 0.1 | 4.3 | 0.1 | 5.0 | 20.3 | 2,098 |
| Private employee | 6.0 | 0.9 | 4.6 | 0.8 | 2.1 | 2.6 | 0.4 | 0.6 | 0.8 | 0.3 | 6.4 | 0.2 | 5.2 | 22.4 | 6,715 |
| Self-employed | 6.3 | 1.1 | 4.3 | 0.7 | 2.1 | 3.0 | 1.1 | 0.7 | 0.9 | 0.3 | 5.3 | 0.4 | 4.0 | 21.0 | 6,210 |
| Farmer/farm laborer | 4.3 | 1.3 | 2.8 | 0.3 | 0.8 | 1.1 | 0.4 | 0.4 | 0.6 | 0.7 | 3.2 | 0.1 | 2.4 | 13.4 | 3,362 |
| Fisher | 2.5 | 3.4 | 0.7 | 0.0 | 4.2 | 0.9 | 0.3 | 0.0 | 0.7 | 0.0 | 4.6 | 0.0 | 4.1 | 13.2 | 58 |
| Labor/driver/domestic help | 6.4 | 0.7 | 5.0 | 0.7 | 3.0 | 3.8 | 0.4 | 1.9 | 0.4 | 0.8 | 6.3 | 0.4 | 4.3 | 22.8 | 1,399 |
| Others | 4.8 | 0.7 | 3.2 | 0.6 | 1.0 | 1.3 | 0.6 | 0.6 | 0.8 | 0.5 | 3.8 | 0.1 | 3.3 | 16.1 | 6,276 |
| Residence | | | | | | | | | | | | | | | |
| Urban | 6.6 | 1.1 | 5.1 | 0.7 | 2.0 | 2.3 | 0.7 | 0.9 | 0.9 | 0.5 | 5.4 | 0.2 | 4.6 | 22.2 | 40,729 |
| Rural | 5.5 | 0.8 | 3.2 | 0.5 | 1.1 | 1.8 | 0.6 | 0.8 | 0.6 | 0.4 | 4.0 | 0.1 | 2.7 | 16.3 | 30,187 |
| Economic Status | | | | | | | | | | | | | | | |
| Lowest | 4.8 | 0.9 | 2.8 | 0.5 | 0.9 | 1.7 | 0.8 | 0.7 | 0.6 | 0.5 | 3.6 | 0.0 | 2.3 | 14.9 | 8,806 |
| Lower middle | 5.7 | 1.0 | 3.7 | 0.5 | 1.1 | 1.8 | 0.7 | 1.0 | 0.8 | 0.4 | 4.5 | 0.1 | 3.1 | 17.2 | 12,229 |
| Middle | 5.6 | 1.0 | 4.8 | 0.5 | 1.6 | 2.3 | 0.4 | 0.8 | 0.8 | 0.4 | 4.4 | 0.1 | 3.7 | 19.2 | 15,071 |
| Upper middle | 6.6 | 1.1 | 4.3 | 0.7 | 2.0 | 2.0 | 0.6 | 0.8 | 0.7 | 0.4 | 5.0 | 0.1 | 4.0 | 21.1 | 17,281 |
| Highest | 7.0 | 0.9 | 4.9 | 0.8 | 2.0 | 2.4 | 0.7 | 1.0 | 0.9 | 0.5 | 5.8 | 0.2 | 5.0 | 22.8 | 17,528 |

* Weighted N <50

14. Proportion of First Aid Efforts for Pregnancy Disturbances/Complaints Experienced by Women Aged 10-54 Years

Efforts made by mothers during pregnancy when experiencing problems/disturbances in pregnancy, whether they will immediately seek help from healthcare providers or there is a delay.

Proportion of First Aid Efforts when Experiencing Pregnancy Disturbances or Complications =

$$\frac{\text{Number of women aged 10-54 years according to the first aid efforts when experiencing disturbances or complaints during the last pregnancy}}{\text{Number of women aged 10-54 years who have ever been married and experienced pregnancy disturbances/complaints during the last pregnancy}} \times 100\%$$

Table 12.31 Proportion of First Aid Efforts for Pregnancy Complaints Experienced by Women Aged 10-54 Years by Province, 2023 SKI

| Province | First Aid Efforts (%) | | | Weighted N |
|----------------------|-----------------------|------------------|-------------|---------------|
| | Immediate Referral | Delayed Referral | No Referral | |
| Aceh | 39.1 | 9.3 | 51.6 | 153 |
| North Sumatra | 32.9 | 7.0 | 60.1 | 331 |
| West Sumatra | 55.5 | 8.5 | 36.0 | 183 |
| Riau | 48.6 | 7.0 | 44.5 | 179 |
| Jambi | 26.2 | 8.8 | 65.0 | 60 |
| South Sumatra | 32.1 | 11.6 | 56.3 | 226 |
| Bengkulu | 39.8 | 19.7 | 40.4 | 50 |
| Lampung | 49.9 | 8.7 | 41.4 | 256 |
| Kep, Bangka Belitung | 47.0 | 7.5 | 45.5 | 39 |
| Riau Islands | 63.9 | 10.9 | 25.2 | 62 |
| DKI Jakarta | 41.2 | 16.1 | 42.7 | 556 |
| West Java | 50.2 | 12.7 | 37.1 | 2,955 |
| Central Java | 51.9 | 14.5 | 33.6 | 1,740 |
| DI Yogyakarta | 60.0 | 10.5 | 29.5 | 138 |
| East Java | 58.2 | 12.5 | 29.3 | 1,781 |
| Banten | 53.1 | 10.9 | 36.0 | 575 |
| Bali | 65.5 | 12.5 | 22.0 | 89 |
| West Nusa Tenggara | 39.3 | 14.8 | 45.9 | 270 |
| East Nusa Tenggara | 36.7 | 12.9 | 50.4 | 236 |
| West Kalimantan | 48.8 | 5.4 | 45.8 | 128 |
| Central Kalimantan | 34.3 | 12.5 | 53.2 | 45 |
| South Kalimantan | 45.9 | 16.8 | 37.3 | 111 |
| East Kalimantan | 39.1 | 10.1 | 50.8 | 207 |
| North Kalimantan | 37.4 | 18.3 | 44.3 | 25* |
| North Sulawesi | 35.3 | 5.6 | 59.1 | 87 |
| Central Sulawesi | 24.5 | 9.5 | 66.0 | 110 |
| South Sulawesi | 37.7 | 10.4 | 51.8 | 371 |
| Southeast Sulawesi | 37.9 | 9.0 | 53.0 | 75 |
| Gorontalo | 37.4 | 8.5 | 54.1 | 53 |
| West Sulawesi | 42.3 | 10.7 | 47.1 | 48* |
| Maluku | 35.2 | 8.1 | 56.7 | 48* |
| North Maluku | 29.5 | 5.0 | 65.4 | 46* |
| West Papua | 31.5 | 5.6 | 62.9 | 14* |
| Southwest Papua | 28.0 | 0.4 | 71.6 | 16* |
| Papua | 22.6 | 22.1 | 55.2 | 24* |
| South Papua | 33.4 | 15.8 | 50.7 | 10* |
| Central Papua | 5.3 | 7.3 | 87.4 | 22* |
| Highland Papua | 11.2 | 5.4 | 83.4 | 17* |
| INDONESIA | 48.3 | 12.2 | 39.5 | 11,336 |

* Weighted N <50

Table 12.32 Proportion of First Aid Efforts for Pregnancy Complaints Experienced by Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | First Aid Efforts (%) | | | Weighted N |
|--|-----------------------|------------------|-------------|------------|
| | Immediate Referral | Delayed Referral | No Referral | |
| Age at Delivery | | | | |
| 10 - 14 | 10.7 | 22.8 | 66.5 | 2* |
| 15 - 19 | 52.3 | 8.8 | 39.0 | 106 |
| 20 - 24 | 48.8 | 11.9 | 39.3 | 1,420 |
| 25 - 29 | 47.5 | 11.5 | 41.0 | 3,303 |
| 30 - 34 | 46.4 | 13.3 | 40.3 | 3,059 |
| 35 - 39 | 49.7 | 12.7 | 37.6 | 2,106 |
| 40 - 44 | 50.9 | 11.0 | 38.1 | 1,099 |
| 45 - 49 | 56.6 | 11.1 | 32.4 | 224 |
| 50 - 54 | 53.7 | 10.8 | 35.5 | 16* |
| Age Group (Specific) | | | | |
| 10 - 19 (Teenagers) | 51.6 | 9.0 | 39.4 | 108 |
| 15 - 49 (WRA) | 48.3 | 12.2 | 39.5 | 11,317 |
| Education | | | | |
| Never attended school | 49.8 | 7.7 | 42.5 | 157 |
| Some primary school/Islamic primary school | 45.6 | 6.4 | 48.0 | 325 |
| Primary school/Islamic primary school graduate | 45.6 | 10.1 | 44.3 | 1,688 |
| Junior secondary school/Islamic junior secondary school graduate | 48.5 | 12.8 | 38.7 | 2,494 |
| Senior secondary school/Islamic senior secondary school graduate | 48.7 | 12.7 | 38.6 | 4,754 |
| D1/D2/D3/university graduate | 50.0 | 13.1 | 36.9 | 1,919 |
| Occupation | | | | |
| Unemployed | 47.1 | 12.3 | 40.6 | 7,195 |
| Student | 50.6 | 11.5 | 37.9 | 64 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 45.8 | 19.7 | 34.4 | 347 |
| Private employee | 56.1 | 10.6 | 33.2 | 1,219 |
| Self-employed | 53.3 | 11.5 | 35.1 | 1,060 |
| Fisher | 41.9 | 11.2 | 46.9 | 367 |
| Farmer/farm laborer | 53.4 | | 46.6 | 6* |
| Labor/driver/domestic help | 52.1 | 13.9 | 34.0 | 259 |
| Others | 43.5 | 11.0 | 45.5 | 819 |
| Residence | | | | |
| Urban | 49.7 | 12.5 | 37.8 | 7,345 |
| Rural | 45.8 | 11.7 | 42.6 | 3,991 |
| Economic Status | | | | |
| Lowest | 37.5 | 12.2 | 50.3 | 1,064 |
| Lower middle | 46.3 | 13.2 | 40.5 | 1,713 |
| Middle | 51.6 | 10.6 | 37.8 | 2,352 |
| Upper middle | 48.2 | 12.3 | 39.5 | 2,958 |
| Highest | 50.7 | 12.6 | 36.7 | 3,250 |

* Weighted N <50

15. Proportion of Health Facilities as the First Referral Place when Experiencing Pregnancy Disturbances/Complaints

Healthcare facilities that serve as the first referral place when a mother experiences pregnancy disturbances/complaints, including: midwife practices, community health centers (*puskesmas*), clinics, maternity hospitals, private hospitals, and government hospitals.

Proportion of Health Facilities Types as the First Referral Place during Pregnancy Disturbances/Complications =

Number of health facilities as the first referral place during pregnancy disturbances/complications for women aged 10-54 years who gave birth to their last child

Number of women aged 10-54 years who gave birth to their last child at healthcare facilities referred to during pregnancy from January 1, 2018, to the interview date X 100%

16. Proportion of the Total Referrals Made by Mothers when Experiencing Pregnancy Complications

The total number of healthcare facility referrals made by mothers when experiencing pregnancy complications from the first healthcare facility to the last.

Proportion of Total Health Facilities Referred to during Pregnancy Disturbances/Complications =

Number of healthcare facilities referred to during pregnancy disturbances/complications for women aged 10-54 years who gave birth to their last child

Number of women aged 10-54 years who gave birth to their last child at healthcare facilities referred to during pregnancy from January 1, 2018, to the interview date X 100%

Table 12.33 Proportion of Health Facilities Used as the First Referral for Pregnancy Complaints by Women Aged 10-54 Years by Province, 2023 SKI

| Province | Health Facilities Used as First Referral (%) | | | | | Number of Referral Facilities (%) | | Weighted N | |
|----------------------|--|-------------|-------------|--------------------|------------------|-----------------------------------|-------------|----------------|--------------|
| | Medical Practices | Puskesmas | Clinic | Maternity Hospital | Private Hospital | Government Hospital | 1 Facility | ≥ 2 Facilities | |
| Aceh | 13.4 | 15.4 | 16.4 | 5.3 | 22.9 | 26.5 | 89.4 | 10.6 | 69 |
| North Sumatra | 15.9 | 7.7 | 27.7 | 5.7 | 34.1 | 9.0 | 91.6 | 8.4 | 123 |
| West Sumatra | 5.9 | 15.4 | 5.7 | 18.9 | 33.9 | 20.2 | 91.1 | 8.9 | 110 |
| Riau | 11.2 | 15.2 | 22.6 | 4.5 | 31.0 | 15.6 | 92.2 | 7.8 | 93 |
| Jambi | 14.7 | 16.1 | 0.0 | 2.4 | 51.9 | 15.0 | 88.7 | 11.3 | 20* |
| South Sumatra | 16.7 | 14.6 | 14.3 | 8.5 | 22.4 | 23.6 | 93.6 | 6.4 | 92 |
| Bengkulu | 12.5 | 2.6 | 26.2 | 2.1 | 26.8 | 29.8 | 96.3 | 3.7 | 28 |
| Lampung | 15.2 | 5.5 | 2.1 | 18.9 | 51.0 | 7.3 | 90.8 | 9.2 | 140 |
| Kep, Bangka Belitung | 2.9 | 14.5 | 8.0 | 9.4 | 31.3 | 34.0 | 98.3 | 1.7 | 20* |
| Riau Islands | 12.7 | 10.0 | 12.2 | 2.3 | 38.2 | 24.6 | 76.2 | 23.8 | 43* |
| DKI Jakarta | 4.2 | 13.0 | 14.7 | 4.0 | 27.1 | 37.0 | 92.2 | 7.8 | 298 |
| West Java | 22.8 | 11.4 | 18.0 | 4.8 | 30.3 | 12.7 | 90.1 | 9.9 | 1,736 |
| Central Java | 15.8 | 18.7 | 11.1 | 3.6 | 35.3 | 15.5 | 88.2 | 11.8 | 1,080 |
| DI Yogyakarta | 8.9 | 12.1 | 8.2 | 5.8 | 41.0 | 24.0 | 89.9 | 10.1 | 91 |
| East Java | 22.4 | 18.0 | 5.8 | 5.9 | 32.3 | 15.6 | 82.6 | 17.4 | 1,177 |
| Banten | 7.4 | 15.4 | 7.1 | 3.9 | 54.9 | 11.2 | 89.9 | 10.1 | 345 |
| Bali | 14.1 | 6.7 | 7.4 | 2.4 | 53.4 | 16.0 | 93.8 | 6.2 | 65 |
| West Nusa Tenggara | 4.8 | 49.0 | 0.3 | 1.9 | 7.7 | 36.3 | 80.2 | 19.8 | 137 |
| East Nusa Tenggara | 5.5 | 37.5 | 4.6 | 0.0 | 15.6 | 36.8 | 93.6 | 6.4 | 109 |
| West Kalimantan | 8.9 | 27.7 | 16.8 | 6.2 | 23.0 | 17.5 | 86.1 | 13.9 | 65 |
| Central Kalimantan | 3.1 | 25.3 | 11.4 | 3.9 | 6.7 | 49.7 | 85.0 | 15.0 | 20* |
| South Kalimantan | 6.4 | 18.5 | 14.7 | 4.4 | 14.6 | 41.4 | 93.5 | 6.5 | 65 |
| East Kalimantan | 5.6 | 22.8 | 16.7 | 5.9 | 20.2 | 28.8 | 95.4 | 4.6 | 95 |
| North Kalimantan | 10.2 | 32.1 | 6.8 | 2.7 | 3.0 | 45.2 | 88.7 | 11.3 | 13* |
| North Sulawesi | 7.3 | 26.7 | 25.5 | 1.6 | 22.4 | 16.4 | 82.1 | 17.9 | 33* |
| Central Sulawesi | 7.7 | 31.9 | 7.5 | 9.1 | 11.2 | 32.6 | 82.5 | 17.5 | 35* |
| South Sulawesi | 3.1 | 23.0 | 11.1 | 10.7 | 19.6 | 32.5 | 89.5 | 10.5 | 167 |
| Southeast Sulawesi | 5.5 | 23.0 | 9.3 | 2.8 | 21.4 | 38.0 | 91.0 | 9.0 | 33* |
| Gorontalo | 8.8 | 28.2 | 9.6 | 8.3 | 12.9 | 32.3 | 97.5 | 2.5 | 23* |
| West Sulawesi | 6.4 | 48.7 | 8.4 | 0.0 | 2.9 | 33.7 | 76.8 | 23.2 | 24* |
| Maluku | 5.0 | 37.6 | 21.8 | 0.0 | 5.9 | 29.7 | 81.6 | 18.4 | 19* |
| North Maluku | 28.5 | 27.9 | 10.2 | 0.7 | 9.0 | 23.7 | 90.7 | 9.3 | 15* |
| Papua | 23.2 | 31.3 | 0.5 | 1.0 | 16.5 | 27.4 | 95.9 | 4.1 | 5* |
| South Papua | 3.5 | 6.2 | 8.4 | 1.8 | 55.0 | 25.1 | 100.0 | 0.0 | 4* |
| Central Papua | 2.2 | 30.0 | 19.2 | 0.0 | 19.3 | 29.3 | 92.9 | 7.1 | 10* |
| Highland Papua | 39.2 | 32.4 | 0.0 | 0.0 | 10.6 | 17.9 | 72.2 | 27.8 | 4* |
| West Papua | 0.0 | 11.4 | 0.0 | 8.2 | 56.0 | 24.4 | 88.6 | 11.4 | 3* |
| Southwest Papua | 0.0 | 9.8 | 12.8 | 0.0 | 0.0 | 77.5 | 100.0 | 0.0 | 3* |
| INDONESIA | 16.1 | 16.7 | 12.1 | 5.3 | 31.6 | 18.2 | 88.4 | 11.6 | 6,411 |

* Weighted N <50

Table 12.34 Proportion of Health Facilities Used as the First Referral for Pregnancy Complaints by Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Medical Practices | Health Facilities Used as First Referral (%) | | | | | Number of Referral Facilities (%) | Weighted N |
|--|-------------------|--|--------|--------------------|------------------|---------------------|-----------------------------------|------------|
| | | Puskesmas | Clinic | Maternity Hospital | Private Hospital | Government Hospital | | |
| Age Range (Year) | | | | | | | | |
| 10 – 14 | 0.0 | 68.1 | 0.0 | 0.0 | 0.0 | 31.9 | 100.0 | 0.0 |
| 15 - 19 | 9.9 | 30.9 | 1.2 | .7 | 17.1 | 40.2 | 83.9 | 16.1 |
| 20 - 24 | 21.8 | 18.0 | 14.9 | 5.3 | 25.6 | 14.4 | 88.7 | 11.3 |
| 25 - 29 | 16.7 | 16.0 | 13.5 | 5.7 | 31.2 | 16.9 | 87.4 | 12.6 |
| 30 - 34 | 15.4 | 16.3 | 12.5 | 4.6 | 32.9 | 18.3 | 89.3 | 10.7 |
| 35 - 39 | 14.7 | 16.8 | 9.6 | 5.9 | 33.2 | 19.8 | 88.1 | 11.9 |
| 40 - 44 | 14.2 | 16.4 | 9.4 | 6.4 | 31.7 | 22.0 | 88.8 | 11.2 |
| 45 - 49 | 9.1 | 18.6 | 11.2 | 0.5 | 45.4 | 15.1 | 92.0 | 8.0 |
| 50 – 54 | 22.5 | 21.8 | 0.0 | 0.0 | 25.9 | 29.8 | 84.5 | 15.5 |
| Age Group (Specific) | | | | | | | | |
| 10 - 19 (Teenagers) | 9.8 | 31.2 | 1.2 | 0.7 | 16.9 | 40.1 | 84.0 | 16.0 |
| 15- 49 (WRA) | 16.1 | 16.7 | 12.1 | 5.3 | 31.6 | 18.2 | 88.4 | 11.6 |
| Education | | | | | | | | |
| Never attended school | 23.5 | 15.7 | 14.5 | 1.4 | 21.4 | 23.5 | 83.2 | 16.8 |
| Some primary school/Islamic primary school | 15.4 | 28.8 | 16.2 | 3.7 | 18.8 | 17.1 | 83.6 | 16.4 |
| Primary school/Islamic primary school graduate | 19.9 | 23.9 | 10.4 | 2.4 | 25.8 | 17.6 | 87.0 | 13.0 |
| Junior secondary school/Islamic junior secondary school graduate | 19.7 | 22.4 | 11.8 | 4.6 | 24.4 | 17.0 | 88.1 | 11.9 |
| Senior secondary school/Islamic senior secondary school graduate | 15.1 | 14.1 | 11.9 | 6.0 | 33.7 | 19.2 | 87.1 | 12.9 |
| D1/D2/D3/university graduate | 10.8 | 8.8 | 13.2 | 7.2 | 42.3 | 17.7 | 94.1 | 5.9 |
| Occupation | | | | | | | | |
| Unemployed | 17.2 | 18.6 | 13.0 | 5.2 | 29.4 | 16.8 | 87.6 | 12.4 |
| Student | 9.7 | 6.1 | 2.4 | 1.6 | 42.3 | 37.9 | 83.9 | 16.1 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 7.2 | 7.4 | 12.6 | 5.8 | 40.0 | 26.9 | 96.7 | 3.3 |
| Private employee | 11.9 | 8.5 | 11.9 | 6.3 | 46.0 | 15.4 | 89.4 | 10.6 |
| Self-employed | 17.6 | 14.1 | 11.8 | 7.1 | 32.4 | 17.0 | 90.1 | 9.9 |
| Farmer/farm laborer | 20.3 | 26.6 | 8.0 | 4.2 | 20.0 | 20.9 | 83.5 | 16.5 |
| Fisher | | 42.5 | 3.5 | 0.0 | 54.0 | 0.0 | 57.5 | 42.5 |
| Labor/driver/domestic help | 23.8 | 15.4 | 10.1 | 4.2 | 22.1 | 24.4 | 87.8 | 12.2 |
| Others | 12.1 | 19.8 | 7.4 | 2.8 | 28.1 | 29.8 | 90.9 | 9.1 |
| Residence | | | | | | | | |
| Urban | 14.8 | 13.1 | 13.2 | 5.5 | 35.5 | 17.9 | 88.9 | 11.1 |
| Rural | 18.8 | 24.0 | 9.9 | 4.8 | 23.7 | 18.8 | 87.3 | 12.7 |
| Economic Status | | | | | | | | |
| Lowest | 20.1 | 26.5 | 4.9 | 2.9 | 16.0 | 29.5 | 86.6 | 13.4 |
| Lower middle | 16.1 | 28.4 | 9.8 | 3.2 | 21.6 | 21.0 | 84.7 | 15.3 |
| Middle | 18.1 | 20.4 | 12.5 | 4.3 | 27.6 | 17.1 | 87.3 | 12.7 |
| Upper middle | 16.5 | 15.0 | 12.8 | 6.3 | 32.6 | 16.8 | 89.3 | 10.7 |
| Highest | 13.4 | 7.4 | 14.1 | 6.7 | 42.5 | 15.9 | 90.7 | 9.3 |

* Weighted N <50

12.3 DELIVERY PERIOD

1. Proportion of Birth Attendants

Personnel assisting the childbirth process, including healthcare workers (general practitioners, obstetricians, midwives, and trained nurses), and non-healthcare workers (traditional birth attendants, family/others). The highest level of birth attendant is chosen if there is more than one birth attendant, based on the highest educational qualification, and vice versa if it's the lowest.

Proportion of Birth Attendants =

$$\frac{\text{Number of women aged 10-54 years who have ever been married and gave birth assisted by birth attendants}}{\text{Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date}} \times 100\%$$

2. Proportion of Birth Attendants by Healthcare Workers

Healthcare workers assisting the childbirth process, including general practitioners, obstetricians (specialist obstetricians and gynecologists), midwives, and nurses. If there are multiple attendants, the highest qualification type is chosen. Conversely, the lowest qualification type is chosen if necessary.

Proportion of Birth Attendants by Healthcare Workers =

$$\frac{\text{Number of women aged 10-54 years who have ever been married and gave birth assisted by healthcare workers}}{\text{Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date}} \times 100\%$$

3. Place of Delivery

The location where the last childbirth occurred. The place of delivery can be a healthcare facility (Hospital, Clinic, Community Health Center/Health Post/Sub-district Health Center, and Healthcare Practitioner's Practice), other service places (village integrated health posts, village maternity clinics), home, or other locations (e.g., transportation).

Proportion of Place of Delivery =

$$\frac{\text{Number of women aged 10-54 years who have ever been married and gave birth according to the place of delivery}}{\text{Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date}} \times 100\%$$

4. Proportion of Deliveries at Healthcare Facilities (Fasyankes)

Healthcare facilities according to Government Regulation No. 47 of 2016 that can be associated with delivery services, such as Hospitals, Clinics, Community Health Centers/Health Post/Sub-district Health Centers, and Healthcare Practitioner's Practices.

Proportion of Deliveries at Healthcare Facilities =

$$\frac{\text{Number of women aged 10-54 years who gave birth to their last child at healthcare facilities}}{\text{Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date}} \times 100\%$$

Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date

Table 12.35 Proportion of Birth Attendants with the Highest Qualification among Women Aged 10-54 Years by Province, 2023 SKI

| Province | Birth Attendants Highest Qualification ¹ (%) | | | | | | Birth Assistance by Health Workers ² | | Weighted N | |
|----------------------|---|-----------------------|-------------|------------|---------------------|------------|---|-------------|--------------------|---------------|
| | Obstetricians | General Practitioners | Midwives | Nurse | Traditional midwife | Others | No Attendants | % | 95% CI | |
| Aceh | 35.5 | 1.1 | 62.6 | 0.2 | 0.3 | 0.0 | 0.4 | 99.3 | 98.9 - 99.5 | 1,472 |
| North Sumatra | 36.8 | 1.0 | 59.9 | 0.0 | 1.1 | 0.3 | 0.8 | 97.8 | 97.2 - 98.2 | 3,439 |
| West Sumatra | 44.1 | 1.7 | 52.5 | 0.2 | 0.9 | 0.2 | 0.4 | 98.5 | 98.0 - 98.9 | 1,565 |
| Riau | 40.4 | 1.6 | 55.2 | 0.1 | 2.2 | 0.1 | 0.3 | 97.4 | 96.2 - 98.2 | 1,684 |
| Jambi | 21.6 | 1.0 | 73.3 | 0.4 | 3.2 | 0.1 | 0.5 | 96.2 | 94.2 - 97.5 | 751 |
| South Sumatra | 29.3 | 0.9 | 66.9 | 0.0 | 2.2 | 0.3 | 0.5 | 97.0 | 96.1 - 97.8 | 2,021 |
| Bengkulu | 33.4 | 0.8 | 64.4 | 0.1 | 0.5 | 0.0 | 0.7 | 98.7 | 97.7 - 99.3 | 479 |
| Lampung | 32.0 | 0.8 | 65.2 | 0.2 | 1.0 | 0.2 | 0.6 | 98.2 | 97.4 - 98.8 | 2,473 |
| Kep, Bangka Belitung | 38.1 | 0.9 | 59.3 | 0.3 | 0.5 | 0.2 | 0.6 | 98.6 | 97.2 - 99.3 | 307 |
| Riau Islands | 48.0 | 0.6 | 50.0 | 0.0 | 0.5 | 0.1 | 0.6 | 98.7 | 97.2 - 99.4 | 647 |
| DKI Jakarta | 58.8 | 1.0 | 39.6 | 0.3 | 0.1 | 0.0 | 0.3 | 99.6 | 99.1 - 99.8 | 2,581 |
| West Java | 34.3 | 0.8 | 60.4 | 0.1 | 3.8 | 0.3 | 0.3 | 95.6 | 94.6 - 96.5 | 14,340 |
| Central Java | 44.2 | 0.8 | 53.7 | 0.1 | 0.4 | 0.2 | 0.4 | 98.9 | 98.3 - 99.3 | 9,571 |
| DI Yogyakarta | 62.8 | 0.5 | 36.6 | 0.1 | 0.0 | 0.0 | 0.0 | 100.0 | 100.0 - 100.0 | 743 |
| East Java | 42.7 | 1.1 | 54.4 | 0.1 | 0.9 | 0.2 | 0.7 | 98.2 | 97.6 - 98.7 | 9,136 |
| Banten | 33.4 | 0.8 | 56.6 | 0.0 | 8.0 | 0.2 | 1.0 | 90.8 | 88.0 - 93.0 | 3,331 |
| Bali | 73.3 | 0.7 | 25.3 | 0.0 | 0.3 | 0.1 | 0.2 | 99.3 | 98.5 - 99.7 | 988 |
| West Nusa Tenggara | 24.8 | 1.2 | 72.8 | 0.0 | 0.8 | 0.1 | 0.4 | 98.7 | 97.5 - 99.4 | 1,718 |
| East Nusa Tenggara | 23.7 | 2.7 | 64.6 | 0.2 | 6.9 | 1.2 | 0.7 | 91.1 | 89.7 - 92.4 | 1,616 |
| West Kalimantan | 24.2 | 0.7 | 67.4 | 0.6 | 6.6 | 0.1 | 0.4 | 92.9 | 90.9 - 94.5 | 1,330 |
| Central Kalimantan | 17.8 | 1.1 | 72.9 | 0.6 | 6.2 | 0.3 | 1.2 | 92.4 | 90.1 - 94.2 | 605 |
| South Kalimantan | 30.1 | 1.7 | 63.8 | 0.3 | 2.0 | 0.2 | 1.8 | 96.0 | 94.1 - 97.3 | 978 |
| East Kalimantan | 45.1 | 0.9 | 51.3 | 0.3 | 0.9 | 0.6 | 0.9 | 97.6 | 96.2 - 98.5 | 1,042 |
| North Kalimantan | 34.9 | 2.2 | 61.9 | 0.0 | 0.4 | 0.2 | 0.4 | 99.0 | 97.8 - 99.5 | 219 |
| North Sulawesi | 55.5 | 2.9 | 37.7 | 0.6 | 2.4 | 0.2 | 0.6 | 96.8 | 95.5 - 97.7 | 545 |
| Central Sulawesi | 28.8 | 4.2 | 61.5 | 0.3 | 3.4 | 0.9 | 0.9 | 94.8 | 93.4 - 95.9 | 821 |
| South Sulawesi | 37.4 | 1.3 | 58.9 | 0.0 | 0.9 | 0.6 | 0.9 | 97.6 | 96.8 - 98.2 | 2,668 |
| Southeast Sulawesi | 23.6 | 1.3 | 69.6 | 0.1 | 4.2 | 0.4 | 0.7 | 94.7 | 93.2 - 95.8 | 746 |
| Gorontalo | 44.8 | 2.9 | 50.6 | 0.1 | 1.2 | 0.0 | 0.4 | 98.4 | 97.3 - 99.1 | 323 |
| West Sulawesi | 21.1 | 2.8 | 69.1 | 0.5 | 5.1 | 0.5 | 0.9 | 93.5 | 90.5 - 95.6 | 431 |
| Maluku | 13.1 | 2.0 | 60.8 | 0.2 | 21.8 | 0.5 | 1.6 | 76.1 | 72.5 - 79.4 | 522 |
| North Maluku | 21.4 | 2.6 | 63.1 | 0.4 | 10.8 | 0.4 | 1.3 | 87.5 | 84.6 - 89.9 | 349 |
| West Papua | 18.3 | 2.6 | 57.3 | 0.6 | 7.1 | 9.8 | 4.4 | 78.7 | 71.8 - 84.3 | 153 |
| Southwest Papua | 31.0 | 1.5 | 51.1 | 0.4 | 13.1 | 2.1 | 0.9 | 84.0 | 78.4 - 88.3 | 205 |
| Papua | 33.8 | 1.3 | 51.6 | 1.8 | 7.5 | 3.5 | 0.6 | 88.5 | 85.0 - 91.2 | 240 |
| South Papua | 13.2 | 1.5 | 58.8 | 0.2 | 7.5 | 14.5 | 4.4 | 73.7 | 66.3 - 80.0 | 155 |
| Central Papua | 16.8 | 0.5 | 23.0 | 0.7 | 7.4 | 44.8 | 6.8 | 41.0 | 26.5 - 57.2 | 381 |
| Highland Papua | 9.9 | 0.6 | 43.2 | 1.4 | 34.2 | 7.5 | 3.2 | 55.1 | 44.5 - 65.3 | 339 |
| INDONESIA | 37.5 | 1.1 | 57.3 | 0.2 | 2.7 | 0.6 | 0.6 | 96.1 | 95.8 - 96.4 | 70,916 |

¹ The highest qualification is chosen if there are more than one birth attendant.

² Birth attendance by healthcare providers includes deliveries assisted by obstetricians, general practitioners, midwives/nurses.

Table 12.36 Proportion of Birth Attendants with Highest Qualification among Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Birth Attendants Highest Qualification ¹ (%) | | | | | | Birth Assistance by Health Workers ² | | Weighted N |
|--|---|-----------------------|---------|-------|---------------------|--------|---|-------|---------------|
| | Obstetricians | General Practitioners | Midwife | Nurse | Traditional Midwife | Others | No Attendants | % | |
| Age Range (Year) | | | | | | | | | |
| 10-14 | 96.7 | 0.0 | 3.3 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 100.0 - 100.0 |
| 15-19 | 19.6 | 1.3 | 60.1 | 0.1 | 8.2 | 8.5 | 2.1 | 81.2 | 65.4 - 90.9 |
| 20-24 | 28.1 | 1.5 | 65.5 | 0.2 | 3.5 | 0.7 | 0.5 | 95.3 | 94.3 - 96.2 |
| 25-29 | 37.3 | 1.0 | 58.4 | 0.2 | 2.2 | 0.4 | 0.5 | 96.9 | 96.5 - 97.3 |
| 30-34 | 38.9 | 1.1 | 56.4 | 0.1 | 2.6 | 0.4 | 0.6 | 96.5 | 95.9 - 97.0 |
| 35-39 | 41.3 | 1.1 | 54.0 | 0.1 | 2.3 | 0.5 | 0.8 | 96.4 | 95.9 - 96.8 |
| 40-44 | 43.8 | 0.9 | 50.8 | 0.2 | 2.9 | 0.7 | 0.7 | 95.7 | 94.8 - 96.5 |
| 45-49 | 40.7 | 1.1 | 51.5 | 0.1 | 4.0 | 1.1 | 1.5 | 93.5 | 91.3 - 95.1 |
| 50-54 | 16.4 | 0.9 | 60.8 | 0.3 | 7.9 | 6.7 | 7.0 | 78.4 | 64.2 - 88.0 |
| Age Group (Specific) | | | | | | | | | |
| 10 - 19 (Teenagers) | 20.0 | 1.3 | 59.9 | 0.1 | 8.1 | 8.5 | 2.1 | 81.3 | 65.5 - 90.9 |
| 15 - 49 (WRA) | 37.6 | 1.1 | 57.3 | 0.2 | 2.7 | 0.6 | 0.6 | 96.1 | 95.8 - 96.4 |
| Education | | | | | | | | | |
| Never attended school | 21.5 | 1.8 | 56.1 | 0.4 | 11.7 | 5.0 | 3.4 | 79.9 | 76.7 - 82.7 |
| Some primary school/Islamic primary school | 23.0 | 1.3 | 63.0 | 0.3 | 6.4 | 5.3 | 0.6 | 87.7 | 81.9 - 91.8 |
| Primary school/Islamic primary school graduate | 24.1 | 1.1 | 66.3 | 0.2 | 7.0 | 0.4 | 0.9 | 91.7 | 90.7 - 92.6 |
| Junior secondary school/Islamic junior secondary school graduate | 29.8 | 1.3 | 64.8 | 0.2 | 2.8 | 0.5 | 0.7 | 96.1 | 95.5 - 96.6 |
| Senior secondary school/Islamic senior secondary school graduate | 41.3 | 1.0 | 55.8 | 0.1 | 1.0 | 0.3 | 0.4 | 98.3 | 98.0 - 98.5 |
| D1/D2/D3/university graduate | 58.9 | 0.9 | 39.1 | 0.1 | 0.4 | 0.1 | 0.5 | 99.0 | 98.7 - 99.2 |
| Occupation | | | | | | | | | |
| Unemployed | 34.5 | 1.1 | 60.1 | 0.2 | 3.1 | 0.5 | 0.5 | 95.9 | 95.4 - 96.3 |
| Student | 40.3 | 1.3 | 54.0 | 0.4 | 1.6 | 1.9 | 0.4 | 96.0 | 92.5 - 97.9 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 59.0 | 1.0 | 38.5 | 0.0 | 0.5 | 0.5 | 0.5 | 98.5 | 97.5 - 99.1 |
| Private employee | 57.4 | 0.7 | 40.9 | 0.0 | 0.4 | 0.2 | 0.5 | 98.9 | 98.5 - 99.3 |
| Self-employed | 44.3 | 1.1 | 52.9 | 0.2 | 0.8 | 0.1 | 0.5 | 98.6 | 98.0 - 99.0 |
| Farmer/farm laborer | 20.2 | 1.6 | 65.6 | 0.2 | 7.1 | 3.1 | 2.2 | 87.6 | 85.3 - 89.6 |
| Fisher | 18.9 | 1.8 | 61.8 | 0.2 | 12.4 | 3.5 | 1.5 | 82.7 | 67.9 - 91.5 |
| Labor/driver/domestic help | 40.9 | 1.0 | 55.6 | 0.1 | 1.9 | 0.1 | 0.5 | 97.5 | 95.3 - 98.7 |
| Others | 32.7 | 1.4 | 61.4 | 0.3 | 2.7 | 0.7 | 0.8 | 95.8 | 94.9 - 96.5 |
| Residence | | | | | | | | | |
| Urban | 44.7 | 0.9 | 52.0 | 0.1 | 1.5 | 0.3 | 0.5 | 97.8 | 97.4 - 98.0 |
| Rural | 27.8 | 1.3 | 64.5 | 0.2 | 4.2 | 1.1 | 0.9 | 93.9 | 93.2 - 94.5 |
| Economic Status | | | | | | | | | |
| Lowest | 19.5 | 1.5 | 65.2 | 0.3 | 8.8 | 3.1 | 1.6 | 86.5 | 84.7 - 88.1 |
| Lower middle | 27.3 | 1.3 | 66.8 | 0.1 | 3.6 | 0.4 | 0.6 | 95.5 | 94.8 - 96.1 |
| Middle | 32.6 | 1.3 | 62.4 | 0.2 | 2.6 | 0.3 | 0.6 | 96.5 | 95.8 - 97.1 |
| Upper middle | 39.5 | 1.1 | 57.4 | 0.1 | 1.3 | 0.2 | 0.5 | 98.0 | 97.5 - 98.4 |
| Highest | 56.2 | 0.6 | 42.2 | 0.1 | 0.4 | 0.1 | 0.4 | 99.1 | 98.8 - 99.3 |

¹ The highest qualification is chosen if there is more than one birth attendant.

² Birth attendants by healthcare professionals are when the delivery is assisted by obstetrician-gynecologists, general practitioners, midwives, or nurses.

* Weighted N <50

Table 12.37 Proportion of Birth Attendants with the Lowest Qualifications among Women Aged 10-54 Years by Province, 2023 SKI

| Province | Birth Attendants Lowest Qualification ¹ (%) | | | | | | Birth Assistance by Health Workers ² | | Weighted N | |
|----------------------|--|-----------------------|-------------|------------|---------------------|------------|---|-------------|--------------------|---------------|
| | Obstetricians | General Practitioners | Midwife | Nurse | Traditional Midwife | Others | No Attendants | % | 95% CI | |
| Aceh | 27.6 | 0.7 | 66.8 | 4.0 | 0.4 | 0.1 | 0.4 | 99.3 | 98.9 - 99.5 | 1,472 |
| North Sumatra | 24.2 | 0.9 | 63.3 | 8.0 | 1.4 | 1.3 | 0.8 | 97.8 | 97.2 - 98.2 | 3,439 |
| West Sumatra | 32.5 | 0.9 | 56.1 | 8.7 | 1.2 | 0.2 | 0.4 | 98.5 | 98.0 - 98.9 | 1,565 |
| Riau | 27.5 | 0.8 | 57.8 | 9.5 | 3.5 | 0.6 | 0.3 | 97.4 | 96.2 - 98.2 | 1,684 |
| Jambi | 15.0 | 0.2 | 75.6 | 3.1 | 5.1 | 0.5 | 0.5 | 96.2 | 94.2 - 97.5 | 751 |
| South Sumatra | 20.8 | 0.9 | 71.0 | 3.7 | 2.7 | 0.4 | 0.5 | 97.0 | 96.1 - 97.8 | 2,021 |
| Bengkulu | 24.8 | 0.4 | 68.4 | 4.8 | 0.8 | 0.0 | 0.7 | 98.7 | 97.7 - 99.3 | 479 |
| Lampung | 22.8 | 0.6 | 69.7 | 4.0 | 1.9 | 0.3 | 0.6 | 98.2 | 97.4 - 98.8 | 2,473 |
| Kep, Bangka Belitung | 26.7 | 0.9 | 65.9 | 4.8 | 0.9 | 0.2 | 0.6 | 98.6 | 97.2 - 99.3 | 307 |
| Riau Islands | 41.1 | 0.3 | 53.8 | 2.6 | 1.5 | 0.1 | 0.6 | 98.7 | 97.2 - 99.4 | 647 |
| DKI Jakarta | 28.5 | 0.6 | 49.6 | 18.1 | 0.1 | 2.8 | 0.3 | 99.6 | 99.1 - 99.8 | 2,581 |
| West Java | 21.6 | 0.5 | 62.7 | 7.2 | 6.6 | 1.2 | 0.3 | 95.6 | 94.6 - 96.5 | 14,340 |
| Central Java | 26.7 | 0.7 | 61.1 | 8.7 | 0.7 | 1.7 | 0.4 | 98.9 | 98.3 - 99.3 | 9,571 |
| DI Yogyakarta | 39.1 | 0.3 | 50.1 | 10.2 | 0.0 | 0.3 | 0.0 | 100.0 | 100.0 - 100.0 | 743 |
| East Java | 26.4 | 0.7 | 62.7 | 7.5 | 1.3 | 0.6 | 0.7 | 98.2 | 97.6 - 98.7 | 9,136 |
| Banten | 21.3 | 0.8 | 62.2 | 4.0 | 10.2 | 0.5 | 1.0 | 90.8 | 88.0 - 93.0 | 3,331 |
| Bali | 54.9 | 1.1 | 33.3 | 9.5 | 0.3 | 0.6 | 0.2 | 99.3 | 98.5 - 99.7 | 988 |
| West Nusa Tenggara | 14.1 | 0.3 | 76.4 | 2.3 | 5.0 | 1.4 | 0.4 | 98.7 | 97.5 - 99.4 | 1,718 |
| East Nusa Tenggara | 14.4 | 1.1 | 70.6 | 4.0 | 7.6 | 1.6 | 0.7 | 91.1 | 89.7 - 92.4 | 1,616 |
| West Kalimantan | 17.9 | 0.2 | 70.9 | 2.8 | 7.3 | 0.4 | 0.4 | 92.9 | 90.9 - 94.5 | 1,330 |
| Central Kalimantan | 11.7 | 0.6 | 72.1 | 3.4 | 10.5 | 0.6 | 1.2 | 92.4 | 90.1 - 94.2 | 605 |
| South Kalimantan | 15.8 | 0.8 | 74.7 | 4.1 | 2.3 | 0.5 | 1.8 | 96.0 | 94.1 - 97.3 | 978 |
| East Kalimantan | 26.2 | 0.4 | 60.3 | 9.7 | 1.0 | 1.5 | 0.9 | 97.6 | 96.2 - 98.5 | 1,042 |
| North Kalimantan | 16.6 | 2.3 | 63.8 | 15.5 | 1.0 | 0.4 | 0.4 | 99.0 | 97.8 - 99.5 | 219 |
| North Sulawesi | 26.0 | 0.9 | 50.9 | 15.8 | 3.8 | 2.1 | 0.6 | 96.8 | 95.5 - 97.7 | 545 |
| Central Sulawesi | 14.9 | 1.0 | 68.0 | 5.6 | 6.5 | 3.1 | 0.9 | 94.8 | 93.4 - 95.9 | 821 |
| South Sulawesi | 19.5 | 0.8 | 67.6 | 8.3 | 1.9 | 1.1 | 0.9 | 97.6 | 96.8 - 98.2 | 2,668 |
| Southeast Sulawesi | 14.1 | 0.5 | 70.4 | 2.3 | 10.5 | 1.5 | 0.7 | 94.7 | 93.2 - 95.8 | 746 |
| Gorontalo | 19.8 | 0.7 | 62.3 | 7.8 | 8.7 | 0.4 | 0.4 | 98.4 | 97.3 - 99.1 | 323 |
| West Sulawesi | 12.6 | 0.6 | 72.8 | 1.9 | 10.2 | 1.0 | 0.9 | 93.5 | 90.5 - 95.6 | 431 |
| Maluku | 9.3 | 0.4 | 58.9 | 0.7 | 28.4 | 0.7 | 1.6 | 76.1 | 72.5 - 79.4 | 522 |
| North Maluku | 9.1 | 0.5 | 68.0 | 3.3 | 16.6 | 1.2 | 1.3 | 87.5 | 84.6 - 89.9 | 349 |
| West Papua | 10.8 | 0.3 | 64.5 | 2.7 | 7.4 | 9.9 | 4.4 | 78.7 | 71.8 - 84.3 | 153 |
| Southwest Papua | 24.7 | 1.0 | 55.4 | 1.6 | 14.0 | 2.4 | 0.9 | 84.0 | 78.4 - 88.3 | 205 |
| Papua | 13.4 | 0.7 | 59.3 | 11.5 | 8.3 | 6.3 | 0.6 | 88.5 | 85.0 - 91.2 | 240 |
| South Papua | 6.6 | 0.6 | 64.7 | 1.4 | 7.2 | 15.2 | 4.4 | 73.7 | 66.3 - 80.0 | 155 |
| Central Papua | 11.1 | 0.4 | 26.7 | 2.0 | 7.6 | 45.3 | 6.8 | 41.0 | 26.5 - 57.2 | 381 |
| Highland Papua | 4.1 | 0.3 | 42.8 | 2.4 | 39.4 | 7.9 | 3.2 | 55.1 | 44.5 - 65.3 | 339 |
| INDONESIA | 23.4 | 0.6 | 62.7 | 7.1 | 4.1 | 1.4 | 0.6 | 96.1 | 95.8 - 96.4 | 70,916 |

¹ The lowest qualification is chosen if there are more than one birth attendant.

² Birth assistance by healthcare personnel is when the birth is assisted by obstetrician-gynecologists, general practitioners, midwives, or nurses.

Table 12.38 Proportion of Birth Attendants with the Lowest Qualification among Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Birth Attendants Lowest Qualification ¹ (%) | | | | | | Birth Assistance by Health Workers ² | | | Weighted N |
|--|--|-----------------------|---------|-------|---------------------|--------|---|-------|---------------|------------|
| | Obstetricians | General Practitioners | Midwife | Nurse | Traditional Midwife | Others | No Attendants | % | 95% CI | |
| Age Range (Year) | | | | | | | | | | |
| 10-14 | 48.7 | N/A | 39.0 | 12.3 | N/A | N/A | N/A | 100.0 | 100.0 - 100.0 | 4* |
| 15-19 | 11.2 | 0.4 | 63.8 | 4.5 | 9.1 | 8.9 | 2.1 | 81.2 | 65.4 - 90.9 | 853 |
| 20-24 | 16.8 | 0.7 | 69.5 | 5.7 | 5.5 | 1.5 | 0.5 | 95.3 | 94.3 - 96.2 | 9,851 |
| 25-29 | 22.8 | 0.5 | 63.9 | 7.4 | 3.8 | 1.1 | 0.5 | 96.9 | 96.5 - 97.3 | 20,434 |
| 30-34 | 24.9 | 0.7 | 62.0 | 6.7 | 3.8 | 1.4 | 0.6 | 96.5 | 95.9 - 97.0 | 19,354 |
| 35-39 | 26.0 | 0.8 | 60.1 | 7.9 | 3.3 | 1.1 | 0.8 | 96.4 | 95.9 - 96.8 | 13,042 |
| 40-44 | 27.5 | 0.6 | 57.1 | 8.3 | 4.2 | 1.6 | 0.7 | 95.7 | 94.8 - 96.5 | 5,959 |
| 45-49 | 27.4 | 1.1 | 55.3 | 7.7 | 5.5 | 1.5 | 1.5 | 93.5 | 91.3 - 95.1 | 1,276 |
| 50-54 | 11.3 | 0.4 | 62.5 | 1.4 | 9.3 | 8.1 | 7.0 | 78.4 | 64.2 - 88.0 | 143 |
| Age Group (Specific) | | | | | | | | | | |
| 10 - 19 (Teenagers) | 11.3 | 0.4 | 63.7 | 4.6 | 9.1 | 8.9 | 2.1 | 81.3 | 65.5 - 90.9 | 857 |
| 15 - 49 (WRA) | 23.4 | 0.6 | 62.7 | 7.1 | 4.1 | 1.4 | 0.6 | 96.1 | 95.8 - 96.4 | 70,769 |
| Education | | | | | | | | | | |
| Never attended school | 13.6 | 0.7 | 58.2 | 3.9 | 14.4 | 5.9 | 3.4 | 79.9 | 76.7 - 82.7 | 1,171 |
| Some primary school/Islamic primary school | 13.9 | 1.0 | 62.8 | 6.0 | 9.8 | 5.9 | 0.6 | 87.7 | 81.9 - 91.8 | 2,586 |
| Primary school/Islamic primary school graduate | 14.6 | 0.4 | 68.4 | 4.9 | 9.7 | 1.0 | 0.9 | 91.7 | 90.7 - 92.6 | 11,827 |
| Junior secondary school/Islamic junior secondary school graduate | 18.1 | 0.7 | 69.2 | 5.5 | 4.5 | 1.3 | 0.7 | 96.1 | 95.5 - 96.6 | 16,324 |
| Senior secondary school/Islamic senior secondary school graduate | 25.5 | 0.7 | 62.2 | 8.2 | 1.8 | 1.1 | 0.4 | 98.3 | 98.0 - 98.5 | 27,898 |
| D1/D2/D3/university graduate | 38.6 | 0.6 | 49.0 | 9.4 | 0.7 | 1.1 | 0.5 | 99.0 | 98.7 - 99.2 | 11,110 |
| Occupation | | | | | | | | | | |
| Unemployed | 21.1 | 0.7 | 64.9 | 6.8 | 4.7 | 1.2 | 0.5 | 95.9 | 95.4 - 96.3 | 44,394 |
| Student | 28.0 | 0.6 | 59.8 | 7.0 | 1.7 | 2.5 | 0.4 | 96.0 | 92.5 - 97.9 | 404 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 39.8 | 0.9 | 47.7 | 8.9 | 1.0 | 1.3 | 0.5 | 98.5 | 97.5 - 99.1 | 2,098 |
| Private employee | 37.4 | 0.6 | 49.5 | 10.2 | 0.6 | 1.2 | 0.5 | 98.9 | 98.5 - 99.3 | 6,715 |
| Self-employed | 28.7 | 0.7 | 60.7 | 7.2 | 1.4 | .8 | 0.5 | 98.6 | 98.0 - 99.0 | 6,210 |
| Farmer/farm laborer | 12.1 | 0.7 | 68.5 | 3.5 | 9.2 | 3.9 | 2.2 | 87.6 | 85.3 - 89.6 | 3,362 |
| Fisher | 12.8 | | 65.1 | 1.2 | 15.9 | 3.5 | 1.5 | 82.7 | 67.9 - 91.5 | 58 |
| Labor/driver/domestic help | 22.9 | 0.6 | 61.9 | 9.7 | 3.1 | 1.3 | 0.5 | 97.5 | 95.3 - 98.7 | 1,399 |
| Others | 20.5 | 0.6 | 65.7 | 6.2 | 4.3 | 1.8 | 0.8 | 95.8 | 94.9 - 96.5 | 6,276 |
| Residence | | | | | | | | | | |
| Urban | 27.9 | 0.7 | 58.5 | 8.7 | 2.5 | 1.2 | 0.5 | 97.8 | 97.4 - 98.0 | 40,729 |
| Rural | 17.3 | 0.6 | 68.5 | 5.0 | 6.2 | 1.6 | 0.9 | 93.9 | 93.2 - 94.5 | 30,187 |
| Economic Status | | | | | | | | | | |
| Lowest | 11.6 | 0.6 | 66.5 | 4.0 | 11.9 | 3.9 | 1.6 | 86.5 | 84.7 - 88.1 | 8,806 |
| Lower middle | 15.8 | 0.5 | 71.1 | 5.8 | 5.3 | .9 | 0.6 | 95.5 | 94.8 - 96.1 | 12,229 |
| Middle | 19.4 | 0.8 | 67.8 | 6.1 | 4.2 | 1.0 | 0.6 | 96.5 | 95.8 - 97.1 | 15,071 |
| Upper middle | 25.2 | 0.7 | 63.1 | 7.1 | 2.3 | 1.2 | 0.5 | 98.0 | 97.5 - 98.4 | 17,281 |
| Highest | 36.3 | 0.6 | 50.4 | 10.3 | 0.9 | 1.0 | 0.4 | 99.1 | 98.8 - 99.3 | 17,528 |

¹ The lowest qualification is chosen if there is more than one birth attendant.

² Birth attendance by healthcare providers is when the delivery is assisted by obstetricians and gynecologists, general practitioners, midwives/nurses.

* Weighted N <50

Table 12.39 Proportion of Childbirth Locations Utilized by Women Aged 10-54 Years by Province, 2023 SKI

| Province | Delivery Location (%) | | | | | | | | | | Fasyankes ¹ | | Weighted N | |
|--------------------|-----------------------|------------------|------------------|---------------------------|---------------------------|------------------|--------------------|------------|--------------------|-------------|------------------------|---------------|------------|--------|
| | Government Hospital | | Private Hospital | | Puskesmas / Pustu/Pusling | | Midwife practice | | Poskesdes Polindes | | At home | Others | % | 95% CI |
| | Government Hospital | Private Hospital | Clinic | Puskesmas / Pustu/Pusling | Med. practice | Midwife practice | Poskesdes Polindes | At home | Others | % | 95% CI | | | |
| Aceh | 22.1 | 16.4 | 5.1 | 8.0 | 0.8 | 36.7 | 8.0 | 2.8 | 0.0 | 89.2 | 87.5 - 90.7 | 1,472 | | |
| North Sumatra | 11.3 | 26.8 | 15.1 | 15.6 | 0.7 | 22.8 | 1.3 | 6.3 | 0.1 | 92.4 | 91.1 - 93.5 | 3,439 | | |
| West Sumatra | 11.6 | 32.5 | 6.6 | 14.0 | 0.9 | 25.5 | 4.9 | 3.6 | 0.4 | 91.0 | 89.5 - 92.3 | 1,565 | | |
| Riau | 10.4 | 30.4 | 13.7 | 10.3 | 1.5 | 22.9 | 1.7 | 8.9 | 0.2 | 89.2 | 87.0 - 91.0 | 1,684 | | |
| Jambi | 10.1 | 13.3 | 6.5 | 18.6 | 0.7 | 31.7 | 7.2 | 12.0 | 0.0 | 80.7 | 77.4 - 83.7 | 751 | | |
| South Sumatra | 12.6 | 18.4 | 6.3 | 7.1 | 1.0 | 36.5 | 10.0 | 8.1 | 0.1 | 81.8 | 79.7 - 83.7 | 2,021 | | |
| Bengkulu | 15.8 | 19.7 | 7.8 | 10.4 | 1.2 | 39.7 | 1.7 | 3.5 | 0.1 | 94.7 | 92.6 - 96.1 | 479 | | |
| Lampung | 5.0 | 27.9 | 3.7 | 3.7 | 0.9 | 53.6 | 1.9 | 2.8 | 0.3 | 94.9 | 92.7 - 96.5 | 2,473 | | |
| Bangka Belitung | 21.0 | 28.2 | 6.0 | 18.6 | 0.9 | 19.1 | 2.0 | 3.9 | 0.4 | 93.7 | 91.2 - 95.6 | 307 | | |
| Riau Islands | 14.7 | 35.0 | 10.5 | 6.4 | 2.2 | 27.9 | 0.8 | 2.4 | 0.1 | 96.7 | 95.1 - 97.8 | 647 | | |
| DKI Jakarta | 22.4 | 38.3 | 9.7 | 14.2 | 0.1 | 14.9 | 0.0 | 0.3 | 0.0 | 99.7 | 99.2 - 99.9 | 2,581 | | |
| West Java | 10.3 | 25.2 | 9.0 | 10.3 | 0.6 | 34.4 | 0.7 | 9.5 | 0.1 | 89.8 | 88.3 - 91.0 | 14,340 | | |
| Central Java | 15.8 | 34.6 | 6.6 | 25.0 | 0.6 | 15.2 | 0.5 | 1.4 | 0.3 | 97.8 | 97.0 - 98.4 | 9,571 | | |
| DI Yogyakarta | 20.8 | 45.0 | 8.6 | 6.3 | 1.2 | 17.9 | 0.0 | 0.2 | 0.0 | 99.8 | 98.6 - 100.0 | 743 | | |
| East Java | 13.9 | 36.0 | 2.7 | 13.6 | 0.6 | 28.2 | 2.5 | 2.1 | 0.3 | 95.1 | 94.2 - 95.8 | 9,136 | | |
| Banten | 8.5 | 28.1 | 9.4 | 19.0 | 0.4 | 21.9 | 0.4 | 12.4 | 0.0 | 87.3 | 85.0 - 89.2 | 3,331 | | |
| Bali | 19.2 | 54.9 | 3.4 | 4.0 | 0.4 | 17.3 | 0.0 | 0.4 | 0.4 | 99.2 | 98.0 - 99.7 | 988 | | |
| West Nusa Tenggara | 18.9 | 11.1 | 1.9 | 25.7 | 0.3 | 6.5 | 32.7 | 2.6 | 0.3 | 64.3 | 60.3 - 68.2 | 1,718 | | |
| East Nusa Tenggara | 23.2 | 11.2 | 2.1 | 49.6 | 0.1 | 0.8 | 0.8 | 12.0 | 0.3 | 87.0 | 85.3 - 88.5 | 1,616 | | |
| West Kalimantan | 15.1 | 14.3 | 7.9 | 25.3 | 0.2 | 17.3 | 3.2 | 16.7 | 0.1 | 80.0 | 77.1 - 82.7 | 1,330 | | |
| Central Kalimantan | 17.7 | 4.8 | 11.2 | 19.3 | 0.1 | 14.3 | 4.4 | 28.1 | 0.1 | 67.4 | 63.7 - 70.8 | 605 | | |
| South Kalimantan | 22.8 | 16.4 | 5.8 | 15.3 | 0.2 | 19.3 | 12.4 | 7.8 | 0.1 | 79.7 | 76.9 - 82.2 | 978 | | |
| East Kalimantan | 26.0 | 31.2 | 11.7 | 11.6 | 0.2 | 13.2 | 1.2 | 4.2 | 0.7 | 93.9 | 91.7 - 95.6 | 1,042 | | |
| North Kalimantan | 52.3 | 4.9 | 4.1 | 21.1 | 1.2 | 12.9 | 0.0 | 3.4 | 0.0 | 96.6 | 94.5 - 97.9 | 219 | | |
| North Sulawesi | 28.5 | 34.9 | 7.5 | 19.6 | 0.3 | 2.3 | 0.6 | 6.2 | 0.2 | 93.0 | 91.0 - 94.6 | 545 | | |
| Central Sulawesi | 20.4 | 15.9 | 3.5 | 44.1 | 0.3 | 2.3 | 2.3 | 10.8 | 0.4 | 86.5 | 84.3 - 88.4 | 821 | | |
| South Sulawesi | 29.8 | 21.3 | 3.6 | 31.4 | 0.3 | 7.4 | 1.6 | 4.4 | 0.1 | 93.9 | 92.7 - 94.8 | 2,668 | | |
| Southeast Sulawesi | 17.7 | 11.1 | 4.1 | 46.0 | 0.5 | 3.2 | 2.2 | 14.8 | 0.5 | 82.5 | 80.4 - 84.5 | 746 | | |
| Gorontalo | 32.1 | 23.9 | 1.2 | 37.5 | 0.2 | 0.9 | 0.8 | 3.5 | 0.0 | 95.7 | 93.7 - 97.2 | 323 | | |
| West Sulawesi | 20.9 | 6.1 | 3.3 | 49.1 | 0.5 | 6.0 | 3.3 | 10.6 | 0.2 | 85.9 | 81.8 - 89.1 | 431 | | |
| Maluku | 18.3 | 9.2 | 1.1 | 17.5 | 0.1 | 2.0 | 2.5 | 48.9 | 0.3 | 48.2 | 44.1 - 52.3 | 522 | | |
| North Maluku | 28.6 | 4.4 | 2.5 | 27.2 | 0.0 | 1.1 | 7.6 | 28.1 | 0.6 | 63.6 | 59.8 - 67.3 | 349 | | |
| West Papua | 30.6 | 8.3 | 0.9 | 32.8 | 0.0 | 0.4 | 0.2 | 25.9 | 1.0 | 72.9 | 66.1 - 78.8 | 153 | | |
| Southwest Papua | 27.2 | 19.4 | 1.7 | 16.2 | 0.0 | 1.4 | 0.6 | 33.3 | 0.3 | 65.8 | 59.9 - 71.3 | 205 | | |
| Papua | 40.5 | 20.2 | 1.1 | 15.5 | 0.1 | 0.8 | 0.0 | 21.8 | 0.1 | 78.1 | 73.9 - 81.8 | 240 | | |
| South Papua | 17.4 | 7.3 | 13.5 | 29.2 | 0.1 | 3.4 | 0.4 | 26.4 | 2.2 | 71.0 | 63.0 - 77.8 | 155 | | |
| Central Papua | 16.1 | 6.2 | 5.2 | 6.8 | 0.3 | 1.2 | 0.0 | 64.1 | 0.1 | 35.8 | 23.0 - 50.9 | 381 | | |
| Highland Papua | 11.4 | 0.7 | 3.0 | 20.8 | 0.0 | 0.0 | 0.0 | 64.2 | 0.0 | 35.8 | 28.6 - 43.8 | 339 | | |
| INDONESIA | 15.2 | 27.0 | 6.9 | 17.2 | 0.6 | 23.0 | 2.7 | 7.2 | 0.2 | 89.9 | 89.5 - 90.3 | 70,916 | | |

¹ Healthcare facilities consist of government hospitals, private hospitals, clinics, community health centers (Puskesmas) and their networks, and healthcare practitioner practices.

Table 12.40 Proportion of Birthplaces Utilized by Women Aged 10-54 Years by Characteristic, 2023 SKI

| Province | Delivery Location (%) | | | | | | | | | Fasyankes ¹ | Weighted N |
|--|-----------------------|------------------|--------|---------------------------|---------------|------------------|--------------------|---------|--------|------------------------|---------------|
| | Government Hospital | Private Hospital | Clinic | Puskesmas / Pustu/Pusling | Med. practice | Midwife practice | Poskesdes Polindes | At Home | Others | | |
| Age Range (Year) | | | | | | | | | | | |
| 10-14 | 21.3 | 78.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 100.0 | 100.0 - 100.0 |
| 15-19 | 14.0 | 11.1 | 4.0 | 20.4 | 0.9 | 21.0 | 4.5 | 23.5 | 0.7 | 71.4 | 58.3 - 81.6 |
| 20-24 | 13.1 | 20.0 | 5.8 | 21.3 | 0.6 | 25.6 | 3.9 | 9.4 | 0.3 | 86.4 | 85.0 - 87.7 |
| 25-29 | 15.1 | 27.5 | 6.7 | 17.1 | 0.6 | 24.0 | 2.7 | 6.2 | 0.1 | 91.0 | 90.4 - 91.6 |
| 30-34 | 14.8 | 28.5 | 7.9 | 16.0 | 0.4 | 23.1 | 2.6 | 6.5 | 0.2 | 90.8 | 90.0 - 91.4 |
| 35-39 | 16.2 | 29.3 | 7.2 | 16.1 | 0.6 | 21.8 | 1.9 | 6.6 | 0.2 | 91.3 | 90.5 - 92.0 |
| 40-44 | 18.2 | 29.8 | 6.0 | 16.0 | 0.7 | 19.4 | 2.1 | 7.6 | 0.3 | 90.0 | 88.8 - 91.1 |
| 45-49 | 18.4 | 25.3 | 4.9 | 19.5 | 0.6 | 17.3 | 3.2 | 10.7 | 0.2 | 85.9 | 83.3 - 88.2 |
| 50-54 | 9.2 | 11.4 | 5.0 | 30.4 | 0.2 | 18.7 | 1.5 | 23.6 | 0.1 | 74.8 | 62.5 - 84.1 |
| Age Group (Specific) | | | | | | | | | | | |
| 10 - 19 (Teenagers) | 14.0 | 11.4 | 4.0 | 20.3 | 0.9 | 20.9 | 4.5 | 23.3 | 0.7 | 71.5 | 58.5 - 81.7 |
| 15 - 49 (WRA) | 15.2 | 27.0 | 6.9 | 17.2 | 0.6 | 23.0 | 2.7 | 7.2 | 0.2 | 89.9 | 89.5 - 90.4 |
| Education | | | | | | | | | | | |
| Never attended school | 13.4 | 11.5 | 4.0 | 19.5 | 0.3 | 15.0 | 5.2 | 31.0 | 0.2 | 63.6 | 59.5 - 67.5 |
| Some primary school/Islamic primary school | 13.1 | 14.3 | 4.8 | 21.9 | 1.0 | 20.9 | 4.5 | 19.1 | 0.4 | 76.0 | 71.0 - 80.4 |
| Primary school/Islamic primary school graduate | 12.9 | 15.0 | 5.7 | 24.0 | 0.5 | 23.3 | 3.5 | 14.8 | 0.2 | 81.4 | 80.1 - 82.7 |
| Junior secondary school/Islamic junior secondary school graduate | 13.3 | 21.1 | 6.2 | 20.7 | 0.7 | 27.1 | 3.0 | 7.5 | 0.3 | 89.2 | 88.3 - 90.0 |
| Senior secondary school/Islamic senior secondary school graduate | 16.1 | 30.0 | 8.1 | 14.9 | 0.5 | 24.2 | 2.3 | 3.7 | 0.1 | 93.9 | 93.5 - 94.3 |
| D1/D2/D3/university graduate | 19.0 | 45.4 | 6.7 | 9.3 | 0.6 | 15.1 | 1.5 | 2.4 | 0.1 | 96.0 | 95.5 - 96.5 |
| Occupation | | | | | | | | | | | |
| Unemployed | 14.3 | 24.8 | 7.3 | 17.4 | 0.6 | 24.8 | 2.7 | 7.9 | 0.2 | 89.2 | 88.6 - 89.7 |
| Student | 21.5 | 27.8 | 4.7 | 13.9 | 0.6 | 20.5 | 3.7 | 7.3 | 0.0 | 88.9 | 84.2 - 92.4 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 24.8 | 39.9 | 6.6 | 9.3 | 0.4 | 14.1 | 1.5 | 3.2 | 0.1 | 95.1 | 94.0 - 96.1 |
| Private employee | 15.4 | 46.4 | 7.9 | 9.9 | 0.5 | 17.3 | 0.9 | 1.7 | 0.1 | 97.3 | 96.7 - 97.8 |
| Self-employed | 15.4 | 33.7 | 7.1 | 14.7 | 0.6 | 23.4 | 2.1 | 2.8 | 0.2 | 94.9 | 94.0 - 95.7 |
| Farmer/farm laborer | 13.1 | 11.6 | 3.1 | 29.2 | 0.3 | 17.0 | 6.4 | 19.0 | 0.3 | 74.4 | 71.9 - 76.7 |
| Fisher | 12.9 | 15.6 | 1.2 | 26.3 | 0.2 | 19.5 | | 24.2 | 0.1 | 75.7 | 59.5 - 86.9 |
| Labor/driver/domestic help | 18.4 | 27.4 | 4.9 | 17.1 | 0.7 | 25.7 | 1.7 | 3.8 | 0.3 | 94.3 | 91.9 - 96.0 |
| Others | 18.3 | 19.2 | 5.3 | 22.7 | 0.4 | 22.3 | 3.2 | 8.3 | 0.4 | 88.2 | 86.9 - 89.3 |
| Residence | | | | | | | | | | | |
| Urban | 15.8 | 34.0 | 8.3 | 11.8 | 0.5 | 24.3 | 1.3 | 3.8 | 0.1 | 94.9 | 94.4 - 95.3 |
| Rural | 14.5 | 17.5 | 4.9 | 24.5 | 0.6 | 21.2 | 4.5 | 11.9 | 0.3 | 83.2 | 82.4 - 84.0 |
| Economic Status | | | | | | | | | | | |
| Lowest | 14.0 | 10.8 | 3.3 | 28.5 | 0.3 | 17.4 | 4.2 | 21.2 | 0.3 | 74.3 | 72.5 - 76.0 |
| Lower middle | 16.0 | 16.8 | 4.9 | 23.8 | 0.4 | 24.4 | 4.3 | 9.2 | 0.2 | 86.2 | 85.2 - 87.2 |
| Middle | 15.2 | 22.7 | 6.6 | 19.2 | 0.6 | 25.3 | 3.4 | 6.7 | 0.3 | 89.6 | 88.6 - 90.5 |
| Upper middle | 15.4 | 28.5 | 8.2 | 14.6 | 0.7 | 25.7 | 2.1 | 4.7 | 0.1 | 93.1 | 92.3 - 93.8 |
| Highest | 15.3 | 44.5 | 9.0 | 7.8 | 0.7 | 20.3 | 0.6 | 1.8 | 0.1 | 97.5 | 97.1 - 97.8 |

¹ Healthcare Facilities consist of government hospitals, private hospitals, clinics, health centers and their networks, and healthcare provider practices

* Weighted N <50

5. Proportion of Delivery Financing Sources

The sources of expenses used by mothers during childbirth, including BPJS/KIS (government health insurance), private insurance, employer's expense, other people's expense, self-funding, Jampersal (free maternity care for the poor), Jampersalda (free maternity care for the poor in a village), or others.

Proportion of Delivery Financing Sources =

Number of women aged 10-54 years according to the type of funding source for the expenses of the last childbirth

X 100

Number of women aged 10-54 years who gave birth at the place of delivery from January 1, 2018, to the interview date

6. Proportion of Delivery Methods

The method or way mothers give birth to babies, including normal delivery, cesarean section, and others (including vacuum and forceps).

Proportion of Delivery Methods =

Number of women aged 10-54 years according to the delivery method during the last childbirth

X 100

Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date

Table 12.41 Proportion of Sources of Financing for Delivery at Delivery Place for Women Aged 10-54 Years by Province, 2023 SKI

| Province | Delivery Financing Sources (%) | | | | | | | | Weighted N |
|--------------------|--------------------------------|----------------------|--------------------|-------------------------------|-------------------------------|----------------|---------------|------------|---------------|
| | BPJS/ KIS | Private Insurance | Office Expenses | Other People's Expenses | Out-of- Pocket Expenses | Jam- persal | Jam- perda | Others | |
| Aceh | 87.4 | 0.6 | 0.2 | 0.1 | 7.9 | 2.9 | 0.1 | 0.1 | 1,472 |
| North Sumatra | 55.1 | 1.1 | 1.3 | 0.2 | 36.8 | 1.1 | 0.1 | 0.1 | 3,439 |
| West Sumatra | 65.7 | 1.2 | 0.8 | 0.1 | 27.8 | 1.5 | 0.1 | 0.2 | 1,565 |
| Riau | 48.6 | 2.2 | 1.4 | 0.1 | 38.1 | 0.8 | 0.1 | 0.4 | 1,684 |
| Jambi | 43.1 | 1.0 | 0.5 | 0.1 | 41.8 | 1.3 | 0.7 | 0.1 | 751 |
| South Sumatra | 42.1 | 1.2 | 0.4 | 0.0 | 48.7 | 0.9 | 0.1 | 0.2 | 2,021 |
| Bengkulu | 66.6 | 0.7 | 0.6 | 0.1 | 27.0 | 1.4 | 0.4 | 0.2 | 479 |
| Lampung | 59.2 | 0.5 | 0.3 | 0.2 | 36.3 | 2.0 | 0.6 | 0.5 | 2,473 |
| Bangka Belitung | 64.4 | 0.8 | 0.1 | 0.2 | 29.3 | 0.8 | 0.0 | 0.2 | 307 |
| Riau Islands | 64.4 | 1.1 | 0.2 | 0.1 | 32.3 | 0.8 | 0.1 | 0.2 | 647 |
| DKI Jakarta | 67.4 | 3.1 | 2.3 | 0.0 | 28.5 | 0.5 | 0.0 | 0.1 | 2,581 |
| West Java | 47.6 | 2.0 | 1.6 | 0.2 | 40.4 | 1.5 | 0.2 | 0.6 | 14,340 |
| Central Java | 64.5 | 0.5 | 0.5 | 0.1 | 32.2 | 1.4 | 0.2 | 0.4 | 9,571 |
| DI Yogyakarta | 66.6 | 1.9 | 2.1 | 0.0 | 30.0 | 3.1 | 0.5 | 0.6 | 743 |
| East Java | 55.5 | 0.9 | 0.6 | 0.0 | 39.6 | 1.7 | 0.3 | 0.8 | 9,136 |
| Banten | 49.0 | 1.6 | 1.7 | 0.1 | 34.6 | 1.4 | 0.1 | 0.7 | 3,331 |
| Bali | 75.7 | 1.7 | 1.2 | 0.1 | 23.5 | 0.3 | 0.4 | 0.0 | 988 |
| West Nusa Tenggara | 63.4 | 0.8 | 0.6 | 0.0 | 30.0 | 3.0 | 0.2 | 0.9 | 1,718 |
| East Nusa Tenggara | 66.9 | 0.5 | 0.5 | 0.0 | 11.5 | 3.3 | 1.7 | 5.2 | 1,616 |
| West Kalimantan | 48.7 | 0.8 | 1.4 | 0.2 | 32.5 | 1.0 | 0.1 | 0.1 | 1,330 |
| Central Kalimantan | 35.8 | 0.6 | 2.6 | 0.3 | 32.0 | 1.1 | 0.4 | 0.6 | 605 |
| South Kalimantan | 58.3 | 1.2 | 1.0 | 0.3 | 32.7 | 0.9 | 0.3 | 0.5 | 978 |
| East Kalimantan | 67.7 | 4.2 | 4.8 | 0.1 | 22.1 | 0.1 | 0.0 | 0.2 | 1,042 |
| North Kalimantan | 79.4 | 1.3 | 0.4 | 0.1 | 15.5 | 0.2 | 0.2 | 0.7 | 219 |
| North Sulawesi | 77.0 | 2.0 | 0.5 | 0.1 | 19.3 | 0.4 | 0.1 | 0.2 | 545 |
| Central Sulawesi | 74.0 | 0.4 | 0.6 | 0.1 | 14.0 | 2.3 | 0.2 | 1.5 | 821 |
| South Sulawesi | 80.5 | 1.1 | 0.8 | 0.2 | 15.2 | 0.4 | 0.0 | 0.7 | 2,668 |
| Southeast Sulawesi | 67.2 | 1.1 | 0.9 | 0.1 | 13.8 | 1.5 | 0.6 | 0.6 | 746 |
| Gorontalo | 90.0 | 1.1 | 0.2 | 0.0 | 3.7 | 1.1 | 0.0 | 0.7 | 323 |
| West Sulawesi | 81.5 | 1.0 | 0.4 | 0.0 | 7.7 | 1.2 | 0.0 | 0.3 | 431 |
| Maluku | 32.7 | 0.2 | 0.0 | 0.2 | 15.4 | 1.3 | 0.1 | 1.7 | 522 |
| North Maluku | 44.6 | 0.5 | 0.5 | 0.0 | 18.7 | 3.5 | 2.8 | 2.5 | 349 |
| West Papua | 57.9 | 0.0 | 0.4 | 0.0 | 16.7 | 1.1 | 1.1 | 1.1 | 153 |
| Southwest Papua | 55.1 | 0.4 | 0.0 | 0.0 | 12.6 | 0.3 | 0.1 | 0.2 | 205 |
| Papua | 66.0 | 0.8 | 0.2 | 0.0 | 15.0 | 0.3 | 1.0 | 0.8 | 240 |
| South Papua | 44.6 | 0.1 | 10.2 | 0.0 | 8.1 | 2.2 | 2.5 | 5.7 | 155 |
| Central Papua | 21.3 | 0.5 | 3.2 | 0.1 | 12.3 | 0.2 | 1.2 | 0.6 | 381 |
| Highland Papua | 17.2 | 0.2 | 0.1 | 0.0 | 18.2 | 1.0 | 0.7 | 0.6 | 339 |
| INDONESIA | 57.8 | 1.3 | 1.1 | 0.1 | 32.4 | 1.4 | 0.3 | 0.6 | 70,916 |

Table 12.42 Proportion of Delivery Financing Sources at Delivery Sites for Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Delivery Financing Sources (%) | | | | | | | | Weighted N |
|--|--------------------------------|----------------------|--------------------|----------------------------|-------------------------------|----------------|---------------|--------|------------|
| | BPJS/ KIS | Private Insurance | Office Expenses | Other People's Expenses | Out-of- Pocket Expenses | Jam- persal | Jam- perda | Others | |
| Age Range (Year) | | | | | | | | | |
| 10-14 | 94.3 | 0.0 | 0.0 | 0.0 | 0.0 | 5.7 | 0.0 | 0.0 | 4* |
| 15-19 | 43.3 | 14.6 | 1.8 | 0.0 | 27.0 | 2.2 | 0.0 | 1.6 | 853 |
| 20-24 | 55.2 | 0.5 | 0.3 | 0.0 | 34.2 | 1.7 | 0.3 | 0.6 | 9,851 |
| 25-29 | 59.1 | 1.1 | 1.2 | 0.1 | 32.5 | 1.3 | 0.2 | 0.6 | 20,434 |
| 30-34 | 58.0 | 1.7 | 1.2 | 0.1 | 32.6 | 1.3 | 0.2 | 0.6 | 19,354 |
| 35-39 | 58.6 | 1.7 | 1.3 | 0.1 | 31.8 | 1.2 | 0.4 | 0.6 | 13,042 |
| 40-44 | 58.6 | 1.1 | 1.2 | 0.2 | 30.4 | 1.7 | 0.2 | 0.7 | 5,959 |
| 45-49 | 53.9 | 0.6 | 1.0 | 0.5 | 31.7 | 2.4 | 0.3 | 0.5 | 1,276 |
| 50-54 | 43.0 | 0.0 | 0.4 | 0.4 | 28.0 | 1.2 | 2.4 | 1.6 | 143 |
| Age Group (Specific) | | | | | | | | | |
| 10 - 19 (Teenagers) | 43.6 | 0.1 | 1.8 | 100.0 | 26.9 | 2.2 | 100.0 | 1.6 | 857 |
| 15 - 49 (WRA) | 57.8 | 1.3 | 1.1 | 0.1 | 32.4 | 1.4 | 0.3 | 0.6 | 70,769 |
| Education | | | | | | | | | |
| Never attended school | 43.7 | 0.1 | 0.4 | 0.0 | 22.5 | 0.8 | 0.9 | 1.4 | 1,171 |
| Some primary school/Islamic primary school | 49.9 | 0.5 | 1.2 | 0.1 | 28.1 | 1.5 | 0.2 | 0.8 | 2,586 |
| Primary school/Islamic primary school graduate | 50.9 | 0.3 | 0.5 | 0.2 | 31.7 | 1.8 | 0.4 | 0.8 | 11,827 |
| Junior secondary school/Islamic junior secondary school graduate | 54.2 | 0.5 | 0.5 | 0.1 | 35.7 | 2.0 | 0.3 | 0.7 | 16,324 |
| Senior secondary school/Islamic senior secondary school graduate | 61.2 | 1.2 | 1.2 | 0.1 | 33.1 | 1.2 | 0.2 | 0.6 | 27,898 |
| D1/D2/D3/university graduate | 65.2 | 3.9 | 2.4 | 0.1 | 28.3 | 0.7 | 0.2 | 0.4 | 11,110 |
| Occupation | | | | | | | | | |
| Unemployed | 56.2 | 1.0 | 1.0 | 0.1 | 33.5 | 1.4 | 0.3 | 0.7 | 44,394 |
| Student | 66.1 | 0.9 | 0.6 | 0.0 | 26.3 | 1.2 | 0.3 | 0.8 | 404 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 71.1 | 3.8 | 2.2 | 0.2 | 21.4 | 0.7 | 0.2 | 0.4 | 2,098 |
| Private employee | 66.8 | 3.2 | 2.1 | 0.1 | 28.7 | 0.6 | 0.2 | 0.2 | 6,715 |
| Self-employed | 54.4 | 1.3 | 1.1 | 0.0 | 39.8 | 1.6 | 0.2 | 0.4 | 6,210 |
| Farmer/farm laborer | 50.0 | 0.2 | 0.4 | 0.2 | 27.2 | 2.4 | 0.4 | 1.1 | 3,362 |
| Fisher | 64.4 | 5.3 | 0.0 | 0.0 | 7.3 | 0.0 | 0.4 | 1.5 | 58 |
| Labor/driver/domestic help | 63.1 | 0.3 | 0.9 | 0.1 | 31.3 | 2.2 | 0.2 | 0.6 | 1,399 |
| Others | 60.5 | 1.0 | 0.7 | 0.1 | 27.9 | 1.7 | 0.4 | 1.0 | 6,276 |
| Residence | | | | | | | | | |
| Urban | 60.9 | 1.9 | 1.5 | 0.1 | 32.9 | 1.1 | 0.2 | 0.4 | 40,729 |
| Rural | 53.6 | 0.4 | 0.4 | 0.1 | 31.6 | 1.9 | 0.3 | 0.9 | 30,187 |
| Economic Status | | | | | | | | | |
| Lowest | 52.6 | 0.2 | 0.4 | 0.1 | 22.6 | 2.4 | 0.5 | 1.2 | 8,806 |
| Lower middle | 57.1 | 0.3 | 0.3 | 0.1 | 31.0 | 2.0 | 0.3 | 0.9 | 12,229 |
| Middle | 58.4 | 0.4 | 0.6 | 0.1 | 32.6 | 1.7 | 0.3 | 0.7 | 15,071 |
| Upper middle | 59.4 | 0.7 | 0.9 | 0.1 | 34.4 | 1.3 | 0.2 | 0.5 | 17,281 |
| Highest | 58.8 | 3.8 | 2.5 | 0.1 | 36.0 | 0.4 | 0.2 | 0.2 | 17,528 |

* Weighted N <50

Table 12.43 Proportion of Delivery Methods among Women Aged 10-54 Years by Province, 2023 SKI

| Province | Delivery Method (%) | | | |
|--------------------|---------------------|------------------|------------|---------------|
| | Vaginal | Cesarean Section | Others | Weighted N |
| Aceh | 71.9 | 28.0 | 0.2 | 1,472 |
| North Sumatra | 70.1 | 29.6 | 0.3 | 3,439 |
| West Sumatra | 64.2 | 34.9 | 0.9 | 1,565 |
| Riau | 70.3 | 29.2 | 0.4 | 1,684 |
| Jambi | 82.8 | 17.0 | 0.2 | 751 |
| South Sumatra | 81.8 | 17.9 | 0.3 | 2,021 |
| Bengkulu | 74.6 | 24.5 | 0.9 | 479 |
| Lampung | 74.6 | 24.0 | 1.4 | 2,473 |
| Bangka Belitung | 78.0 | 20.9 | 1.1 | 307 |
| Riau Islands | 64.2 | 34.0 | 1.8 | 647 |
| DKI Jakarta | 58.4 | 40.8 | 0.8 | 2,581 |
| West Java | 73.9 | 24.9 | 1.3 | 14,340 |
| Central Java | 74.0 | 24.9 | 1.2 | 9,571 |
| DI Yogyakarta | 58.7 | 38.1 | 3.2 | 743 |
| East Java | 67.2 | 31.2 | 1.6 | 9,136 |
| Banten | 71.5 | 27.5 | 0.9 | 3,331 |
| Bali | 46.5 | 53.2 | 0.4 | 988 |
| West Nusa Tenggara | 80.7 | 18.7 | 0.6 | 1,718 |
| East Nusa Tenggara | 82.9 | 16.5 | 0.6 | 1,616 |
| West Kalimantan | 85.5 | 14.4 | 0.1 | 1,330 |
| Central Kalimantan | 88.4 | 11.0 | 0.6 | 605 |
| South Kalimantan | 79.9 | 19.8 | 0.3 | 978 |
| East Kalimantan | 77.2 | 22.1 | 0.8 | 1,042 |
| North Kalimantan | 81.7 | 18.0 | 0.3 | 219 |
| North Sulawesi | 65.3 | 34.2 | 0.5 | 545 |
| Central Sulawesi | 77.1 | 22.2 | 0.7 | 821 |
| South Sulawesi | 76.1 | 23.4 | 0.5 | 2,668 |
| Southeast Sulawesi | 86.3 | 13.4 | 0.3 | 746 |
| Gorontalo | 65.5 | 33.2 | 1.3 | 323 |
| West Sulawesi | 82.4 | 17.0 | 0.6 | 431 |
| Maluku | 88.9 | 11.1 | 0.0 | 522 |
| North Maluku | 90.1 | 9.8 | 0.1 | 349 |
| West Papua | 88.8 | 11.2 | 0.0 | 153 |
| Southwest Papua | 87.6 | 10.3 | 2.1 | 205 |
| Papua | 80.8 | 18.9 | 0.4 | 240 |
| South Papua | 92.7 | 7.3 | 0.0 | 155 |
| Central Papua | 93.1 | 6.8 | 0.1 | 381 |
| Highland Papua | 95.7 | 2.0 | 2.3 | 339 |
| INDONESIA | 73.2 | 25.9 | 1.0 | 70,916 |

Table 12.44 Proportion of Delivery Methods among Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Delivery Method (%) | | | |
|--|---------------------|------------------|--------|------------|
| | Vaginal | Cesarean Section | Others | Weighted N |
| Age Range (Year) | | | | |
| 10-14 | 45.9 | 54.1 | 0.0 | 4* |
| 15-19 | 88.8 | 10.6 | 0.6 | 853 |
| 20-24 | 80.2 | 18.9 | 1.0 | 9,851 |
| 25-29 | 74.1 | 25.1 | 0.9 | 20,434 |
| 30-34 | 72.2 | 27.0 | 0.8 | 19,354 |
| 35-39 | 69.5 | 29.4 | 1.1 | 13,042 |
| 40-44 | 68.0 | 30.5 | 1.5 | 5,959 |
| 45-49 | 69.8 | 28.3 | 1.9 | 1,276 |
| 50-54 | 85.1 | 11.4 | 3.5 | 143 |
| Age Group (Specific) | | | | |
| 10 - 19 (Teenagers) | 88.6 | 10.8 | 0.6 | 857 |
| 15 - 49 (WRA) | 73.1 | 25.9 | 1.0 | 70,769 |
| Education | | | | |
| Never attended school | 84.4 | 14.6 | 0.9 | 1,171 |
| Some primary school/Islamic primary school | 84.5 | 14.8 | 0.7 | 2,586 |
| Primary school/Islamic primary school graduate | 83.5 | 15.8 | 0.8 | 11,827 |
| Junior secondary school/Islamic junior secondary school graduate | 78.9 | 20.2 | 0.9 | 16,324 |
| Senior secondary school/Islamic senior secondary school graduate | 69.7 | 29.2 | 1.1 | 27,898 |
| Tamat D1/D2/D3PT | 58.7 | 40.3 | 1.0 | 11,110 |
| Occupation | | | | |
| Unemployed | 75.5 | 23.6 | 0.9 | 44,394 |
| Student | 72.3 | 27.7 | 0.0 | 404 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 57.9 | 41.2 | 0.9 | 2,098 |
| Private employee | 58.8 | 39.9 | 1.3 | 6,715 |
| Self-employed | 68.0 | 30.8 | 1.2 | 6,210 |
| Farmer/farm laborer | 85.0 | 14.1 | 0.9 | 3,362 |
| Fisher | 87.2 | 12.0 | 0.8 | 58 |
| Labor/driver/domestic help | 72.4 | 25.5 | 2.1 | 1,399 |
| Others | 76.4 | 22.9 | 0.7 | 6,276 |
| Residence | | | | |
| Urban | 68.0 | 30.9 | 1.1 | 40,729 |
| Rural | 80.2 | 19.0 | 0.9 | 30,187 |
| Economic Status | | | | |
| Lowest | 85.9 | 13.0 | 1.1 | 8,806 |
| Lower middle | 81.0 | 18.0 | 1.0 | 12,229 |
| Middle | 76.3 | 22.7 | 1.0 | 15,071 |
| Upper middle | 72.1 | 27.2 | 0.7 | 17,281 |
| Highest | 59.7 | 39.1 | 1.2 | 17,528 |

* Weighted N <50

7. Proportion of Utilization of Maternity Waiting Homes

Maternity Waiting Homes (MWH) are places or rooms located near healthcare facilities (village integrated health posts, community health centers, hospitals) that can be used as temporary residence for pregnant women and their companions (husband, community health worker, traditional birth attendant, or family) for several days, while waiting for childbirth and a few days after delivery.

Proportion of Utilization of Maternity Waiting Homes =

Number of women aged 10-54 years who utilized maternity waiting homes during their last childbirth

X 100

Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date

8. Proportion of Reasons for Not Utilizing Maternity Waiting Homes

Reasons for not utilizing maternity waiting homes include unavailability, lack of information, discomfort, transportation difficulties, not needed, and others.

Proportion of Not Utilizing Maternity Waiting Homes =

Number of women aged 10-54 years according to the reasons for not utilizing maternity waiting homes during their last childbirth

X 100

Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date and did not utilize maternity waiting homes

Table 12.45 Proportion of Utilization of Maternity Waiting Homes among Women Aged 10-54 Years Who Have Given Birth by Province, 2023 SKI

| Province | Utilization of Maternity Waiting Homes (%) | | | | Weighted N |
|--------------------|--|--------------------|-------------|--------------------|---------------|
| | Yes % | 95% CI | No % | 95% CI | |
| Aceh | 9.4 | 7.9 - 11.1 | 90.6 | 88.9 - 92.1 | 1,472 |
| Sumatra Utara | 22.0 | 19.6 - 24.7 | 78.0 | 75.3 - 80.4 | 3,439 |
| Sumatra Barat | 20.4 | 18.0 - 23.0 | 79.6 | 77.0 - 82.0 | 1,565 |
| Riau | 12.9 | 10.8 - 15.3 | 87.1 | 84.7 - 89.2 | 1,684 |
| Jambi | 20.3 | 16.8 - 24.2 | 79.7 | 75.8 - 83.2 | 751 |
| South Sumatra | 10.9 | 9.1 - 13.1 | 89.1 | 86.9 - 90.9 | 2,021 |
| Bengkulu | 19.4 | 16.1 - 23.3 | 80.6 | 76.7 - 83.9 | 479 |
| Lampung | 18.2 | 15.3 - 21.4 | 81.8 | 78.6 - 84.7 | 2,473 |
| Bangka Belitung | 19.1 | 15.9 - 22.9 | 80.9 | 77.1 - 84.1 | 307 |
| Riau Islands | 17.9 | 13.5 - 23.3 | 82.1 | 76.7 - 86.5 | 647 |
| DKI Jakarta | 12.6 | 9.9 - 16.1 | 87.4 | 83.9 - 90.1 | 2,581 |
| West Java | 19.9 | 18.2 - 21.7 | 80.1 | 78.3 - 81.8 | 14,340 |
| Central Java | 13.8 | 12.5 - 15.2 | 86.2 | 84.8 - 87.5 | 9,571 |
| DI Yogyakarta | 32.0 | 27.1 - 37.3 | 68.0 | 62.7 - 72.9 | 743 |
| East Java | 23.0 | 21.3 - 24.7 | 77.0 | 75.3 - 78.7 | 9,136 |
| Banten | 19.6 | 16.7 - 22.9 | 80.4 | 77.1 - 83.3 | 3,331 |
| Bali | 14.9 | 12.3 - 17.9 | 85.1 | 82.1 - 87.7 | 988 |
| West Nusa Tenggara | 32.8 | 28.1 - 37.8 | 67.2 | 62.2 - 71.9 | 1,718 |
| East Nusa Tenggara | 17.3 | 15.4 - 19.4 | 82.7 | 80.6 - 84.6 | 1,616 |
| West Kalimantan | 12.0 | 9.9 - 14.6 | 88.0 | 85.4 - 90.1 | 1,330 |
| Central Kalimantan | 12.6 | 10.3 - 15.4 | 87.4 | 84.6 - 89.7 | 605 |
| South Kalimantan | 15.2 | 12.6 - 18.2 | 84.8 | 81.8 - 87.4 | 978 |
| East Kalimantan | 15.8 | 12.8 - 19.4 | 84.2 | 80.6 - 87.2 | 1,042 |
| North Kalimantan | 14.7 | 11.4 - 18.7 | 85.3 | 81.3 - 88.6 | 219 |
| North Sulawesi | 11.2 | 8.9 - 14.0 | 88.8 | 86.0 - 91.1 | 545 |
| Central Sulawesi | 9.2 | 7.3 - 11.5 | 90.8 | 88.5 - 92.7 | 821 |
| South Sulawesi | 9.0 | 7.4 - 10.9 | 91.0 | 89.1 - 92.6 | 2,668 |
| Southeast Sulawesi | 6.8 | 5.6 - 8.3 | 93.2 | 91.7 - 94.4 | 746 |
| Gorontalo | 8.4 | 6.3 - 11.0 | 91.6 | 89.0 - 93.7 | 323 |
| West Sulawesi | 2.6 | 1.6 - 4.2 | 97.4 | 95.8 - 98.4 | 431 |
| Maluku | 6.8 | 5.1 - 9.0 | 93.2 | 91.0 - 94.9 | 522 |
| North Maluku | 14.7 | 11.8 - 18.3 | 85.3 | 81.7 - 88.2 | 349 |
| West Papua | 13.8 | 9.8 - 19.2 | 86.2 | 80.8 - 90.2 | 153 |
| Southwest Papua | 14.8 | 11.0 - 19.7 | 85.2 | 80.3 - 89.0 | 205 |
| Papua | 11.4 | 7.7 - 16.4 | 88.6 | 83.6 - 92.3 | 240 |
| South Papua | 18.8 | 7.8 - 39.0 | 81.2 | 61.0 - 92.2 | 155 |
| Central Papua | 10.2 | 6.4 - 15.9 | 89.8 | 84.1 - 93.6 | 381 |
| Highland Papua | 5.5 | 2.8 - 10.4 | 94.5 | 89.6 - 97.2 | 339 |
| INDONESIA | 17.4 | 16.8 - 17.9 | 82.6 | 82.1 - 83.2 | 70,916 |

Table 12.46 Proportion of Utilization of Maternity Waiting Homes among Women Aged 10-54 years who have Given Birth by Characteristic, 2023 SKI

| Characteristic | Utilization of Maternity Waiting Homes (%) | | | | Weighted N |
|--|--|-------------|---------|---------------|------------|
| | Yes % | 95% CI | No % | 95% CI | |
| Age Range (Year) | | | | | |
| 10-14 | 0.0 | 0.0 - 0.0 | 100.0 | 100.0 - 100.0 | 4 |
| 15-19 | 17.2 | 12.0 - 24.2 | 82.8 | 75.8 - 88.0 | 853 |
| 20-24 | 16.4 | 14.9 - 17.9 | 83.6 | 82.1 - 85.1 | 9,851 |
| 25-29 | 17.4 | 16.4 - 18.4 | 82.6 | 81.6 - 83.6 | 20,434 |
| 30-34 | 17.8 | 16.9 - 18.8 | 82.2 | 81.2 - 83.1 | 19,354 |
| 35-39 | 17.8 | 16.8 - 18.9 | 82.2 | 81.1 - 83.2 | 13,042 |
| 40-44 | 16.5 | 15.1 - 18.0 | 83.5 | 82.0 - 84.9 | 5,959 |
| 45-49 | 16.3 | 13.6 - 19.4 | 83.7 | 80.6 - 86.4 | 1,276 |
| 50-54 | 19.4 | 12.7 - 28.5 | 80.6 | 71.5 - 87.3 | 143 |
| Age Group (Specific) | | | | | |
| 10 - 19 (Teenagers) | 17.2 | 13.9 - 20.9 | 82.8 | 79.1 - 86.1 | 609 |
| 15 - 49 (WRA) | 17.3 | 16.8 - 17.9 | 82.7 | 82.1 - 83.2 | 70,649 |
| Education | | | | | |
| Never attended school | 12.8 | 10.4 - 15.6 | 87.2 | 84.4 - 89.6 | 1,171 |
| Some primary school/Islamic primary school | 16.3 | 13.7 - 19.4 | 83.7 | 80.6 - 86.3 | 2,586 |
| Primary school/Islamic primary school graduate | 16.0 | 14.8 - 17.3 | 84.0 | 82.7 - 85.2 | 11,827 |
| Junior secondary school/Islamic junior secondary school graduate | 17.7 | 16.6 - 18.9 | 82.3 | 81.1 - 83.4 | 16,324 |
| Senior secondary school/Islamic senior secondary school graduate | 18.0 | 17.2 - 18.9 | 82.0 | 81.1 - 82.8 | 27,898 |
| D1/D2/D3/university graduate | 17.2 | 16.1 - 18.4 | 82.8 | 81.6 - 83.9 | 11,110 |
| Occupation | | | | | |
| Unemployed | 17.3 | 16.6 - 18.1 | 82.7 | 81.9 - 83.4 | 44,394 |
| Student | 17.6 | 12.0 - 25.0 | 82.4 | 75.0 - 88.0 | 404 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 16.6 | 14.5 - 19.0 | 83.4 | 81.0 - 85.5 | 2,098 |
| Private employee | 18.6 | 17.0 - 20.2 | 81.4 | 79.8 - 83.0 | 6,715 |
| Self-employed | 18.4 | 16.9 - 20.1 | 81.6 | 79.9 - 83.1 | 6,210 |
| Farmer/farm laborer | 17.3 | 15.3 - 19.5 | 82.7 | 80.5 - 84.7 | 3,362 |
| Fisher | 5.6 | 2.2 - 13.7 | 94.4 | 86.3 - 97.8 | 58 |
| Labor/driver/domestic help | 16.5 | 13.5 - 19.9 | 83.5 | 80.1 - 86.5 | 1,399 |
| Others | 15.7 | 14.4 - 17.2 | 84.3 | 82.8 - 85.6 | 6,276 |
| Residence | | | | | |
| Urban | 18.3 | 17.5 - 19.1 | 81.7 | 80.9 - 82.5 | 40,729 |
| Rural | 16.1 | 15.3 - 16.9 | 83.9 | 83.1 - 84.7 | 30,187 |
| Economic Status | | | | | |
| Lowest | 14.7 | 13.4 - 16.1 | 85.3 | 83.9 - 86.6 | 8,806 |
| Lower middle | 17.2 | 16.0 - 18.4 | 82.8 | 81.6 - 84.0 | 12,229 |
| Middle | 16.4 | 15.4 - 17.5 | 83.6 | 82.5 - 84.6 | 15,071 |
| Upper middle | 17.8 | 16.8 - 18.9 | 82.2 | 81.1 - 83.2 | 17,281 |
| Highest | 19.1 | 18.0 - 20.3 | 80.9 | 79.7 - 82.0 | 17,528 |

* Weighted N <50

Table 12.47 Proportion of Reasons for Not Utilizing Maternity Waiting Homes among Women Aged 10-54 Years by Province, 2023 SKI

| Province | Reasons for Not Utilizing Maternity Waiting Homes (%) | | | | | | Weighted N |
|--------------------|---|---------------------|---------------|------------------------|-------------|------------|---------------|
| | Not Available | Lack of Information | Uncomfortable | Transport Difficulties | Not Needed | Others | |
| Aceh | 23.1 | 18.6 | 3.7 | 0.2 | 53.4 | 1.1 | 1,374 |
| North Sumatra | 28.2 | 23.3 | 2.8 | 0.2 | 42.7 | 2.9 | 2,762 |
| West Sumatra | 40.2 | 17.7 | 0.6 | 0.0 | 40.0 | 1.4 | 1,283 |
| Riau | 20.6 | 21.4 | 2.5 | 0.5 | 53.5 | 1.4 | 1,511 |
| Jambi | 26.1 | 13.1 | 2.3 | 0.3 | 56.1 | 2.1 | 617 |
| South Sumatra | 32.3 | 32.2 | 0.6 | 0.1 | 33.4 | 1.3 | 1,855 |
| Bengkulu | 26.6 | 17.7 | 1.9 | 0.1 | 52.3 | 1.4 | 397 |
| Lampung | 44.6 | 19.0 | 0.6 | 0.3 | 34.5 | 1.0 | 2,085 |
| Bangka Belitung | 27.1 | 18.8 | 2.6 | 0.4 | 47.2 | 4.0 | 256 |
| Riau Islands | 36.1 | 18.6 | 1.5 | 0.0 | 43.8 | 0.0 | 547 |
| DKI Jakarta | 39.6 | 31.2 | 0.3 | 0.0 | 27.1 | 1.8 | 2,322 |
| West Java | 48.8 | 24.4 | 0.5 | 0.1 | 23.4 | 2.8 | 11,827 |
| Central Java | 44.7 | 18.9 | 0.5 | 0.1 | 33.9 | 2.0 | 8,495 |
| DI Yogyakarta | 42.6 | 20.4 | 0.6 | 0.0 | 30.1 | 6.3 | 520 |
| East Java | 38.6 | 29.3 | 0.5 | 0.1 | 29.2 | 2.3 | 7,247 |
| Banten | 47.9 | 27.9 | 0.6 | 0.1 | 19.5 | 4.0 | 2,757 |
| Bali | 43.8 | 22.4 | 2.0 | 0.0 | 31.5 | 0.4 | 866 |
| West Nusa Tenggara | 49.1 | 24.7 | 1.0 | 0.0 | 23.4 | 1.8 | 1,190 |
| East Nusa Tenggara | 26.5 | 19.7 | 2.5 | 0.7 | 43.8 | 6.7 | 1,376 |
| West Kalimantan | 25.9 | 20.3 | 0.9 | 0.4 | 50.5 | 2.1 | 1,205 |
| Central Kalimantan | 26.1 | 16.2 | 3.3 | 0.9 | 50.2 | 3.4 | 544 |
| South Kalimantan | 41.0 | 18.9 | 0.7 | 0.0 | 38.4 | 1.0 | 854 |
| East Kalimantan | 22.1 | 18.8 | 0.5 | 0.2 | 54.6 | 3.9 | 904 |
| North Kalimantan | 33.0 | 17.2 | 3.7 | 0.8 | 44.7 | 0.6 | 193 |
| North Sulawesi | 47.8 | 24.9 | 0.9 | 0.4 | 22.9 | 3.1 | 498 |
| Central Sulawesi | 31.3 | 24.0 | 0.9 | 0.3 | 38.6 | 4.9 | 768 |
| South Sulawesi | 28.5 | 20.8 | 1.1 | 0.2 | 47.1 | 2.4 | 2,501 |
| Southeast Sulawesi | 38.9 | 19.9 | 2.5 | 0.5 | 34.5 | 3.6 | 716 |
| Gorontalo | 35.1 | 19.7 | 2.4 | 0.8 | 39.4 | 2.7 | 305 |
| West Sulawesi | 15.6 | 14.8 | 1.0 | 0.2 | 65.2 | 3.3 | 432 |
| Maluku | 48.9 | 15.8 | 2.1 | 0.8 | 28.5 | 3.9 | 501 |
| North Maluku | 34.3 | 16.6 | 2.6 | 0.5 | 37.3 | 8.6 | 307 |
| West Papua | 34.2 | 25.6 | 1.9 | 1.5 | 32.3 | 4.6 | 136 |
| Southwest Papua | 35.6 | 20.9 | 3.1 | 0.4 | 34.8 | 5.2 | 180 |
| Papua | 37.1 | 14.9 | 2.3 | 0.2 | 38.6 | 7.0 | 219 |
| South Papua | 23.2 | 15.7 | 4.0 | 4.8 | 42.4 | 9.9 | 129 |
| Central Papua | 23.6 | 30.2 | 14.7 | 0.5 | 27.6 | 3.3 | 352 |
| Highland Papua | 57.8 | 10.6 | 0.3 | 1.1 | 28.0 | 2.2 | 330 |
| INDONESIA | 39.3 | 23.0 | 1.1 | 0.2 | 33.9 | 2.5 | 60,362 |

Table 12.48 Proportion of Reasons for Not Utilizing Maternity Waiting Homes among Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Reasons for Not Utilizing Maternity Waiting Homes (%) | | | | | | Weighted N |
|--|---|---------------------|---------------|------------------------|------------|--------|------------|
| | Not Available | Lack of Information | Uncomfortable | Transport Difficulties | Not Needed | Others | |
| Age Range (Year) | | | | | | | |
| 10-14 | 15.6 | 71.7 | 0.0 | 0.0 | 5.7 | 6.9 | 4* |
| 15-19 | 34.0 | 28.2 | 0.3 | 0.5 | 33.1 | 3.9 | 727 |
| 20-24 | 41.7 | 21.9 | 1.3 | 0.2 | 32.4 | 2.5 | 8,485 |
| 25-29 | 39.1 | 23.5 | 1.1 | 0.2 | 33.6 | 2.5 | 17,391 |
| 30-34 | 39.2 | 23.7 | 1.0 | 0.2 | 33.4 | 2.5 | 16,375 |
| 35-39 | 38.5 | 22.4 | 1.0 | 0.2 | 35.3 | 2.6 | 11,037 |
| 40-44 | 38.5 | 22.4 | 1.0 | 0.2 | 35.3 | 2.6 | 5,124 |
| 45-49 | 39.3 | 21.2 | 0.8 | 0.1 | 36.0 | 2.5 | 1,100 |
| 50-54 | 28.5 | 22.9 | 10.3 | 0.2 | 34.3 | 3.9 | 119 |
| Age Group (Specific) | | | | | | | |
| 10 - 19 (Teenagers) | 33.9 | 28.5 | 0.3 | 0.5 | 33.0 | 3.9 | 731 |
| 15 - 49 (WRA) | 39.3 | 23.0 | 1.1 | 0.2 | 33.9 | 2.5 | 60,239 |
| Education | | | | | | | |
| Never attended school | 38.9 | 19.9 | 1.8 | 0.8 | 35.7 | 2.9 | 1,052 |
| Some primary school/Islamic primary school | 38.1 | 22.8 | 2.6 | 0.6 | 32.1 | 3.8 | 2,228 |
| Primary school/Islamic primary school graduate | 41.8 | 21.9 | 1.1 | 0.4 | 31.8 | 3.0 | 10,231 |
| Junior secondary school/Islamic junior secondary school graduate | 40.2 | 23.4 | 0.9 | 0.1 | 33.1 | 2.3 | 13,830 |
| Senior secondary school/Islamic senior secondary school graduate | 38.4 | 24.3 | 1.0 | 0.1 | 33.8 | 2.3 | 23,552 |
| Tamat D1/D2/D3 | 37.6 | 20.9 | 1.2 | 0.1 | 37.6 | 2.6 | 9,469 |
| Occupation | | | | | | | |
| Unemployed | 39.8 | 23.6 | 1.0 | 0.2 | 32.9 | 2.4 | 37,797 |
| Student | 37.8 | 15.5 | 0.7 | 0.3 | 44.5 | 1.1 | 343 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 35.2 | 20.1 | 1.6 | 0.2 | 40.4 | 2.5 | 1,802 |
| Private employee | 38.5 | 25.2 | 0.7 | 0.1 | 32.5 | 3.0 | 5,632 |
| Self-employed | 39.6 | 23.1 | 0.8 | 0.1 | 34.5 | 1.9 | 5,218 |
| Farmer/farm laborer | 34.6 | 18.6 | 2.6 | 0.5 | 40.0 | 3.7 | 2,863 |
| Fisher | 51.3 | 17.2 | 0.6 | | 30.4 | 0.5 | 56 |
| Labor/driver/domestic help | 45.5 | 22.4 | 0.5 | 0.0 | 30.7 | 0.9 | 1,203 |
| Others | 38.0 | 20.5 | 1.4 | 0.3 | 36.3 | 3.5 | 5,447 |
| Residence | | | | | | | |
| Urban | 40.5 | 25.5 | 0.9 | 0.1 | 30.5 | 2.5 | 34,272 |
| Rural | 37.7 | 19.7 | 1.4 | 0.4 | 38.3 | 2.6 | 26,090 |
| Economic Status | | | | | | | |
| Lowest | 38.2 | 21.5 | 1.9 | 0.7 | 34.1 | 3.7 | 7,734 |
| Lower middle | 38.5 | 21.5 | 1.3 | 0.2 | 35.9 | 2.6 | 10,430 |
| Middle | 39.4 | 23.2 | 1.0 | 0.1 | 33.9 | 2.5 | 12,975 |
| Upper middle | 39.7 | 23.6 | 0.8 | 0.1 | 33.5 | 2.2 | 14,626 |
| Highest | 39.8 | 24.2 | 1.0 | 0.1 | 32.7 | 2.2 | 14,597 |

* Weighted N <50

9. Proportion of History of Delivery Complications

Health problems or complications experienced by mothers during childbirth. Types of delivery complications may include fetal malposition (transverse/breech presentation), bleeding, seizures, premature rupture of membranes, prolonged labor, umbilical cord entanglement, low-lying placenta, retained placenta (placenta previa), hypertension, and others.

Proportion of Types of Delivery Complications =

Number of women aged 10-54 years according to the type of delivery complication

X 100

Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date

10. Proportion of First Aid Efforts during Delivery Complications

The first aid provided to mothers when experiencing health problems or complications during childbirth, whether they immediately seek help from healthcare providers, there is a delay, or they do not seek help.

Proportion of First Aid Efforts during Delivery Complications =

Number of women aged 10-54 years according to the first aid efforts during complications of the last childbirth

X 100

Number of women aged 10-54 years who gave birth to their last child and experienced delivery complications

Table 12.49 Proportion of Delivery Complications among Women Aged 10-54 Years by Province, 2023 SKI

| Province | Type of Delivery Complication (%) | | | | | | | | | | <u>Experienced any complications</u> | | N Weighted |
|-------------------------|-----------------------------------|------------|------------|----------------------------------|-----------------|-----------------------------|-----------------|-------------------|--------------|------------|--------------------------------------|--------------------|---------------|
| | Breech presentation | Bleeding | Seizures | Amniotic fluid leaks prematurely | Prolonged labor | Umbilical cord entanglement | Placenta previa | Retained placenta | Hypertension | Others | % | 95% CI | |
| Aceh | 1.9 | 0.9 | 0.1 | 1.7 | 2.4 | 0.9 | 0.7 | 0.1 | 1.8 | 3.3 | 12.9 | 11.4 - 14.6 | 1,472 |
| North Sumatra | 2.6 | 1.0 | 0.2 | 2.1 | 1.6 | 1.3 | 0.6 | 0.2 | 1.2 | 1.7 | 11.6 | 10.1 - 13.2 | 3,439 |
| West Sumatra | 2.2 | 1.3 | 0.1 | 2.4 | 3.6 | 1.3 | 0.7 | 0.6 | 2.5 | 5.0 | 18.9 | 16.9 - 21.0 | 1,565 |
| Riau | 2.4 | 1.2 | 0.1 | 1.9 | 2.3 | 1.3 | 0.6 | 0.2 | 2.6 | 3.2 | 14.5 | 12.5 - 16.7 | 1,684 |
| Jambi | 1.3 | 1.6 | 0.1 | 1.3 | 2.8 | 1.4 | 0.4 | 0.6 | 0.4 | 1.0 | 10.1 | 8.1 - 12.5 | 751 |
| South Sumatra | 1.7 | 1.1 | 0.0 | 1.9 | 2.4 | 2.0 | 0.4 | 0.2 | 1.4 | 2.2 | 12.0 | 10.4 - 13.9 | 2,021 |
| Bengkulu | 1.9 | 1.4 | 0.0 | 3.5 | 1.6 | 1.1 | 0.1 | 0.7 | 0.8 | 3.6 | 13.8 | 11.2 - 16.9 | 479 |
| Lampung | 3.0 | 1.8 | 0.0 | 4.0 | 3.0 | 2.0 | 0.6 | 0.3 | 2.2 | 4.6 | 19.6 | 17.3 - 22.2 | 2,473 |
| Bangka Belitung Islands | 2.2 | 1.7 | 0.0 | 2.2 | 2.4 | 0.6 | 0.8 | 0.3 | 2.1 | 3.4 | 14.3 | 11.9 - 17.1 | 307 |
| Riau Islands | 1.7 | 1.4 | 0.0 | 3.5 | 3.4 | 2.1 | 1.0 | 0.4 | 2.7 | 2.7 | 18.0 | 14.1 - 22.6 | 647 |
| DKI Jakarta | 5.3 | 2.1 | 0.2 | 5.0 | 5.5 | 2.8 | 0.4 | 0.5 | 6.0 | 6.4 | 29.4 | 25.7 - 33.4 | 2,581 |
| West Java | 3.7 | 2.9 | 0.1 | 5.0 | 3.9 | 3.1 | 1.1 | 0.5 | 3.7 | 5.0 | 25.2 | 23.6 - 26.9 | 14,340 |
| Central Java | 3.4 | 2.1 | 0.1 | 6.1 | 4.0 | 2.6 | 0.9 | 0.4 | 4.2 | 6.6 | 26.7 | 25.1 - 28.4 | 9,571 |
| DI Yogyakarta | 5.2 | 1.2 | 0.0 | 5.1 | 4.7 | 1.7 | 2.0 | 0.1 | 4.6 | 9.5 | 31.5 | 27.3 - 35.9 | 743 |
| East Java | 3.1 | 2.7 | 0.1 | 6.4 | 4.2 | 2.4 | 0.6 | 0.2 | 4.3 | 7.4 | 28.7 | 27.0 - 30.6 | 9,136 |
| Banten | 3.0 | 2.3 | 0.0 | 5.0 | 3.1 | 1.7 | 0.8 | 0.6 | 4.4 | 6.8 | 23.9 | 20.9 - 27.1 | 3,331 |
| Bali | 2.7 | 0.7 | 0.0 | 3.8 | 1.4 | 1.2 | 1.4 | 0.0 | 2.1 | 2.9 | 15.8 | 13.0 - 19.0 | 988 |
| West Nusa Tenggara | 1.7 | 1.8 | 0.0 | 4.7 | 3.8 | 0.6 | 0.5 | 0.1 | 2.7 | 6.0 | 19.6 | 16.9 - 22.5 | 1,718 |
| East Nusa Tenggara | 2.8 | 1.1 | 0.2 | 3.0 | 2.7 | 1.4 | 0.3 | 0.0 | 2.4 | 3.7 | 16.2 | 14.7 - 17.8 | 1,616 |
| West Kalimantan | 1.4 | 0.8 | 0.3 | 2.6 | 1.9 | 1.3 | 0.3 | 0.5 | 0.9 | 2.0 | 11.0 | 9.2 - 13.1 | 1,330 |
| Central Kalimantan | 1.4 | 0.9 | 0.0 | 1.4 | 0.8 | 0.8 | 0.5 | 0.3 | 1.7 | 1.9 | 8.1 | 6.5 - 10.1 | 605 |
| South Kalimantan | 2.1 | 1.7 | 0.2 | 2.5 | 1.9 | 1.2 | 0.6 | 0.4 | 2.8 | 5.3 | 17.2 | 15.2 - 19.3 | 978 |
| East Kalimantan | 2.9 | 2.6 | 0.3 | 3.7 | 3.4 | 2.6 | 0.6 | 0.3 | 3.2 | 3.7 | 20.3 | 17.5 - 23.4 | 1,042 |
| North Kalimantan | 1.4 | 1.7 | 0.0 | 2.2 | 2.4 | 1.3 | 0.7 | 0.3 | 2.6 | 3.0 | 14.2 | 11.2 - 17.7 | 219 |
| North Sulawesi | 3.1 | 1.9 | 0.5 | 3.5 | 2.5 | 1.2 | 1.2 | 0.6 | 1.9 | 2.6 | 15.7 | 13.1 - 18.6 | 545 |
| Central Sulawesi | 3.0 | 1.4 | 0.0 | 3.3 | 2.6 | 2.6 | 0.7 | 0.6 | 1.6 | 3.6 | 17.8 | 15.8 - 20.1 | 821 |
| South Sulawesi | 2.7 | 1.8 | 0.1 | 2.6 | 2.6 | 1.4 | 0.4 | 0.5 | 2.5 | 3.9 | 16.4 | 14.7 - 18.2 | 2,668 |
| Southeast Sulawesi | 1.7 | 1.4 | 0.2 | 2.7 | 3.1 | 0.9 | 0.4 | 0.6 | 2.1 | 2.5 | 14.4 | 12.3 - 16.7 | 746 |
| Gorontalo | 3.4 | 2.7 | 0.3 | 2.3 | 3.5 | 1.3 | 0.5 | 0.3 | 3.2 | 5.3 | 19.6 | 16.0 - 23.8 | 323 |
| West Sulawesi | 2.5 | 2.5 | 0.0 | 1.6 | 1.0 | 0.3 | 0.4 | 0.6 | 3.0 | 4.5 | 14.2 | 11.4 - 17.5 | 431 |
| Maluku | 1.2 | 0.7 | 0.0 | 1.8 | 1.0 | 1.1 | 0.0 | 0.4 | 1.0 | 1.7 | 7.8 | 5.8 - 10.5 | 522 |
| North Maluku | 1.9 | 1.7 | 0.0 | 2.1 | 2.4 | 0.4 | 0.4 | 0.4 | 0.6 | 0.9 | 9.8 | 7.6 - 12.6 | 349 |
| West Papua | 0.6 | 0.1 | 0.2 | 1.0 | 0.6 | 0.3 | 0.3 | 0.3 | 1.3 | 1.1 | 5.2 | 3.5 - 7.8 | 153 |
| Southwest Papua | 0.5 | 1.2 | 0.0 | 0.8 | 2.1 | 1.0 | 0.2 | 0.7 | 1.1 | 0.9 | 8.2 | 5.5 - 12.2 | 205 |
| Papua | 2.7 | 0.9 | 0.0 | 2.3 | 1.6 | 0.6 | 0.0 | 0.0 | 1.4 | 1.4 | 9.7 | 7.2 - 12.8 | 240 |
| South Papua | 1.2 | 0.6 | 0.0 | 0.8 | 0.2 | 0.5 | 0.2 | 0.4 | 1.4 | 0.6 | 5.7 | 3.6 - 9.0 | 155 |
| Central Papua | 1.1 | 1.1 | 0.0 | 0.9 | 1.4 | 1.0 | 0.6 | 0.0 | 0.4 | 1.0 | 5.7 | 3.0 - 10.4 | 381 |
| Highland Papua | 0.4 | 1.0 | 0.0 | 1.1 | 1.7 | 0.1 | 0.0 | 0.9 | 0.1 | 0.2 | 4.7 | 2.7 - 8.2 | 339 |
| INDONESIA | 3.0 | 2.0 | 0.1 | 4.3 | 3.3 | 2.1 | 0.7 | 0.4 | 3.2 | 4.9 | 21.4 | 20.9 - 22.0 | 70,916 |

Table 12.50 Proportion of Delivery Complications in Women Aged 10-54 Years by Characteristic, 2023 SKI

| Province | Type of Delivery Complications (%) | | | | | | | | | | | Experienced any complications % | 95% CI | Weighted N |
|--|------------------------------------|----------|---------|----------------------------------|------------------|-----------------------------|-----------------|-------------------|--------------|--------|------|---------------------------------|--------|------------|
| | Breech presentation | Bleeding | Seizure | Amniotic fluid leaks prematurely | Prolong ed labor | Umbilical cord entanglement | Placenta Previa | Retained placenta | Hypertension | Others | | | | |
| Age Range (Year) | | | | | | | | | | | | | | |
| <15 | 36.1 | 5.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 41.8 | 7.7 - 86.0 | 4* | |
| 15-19 | 0.6 | 1.4 | 0.4 | 4.3 | 3.0 | 1.1 | 0.0 | 0.8 | 1.0 | 3.1 | 13.5 | 9.3 - 19.1 | 853 | |
| 20-24 | 2.2 | 2.0 | 0.0 | 4.3 | 3.7 | 2.3 | 0.6 | 0.2 | 2.4 | 4.1 | 19.6 | 18.0 - 21.3 | 9,851 | |
| 25-29 | 2.8 | 1.6 | 0.2 | 5.2 | 3.9 | 2.3 | 0.6 | 0.3 | 2.4 | 5.3 | 21.6 | 20.6 - 22.7 | 20,434 | |
| 30-34 | 2.6 | 2.1 | 0.1 | 4.3 | 3.2 | 2.2 | 0.8 | 0.4 | 2.9 | 5.0 | 20.9 | 19.9 - 21.9 | 19,354 | |
| 35-39 | 4.1 | 2.5 | 0.0 | 3.3 | 2.8 | 1.6 | 0.9 | 0.5 | 3.9 | 5.0 | 22.4 | 21.2 - 23.6 | 13,042 | |
| 40-44 | 4.0 | 2.2 | 0.1 | 4.0 | 2.7 | 2.2 | 1.0 | 0.4 | 6.4 | 5.1 | 24.7 | 23.1 - 26.4 | 5,959 | |
| 45-49 | 2.9 | 2.0 | 0.3 | 1.9 | 2.0 | 1.7 | 0.4 | 0.7 | 7.4 | 4.5 | 21.4 | 18.2 - 25.0 | 1,276 | |
| 50-54 | 2.0 | 4.0 | 0.0 | 1.1 | 1.7 | 0.3 | 0.0 | 0.3 | 1.6 | 3.8 | 12.7 | 7.6 - 20.5 | 143 | |
| Age Group (Specific) | | | | | | | | | | | | | | |
| 10 - 19 (Teenagers) | 0.8 | 1.5 | 0.4 | 4.3 | 2.9 | 1.1 | 0.0 | 0.8 | 1.0 | 3.1 | 13.6 | 10.9 - 16.9 | 857 | |
| 15 - 49 (WRA) | 3.0 | 2.0 | 0.1 | 4.3 | 3.3 | 2.1 | 0.7 | 0.4 | 3.2 | 4.9 | 21.4 | 20.9 - 22.0 | 70,769 | |
| Education | | | | | | | | | | | | | | |
| Never attended school | 2.2 | 1.4 | 0.6 | 3.3 | 2.3 | 0.6 | 0.3 | 0.8 | 3.0 | 4.4 | 16.8 | 13.7 - 20.6 | 1,171 | |
| Some primary school/Islamic primary school | 2.0 | 2.3 | 0.0 | 2.4 | 3.8 | 1.1 | 0.2 | 0.5 | 3.5 | 3.7 | 17.5 | 14.8 - 20.5 | 2,586 | |
| Primary school/Islamic primary school graduate | 2.6 | 1.9 | 0.1 | 3.2 | 2.9 | 1.8 | 0.4 | 0.5 | 2.9 | 3.4 | 17.5 | 16.3 - 18.9 | 11,827 | |
| Junior secondary school/Islamic junior secondary school graduate | 3.0 | 2.1 | 0.1 | 4.1 | 3.1 | 1.5 | 0.8 | 0.4 | 3.5 | 4.4 | 20.7 | 19.6 - 21.9 | 16,324 | |
| Senior secondary school/Islamic senior secondary school graduate | 3.2 | 2.1 | 0.1 | 5.0 | 3.5 | 2.4 | 0.7 | 0.4 | 3.1 | 5.5 | 22.9 | 22.1 - 23.8 | 27,898 | |
| D1/D2/D3/university graduate | 3.0 | 1.8 | 0.1 | 4.4 | 3.6 | 2.9 | 1.2 | 0.2 | 3.3 | 6.3 | 24.1 | 22.8 - 25.3 | 11,110 | |
| Occupation | | | | | | | | | | | | | | |
| Unemployed | 2.9 | 2.1 | 0.1 | 4.2 | 3.5 | 2.1 | 0.8 | 0.4 | 3.3 | 4.5 | 21.1 | 20.4 - 21.8 | 44,394 | |
| Student | 2.0 | 1.0 | 0.0 | 6.5 | 2.1 | 2.2 | 1.2 | 0.4 | 5.6 | 5.9 | 23.5 | 17.6 - 30.6 | 404 | |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 3.9 | 1.2 | 0.1 | 4.3 | 2.2 | 2.1 | 0.9 | 0.2 | 3.6 | 6.3 | 21.9 | 19.5 - 24.4 | 2,098 | |
| Private employee | 3.9 | 2.0 | 0.1 | 5.5 | 3.8 | 3.2 | 0.8 | 0.1 | 3.6 | 6.9 | 27.0 | 25.1 - 29.0 | 6,715 | |
| Self-employed | 2.8 | 2.5 | 0.0 | 5.8 | 3.2 | 2.2 | 0.8 | 0.5 | 3.5 | 6.5 | 25.0 | 23.2 - 26.9 | 6,210 | |
| Farmer/farm laborer | 2.2 | 1.3 | 0.1 | 2.3 | 2.0 | 1.1 | 0.2 | 0.3 | 1.9 | 3.0 | 13.4 | 11.7 - 15.2 | 3,362 | |
| Fisher | 7.1 | 0.8 | 0.0 | 0.9 | 0.8 | 0.5 | 3.3 | 0.0 | 2.2 | 0.0 | 15.0 | 5.7 - 34.0 | 58 | |
| Labor/driver/domestic help | 4.7 | 2.8 | 0.4 | 5.5 | 3.3 | 2.0 | 0.2 | 0.8 | 3.1 | 4.8 | 24.9 | 21.1 - 29.2 | 1,399 | |
| Others | 2.4 | 1.4 | 0.1 | 3.1 | 2.7 | 1.5 | 0.6 | 0.4 | 2.3 | 4.7 | 17.4 | 15.8 - 19.1 | 6,276 | |
| Residence | | | | | | | | | | | | | | |
| Urban | 3.4 | 2.2 | 0.1 | 4.7 | 3.6 | 2.4 | 0.9 | 0.4 | 3.7 | 5.6 | 24.0 | 23.3 - 24.8 | 40,729 | |
| Rural | 2.4 | 1.7 | 0.1 | 3.7 | 3.0 | 1.6 | 0.5 | 0.4 | 2.5 | 4.0 | 17.9 | 17.1 - 18.7 | 30,187 | |
| Economic Status | | | | | | | | | | | | | | |
| Lowest | 2.2 | 1.4 | 0.1 | 3.6 | 2.9 | 1.4 | 0.2 | 0.5 | 2.1 | 3.2 | 15.7 | 14.4 - 17.0 | 8,806 | |
| Lower middle | 2.6 | 1.9 | 0.1 | 3.6 | 3.2 | 1.5 | 0.5 | 0.3 | 2.8 | 4.2 | 18.6 | 17.4 - 19.8 | 12,229 | |
| Middle | 2.7 | 2.4 | 0.2 | 4.3 | 3.3 | 1.9 | 0.7 | 0.4 | 3.5 | 4.8 | 21.4 | 20.2 - 22.5 | 15,071 | |
| Upper middle | 3.4 | 2.0 | 0.1 | 4.2 | 3.4 | 2.3 | 0.9 | 0.4 | 3.4 | 5.1 | 22.4 | 21.2 - 23.6 | 17,281 | |
| Highest | 3.5 | 2.1 | 0.1 | 5.2 | 3.6 | 2.9 | 1.1 | 0.3 | 3.6 | 6.2 | 25.3 | 24.2 - 26.5 | 17,528 | |

* Weighted N <50

Table 12.51 Proportion of First Aid Efforts for Delivery Complications in Women Aged 10-54 Years by Province, 2023 SKI

| Province | Efforts to Seek Health Facilities for First Aid in Delivery Complications | | | |
|-------------------------|---|------------------|-------------|---------------|
| | Immediate Referral | Delayed Referral | No Referral | Weighted N |
| Aceh | 72.8 | 8.8 | 18.3 | 154 |
| North Sumatra | 58.4 | 11.7 | 29.9 | 322 |
| West Sumatra | 64.3 | 9.9 | 25.8 | 239 |
| Riau | 72.3 | 7.4 | 20.3 | 198 |
| Jambi | 51.3 | 13.4 | 35.3 | 61 |
| South Sumatra | 69.6 | 5.9 | 24.5 | 197 |
| Bengkulu | 69.4 | 11.2 | 19.5 | 54 |
| Lampung | 62.5 | 6.0 | 31.5 | 393 |
| Bangka Belitung Islands | 72.3 | 4.6 | 23.1 | 36* |
| Riau Islands | 79.4 | 1.7 | 18.9 | 94 |
| DKI Jakarta | 61.1 | 15.2 | 23.8 | 615 |
| West Java | 61.0 | 9.1 | 29.9 | 2,933 |
| Central Java | 65.0 | 13.3 | 21.7 | 2,074 |
| DI Yogyakarta | 63.4 | 8.5 | 28.2 | 189 |
| East Java | 74.0 | 8.8 | 17.2 | 2,128 |
| Banten | 64.4 | 11.0 | 24.6 | 645 |
| Bali | 62.4 | 8.4 | 29.1 | 126 |
| West Nusa Tenggara | 62.8 | 10.6 | 26.6 | 272 |
| East Nusa Tenggara | 62.2 | 10.4 | 27.4 | 212 |
| West Kalimantan | 69.8 | 4.6 | 25.6 | 118 |
| Central Kalimantan | 68.4 | 9.8 | 21.8 | 40* |
| South Kalimantan | 73.4 | 11.9 | 14.7 | 136 |
| East Kalimantan | 47.2 | 9.0 | 43.8 | 171 |
| North Kalimantan | 53.7 | 21.1 | 25.2 | 25* |
| North Sulawesi | 65.0 | 4.5 | 30.5 | 69 |
| Central Sulawesi | 55.1 | 9.7 | 35.2 | 119 |
| South Sulawesi | 60.3 | 8.0 | 31.8 | 355 |
| Southeast Sulawesi | 58.7 | 5.5 | 35.8 | 87 |
| Gorontalo | 43.9 | 10.4 | 45.8 | 51 |
| West Sulawesi | 59.6 | 17.2 | 23.2 | 50 |
| Maluku | 56.5 | 4.7 | 38.8 | 33* |
| North Maluku | 54.4 | 3.9 | 41.7 | 28* |
| West Papua | 68.0 | 9.3 | 22.8 | 6* |
| Southwest Papua | 53.2 | 7.1 | 39.7 | 14* |
| Papua | 36.0 | 15.5 | 48.4 | 19* |
| South Papua | 64.1 | 5.1 | 30.8 | 7* |
| Central Papua | 36.3 | 19.3 | 44.5 | 18* |
| Highland Papua | 15.2 | 2.1 | 82.7 | 13* |
| INDONESIA | 64.6 | 10.0 | 25.4 | 12,303 |

* Weighted N <50

Table 12.52 Proportion of First Aid Efforts for Delivery Complications in Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Efforts to Seek Health Facilities for First Aid in Delivery Complications | | | |
|--|---|------------------|-------------|------------|
| | Immediate Referral | Delayed Referral | No Referral | Weighted N |
| Age Category (Years) | | | | |
| <15 | 13.7 | 0.0 | 86.3 | 2* |
| 15-19 | 78.2 | 4.3 | 17.5 | 93 |
| 20-24 | 65.3 | 11.3 | 23.4 | 1,564 |
| 25-29 | 66.1 | 10.4 | 23.5 | 3,577 |
| 30-34 | 63.2 | 10.4 | 26.4 | 3,275 |
| 35-39 | 64.6 | 8.5 | 26.9 | 2,363 |
| 40-44 | 63.4 | 9.1 | 27.5 | 1,194 |
| 45-49 | 57.0 | 13.7 | 29.4 | 221 |
| 50-54 | 80.3 | 8.0 | 11.7 | 15* |
| Age Group (Specific) | | | | |
| 10 - 19 (Teenagers) | 77.3 | 4.3 | 18.4 | 95 |
| 15 - 49 (WRA) | 64.6 | 10.0 | 25.4 | 12,287 |
| Education | | | | |
| Never attended school | 71.9 | 11.1 | 16.9 | 160 |
| Some primary school/Islamic primary school | 62.9 | 11.5 | 25.7 | 367 |
| Primary school/Islamic primary school graduate | 64.2 | 10.7 | 25.0 | 1,682 |
| Junior secondary school/Islamic junior secondary school graduate | 64.9 | 11.1 | 24.0 | 2,740 |
| Senior secondary school/Islamic senior secondary school graduate | 64.9 | 9.8 | 25.3 | 5,187 |
| Tamat D1/D2/D3 | 63.7 | 8.3 | 28.0 | 2,167 |
| Occupation | | | | |
| Unemployed | 63.6 | 10.4 | 26.0 | 7,588 |
| Student | 68.4 | 4.3 | 27.3 | 77 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 54.7 | 11.6 | 33.7 | 372 |
| Private employee | 68.3 | 7.4 | 24.3 | 1,470 |
| Self-employed | 65.9 | 9.4 | 24.8 | 1,259 |
| Farmer/farm laborer | 68.0 | 11.8 | 20.1 | 364 |
| Fisher | 42.3 | | 57.7 | 7* |
| Labor/driver/domestic help | 65.7 | 15.6 | 18.7 | 283 |
| Others | 67.2 | 9.5 | 23.2 | 884 |
| Residence | | | | |
| Urban | 63.5 | 9.9 | 26.6 | 7,926 |
| Rural | 66.6 | 10.3 | 23.1 | 4,377 |
| Economic Status | | | | |
| Lowest | 66.1 | 9.6 | 24.3 | 1,119 |
| Lower middle | 65.5 | 12.2 | 22.3 | 1,841 |
| Middle | 69.5 | 9.5 | 21.1 | 2,608 |
| Upper middle | 63.0 | 11.1 | 25.9 | 3,135 |
| Highest | 61.6 | 8.5 | 29.9 | 3,600 |

* Weighted N <50

11. Proportion of First Healthcare Facilities Referred to by Mothers during Delivery Complications

Healthcare facilities that serve as the first referral place when mothers experience delivery complications, including: midwife practices, community health centers, clinics, maternity hospitals, private hospitals, and government hospitals.

Proportion of Referral Healthcare Facilities for Complications =

$$\frac{\text{Number of women aged 10-54 years according to the healthcare facilities referred to}}{\text{Number of women aged 10-54 years who gave birth to their last child and were referred to healthcare facilities for delivery complications}} \times 100$$

12. Proportion of Financing Sources for Referral of Delivery Complications

Sources of expenses used by mothers during childbirth, which may come from BPJS/JKN/KIS (government health insurance), private insurance, employer's expenses, other people's expenses, self-funding, Jampersal (free maternity care for the poor), Jampersalda, and others.

Proportion of Financing Sources for Referral =

$$\frac{\text{Number of women aged 10-54 years according to the type of funding source for referral of delivery complications}}{\text{Number of women aged 10-54 years who gave birth to their last child and were referred to healthcare facilities for delivery complication}} \times 100$$

13. Proportion of Reasons for Not Being Referred to Healthcare Facilities for Complications

Reasons may include feeling unnecessary, not allowed by family, financial problems, lack of transportation, distant healthcare facilities, family issues, and others.

Proportion of Reasons for Not Being Referred to Healthcare Facilities for Complications =

$$\frac{\text{Number of women aged 10-54 years according to the reasons for not being referred for delivery complications}}{\text{Number of women aged 10-54 years who gave birth to their last child and were not referred to healthcare facilities for delivery complications}} \times 100$$

**Table 12.53 Proportion of First Health Facilities Utilized as First Referral when Experiencing Delivery Complications in Women Aged 10-54 Years by Province, 2023
SKI**

| Province | First Referral Health Facilities % | | | | | Gov. Hospital | Weighted N |
|----------------------|------------------------------------|------------|------------|--------------------|------------------|---------------|--------------|
| | Medical Practices | Puskesmas | Clinic | Maternity Hospital | Private Hospital | | |
| Aceh | 2.0 | 1.9 | 3.9 | 2.8 | 39.1 | 50.4 | 125 |
| North Sumatra | 6.4 | 3.3 | 8.9 | 5.9 | 56.8 | 18.8 | 224 |
| West Sumatra | 1.9 | 11.3 | 3.3 | 23.4 | 40.1 | 19.9 | 176 |
| Riau | 2.7 | 7.0 | 6.0 | 6.2 | 51.9 | 26.2 | 156 |
| Jambi | 8.7 | 1.4 | 11.0 | 6.3 | 38.3 | 34.3 | 39 |
| South Sumatra | 5.8 | 6.6 | 7.9 | 9.0 | 39.6 | 31.1 | 148 |
| Bengkulu | 0.4 | 1.0 | 7.5 | 3.9 | 47.4 | 39.8 | 43* |
| Lampung | 8.0 | 0.7 | 0.3 | 8.3 | 71.5 | 11.0 | 267 |
| Kep. Bangka Belitung | 3.0 | 5.1 | 6.9 | 6.3 | 36.6 | 42.1 | 27* |
| Riau Islands | 7.1 | 3.9 | 6.7 | 3.2 | 55.5 | 23.6 | 76 |
| DKI Jakarta | 0.6 | 6.7 | 9.1 | 5.9 | 48.9 | 28.7 | 464 |
| West Java | 10.6 | 8.2 | 6.8 | 3.3 | 49.7 | 21.4 | 2,036 |
| Central Java | 7.9 | 9.6 | 3.5 | 3.8 | 50.3 | 24.8 | 1,608 |
| DI Yogyakarta | 3.2 | 4.0 | 6.7 | 8.4 | 46.3 | 31.4 | 135 |
| East Java | 10.4 | 8.7 | 4.0 | 5.8 | 49.8 | 21.3 | 1,745 |
| Banten | 2.9 | 8.6 | 7.5 | 3.0 | 58.4 | 19.6 | 481 |
| Bali | 3.8 | 0.5 | 0.8 | 1.6 | 63.5 | 29.9 | 89 |
| West Nusa Tenggara | 2.1 | 25.6 | 2.9 | 1.1 | 18.1 | 50.2 | 198 |
| East Nusa Tenggara | 0.1 | 11.1 | 3.5 | 0.7 | 26.0 | 58.6 | 152 |
| West Kalimantan | 7.4 | 10.3 | 1.8 | 8.5 | 32.2 | 39.9 | 87 |
| Central Kalimantan | 1.1 | 9.4 | 6.0 | 0.7 | 11.6 | 71.3 | 31* |
| South Kalimantan | 4.1 | 6.0 | 4.4 | 3.8 | 22.5 | 59.2 | 115 |
| East Kalimantan | 0.8 | 7.3 | 7.1 | 2.1 | 40.8 | 42.0 | 95 |
| North Kalimantan | 6.1 | 2.5 | 10.1 | 0.3 | 0.0 | 81.1 | 19* |
| North Sulawesi | 2.2 | 13.4 | 4.9 | 0.7 | 43.9 | 35.0 | 48* |
| Central Sulawesi | 2.0 | 14.4 | 0.0 | 7.5 | 25.5 | 50.7 | 76 |
| South Sulawesi | 1.3 | 7.8 | 3.6 | 7.9 | 23.7 | 55.6 | 240 |
| Southeast Sulawesi | 0.0 | 7.9 | 6.0 | 4.5 | 27.5 | 54.1 | 55* |
| Gorontalo | 2.1 | 5.9 | 0.0 | 3.3 | 22.3 | 66.4 | 28* |
| West Sulawesi | 0.0 | 21.1 | 0.0 | 4.5 | 15.1 | 59.3 | 38* |
| Maluku | 2.5 | 17.6 | 5.5 | 1.8 | 22.7 | 49.9 | 20* |
| North Maluku | 12.0 | 11.3 | 0.0 | 0.0 | 4.4 | 72.3 | 16* |
| Papua | 0.0 | 12.0 | 0.5 | 0.0 | 29.3 | 58.2 | 5* |
| South Papua | 0.0 | 4.2 | 0.0 | 0.0 | 53.5 | 42.3 | 8* |
| Central Papua | 0.1 | 15.9 | 1.9 | 0.0 | 34.0 | 48.0 | 10* |
| Highland Papua | 5.6 | 7.4 | 3.6 | 0.0 | 20.9 | 62.6 | 5* |
| West Papua | 0.0 | 6.9 | 6.7 | 6.6 | 22.1 | 57.7 | 10* |
| Southwest Papua | 0.0 | 12.2 | 0.0 | 0.0 | 0.0 | 87.8 | 2* |
| INDONESIA | 7.0 | 8.4 | 5.1 | 4.9 | 47.2 | 27.4 | 9,095 |

* Weighted N <50

Table 12.54 Proportion of First Referral Health Facilities Utilized as the First Referral when Experiencing Delivery Complications for Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | First Referral Health Facilities (%) | | | | | Gov. Hospital | Weighted N |
|--|--------------------------------------|-----------|--------|--------------------|------------------|---------------|------------|
| | Medical practices | Puskesmas | Clinic | Maternity Hospital | Private Hospital | | |
| Age Range (Year) | | | | | | | |
| 10 – 14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15 - 19 | 3.6 | 6.6 | 0.0 | 4.2 | 42.6 | 43.0 | 76 |
| 20 - 24 | 9.8 | 8.6 | 6.7 | 3.4 | 43.4 | 28.1 | 1,186 |
| 25 - 29 | 7.1 | 7.1 | 5.3 | 5.4 | 49.2 | 25.9 | 2,710 |
| 30 - 34 | 6.1 | 8.8 | 4.8 | 4.0 | 49.1 | 27.1 | 2,387 |
| 35 - 39 | 7.3 | 9.4 | 5.0 | 6.3 | 45.8 | 26.3 | 1,711 |
| 40 - 44 | 5.9 | 9.6 | 4.0 | 5.2 | 43.2 | 32.2 | 857 |
| 45 - 49 | 3.2 | 5.2 | 4.0 | 3.8 | 54.4 | 29.4 | 155 |
| 50 – 54 | 19.4 | 1.2 | 0.0 | 10.5 | 28.5 | 40.5 | 13* |
| Age Group (Specific) | | | | | | | |
| 10 - 19 (Teenagers) | 9.8 | 31.2 | 1.2 | 0.7 | 16.9 | 40.1 | 76* |
| 15- 49 (WRA) | 16.1 | 16.7 | 12.1 | 5.3 | 31.6 | 18.2 | 6,643 |
| Education | | | | | | | |
| Never attended school | 9.4 | 10.2 | 2.6 | 6.1 | 38.4 | 33.3 | 132 |
| Some primary school/Islamic primary school | 3.4 | 14.1 | 2.2 | 6.6 | 38.9 | 34.8 | 270 |
| Primary school/Islamic primary school graduate | 9.3 | 12.6 | 4.9 | 3.1 | 37.0 | 33.1 | 1,248 |
| Junior secondary school/Islamic junior secondary school graduate | 8.3 | 9.1 | 5.9 | 5.0 | 43.7 | 28.0 | 2,063 |
| Senior secondary school/Islamic senior secondary school graduate | 7.3 | 7.1 | 5.4 | 4.4 | 50.0 | 25.8 | 3,837 |
| D1/D2/D3/university graduate | 3.5 | 5.8 | 4.3 | 6.9 | 55.3 | 24.1 | 1,545 |
| Occupation | | | | | | | |
| Unemployed | 7.6 | 8.5 | 5.1 | 4.5 | 46.4 | 27.7 | 5,564 |
| Student | 2.9 | 4.6 | 6.3 | 0.0 | 48.2 | 38.1 | 55 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 1.4 | 4.2 | 7.8 | 6.5 | 45.0 | 35.1 | 244 |
| Private employee | 5.8 | 4.9 | 4.7 | 7.6 | 59.6 | 17.4 | 1,103 |
| Self-employed | 7.2 | 10.5 | 6.0 | 4.5 | 48.0 | 23.9 | 938 |
| Farmer/farm laborer | 10.3 | 11.5 | 4.0 | 1.9 | 36.9 | 35.4 | 288 |
| Fisher | 0.0 | 0.0 | 3.9 | 0.0 | 55.7 | 40.4 | 3* |
| Labor/driver/domestic help | 6.1 | 7.0 | 7.4 | 6.0 | 42.9 | 30.7 | 227 |
| Others | 5.5 | 10.7 | 3.1 | 4.6 | 38.8 | 37.3 | 672 |
| Residence | | | | | | | |
| Urban | 6.7 | 7.0 | 5.7 | 5.3 | 51.3 | 23.9 | 5,761 |
| Rural | 7.6 | 10.7 | 4.1 | 4.1 | 40.1 | 33.4 | 3,334 |
| Economic Status | | | | | | | |
| Lowest | 6.7 | 14.0 | 3.9 | 3.1 | 32.5 | 39.8 | 839 |
| Lower middle | 8.4 | 12.0 | 3.6 | 4.7 | 37.6 | 33.7 | 1,416 |
| Middle | 9.2 | 8.7 | 3.9 | 4.7 | 43.0 | 30.5 | 2,040 |
| Upper middle | 6.4 | 8.2 | 5.7 | 5.1 | 49.3 | 25.2 | 2,300 |
| Highest | 5.2 | 4.4 | 6.7 | 5.5 | 59.1 | 19.1 | 2,500 |

* Weighted N <50

Table 12.55 Proportion of Funding Sources for Referral Complications During Delivery for Women Aged 10-54 Years by Province, 2023 SKI

| Province | Sources of Funding for Referral Complications During Delivery (%) (%) | | | | | | | | Weighted N |
|--------------------|---|----------------------|--------------------|-------------------------------|------------------------------------|----------------|---------------|------------|--------------|
| | BPJS/ KIS | Private Insurance | Office Expenses | Other People's Expenses | Out of Pocket's Expense s | Jam- persal | Jam- perda | Others | |
| Aceh | 94.4 | 0.0 | 0.0 | 0.0 | 2.8 | 2.2 | 0.6 | 0.1 | 125 |
| North Sumatra | 65.9 | 0.0 | 0.0 | 1.7 | 30.8 | 1.3 | 0.2 | 0.1 | 224 |
| West Sumatra | 79.1 | 0.0 | 0.0 | 1.8 | 16.0 | 2.7 | 0.1 | 0.2 | 176 |
| Riau | 74.4 | 0.0 | 0.0 | 0.6 | 22.7 | 0.6 | 0.0 | 0.1 | 156 |
| Jambi | 63.9 | 0.0 | 0.0 | 0.0 | 29.1 | 0.7 | 1.0 | 2.2 | 39 |
| South Sumatra | 76.2 | 0.0 | 0.0 | 0.1 | 20.6 | 2.8 | 0.0 | 0.5 | 148 |
| Bengkulu | 77.5 | 0.0 | 0.0 | 0.0 | 17.5 | 2.1 | 0.0 | 0.0 | 43* |
| Lampung | 81.3 | 0.0 | 0.0 | 0.0 | 16.4 | 5.1 | 0.1 | 2.3 | 267 |
| Bangka Belitung | 78.0 | 0.0 | 0.0 | 1.9 | 15.1 | 2.1 | 0.0 | 2.0 | 27* |
| Riau Islands | 81.7 | 0.0 | 0.0 | 0.2 | 17.4 | 0.0 | 0.0 | 0.0 | 76 |
| DKI Jakarta | 79.2 | 0.0 | 0.0 | 0.0 | 17.0 | 0.0 | 0.0 | 0.0 | 464 |
| West Java | 71.0 | 0.0 | 0.0 | 1.0 | 22.6 | 1.5 | 0.5 | 1.3 | 2,036 |
| Central Java | 73.1 | 0.0 | 0.0 | 0.7 | 24.6 | 2.0 | 0.3 | 0.2 | 1,608 |
| DI Yogyakarta | 79.8 | 0.0 | 0.0 | 0.4 | 17.2 | 1.5 | 0.0 | 1.3 | 135 |
| East Java | 67.9 | 0.0 | 0.0 | 0.7 | 29.1 | 2.1 | 0.8 | 0.5 | 1,745 |
| Banten | 80.6 | 0.0 | 0.0 | 0.2 | 16.2 | 1.0 | 0.3 | 2.4 | 481 |
| Bali | 91.0 | 0.0 | 0.0 | 1.0 | 10.4 | 0.6 | 0.0 | 0.0 | 89 |
| West Nusa Tenggara | 74.2 | 0.0 | 0.0 | 0.4 | 15.3 | 8.9 | 1.0 | 2.2 | 198 |
| East Nusa Tenggara | 83.2 | 0.0 | 0.0 | 0.4 | 9.6 | 1.6 | 1.9 | 4.7 | 152 |
| West Kalimantan | 67.8 | 0.0 | 0.0 | 0.9 | 32.2 | 0.9 | 0.7 | 0.0 | 87 |
| Central Kalimantan | 80.5 | 0.0 | 0.0 | 3.6 | 14.7 | 1.8 | 0.0 | 0.0 | 31* |
| South Kalimantan | 80.3 | 0.0 | 0.0 | 1.1 | 16.0 | 1.3 | 1.6 | 0.8 | 115 |
| East Kalimantan | 83.1 | 0.0 | 0.0 | 2.2 | 10.9 | 0.2 | 0.0 | 0.0 | 95 |
| North Kalimantan | 90.5 | 0.0 | 0.0 | 0.0 | 11.0 | 4.7 | 0.0 | 0.9 | 19* |
| North Sulawesi | 89.1 | 0.0 | 0.0 | 0.0 | 20.1 | 0.0 | 0.0 | 0.0 | 48* |
| Central Sulawesi | 87.1 | 0.0 | 0.0 | 0.2 | 13.7 | 0.9 | 0.4 | 0.5 | 76 |
| South Sulawesi | 89.5 | 0.0 | 0.0 | 0.0 | 9.9 | 0.8 | 0.0 | 0.5 | 240 |
| Southeast Sulawesi | 83.9 | 0.0 | 0.0 | 0.0 | 11.8 | 0.9 | 0.4 | 0.0 | 55 |
| Gorontalo | 94.0 | 0.0 | 0.0 | 0.0 | 2.7 | 3.2 | 0.0 | 0.0 | 28* |
| West Sulawesi | 96.2 | 0.0 | 0.0 | 0.0 | 7.1 | 2.6 | 0.0 | 0.0 | 38* |
| Maluku | 74.0 | 0.0 | 0.0 | 0.0 | 27.4 | 0.0 | 0.0 | 2.8 | 20* |
| North Maluku | 84.7 | 0.0 | 0.0 | 0.6 | 7.2 | 0.0 | 7.7 | 0.0 | 16* |
| Papua | 81.8 | 0.0 | 0.0 | 0.0 | 21.0 | 0.0 | 0.0 | 0.0 | 5* |
| South Papua | 86.2 | 0.0 | 0.0 | 0.0 | 12.9 | 0.0 | 0.0 | 0.0 | 8* |
| Central Papua | 89.5 | 0.0 | 0.0 | 0.7 | 10.1 | 0.0 | 0.0 | 0.6 | 10* |
| Highland Papua | 92.9 | 0.0 | 0.0 | 0.0 | 21.4 | 0.0 | 0.0 | 0.0 | 5* |
| West Papua | 64.2 | 0.0 | 0.0 | 15.9 | 34.7 | 0.0 | 4.8 | 0.0 | 10* |
| Southwest Papua | 87.8 | 0.0 | 0.0 | 0.0 | 12.2 | 0.0 | 0.0 | 0.0 | 2* |
| INDONESIA | 74.6 | 0.0 | 0.0 | 0.7 | 21.7 | 1.8 | 0.5 | 0.8 | 9,095 |

* Weighted N <50

Table 12.56 Proportion of Sources of Funding for Referral Complications During Delivery for Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Sources of Funding for Delivery (%) | | | | | | | | Weighted N |
|--|-------------------------------------|-------------------|-----------------|-------------------------|--------------------------|------------|-----------|--------|------------|
| | BPJS /KIS | Private Insurance | Office Expenses | Other People's Expenses | Out of Pocket's Expenses | Jam-persal | Jam-perda | Others | |
| Age Range (Year) | | | | | | | | | |
| 10-14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0 |
| 15-19 | 68.5 | 0.0 | 0.0 | 1.2 | 26.6 | 3.6 | 0.0 | 0.0 | 76 |
| 20-24 | 75.4 | 0.0 | 0.0 | 0.9 | 23.3 | 1.8 | 0.4 | 0.2 | 1,186 |
| 25-29 | 76.1 | 0.0 | 0.0 | 0.5 | 19.5 | 1.8 | 0.5 | 1.1 | 2,710 |
| 30-34 | 74.3 | 0.0 | 0.0 | 0.5 | 23.1 | 1.6 | 0.3 | 0.9 | 2,387 |
| 35-39 | 74.1 | 0.0 | 0.0 | 0.8 | 21.8 | 1.5 | 0.5 | 0.6 | 1,711 |
| 40-44 | 71.9 | 0.0 | 0.0 | 1.2 | 21.7 | 2.8 | 0.4 | 1.5 | 857 |
| 45-49 | 69.5 | 0.0 | 0.0 | 0.5 | 22.1 | 4.3 | 2.6 | 0.6 | 155 |
| 50-54 | 53.1 | 0.0 | 0.0 | 0.0 | 50.6 | 0.7 | 0.0 | 0.0 | 13* |
| Age Group (Specific) | | | | | | | | | |
| 10 - 19 (Teenagers) | 68.4 | 0.0 | 0.0 | 1.2 | 26.5 | 3.9 | 0.0 | 0.0 | 76 |
| 15 - 49 (WRA) | 74.6 | 0.0 | 0.0 | 0.7 | 21.7 | 1.8 | 0.5 | 0.9 | 9,082 |
| Education | | | | | | | | | |
| Never attended school | 69.5 | 0.0 | 0.0 | 0.0 | 31.0 | 0.2 | 1.1 | 0.5 | 132 |
| Some primary school/Islamic primary school | 80.1 | 0.0 | 0.0 | 1.0 | 14.0 | 0.9 | 0.2 | 3.6 | 270 |
| Primary school/Islamic primary school graduate | 71.4 | 0.0 | 0.0 | 0.7 | 25.8 | 2.7 | 1.0 | 1.1 | 1,248 |
| Junior secondary school/Islamic junior secondary school graduate | 72.7 | 0.0 | 0.0 | 0.3 | 23.1 | 3.2 | 0.5 | 0.9 | 2,063 |
| Senior secondary school/Islamic senior secondary school graduate | 75.7 | 0.0 | 0.0 | 0.9 | 21.1 | 1.4 | 0.4 | 0.8 | 3,837 |
| D1/D2/D3/university graduate | 76.1 | 0.0 | 0.0 | 0.8 | 18.9 | 0.7 | 0.1 | 0.3 | 1,545 |
| Occupation | | | | | | | | | |
| Unemployed | 74.4 | 0.0 | 0.0 | 0.6 | 21.7 | 2.1 | 0.6 | 1.1 | 5,564 |
| Student | 91.6 | 0.0 | 0.0 | 0.0 | 11.4 | 0.9 | 0.0 | 0.0 | 55 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 88.0 | 0.0 | 0.0 | 0.2 | 10.1 | 0.1 | 0.1 | 0.2 | 244 |
| Private employee | 79.4 | 0.0 | 0.0 | 0.5 | 17.2 | 0.5 | 0.1 | 0.1 | 1,103 |
| Self-employed | 67.5 | 0.0 | 0.0 | 1.4 | 29.7 | 1.8 | 0.3 | 0.3 | 938 |
| Farmer/farm laborer | 70.6 | 0.0 | 0.0 | 1.0 | 25.0 | 4.1 | 0.2 | 1.9 | 288 |
| Fisher | 83.0 | 0.0 | 0.0 | 0.0 | 3.9 | 0.0 | 0.0 | 13.1 | 3* |
| Labor/driver/domestic help | 71.1 | 0.0 | 0.0 | 1.2 | 23.2 | 3.7 | 0.1 | 0.3 | 227 |
| Others | 74.7 | 0.0 | 0.0 | 0.9 | 22.0 | 1.3 | 0.7 | 0.7 | 672 |
| Residence | | | | | | | | | |
| Urban | 76.5 | 0.0 | 0.0 | 0.8 | 19.4 | 1.6 | 0.4 | 0.6 | 5,761 |
| Rural | 71.1 | 0.0 | 0.0 | 0.5 | 25.7 | 2.2 | 0.5 | 1.2 | 3,334 |
| Economic Status | | | | | | | | | |
| Lowest | 79.3 | 0.0 | 0.0 | 0.7 | 16.4 | 3.8 | 1.0 | 1.1 | 839 |
| Lower middle | 73.8 | 0.0 | 0.0 | 0.6 | 22.9 | 2.5 | 0.8 | 1.7 | 1,416 |
| Middle | 76.5 | 0.0 | 0.0 | 0.7 | 19.6 | 2.6 | 0.6 | 0.8 | 2,040 |
| Upper middle | 76.6 | 0.0 | 0.0 | 0.7 | 20.6 | 1.5 | 0.5 | 1.0 | 2,300 |
| Highest | 69.9 | 0.0 | 0.0 | 0.7 | 25.7 | 0.4 | 0.0 | 0.2 | 2,500 |

* Weighted N <50

Table 12.57 Proportion of Reasons for No Referral to Health Facilities for Delivery Complications among Women Aged 10-54 Years by Province, 2023 SKI

| Province | Reasons for No Referral to Health Facilities During Delivery Complications (%) | | | | | | | Weighted N |
|--------------------|--|-------------------------|------------------|-------------------|------------------|-----------------------|-------------|--------------|
| | Feels Unnecessary | Not Permitted by Family | Financial Issues | No Transportation | Distance Too Far | Family Issues at Home | Others | |
| Aceh | 66.2 | 14.4 | 3.0 | 1.7 | 0.2 | 0.5 | 21.0 | 29* |
| North Sumatra | 69.5 | 4.6 | 3.0 | 2.1 | 8.4 | 1.1 | 14.1 | 99 |
| West Sumatra | 72.0 | 4.5 | 2.7 | 0.0 | 3.5 | 0.8 | 21.1 | 63 |
| Riau | 62.1 | 0.0 | 9.3 | 7.2 | 9.4 | 6.0 | 32.4 | 41* |
| Jambi | 65.0 | 7.3 | 0.3 | 0.0 | 4.5 | 0.0 | 22.9 | 22* |
| South Sumatra | 66.2 | 0.0 | 6.0 | 2.9 | 8.5 | 0.0 | 22.2 | 50 |
| Bengkulu | 57.7 | 0.0 | 8.0 | 0.0 | 6.4 | 0.0 | 28.0 | 11* |
| Lampung | 67.0 | 0.2 | 3.2 | 1.2 | 0.0 | 0.7 | 31.3 | 127 |
| Bangka Belitung | 69.8 | 0.0 | 12.5 | 8.9 | 0.0 | 0.0 | 17.7 | 8* |
| Riau Islands | 66.0 | 0.0 | 0.0 | 0.0 | 2.6 | 2.1 | 29.7 | 18* |
| DKI Jakarta | 60.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 44.5 | 150 |
| West Java | 60.1 | 1.2 | 0.5 | 0.0 | 0.1 | 0.9 | 38.3 | 902 |
| Central Java | 57.6 | 0.8 | 1.5 | 0.5 | 1.5 | 0.1 | 39.6 | 463 |
| DI Yogyakarta | 34.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 65.3 | 55 |
| East Java | 55.4 | 0.4 | 0.8 | 0.0 | 1.2 | 0.2 | 42.0 | 377 |
| Banten | 38.9 | 4.5 | 1.0 | 0.0 | 0.0 | 0.0 | 56.4 | 163 |
| Bali | 28.2 | 0.0 | 0.0 | 0.0 | 3.2 | 0.0 | 68.6 | 38* |
| West Nusa Tenggara | 56.8 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 48.0 | 74 |
| East Nusa Tenggara | 56.6 | 0.3 | 0.5 | 1.0 | 5.0 | 0.0 | 37.8 | 60 |
| West Kalimantan | 52.1 | 0.0 | 1.8 | 0.0 | 8.8 | 0.0 | 39.1 | 31* |
| Central Kalimantan | 60.7 | 1.8 | 7.2 | 2.3 | 8.2 | 2.4 | 19.7 | 9* |
| South Kalimantan | 54.5 | 7.6 | 5.0 | 3.5 | 1.8 | 0.0 | 38.1 | 21* |
| East Kalimantan | 59.0 | 0.3 | 0.0 | 0.0 | 2.7 | 0.0 | 38.4 | 77 |
| North Kalimantan | 72.4 | 2.2 | 0.0 | 0.0 | 0.0 | 0.0 | 25.4 | 7* |
| North Sulawesi | 65.2 | 8.2 | 0.8 | 0.0 | 0.9 | 0.0 | 24.8 | 22* |
| Central Sulawesi | 69.6 | 3.4 | 0.9 | 0.0 | 2.6 | 0.0 | 26.2 | 43* |
| South Sulawesi | 69.2 | 0.7 | 0.6 | 0.0 | 0.9 | 0.0 | 29.0 | 116 |
| Southeast Sulawesi | 52.8 | 1.8 | 11.6 | 5.2 | 6.0 | 0.0 | 40.0 | 32* |
| Gorontalo | 60.9 | 3.9 | 0.0 | 0.0 | 0.0 | 0.0 | 35.2 | 24* |
| West Sulawesi | 78.7 | 4.4 | 0.0 | 0.0 | 1.7 | 0.0 | 15.2 | 12* |
| Maluku | 69.7 | 0.4 | 2.2 | 2.6 | 0.0 | 0.0 | 28.1 | 13* |
| North Maluku | 83.8 | 0.0 | 2.8 | 0.0 | 4.6 | 0.0 | 8.8 | 12* |
| West Papua | 58.7 | 16.7 | 11.4 | 13.3 | 11.8 | 0.0 | 16.1 | 2* |
| Southwest Papua | 79.0 | 8.6 | 3.0 | 0.0 | 1.0 | 0.0 | 8.3 | 6* |
| Papua | 63.2 | 0.5 | 0.6 | 0.6 | 7.2 | 0.0 | 29.0 | 9* |
| South Papua | 56.7 | 0.0 | 6.4 | 0.0 | 9.8 | 0.0 | 33.5 | 2* |
| Central Papua | 65.0 | 0.0 | 22.3 | 22.3 | 0.0 | 0.0 | 0.0 | 8* |
| Highland Papua | 71.9 | 7.5 | 0.0 | 0.0 | 4.5 | 0.0 | 16.0 | 11* |
| INDONESIA | 58.8 | 1.5 | 1.4 | 0.5 | 1.6 | 0.5 | 37.9 | 3,208 |

* Weighted N <50

Table 12.58 Proportion of Reasons for No Referral to Health Facilities for Delivery Complications among Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Reasons for No Referral to Health Facilities During Delivery Complications (%) | | | | | | | |
|--|--|-------------------------|------------------|-------------------|------------------|-----------------------|--------|------------|
| | Feels Unnecessary | Not Permitted by Family | Financial Issues | No Transportation | Distance Too Far | Family Issues at Home | Others | Weighted N |
| Age Range (Year) | | | | | | | | |
| 10-14 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1* |
| 15-19 | 85.0 | 0.0 | 1.6 | 0.0 | 4.7 | 0.0 | 9.7 | 17 |
| 20-24 | 57.1 | 5.1 | 2.4 | 1.4 | 3.0 | 0.7 | 36.1 | 376 |
| 25-29 | 61.0 | 1.4 | 0.9 | 0.3 | 1.2 | 0.0 | 36.4 | 865 |
| 30-34 | 57.6 | 1.3 | 1.5 | 0.4 | 1.7 | 0.5 | 38.7 | 889 |
| 35-39 | 61.7 | 0.5 | 1.0 | 0.3 | 0.9 | 1.2 | 36.4 | 654 |
| 40-44 | 53.3 | 1.1 | 1.5 | 0.7 | 1.5 | 0.2 | 45.0 | 338 |
| 45-49 | 48.7 | 0.5 | 4.2 | 1.8 | 2.2 | 0.0 | 44.4 | 67 |
| 50-54 | 65.5 | 9.0 | 0.0 | 0.0 | 15.0 | 0.0 | 10.5 | 2* |
| Age Group (Specific) | | | | | | | | |
| 10 - 19 (Teenagers) | 86.0 | 0.0 | 1.5 | 0.0 | 4.3 | 0.0 | 9.0 | 18 |
| 15 - 49 (WRA) | 58.8 | 1.5 | 1.4 | 0.5 | 1.6 | 0.5 | 38.0 | 3,206 |
| Education | | | | | | | | |
| Never attended school | 64.1 | 0.0 | 10.3 | 6.9 | 3.4 | 0.0 | 22.2 | 28* |
| Some primary school/Islamic primary school | 44.0 | 0.0 | 4.2 | 2.3 | 1.4 | 0.0 | 55.6 | 97 |
| Primary school/Islamic primary school graduate | 65.9 | 3.4 | 1.8 | 0.6 | 1.8 | 0.3 | 28.7 | 433 |
| Junior secondary school/Islamic junior secondary school graduate | 62.9 | 1.5 | 1.9 | 0.3 | 3.0 | 1.1 | 32.0 | 675 |
| Senior secondary school/Islamic senior secondary school graduate | 57.3 | 1.6 | 1.2 | 0.6 | 1.3 | 0.3 | 40.2 | 1,350 |
| D1/D2/D3/university graduate | 54.8 | 0.6 | 0.1 | 0.0 | 0.4 | 0.3 | 43.8 | 624 |
| Occupation | | | | | | | | |
| Unemployed | 60.5 | 1.8 | 1.4 | 0.6 | 1.3 | 0.2 | 37.0 | 2,025 |
| Student | 63.4 | 6.1 | 0.4 | 0.0 | 7.0 | 0.0 | 35.2 | 22* |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 52.6 | 0.0 | 0.0 | 0.0 | 0.6 | 0.9 | 45.1 | 129 |
| Private employee | 51.9 | 0.8 | 1.1 | 0.2 | 1.0 | 0.0 | 45.3 | 367 |
| Self-employed | 58.6 | 1.5 | 1.4 | 0.8 | 1.7 | 2.5 | 34.9 | 321 |
| Farmer/farm laborer | 57.6 | 2.4 | 4.5 | 0.3 | 9.7 | 0.0 | 31.0 | 75 |
| Fisher | 96.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.3 | 4* |
| Labor/driver/domestic help | 53.3 | 0.8 | 0.8 | 0.0 | 0.5 | 0.0 | 46.2 | 54 |
| Others | 59.1 | 0.8 | 2.4 | 1.1 | 2.3 | 0.5 | 36.0 | 211 |
| Residence | | | | | | | | |
| Urban | 56.8 | 1.3 | 1.2 | 0.3 | 0.8 | 0.5 | 41.1 | 2,168 |
| Rural | 62.9 | 2.0 | 1.8 | 1.0 | 3.2 | 0.3 | 31.3 | 1,040 |
| Economic Status | | | | | | | | |
| Lowest | 57.7 | 4.4 | 2.7 | 2.2 | 4.4 | 0.9 | 34.4 | 280 |
| Lower middle | 59.2 | 2.6 | 3.4 | 0.7 | 3.8 | 0.1 | 33.9 | 423 |
| Middle | 65.3 | 1.7 | 1.7 | 0.8 | 1.8 | 0.2 | 30.3 | 564 |
| Upper middle | 64.2 | 1.6 | 1.3 | 0.3 | 0.7 | 1.2 | 32.7 | 836 |
| Highest | 51.6 | 0.3 | 0.2 | 0.0 | 0.5 | 0.1 | 48.2 | 1,105 |

* Weighted N <50

12.4 POSTPARTUM PERIOD

1. Proportion of Types of Postpartum Care (KF)

The types of maternal health services obtained during the 42 days after childbirth include: KF 1 (6 hours to 2 days after delivery), KF 2 (3 to 7 days after delivery), KF 3 (8 – 28 days), and KF 4 (29 to 42 days after delivery),

Proportion of Types of Postpartum Care (KF) =

$$\frac{\text{Number of women aged 10-54 years according to the type of postpartum care during their last childbirth}}{\text{Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date}} \times 100$$

2. Proportion of Complete Postpartum Care (Complete KF)

Maternal health services obtained during the 42 days after childbirth, at least 4 times, including: KF 1 (6 hours to 2 days after delivery), KF 2 (3 to 7 days after delivery), KF 3 (8 – 28 days), and KF 4 (29 to 42 days after delivery),

Proportion of Complete KF Services =

$$\frac{\text{Number of women aged 10-54 years who received postpartum care within 6 hours to 42 days after giving birth to their last child, 4 times according to KF1, KF2, KF3, and KF4}}{\text{Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date and received postpartum care}} \times 100$$

3. Proportion of Mothers Not Receiving Postpartum Care/Never Examined After Childbirth:

Mothers who did not receive postpartum care, including KF1, KF2, KF3, and KF4,

Proportion of Not Receiving Postpartum Care (KF) =

$$\frac{\text{Number of women aged 10-54 years who did not receive postpartum care during their last childbirth}}{\text{Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date}} \times 100$$

Table 12.59 Proportion of Postpartum Services Received by Women Aged 10-54 Years by Province, 2023 SKI

| Province | Period of Receiving Postpartum Services (KF) | | | | Never Examined After Delivery | Weighted N |
|----------------------|--|----------------|-----------------|------------------|-------------------------------|---------------|
| | 6 hrs-2 days (KF1) ¹ | 3-7 days (KF2) | 8-28 days (KF3) | 29-42 days (KF4) | | |
| Aceh | 86.7 | 73.4 | 41.2 | 27.9 | 25.0 | 6.2 |
| North Sumatra | 87.2 | 69.9 | 24.1 | 13.7 | 11.1 | 6.4 |
| West Sumatra | 91.4 | 63.5 | 35.2 | 25.3 | 22.5 | 5.4 |
| Riau | 85.1 | 61.4 | 26.4 | 19.0 | 15.7 | 8.6 |
| Jambi | 92.3 | 71.9 | 37.0 | 25.4 | 22.5 | 3.8 |
| South Sumatra | 81.2 | 60.5 | 35.7 | 31.0 | 22.5 | 7.8 |
| Bengkulu | 87.8 | 69.4 | 34.9 | 27.1 | 24.8 | 7.9 |
| Lampung | 89.9 | 78.7 | 48.8 | 41.0 | 34.2 | 4.3 |
| Kep, Bangka Belitung | 85.8 | 66.3 | 42.5 | 31.4 | 27.0 | 6.4 |
| Riau Islands | 90.2 | 69.5 | 29.0 | 22.0 | 13.7 | 4.1 |
| DKI Jakarta | 88.3 | 80.6 | 64.1 | 48.0 | 42.7 | 4.3 |
| West Java | 83.3 | 80.0 | 52.0 | 41.9 | 32.6 | 4.7 |
| Central Java | 86.7 | 78.7 | 48.9 | 29.0 | 25.3 | 4.9 |
| DI Yogyakarta | 93.9 | 85.0 | 63.3 | 35.7 | 31.1 | 2.1 |
| East Java | 81.2 | 80.3 | 53.3 | 37.0 | 31.2 | 4.9 |
| Banten | 81.5 | 72.7 | 43.7 | 31.2 | 23.8 | 6.9 |
| Bali | 94.9 | 81.5 | 59.2 | 55.6 | 47.1 | 1.9 |
| West Nusa Tenggara | 82.1 | 72.1 | 46.9 | 35.1 | 29.8 | 7.8 |
| East Nusa Tenggara | 84.5 | 69.0 | 51.5 | 45.0 | 39.0 | 8.1 |
| West Kalimantan | 79.9 | 48.3 | 26.8 | 22.3 | 15.9 | 9.6 |
| Central Kalimantan | 76.5 | 62.1 | 36.3 | 30.5 | 24.6 | 12.3 |
| South Kalimantan | 88.4 | 74.5 | 43.9 | 31.6 | 28.6 | 7.8 |
| East Kalimantan | 85.6 | 54.6 | 22.6 | 18.2 | 10.8 | 8.4 |
| North Kalimantan | 88.7 | 77.7 | 52.1 | 41.9 | 37.7 | 3.5 |
| North Sulawesi | 82.4 | 55.4 | 31.2 | 27.0 | 18.7 | 9.0 |
| Central Sulawesi | 80.3 | 59.2 | 33.2 | 24.5 | 20.5 | 11.3 |
| South Sulawesi | 80.8 | 45.1 | 25.3 | 19.9 | 15.6 | 13.3 |
| Southeast Sulawesi | 85.4 | 51.0 | 27.7 | 22.3 | 17.7 | 10.5 |
| Gorontalo | 81.4 | 56.1 | 36.7 | 33.9 | 27.7 | 11.8 |
| West Sulawesi | 84.5 | 66.0 | 42.3 | 25.8 | 22.9 | 9.7 |
| Maluku | 67.3 | 38.7 | 19.2 | 17.6 | 12.2 | 26.3 |
| North Maluku | 74.7 | 47.3 | 34.4 | 30.8 | 25.9 | 18.8 |
| West Papua | 71.0 | 47.3 | 30.9 | 29.2 | 24.7 | 25.7 |
| Southwest Papua | 66.4 | 31.9 | 16.5 | 15.1 | 9.6 | 27.7 |
| Papua | 75.0 | 43.0 | 28.1 | 24.8 | 18.0 | 17.1 |
| South Papua | 56.4 | 35.2 | 25.1 | 28.9 | 16.0 | 29.7 |
| Central Papua | 35.0 | 18.2 | 15.7 | 17.2 | 7.5 | 51.0 |
| Highland Papua | 51.9 | 40.1 | 17.9 | 18.9 | 11.0 | 39.3 |
| INDONESIA | 83.9 | 71.9 | 44.3 | 32.8 | 26.8 | 6.9 |
| | | | | | | 70,916 |

¹ KF1 includes mothers who give birth at health facilities.

² Complete KF = receiving KF 1 (6 hours - 2 days), KF 2 (3 - 7 days), KF3 (8-28 days), and KF 4 (29 - 42 days).

Table 12.60 Proportion of Postnatal Care Services among Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Period of Receiving Postpartum Services (KF) | | | | Never Examined After Delivery | Weighted N |
|--|--|----------------|-----------------|------------------|-------------------------------|------------|
| | 6 hrs-2 days (KF1) ¹ | 3-7 days (KF2) | 8-28 days (KF3) | 29-42 days (KF4) | | |
| Age Range (Year) | | | | | | |
| 10 – 14 | 100.0 | 18.0 | 0.0 | 0.0 | 0.0 | 22.1 |
| 15 – 19 | 70.7 | 56.9 | 34.1 | 26.9 | 22.7 | 7.8 |
| 20 – 24 | 82.8 | 69.0 | 42.4 | 30.8 | 24.3 | 6.5 |
| 25 – 29 | 84.3 | 72.7 | 44.3 | 32.8 | 26.9 | 6.1 |
| 30 – 34 | 84.1 | 73.0 | 44.5 | 33.4 | 27.3 | 6.6 |
| 35 – 39 | 84.6 | 72.7 | 45.7 | 33.2 | 27.6 | 7.1 |
| 40 – 44 | 84.5 | 72.9 | 46.3 | 34.5 | 28.4 | 9.4 |
| 45 – 49 | 81.8 | 67.9 | 40.9 | 30.1 | 24.5 | 18.8 |
| 50 – 54 | 67.2 | 49.9 | 42.9 | 25.9 | 20.3 | 22.1 |
| Age Group (Specific) | | | | | | |
| 10 - 19 (Teenagers) | 70.8 | 56.7 | 34.0 | 26.8 | 22.6 | 22.0 |
| 15 - 49 (WRA) | 83.9 | 72.0 | 44.3 | 32.8 | 26.8 | 6.9 |
| Education | | | | | | |
| Never attended school | 70.4 | 57.0 | 28.2 | 24.9 | 17.7 | 21.1 |
| Some primary school/Islamic primary school | 75.5 | 61.5 | 37.0 | 30.6 | 23.7 | 14.3 |
| Primary school/Islamic primary school graduate | 80.1 | 68.3 | 41.5 | 31.8 | 25.4 | 9.3 |
| Junior secondary school/Islamic junior secondary school graduate | 83.5 | 72.7 | 44.5 | 31.9 | 26.2 | 6.5 |
| Senior secondary school/Islamic senior secondary school graduate | 85.6 | 73.2 | 45.0 | 32.6 | 26.7 | 5.7 |
| D1/D2/D3/university graduate | 87.5 | 75.5 | 48.9 | 36.6 | 31.2 | 4.7 |
| Occupation | | | | | | |
| Unemployed | 83.6 | 71.5 | 43.1 | 31.9 | 25.7 | 6.8 |
| Student | 83.0 | 66.7 | 45.4 | 35.5 | 26.1 | 10.5 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 87.4 | 74.1 | 51.5 | 39.6 | 34.1 | 4.5 |
| Private employee | 87.1 | 78.3 | 51.4 | 37.4 | 31.5 | 4.2 |
| Self-employed | 84.8 | 76.3 | 47.6 | 33.5 | 28.3 | 5.6 |
| Farmer/farm laborer | 77.7 | 63.4 | 40.3 | 31.5 | 25.6 | 12.7 |
| Fisher | 72.8 | 66.3 | 49.6 | 41.6 | 39.5 | 19.2 |
| Labor/driver/domestic help | 82.2 | 70.1 | 41.4 | 28.8 | 22.0 | 9.8 |
| Others | 83.8 | 68.7 | 42.6 | 32.3 | 27.1 | 6.276 |
| Residence | | | | | | |
| Urban | 84.5 | 74.0 | 46.3 | 34.2 | 27.6 | 5.7 |
| Rural | 83.0 | 69.2 | 41.7 | 30.8 | 25.6 | 8.5 |
| Economic Status | | | | | | |
| Lowest | 77.8 | 71.4 | 38.4 | 29.4 | 23.5 | 13.3 |
| Lower middle | 82.6 | 74.8 | 39.9 | 28.6 | 23.6 | 8.2 |
| Middle | 84.0 | 77.5 | 43.8 | 32.8 | 27.0 | 6.8 |
| Upper middle | 84.6 | 78.2 | 45.7 | 33.1 | 26.6 | 5.1 |
| Highest | 87.0 | 80.6 | 49.6 | 36.9 | 30.7 | 4.6 |

¹ KF1 includes mothers who give birth at health facilities.

² Complete KF = receiving KF 1 (6 hours - 2 days), KF 2 (3 - 7 days), KF3 (8-28 days), and KF 4 (29 - 42 days).

4. Proportion of Knowing Postpartum Danger Signs among Women Aged 10-54 Years Who Have Given Birth

Mothers know and can mention postpartum danger signs without needing to be read to,

Proportion of Knowing Postpartum Danger Signs =

Number of women aged 10-54 years who know the postpartum danger signs experienced during their last childbirth

X 100

Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date

5. Proportion of Types of Postpartum Danger Signs among Women Aged 10-54 Years Who Have Given Birth

Types of postpartum danger signs include: bleeding through the birth canal, foul-smelling discharge through the birth canal, swelling in the face, legs, and arms or headaches, seizures, fever or high temperature for more than 2 days, swollen and painful breasts, and the mother appears sad, gloomy, and cries for no reason (depression),

Proportion of Types of Postpartum Danger Signs =

Number of women aged 10-54 years according to the type of postpartum danger signs experienced during their last childbirth

X 100

Number of women aged 10-54 years who gave birth to their last child from January 1, 2018, to the interview date

Table 12.61 Proportion of Knowing Postpartum Danger Signs and Types of Postpartum Danger Signs among Women Aged 10-54 Years by Province, 2023 SKI

| Province | Awareness of postpartum danger signs (%) | Types of Postpartum Danger Signs (%) | | | | | | | | Weighted N |
|--------------------|--|--------------------------------------|---------------------------|---|-------------|--|-------------------------------|--------------------------|---------------|------------|
| | | Vaginal bleeding | Discharge with foul smell | Swelling in the face, legs, or hands, or headache | Seizure | Fever or high temperature for more than 2 days | Swollen, red, painful breasts | Appears sad or depressed | | |
| Aceh | 55.0 | 50.6 | 36.0 | 29.5 | 31.8 | 30.2 | 29.8 | 21.9 | 1,472 | |
| North Sumatra | 45.1 | 40.6 | 28.1 | 25.2 | 24.5 | 25.3 | 25.4 | 19.2 | 3,439 | |
| West Sumatra | 55.6 | 50.8 | 31.0 | 24.6 | 23.8 | 26.8 | 26.1 | 17.2 | 1,565 | |
| Riau | 59.3 | 55.7 | 40.9 | 31.0 | 32.8 | 29.2 | 33.0 | 19.6 | 1,684 | |
| Jambi | 58.1 | 54.4 | 46.9 | 36.5 | 35.4 | 40.2 | 40.0 | 26.7 | 751 | |
| South Sumatra | 53.7 | 48.3 | 36.3 | 27.7 | 26.1 | 27.4 | 29.1 | 18.4 | 2,021 | |
| Bengkulu | 56.0 | 50.9 | 39.5 | 30.5 | 29.2 | 28.9 | 29.2 | 21.3 | 479 | |
| Lampung | 52.6 | 49.5 | 32.3 | 22.0 | 22.2 | 19.7 | 22.0 | 14.5 | 2,473 | |
| Bangka Belitung | 66.5 | 61.6 | 40.3 | 37.5 | 37.6 | 36.7 | 37.9 | 28.3 | 307 | |
| Riau Islands | 42.7 | 36.4 | 24.2 | 20.7 | 19.3 | 20.2 | 25.7 | 19.6 | 647 | |
| DKI Jakarta | 57.8 | 52.9 | 29.9 | 24.9 | 19.1 | 23.7 | 23.7 | 17.2 | 2,581 | |
| West Java | 39.4 | 34.7 | 15.0 | 12.9 | 12.7 | 13.8 | 13.4 | 10.3 | 14,340 | |
| Central Java | 50.1 | 45.0 | 23.8 | 20.3 | 17.9 | 19.8 | 20.3 | 14.4 | 9,571 | |
| DI Yogyakarta | 61.8 | 54.9 | 28.2 | 19.2 | 18.1 | 19.9 | 20.7 | 17.5 | 743 | |
| East Java | 50.2 | 45.9 | 29.4 | 25.7 | 23.4 | 24.1 | 23.9 | 16.4 | 9,136 | |
| Banten | 45.1 | 41.0 | 23.5 | 18.3 | 17.6 | 19.8 | 22.9 | 15.6 | 3,331 | |
| Bali | 66.8 | 63.0 | 44.0 | 34.7 | 32.6 | 36.0 | 37.4 | 30.6 | 988 | |
| West Nusa Tenggara | 46.5 | 41.8 | 28.1 | 25.3 | 21.3 | 22.3 | 23.0 | 13.6 | 1,718 | |
| East Nusa Tenggara | 45.9 | 41.6 | 30.6 | 28.5 | 26.4 | 25.3 | 26.0 | 18.5 | 1,616 | |
| West Kalimantan | 51.1 | 45.8 | 32.7 | 26.9 | 28.5 | 28.5 | 30.4 | 19.6 | 1,330 | |
| Central Kalimantan | 49.4 | 43.9 | 34.6 | 31.1 | 30.6 | 30.6 | 34.8 | 22.7 | 605 | |
| South Kalimantan | 55.5 | 50.5 | 36.3 | 28.1 | 30.0 | 26.9 | 29.1 | 17.6 | 978 | |
| East Kalimantan | 50.0 | 44.5 | 26.2 | 21.2 | 20.1 | 23.8 | 21.5 | 17.0 | 1,042 | |
| North Kalimantan | 60.0 | 50.2 | 38.5 | 36.0 | 31.9 | 32.2 | 39.3 | 22.7 | 219 | |
| North Sulawesi | 44.1 | 40.0 | 27.9 | 21.5 | 23.7 | 22.8 | 21.4 | 15.9 | 545 | |
| Central Sulawesi | 35.7 | 30.0 | 19.5 | 16.6 | 16.1 | 15.2 | 16.8 | 11.2 | 821 | |
| South Sulawesi | 40.8 | 36.6 | 22.1 | 20.4 | 19.1 | 20.4 | 21.1 | 14.4 | 2,668 | |
| Southeast Sulawesi | 29.7 | 26.5 | 18.2 | 16.0 | 15.9 | 14.9 | 15.3 | 10.0 | 746 | |
| Gorontalo | 40.4 | 37.3 | 21.7 | 18.1 | 17.0 | 18.9 | 19.0 | 11.2 | 323 | |
| West Sulawesi | 28.3 | 24.5 | 17.0 | 13.9 | 13.6 | 13.9 | 15.9 | 8.3 | 431 | |
| Maluku | 34.5 | 29.6 | 21.3 | 19.2 | 18.0 | 18.3 | 18.5 | 9.0 | 522 | |
| North Maluku | 33.7 | 29.3 | 23.3 | 21.6 | 20.5 | 21.0 | 22.3 | 15.3 | 349 | |
| West Papua | 38.4 | 33.4 | 25.5 | 23.0 | 26.6 | 27.0 | 23.5 | 21.5 | 153 | |
| Southwest Papua | 31.6 | 28.2 | 15.2 | 13.0 | 13.8 | 15.5 | 16.4 | 6.4 | 205 | |
| Papua | 34.3 | 31.5 | 24.3 | 24.2 | 23.6 | 24.6 | 24.8 | 21.1 | 240 | |
| South Papua | 21.4 | 20.0 | 14.2 | 11.3 | 12.3 | 10.3 | 13.5 | 8.6 | 155 | |
| Central Papua | 49.4 | 30.6 | 30.2 | 31.6 | 20.0 | 32.7 | 35.8 | 28.3 | 381 | |
| Highland Papua | 27.6 | 25.5 | 23.2 | 24.0 | 22.1 | 22.8 | 23.4 | 19.6 | 339 | |
| INDONESIA | 47.4 | 42.7 | 25.9 | 21.8 | 20.5 | 21.5 | 22.2 | 15.5 | 70,916 | |

Table 12.62 Proportion of Women Aged 10-54 Years Who Know Postpartum Danger Signs and Types of Danger Signs by Characteristic, 2023 SKI

| Characteristic | Awareness of Postpartum Danger Signs (%) | Types of Postpartum Danger Signs (%) | | | | | | | | Weighted N |
|--|--|--------------------------------------|---------------------------|---|---------|--|-------------------------------|--------------------------|--------|------------|
| | | Vaginal bleeding | Discharge with foul smell | Swelling in the face, legs, or hands, or headache | Seizure | Fever or high temperature for more than 2 days | Swollen, red, painful breasts | Appears sad or depressed | | |
| Age Range (Year) | | | | | | | | | | |
| 10 – 14 | 6.9 | 6.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4* | |
| 15 – 19 | 30.5 | 20.4 | 14.4 | 19.7 | 13.1 | 21.1 | 19.8 | 14.9 | 853 | |
| 20 – 24 | 39.9 | 35.5 | 21.6 | 17.2 | 17.5 | 17.9 | 18.3 | 12.7 | 9,851 | |
| 25 – 29 | 47.7 | 43.2 | 26.9 | 22.2 | 20.6 | 22.0 | 22.2 | 15.9 | 20,434 | |
| 30 – 34 | 50.9 | 46.0 | 27.6 | 23.9 | 22.7 | 23.2 | 24.4 | 17.4 | 19,354 | |
| 35 – 39 | 50.0 | 45.3 | 26.9 | 22.3 | 21.2 | 22.1 | 22.8 | 15.5 | 13,042 | |
| 40 – 44 | 45.5 | 41.1 | 24.5 | 20.6 | 18.6 | 20.2 | 20.6 | 13.5 | 5,959 | |
| 45 – 49 | 38.3 | 34.5 | 21.8 | 18.5 | 18.3 | 18.6 | 19.0 | 13.0 | 1,276 | |
| 50 – 54 | 47.8 | 47.3 | 30.5 | 21.9 | 15.7 | 16.8 | 22.8 | 12.4 | 143 | |
| Specific Age Group | | | | | | | | | | |
| 10 - 19 (Teenagers) | 30.4 | 20.4 | 14.3 | 19.6 | 13.0 | 21.0 | 19.7 | 14.8 | 857 | |
| 15 - 49 (WRA) | 47.4 | 42.7 | 25.9 | 21.8 | 20.5 | 21.6 | 22.2 | 15.5 | 70,769 | |
| Education | | | | | | | | | | |
| Never attended school | 30.7 | 27.2 | 20.3 | 16.0 | 16.7 | 16.7 | 17.6 | 11.6 | 1,171 | |
| Some primary school/Islamic primary school | 39.6 | 33.0 | 23.2 | 21.2 | 17.9 | 20.4 | 20.2 | 13.5 | 2,586 | |
| Primary school/Islamic primary school graduate | 37.3 | 33.5 | 20.4 | 17.8 | 17.6 | 16.8 | 17.5 | 11.8 | 11,827 | |
| Junior secondary school/Islamic junior secondary school graduate | 43.8 | 39.3 | 23.7 | 19.6 | 18.7 | 18.9 | 19.4 | 13.1 | 16,324 | |
| Senior secondary school/Islamic senior secondary school graduate | 48.2 | 43.3 | 25.4 | 20.9 | 19.6 | 21.1 | 22.0 | 15.0 | 27,898 | |
| D1/D2/D3/university graduate | 64.8 | 59.5 | 37.7 | 32.0 | 29.9 | 32.3 | 32.4 | 24.9 | 11,110 | |
| Occupation | | | | | | | | | | |
| Unemployed | 44.7 | 39.8 | 23.1 | 19.1 | 18.3 | 19.1 | 19.7 | 13.2 | 44,394 | |
| Student | 43.4 | 40.2 | 24.4 | 20.4 | 19.4 | 19.2 | 24.0 | 15.1 | 404 | |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 71.2 | 65.3 | 46.2 | 38.9 | 35.6 | 38.4 | 38.9 | 30.9 | 2,098 | |
| Private employee | 56.6 | 51.9 | 31.4 | 27.7 | 24.2 | 27.4 | 27.6 | 20.6 | 6,715 | |
| Self-employed | 52.2 | 47.9 | 30.0 | 25.4 | 23.4 | 24.3 | 24.9 | 18.0 | 6,210 | |
| Farmer/farm laborer | 40.9 | 37.9 | 27.0 | 21.3 | 22.0 | 21.0 | 22.2 | 15.3 | 3,362 | |
| Fisher | 40.3 | 35.1 | 24.4 | 27.1 | 23.7 | 25.4 | 21.0 | 19.5 | 58 | |
| Laborer/driver/domestic help | 43.2 | 38.2 | 19.6 | 17.8 | 13.8 | 18.8 | 18.0 | 13.1 | 1,399 | |
| Others | 48.2 | 43.7 | 30.1 | 25.7 | 25.7 | 25.1 | 26.3 | 19.1 | 6,276 | |
| Residence | | | | | | | | | | |
| Urban | 48.5 | 43.8 | 25.2 | 20.9 | 19.4 | 21.1 | 21.4 | 15.4 | 40,729 | |
| Rural | 45.8 | 41.1 | 26.9 | 22.9 | 22.1 | 22.2 | 23.1 | 15.7 | 30,187 | |
| Economic Status | | | | | | | | | | |
| Lowest | 35.5 | 31.3 | 20.6 | 17.8 | 16.7 | 17.3 | 17.9 | 11.6 | 8,806 | |
| Lower middle | 42.1 | 37.8 | 22.7 | 18.5 | 18.6 | 19.3 | 19.6 | 12.9 | 12,229 | |
| Middle | 45.4 | 40.8 | 24.7 | 21.1 | 20.1 | 19.9 | 20.5 | 14.0 | 15,071 | |
| Upper middle | 48.8 | 43.9 | 27.0 | 22.1 | 20.7 | 21.9 | 22.9 | 16.0 | 17,281 | |
| Highest | 57.3 | 52.2 | 30.9 | 26.2 | 24.0 | 26.4 | 26.7 | 20.1 | 17,528 | |

8. Proportion of Experiencing Postpartum Complications

Health issues or problems experienced by the mother during the postpartum period or after delivery. Types of postpartum complications can include heavy bleeding from the birth canal, foul-smelling discharge from the birth canal, swelling in the face, hands, and feet, headaches, seizures, fever for more than 2 days, or swollen and red breasts accompanied by pain, mother appears sad, depressed, and cries without reason (depression), hypertension, and others.

Proportion of Experiencing Postpartum Complications =

Number of women aged 10-54 who have experienced postpartum complications

X 100

Number of ever-married women aged 10-54 who gave birth to their last child during the period from January 1, 2018 to the interview date

Proportion of Types of Postpartum Complications

Proportion of Types of Postpartum Complications =

Number of women aged 10-54 by type of postpartum complications during their last delivery

X 100

Number of ever-married women aged 10-54 who gave birth to their last child during the period from January 1, 2018 to the interview date

9. Proportion of First Aid Efforts When Experiencing Postpartum Complications

Efforts made by mothers when experiencing problems/complications during the postpartum period, whether they immediately seek help from healthcare providers, have a delay, or do not seek help.

Proportion of First Aid Efforts When Experiencing Postpartum Complications =

Number of women aged 10-54 by first aid efforts when experiencing postpartum complications during their last delivery

X 100%

Number of ever-married women aged 10-54 who experienced postpartum complications during their last pregnancy

Table 12.63 Proportion of Postpartum Disorders or Complications in Women Aged 10-54 Years by Province, 2023 SKI

| Province | Experienced Postpartum Disorders/Complications (%) | Types of Postpartum Disorders/Complications (%) | | | | | | | | | | Weighted N |
|-------------------------|--|---|---------------------------|--------------------------------------|------------|------------|---------------|-----------------|------------|--------------|------------|---------------|
| | | Vaginal bleeding | Discharge with foul smell | Swelling in the face, legs, or hands | headache | Seizure | Fever >2 days | Swollen breasts | Baby blues | Hypertension | Others | |
| Aceh | 4.2 | 0.5 | 0.2 | 0.1 | 1.3 | 0.1 | 0.6 | 1.4 | 0.4 | 0.2 | 0.4 | 1,472 |
| North Sumatra | 8.4 | 0.4 | 0.3 | 0.6 | 3.0 | 0.0 | 1.2 | 4.4 | 1.0 | 0.6 | 0.2 | 3,439 |
| West Sumatra | 4.7 | 0.3 | 0.2 | 0.5 | 1.9 | 0.1 | 0.9 | 1.7 | 0.3 | 0.6 | 0.3 | 1,565 |
| Riau | 4.5 | 0.6 | 0.1 | 0.6 | 1.6 | 0.1 | 0.4 | 2.3 | 0.6 | 0.3 | 0.5 | 1,684 |
| Jambi | 4.3 | 0.2 | 0.7 | 0.2 | 1.3 | 0.1 | 0.1 | 1.6 | 0.7 | 0.2 | 0.0 | 751 |
| South Sumatra | 5.5 | 0.6 | 0.3 | 0.5 | 1.9 | 0.2 | 0.8 | 2.2 | 0.4 | 0.5 | 0.2 | 2,021 |
| Bengkulu | 3.4 | 0.6 | 0.2 | 0.1 | 0.7 | 0.1 | 0.5 | 1.6 | 0.2 | 0.5 | 0.1 | 479 |
| Lampung | 4.7 | 0.6 | 0.2 | 0.5 | 1.0 | 0.0 | 0.5 | 1.6 | 0.7 | 1.1 | 0.1 | 2,473 |
| Bangka Belitung Islands | 3.2 | 1.0 | 0.1 | 0.2 | 0.5 | 0.0 | 0.3 | 0.9 | 0.1 | 0.5 | 0.4 | 307 |
| Riau Islands | 3.8 | 0.2 | 0.0 | 0.1 | 1.5 | 0.0 | 0.6 | 2.7 | 0.2 | 0.5 | 0.5 | 647 |
| DKI Jakarta | 12.4 | 1.3 | 0.0 | 0.8 | 2.1 | 0.1 | 1.0 | 5.6 | 1.6 | 3.5 | 1.1 | 2,581 |
| West Java | 12.7 | 2.3 | 0.8 | 1.3 | 2.7 | 0.1 | 1.4 | 6.0 | 2.1 | 1.5 | 0.8 | 14,340 |
| Central Java | 10.7 | 1.3 | 0.3 | 2.4 | 1.9 | 0.1 | 0.7 | 4.7 | 1.1 | 1.4 | 0.4 | 9,571 |
| DI Yogyakarta | 8.9 | 0.5 | 0.3 | 0.9 | 1.0 | 0.0 | 0.1 | 2.5 | 1.6 | 2.1 | 2.4 | 743 |
| East Java | 8.7 | 1.4 | 0.3 | 1.9 | 1.5 | 0.1 | 0.5 | 3.0 | 0.7 | 0.9 | 1.0 | 9,136 |
| Banten | 13.4 | 1.4 | 0.7 | 1.2 | 2.7 | 0.0 | 1.1 | 8.2 | 1.6 | 1.3 | 0.6 | 3,331 |
| Bali | 3.8 | 0.2 | 0.0 | 0.1 | 0.7 | 0.0 | 0.4 | 2.2 | 0.7 | 0.4 | 0.1 | 988 |
| West Nusa Tenggara | 7.9 | 0.5 | 0.0 | 0.9 | 1.3 | 0.2 | 1.6 | 3.7 | 0.4 | 1.0 | 0.3 | 1,718 |
| East Nusa Tenggara | 6.0 | 0.9 | 0.4 | 0.8 | 2.3 | 0.3 | 0.8 | 2.2 | 0.6 | 0.5 | 0.6 | 1,616 |
| West Kalimantan | 5.9 | 0.7 | 0.2 | 0.2 | 1.4 | 0.2 | 0.4 | 2.4 | 0.3 | 0.2 | 0.8 | 1,330 |
| Central Kalimantan | 5.2 | 0.9 | 0.3 | 0.5 | 1.1 | 0.1 | 0.5 | 3.0 | 0.2 | 0.5 | 0.3 | 605 |
| South Kalimantan | 5.2 | 0.3 | 0.1 | 0.5 | 1.2 | 0.0 | 0.5 | 2.0 | 0.6 | 0.3 | 0.9 | 978 |
| East Kalimantan | 11.1 | 1.5 | 0.4 | 0.8 | 1.9 | 0.1 | 1.0 | 5.6 | 1.0 | 1.4 | 0.7 | 1,042 |
| North Kalimantan | 8.4 | 0.7 | 0.2 | 1.2 | 1.9 | 0.0 | 1.0 | 5.8 | 0.8 | 0.3 | 0.0 | 219 |
| North Sulawesi | 11.1 | 1.4 | 0.6 | 2.3 | 4.5 | 0.0 | 2.8 | 5.5 | 0.4 | 1.5 | 0.5 | 545 |
| Central Sulawesi | 9.3 | 1.3 | 0.3 | 0.7 | 2.9 | 0.2 | 2.4 | 5.6 | 0.4 | 0.4 | 0.5 | 821 |
| South Sulawesi | 8.7 | 1.2 | 0.4 | 0.5 | 2.7 | 0.3 | 0.9 | 4.1 | 1.3 | 1.3 | 0.7 | 2,668 |
| Southeast Sulawesi | 5.1 | 0.9 | 0.3 | 0.2 | 1.4 | 0.2 | 0.8 | 2.0 | 0.2 | 0.6 | 0.3 | 746 |
| Gorontalo | 10.3 | 1.6 | 0.1 | 1.8 | 2.4 | 0.2 | 2.9 | 4.3 | 0.5 | 1.3 | 0.2 | 323 |
| West Sulawesi | 6.3 | 0.5 | 0.1 | 1.1 | 2.8 | 0.0 | 0.4 | 1.5 | 0.8 | 0.9 | 1.4 | 431 |
| Maluku | 6.2 | 1.3 | 1.0 | 0.2 | 1.9 | 0.5 | 1.0 | 3.5 | 0.2 | 0.4 | 0.3 | 522 |
| North Maluku | 5.8 | 1.4 | 0.1 | 0.2 | 2.0 | 0.0 | 1.0 | 2.4 | 0.3 | 0.1 | 0.1 | 349 |
| West Papua | 5.7 | 0.1 | 1.0 | 0.2 | 2.8 | 0.1 | 0.8 | 2.2 | 0.2 | 0.1 | 0.3 | 153 |
| Southwest Papua | 7.2 | 0.8 | 0.0 | 2.0 | 1.3 | 0.0 | 1.5 | 4.4 | 0.4 | 0.1 | 0.1 | 205 |
| Papua | 6.6 | 0.5 | 0.5 | 1.2 | 1.9 | 0.0 | 1.0 | 3.1 | 0.4 | 0.3 | 0.3 | 240 |
| South Papua | 4.2 | 0.5 | 0.0 | 0.0 | 1.4 | 0.0 | 0.2 | 1.3 | 0.7 | 0.6 | 0.1 | 155 |
| Central Papua | 5.5 | 0.6 | 0.2 | 0.5 | 2.9 | 0.0 | 0.6 | 1.0 | 0.2 | 0.0 | 1.0 | 381 |
| Highland Papua | 7.4 | 2.1 | 0.1 | 0.1 | 2.1 | 0.4 | 0.3 | 3.7 | 0.0 | 0.0 | 0.0 | 339 |
| INDONESIA | 9.1 | 1.2 | 0.4 | 1.2 | 2.1 | 0.1 | 0.9 | 4.1 | 1.1 | 1.1 | 0.6 | 70,916 |

Table 12.64 Proportion of Postpartum Disorders or Complications in Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Experienced Postpartum Disorders/Complications (%) | Types of Postpartum Disorders/Complications (%) | | | | | | | | | | Weighted N |
|--|--|---|---------------------------|--------------------------------------|----------|----------|---------------|-----------------|------------|--------------|--------|------------|
| | | Vaginal bleeding | Discharge with foul smell | Swelling in the face, legs, or hands | Headache | Seizures | Fever >2 days | Swollen breasts | Baby blues | Hypertension | Others | |
| Age Range (Year) | | | | | | | | | | | | |
| 10-14 | 35.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 35.7 | 0.0 | 0.0 | 0.0 | 0.0 | 4* |
| 15-19 | 11.7 | 0.7 | 1.5 | 0.2 | 4.2 | 0.3 | 0.4 | 6.0 | 2.0 | 0.0 | 0.2 | 853 |
| 20-24 | 10.2 | 1.7 | 0.5 | 1.2 | 2.6 | 0.1 | 1.0 | 5.1 | 1.7 | 0.5 | 0.6 | 9,851 |
| 25-29 | 10.0 | 1.0 | 0.4 | 1.3 | 2.2 | 0.1 | 1.1 | 5.0 | 1.5 | 0.7 | 0.7 | 20,434 |
| 30-34 | 8.3 | 1.1 | 0.4 | 1.2 | 1.9 | 0.1 | 0.9 | 3.9 | 0.9 | 1.2 | 0.5 | 19,354 |
| 35-39 | 8.4 | 1.5 | 0.3 | 0.9 | 1.8 | 0.1 | 0.6 | 3.2 | 0.6 | 1.5 | 0.8 | 13,042 |
| 40-44 | 8.3 | 1.0 | 0.4 | 1.2 | 1.8 | 0.1 | 0.9 | 2.4 | 0.5 | 2.4 | 0.6 | 5,959 |
| 45-49 | 7.2 | 1.4 | 0.3 | 0.4 | 1.6 | 0.1 | 0.4 | 2.2 | 0.4 | 2.9 | 0.3 | 1,276 |
| 50-54 | 2.8 | 0.7 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 | 0.7 | 0.0 | 1.4 | 0.0 | 143 |
| Age Group (Specific) | | | | | | | | | | | | |
| 10-19 (Teenagers) | 11.8 | 0.7 | 1.5 | 0.2 | 4.2 | 0.3 | 0.4 | 6.1 | 2.0 | 0.0 | 0.2 | 857 |
| 15-49 (WRA) | 9.1 | 1.2 | 0.4 | 1.2 | 2.1 | 0.1 | 0.9 | 4.1 | 1.1 | 1.1 | 0.6 | 70,769 |
| Education | | | | | | | | | | | | |
| Never attended school | 6.3 | 1.0 | 0.1 | 0.9 | 1.8 | 0.2 | 0.3 | 1.7 | 0.3 | 0.9 | 0.8 | 1,171 |
| Some primary school/Islamic primary school | 7.2 | 0.6 | 0.5 | 1.3 | 2.6 | 0.0 | 1.0 | 2.9 | 1.8 | 1.1 | 0.2 | 2,586 |
| Primary school/Islamic primary school graduate | 8.4 | 1.5 | 0.4 | 1.6 | 2.0 | 0.1 | 0.9 | 4.1 | 0.6 | 1.0 | 0.5 | 11,827 |
| Junior secondary school/Islamic junior secondary school graduate | 9.2 | 1.2 | 0.6 | 1.1 | 2.2 | 0.1 | 1.0 | 3.8 | 0.6 | 1.3 | 0.5 | 16,324 |
| Senior secondary school/Islamic senior secondary school graduate | 9.4 | 1.3 | 0.4 | 1.1 | 2.1 | 0.1 | 0.9 | 4.6 | 1.3 | 1.1 | 0.7 | 27,898 |
| D1/D2/D3/university graduate | 9.5 | 1.2 | 0.3 | 0.9 | 1.6 | 0.1 | 0.9 | 4.1 | 1.7 | 1.1 | 0.7 | 11,110 |
| Occupation | | | | | | | | | | | | |
| Unemployed | 9.5 | 1.3 | 0.4 | 1.1 | 2.1 | 0.1 | 1.0 | 4.4 | 1.1 | 1.2 | 0.7 | 44,394 |
| Student | 9.2 | 0.4 | 1.3 | 1.5 | 3.2 | 0.0 | 0.5 | 3.5 | 1.4 | 1.1 | 0.2 | 404 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 7.0 | 1.1 | 0.2 | 0.5 | 1.3 | 0.1 | 0.6 | 2.9 | 1.3 | 0.8 | 0.8 | 2,098 |
| Private employee | 9.9 | 1.4 | 0.3 | 1.3 | 1.5 | 0.1 | 0.6 | 4.5 | 1.7 | 0.8 | 0.8 | 6,715 |
| Self-employed | 9.0 | 1.4 | 0.5 | 1.7 | 2.0 | 0.1 | 0.8 | 3.1 | 1.3 | 1.4 | 0.3 | 6,210 |
| Farmer/farm laborer | 5.4 | 0.4 | 0.3 | 0.9 | 1.5 | 0.1 | 0.9 | 2.1 | 0.3 | 0.8 | 0.2 | 3,362 |
| Fisher | 3.1 | 0.7 | 0.0 | 0.5 | 2.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 58 |
| Laborer/driver/domestic help | 12.1 | 1.4 | 2.0 | 2.3 | 3.1 | 0.0 | 1.0 | 4.7 | 1.6 | 1.7 | 0.1 | 1,399 |
| Others | 7.6 | 0.8 | 0.4 | 0.8 | 2.3 | 0.0 | 0.9 | 3.8 | 0.7 | 0.6 | 0.8 | 6,276 |
| Residence | | | | | | | | | | | | |
| Urban | 10.4 | 1.5 | 0.4 | 1.2 | 2.2 | 0.1 | 1.0 | 4.7 | 1.4 | 1.4 | 0.7 | 40,729 |
| Rural | 7.4 | 0.9 | 0.4 | 1.2 | 1.9 | 0.1 | 0.7 | 3.3 | 0.6 | 0.7 | 0.5 | 30,187 |
| Economic Status | | | | | | | | | | | | |
| Lowest | 7.3 | 1.1 | 0.5 | 1.1 | 1.9 | 0.1 | 0.9 | 2.6 | 0.8 | 0.9 | 0.5 | 8,806 |
| Lower middle | 8.5 | 1.4 | 0.5 | 1.0 | 2.0 | 0.1 | 0.9 | 4.0 | 0.7 | 0.8 | 0.6 | 12,229 |
| Middle | 9.1 | 1.0 | 0.3 | 1.4 | 2.5 | 0.1 | 1.0 | 4.2 | 0.8 | 1.2 | 0.7 | 15,071 |
| Upper middle | 9.2 | 1.3 | 0.4 | 1.1 | 1.9 | 0.1 | 1.0 | 4.3 | 1.1 | 1.3 | 0.6 | 17,281 |
| Highest | 10.3 | 1.3 | 0.4 | 1.1 | 1.9 | 0.1 | 0.8 | 4.7 | 1.7 | 1.1 | 0.7 | 17,528 |

* Weighted N <50

Table 12.65 Proportion of First Aid Efforts for Postpartum Disorders/Complications Experienced by Women Aged 10-54 Years by Province, 2023 SKI

| Province | First Aid Efforts | | Not Referred | Weighted N |
|-------------------------|---------------------------|------------------------|--------------|--------------|
| | Immediately Referred % | Delay in Referral % | | |
| Aceh | 19.1 | 5.4 | 75.4 | 48* |
| North Sumatra | 10.2 | 9.2 | 80.6 | 220 |
| West Sumatra | 28.6 | 2.9 | 68.5 | 56 |
| Riau | 15.2 | 5.9 | 78.8 | 58 |
| Jambi | 4.1 | 3.3 | 92.6 | 25* |
| South Sumatra | 19.0 | 4.4 | 76.7 | 84 |
| Bengkulu | 5.4 | 10.7 | 83.9 | 12* |
| Lampung | 22.2 | 3.9 | 73.9 | 90 |
| Bangka Belitung Islands | 37.8 | 5.3 | 56.9 | 8* |
| Riau Islands | 9.1 | 0.3 | 90.7 | 19* |
| DKI Jakarta | 26.6 | 6.4 | 67.0 | 245 |
| West Java | 21.9 | 3.9 | 74.2 | 1388 |
| Central Java | 19.9 | 6.3 | 73.8 | 781 |
| DI Yogyakarta | 24.0 | 0.6 | 75.4 | 51 |
| East Java | 24.8 | 5.4 | 69.8 | 606 |
| Banten | 20.0 | 1.5 | 78.5 | 340 |
| Bali | 29.7 | 3.7 | 66.6 | 29* |
| West Nusa Tenggara | 22.8 | 2.4 | 74.8 | 103 |
| East Nusa Tenggara | 20.7 | 3.7 | 75.5 | 74 |
| West Kalimantan | 23.5 | 2.8 | 73.8 | 60 |
| Central Kalimantan | 13.6 | 8.0 | 78.4 | 24* |
| South Kalimantan | 27.5 | 2.6 | 69.8 | 39* |
| East Kalimantan | 13.1 | 8.4 | 78.5 | 88 |
| North Kalimantan | 10.6 | 0.0 | 89.4 | 14* |
| North Sulawesi | 17.3 | 2.3 | 80.4 | 46* |
| Central Sulawesi | 5.3 | 3.2 | 91.5 | 58 |
| South Sulawesi | 10.2 | 3.3 | 86.4 | 177 |
| Southeast Sulawesi | 9.6 | 2.1 | 88.3 | 29* |
| Gorontalo | 11.4 | 4.0 | 84.6 | 26* |
| West Sulawesi | 27.5 | 1.2 | 71.3 | 21* |
| Maluku | 4.2 | 4.1 | 91.6 | 25* |
| North Maluku | 19.4 | 1.8 | 78.8 | 16* |
| West Papua | 5.9 | 4.4 | 89.7 | 7* |
| Southwest Papua | 2.7 | 1.8 | 95.4 | 11* |
| Papua | 14.0 | 3.0 | 83.0 | 12* |
| South Papua | 14.9 | 8.3 | 76.8 | 5* |
| Central Papua | 8.7 | 3.2 | 88.1 | 16* |
| Highland Papua | 10.5 | 9.7 | 79.9 | 19* |
| INDONESIA | 20.1 | 4.7 | 75.2 | 4,930 |

* Weighted N <50

Table 12.66 Proportion of First Aid Efforts for Postpartum Disorders/Complications Experienced by Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | First Aid Efforts | | Not Referred | Weighted N |
|--|---------------------------|------------------------|--------------|------------|
| | Immediately Referred % | Delay in Referral % | | |
| Age Range (Year) | | | | |
| 10 – 14 | 0.0 | 0.0 | 100.0 | 1* |
| 15 – 19 | 9.1 | 0.5 | 90.3 | 76 |
| 20 – 24 | 17.1 | 3.4 | 79.5 | 771 |
| 25 - 29 | 18.7 | 5.0 | 76.3 | 1561 |
| 30 - 34 | 21.6 | 4.0 | 74.4 | 1228 |
| 35 - 39 | 22.9 | 5.4 | 71.7 | 842 |
| 40 - 44 | 24.2 | 6.6 | 69.2 | 378 |
| 45 - 49 | 17.4 | 7.2 | 75.4 | 70 |
| 50 - 54 | 20.3 | 0.5 | 79.7 | 3* |
| Age Group (Specific) | | | | |
| 10 - 19 (Teenagers) | 9.0 | 0.5 | 90.5 | 77 |
| 15 - 49 (WRA) | 20.1 | 4.7 | 75.2 | 4793 |
| Education | | | | |
| Never attended school | 19.7 | 1.2 | 79.2 | 57 |
| Some primary school/Islamic primary school | 17.6 | 3.0 | 79.3 | 143 |
| Primary school/Islamic primary school graduate | 19.2 | 3.8 | 77.0 | 762 |
| Junior secondary school/Islamic junior secondary school graduate | 16.7 | 3.9 | 79.3 | 1146 |
| Senior secondary school/Islamic senior secondary school graduate | 22.0 | 4.8 | 73.2 | 2015 |
| D1/D2/D3/university graduate | 21.6 | 6.6 | 71.8 | 807 |
| Occupation | | | | |
| Unemployed | 19.8 | 4.4 | 75.8 | 3220 |
| Student | 8.0 | 23.7 | 68.3 | 29* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 15.8 | 4.2 | 80.0 | 112 |
| Private employee | 25.0 | 7.3 | 67.7 | 507 |
| Self-employed | 22.8 | 4.9 | 72.3 | 427 |
| Farmer/farm laborer | 14.5 | 4.3 | 81.2 | 139 |
| Laborer/driver/domestic help | 0.0 | 0.0 | 100.0 | 1* |
| Others | 20.6 | 0.6 | 78.7 | 130 |
| Residence | | | | |
| Urban | 20.5 | 5.4 | 74.1 | 3227 |
| Rural | 19.4 | 3.2 | 77.4 | 1703 |
| Economic Status | | | | |
| Lowest | 18.5 | 3.6 | 77.8 | 495 |
| Lower middle | 17.2 | 3.6 | 79.1 | 800 |
| Middle | 18.2 | 4.9 | 76.9 | 1044 |
| Upper middle | 25.1 | 4.2 | 70.7 | 1212 |
| Highest | 19.5 | 5.8 | 74.7 | 1380 |

* Weighted N <50

8. Proportion of Having a Companion and Vehicle Available During Pregnancy/Childbirth/Postpartum Emergencies

A companion is a person/family member/husband who is ready to accompany the mother during pregnancy/childbirth/postpartum emergencies. A vehicle refers to a means of transportation that can be used to take the expectant mother to the place of delivery, including referral places. This can include a car, motorcycle taxi, rickshaw, bicycle, stretcher, boat, etc.

Proportion of having a companion and vehicle available during emergencies =

$$\frac{\text{Number of women aged 10-54 who have a companion and vehicle available during emergencies}}{\text{Number of ever-married women aged 10-54 who gave birth to their last child during the period from January 1, 2018 to the interview date}} \times 100$$

9. Proportion of Having Blood Donors Available During Pregnancy/Childbirth/Postpartum Emergencies

A blood donor is someone prepared by the mother, husband, family, or community who is ready to donate blood at any time for the safety of the mother during childbirth.

Proportion of having blood donors available during emergencies =

$$\frac{\text{Number of women aged 10-54 who have blood donors available during emergencies}}{\text{Number of ever-married women aged 10-54 who gave birth to their last child during the period from January 1, 2018 to the interview date}} \times 100$$

Table 12.67 Proportion of Availability of Companions, Vehicles, and Blood Donors Prepared for Emergency Situations During Pregnancy/Childbirth/Postpartum in Women Aged 10-54 Years by Province, 2023 SKI

| Province | Availability of Companions and Vehicles (%) | | Availability of Blood Donors (%) | | Weighted N |
|--------------------|---|-------------|----------------------------------|-------------|---------------|
| | Yes | No | Yes | No | |
| Aceh | 73.9 | 26.1 | 49.8 | 50.2 | 1,472 |
| North Sumatra | 66.5 | 33.5 | 32.5 | 67.5 | 3,439 |
| West Sumatra | 80.1 | 19.9 | 49.4 | 50.6 | 1,565 |
| Riau | 70.4 | 29.6 | 39.1 | 60.9 | 1,684 |
| Jambi | 77.0 | 23.0 | 55.7 | 44.3 | 751 |
| South Sumatra | 73.5 | 26.5 | 52.2 | 47.8 | 2,021 |
| Bengkulu | 82.3 | 17.7 | 57.7 | 42.3 | 479 |
| Lampung | 74.5 | 25.5 | 50.4 | 49.6 | 2,473 |
| Bangka Belitung | 82.9 | 17.1 | 69.0 | 31.0 | 307 |
| Riau Islands | 81.8 | 18.2 | 51.0 | 49.0 | 647 |
| DKI Jakarta | 91.3 | 8.7 | 57.1 | 42.9 | 2,581 |
| West Java | 75.4 | 24.6 | 38.4 | 61.6 | 14,340 |
| Central Java | 82.2 | 17.8 | 53.5 | 46.5 | 9,571 |
| DI Yogyakarta | 90.8 | 9.2 | 59.6 | 40.4 | 743 |
| East Java | 78.5 | 21.5 | 41.5 | 58.5 | 9,136 |
| Banten | 75.9 | 24.1 | 41.7 | 58.3 | 3,331 |
| Bali | 92.5 | 7.5 | 81.4 | 18.6 | 988 |
| West Nusa Tenggara | 80.7 | 19.3 | 58.4 | 41.6 | 1,718 |
| East Nusa Tenggara | 61.0 | 39.0 | 45.0 | 55.0 | 1,616 |
| West Kalimantan | 72.3 | 27.7 | 43.1 | 56.9 | 1,330 |
| Central Kalimantan | 73.5 | 26.5 | 46.1 | 53.9 | 605 |
| South Kalimantan | 85.3 | 14.7 | 72.1 | 27.9 | 978 |
| East Kalimantan | 81.4 | 18.6 | 46.9 | 53.1 | 1,042 |
| North Kalimantan | 74.9 | 25.1 | 44.9 | 55.1 | 219 |
| North Sulawesi | 69.2 | 30.8 | 46.8 | 53.2 | 545 |
| Central Sulawesi | 78.8 | 21.2 | 48.0 | 52.0 | 821 |
| South Sulawesi | 75.0 | 25.0 | 59.7 | 40.3 | 2,668 |
| Southeast Sulawesi | 63.7 | 36.3 | 40.5 | 59.5 | 746 |
| Gorontalo | 75.3 | 24.7 | 57.4 | 42.6 | 323 |
| West Sulawesi | 76.7 | 23.3 | 60.5 | 39.5 | 431 |
| Maluku | 49.3 | 50.7 | 27.0 | 73.0 | 522 |
| North Maluku | 54.6 | 45.4 | 32.5 | 67.5 | 349 |
| West Papua | 56.6 | 43.4 | 26.9 | 73.1 | 153 |
| Southwest Papua | 47.5 | 52.5 | 28.1 | 71.9 | 205 |
| Papua | 57.9 | 42.1 | 30.6 | 69.4 | 240 |
| South Papua | 42.2 | 57.8 | 28.1 | 71.9 | 155 |
| Central Papua | 23.6 | 76.4 | 15.3 | 84.7 | 381 |
| Highland Papua | 42.5 | 57.5 | 34.3 | 65.7 | 339 |
| INDONESIA | 76.1 | 23.9 | 46.3 | 53.7 | 70,916 |

Table 12.68 Proportion of Availability of Companions and Vehicles, as well as Blood Donors, at Any Time During Emergencies in Pregnancy/Childbirth/Postpartum in Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Availability of Companions and Vehicles (%) | | Availability of Blood Donors (%) | | Weighted N |
|--|---|------|----------------------------------|------|------------|
| | Yes | No | Yes | No | |
| Age Range (Year) | | | | | |
| 10-14 | 100.0 | 0.0 | 12.3 | 87.7 | 4* |
| 15-19 | 65.0 | 35.0 | 39.2 | 60.8 | 853 |
| 20-24 | 72.9 | 27.1 | 44.4 | 55.6 | 9,851 |
| 25-29 | 77.1 | 22.9 | 47.1 | 52.9 | 20,434 |
| 30-34 | 77.9 | 22.1 | 47.4 | 52.6 | 19,354 |
| 35-39 | 76.8 | 23.2 | 47.0 | 53.0 | 13,042 |
| 40-44 | 74.8 | 25.2 | 44.8 | 55.2 | 5,959 |
| 45-49 | 67.8 | 32.2 | 41.4 | 58.6 | 1,276 |
| 50-54 | 61.3 | 38.7 | 34.1 | 65.9 | 143 |
| Age Group (Specific) | | | | | |
| 10 - 19 (Teenagers) | 65.2 | 34.8 | 39.0 | 61.0 | 857 |
| 15 - 49 (WRA) | 76.2 | 23.8 | 46.4 | 53.6 | 70,769 |
| Education | | | | | |
| Never attended school | 61.7 | 38.3 | 34.2 | 65.8 | 1,171 |
| Some primary school/Islamic primary school | 64.0 | 36.0 | 37.8 | 62.2 | 2,586 |
| Primary school/Islamic primary school graduate | 69.6 | 30.4 | 39.7 | 60.3 | 11,827 |
| Junior secondary school/Islamic junior secondary school graduate | 74.7 | 25.3 | 43.2 | 56.8 | 16,324 |
| Senior secondary school/Islamic senior secondary school graduate | 78.1 | 21.9 | 47.7 | 52.3 | 27,898 |
| D1/D2/D3/university graduate | 84.8 | 15.2 | 57.8 | 42.2 | 11,110 |
| Occupation | | | | | |
| Unemployed | 75.4 | 24.6 | 43.9 | 56.1 | 44,394 |
| Student | 73.1 | 26.9 | 46.1 | 53.9 | 404 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 85.4 | 14.6 | 62.0 | 38.0 | 2,098 |
| Private employee | 84.2 | 15.8 | 55.4 | 44.6 | 6,715 |
| Self-employed | 80.3 | 19.7 | 49.8 | 50.2 | 6,210 |
| Farmer/farm laborer | 63.9 | 36.1 | 37.8 | 62.2 | 3,362 |
| Fisher | 67.9 | 32.1 | 50.3 | 49.7 | 58 |
| Laborer/driver/domestic help | 71.7 | 28.3 | 46.7 | 53.3 | 1,399 |
| Others | 73.4 | 26.6 | 49.7 | 50.3 | 6,276 |
| Residence | | | | | |
| Urban | 79.1 | 20.9 | 47.1 | 52.9 | 40,729 |
| Rural | 72.2 | 27.8 | 45.3 | 54.7 | 30,187 |
| Economic Status | | | | | |
| Lowest | 62.5 | 37.5 | 37.0 | 63.0 | 8,806 |
| Lower middle | 72.4 | 27.6 | 43.1 | 56.9 | 12,229 |
| Middle | 75.5 | 24.5 | 45.5 | 54.5 | 15,071 |
| Upper middle | 78.1 | 21.9 | 46.7 | 53.3 | 17,281 |
| Highest | 84.3 | 15.7 | 53.7 | 46.3 | 17,528 |

12.5 POSTPARTUM FAMILY PLANNING SERVICES

1. Proportion of Types of Modern Contraceptive Methods Used After Childbirth

The use of modern Family Planning/contraception methods first received by the mother after delivering the last child, including Female Sterilization/Tubal Ligation (MOW), Male Sterilization/Vasectomy (MOP), IUD/Intrauterine Device, 3-month injection, 1-month injection, Implants, Birth Control Pills, and Condoms.

Proportion of Types of Contraceptive Methods Used After Childbirth =

Number of women aged 10-54 according to the type of modern contraceptive used first after delivering the last child

X 100%

Number of women aged 10-54 who delivered the last child during the period from January 1, 2018 to the interview date

2. Proportion of Time of Receiving First Contraception Service After Childbirth

The period when modern contraception services were first received, with options: during the childbirth process, after childbirth but before leaving the health facility, after returning from the health facility up to 42 days postpartum, and more than 42 days postpartum.

Proportion of Time of Receiving First Contraception Service After Childbirth =

Number of women aged 10-54 according to the time period of receiving the first modern contraception service after delivering the last child

X 100%

Number of women aged 10-54 who delivered the last child during the period from January 1, 2018 to the interview and used modern contraception after childbirth

3. Proportion of Time of Receiving First Contraception Service After Childbirth at Health Facilities

The period when modern contraception services were first received at health facilities, with options: during the childbirth process, after childbirth but before leaving the health facility, after returning from the health facility up to 42 days postpartum, and more than 42 days postpartum.

Proportion of Time of Receiving First Contraception Service After Childbirth at Health Facilities =

Number of women aged 10-54 according to the time period of receiving the first modern contraception service after delivering the last child at health facilities

X 100%

Number of women aged 10-54 who delivered the last child at health facilities during the period from January 1, 2018 to the interview and used modern contraception after childbirth

4. Proportion of Time of Receiving First Contraception Service After Childbirth at Non-Health Facilities

The period when modern contraception services were first received at non-health facilities, with options: during the childbirth process, after childbirth but before leaving the health facility, after returning from the health facility up to 42 days postpartum, and more than 42 days postpartum.

Proportion of Time of Receiving First Contraception Service After Childbirth at Non-Health Facilities =

Number of women aged 10-54 according to the time period of receiving the first modern contraception service after delivering the last child at non-health facilities

Number of women aged 10-54 who delivered the last child at non-health facilities during the period from January 1, 2018 to the interview and used modern contraception after childbirth X 100%

5. Proportion of Reasons for Not Using Contraception After Childbirth

Reasons for not using contraceptives after childbirth include being in the postpartum period, not being permitted by the husband/family, not knowing, and others.

Proportion of Main Reasons for Not Using Contraception =

Number of women aged 10-54 according to the type of reason for not using contraception after childbirth

Number of ever-married women aged 10-54 who delivered the last child during the period from January 1, 2018 to the interview and did not use contraception X 100

Table 12.69 Proportion of Types of Modern Contraceptive Devices/Methods Used After the Birth of the Last Child in Women Aged 10-54 Years by Province, 2023 SKI

| Province | Female Sterilization | Male Sterilization | IUD/Intraute- rine Device | 3-month injection | 1-month injection | Implants | Pills | Condom | No Contrace- ption | Weighted N |
|--------------------|-------------------------|-----------------------|------------------------------|----------------------|----------------------|------------|------------|------------|--------------------------|---------------|
| | % | % | % | % | % | % | % | % | % | |
| Aceh | 3.2 | 0.1 | 5.6 | 32.1 | 11.8 | 3.8 | 9.6 | 1.7 | 32.1 | 1,472 |
| North Sumatra | 5.4 | 0.5 | 2.5 | 13.6 | 8.5 | 10.5 | 6.1 | 2.3 | 50.5 | 3,439 |
| West Sumatra | 4.3 | 0.1 | 8.0 | 26.4 | 5.6 | 8.1 | 5.2 | 2.6 | 39.6 | 1,565 |
| Riau | 4.3 | 0.2 | 4.9 | 28.5 | 7.2 | 6.3 | 10.5 | 3.3 | 34.8 | 1,684 |
| Jambi | 2.6 | 0.4 | 7.9 | 45.3 | 6.6 | 6.6 | 8.3 | 2.1 | 20.1 | 751 |
| South Sumatra | 2.2 | 0.2 | 2.7 | 45.9 | 7.9 | 10.1 | 4.2 | 1.4 | 25.3 | 2,021 |
| Bengkulu | 3.6 | 0.1 | 3.9 | 43.4 | 7.3 | 7.9 | 5.1 | 2.1 | 26.6 | 479 |
| Lampung | 3.2 | 0.2 | 6.2 | 47.3 | 3.3 | 9.6 | 5.8 | 1.2 | 23.1 | 2,473 |
| Bangka Belitung | 4.6 | 0.1 | 6.1 | 35.9 | 11.3 | 7.0 | 11.5 | 1.9 | 21.5 | 307 |
| Riau Islands | 7.7 | 0.1 | 5.5 | 19.7 | 5.5 | 3.1 | 5.8 | 4.3 | 48.2 | 647 |
| DKI Jakarta | 5.3 | 0.0 | 19.5 | 22.8 | 4.8 | 3.1 | 5.9 | 2.0 | 36.6 | 2,581 |
| West Java | 3.2 | 0.3 | 9.1 | 47.7 | 6.0 | 3.6 | 8.5 | 2.2 | 19.2 | 14,340 |
| Central Java | 3.5 | 0.2 | 11.2 | 37.9 | 2.6 | 9.7 | 3.4 | 2.9 | 28.6 | 9,571 |
| DI Yogyakarta | 3.5 | 0.3 | 20.7 | 15.7 | 1.2 | 7.2 | 2.4 | 7.9 | 41.1 | 743 |
| East Java | 3.9 | 0.1 | 11.4 | 42.5 | 5.9 | 5.5 | 6.5 | 2.0 | 22.2 | 9,136 |
| Banten | 2.7 | 0.1 | 6.6 | 53.2 | 4.8 | 3.1 | 5.8 | 1.9 | 21.9 | 3,331 |
| Bali | 9.4 | 0.2 | 19.9 | 21.9 | 3.4 | 2.5 | 2.9 | 2.4 | 37.5 | 988 |
| West Nusa Tenggara | 2.5 | 0.0 | 6.8 | 53.3 | 2.1 | 15.2 | 1.2 | 0.9 | 17.9 | 1,718 |
| East Nusa Tenggara | 5.6 | 0.1 | 5.1 | 23.7 | 0.6 | 22.2 | 2.1 | 0.2 | 40.3 | 1,616 |
| West Kalimantan | 2.1 | 0.1 | 4.4 | 45.6 | 5.7 | 3.1 | 13.1 | 1.2 | 24.7 | 1,330 |
| Central Kalimantan | 2.4 | 0.6 | 3.7 | 54.2 | 8.8 | 3.9 | 11.7 | 0.8 | 14.0 | 605 |
| South Kalimantan | 2.2 | 0.2 | 6.8 | 45.9 | 6.8 | 6.0 | 19.9 | 1.0 | 11.1 | 978 |
| East Kalimantan | 4.1 | 0.3 | 10.7 | 29.2 | 6.1 | 6.7 | 15.0 | 2.7 | 25.2 | 1,042 |
| North Kalimantan | 4.7 | N/A | 7.5 | 32.9 | 5.5 | 5.8 | 7.1 | 4.4 | 32.1 | 219 |
| North Sulawesi | 5.5 | 0.5 | 8.1 | 34.9 | 8.5 | 11.7 | 4.7 | 0.1 | 26.0 | 545 |
| Central Sulawesi | 3.6 | 0.1 | 9.0 | 29.8 | 5.4 | 11.4 | 13.2 | 0.3 | 27.1 | 821 |
| South Sulawesi | 2.6 | 0.1 | 6.4 | 32.0 | 3.2 | 14.7 | 8.4 | 0.5 | 32.0 | 2,668 |
| Southeast Sulawesi | 1.6 | 0.1 | 2.7 | 24.1 | 4.4 | 8.6 | 11.5 | 0.4 | 46.7 | 746 |
| Gorontalo | 2.3 | N/A | 6.5 | 32.4 | 4.3 | 19.4 | 7.3 | 0.4 | 27.5 | 323 |
| West Sulawesi | 4.2 | 0.3 | 4.7 | 34.7 | 2.0 | 11.9 | 10.1 | 0.8 | 31.2 | 431 |
| Maluku | 1.8 | 0.6 | 1.2 | 35.0 | 2.0 | 9.2 | 4.3 | 0.5 | 45.3 | 522 |
| North Maluku | 1.0 | 0.4 | 1.4 | 43.6 | 1.8 | 19.5 | 2.2 | 0.3 | 29.6 | 349 |
| West Papua | 4.9 | N/A | 2.0 | 30.6 | 1.6 | 9.5 | 3.6 | 0.1 | 47.7 | 153 |
| Southwest Papua | 4.1 | 0.1 | 0.7 | 38.9 | 2.5 | 5.0 | 4.3 | 0.1 | 44.3 | 205 |
| Papua | 2.1 | 0.2 | 1.2 | 27.4 | 2.9 | 9.5 | 4.8 | 0.4 | 51.5 | 240 |
| South Papua | 1.6 | N/A | 1.1 | 23.6 | 3.9 | 13.6 | 2.7 | 0.3 | 53.1 | 155 |
| Central Papua | 1.2 | 0.1 | 1.5 | 10.8 | 1.9 | 1.5 | 1.4 | 0.1 | 81.5 | 381 |
| Highland Papua | 0.1 | N/A | 0.8 | 12.5 | 1.1 | 3.3 | 0.3 | 0.3 | 81.7 | 339 |
| INDONESIA | 3.6 | 0.2 | 8.5 | 38.4 | 5.1 | 7.3 | 6.7 | 2.0 | 28.1 | 70,916 |

Table 12.70 Proportion of Types of Modern Contraceptive Devices/Methods Used After the Birth of the Last Child in Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Female Sterilization | Male Sterilization | IUD/Intraute- rine Device | 3-month injection | 1-month injection | Implants | Pills | Condom | No Contracep- tion | Weighted N |
|--|-------------------------|-----------------------|------------------------------|----------------------|----------------------|----------|-------|--------|--------------------------|---------------|
| | % | % | % | % | % | % | % | % | % | |
| Age Range (Year) | | | | | | | | | | |
| 10 – 14 | N/A | N/A | 5.7 | N/A | N/A | N/A | N/A | N/A | 94.3 | 4* |
| 15 – 19 | N/A | 0.1 | 2.3 | 41.6 | 3.7 | 7.7 | 5.5 | N/A | 39.0 | 853 |
| 20 – 24 | 0.4 | 0.2 | 5.7 | 49.1 | 5.4 | 8.3 | 5.4 | 0.8 | 24.6 | 9,851 |
| 25 – 29 | 0.8 | 0.1 | 8.2 | 40.8 | 6.0 | 7.4 | 6.1 | 2.2 | 28.5 | 20,434 |
| 30 – 34 | 2.5 | 0.3 | 9.7 | 36.5 | 5.2 | 7.2 | 6.8 | 2.3 | 29.4 | 19,354 |
| 35 – 39 | 6.8 | 0.2 | 10.1 | 34.0 | 4.4 | 7.3 | 7.5 | 2.2 | 27.5 | 13,042 |
| 40 – 44 | 13.4 | 0.2 | 8.7 | 30.5 | 4.0 | 6.0 | 9.0 | 1.9 | 26.3 | 5,959 |
| 45 – 49 | 14.2 | 0.5 | 6.3 | 24.7 | 3.2 | 6.5 | 8.0 | 1.8 | 34.8 | 1,276 |
| 50 – 54 | 8.1 | 0.1 | 7.0 | 28.8 | 0.9 | 7.4 | 4.7 | 0.9 | 42.0 | 143 |
| Age Group (Specific) | | | | | | | | | | |
| 10 - 19 (Teenagers) | N/A | 0.1 | 2.3 | 41.4 | 3.7 | 7.7 | 5.5 | N/A | 39.2 | 857 |
| 15 - 49 (WRA) | 3.6 | 0.2 | 8.6 | 38.4 | 5.2 | 7.3 | 6.7 | 2.0 | 28.1 | 70,769 |
| Education | | | | | | | | | | |
| Never attended school | 2.8 | 0.1 | 2.8 | 39.8 | 2.9 | 6.8 | 6.0 | 0.5 | 38.3 | 1,171 |
| Some primary school/Islamic primary school | 2.3 | 0.4 | 4.3 | 46.8 | 3.2 | 9.2 | 6.1 | 0.7 | 27.0 | 2,586 |
| Primary school/Islamic primary school graduate | 2.8 | 0.1 | 4.8 | 50.2 | 4.1 | 7.9 | 7.5 | 0.8 | 21.7 | 11,827 |
| Junior secondary school/Islamic junior secondary school graduate | 3.0 | 0.2 | 6.0 | 46.1 | 5.0 | 8.0 | 8.0 | 1.1 | 22.5 | 16,324 |
| Senior secondary school/Islamic senior secondary school graduate | 4.0 | 0.2 | 9.2 | 34.7 | 6.3 | 7.2 | 6.5 | 2.2 | 29.8 | 27,898 |
| D1/D2/D3/university graduate | 4.7 | 0.2 | 16.3 | 21.4 | 4.3 | 5.6 | 4.8 | 4.5 | 38.1 | 11,110 |
| Occupation | | | | | | | | | | |
| Unemployed | 3.3 | 0.2 | 7.5 | 41.8 | 5.4 | 7.2 | 7.4 | 1.6 | 25.6 | 44,394 |
| Student | 1.3 | 0.9 | 9.8 | 33.0 | 4.4 | 6.7 | 6.6 | 2.4 | 35.0 | 404 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 6.9 | 0.3 | 17.3 | 19.6 | 5.1 | 5.9 | 4.0 | 3.9 | 37.1 | 2,098 |
| Private employee | 4.0 | 0.3 | 15.0 | 26.8 | 5.3 | 4.7 | 4.7 | 3.8 | 35.4 | 6,715 |
| Self-employed | 4.7 | 0.1 | 10.8 | 34.3 | 4.8 | 6.9 | 6.0 | 2.6 | 29.7 | 6,210 |
| Farmer/farm laborer | 3.5 | 0.3 | 3.6 | 38.1 | 2.2 | 12.8 | 5.2 | 0.7 | 33.6 | 3,362 |
| Fisher | 0.5 | 0.4 | 6.8 | 21.9 | 11.9 | 17.2 | 2.5 | N/A | 38.9 | 58 |
| Laborer/driver/domestic help | 4.6 | 0.1 | 7.3 | 40.7 | 3.7 | 8.6 | 5.6 | 3.0 | 26.4 | 1,399 |
| Others | 3.1 | 0.2 | 6.5 | 37.0 | 5.3 | 8.2 | 7.2 | 2.0 | 30.4 | 6,276 |
| Residence | | | | | | | | | | |
| Urban | 4.3 | 0.2 | 10.4 | 35.2 | 5.6 | 5.6 | 6.7 | 2.7 | 29.4 | 40,729 |
| Rural | 2.7 | 0.2 | 6.1 | 42.7 | 4.5 | 9.6 | 6.8 | 1.1 | 26.3 | 30,187 |
| Economic Index | | | | | | | | | | |
| Lowest | 2.2 | 0.3 | 4.0 | 41.7 | 3.0 | 11.2 | 6.1 | 0.6 | 30.9 | 8,806 |
| Lower middle | 2.7 | 0.2 | 5.4 | 44.6 | 4.5 | 9.5 | 6.8 | 1.2 | 25.1 | 12,229 |
| Middle | 3.4 | 0.2 | 6.2 | 44.7 | 5.0 | 7.8 | 7.6 | 1.0 | 24.2 | 15,071 |
| Upper middle | 3.4 | 0.1 | 8.1 | 39.8 | 5.9 | 6.3 | 7.2 | 2.2 | 26.9 | 17,281 |
| Highest | 5.4 | 0.2 | 15.6 | 25.4 | 6.0 | 4.3 | 5.8 | 4.0 | 33.2 | 17,528 |

* Weighted N <50

Table 12.71 Proportion of Time to Receive First Family Planning Service After Delivery in Women Aged 10-54 Years by Province, 2023 SKI

| Province | During the Delivery Process | After Delivery in Health Facilities | < 42 Days/Postpartum Period Upon Return from Health Facilities | > 42 Days After Delivery | Weighted N |
|--------------------|-----------------------------|-------------------------------------|--|--------------------------|---------------|
| | % | % | % | % | |
| Aceh | 6.7 | 4.5 | 22.1 | 66.7 | 956 |
| North Sumatra | 11.0 | 6.0 | 21.1 | 61.9 | 1628 |
| West Sumatra | 10.6 | 4.0 | 20.1 | 65.3 | 903 |
| Riau | 7.8 | 4.3 | 21.5 | 66.4 | 1,049 |
| Jambi | 4.3 | 2.3 | 26.1 | 67.3 | 573 |
| South Sumatra | 4.0 | 2.6 | 35.0 | 58.4 | 1,444 |
| Bengkulu | 4.9 | 1.8 | 29.9 | 63.3 | 336 |
| Lampung | 5.7 | 2.8 | 27.7 | 63.8 | 1,819 |
| Bangka Belitung | 7.4 | 4.1 | 28.7 | 59.8 | 230 |
| Riau Islands | 14.6 | 4.3 | 18.2 | 62.9 | 320 |
| DKI Jakarta | 19.3 | 11.3 | 22.1 | 47.3 | 1,565 |
| West Java | 7.0 | 3.9 | 28.8 | 60.2 | 11,071 |
| Central Java | 11.1 | 6.2 | 24.5 | 58.2 | 6,535 |
| DI Yogyakarta | 21.9 | 5.4 | 15.9 | 56.7 | 418 |
| East Java | 10.1 | 5.0 | 22.9 | 62.0 | 6,795 |
| Banten | 6.6 | 3.4 | 25.5 | 64.5 | 2,487 |
| Bali | 24.2 | 4.0 | 27.7 | 44.1 | 590 |
| West Nusa Tenggara | 4.3 | 2.2 | 25.7 | 67.8 | 1,349 |
| East Nusa Tenggara | 9.0 | 4.6 | 28.9 | 57.5 | 922 |
| West Kalimantan | 4.3 | 5.9 | 33.5 | 56.4 | 957 |
| Central Kalimantan | 3.4 | 3.4 | 29.5 | 63.8 | 498 |
| South Kalimantan | 4.0 | 4.2 | 37.8 | 54.1 | 830 |
| East Kalimantan | 8.4 | 10.0 | 36.3 | 45.3 | 745 |
| North Kalimantan | 9.9 | 6.6 | 27.9 | 55.7 | 143 |
| North Sulawesi | 9.8 | 6.6 | 35.4 | 48.2 | 385 |
| Central Sulawesi | 8.9 | 6.8 | 33.8 | 50.5 | 572 |
| South Sulawesi | 7.7 | 8.6 | 28.8 | 54.9 | 1,734 |
| Southeast Sulawesi | 3.1 | 2.4 | 18.8 | 75.7 | 380 |
| Gorontalo | 8.7 | 5.0 | 26.5 | 59.8 | 224 |
| West Sulawesi | 9.0 | 4.3 | 29.6 | 57.1 | 283 |
| Maluku | 4.6 | 5.9 | 28.1 | 61.5 | 273 |
| North Maluku | 3.5 | 4.2 | 28.3 | 64.0 | 235 |
| West Papua | 7.3 | 4.7 | 26.3 | 61.6 | 77 |
| Southwest Papua | 7.4 | 4.9 | 27.2 | 60.4 | 109 |
| Papua | 2.1 | 9.4 | 29.9 | 58.6 | 111 |
| South Papua | 21.8 | 2.1 | 31.4 | 44.7 | 69 |
| Central Papua | 4.4 | 5.1 | 40.5 | 50.0 | 68 |
| Highland Papua | 3.6 | 12.6 | 18.2 | 65.6 | 60 |
| INDONESIA | 8.7 | 4.9 | 26.5 | 59.9 | 48,746 |

Table 12.72 Proportion of Time to Receive First Family Planning Service After Delivery in Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | During the Delivery Process | After Delivery in Health Facilities | < 42 Days/Postpartum Period Upon Return from Health Facilities | > 42 Days After Delivery | Weighted N |
|--|-----------------------------|-------------------------------------|--|--------------------------|------------|
| | % | % | % | % | |
| Age Range (Year) | | | | | |
| 10 – 14 | 0.0 | 100.0 | 0.0 | 0.0 | 1* |
| 15 - 19 | 7.7 | 2.8 | 29.7 | 59.8 | 498 |
| 20 - 24 | 3.1 | 3.8 | 30.5 | 62.6 | 7,098 |
| 25 - 29 | 5.3 | 4.2 | 27.4 | 63.1 | 13,974 |
| 30 - 34 | 8.0 | 5.1 | 26.2 | 60.7 | 13,066 |
| 35 - 39 | 12.9 | 6.4 | 24.6 | 56.1 | 9,041 |
| 40-44 | 19.4 | 5.6 | 22.8 | 52.2 | 4,195 |
| 45 – 49 | 23.2 | 6.4 | 20.7 | 49.8 | 795 |
| 50 – 54 | 14.2 | 7.8 | 27.3 | 50.7 | 80 |
| Age Group (Specific) | | | | | |
| 10 - 19 (Teenagers) | 7.7 | 2.8 | 29.7 | 59.8 | 498 |
| 15 - 49 (WRA) | 8.6 | 4.9 | 26.5 | 59.9 | 48,666 |
| Education | | | | | |
| Never attended school | 6.0 | 4.8 | 34.1 | 55.1 | 690 |
| Some primary school/Islamic primary school | 4.8 | 4.7 | 28.7 | 61.8 | 1,805 |
| Primary school/Islamic primary school graduate | 5.5 | 3.8 | 27.8 | 62.9 | 8,849 |
| Junior secondary school/Islamic junior secondary school graduate | 6.4 | 4.4 | 27.3 | 61.8 | 12,093 |
| Senior secondary school/Islamic senior secondary school graduate | 9.6 | 5.2 | 26.3 | 58.9 | 18,736 |
| D1/D2/D3/university graduate | 15.7 | 6.7 | 22.6 | 55.1 | 6,574 |
| Occupation | | | | | |
| Unemployed | 7.5 | 4.8 | 26.9 | 60.9 | 31,593 |
| Student | 13.3 | 4.4 | 29.4 | 53.0 | 251 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 19.7 | 7.3 | 20.8 | 52.3 | 1,262 |
| Private employee | 13.8 | 5.2 | 25.2 | 55.8 | 4,144 |
| Self-employed | 11.1 | 4.9 | 24.6 | 59.4 | 4,172 |
| Farmer/farm laborer | 6.1 | 3.9 | 27.6 | 62.5 | 2,133 |
| Fisher | 9.0 | 1.7 | 50.6 | 38.7 | 34* |
| Laborer/driver/domestic help | 8.8 | 6.9 | 23.4 | 60.9 | 984 |
| Others | 7.8 | 5.1 | 29.0 | 58.1 | 4,173 |
| Residence | | | | | |
| Urban | 10.4 | 5.5 | 25.7 | 58.4 | 27,486 |
| Rural | 6.4 | 4.3 | 27.6 | 61.7 | 21,260 |
| Economic Status | | | | | |
| Lowest | 5.3 | 4.3 | 29.9 | 60.4 | 5,814 |
| Lower middle | 5.8 | 4.4 | 26.7 | 63.1 | 8,761 |
| Middle | 7.0 | 3.9 | 26.1 | 63.0 | 10,915 |
| Upper middle | 8.4 | 5.2 | 27.4 | 59.0 | 12,070 |
| Highest | 14.5 | 6.4 | 24.2 | 55.0 | 11,186 |

* Weighted N <50

Table 12.73 Proportion of Time to Receive First Contraceptive Service After Delivery Based on Place of Delivery in Women Aged 10-54 Years by Province, 2023 SKI

| Province | Delivered in Health Facilities (%) | | | Delivered in non-Health Facilities (%) | | |
|--------------------|------------------------------------|-------------------------------------|--|--|--------------------------|--------------------------|
| | During the Delivery Process | After Delivery in Health Facilities | < 42 Days/Postpartum Period Upon Return from Health Facilities | > 42 Days After Delivery | < 42 Days After Delivery | > 42 Days After Delivery |
| Aceh | 7.0 | 4.1 | 22.1 | 66.9 | 22.3 | 65.2 |
| North Sumatra | 11.2 | 5.9 | 21.0 | 61.9 | 22.7 | 62.4 |
| West Sumatra | 11.6 | 4.4 | 20.1 | 63.9 | 20.5 | 77.8 |
| Riau | 8.5 | 4.3 | 20.4 | 66.8 | 30.9 | 63.3 |
| Jambi | 5.2 | 2.6 | 25.8 | 66.3 | 27.3 | 71.0 |
| South Sumatra | 4.2 | 2.9 | 34.5 | 58.5 | 37.4 | 58.0 |
| Bengkulu | 5.1 | 1.6 | 29.8 | 63.4 | 30.8 | 62.9 |
| Lampung | 6.1 | 2.8 | 27.8 | 63.3 | 26.3 | 71.8 |
| Bangka Belitung | 7.6 | 4.3 | 29.2 | 58.9 | 20.6 | 72.7 |
| Riau Islands | 15.2 | 4.4 | 18.1 | 62.3 | 19.7 | 76.9 |
| DKI Jakarta | 19.3 | 11.3 | 22.0 | 47.3 | 52.1 | 47.9 |
| West Java | 7.7 | 4.3 | 28.3 | 59.7 | 33.0 | 64.8 |
| Central Java | 11.3 | 6.3 | 24.5 | 58.0 | 26.5 | 69.7 |
| DI Yogyakarta | 22.0 | 5.4 | 16.0 | 56.6 | 0.0 | 100.0 |
| East Java | 10.6 | 5.2 | 23.1 | 61.1 | 17.6 | 80.8 |
| Banten | 6.9 | 3.8 | 26.5 | 62.8 | 18.5 | 76.6 |
| Bali | 24.5 | 4.0 | 27.6 | 43.8 | 32.5 | 67.5 |
| West Nusa Tenggara | 6.4 | 2.6 | 26.7 | 64.3 | 23.9 | 74.2 |
| East Nusa Tenggara | 10.2 | 4.9 | 29.2 | 55.7 | 26.9 | 69.8 |
| West Kalimantan | 4.9 | 6.4 | 32.9 | 55.8 | 36.0 | 58.7 |
| Central Kalimantan | 4.4 | 4.5 | 30.4 | 60.7 | 27.5 | 70.1 |
| South Kalimantan | 4.4 | 4.7 | 38.3 | 52.6 | 35.7 | 59.8 |
| East Kalimantan | 8.9 | 10.5 | 36.9 | 43.7 | 27.5 | 68.3 |
| North Kalimantan | 10.3 | 6.8 | 28.4 | 54.5 | 15.1 | 84.9 |
| North Sulawesi | 10.4 | 6.9 | 36.1 | 46.5 | 24.9 | 72.9 |
| Central Sulawesi | 10.1 | 7.2 | 33.9 | 48.8 | 33.4 | 61.3 |
| South Sulawesi | 8.1 | 8.8 | 29.4 | 53.7 | 21.6 | 71.3 |
| Southeast Sulawesi | 3.6 | 2.2 | 19.6 | 74.6 | 14.1 | 81.8 |
| Gorontalo | 9.1 | 5.1 | 26.8 | 59.0 | 20.5 | 74.8 |
| West Sulawesi | 10.4 | 4.6 | 29.2 | 55.7 | 32.0 | 65.4 |
| Maluku | 8.4 | 7.8 | 31.8 | 52.1 | 24.6 | 70.2 |
| North Maluku | 5.2 | 5.3 | 28.7 | 60.8 | 27.5 | 69.2 |
| West Papua | 8.8 | 5.0 | 27.4 | 58.8 | 22.1 | 72.4 |
| Southwest Papua | 9.9 | 6.4 | 32.8 | 50.9 | 14.7 | 81.9 |
| Papua | 2.3 | 10.8 | 33.4 | 53.5 | 14.8 | 80.8 |
| South Papua | 25.6 | 2.5 | 31.2 | 40.7 | 32.6 | 67.4 |
| Central Papua | 5.3 | 4.1 | 42.8 | 47.7 | 28.9 | 61.3 |
| Highland Papua | 5.2 | 18.2 | 26.3 | 50.3 | 0.0 | 100.0 |
| INDONESIA | 9.4 | 5.3 | 26.4 | 58.9 | 27.6 | 68.7 |

Table 12.74 Proportion of Time to Receive First Contraceptive Service After Delivery Based on Place of Delivery in Women Aged 10-54 Years by Characteristic, 2023 SKI

| Province | Delivered in Health Facilities (%) | | | Delivered in non-Health Facilities (%) | | |
|--|------------------------------------|-------------------------------------|--|--|--------------------------|--------------------------|
| | During the Delivery Process | After Delivery in Health Facilities | ≤ 42 Days/Postpartum Period Upon Return from Health Facilities | > 42 Days After Delivery | ≤ 42 Days After Delivery | > 42 Days After Delivery |
| Age Range (Year) | | | | | | |
| 10 - 14 | 0.0 | 100.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 15 - 19 | 7.9 | 3.3 | 30.6 | 58.3 | 26.5 | 66.2 |
| 20 - 24 | 3.3 | 4.2 | 30.3 | 62.2 | 31.5 | 65.0 |
| 25 - 29 | 5.7 | 4.5 | 27.4 | 62.4 | 27.4 | 69.2 |
| 30 - 34 | 8.7 | 5.4 | 26.1 | 59.8 | 27.2 | 69.4 |
| 35 - 39 | 14.0 | 6.7 | 24.6 | 54.7 | 25.2 | 71.6 |
| 40-44 | 21.1 | 6.0 | 22.5 | 50.4 | 25.3 | 70.0 |
| 45 – 49 | 26.2 | 6.4 | 20.3 | 47.1 | 23.6 | 68.8 |
| 50 – 54 | 17.3 | 6.7 | 20.7 | 55.3 | 57.1 | 30.5 |
| Age Group (Specific) | | | | | | |
| 10 - 19 (Teenagers) | 7.9 | 3.3 | 30.5 | 58.2 | 26.5 | 66.2 |
| 15 - 49 (WRA) | 9.4 | 5.3 | 26.4 | 58.9 | 27.5 | 68.8 |
| Education | | | | | | |
| Never attended school | 7.8 | 5.4 | 36.0 | 50.8 | 27.9 | 68.5 |
| Some primary school/Islamic primary school | 5.6 | 5.3 | 29.9 | 59.2 | 23.5 | 72.8 |
| Primary school/Islamic primary school graduate | 6.3 | 4.2 | 27.9 | 61.6 | 27.8 | 68.6 |
| Junior secondary school/Islamic junior secondary school graduate | 7.0 | 4.7 | 27.3 | 61.0 | 27.7 | 68.8 |
| Senior secondary school/Islamic senior secondary school graduate | 10.1 | 5.4 | 26.1 | 58.4 | 29.2 | 66.6 |
| D1/D2/D3/university graduate | 16.4 | 6.9 | 22.5 | 54.3 | 24.1 | 72.3 |
| Occupation | | | | | | |
| Unemployed | 8.2 | 5.2 | 26.7 | 60.0 | 28.1 | 68.5 |
| Student | 14.6 | 4.1 | 31.0 | 50.2 | 12.6 | 80.4 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 20.7 | 7.4 | 21.0 | 51.0 | 16.6 | 78.0 |
| Private employee | 14.2 | 5.4 | 25.4 | 55.1 | 18.7 | 78.7 |
| Self-employed | 11.7 | 5.1 | 24.5 | 58.8 | 25.7 | 71.4 |
| Farmer/farm laborer | 7.3 | 4.1 | 28.0 | 60.6 | 25.9 | 70.2 |
| Fisher | 9.6 | 0.7 | 50.8 | 39.0 | 48.4 | 33.3 |
| Laborer/driver/domestic help | 9.3 | 7.0 | 23.4 | 60.3 | 23.0 | 70.7 |
| Others | 8.4 | 5.4 | 28.7 | 57.4 | 31.0 | 63.7 |
| Residence | | | | | | |
| Urban | 10.9 | 5.6 | 25.7 | 57.7 | 26.0 | 70.4 |
| Rural | 7.2 | 4.7 | 27.4 | 60.6 | 28.3 | 68.0 |
| Economic Status | | | | | | |
| Lowest | 6.3 | 4.6 | 31.1 | 58.0 | 25.4 | 69.7 |
| Lower middle | 6.5 | 4.9 | 26.4 | 62.2 | 28.7 | 69.0 |
| Middle | 7.6 | 4.2 | 25.9 | 62.4 | 27.9 | 67.7 |
| Upper middle | 9.0 | 5.5 | 27.3 | 58.2 | 28.5 | 69.0 |
| Highest | 14.8 | 6.5 | 24.0 | 54.6 | 28.0 | 66.9 |

Table 12.75 Proportion of Main Reasons for Not Using Contraceptive Methods After Giving Birth in Women Aged 10-54 Years by Province, 2023 SKI

| Province | Main Reasons for Not Using Contraceptive Methods | | | | Weighted N |
|--------------------|--|-------------------------------|---------------------|-------------|---------------|
| | Still in the Postpartum Period | Not Allowed by Husband/Family | Lack of Information | Others | |
| Aceh | 20.0 | 42.8 | 11.5 | 25.6 | 525 |
| North Sumatra | 20.7 | 40.2 | 13.8 | 25.4 | 1,932 |
| West Sumatra | 10.7 | 37.1 | 6.2 | 46.1 | 689 |
| Riau | 16.2 | 36.6 | 9.0 | 38.2 | 652 |
| Jambi | 31.6 | 34.3 | 12.0 | 22.1 | 168 |
| South Sumatra | 23.7 | 26.1 | 10.9 | 39.3 | 569 |
| Bengkulu | 34.6 | 23.2 | 15.4 | 26.8 | 142 |
| Lampung | 19.9 | 28.3 | 11.6 | 40.3 | 634 |
| Bangka Belitung | 20.1 | 36.5 | 9.0 | 34.4 | 73 |
| Riau Islands | 10.9 | 29.8 | 6.4 | 52.9 | 347 |
| DKI Jakarta | 12.0 | 17.6 | 8.2 | 62.2 | 1,050 |
| West Java | 12.8 | 20.9 | 9.3 | 57.1 | 3,070 |
| Central Java | 21.0 | 20.1 | 11.3 | 47.6 | 3,042 |
| DI Yogyakarta | 16.7 | 17.0 | 1.7 | 64.7 | 340 |
| East Java | 13.9 | 24.7 | 11.0 | 50.4 | 2,257 |
| Banten | 13.1 | 23.7 | 14.5 | 48.7 | 812 |
| Bali | 11.6 | 29.7 | 11.3 | 47.4 | 413 |
| West Nusa Tenggara | 14.5 | 21.8 | 11.3 | 52.5 | 342 |
| East Nusa Tenggara | 13.2 | 27.6 | 17.7 | 41.5 | 725 |
| West Kalimantan | 26.7 | 21.6 | 16.5 | 35.2 | 366 |
| Central Kalimantan | 26.9 | 20.1 | 16.6 | 36.4 | 94 |
| South Kalimantan | 26.7 | 28.0 | 12.0 | 33.3 | 121 |
| East Kalimantan | 14.1 | 21.2 | 8.7 | 56.1 | 292 |
| North Kalimantan | 13.5 | 31.8 | 13.7 | 41.0 | 78 |
| North Sulawesi | 30.8 | 21.4 | 13.1 | 34.7 | 158 |
| Central Sulawesi | 18.3 | 27.3 | 17.6 | 36.8 | 248 |
| South Sulawesi | 13.9 | 21.7 | 13.2 | 51.2 | 950 |
| Southeast Sulawesi | 28.4 | 27.8 | 14.1 | 29.7 | 387 |
| Gorontalo | 19.4 | 23.5 | 11.0 | 46.1 | 99 |
| West Sulawesi | 12.9 | 23.3 | 14.9 | 48.8 | 150 |
| Maluku | 13.0 | 30.6 | 20.7 | 35.7 | 263 |
| North Maluku | 32.4 | 31.7 | 16.1 | 19.8 | 115 |
| West Papua | 24.4 | 31.7 | 15.4 | 28.5 | 81 |
| Southwest Papua | 11.7 | 37.3 | 15.1 | 35.9 | 101 |
| Papua | 8.0 | 45.3 | 20.9 | 25.8 | 138 |
| South Papua | 7.5 | 40.0 | 14.2 | 38.3 | 92 |
| Central Papua | 6.3 | 71.4 | 16.8 | 5.5 | 345 |
| Highland Papua | 12.0 | 77.5 | 9.1 | 1.4 | 308 |
| INDONESIA | 16.6 | 27.7 | 11.6 | 44.1 | 22,170 |

Table 12.76 Proportion of Main Reasons for Not Using Contraceptive Methods After Giving Birth in Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Main Reasons for Not Using Contraceptive Methods | | | | |
|--|--|-------------------------------|---------------------|--------|------------|
| | Still in the Postpartum Period | Not Allowed by Husband/Family | Lack of Information | Others | Weighted N |
| Age Range (Year) | | | | | |
| 10 – 14 | 7.4 | 13.0 | 0.0 | 79.6 | 4* |
| 15 - 19 | 18.8 | 50.1 | 10.4 | 20.6 | 370 |
| 20 - 24 | 24.1 | 28.2 | 13.5 | 34.2 | 2,700 |
| 25 - 29 | 17.9 | 27.2 | 9.7 | 45.2 | 6,472 |
| 30 - 34 | 15.5 | 25.4 | 11.6 | 47.5 | 6,327 |
| 35 - 39 | 13.9 | 28.2 | 11.7 | 46.2 | 3,989 |
| 40-44 | 12.8 | 27.6 | 14.9 | 44.7 | 1,747 |
| 45 – 49 | 9.6 | 38.3 | 12.3 | 39.8 | 495 |
| 50 – 54 | 7.1 | 47.2 | 16.3 | 29.4 | 67 |
| Age Group (Specific) | | | | | |
| 10 - 19 (Teenagers) | 18.7 | 49.7 | 10.3 | 21.2 | 374 |
| 15 - 49 (WRA) | 16.7 | 27.7 | 11.6 | 44.1 | 22,099 |
| Education | | | | | |
| Never attended school | 14.6 | 46.2 | 18.3 | 20.9 | 499 |
| Some primary school/Islamic primary school | 14.0 | 42.7 | 14.9 | 28.5 | 777 |
| Primary school/Islamic primary school graduate | 21.4 | 27.7 | 15.6 | 35.2 | 2,860 |
| Junior secondary school/Islamic junior secondary school graduate | 19.4 | 25.8 | 13.9 | 40.9 | 4,088 |
| Senior secondary school/Islamic senior secondary school graduate | 16.2 | 26.6 | 10.3 | 46.9 | 9,234 |
| D1/D2/D3/university graduate | 12.8 | 27.1 | 8.4 | 51.7 | 4,710 |
| Occupation | | | | | |
| Unemployed | 18.0 | 27.3 | 11.5 | 43.3 | 12,624 |
| Student | 13.8 | 29.5 | 16.3 | 40.4 | 157 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 14.3 | 31.7 | 6.9 | 47.1 | 866 |
| Private employee | 13.6 | 22.8 | 8.9 | 54.8 | 2,648 |
| Self-employed | 15.2 | 26.6 | 11.3 | 46.8 | 2,053 |
| Farmer/farm laborer | 19.6 | 40.2 | 15.0 | 25.2 | 1,259 |
| Fisher | 11.4 | 46.3 | 24.0 | 18.2 | 25* |
| Laborer/driver/domestic help | 11.2 | 19.4 | 17.1 | 52.3 | 411 |
| Others | 14.4 | 29.9 | 13.8 | 41.9 | 2,126 |
| Residence | | | | | |
| Urban | 13.5 | 25.9 | 10.0 | 50.6 | 13,326 |
| Rural | 21.3 | 30.4 | 14.0 | 34.3 | 8,844 |
| Economic Status | | | | | |
| Lowest | 16.1 | 35.2 | 16.8 | 31.9 | 3,031 |
| Lower middle | 20.2 | 25.9 | 13.8 | 40.1 | 3,411 |
| Middle | 19.0 | 26.7 | 11.4 | 42.9 | 4,065 |
| Upper middle | 17.4 | 26.3 | 11.2 | 45.1 | 5,180 |
| Highest | 12.9 | 26.9 | 8.3 | 51.8 | 6,483 |

*Weighted N < 50

CHAPTER 13

INFANT AND TODDLER HEALTH

The goal of the infant and toddler health chapter is to obtain information about the health status of infants and toddlers, including their birth history, health services received, growth and development monitoring, breastfeeding/complementary feeding, and supplementary feeding (PMT).

Questions in the infant and toddler health block are directed towards children aged 0-59 months at the time of the survey. Respondents to answer these questions are mothers or other family members who are knowledgeable about the health history, services provided, immunizations, and growth and development of infants and toddlers. Answers can come from the Maternal and Child Health (KIA) book, or other documents recording the health history, immunizations, and growth and development of infants and toddlers. Additionally, for some questions, respondents can also answer based on their memory if there are no records or documents.

Sub-blocks, age groups, and data sources in the infant and toddler health block:

| No | Sub-Block | Age Group | Data Source |
|----|--|-------------------|--|
| 1 | KIA book | 0-59 months | KIA Book, other child health record books, respondent's answer |
| 2 | Conditions at Birth | 0-59 months | |
| 3 | Newborn/Neonatal Care | 0-59 months | |
| 4 | Congenital Hypothyroidism Screening | 0-59 months | |
| 5 | Congenital Anomalies | 0-59 months | Based on respondent's answer or enumerator observation |
| 6 | Immunizations | 0-59 months | KIA Book, other child health record books, or based on respondent's answer |
| 7 | Growth Monitoring | 0-59 months | |
| 8 | Child Development Monitoring | 29 days-59 months | KIA Book |
| 9 | Breastfeeding & Complementary Feeding | 0-23 months | Respondent's answer, using a 24-hour child food recall aid sheet |
| 10 | Supplementary Feeding (PMT) for Children | 6-59 months | |

13.1 KIA BOOK

The KIA book includes KIA books published by the Ministry of Health or KIA books published by the Ministry of Health that are adopted and published by local governments or other parties such as the Indonesian Midwives Association (IBI), Non-Governmental Organizations (NGOs), hospitals, companies, and others.

A. Ownership of KIA Book for Children

The ownership status of the KIA book at the time of the survey is evaluated for children aged 0-59 months. Having a KIA book means being able to show the KIA book or not being able to show it because it is kept by a cadre or health worker at the time the survey is conducted.

$$\text{Proportion of KIA book ownership} = \frac{\text{Number of toddlers (0-59 months) with KIA books}}{\text{Total number of toddlers}} \times 100\%$$

B. Fulfillment of KIA Book

The assessment of completeness of the KIA book aims to obtain information about the utilization of the KIA book by respondents who can present the KIA book during the data collection period. The KIA book referred to is in the form of a physical book but does not include digital KIA books.

Completeness of the KIA Book is assessed by examining the completeness of records in the KIA book (pregnancy history, childbirth history, newborn history, health examination during illness, growth monitoring, and developmental monitoring (SDIDTK) of children) that can be shown in the KIA book.

$$\text{Proportion of completeness of KIA book} = \frac{\text{Number of children aged 0-59 months whose KIA books are fully filled out}}{\text{Number of children aged 0-59 months who have and can present their KIA books}} \times 100\%$$

C. Utilization of the KIA Book as Information on Child Growth and Health

This information is asked to respondents who have or have ever had a KIA book.

$$\text{Proportion of utilization of the KIA book} = \frac{\text{Number of children aged 0-59 months who utilize the KIA books}}{\text{Number of children aged 0-59 months who have/have ever had a KIA books}} \times 100\%$$

Table 13.1 Proportion of KIA Book Ownership in Children Aged 0-59 Months by Province, 2023 SKI

| Province | KIA Book Ownership (%) | | | | | | | Weighted N | |
|--------------------|------------------------|--------------------------|------------------|----------------|----------------|-------------|------------|---------------|--|
| | Own | | | Do not own | | | | | |
| | Can present | | Digital KIA Book | Cannot present | Has ever owned | Never owned | | | |
| KIA Book 2020 | KIA Book before 2020 | KIA Book non MOH edition | | | | | | | |
| Aceh | 31.5 | 19.9 | 0.2 | 0.2 | 21.2 | 16.9 | 10.0 | 1,928 | |
| North Sumatra | 25.6 | 15.4 | 1.2 | 0.0 | 16.0 | 24.4 | 17.3 | 5,421 | |
| West Sumatra | 30.4 | 29.6 | 0.9 | 0.2 | 15.2 | 21.4 | 2.3 | 1,907 | |
| Riau | 21.5 | 16.0 | 2.4 | 0.0 | 19.9 | 26.6 | 13.6 | 2,289 | |
| Jambi | 40.8 | 23.5 | 0.9 | 0.1 | 14.9 | 16.2 | 3.5 | 1,228 | |
| South Sumatra | 24.9 | 23.5 | 2.4 | 0 | 13.7 | 27.4 | 8.1 | 2,854 | |
| Bengkulu | 34.1 | 27.4 | 1.7 | 0.3 | 14.4 | 19.7 | 2.5 | 693 | |
| Lampung | 38.9 | 37.1 | 1.3 | 0.1 | 10.3 | 10.6 | 1.7 | 3,021 | |
| Bangka Belitung | 37.9 | 28.9 | 1.3 | 0 | 7.5 | 20.6 | 3.8 | 488 | |
| Riau Islands | 30.8 | 35.1 | 2.2 | 0.1 | 9.5 | 12.0 | 10.3 | 737 | |
| DKI Jakarta | 33.0 | 48.1 | 7.5 | 0 | 5.2 | 5.4 | 0.7 | 2,887 | |
| West Java | 31.3 | 39.4 | 3.8 | 0.1 | 6.7 | 14.4 | 4.4 | 15,280 | |
| Central Java | 34.3 | 54.4 | 1.4 | 0.1 | 4.1 | 5.3 | 0.4 | 10,698 | |
| DI Yogyakarta | 28.8 | 57.9 | 8.5 | 0 | 1.8 | 2.6 | 0.2 | 930 | |
| East Java | 35.7 | 49.4 | 1.0 | 0 | 6.5 | 6.4 | 1.0 | 11,043 | |
| Banten | 29.6 | 34.6 | 4.8 | 0.1 | 7.2 | 19.2 | 4.4 | 3,817 | |
| Bali | 41.2 | 42.9 | 1.2 | 0.0 | 5.6 | 5.9 | 3.2 | 1,203 | |
| West Nusa Tenggara | 40.0 | 40.6 | 0.4 | 0 | 6.3 | 10.0 | 2.6 | 1,951 | |
| East Nusa Tenggara | 35.3 | 32.5 | 0.3 | 0.1 | 19.7 | 9.0 | 3.1 | 2,189 | |
| West Kalimantan | 38.1 | 29.1 | 2.3 | 0.1 | 10.9 | 14.9 | 4.7 | 1,891 | |
| Central Kalimantan | 38.4 | 27.2 | 1.4 | 0.0 | 10.5 | 18.7 | 3.8 | 921 | |
| South Kalimantan | 39.6 | 37.5 | 1.1 | 0.1 | 7.9 | 11.3 | 2.5 | 1,387 | |
| East Kalimantan | 38.7 | 39.0 | 0.7 | 0.0 | 8.0 | 12.5 | 1.1 | 1,245 | |
| North Kalimantan | 42.7 | 26.4 | 1.3 | 0.2 | 11.3 | 15.2 | 2.9 | 245 | |
| North Sulawesi | 32.9 | 26.5 | 1.3 | 0.0 | 11.9 | 24.1 | 3.3 | 764 | |
| Central Sulawesi | 32.3 | 32.4 | 1.1 | 0.1 | 13.2 | 17.7 | 3.3 | 1,042 | |
| South Sulawesi | 36.5 | 31.7 | 2.3 | 0.0 | 11.2 | 13.9 | 4.3 | 2,985 | |
| Southeast Sulawesi | 28.8 | 19.9 | 0.5 | 0.1 | 15.9 | 24.0 | 10.8 | 1,017 | |
| Gorontalo | 40.6 | 38.2 | 0.5 | 0.1 | 5.9 | 14.2 | 0.6 | 400 | |
| West Sulawesi | 37.7 | 32.2 | 0.4 | 0.0 | 14.6 | 13.4 | 1.6 | 537 | |
| Maluku | 25.4 | 19.4 | 0.3 | 0.1 | 14.8 | 21.1 | 18.9 | 681 | |
| North Maluku | 32.0 | 17.4 | 0.5 | 0.1 | 11.1 | 23.5 | 15.4 | 476 | |
| West Papua | 29.1 | 13.0 | 0.6 | 0.0 | 19.1 | 21.6 | 16.5 | 212 | |
| Southwest Papua | 26.5 | 10.3 | 1.2 | 0.1 | 16.2 | 21.7 | 24.1 | 229 | |
| Papua | 32.7 | 17.6 | 1.5 | 0 | 15.4 | 20.6 | 12.3 | 432 | |
| South Papua | 19.1 | 16.1 | 1.2 | 0 | 21.4 | 27.2 | 15.1 | 287 | |
| Central Papua | 10.2 | 6.6 | 1.5 | 0 | 9.4 | 38.0 | 34.4 | 467 | |
| Highland Papua | 11.6 | 6.9 | 0.1 | 0 | 18.8 | 27.8 | 34.7 | 449 | |
| INDONESIA | 32.7 | 36.8 | 2.1 | 0.1 | 9.5 | 13.8 | 5.0 | 86,231 | |

Table 13.2 Proportion of KIA Book Ownership in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | KIA Book Ownership (%) | | | | | | | Weighted N | |
|--|------------------------|------|--------------------------|------------------|----------------|----------------|-------------|------------|--|
| | Own | | | Do not own | | | | | |
| | Can present | | KIA Book non MOH edition | Digital KIA Book | Cannot present | Has ever owned | Never owned | | |
| Age Group | | | | | | | | | |
| 0-5 months | 70.8 | 12.4 | 2.6 | 0.0 | 6.9 | 1.8 | 5.5 | 6,645 | |
| 6-11 months | 64.9 | 16.1 | 2.5 | 0.1 | 7.5 | 4.5 | 4.4 | 7,365 | |
| 12-23 months | 51.8 | 24.4 | 2.2 | 0.1 | 9.4 | 7.8 | 4.4 | 16,228 | |
| 24-35 months | 27.8 | 42.6 | 2.1 | 0.0 | 9.6 | 13.4 | 4.5 | 17,570 | |
| 36-47 months | 16.8 | 48.7 | 2.1 | 0.1 | 10.3 | 16.8 | 5.3 | 19,028 | |
| 48-59 months | 11.5 | 46.4 | 2.0 | 0.0 | 10.4 | 24.0 | 5.7 | 19,396 | |
| Sex | | | | | | | | | |
| Male | 32.7 | 36.7 | 2.1 | 0.1 | 9.6 | 13.8 | 5.0 | 44,035 | |
| Female | 32.6 | 36.8 | 2.2 | 0.1 | 9.5 | 13.8 | 5.0 | 42,196 | |
| Head of Household Education | | | | | | | | | |
| Never attended school | 26.5 | 29.0 | 0.6 | 0.0 | 12.7 | 16.2 | 15.0 | 1,794 | |
| Some primary school/Islamic primary school | 32.2 | 33.3 | 0.9 | 0.0 | 10.8 | 14.7 | 8.1 | 2,993 | |
| Primary school/Islamic primary school graduate | 34.0 | 38.1 | 0.5 | 0.1 | 9.9 | 12.8 | 4.7 | 14,701 | |
| Junior secondary school/Islamic junior secondary school graduate | 33.7 | 39.3 | 0.8 | 0.1 | 9.5 | 12.4 | 4.3 | 17,026 | |
| Senior secondary school/Islamic senior secondary school graduate | 32.8 | 37.5 | 1.9 | 0.0 | 9.1 | 14.1 | 4.6 | 35,991 | |
| D1/D2/D3/university graduate | 30.5 | 32.3 | 6.7 | 0.1 | 9.8 | 15.5 | 5.1 | 13,725 | |
| Head of Household Occupation | | | | | | | | | |
| Unemployed | 30.4 | 35.5 | 2.0 | 0.0 | 10.0 | 14.8 | 7.3 | 2,226 | |
| Student | 37.9 | 39.4 | 1.5 | 0 | 7.5 | 10.6 | 3.2 | 196 | |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 32.2 | 29.5 | 4.0 | 0.1 | 11.1 | 17.2 | 5.9 | 4,977 | |
| Private employee | 32.1 | 39.9 | 4.3 | 0.1 | 7.3 | 12.8 | 3.6 | 19,332 | |
| Self-employed | 34.0 | 36.1 | 1.5 | 0.0 | 9.5 | 14.1 | 4.7 | 25,062 | |
| Farmer/farm laborer | 32.8 | 33.1 | 0.6 | 0.0 | 13.2 | 13.8 | 6.5 | 16,588 | |
| Fisher | 32.6 | 27.5 | 0.8 | 0.0 | 13.4 | 15.5 | 10.2 | 1,763 | |
| Laborer/driver/domestic help | 31.9 | 43.1 | 1.0 | 0.1 | 6.8 | 13.2 | 3.9 | 12,205 | |
| Others | 31.0 | 35.9 | 3.6 | 0.0 | 10.3 | 13.6 | 5.5 | 3,882 | |
| Residence | | | | | | | | | |
| Urban | 32.4 | 37.6 | 3.2 | 0.1 | 7.6 | 14.5 | 4.7 | 49,430 | |
| Rural | 33.1 | 35.7 | 0.6 | 0.1 | 12.2 | 12.9 | 5.4 | 36,801 | |
| Economic Status | | | | | | | | | |
| Lowest | 29.4 | 32.6 | 0.4 | 0.0 | 12.5 | 14.8 | 10.3 | 10,761 | |
| Lower middle | 33.3 | 38.1 | 0.8 | 0.1 | 10.0 | 13.2 | 4.6 | 14,583 | |
| Middle | 34.9 | 38.4 | 0.8 | 0.0 | 9.7 | 12.5 | 3.7 | 17,836 | |
| Upper middle | 33.7 | 38.6 | 1.3 | 0.1 | 8.8 | 14.1 | 3.4 | 20,759 | |
| Highest | 31.2 | 34.9 | 5.7 | 0.1 | 8.4 | 14.5 | 5.2 | 22,290 | |

Table 13.3 Proportion of Completeness of KIA Book Entries for Pregnancy History in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Completeness of Pregnancy History Entries (%) | | | Weighted N |
|--------------------|---|----------------------|----------------|---------------|
| | Fully filled out | Partially filled out | Not filled out | |
| Aceh | 55.9 | 36.6 | 7.5 | 892 |
| North Sumatra | 49.2 | 37.1 | 13.7 | 2,042 |
| West Sumatra | 70.3 | 25.6 | 4.0 | 1,039 |
| Riau | 58.3 | 33.4 | 8.3 | 818 |
| Jambi | 73.7 | 24.6 | 1.7 | 719 |
| South Sumatra | 59.6 | 32.1 | 8.3 | 1,295 |
| Bengkulu | 66.4 | 30.3 | 3.3 | 393 |
| Lampung | 75.9 | 21.9 | 2.2 | 2,094 |
| Bangka Belitung | 82.6 | 16.4 | 1.1 | 298 |
| Riau Islands | 78.9 | 17.0 | 4.1 | 451 |
| DKI Jakarta | 83.2 | 12.2 | 4.5 | 2,290 |
| West Java | 73.9 | 20.2 | 5.9 | 10,173 |
| Central Java | 88.0 | 10.5 | 1.6 | 8,647 |
| DI Yogyakarta | 91.1 | 5.0 | 3.9 | 792 |
| East Java | 89.4 | 8.7 | 1.8 | 8,506 |
| Banten | 79.8 | 16.8 | 3.4 | 2,364 |
| Bali | 89.7 | 8.0 | 2.3 | 920 |
| West Nusa Tenggara | 89.1 | 9.6 | 1.2 | 1,417 |
| East Nusa Tenggara | 79.8 | 18.0 | 2.2 | 1,338 |
| West Kalimantan | 71.8 | 24.8 | 3.5 | 1,170 |
| Central Kalimantan | 80.2 | 18.6 | 1.3 | 553 |
| South Kalimantan | 88.1 | 10.4 | 1.5 | 974 |
| East Kalimantan | 87.4 | 11.0 | 1.6 | 876 |
| North Kalimantan | 85.2 | 13.2 | 1.6 | 155 |
| North Sulawesi | 58.8 | 35.1 | 6.1 | 415 |
| Central Sulawesi | 70.6 | 24.1 | 5.3 | 614 |
| South Sulawesi | 73.3 | 21.2 | 5.5 | 1,884 |
| Southeast Sulawesi | 62.9 | 29.4 | 7.7 | 449 |
| Gorontalo | 76.2 | 22.3 | 1.4 | 284 |
| West Sulawesi | 77.5 | 18.3 | 4.2 | 339 |
| Maluku | 57.2 | 33.2 | 9.6 | 274 |
| North Maluku | 59.3 | 34.2 | 6.5 | 211 |
| West Papua | 64.6 | 29.1 | 6.2 | 81 |
| Southwest Papua | 56.2 | 28.2 | 15.6 | 77 |
| Papua | 62.5 | 28.9 | 8.6 | 200 |
| South Papua | 74.8 | 21.9 | 3.3 | 94 |
| Central Papua | 66.8 | 28.4 | 4.8 | 76 |
| Highland Papua | 50.6 | 42.7 | 6.7 | 74 |
| INDONESIA | 78.5 | 17.5 | 4.0 | 55,286 |

Table 13.4 Proportion of Completeness of KIA Book Entries for Pregnancy History in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Completeness of Pregnancy History Entries (%) | | | Weighted N |
|--|---|----------------------|----------------|------------|
| | Fully filled out | Partially filled out | Not filled out | |
| Age Group | | | | |
| 0-5 months | 79.0 | 16.8 | 4.2 | 5,109 |
| 6-11 months | 76.9 | 18.3 | 4.8 | 5,515 |
| 12-23 months | 76.4 | 19.3 | 4.2 | 11,385 |
| 24-35 months | 78.2 | 17.8 | 4.1 | 11,381 |
| 36-47 months | 80.0 | 16.3 | 3.7 | 11,492 |
| 48-59 months | 79.9 | 16.6 | 3.5 | 10,404 |
| Sex | | | | |
| Male | 78.1 | 17.9 | 3.9 | 28,217 |
| Female | 78.8 | 17.1 | 4.1 | 27,069 |
| Head of Household Education | | | | |
| Never attended school | 77.5 | 18.8 | 3.7 | 890 |
| Some primary school/Islamic primary school | 77.5 | 19.8 | 2.7 | 1,779 |
| Primary school/Islamic primary school graduate | 79.1 | 18.1 | 2.8 | 9,544 |
| Junior secondary school/Islamic junior secondary school graduate | 79.4 | 17.3 | 3.3 | 11,265 |
| Senior secondary school/Islamic senior secondary school graduate | 78.8 | 17.1 | 4.2 | 23,293 |
| D1/D2/D3/university graduate | 76.1 | 17.8 | 6.1 | 8,515 |
| Head of Household Occupation | | | | |
| Unemployed | 79.8 | 16.6 | 3.6 | 1,346 |
| Student | 81.9 | 16.7 | 1.4 | 135 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 76.0 | 18.0 | 5.9 | 2,924 |
| Private employee | 79.8 | 15.6 | 4.6 | 13,193 |
| Self-employed | 78.1 | 18.1 | 3.8 | 16,091 |
| Farmer/farm laborer | 77.0 | 19.6 | 3.4 | 9,877 |
| Fisher | 73.5 | 21.0 | 5.6 | 963 |
| Laborer/driver/domestic help | 79.9 | 16.7 | 3.4 | 8,316 |
| Others | 78.9 | 17.2 | 3.9 | 2,442 |
| Residence | | | | |
| Urban | 78.0 | 17.2 | 4.8 | 32,389 |
| Rural | 79.1 | 18.0 | 2.9 | 22,897 |
| Economic Status | | | | |
| Lowest | 74.4 | 22.2 | 3.4 | 6,012 |
| Lower middle | 79.5 | 17.4 | 3.1 | 9,414 |
| Middle | 80.6 | 16.3 | 3.1 | 11,847 |
| Upper middle | 80.5 | 16.1 | 3.4 | 13,706 |
| Highest | 75.8 | 18.0 | 6.2 | 14,307 |

Table 13.5 Proportion of Completeness of KIA Book Entries for Childbirth History in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Completeness of Childbirth History Entries (%) | | | Weighted N |
|--------------------|--|----------------------|----------------|---------------|
| | Fully filled out | Partially filled out | Not filled out | |
| Aceh | 34.1 | 48.7 | 17.2 | 891 |
| North Sumatra | 35.4 | 41.5 | 23.1 | 2,041 |
| West Sumatra | 53.5 | 26.2 | 20.3 | 1,038 |
| Riau | 43.7 | 39.9 | 16.5 | 818 |
| Jambi | 65.4 | 28.5 | 6.1 | 719 |
| South Sumatra | 34.9 | 40.7 | 24.4 | 1,294 |
| Bengkulu | 51.2 | 33.0 | 15.8 | 393 |
| Lampung | 60.1 | 26.7 | 13.2 | 2,093 |
| Bangka Belitung | 74.4 | 17.6 | 8.0 | 299 |
| Riau Islands | 63.1 | 23.0 | 14.0 | 450 |
| DKI Jakarta | 74.5 | 14.9 | 10.5 | 2,292 |
| West Java | 55.6 | 24.1 | 20.3 | 10,175 |
| Central Java | 77.1 | 13.5 | 9.5 | 8,627 |
| DI Yogyakarta | 79.3 | 9.4 | 11.2 | 794 |
| East Java | 78.5 | 13.6 | 7.9 | 8,526 |
| Banten | 56.0 | 26.6 | 17.4 | 2,359 |
| Bali | 84.9 | 9.7 | 5.4 | 920 |
| West Nusa Tenggara | 80.9 | 11.4 | 7.6 | 1,416 |
| East Nusa Tenggara | 70.8 | 19.8 | 9.4 | 1,333 |
| West Kalimantan | 68.8 | 21.9 | 9.3 | 1,168 |
| Central Kalimantan | 68.8 | 24.4 | 6.8 | 553 |
| South Kalimantan | 75.6 | 16.2 | 8.2 | 973 |
| East Kalimantan | 84.3 | 11.3 | 4.4 | 875 |
| North Kalimantan | 78.4 | 14.8 | 6.8 | 154 |
| North Sulawesi | 48.8 | 38.1 | 13.1 | 414 |
| Central Sulawesi | 59.6 | 28.4 | 12.0 | 613 |
| South Sulawesi | 60.3 | 23.6 | 16.2 | 1,883 |
| Southeast Sulawesi | 46.9 | 31.3 | 21.8 | 449 |
| Gorontalo | 72.2 | 19.5 | 8.3 | 283 |
| West Sulawesi | 65.3 | 20.3 | 14.4 | 339 |
| Maluku | 36.9 | 35.6 | 27.5 | 272 |
| North Maluku | 49.5 | 36.5 | 14.0 | 211 |
| West Papua | 51.5 | 28.8 | 19.6 | 80 |
| Southwest Papua | 37.7 | 36.4 | 25.9 | 77 |
| Papua | 43.5 | 41.3 | 15.2 | 200 |
| South Papua | 65.1 | 27.3 | 7.6 | 94 |
| Central Papua | 55.5 | 30.7 | 13.8 | 76 |
| Highland Papua | 52.8 | 40.8 | 6.4 | 70 |
| INDONESIA | 65.1 | 21.5 | 13.4 | 55,264 |

Table 13.6 Proportion of Completeness of KIA Book Entries for Childbirth History in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Completeness of Childbirth History Entries (%) | | | Weighted N |
|--|--|----------------------|----------------|------------|
| | Fully filled out | Partially filled out | Not filled out | |
| Age Group | | | | |
| 0-5 months | 66.3 | 20.3 | 13.4 | 5,105 |
| 6-11 months | 63.4 | 23.1 | 13.5 | 5,509 |
| 12-23 months | 64.7 | 21.5 | 13.9 | 11,379 |
| 24-35 months | 65.6 | 21.1 | 13.4 | 11,382 |
| 36-47 months | 65.6 | 21.1 | 13.3 | 11,489 |
| 48-59 months | 64.7 | 22.3 | 13.0 | 10,399 |
| Sex | | | | |
| Male | 64.6 | 21.7 | 13.7 | 28,214 |
| Female | 65.6 | 21.3 | 13.1 | 27,050 |
| Head of Household Education | | | | |
| Never attended school | 64.0 | 23.2 | 12.8 | 896 |
| Some primary school/Islamic primary school | 64.9 | 24.2 | 11.0 | 1,775 |
| Primary school/Islamic primary school graduate | 66.8 | 21.5 | 11.7 | 9,542 |
| Junior secondary school/Islamic junior secondary school graduate | 65.8 | 21.7 | 12.4 | 11,256 |
| Senior secondary school/Islamic senior secondary school graduate | 64.6 | 21.4 | 14.1 | 23,276 |
| D1/D2/D3/university graduate | 63.9 | 20.8 | 15.3 | 8,520 |
| Head of Household Occupation | | | | |
| Unemployed | 66.0 | 20.7 | 13.3 | 1,351 |
| Student | 65.0 | 22.3 | 12.7 | 135 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 65.8 | 20.0 | 14.2 | 2,923 |
| Private employee | 64.9 | 20.5 | 14.6 | 13,192 |
| Self-employed | 65.8 | 21.5 | 12.8 | 16,068 |
| Farmer/farm laborer | 65.3 | 23.3 | 11.3 | 9,869 |
| Fisher | 60.9 | 24.7 | 14.4 | 962 |
| Laborer/driver/domestic help | 63.9 | 21.4 | 14.7 | 8,313 |
| Others | 65.3 | 21.1 | 13.5 | 2,453 |
| Residence | | | | |
| Urban | 63.8 | 21.4 | 14.8 | 32,382 |
| Rural | 67.0 | 21.7 | 11.3 | 22,882 |
| Economic Status | | | | |
| Lowest | 62.6 | 24.3 | 13.2 | 5,995 |
| Lower middle | 65.1 | 22.6 | 12.2 | 9,425 |
| Middle | 67.7 | 20.6 | 11.7 | 11,845 |
| Upper middle | 65.9 | 20.4 | 13.7 | 13,698 |
| Highest | 63.3 | 21.4 | 15.3 | 14,301 |

Table 13.7 Proportion of Completeness of KIA Book Entries for Newborn History in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Completeness of Newborn History Entries (%) | | | Weighted N |
|--------------------|---|----------------------|----------------|---------------|
| | Fully filled out | Partially filled out | Not filled out | |
| Aceh | 33.3 | 46.5 | 0.2 | 892 |
| North Sumatra | 38.9 | 38.8 | 0.2 | 2,044 |
| West Sumatra | 50.7 | 26.5 | 0.2 | 1,039 |
| Riau | 47.9 | 36.9 | 0.2 | 816 |
| Jambi | 65.8 | 26.5 | 0.1 | 719 |
| South Sumatra | 37.4 | 38.4 | 0.2 | 1,295 |
| Bengkulu | 50.6 | 34.2 | 0.2 | 393 |
| Lampung | 60.7 | 23.9 | 0.2 | 2,093 |
| Bangka Belitung | 74.6 | 16.9 | 0.1 | 298 |
| Riau Islands | 54.4 | 24.4 | 0.2 | 451 |
| DKI Jakarta | 73.9 | 13.6 | 0.1 | 2,294 |
| West Java | 54.1 | 23.7 | 0.2 | 10,183 |
| Central Java | 74.1 | 15.0 | 0.1 | 8,647 |
| DI Yogyakarta | 77.5 | 10.5 | 0.1 | 795 |
| East Java | 76.4 | 14.1 | 0.1 | 8,531 |
| Banten | 53.0 | 29.2 | 0.2 | 2,364 |
| Bali | 83.8 | 10.8 | 0.1 | 920 |
| West Nusa Tenggara | 81.9 | 10.2 | 0.1 | 1,417 |
| East Nusa Tenggara | 69.8 | 20.3 | 0.1 | 1,332 |
| West Kalimantan | 70.1 | 20.4 | 0.1 | 1,174 |
| Central Kalimantan | 67.2 | 24.9 | 0.1 | 553 |
| South Kalimantan | 72.4 | 17.4 | 0.1 | 972 |
| East Kalimantan | 83.2 | 12.0 | 0.0 | 875 |
| North Kalimantan | 80.0 | 13.2 | 0.1 | 154 |
| North Sulawesi | 51.2 | 33.8 | 0.2 | 413 |
| Central Sulawesi | 62.1 | 25.1 | 0.1 | 614 |
| South Sulawesi | 60.9 | 20.8 | 0.2 | 1,889 |
| Southeast Sulawesi | 48.3 | 28.2 | 0.2 | 449 |
| Gorontalo | 73.7 | 20.9 | 0.1 | 284 |
| West Sulawesi | 69.5 | 19.9 | 0.1 | 339 |
| Maluku | 35.9 | 33.5 | 0.3 | 273 |
| North Maluku | 50.7 | 35.0 | 0.1 | 211 |
| West Papua | 49.7 | 26.9 | 0.2 | 81 |
| Southwest Papua | 39.8 | 32.6 | 0.3 | 77 |
| Papua | 47.4 | 37.5 | 0.2 | 200 |
| South Papua | 65.9 | 25.7 | 0.1 | 94 |
| Central Papua | 51.7 | 28.5 | 0.2 | 77 |
| Highland Papua | 61.7 | 28.0 | 0.1 | 74 |
| INDONESIA | 64.0 | 21.2 | 0.1 | 55,327 |

Table 13.8 Proportion of Completeness of KIA Book Entries for Newborn History in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Completeness of Newborn History Entries (%) | | | Weighted N |
|--|---|----------------------|----------------|------------|
| | Fully filled out | Partially filled out | Not filled out | |
| Age Group | | | | |
| 0-5 months | 66.8 | 19.2 | 14.0 | 5,108 |
| 6-11 months | 63.1 | 22.6 | 14.3 | 5,511 |
| 12-23 months | 63.6 | 21.5 | 14.9 | 11,396 |
| 24-35 months | 63.6 | 21.9 | 14.6 | 11,391 |
| 36-47 months | 64.5 | 20.4 | 15.0 | 11,516 |
| 48-59 months | 63.7 | 21.4 | 14.9 | 10,405 |
| Sex | | | | |
| Male | 63.7 | 21.2 | 15.1 | 28,232 |
| Female | 64.4 | 21.2 | 14.4 | 27,095 |
| Head of Household Education | | | | |
| Never attended school | 65.0 | 21.6 | 13.4 | 900 |
| Some primary school/Islamic primary school | 66.5 | 21.5 | 12.0 | 1,775 |
| Primary school/Islamic primary school graduate | 66.4 | 20.3 | 13.3 | 9,552 |
| Junior secondary school/Islamic junior secondary school graduate | 64.6 | 21.9 | 13.5 | 11,262 |
| Senior secondary school/Islamic senior secondary school graduate | 62.9 | 21.2 | 15.8 | 23,293 |
| D1/D2/D3/university graduate | 63.1 | 21.2 | 15.7 | 8,545 |
| Head of Household Occupation | | | | |
| Unemployed | 63.9 | 21.6 | 14.5 | 1,349 |
| Student | 58.4 | 25.2 | 16.4 | 135 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 64.5 | 19.8 | 15.7 | 2,929 |
| Private employee | 63.2 | 20.7 | 16.1 | 13,221 |
| Self-employed | 64.8 | 21.0 | 14.2 | 16,084 |
| Farmer/farm laborer | 65.3 | 22.3 | 12.3 | 9,873 |
| Fisher | 62.1 | 22.9 | 15.0 | 962 |
| Laborer/driver/domestic help | 62.7 | 21.4 | 16.0 | 8,315 |
| Others | 63.7 | 21.8 | 14.6 | 2,458 |
| Residence | | | | |
| Urban | 62.8 | 20.9 | 16.3 | 32,421 |
| Rural | 65.9 | 21.7 | 12.5 | 22,906 |
| Economic Status | | | | |
| Lowest | 61.8 | 23.6 | 14.6 | 5,998 |
| Lower middle | 65.2 | 21.7 | 13.1 | 9,432 |
| Middle | 66.2 | 20.4 | 13.4 | 11,847 |
| Upper middle | 64.9 | 20.1 | 15.0 | 13,703 |
| Highest | 61.7 | 21.7 | 16.7 | 14,346 |

Table 13.9 Proportion of Completeness of KIA Book Entries for Health Examination History During Illness in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Completeness of Health Examination During Illness (%) | | | Weighted N |
|--------------------|---|----------------------|----------------|---------------|
| | Fully filled out | Partially filled out | Not filled out | |
| Aceh | 23.3 | 51.9 | 24.8 | 892 |
| North Sumatra | 22.6 | 48.5 | 28.9 | 2,014 |
| West Sumatra | 28.4 | 38.7 | 32.9 | 1,037 |
| Riau | 22.7 | 52.8 | 24.5 | 811 |
| Jambi | 42.4 | 39.4 | 18.3 | 703 |
| South Sumatra | 21.2 | 48.6 | 30.2 | 1,274 |
| Bengkulu | 33.8 | 40.3 | 26.0 | 391 |
| Lampung | 32.3 | 38.9 | 28.8 | 2,091 |
| Bangka Belitung | 48.9 | 31.9 | 19.2 | 299 |
| Riau Islands | 35.0 | 35.2 | 29.8 | 448 |
| DKI Jakarta | 47.6 | 24.5 | 27.9 | 2,233 |
| West Java | 31.2 | 33.9 | 35.0 | 9,946 |
| Central Java | 40.7 | 31.1 | 28.3 | 8,416 |
| DI Yogyakarta | 41.2 | 27.8 | 30.9 | 785 |
| East Java | 47.5 | 29.4 | 23.1 | 8,421 |
| Banten | 26.1 | 44.9 | 29.0 | 2,347 |
| Bali | 55.6 | 25.6 | 18.8 | 913 |
| West Nusa Tenggara | 50.0 | 30.3 | 19.7 | 1,414 |
| East Nusa Tenggara | 44.3 | 36.5 | 19.2 | 1,318 |
| West Kalimantan | 37.1 | 36.9 | 26.0 | 1,167 |
| Central Kalimantan | 36.5 | 43.0 | 20.5 | 550 |
| South Kalimantan | 42.4 | 33.8 | 23.8 | 963 |
| East Kalimantan | 48.9 | 32.0 | 19.1 | 854 |
| North Kalimantan | 43.8 | 39.2 | 17.0 | 154 |
| North Sulawesi | 25.8 | 45.5 | 28.8 | 402 |
| Central Sulawesi | 33.1 | 40.4 | 26.5 | 612 |
| South Sulawesi | 33.4 | 39.0 | 27.6 | 1,866 |
| Southeast Sulawesi | 24.2 | 44.5 | 31.3 | 444 |
| Gorontalo | 45.6 | 30.8 | 23.6 | 281 |
| West Sulawesi | 39.8 | 36.6 | 23.6 | 308 |
| Maluku | 17.6 | 45.5 | 36.9 | 270 |
| North Maluku | 30.4 | 45.1 | 24.5 | 205 |
| West Papua | 28.6 | 35.4 | 35.9 | 81 |
| Southwest Papua | 17.9 | 45.5 | 36.6 | 76 |
| Papua | 28.7 | 47.2 | 24.0 | 198 |
| South Papua | 33.7 | 46.5 | 19.8 | 93 |
| Central Papua | 27.8 | 47.3 | 24.9 | 76 |
| Highland Papua | 30.7 | 55.5 | 13.8 | 71 |
| INDONESIA | 37.2 | 35.2 | 27.6 | 54,424 |

Table 13.10 Proportion of Completeness of KIA Book Entries for Health Examination History During Illness in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Completeness of Health Examination During Illness (%) | | | Weighted N |
|--|---|----------------------|----------------|------------|
| | Fully filled out | Partially filled out | Not filled out | |
| Age Group | | | | |
| 0-5 months | 37.3 | 34.4 | 28.3 | 4,895 |
| 6-11 months | 36.7 | 36.2 | 27.0 | 5,411 |
| 12-23 months | 37.2 | 35.6 | 27.1 | 11,252 |
| 24-35 months | 37.9 | 34.8 | 27.3 | 11,267 |
| 36-47 months | 36.5 | 35.3 | 28.2 | 11,344 |
| 48-59 months | 37.2 | 35.2 | 27.6 | 10,254 |
| Sex | | | | |
| Male | 37.1 | 35.3 | 27.6 | 27,753 |
| Female | 37.2 | 35.2 | 27.6 | 26,671 |
| Head of Household Education | | | | |
| Never attended school | 34.8 | 39.0 | 26.3 | 886 |
| Some primary school/Islamic primary school | 36.0 | 37.8 | 26.2 | 1,759 |
| Primary school/Islamic primary school graduate | 36.8 | 36.2 | 27.0 | 9,404 |
| Junior secondary school/Islamic junior secondary school graduate | 36.1 | 36.2 | 27.7 | 11,061 |
| Senior secondary school/Islamic senior secondary school graduate | 37.4 | 34.6 | 28.0 | 22,895 |
| D1/D2/D3/university graduate | 39.0 | 33.7 | 27.3 | 8,419 |
| Head of Household Occupation | | | | |
| Unemployed | 32.1 | 39.2 | 28.8 | 1,330 |
| Student | 29.0 | 42.7 | 28.3 | 139 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 40.8 | 32.0 | 27.2 | 2,882 |
| Private employee | 38.5 | 32.6 | 28.8 | 12,995 |
| Self-employed | 37.1 | 36.4 | 26.6 | 15,791 |
| Farmer/farm laborer | 37.9 | 37.1 | 24.9 | 9,744 |
| Fisher | 36.1 | 39.3 | 24.6 | 934 |
| Laborer/driver/domestic help | 33.4 | 34.8 | 31.7 | 8,184 |
| Others | 39.6 | 35.3 | 25.1 | 2,425 |
| Residence | | | | |
| Urban | 37.0 | 33.9 | 29.1 | 31,895 |
| Rural | 37.5 | 37.1 | 25.4 | 22,529 |
| Economic Status | | | | |
| Lowest | 34.1 | 38.3 | 27.6 | 5,920 |
| Lower middle | 35.6 | 37.2 | 27.2 | 9,279 |
| Middle | 38.1 | 35.8 | 26.1 | 11,617 |
| Upper middle | 37.6 | 34.2 | 28.2 | 13,517 |
| Highest | 38.3 | 33.2 | 28.5 | 14,090 |

Table 13.11 Proportion of Completeness of KIA Book Entries for Growth Monitoring in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Completeness of Growth Monitoring Entries (%) | | | Weighted N |
|--------------------|---|----------------------|----------------|---------------|
| | Fully filled out | Partially filled out | Not filled out | |
| Aceh | 47.6 | 40.4 | 12.1 | 889 |
| North Sumatra | 47.3 | 41.8 | 10.9 | 2,050 |
| West Sumatra | 48.6 | 34.4 | 17.0 | 1,037 |
| Riau | 48.4 | 40.6 | 11.0 | 815 |
| Jambi | 59.2 | 36.3 | 4.5 | 716 |
| South Sumatra | 47.6 | 39.5 | 13.0 | 1,294 |
| Bengkulu | 55.1 | 31.9 | 13.0 | 392 |
| Lampung | 56.8 | 32.5 | 10.7 | 2,090 |
| Bangka Belitung | 68.8 | 25.5 | 5.6 | 298 |
| Riau Islands | 63.7 | 28.0 | 8.3 | 447 |
| DKI Jakarta | 62.6 | 24.3 | 13.2 | 2,279 |
| West Java | 52.7 | 33.3 | 13.9 | 10,127 |
| Central Java | 68.3 | 21.7 | 9.9 | 8,618 |
| DI Yogyakarta | 68.0 | 22.2 | 9.9 | 791 |
| East Java | 75.1 | 18.4 | 6.5 | 8,518 |
| Banten | 55.6 | 32.4 | 12.0 | 2,348 |
| Bali | 76.7 | 16.4 | 6.9 | 920 |
| West Nusa Tenggara | 71.5 | 23.1 | 5.3 | 1,416 |
| East Nusa Tenggara | 69.5 | 22.1 | 8.3 | 1,333 |
| West Kalimantan | 54.8 | 33.2 | 12.0 | 1,175 |
| Central Kalimantan | 60.6 | 31.8 | 7.6 | 554 |
| South Kalimantan | 65.7 | 24.8 | 9.5 | 971 |
| East Kalimantan | 58.7 | 29.3 | 12.1 | 869 |
| North Kalimantan | 50.6 | 39.9 | 9.5 | 154 |
| North Sulawesi | 52.0 | 36.7 | 11.3 | 414 |
| Central Sulawesi | 56.9 | 32.5 | 10.6 | 612 |
| South Sulawesi | 56.8 | 30.6 | 12.6 | 1,873 |
| Southeast Sulawesi | 55.6 | 32.4 | 12.1 | 447 |
| Gorontalo | 62.2 | 29.8 | 8.0 | 282 |
| West Sulawesi | 60.2 | 31.0 | 8.8 | 335 |
| Maluku | 55.3 | 29.8 | 14.9 | 272 |
| North Maluku | 47.7 | 38.6 | 13.7 | 211 |
| West Papua | 47.3 | 35.1 | 17.6 | 81 |
| Southwest Papua | 55.3 | 25.3 | 19.4 | 77 |
| Papua | 54.0 | 36.0 | 10.0 | 200 |
| South Papua | 41.9 | 43.7 | 14.4 | 94 |
| Central Papua | 58.2 | 33.0 | 8.8 | 77 |
| Highland Papua | 44.6 | 42.4 | 13.0 | 70 |
| INDONESIA | 61.2 | 28.1 | 10.6 | 55,145 |

Table 13.12 Proportion of Completeness of KIA Book Entries for Growth Monitoring in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Completeness of Growth Monitoring Entries (%) | | | Weighted N |
|--|---|----------------------|----------------|------------|
| | Fully filled out | Partially filled out | Not filled out | |
| Age Group | | | | |
| 0-5 months | 60.3 | 24.1 | 15.6 | 4,931 |
| 6-11 months | 64.5 | 25.9 | 9.6 | 5,511 |
| 12-23 months | 62.2 | 28.0 | 9.9 | 11,390 |
| 24-35 months | 60.5 | 28.3 | 11.2 | 11,400 |
| 36-47 months | 60.1 | 29.9 | 10.0 | 11,501 |
| 48-59 months | 61.0 | 29.4 | 9.6 | 10,412 |
| Sex | | | | |
| Male | 61.1 | 28.0 | 10.9 | 28,117 |
| Female | 61.4 | 28.3 | 10.3 | 27,028 |
| Head of Household Education | | | | |
| Never attended school | 58.7 | 29.6 | 11.7 | 893 |
| Some primary school/Islamic primary school | 61.0 | 28.4 | 10.6 | 1,767 |
| Primary school/Islamic primary school graduate | 61.6 | 27.8 | 10.6 | 9,530 |
| Junior secondary school/Islamic junior secondary school graduate | 61.3 | 29.0 | 9.7 | 11,224 |
| Senior secondary school/Islamic senior secondary school graduate | 61.3 | 27.7 | 11.0 | 23,217 |
| D1/D2/D3/university graduate | 60.8 | 28.3 | 10.8 | 8,513 |
| Head of Household Occupation | | | | |
| Unemployed | 59.8 | 30.4 | 9.9 | 1,339 |
| Student | 46.8 | 49.0 | 4.2 | 137 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 62.9 | 25.8 | 11.3 | 2,904 |
| Private employee | 61.7 | 27.6 | 10.7 | 13,175 |
| Self-employed | 61.4 | 28.1 | 10.5 | 16,036 |
| Farmer/farm laborer | 62.4 | 28.5 | 9.2 | 9,844 |
| Fisher | 57.2 | 32.2 | 10.5 | 960 |
| Laborer/driver/domestic help | 58.9 | 28.8 | 12.3 | 8,296 |
| Others | 62.5 | 26.7 | 10.8 | 2,453 |
| Residence | | | | |
| Urban | 60.0 | 28.5 | 11.5 | 32,288 |
| Rural | 63.0 | 27.7 | 9.3 | 22,857 |
| Economic Status | | | | |
| Lowest | 60.3 | 28.3 | 11.4 | 5,991 |
| Lower middle | 61.4 | 29.2 | 9.4 | 9,409 |
| Middle | 63.5 | 27.0 | 9.5 | 11,820 |
| Upper middle | 61.6 | 27.9 | 10.5 | 13,657 |
| Highest | 59.3 | 28.6 | 12.1 | 14,268 |

Table 13.13 Proportion of Completeness of KIA Book Entries for Development Monitoring (SDIDTK) in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Completeness of Development Monitoring Entries (%) | | | Weighted N |
|--------------------|--|----------------------|----------------|---------------|
| | Fully filled out | Partially filled out | Not filled out | |
| Aceh | 29.3 | 53.1 | 17.6 | 885 |
| North Sumatra | 30.3 | 48.7 | 21.0 | 2,049 |
| West Sumatra | 27.4 | 39.0 | 33.6 | 1,036 |
| Riau | 28.9 | 49.2 | 21.9 | 816 |
| Jambi | 43.6 | 43.5 | 12.9 | 713 |
| South Sumatra | 31.1 | 45.1 | 23.8 | 1,274 |
| Bengkulu | 36.3 | 43.0 | 20.8 | 387 |
| Lampung | 31.9 | 41.9 | 26.2 | 2,041 |
| Bangka Belitung | 51.2 | 33.6 | 15.2 | 297 |
| Riau Islands | 40.6 | 41.3 | 18.1 | 446 |
| DKI Jakarta | 39.3 | 30.9 | 29.8 | 2,273 |
| West Java | 26.1 | 36.3 | 37.7 | 10,041 |
| Central Java | 31.5 | 34.7 | 33.8 | 8,557 |
| DI Yogyakarta | 27.0 | 30.7 | 42.3 | 786 |
| East Java | 37.8 | 36.0 | 26.2 | 8,471 |
| Banten | 31.4 | 42.2 | 26.4 | 2,325 |
| Bali | 37.6 | 36.0 | 26.4 | 915 |
| West Nusa Tenggara | 33.2 | 40.4 | 26.4 | 1,411 |
| East Nusa Tenggara | 37.9 | 40.3 | 21.9 | 1,323 |
| West Kalimantan | 39.2 | 35.0 | 25.8 | 1,171 |
| Central Kalimantan | 39.6 | 41.7 | 18.7 | 552 |
| South Kalimantan | 41.2 | 37.6 | 21.2 | 964 |
| East Kalimantan | 39.3 | 37.0 | 23.7 | 870 |
| North Kalimantan | 31.9 | 45.8 | 22.3 | 154 |
| North Sulawesi | 30.5 | 46.2 | 23.4 | 407 |
| Central Sulawesi | 33.2 | 40.8 | 26.0 | 608 |
| South Sulawesi | 30.6 | 37.5 | 32.0 | 1,856 |
| Southeast Sulawesi | 27.0 | 42.0 | 31.0 | 440 |
| Gorontalo | 39.7 | 33.5 | 26.8 | 281 |
| West Sulawesi | 30.3 | 37.4 | 32.3 | 333 |
| Maluku | 29.6 | 41.2 | 29.2 | 269 |
| North Maluku | 34.9 | 42.1 | 23.1 | 210 |
| West Papua | 26.7 | 39.3 | 33.9 | 81 |
| Southwest Papua | 28.8 | 44.5 | 26.7 | 77 |
| Papua | 35.4 | 39.4 | 25.2 | 200 |
| South Papua | 25.9 | 50.0 | 24.1 | 92 |
| Central Papua | 42.3 | 37.7 | 19.9 | 77 |
| Highland Papua | 43.0 | 42.6 | 14.4 | 71 |
| INDONESIA | 32.8 | 38.1 | 29.1 | 54,760 |

Table 13.14 Proportion of Completeness of KIA Book Entries for Development Monitoring (SDIDTK) in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Completeness of Development Monitoring Entries (%) | | | Weighted N |
|--|--|----------------------|----------------|------------|
| | Fully filled out | Partially filled out | Not filled out | |
| Age Group | | | | |
| 0-5 months | 32.7 | 36.6 | 30.6 | 4,831 |
| 6-11 months | 33.5 | 37.5 | 28.9 | 5,478 |
| 12-23 months | 32.8 | 38.8 | 28.4 | 11,335 |
| 24-35 months | 32.7 | 38.1 | 29.2 | 11,339 |
| 36-47 months | 32.0 | 38.6 | 29.4 | 11,422 |
| 48-59 months | 33.2 | 37.7 | 29.1 | 10,356 |
| Sex | | | | |
| Male | 32.5 | 38.1 | 29.4 | 27,950 |
| Female | 33.1 | 38.1 | 28.9 | 26,810 |
| Head of Household Education | | | | |
| Never attended school | 32.7 | 35.0 | 32.3 | 883 |
| Some primary school/Islamic primary school | 32.7 | 40.0 | 27.3 | 1,763 |
| Primary school/Islamic primary school graduate | 33.1 | 38.6 | 28.3 | 9,478 |
| Junior secondary school/Islamic junior secondary school graduate | 32.4 | 38.7 | 28.9 | 11,131 |
| Senior secondary school/Islamic senior secondary school graduate | 32.6 | 37.7 | 29.7 | 23,057 |
| D1/D2/D3/university graduate | 33.1 | 37.7 | 29.1 | 8,448 |
| Head of Household Occupation | | | | |
| Unemployed | 27.1 | 43.7 | 29.1 | 1,332 |
| Student | 20.7 | 49.3 | 30.0 | 137 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 36.1 | 34.7 | 29.2 | 2,877 |
| Private employee | 31.5 | 36.9 | 31.5 | 13,105 |
| Self-employed | 34.3 | 39.0 | 26.7 | 15,905 |
| Farmer/farm laborer | 34.7 | 39.8 | 25.5 | 9,767 |
| Fisher | 35.2 | 38.0 | 26.9 | 949 |
| Laborer/driver/domestic help | 28.8 | 36.6 | 34.7 | 8,253 |
| Others | 34.0 | 37.2 | 28.9 | 2,435 |
| Residence | | | | |
| Urban | 31.6 | 37.3 | 31.1 | 32,078 |
| Rural | 34.4 | 39.2 | 26.4 | 22,682 |
| Economic Status | | | | |
| Lowest | 32.1 | 39.4 | 28.5 | 5,961 |
| Lower middle | 32.2 | 38.5 | 29.3 | 9,325 |
| Middle | 33.0 | 39.5 | 27.5 | 11,750 |
| Upper middle | 33.5 | 37.2 | 29.2 | 13,567 |
| Highest | 32.5 | 36.9 | 30.6 | 14,156 |

Table 13.15 Proportion of Utilization of KIA Book for Growth and Development Information in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Utilization of KIA Book (%) | | Weighted N |
|--------------------|-----------------------------|-------------|---------------|
| | Yes | No | |
| Aceh | 61.5 | 38.5 | 1,693 |
| North Sumatra | 67.9 | 32.1 | 4,382 |
| West Sumatra | 71.3 | 28.7 | 1,817 |
| Riau | 58.2 | 41.8 | 1,934 |
| Jambi | 72.3 | 27.7 | 1,158 |
| South Sumatra | 67.9 | 32.1 | 2,564 |
| Bengkulu | 69.4 | 30.6 | 659 |
| Lampung | 74.6 | 25.4 | 2,901 |
| Bangka Belitung | 80.0 | 20.0 | 460 |
| Riau Islands | 74.3 | 25.7 | 646 |
| DKI Jakarta | 79.8 | 20.2 | 2,805 |
| West Java | 68.6 | 31.4 | 14,275 |
| Central Java | 84.2 | 15.8 | 10,415 |
| DI Yogyakarta | 87.0 | 13.0 | 908 |
| East Java | 83.8 | 16.2 | 10,696 |
| Banten | 66.4 | 33.6 | 3,567 |
| Bali | 89.1 | 10.9 | 1,139 |
| West Nusa Tenggara | 73.8 | 26.2 | 1,860 |
| East Nusa Tenggara | 77.0 | 23.0 | 2,075 |
| West Kalimantan | 76.6 | 23.4 | 1,762 |
| Central Kalimantan | 74.6 | 25.4 | 867 |
| South Kalimantan | 77.3 | 22.7 | 1,322 |
| East Kalimantan | 77.8 | 22.2 | 1,204 |
| North Kalimantan | 70.9 | 29.1 | 232 |
| North Sulawesi | 74.9 | 25.1 | 723 |
| Central Sulawesi | 74.0 | 26.0 | 985 |
| South Sulawesi | 69.9 | 30.1 | 2,793 |
| Southeast Sulawesi | 63.1 | 36.9 | 887 |
| Gorontalo | 73.6 | 26.4 | 388 |
| West Sulawesi | 72.3 | 27.7 | 517 |
| Maluku | 70.9 | 29.1 | 540 |
| North Maluku | 78.0 | 22.0 | 393 |
| West Papua | 66.3 | 33.7 | 173 |
| Southwest Papua | 60.9 | 39.1 | 170 |
| Papua | 75.4 | 24.6 | 371 |
| South Papua | 48.9 | 51.1 | 238 |
| Central Papua | 50.7 | 49.3 | 300 |
| Highland Papua | 65.7 | 34.3 | 286 |
| INDONESIA | 74.4 | 25.6 | 80,101 |

Table 13.16 Proportion of Utilization of KIA Book for Growth and Development Information in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Utilization of KIA Book (%) | | Weighted N |
|--|-----------------------------|------|------------|
| | Yes | No | |
| Age Group | | | |
| 0-5 months | 80.4 | 19.6 | 6,139 |
| 6-11 months | 78.1 | 21.9 | 6,882 |
| 12-23 months | 75.7 | 24.3 | 15,167 |
| 24-35 months | 73.7 | 26.3 | 16,406 |
| 36-47 months | 73.4 | 26.6 | 17,618 |
| 48-59 months | 71.5 | 28.5 | 17,888 |
| Sex | | | |
| Male | 74.3 | 25.7 | 40,897 |
| Female | 74.5 | 25.5 | 39,204 |
| Head of Household Education | | | |
| Never attended school | 68.3 | 31.7 | 1,491 |
| Some primary school/Islamic primary school | 72.7 | 27.3 | 2,689 |
| Primary school/Islamic primary school graduate | 72.2 | 27.8 | 13,691 |
| Junior secondary school/Islamic junior secondary school graduate | 74.5 | 25.5 | 15,930 |
| Senior secondary school/Islamic senior secondary school graduate | 75.0 | 25.0 | 33,577 |
| D1/D2/D3/university graduate | 76.1 | 23.9 | 12,723 |
| Head of Household Occupation | | | |
| Unemployed | 72.9 | 27.1 | 2,019 |
| Student | 64.6 | 35.4 | 185 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 77.3 | 22.7 | 4,575 |
| Private employee | 75.6 | 24.4 | 18,222 |
| Self-employed | 75.0 | 25.0 | 23,344 |
| Farmer/farm laborer | 73.3 | 26.7 | 15,157 |
| Fisher | 67.9 | 32.1 | 1,548 |
| Laborer/driver/domestic help | 72.6 | 27.4 | 11,460 |
| Others | 75.0 | 25.0 | 3,590 |
| Residence | | | |
| Urban | 74.2 | 25.8 | 46,058 |
| Rural | 74.7 | 25.3 | 34,043 |
| Economic Status | | | |
| Lowest | 70.3 | 29.7 | 9,436 |
| Lower middle | 74.3 | 25.7 | 13,601 |
| Middle | 74.7 | 25.3 | 16,797 |
| Upper middle | 75.7 | 24.3 | 19,608 |
| Highest | 74.8 | 25.2 | 20,657 |

13.2 AGE OF PREGNANCY AT CHILD'S BIRTH

The age of pregnancy at childbirth is obtained based on records in the KIA book or other documents, as well as respondent's acknowledgment based on memory. This information is presented in 3 categories: premature (<37 weeks), full term (37-42 weeks), and overdue (>42 weeks).

$$\text{Proportion of pregnancy age based on category} = \frac{\text{Number of children aged 0-59 months born at a certain gestational age according to category}}{\text{Number of children aged 0-59 months}} \times 100\%$$

Table 13.17 Proportion of Birth History based on Mother's Pregnancy Age at Childbirth in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Category of pregnancy age at childbirth (%) | | | | Weighted N |
|--------------------|---|---------------|------------|------------|---------------|
| | < 37 weeks | 37 – 42 weeks | > 42 weeks | Unknown | |
| Aceh | 29.5 | 63.7 | 4.2 | 2.5 | 1,928 |
| North Sumatra | 36.9 | 53.8 | 4.8 | 4.5 | 5,423 |
| West Sumatra | 8.4 | 82.9 | 5.8 | 2.9 | 1,907 |
| Riau | 10.1 | 83.2 | 3.7 | 3.0 | 2,289 |
| Jambi | 7.2 | 84.4 | 4.7 | 3.7 | 1,228 |
| South Sumatra | 18.3 | 76.8 | 2.9 | 2.0 | 2,854 |
| Bengkulu | 8.1 | 86.1 | 4.7 | 1.1 | 693 |
| Lampung | 6.4 | 85.3 | 4.9 | 3.4 | 3,021 |
| Bangka Belitung | 12.0 | 77.9 | 5.5 | 4.6 | 488 |
| Riau Islands | 8.7 | 84.2 | 6.0 | 1.1 | 737 |
| DKI Jakarta | 7.9 | 85.2 | 5.2 | 1.6 | 2,887 |
| West Java | 10.5 | 79.8 | 7.1 | 2.6 | 15,280 |
| Central Java | 5.6 | 83.6 | 8.0 | 2.8 | 10,698 |
| DI Yogyakarta | 4.9 | 84.6 | 8.2 | 2.3 | 930 |
| East Java | 6.9 | 82.7 | 7.9 | 2.4 | 11,043 |
| Banten | 6.7 | 83.5 | 6.1 | 3.6 | 3,817 |
| Bali | 3.7 | 89.0 | 5.6 | 1.7 | 1,203 |
| West Nusa Tenggara | 5.0 | 81.2 | 9.4 | 4.4 | 1,951 |
| East Nusa Tenggara | 7.8 | 77.4 | 5.7 | 9.1 | 2,189 |
| West Kalimantan | 5.6 | 83.4 | 5.6 | 5.4 | 1,891 |
| Central Kalimantan | 6.2 | 82.9 | 5.7 | 5.2 | 921 |
| South Kalimantan | 5.4 | 85.0 | 4.6 | 5.0 | 1,387 |
| East Kalimantan | 6.4 | 84.9 | 6.1 | 2.6 | 1,245 |
| North Kalimantan | 3.1 | 90.2 | 4.9 | 1.7 | 245 |
| North Sulawesi | 17.1 | 71.8 | 5.8 | 5.3 | 764 |
| Central Sulawesi | 15.4 | 72.0 | 5.4 | 7.2 | 1,042 |
| South Sulawesi | 14.2 | 75.0 | 6.9 | 3.9 | 2,985 |
| Southeast Sulawesi | 13.6 | 74.9 | 6.8 | 4.7 | 1,017 |
| Gorontalo | 6.6 | 82.4 | 4.1 | 6.8 | 400 |
| West Sulawesi | 6.6 | 81.3 | 9 | 3.1 | 537 |
| Maluku | 27.9 | 59.3 | 2.8 | 10.0 | 681 |
| North Maluku | 20.3 | 68.0 | 3.5 | 8.2 | 476 |
| West Papua | 14.2 | 56.0 | 3.1 | 26.6 | 212 |
| Southwest Papua | 34.3 | 53.7 | 4.7 | 7.4 | 229 |
| Papua | 10.7 | 67.7 | 8.6 | 13.0 | 432 |
| South Papua | 6.9 | 61.9 | 2.0 | 29.1 | 287 |
| Central Papua | 8.3 | 48.2 | 8.0 | 35.6 | 467 |
| Highland Papua | 21.2 | 24.0 | 4.3 | 50.5 | 449 |
| INDONESIA | 11.1 | 78.5 | 6.3 | 4.0 | 86,231 |

Table 13.18 Birth History based on Mother's Pregnancy Age at Childbirth in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Category of pregnancy age at childbirth (%) | | | | Weighted N |
|--|---|---------------|------------|---------|------------|
| | < 37 weeks | 37 – 42 weeks | > 42 weeks | Unknown | |
| Age Group | | | | | |
| 0-5 months | 10.4 | 81.1 | 6.7 | 1.7 | 6,645 |
| 6-11 months | 11.3 | 79.5 | 6.6 | 2.6 | 7,365 |
| 12-23 months | 11.7 | 78.6 | 6.5 | 3.3 | 16,228 |
| 24-35 months | 10.3 | 78.9 | 6.8 | 4.0 | 17,570 |
| 36-47 months | 11.0 | 78.7 | 5.8 | 4.5 | 19,028 |
| 48-59 months | 11.7 | 76.8 | 6.2 | 5.4 | 19,396 |
| Sex | | | | | |
| Male | 11.5 | 77.9 | 6.4 | 4.2 | 44,035 |
| Female | 10.7 | 79.2 | 6.3 | 3.8 | 42,196 |
| Head of Household Education | | | | | |
| Never attended school | 10.4 | 67.5 | 6.3 | 15.7 | 1,794 |
| Some primary school/Islamic primary school | 10.3 | 77.7 | 5.8 | 6.2 | 2,993 |
| Primary school/Islamic primary school graduate | 10.5 | 77.7 | 6.6 | 5.2 | 14,701 |
| Junior secondary school/Islamic junior secondary school graduate | 11.1 | 79.2 | 6.2 | 3.5 | 17,026 |
| Senior secondary school/Islamic senior secondary school graduate | 11.6 | 78.6 | 6.5 | 3.3 | 35,991 |
| D1/D2/D3/university graduate | 10.7 | 80.0 | 6.1 | 3.2 | 13,725 |
| Head of Household Occupation | | | | | |
| Unemployed | 13.1 | 72.2 | 5.8 | 8.8 | 2,226 |
| Student | 7.2 | 78.9 | 9.5 | 4.3 | 196 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 12.0 | 78.2 | 5.7 | 4.1 | 4,977 |
| Private employee | 8.7 | 82.4 | 6.5 | 2.4 | 19,332 |
| Self-employed | 11.5 | 78.4 | 6.8 | 3.3 | 25,062 |
| Farmer/farm laborer | 13.0 | 75.0 | 5.7 | 6.2 | 16,588 |
| Fisher | 15.6 | 72.5 | 4.7 | 7.3 | 1,763 |
| Laborer/driver/domestic help | 10.2 | 79.8 | 6.7 | 3.3 | 12,205 |
| Others | 11.4 | 78.1 | 6.1 | 4.4 | 3,882 |
| Residence | | | | | |
| Urban | 10.6 | 79.8 | 6.6 | 3.1 | 49,430 |
| Rural | 11.8 | 76.9 | 6.1 | 5.2 | 36,801 |
| Economic Status | | | | | |
| Lowest | 13.2 | 71.7 | 5.7 | 9.4 | 10,761 |
| Lower middle | 12.5 | 76.3 | 6.6 | 4.6 | 14,583 |
| Middle | 10.4 | 79.8 | 6.3 | 3.4 | 17,836 |
| Upper middle | 11.0 | 79.7 | 6.6 | 2.8 | 20,759 |
| Highest | 9.9 | 81.3 | 6.3 | 2.6 | 22,290 |

13.3 NEWBORN HEALTHCARE SERVICES (NEONATAL VISITS)

A. Standard-compliant neonatal visits, based on quantity and quality

Neonatal visits are visits for newborns aged 0-28 days to **receive standard neonatal care**. The standard referred to comprises both **quantity** and **quality** standards. The quantity standard requires at least three visits with a distribution of one visit within 6-48 hours, one visit on days 3-7, and one visit on days 8-28 after birth. Meanwhile, the quality standard includes:

- a. Counseling on newborn care and exclusive breastfeeding.
- b. Health examination using the MTBM approach.
- c. Provision of vitamin K1 for babies born outside health facilities or who have not received vitamin K1 injection.
- d. Hepatitis B immunization injection for infants aged <24 hours who were not assisted by healthcare providers during delivery.
- e. Management and referral of neonatal complication cases.

The Neonatal Visit Coverage Indicator in the Ministry of Health's Strategic Plan for 2020-2024 is a new indicator, developed from the Percentage Coverage of First Neonatal Visits (KN1) in the Ministry of Health's Strategic Plan for 2015-2019.

$$\text{Standard-compliant neonatal visits} = \frac{\text{Number of infants receiving neonatal care according to quantity and quality standards}}{\text{Total number of infants}} \times 100\%$$

B. Neonatal visits based on examining personnel

In 2023 SKI, information is requested regarding the healthcare personnel providing services at each neonatal visit.

C. Neonatal visits based on type of healthcare facility

In 2023 SKI, information is requested regarding the location where neonatal care is received at each neonatal examination visit.

D. Types of standard-compliant neonatal services

The points queried pertain to the types of services that should be provided during neonatal visits (0-28 days) according to standards, including:

- a. Weighing
- b. Measuring length
- c. Body temperature measurement
- d. Umbilical cord care
- e. Administration of Hb-O immunization
- f. Administration of vitamin K
- g. Application of eye ointment
- h. Inquiring about health status
- i. Advising on breastfeeding techniques
- j. Inquiring about breastfeeding issues
- k. Inquiring about diarrhea
- l. Informing about signs of danger in infants

E. Umbilical cord care

Specifically, questions were also asked about the care provided for the umbilical cord. According to the Normal Delivery Care (APN), the correct way to care for a newborn's umbilical cord is to not apply anything to it after it has been cut and tied. Information on how to care for the umbilical cord was obtained from respondent self-reports.

Table 13.19 Proportion of History of Neonatal Visit 1 (6-48 Hours) in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Neonatal Visit 1 (6-48 Hours) (%) | | | Weighted N |
|--------------------|-----------------------------------|------------|------------|---------------|
| | Yes | No | Unknown | |
| Aceh | 88.5 | 7.4 | 4.0 | 1,927 |
| North Sumatra | 87.6 | 5.8 | 6.6 | 5,421 |
| West Sumatra | 92.7 | 4.5 | 2.8 | 1,906 |
| Riau | 88.1 | 7.8 | 4.1 | 2,286 |
| Jambi | 91.7 | 4.7 | 3.6 | 1,228 |
| South Sumatra | 86.8 | 9.5 | 3.7 | 2,853 |
| Bengkulu | 89.7 | 7.4 | 2.9 | 693 |
| Lampung | 92.7 | 4.5 | 2.8 | 3,019 |
| Bangka Belitung | 89.0 | 8.5 | 2.5 | 488 |
| Riau Islands | 93.7 | 4.9 | 1.5 | 737 |
| DKI Jakarta | 88.6 | 8.1 | 3.3 | 2,887 |
| West Java | 89.0 | 8.5 | 2.5 | 15,278 |
| Central Java | 90.4 | 7.3 | 2.3 | 10,697 |
| DI Yogyakarta | 93.1 | 4.6 | 2.2 | 930 |
| East Java | 89.5 | 8.3 | 2.2 | 11,038 |
| Banten | 88.1 | 8.1 | 3.8 | 3,817 |
| Bali | 95.6 | 3.4 | 1.0 | 1,203 |
| West Nusa Tenggara | 88.8 | 9.2 | 1.9 | 1,951 |
| East Nusa Tenggara | 82.0 | 9.7 | 8.4 | 2,188 |
| West Kalimantan | 84.6 | 10.6 | 4.8 | 1,891 |
| Central Kalimantan | 81.7 | 13.3 | 5.0 | 921 |
| South Kalimantan | 90.0 | 6.6 | 3.3 | 1,386 |
| East Kalimantan | 85.6 | 9.9 | 4.5 | 1,245 |
| North Kalimantan | 84.7 | 9.6 | 5.8 | 245 |
| North Sulawesi | 84.0 | 8.0 | 8.0 | 764 |
| Central Sulawesi | 83.2 | 10.8 | 6.0 | 1,040 |
| South Sulawesi | 87.7 | 6.9 | 5.4 | 2,982 |
| Southeast Sulawesi | 84.8 | 10.4 | 4.7 | 1,017 |
| Gorontalo | 81.0 | 12.7 | 6.3 | 400 |
| West Sulawesi | 82.4 | 11.5 | 6.1 | 537 |
| Maluku | 65.8 | 28.1 | 6.0 | 680 |
| North Maluku | 78.1 | 14.0 | 7.9 | 476 |
| West Papua | 62.3 | 20.3 | 17.4 | 212 |
| Southwest Papua | 64.8 | 25.9 | 9.3 | 229 |
| Papua | 71.8 | 14.6 | 13.6 | 432 |
| South Papua | 57.9 | 32.9 | 9.2 | 287 |
| Central Papua | 37.8 | 28.0 | 34.3 | 466 |
| Highland Papua | 30.7 | 48.7 | 20.6 | 449 |
| INDONESIA | 87.6 | 8.5 | 3.9 | 86,205 |

Table 13.20 Proportion of First Neonatal Visit History (6-48 Hours) in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | First Neonatal Visit (6-48 hours) (%) | | | Weighted N |
|--|---------------------------------------|------|---------|------------|
| | Yes | No | Unknown | |
| Age Group | | | | |
| 0-5 months | 90.7 | 7.8 | 1.5 | 6,626 |
| 6-11 months | 89.3 | 8.3 | 2.4 | 7,364 |
| 12-23 months | 88.2 | 8.6 | 3.3 | 16,227 |
| 24-35 months | 87.8 | 8.5 | 3.7 | 17,569 |
| 36-47 months | 87.2 | 8.7 | 4.1 | 19,027 |
| 48-59 months | 85.6 | 8.7 | 5.7 | 19,394 |
| Sex | | | | |
| Male | 87.6 | 8.5 | 3.9 | 44,018 |
| Female | 87.6 | 8.6 | 3.8 | 42,190 |
| Head of Household Education | | | | |
| Never attended school | 69.3 | 20.7 | 10.0 | 1,794 |
| Some primary school/Islamic primary school | 81.4 | 13.2 | 5.4 | 2,993 |
| Primary school/Islamic primary school graduate | 84.4 | 11.1 | 4.5 | 14,698 |
| Junior secondary school/Islamic junior secondary school graduate | 87.2 | 9.0 | 3.8 | 17,020 |
| Senior secondary school/Islamic senior secondary school graduate | 89.2 | 7.4 | 3.4 | 35,984 |
| D1/D2/D3/university graduate | 91.2 | 5.5 | 3.4 | 13,719 |
| Head of Household Occupation | | | | |
| Unemployed | 80.0 | 12.1 | 7.9 | 2,226 |
| Student | 88.4 | 4.0 | 7.6 | 196 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 88.9 | 6.8 | 4.2 | 4,975 |
| Private employee | 90.9 | 6.5 | 2.6 | 19,330 |
| Self-employed | 88.7 | 7.7 | 3.7 | 25,055 |
| Farmer/farm laborer | 83.6 | 11.3 | 5.1 | 16,583 |
| Fisher | 79.8 | 14.0 | 6.2 | 1,762 |
| Laborer/driver/domestic help | 87.4 | 9.3 | 3.3 | 12,201 |
| Others | 88.6 | 7.4 | 4.0 | 3,881 |
| Residence | | | | |
| Urban | 89.3 | 7.1 | 3.6 | 49,416 |
| Rural | 85.3 | 10.4 | 4.3 | 36,792 |
| Economic Status | | | | |
| Lowest | 77.4 | 15.6 | 7.0 | 10,757 |
| Lower middle | 85.8 | 9.9 | 4.3 | 14,578 |
| Middle | 88.2 | 8.0 | 3.9 | 17,829 |
| Upper middle | 89.7 | 7.4 | 2.9 | 20,757 |
| Highest | 91.2 | 5.8 | 3.0 | 22,285 |

Table 13.21 Proportion of Second Neonatal Visit History (3-7 Days) in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Second Neonatal Visit (3-7 days) (%) | | | Weighted N |
|--------------------|--------------------------------------|-------------|------------|--------------|
| | Yes | No | Unknown | |
| Aceh | 68.2 | 27.3 | 4.5 | 1915 |
| North Sumatra | 65.4 | 25.9 | 8.7 | 5369 |
| West Sumatra | 58.8 | 38.0 | 3.2 | 1883 |
| Riau | 57.1 | 37.5 | 5.5 | 2277 |
| Jambi | 65.6 | 29.1 | 5.3 | 1224 |
| South Sumatra | 54.3 | 41.2 | 4.5 | 2830 |
| Bengkulu | 67.7 | 29.3 | 3.0 | 689 |
| Lampung | 75.1 | 21.3 | 3.6 | 3010 |
| Bangka Belitung | 58.2 | 38.9 | 2.9 | 487 |
| Riau Islands | 57.9 | 40.3 | 1.7 | 733 |
| DKI Jakarta | 80.1 | 16.7 | 3.3 | 2871 |
| West Java | 78.0 | 19.6 | 2.5 | 15183 |
| Central Java | 74.2 | 22.9 | 2.9 | 10626 |
| DI Yogyakarta | 80.5 | 16.5 | 3.0 | 927 |
| East Java | 77.5 | 19.7 | 2.8 | 10992 |
| Banten | 69.2 | 27.1 | 3.7 | 3775 |
| Bali | 80.3 | 18.4 | 1.3 | 1199 |
| West Nusa Tenggara | 72.9 | 24.9 | 2.2 | 1944 |
| East Nusa Tenggara | 63.4 | 28.2 | 8.5 | 2150 |
| West Kalimantan | 44.8 | 49.7 | 5.5 | 1866 |
| Central Kalimantan | 59.9 | 34.0 | 6.2 | 915 |
| South Kalimantan | 70.3 | 25.9 | 3.8 | 1376 |
| East Kalimantan | 46.6 | 45.7 | 7.8 | 1240 |
| North Kalimantan | 65.2 | 27.4 | 7.4 | 243 |
| North Sulawesi | 51.9 | 37.9 | 10.2 | 754 |
| Central Sulawesi | 56.1 | 37.8 | 6.1 | 1022 |
| South Sulawesi | 44.6 | 48.2 | 7.2 | 2968 |
| Southeast Sulawesi | 47.6 | 47.3 | 5.1 | 1001 |
| Gorontalo | 47.3 | 44.4 | 8.4 | 396 |
| West Sulawesi | 54.0 | 40.5 | 5.5 | 526 |
| Maluku | 36.5 | 56.7 | 6.8 | 673 |
| North Maluku | 47.7 | 43.1 | 9.1 | 471 |
| West Papua | 36.2 | 43.7 | 20.1 | 208 |
| Southwest Papua | 30.4 | 60.8 | 8.8 | 224 |
| Papua | 47.2 | 37.2 | 15.6 | 429 |
| South Papua | 29.1 | 61.3 | 9.7 | 282 |
| Central Papua | 17.8 | 51.4 | 30.7 | 422 |
| Highland Papua | 24.3 | 56.4 | 19.3 | 435 |
| INDONESIA | 67.9 | 27.7 | 4.5 | 85536 |

Table 13.22 Proportion of Second Neonatal Visit History (3-7 Days) in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Second Neonatal Visit (3-7 days) (%) | | | Weighted N |
|--|--------------------------------------|-------------|------------|---------------|
| | Yes | No | Unknown | |
| Age Group | | | | |
| 0-5 months | 67.7 | 30.2 | 2.1 | 6,501 |
| 6-11 months | 68.5 | 28.6 | 2.9 | 7,329 |
| 12-23 months | 68.0 | 28.4 | 3.6 | 16,112 |
| 24-35 months | 68.0 | 27.6 | 4.4 | 17,459 |
| 36-47 months | 68.1 | 27.1 | 4.8 | 18,911 |
| 48-59 months | 67.2 | 26.5 | 6.3 | 19,223 |
| Sex | | | | |
| Male | 67.7 | 27.9 | 4.5 | 43,659 |
| Female | 68.1 | 27.5 | 4.5 | 41,877 |
| Head of Household Education | | | | |
| Never attended school | 53.7 | 37.7 | 8.6 | 1,737 |
| Some primary school/Islamic primary school | 60.7 | 33.4 | 5.9 | 2,953 |
| Primary school/Islamic primary school graduate | 64.7 | 30.6 | 4.7 | 14,555 |
| Junior secondary school/Islamic junior secondary school graduate | 66.7 | 28.9 | 4.5 | 16,889 |
| Senior secondary school/Islamic senior secondary school graduate | 69.7 | 26.1 | 4.2 | 35,779 |
| D1/D2/D3/university graduate | 71.5 | 24.5 | 4.0 | 13,624 |
| Head of Household Occupation | | | | |
| Unemployed | 55.3 | 29.7 | 6.3 | 2,197 |
| Student | 58.0 | 15.9 | 4.1 | 195 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 66.7 | 25.0 | 4.1 | 4,918 |
| Private employee | 72.6 | 21.8 | 2.9 | 19,231 |
| Self-employed | 67.9 | 25.6 | 4.1 | 24,902 |
| Farmer/farm laborer | 60.7 | 31.7 | 5.2 | 16,406 |
| Fisher | 52.9 | 33.7 | 5.5 | 1,742 |
| Laborer/driver/domestic help | 66.2 | 27.2 | 2.9 | 12,087 |
| Others | 64.8 | 26.2 | 3.9 | 3,858 |
| Residence | | | | |
| Urban | 70.3 | 25.5 | 4.2 | 49,097 |
| Rural | 64.6 | 30.6 | 4.8 | 36,439 |
| Economic Status | | | | |
| Lowest | 56.9 | 36.5 | 6.7 | 10,566 |
| Lower middle | 64.6 | 30.4 | 5.0 | 14,460 |
| Middle | 68.3 | 27.1 | 4.7 | 17,703 |
| Upper middle | 69.3 | 27.1 | 3.5 | 20,633 |
| Highest | 73.6 | 22.6 | 3.8 | 22,171 |
| INDONESIA | 67.9 | 27.7 | 4.5 | 85,533 |

Table 13.23 Proportion of Third Neonatal Visit History (8-28 Days) in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Third Neonatal Visit (8-28 Days) (%) | | | Weighted N |
|--------------------|--------------------------------------|-------------|------------|---------------|
| | Yes | No | Unknown | |
| Aceh | 38.4 | 56.5 | 5.1 | 1,895 |
| North Sumatra | 27.9 | 61.6 | 10.5 | 5,308 |
| West Sumatra | 35.4 | 60.1 | 4.5 | 1,871 |
| Riau | 24.7 | 68.1 | 7.2 | 2,250 |
| Jambi | 35.4 | 58.4 | 6.2 | 1,206 |
| South Sumatra | 34.4 | 60.0 | 5.5 | 2,808 |
| Bengkulu | 36.0 | 60.4 | 3.6 | 682 |
| Lampung | 51.8 | 44.3 | 3.9 | 2,985 |
| Bangka Belitung | 39.0 | 58.2 | 2.8 | 484 |
| Riau Islands | 37.5 | 60.0 | 2.5 | 729 |
| DKI Jakarta | 65.8 | 30.2 | 4.0 | 2,836 |
| West Java | 57.5 | 39.5 | 3.1 | 15,032 |
| Central Java | 45.9 | 50.4 | 3.6 | 10,512 |
| DI Yogyakarta | 60.2 | 36.3 | 3.6 | 922 |
| East Java | 54.1 | 42.2 | 3.7 | 10,851 |
| Banten | 45.0 | 51.1 | 3.9 | 3,735 |
| Bali | 71.9 | 26.6 | 1.6 | 1,189 |
| West Nusa Tenggara | 51.2 | 46.7 | 2.2 | 1,920 |
| East Nusa Tenggara | 50.4 | 40.5 | 9.0 | 2,126 |
| West Kalimantan | 27.8 | 66.8 | 5.4 | 1,838 |
| Central Kalimantan | 36.8 | 56.1 | 7.1 | 906 |
| South Kalimantan | 42.3 | 52.9 | 4.8 | 1,363 |
| East Kalimantan | 28.0 | 63.5 | 8.5 | 1,221 |
| North Kalimantan | 45.1 | 47.0 | 7.9 | 239 |
| North Sulawesi | 37.5 | 51.5 | 11.0 | 742 |
| Central Sulawesi | 35.3 | 57.9 | 6.8 | 1,014 |
| South Sulawesi | 27.3 | 65.5 | 7.2 | 2,936 |
| Southeast Sulawesi | 25.4 | 68.3 | 6.2 | 986 |
| Gorontalo | 37.0 | 54.8 | 8.2 | 389 |
| West Sulawesi | 35.2 | 58.1 | 6.8 | 521 |
| Maluku | 20.9 | 71.7 | 7.4 | 664 |
| North Maluku | 33.8 | 56.7 | 9.4 | 464 |
| West Papua | 24.9 | 53.4 | 21.7 | 207 |
| Southwest Papua | 18.0 | 72.5 | 9.5 | 223 |
| Papua | 39.9 | 43.0 | 17.1 | 425 |
| South Papua | 26.5 | 62.7 | 10.8 | 279 |
| Central Papua | 15.8 | 52.4 | 31.9 | 415 |
| Highland Papua | 16.0 | 64.6 | 19.4 | 429 |
| INDONESIA | 45.0 | 49.8 | 5.2 | 84,603 |

Table 13.24 Proportion of Third Neonatal Visit History (8-28 Days) in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Third Neonatal Visit (8-28 days) (%) | | | Weighted N |
|--|--------------------------------------|-------------|------------|---------------|
| | Yes | No | Unknown | |
| Age Group | | | | |
| 0-5 months | 44.8 | 52.3 | 2.9 | 5,791 |
| 6-11 months | 46.6 | 50.1 | 3.3 | 7,313 |
| 12-23 months | 44.8 | 50.7 | 4.5 | 16,075 |
| 24-35 months | 45.3 | 49.7 | 5.0 | 17,408 |
| 36-47 months | 44.4 | 49.9 | 5.7 | 18,853 |
| 48-59 months | 44.9 | 48.0 | 7.0 | 19,163 |
| Sex | | | | |
| Male | 44.6 | 50.2 | 5.2 | 43,155 |
| Female | 45.4 | 49.3 | 5.2 | 41,448 |
| Head of Household Education | | | | |
| Never attended school | 34.7 | 55.8 | 9.6 | 1,711 |
| Some primary school/Islamic primary school | 39.7 | 53.7 | 6.6 | 2,918 |
| Primary school/Islamic primary school graduate | 42.2 | 52.3 | 5.5 | 14,397 |
| Junior secondary school/Islamic junior secondary school graduate | 43.0 | 51.6 | 5.4 | 16,737 |
| Senior secondary school/Islamic senior secondary school graduate | 46.3 | 48.9 | 4.9 | 35,365 |
| D1/D2/D3/university graduate | 49.7 | 45.5 | 4.8 | 13,476 |
| Head of Household Occupation | | | | |
| Unemployed | 40.1 | 51.7 | 8.2 | 2,150 |
| Student | 38.8 | 50.7 | 10.5 | 193 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 46.2 | 48.3 | 5.5 | 4,847 |
| Private employee | 51.2 | 44.7 | 4.1 | 19,028 |
| Self-employed | 44.4 | 50.3 | 5.3 | 24,641 |
| Farmer/farm laborer | 40.1 | 53.6 | 6.4 | 16,218 |
| Fisher | 35.0 | 57.5 | 7.5 | 1,727 |
| Laborer/driver/domestic help | 45.3 | 50.7 | 4.1 | 11,980 |
| Others | 43.9 | 50.5 | 5.6 | 3,818 |
| Residence | | | | |
| Urban | 47.3 | 47.7 | 5.0 | 48,601 |
| Rural | 41.9 | 52.6 | 5.5 | 36,002 |
| Economic Status | | | | |
| Lowest | 37.3 | 55.2 | 7.5 | 10,450 |
| Lower middle | 40.2 | 54.1 | 5.8 | 14,307 |
| Middle | 44.0 | 50.5 | 5.5 | 17,497 |
| Upper middle | 46.0 | 49.6 | 4.3 | 20,406 |
| Highest | 51.7 | 43.9 | 4.4 | 21,940 |
| INDONESIA | 45.0 | 49.8 | 5.2 | 84,600 |

Table 13.25 Proportion of Complete Neonatal Visit History in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Complete Neonatal Visits (%) | | | Weighted N |
|--------------------|------------------------------|-------------|------------|---------------|
| | Yes | No | Unknown | |
| Aceh | 34.9 | 58.7 | 6.4 | 1,916 |
| North Sumatra | 25.6 | 62.6 | 11.8 | 5,383 |
| West Sumatra | 32.1 | 62.4 | 5.4 | 1,893 |
| Riau | 22.6 | 69.8 | 7.6 | 2,263 |
| Jambi | 32.8 | 59.9 | 7.4 | 1,219 |
| South Sumatra | 29.6 | 63.7 | 6.7 | 2,835 |
| Bengkulu | 34.8 | 60.4 | 4.8 | 690 |
| Lampung | 49.0 | 46.8 | 4.3 | 2,995 |
| Bangka Belitung | 33.9 | 63.0 | 3.2 | 486 |
| Riau Islands | 31.8 | 65.5 | 2.7 | 732 |
| DKI Jakarta | 60.5 | 34.9 | 4.5 | 2,851 |
| West Java | 52.2 | 44.1 | 3.8 | 15,119 |
| Central Java | 41.7 | 54.0 | 4.3 | 10,590 |
| DI Yogyakarta | 55.8 | 40.2 | 4.0 | 925 |
| East Java | 48.3 | 47.4 | 4.3 | 10,920 |
| Banten | 40.1 | 54.6 | 5.2 | 3,784 |
| Bali | 63.8 | 34.5 | 1.8 | 1,193 |
| West Nusa Tenggara | 46.1 | 51.0 | 2.9 | 1,931 |
| East Nusa Tenggara | 45.2 | 44.0 | 10.8 | 2,169 |
| West Kalimantan | 22.5 | 69.9 | 7.6 | 1,883 |
| Central Kalimantan | 32.5 | 59.7 | 7.8 | 916 |
| South Kalimantan | 40.1 | 54.4 | 5.5 | 1,375 |
| East Kalimantan | 24.6 | 66.3 | 9.1 | 1,231 |
| North Kalimantan | 41.6 | 49.6 | 8.8 | 242 |
| North Sulawesi | 31.3 | 56.4 | 12.3 | 753 |
| Central Sulawesi | 31.5 | 60.3 | 8.3 | 1,031 |
| South Sulawesi | 24.3 | 67.7 | 8.0 | 2,956 |
| Southeast Sulawesi | 23.1 | 69.1 | 7.8 | 1,004 |
| Gorontalo | 31.5 | 59.1 | 9.5 | 395 |
| West Sulawesi | 30.9 | 60.9 | 8.2 | 530 |
| Maluku | 17.3 | 74.0 | 8.7 | 673 |
| North Maluku | 30.8 | 58.2 | 11.0 | 471 |
| West Papua | 21.9 | 55.1 | 23.0 | 211 |
| Southwest Papua | 14.1 | 74.6 | 11.3 | 227 |
| Papua | 33.6 | 47.8 | 18.6 | 430 |
| South Papua | 18.5 | 68.9 | 12.6 | 284 |
| Central Papua | 8.8 | 52.1 | 39.2 | 461 |
| Highland Papua | 11.8 | 65.5 | 22.7 | 444 |
| INDONESIA | 40.5 | 53.4 | 6.1 | 85,413 |

Table 13.26 Proportion of Complete Neonatal Visit History in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Complete Neonatal Visits (%) | | | Weighted N |
|--|------------------------------|------|---------|------------|
| | Yes | No | Unknown | |
| Age Group | | | | |
| 0-5 months | 39.8 | 56.8 | 3.4 | 5,779 |
| 6-11 months | 42.1 | 54.1 | 3.9 | 7,367 |
| 12-23 months | 40.0 | 54.5 | 5.5 | 16,232 |
| 24-35 months | 40.6 | 53.6 | 5.9 | 17,575 |
| 36-47 months | 40.4 | 53.1 | 6.6 | 19,033 |
| 48-59 months | 40.6 | 51.2 | 8.2 | 19,401 |
| Sex | | | | |
| Male | 40.1 | 53.8 | 6.2 | 43,580 |
| Female | 40.9 | 53.0 | 6.1 | 41,807 |
| Head of Household Education | | | | |
| Never attended school | 29.7 | 57.8 | 12.5 | 1,766 |
| Some primary school/Islamic primary school | 33.5 | 58 | 8.5 | 2,968 |
| Primary school/Islamic primary school graduate | 37.5 | 55.8 | 6.7 | 14,561 |
| Junior secondary school/Islamic junior secondary school graduate | 38.3 | 55.6 | 6.1 | 16,872 |
| Senior secondary school/Islamic senior secondary school graduate | 41.8 | 52.6 | 5.6 | 35,627 |
| D1/D2/D3/university graduate | 45.8 | 48.5 | 5.7 | 13,592 |
| Head of Household Occupation | | | | |
| Unemployed | 36.1 | 53.9 | 10.1 | 2,192 |
| Student | 37.0 | 52.0 | 11.0 | 194 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 41.8 | 51.5 | 6.7 | 4,907 |
| Private employee | 46.7 | 48.7 | 4.7 | 19,147 |
| Self-employed | 40.5 | 53.5 | 6.1 | 24,820 |
| Farmer/farm laborer | 35.5 | 56.9 | 7.6 | 16,437 |
| Fisher | 31.3 | 59.6 | 9.1 | 1,750 |
| Laborer/driver/domestic help | 39.3 | 55.5 | 5.2 | 12,094 |
| Others | 40.1 | 53.6 | 6.3 | 3,846 |
| Residence | | | | |
| Urban | 42.8 | 51.4 | 5.8 | 48,956 |
| Rural | 37.4 | 56.0 | 6.6 | 36,431 |
| Economic Status | | | | |
| Lowest | 32.7 | 57.9 | 9.5 | 10,667 |
| Lower middle | 35.7 | 57.6 | 6.7 | 14,445 |
| Middle | 39.7 | 53.9 | 6.4 | 17,651 |
| Upper middle | 41.5 | 53.4 | 5.1 | 20,539 |
| Highest | 47.1 | 47.9 | 5.0 | 22,083 |

Table 13.27 Proportion of Complete Neonatal Visit History in Children Aged 0-59 Months Based on Quantity and Quality Standards by Province, 2023 SKI

| Province | Complete Neonatal Visits Based on Quantity & Quality Standards (%) | | Weighted N |
|--------------------|--|-------------|---------------|
| | Yes | No | |
| Aceh | 20.1 | 79.9 | 1,715 |
| North Sumatra | 12.3 | 87.7 | 4,652 |
| West Sumatra | 19.5 | 80.5 | 1,710 |
| Riau | 15.4 | 84.6 | 1,956 |
| Jambi | 23.5 | 76.5 | 1,093 |
| South Sumatra | 18.8 | 81.2 | 2,495 |
| Bengkulu | 23.3 | 76.7 | 609 |
| Lampung | 33.1 | 66.9 | 2,713 |
| Bangka Belitung | 29.6 | 70.4 | 439 |
| Riau Islands | 18.9 | 81.1 | 676 |
| DKI Jakarta | 43.6 | 56.4 | 2,569 |
| West Java | 30.1 | 69.9 | 13,690 |
| Central Java | 29.4 | 70.6 | 9,666 |
| DI Yogyakarta | 41.4 | 58.6 | 853 |
| East Java | 34.7 | 65.3 | 10,036 |
| Banten | 24.4 | 75.6 | 3,352 |
| Bali | 55.4 | 44.6 | 1,123 |
| West Nusa Tenggara | 39.0 | 61.0 | 1,738 |
| East Nusa Tenggara | 43.7 | 56.3 | 1,778 |
| West Kalimantan | 14.2 | 85.8 | 1,602 |
| Central Kalimantan | 27.2 | 72.8 | 779 |
| South Kalimantan | 34.3 | 65.7 | 1,224 |
| East Kalimantan | 17.9 | 82.1 | 1,041 |
| North Kalimantan | 34.2 | 65.8 | 204 |
| North Sulawesi | 18.0 | 82.0 | 625 |
| Central Sulawesi | 24.3 | 75.7 | 861 |
| South Sulawesi | 16.9 | 83.1 | 2,542 |
| Southeast Sulawesi | 13.0 | 87.0 | 841 |
| Gorontalo | 28.8 | 71.2 | 315 |
| West Sulawesi | 22.7 | 77.3 | 440 |
| Maluku | 10.7 | 89.3 | 459 |
| North Maluku | 28.9 | 71.1 | 365 |
| West Papua | 23.4 | 76.6 | 132 |
| Southwest Papua | 10.4 | 89.6 | 153 |
| Papua | 24.6 | 75.4 | 316 |
| South Papua | 20.9 | 79.1 | 182 |
| Central Papua | 14.8 | 85.2 | 185 |
| Highland Papua | 17.9 | 82.1 | 154 |
| INDONESIA | 27.8 | 72.2 | 75,286 |

Table 13.28 Proportion of Complete Neonatal Visit History in Children Aged 0-59 Months Based on Quantity and Quality Standards by Characteristic, 2023 SKI

| Characteristic | Complete Neonatal Visits Based on Standards (%) | | Weighted N |
|--|---|------|------------|
| | Yes | No | |
| Age Group | | | |
| 0-5 months | 27.1 | 72.9 | 5,259 |
| 6-11 months | 28.3 | 71.7 | 6,619 |
| 12-23 months | 27.2 | 72.8 | 14,408 |
| 24-35 months | 27.7 | 72.3 | 15,562 |
| 36-47 months | 28.3 | 71.7 | 16,691 |
| 48-59 months | 27.9 | 72.1 | 16,748 |
| Sex | | | |
| Male | 27.6 | 72.4 | 38,411 |
| Female | 28.1 | 71.9 | 36,875 |
| Head of Household Education | | | |
| Never attended school | 26.3 | 73.7 | 1,265 |
| Some primary school/Islamic primary school | 25.0 | 75.0 | 2,467 |
| Primary school/Islamic primary school graduate | 27.5 | 72.5 | 12,503 |
| Junior secondary school/Islamic junior secondary school graduate | 26.0 | 74.0 | 14,838 |
| Senior secondary school/Islamic senior secondary school graduate | 27.4 | 72.6 | 31,892 |
| D1/D2/D3/university graduate | 32.0 | 68.0 | 12,320 |
| Head of Household Occupation | | | |
| Unemployed | 25.4 | 74.6 | 1,779 |
| Student | 21.0 | 79.0 | 172 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 30.9 | 69.1 | 4,355 |
| Private employee | 29.7 | 70.3 | 17,450 |
| Self-employed | 28.0 | 72.0 | 22,091 |
| Farmer/farm laborer | 26.1 | 73.9 | 13,845 |
| Fisher | 25.1 | 74.9 | 1,412 |
| Laborer/driver/domestic help | 26.3 | 73.7 | 10,773 |
| Others | 27.3 | 72.7 | 3,409 |
| Residence | | | |
| Urban | 28.1 | 71.9 | 43,878 |
| Rural | 27.3 | 72.7 | 31,408 |
| Economic Status | | | |
| Lowest | 25.6 | 74.4 | 8,433 |
| Lower middle | 25 | 75 | 12,561 |
| Middle | 27.5 | 72.5 | 15,626 |
| Upper middle | 27.1 | 72.9 | 18,503 |
| Highest | 31.3 | 68.7 | 20,161 |

Table 13.29 Proportion of First Neonatal Visit (KN1) History Based on Examining Personnel in Children Aged 0-59 Months by Province, SKI 2023

| Province | Examining Personnel for KN1 (%) | | | | | | Weighted N |
|--------------------|---------------------------------|----------------------|-------------|---------------------------|------------|------------|---------------|
| | Specialist Doctor | General Practitioner | Midwife | Nurse/Other Health Worker | Others | Unknown | |
| Aceh | 27.4 | 1.4 | 69.6 | 1.1 | 0.2 | 0.3 | 1,661 |
| North Sumatra | 26.0 | 3.3 | 66.2 | 3.2 | 0.8 | 0.5 | 4,620 |
| West Sumatra | 38.5 | 4.1 | 55.8 | 1.3 | 0.2 | 0.1 | 1,719 |
| Riau | 33.9 | 3.1 | 60.4 | 1.8 | 0.5 | 0.4 | 1,961 |
| Jambi | 18.0 | 2.8 | 77.8 | 0.8 | 0.4 | 0.2 | 1,096 |
| South Sumatra | 25.5 | 2.8 | 70.0 | 1.0 | 0.3 | 0.4 | 2,410 |
| Bengkulu | 27.9 | 1.2 | 68.7 | 1.6 | 0.5 | 0.1 | 605 |
| Lampung | 23.7 | 2.9 | 71.9 | 1.2 | 0.2 | 0.1 | 2,724 |
| Bangka Belitung | 33.0 | 3.0 | 62.6 | 0.6 | 0.6 | 0.3 | 423 |
| Riau Islands | 45.3 | 4.2 | 49.4 | 0.6 | 0.5 | 0.1 | 672 |
| DKI Jakarta | 50.6 | 2.9 | 44.7 | 1.5 | 0.1 | 0.2 | 2,488 |
| West Java | 29.7 | 1.9 | 67.1 | 0.8 | 0.4 | 0.2 | 13,234 |
| Central Java | 37.1 | 2.5 | 59.2 | 0.7 | 0.1 | 0.5 | 9,412 |
| DI Yogyakarta | 56.6 | 1.3 | 41.7 | 0.4 | 0 | 0.1 | 843 |
| East Java | 36.4 | 2.7 | 59.5 | 0.8 | 0.1 | 0.4 | 9,619 |
| Banten | 34.8 | 1.9 | 62.0 | 0.6 | 0.5 | 0.2 | 3,274 |
| Bali | 65.0 | 3.9 | 30.4 | 0.2 | 0.2 | 0.2 | 1,119 |
| West Nusa Tenggara | 18.8 | 1.3 | 78.6 | 1.0 | 0.1 | 0.2 | 1,687 |
| East Nusa Tenggara | 22.2 | 4.4 | 72.6 | 0.4 | 0.2 | 0.2 | 1,746 |
| West Kalimantan | 18.1 | 2.0 | 75.8 | 2.7 | 0.7 | 0.7 | 1,558 |
| Central Kalimantan | 15.4 | 1.9 | 79.7 | 2.3 | 0.4 | 0.2 | 733 |
| South Kalimantan | 20.6 | 1.6 | 76.6 | 0.8 | 0.1 | 0.3 | 1,215 |
| East Kalimantan | 37.2 | 3.6 | 56.9 | 1.5 | 0.4 | 0.3 | 1,037 |
| North Kalimantan | 30.3 | 2.5 | 67.1 | 0.1 | 0 | 0 | 202 |
| North Sulawesi | 47.2 | 3.2 | 46.4 | 2.4 | 0.4 | 0.4 | 624 |
| Central Sulawesi | 19.8 | 2.3 | 75.3 | 1.6 | 0.2 | 0.9 | 842 |
| South Sulawesi | 31.4 | 3.1 | 64.0 | 1.0 | 0.1 | 0.4 | 2,546 |
| Southeast Sulawesi | 16.9 | 1.7 | 80.3 | 0.6 | 0.2 | 0.3 | 840 |
| Gorontalo | 31.6 | 1.2 | 66.4 | 0.8 | 0 | 0 | 315 |
| West Sulawesi | 15.7 | 6.1 | 76.9 | 0.3 | 0.9 | 0.2 | 431 |
| Maluku | 15.7 | 3.6 | 78.7 | 0.8 | 0.8 | 0.5 | 436 |
| North Maluku | 13.4 | 3.4 | 81.7 | 0.5 | 0.4 | 0.5 | 362 |
| West Papua | 19.3 | 3.5 | 72.4 | 4.1 | 0 | 0.6 | 128 |
| Southwest Papua | 28.5 | 3.5 | 64.3 | 2.9 | 0.5 | 0.2 | 144 |
| Papua | 36.4 | 4.3 | 55.1 | 3.4 | 0.7 | 0.0 | 302 |
| South Papua | 10.3 | 2.1 | 86.8 | 0.8 | 0.1 | 0 | 162 |
| Central Papua | 32.7 | 4.4 | 58.7 | 1.6 | 2.0 | 0.5 | 171 |
| Highland Papua | 26.5 | 7.9 | 61.2 | 4.2 | 0.3 | 0 | 134 |
| INDONESIA | 31.8 | 2.6 | 63.9 | 1.1 | 0.3 | 0.3 | 73,495 |

Table 13.30 Proportion of First Neonatal Visit (KN1) History Based on Examining Personnel in Children Aged 0-59 Months by Characteristics, SKI 2023

| Characteristic | Examining Personnel for KN1 (%) | | | | | | Weighted N |
|--|---------------------------------|----------------------|---------|---------------------------|-------|---------|------------|
| | Specialist Doctor | General Practitioner | Midwife | Nurse/Other Health Worker | Other | Unknown | |
| Age Range | | | | | | | |
| 0-5 months | 35.8 | 2.7 | 59.8 | 1.3 | 0.3 | 0.2 | 5,850 |
| 6-11 months | 34.3 | 3.0 | 60.9 | 1.2 | 0.3 | 0.3 | 6,398 |
| 12-23 months | 33.2 | 2.4 | 62.6 | 1.2 | 0.3 | 0.4 | 13,924 |
| 24-35 months | 30.3 | 2.8 | 65.3 | 1.0 | 0.3 | 0.3 | 15,010 |
| 36-47 months | 31.2 | 2.7 | 64.6 | 1.0 | 0.2 | 0.3 | 16,149 |
| 48-59 months | 30.0 | 2.4 | 65.7 | 1.2 | 0.4 | 0.3 | 16,163 |
| Sex | | | | | | | |
| Male | 32.2 | 2.7 | 63.5 | 1.0 | 0.3 | 0.3 | 37,514 |
| Female | 31.3 | 2.5 | 64.4 | 1.2 | 0.3 | 0.3 | 35,981 |
| Head of Household Education | | | | | | | |
| Never attended school | 16.9 | 2.3 | 79.9 | 0.5 | 0.2 | 0.2 | 1,210 |
| Some primary school/Islamic primary school | 20.7 | 2.9 | 73.4 | 1.5 | 0.4 | 1.1 | 2,370 |
| Primary school/Islamic primary school graduate | 20.2 | 2.2 | 76.2 | 0.9 | 0.2 | 0.3 | 12,071 |
| Junior secondary school/Islamic junior secondary school graduate | 24.3 | 2.1 | 71.7 | 1.1 | 0.4 | 0.4 | 14,444 |
| Senior secondary school/Islamic senior secondary school graduate | 34.5 | 2.8 | 60.9 | 1.2 | 0.3 | 0.3 | 31,224 |
| D1/D2/D3/university graduate | 48.6 | 3.0 | 46.7 | 1.2 | 0.3 | 0.2 | 12,176 |
| Head of Household Occupation | | | | | | | |
| Unemployed | 33.8 | 2.7 | 60.5 | 2.3 | 0.5 | 0.2 | 1,733 |
| Student | 41.5 | 0.9 | 56.1 | 1.4 | 0 | 0.1 | 168 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 49.3 | 4.0 | 45.0 | 1.2 | 0.3 | 0.2 | 4,305 |
| Private employee | 43.0 | 2.9 | 52.4 | 1.2 | 0.3 | 0.2 | 17,092 |
| Self-employed | 30.3 | 2.4 | 65.7 | 1.1 | 0.3 | 0.3 | 21,619 |
| Farmer/farm worker | 19.9 | 2.3 | 76.0 | 1.1 | 0.4 | 0.4 | 13,489 |
| Fishmonger | 20.2 | 2.8 | 75.4 | 1.0 | 0.3 | 0.3 | 1,369 |
| Labor/driver/domestic help | 25.0 | 2.5 | 71.0 | 0.8 | 0.3 | 0.5 | 10,373 |
| Other | 33.1 | 2.8 | 62.5 | 1.1 | 0.2 | 0.3 | 3,346 |
| Residence | | | | | | | |
| Urban | 38.6 | 2.8 | 56.7 | 1.2 | 0.3 | 0.3 | 42,949 |
| Rural | 22.1 | 2.3 | 74.0 | 1.0 | 0.3 | 0.3 | 30,546 |
| Economic Status | | | | | | | |
| Lowest | 16.7 | 2.2 | 79.4 | 1.0 | 0.4 | 0.4 | 8,104 |
| Lower middle | 22.0 | 2.2 | 74.0 | 1.2 | 0.4 | 0.3 | 12,177 |
| Middle | 25.1 | 2.5 | 70.9 | 0.9 | 0.2 | 0.4 | 15,298 |
| Upper middle | 31.8 | 2.7 | 63.9 | 1.1 | 0.2 | 0.3 | 18,124 |
| Highest | 49.0 | 3.0 | 46.0 | 1.3 | 0.4 | 0.3 | 19,790 |

Table 13.31 Proportion of History of Neonatal Visit 2 (KN2) Based on Examining Personnel in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Examining Personnel for KN2 | | | | | Weighted N | |
|--------------------|-----------------------------|----------------------|-------------|---------------------------|------------|------------|---------------|
| | Specialist Doctor | General Practitioner | Midwife | Nurse/Other Health Worker | Other | | |
| Aceh | 14.5 | 1.3 | 82.6 | 1.3 | 0.1 | 0.2 | 1,189 |
| North Sumatra | 16.0 | 2.2 | 77.7 | 2.7 | 0.9 | 0.6 | 3,199 |
| West Sumatra | 32.0 | 3.3 | 62.6 | 1.8 | 0.3 | 0.1 | 1,008 |
| Riau | 30.3 | 1.6 | 66.5 | 0.9 | 0.4 | 0.1 | 1,183 |
| Jambi | 10.5 | 1.7 | 86.9 | 0.6 | 0.2 | 0.1 | 732 |
| South Sumatra | 22.5 | 2.3 | 73.6 | 1.2 | 0.1 | 0.3 | 1,399 |
| Bengkulu | 13.1 | 1.5 | 83.1 | 1.9 | 0 | 0.5 | 425 |
| Lampung | 17.2 | 2.6 | 78.8 | 1.3 | 0.2 | 0.1 | 2,057 |
| Bangka Belitung | 21.5 | 0.9 | 76.1 | 1.2 | 0.3 | 0 | 258 |
| Riau Islands | 38.4 | 3.0 | 58.0 | 0.3 | 0.3 | 0.0 | 386 |
| DKI Jakarta | 43.1 | 1.8 | 54.1 | 0.8 | 0.1 | 0.1 | 2,093 |
| West Java | 24.4 | 2.4 | 72.1 | 0.5 | 0.5 | 0.0 | 10,780 |
| Central Java | 27.0 | 1.9 | 69.9 | 0.8 | 0.2 | 0.1 | 7,180 |
| DI Yogyakarta | 53.9 | 1.3 | 44.3 | 0.3 | 0 | 0.2 | 679 |
| East Java | 28.2 | 2.3 | 68.1 | 1.1 | 0.2 | 0.1 | 7,759 |
| Banten | 33.3 | 2.5 | 62.9 | 0.4 | 0.4 | 0.3 | 2,378 |
| Bali | 60.0 | 2.9 | 36.7 | 0.1 | 0.3 | 0.1 | 876 |
| West Nusa Tenggara | 10.1 | 0.7 | 88.4 | 0.5 | 0.1 | 0.1 | 1,290 |
| East Nusa Tenggara | 16.3 | 2.2 | 80.3 | 0.7 | 0.2 | 0.2 | 1,240 |
| West Kalimantan | 19.6 | 1.9 | 76.0 | 1.7 | 0.5 | 0.3 | 762 |
| Central Kalimantan | 10.2 | 1.6 | 86.7 | 0.8 | 0.2 | 0.5 | 499 |
| South Kalimantan | 12.1 | 1.0 | 85.8 | 0.6 | 0.3 | 0.2 | 881 |
| East Kalimantan | 30.2 | 3.7 | 64.2 | 1.5 | 0.3 | 0.2 | 526 |
| North Kalimantan | 21.4 | 4.0 | 73.4 | 0.9 | 0.3 | 0 | 144 |
| North Sulawesi | 38.5 | 2.5 | 56.3 | 1.9 | 0.5 | 0.3 | 356 |
| Central Sulawesi | 15.4 | 1.1 | 80.6 | 1.6 | 0.3 | 1.0 | 522 |
| South Sulawesi | 25.1 | 2.8 | 70.0 | 1.7 | 0.1 | 0.2 | 1,205 |
| Southeast Sulawesi | 12.3 | 1.6 | 84.6 | 0.9 | 0.0 | 0.6 | 434 |
| Gorontalo | 17.5 | 1.0 | 78.6 | 2.0 | 0.8 | 0.2 | 170 |
| West Sulawesi | 11.2 | 2.0 | 85.7 | 0.8 | 0 | 0.3 | 259 |
| Maluku | 11.3 | 4.3 | 81.8 | 0.8 | 1.7 | 0.2 | 224 |
| North Maluku | 5.9 | 0.6 | 91.5 | 0.8 | 0.2 | 1.0 | 205 |
| West Papua | 9.3 | 1.6 | 77.5 | 10.4 | 0 | 1.1 | 69 |
| Southwest Papua | 21.5 | 1.3 | 72.8 | 3.2 | 0.7 | 0.5 | 62 |
| Papua | 28.1 | 6.7 | 62.8 | 2.1 | 0.2 | 0 | 184 |
| South Papua | 10.3 | 0.3 | 88.9 | 0.5 | 0 | 0 | 75 |
| Central Papua | 31.3 | 3.0 | 58.0 | 3.8 | 3.9 | 0 | 68 |
| Highland Papua | 17.3 | 8.2 | 74.0 | 0 | 0 | 0.5 | 96 |
| INDONESIA | 25.2 | 2.2 | 71.1 | 1.0 | 0.3 | 0.2 | 52,851 |

Table 13.32 Proportion of History of Second Neonatal Visit (KN2) Based on Examiner Personnel in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Examining Personnel for KN2 | | | | | | Weighted N |
|--|-----------------------------|----------------------|---------|---------------------------|-------|---------|------------|
| | Specialist Doctor | General Practitioner | Midwife | Nurse/Other Health Worker | Other | Unknown | |
| Age Range | | | | | | | |
| 0-5 months | 26.9 | 2.0 | 68.7 | 1.7 | 0.5 | 0.2 | 4,006 |
| 6-11 months | 26.0 | 2.4 | 70.2 | 1.0 | 0.2 | 0.2 | 4,574 |
| 12-23 months | 26.6 | 2.3 | 69.7 | 1.0 | 0.2 | 0.1 | 9,972 |
| 24-35 months | 24.5 | 2.4 | 71.7 | 0.9 | 0.4 | 0.2 | 10,808 |
| 36-47 months | 24.7 | 2.3 | 71.7 | 0.9 | 0.3 | 0.2 | 11,730 |
| 48-59 months | 24.4 | 1.8 | 72.2 | 1.0 | 0.4 | 0.2 | 11,761 |
| Sex | | | | | | | |
| Male | 25.9 | 2.3 | 70.1 | 1.1 | 0.4 | 0.2 | 26,894 |
| Female | 24.6 | 2.0 | 72.1 | 0.9 | 0.3 | 0.2 | 25,957 |
| Head of Household Education | | | | | | | |
| Never attended school | 11.5 | 2.4 | 84.9 | 0.5 | 0.4 | 0.3 | 849 |
| Some primary school/Islamic primary school | 13.0 | 2.6 | 81.7 | 2.1 | 0.3 | 0.3 | 1,631 |
| Primary school/Islamic primary school graduate | 13.9 | 1.6 | 83.5 | 0.6 | 0.2 | 0.2 | 8,568 |
| Junior secondary school/Islamic junior secondary school graduate | 16.9 | 1.7 | 80.1 | 0.9 | 0.3 | 0.1 | 10,251 |
| Senior secondary school/Islamic senior secondary school graduate | 28.1 | 2.4 | 67.9 | 1.1 | 0.3 | 0.2 | 22,689 |
| D1/D2/D3/university graduate | 42.2 | 2.5 | 53.4 | 1.2 | 0.4 | 0.2 | 8,862 |
| Head of Household Occupation | | | | | | | |
| Unemployed | 23.7 | 2.0 | 71.8 | 1.8 | 0.5 | 0.3 | 1,177 |
| Student | 31.2 | 1.8 | 65.6 | 1.3 | 0 | 0.1 | 121 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 41.6 | 3.4 | 52.8 | 1.3 | 0.5 | 0.4 | 3,069 |
| Private employee | 37.0 | 2.5 | 59.0 | 1.1 | 0.3 | 0.1 | 12,916 |
| Self-employed | 22.4 | 2.1 | 74.1 | 0.9 | 0.3 | 0.1 | 15,632 |
| Farmer/farm worker | 13.4 | 1.6 | 83.3 | 1.1 | 0.3 | 0.2 | 9,223 |
| Fisher | 14.3 | 1.8 | 82.4 | 0.9 | 0.2 | 0.3 | 894 |
| Labor/driver/domestic help | 19.4 | 2.3 | 77.2 | 0.6 | 0.3 | 0.2 | 7,465 |
| Other | 27.6 | 1.3 | 69.6 | 0.8 | 0.3 | 0.4 | 2,355 |
| Residence | | | | | | | |
| Urban | 32.2 | 2.5 | 63.8 | 1.0 | 0.3 | 0.2 | 31,405 |
| Rural | 15.0 | 1.8 | 81.8 | 1.0 | 0.3 | 0.2 | 21,446 |
| Economic Status | | | | | | | |
| Lowest | 11.2 | 1.4 | 85.6 | 1.3 | 0.4 | 0.2 | 5,471 |
| Lower middle | 15.1 | 1.8 | 81.5 | 1.0 | 0.4 | 0.3 | 8,499 |
| Middle | 17.9 | 2.3 | 78.5 | 0.9 | 0.3 | 0.2 | 11,000 |
| Upper middle | 24.6 | 2.2 | 71.9 | 0.8 | 0.2 | 0.2 | 13,025 |
| Highest | 42.2 | 2.5 | 53.6 | 1.2 | 0.4 | 0.1 | 14,855 |

Table 13.33 Proportion of History of Third Neonatal Visit (KN3) Based on Examiner Personnel in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Examining Personnel for KN3 | | | | | Weighted N | |
|--------------------|-----------------------------|----------------------|-------------|---------------------------|------------|------------|---------------|
| | Specialist Doctor | General Practitioner | Midwife | Nurse/Other Health Worker | Other | | |
| Aceh | 6.8 | 0.8 | 90.7 | 1.5 | 0.1 | 0.2 | 644 |
| North Sumatra | 12.3 | 1.9 | 82.6 | 1.9 | 0.8 | 0.4 | 1,311 |
| West Sumatra | 22.8 | 2.2 | 73.2 | 1.1 | 0.7 | 0.1 | 587 |
| Riau | 29.4 | 2.1 | 66.4 | 0.7 | 0.4 | 1.0 | 492 |
| Jambi | 9.7 | 1.2 | 87.2 | 1.5 | 0.4 | 0 | 378 |
| South Sumatra | 21.3 | 1.8 | 74.7 | 1.7 | 0.1 | 0.3 | 856 |
| Bengkulu | 7.5 | 2.7 | 88.6 | 1.3 | 0 | 0 | 217 |
| Lampung | 14.6 | 2.3 | 81.9 | 0.8 | 0.3 | 0.1 | 1,368 |
| Bangka Belitung | 16.5 | 1.8 | 80.2 | 1.1 | 0.4 | 0 | 167 |
| Riau Islands | 25.7 | 1.9 | 70.2 | 1.5 | 0.6 | 0 | 242 |
| DKI Jakarta | 37.7 | 1.7 | 59.1 | 1.3 | 0 | 0.3 | 1,650 |
| West Java | 20.3 | 1.0 | 77.6 | 0.4 | 0.6 | 0.1 | 7,646 |
| Central Java | 20.6 | 1.8 | 76.3 | 0.9 | 0.1 | 0.2 | 4,273 |
| DI Yogyakarta | 50.5 | 1.7 | 46.9 | 0.4 | 0.2 | 0.2 | 491 |
| East Java | 21.7 | 1.9 | 74.8 | 1.2 | 0.2 | 0.1 | 5,191 |
| Banten | 29.3 | 1.8 | 68.3 | 0.3 | 0.3 | 0 | 1,487 |
| Bali | 50.9 | 3.0 | 45.2 | 0.3 | 0.5 | 0.1 | 756 |
| West Nusa Tenggara | 5.6 | 1.6 | 91.7 | 0.8 | 0.4 | 0 | 869 |
| East Nusa Tenggara | 11.2 | 2.0 | 84.6 | 1.7 | 0.2 | 0.4 | 949 |
| West Kalimantan | 17.6 | 1.5 | 78.2 | 1.9 | 0.4 | 0.4 | 452 |
| Central Kalimantan | 10.1 | 2.5 | 84.5 | 1.4 | 0.2 | 1.4 | 295 |
| South Kalimantan | 10.6 | 0.7 | 87.7 | 0.4 | 0.3 | 0.3 | 510 |
| East Kalimantan | 27.4 | 4.5 | 64.8 | 2.1 | 0.9 | 0.3 | 303 |
| North Kalimantan | 15.7 | 4.9 | 77.8 | 1.5 | 0.1 | 0 | 96 |
| North Sulawesi | 20.3 | 3.0 | 71.2 | 4.2 | 1.0 | 0.3 | 246 |
| Central Sulawesi | 5.8 | 1.5 | 90.9 | 0.7 | 0.6 | 0.6 | 317 |
| South Sulawesi | 12.0 | 1.7 | 84.1 | 2.0 | 0.1 | 0.1 | 710 |
| Southeast Sulawesi | 6.3 | 1.2 | 90.3 | 1.2 | 0.2 | 0.6 | 222 |
| Gorontalo | 7.4 | 0.9 | 83.1 | 8.7 | 0 | 0 | 128 |
| West Sulawesi | 4.4 | 0.6 | 93.7 | 0 | 0.4 | 1.0 | 162 |
| Maluku | 4.7 | 2.7 | 88.5 | 2.3 | 0.9 | 0.8 | 123 |
| North Maluku | 6.1 | 0.6 | 92.2 | 0.1 | 0.5 | 0.5 | 139 |
| West Papua | 4.6 | 3.3 | 80.1 | 12.0 | 0 | 0 | 46* |
| Southwest Papua | 20.1 | 0.9 | 73.5 | 3.9 | 0.8 | 0.9 | 35* |
| Papua | 25.2 | 2.0 | 68.2 | 4.6 | 0 | 0 | 150 |
| South Papua | 8.7 | 1.0 | 90.1 | 0.2 | 0 | 0 | 65 |
| Central Papua | 13.3 | 3.7 | 63.5 | 14.2 | 5.2 | 0 | 58 |
| Highland Papua | 20.7 | 0.9 | 78.3 | 0.1 | 0 | 0 | 61 |
| INDONESIA | 20.6 | 1.7 | 76.1 | 1.0 | 0.4 | 0.2 | 33,694 |

* Weighted N <50

Table 13.34 Proportion of History of Third Neonatal Visit (KN3) Based on Examiner Personnel in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Examining Personnel for KN3 | | | | | | Weighted N |
|--|-----------------------------|----------------------|---------|---------------------------|--------|---------|------------|
| | Specialist Doctor | General Practitioner | Midwife | Nurse/Other Health Worker | Others | Unknown | |
| Age Range | | | | | | | |
| 0-5 months | 20.5 | 1.5 | 76.4 | 0.8 | 0.6 | 0.2 | 2,294 |
| 6-11 months | 19.7 | 1.6 | 77.2 | 1.3 | 0.1 | 0.1 | 3,016 |
| 12-23 months | 21.6 | 1.5 | 75.3 | 1.0 | 0.4 | 0.2 | 6,372 |
| 24-35 months | 20.0 | 2.0 | 76.4 | 1.0 | 0.4 | 0.1 | 6,980 |
| 36-47 months | 20.1 | 1.9 | 76.0 | 1.3 | 0.3 | 0.3 | 7,410 |
| 48-59 months | 21.3 | 1.4 | 76.0 | 0.8 | 0.3 | 0.2 | 7,621 |
| Sex | | | | | | | |
| Male | 21.4 | 1.7 | 75.3 | 1.0 | 0.3 | 0.3 | 17,029 |
| Female | 19.8 | 1.7 | 76.9 | 1.1 | 0.4 | 0.1 | 16,665 |
| Head of Household Education | | | | | | | |
| Never attended school | 5.5 | 1.0 | 92.7 | 0.6 | 0.0 | 0.2 | 525 |
| Some primary school/Islamic primary school | 9.7 | 1.8 | 85.5 | 2.5 | 0.1 | 0.4 | 1,026 |
| Primary school/Islamic primary school graduate | 9.2 | 1.5 | 88.0 | 0.8 | 0.2 | 0.3 | 5,372 |
| Junior secondary school/Islamic junior secondary school graduate | 12.2 | 1.3 | 84.8 | 1.0 | 0.4 | 0.2 | 6,365 |
| Senior secondary school/Islamic senior secondary school graduate | 22.1 | 1.8 | 74.5 | 1.1 | 0.4 | 0.2 | 14,477 |
| D1/D2/D3/university graduate | 39.6 | 2.1 | 56.6 | 1.0 | 0.5 | 0.2 | 5,930 |
| Head of Household Occupation | | | | | | | |
| Unemployed | 19.4 | 0.8 | 76.3 | 2.6 | 0.8 | 0.2 | 763 |
| Student | 19.9 | 0 | 77.8 | 2.3 | 0 | 0 | 66 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 38.1 | 1.8 | 58.0 | 1.1 | 0.8 | 0.2 | 1,982 |
| Private employee | 31.6 | 2.2 | 64.6 | 1.1 | 0.3 | 0.2 | 8,628 |
| Self-employed | 17.8 | 1.6 | 79.2 | 0.9 | 0.4 | 0.1 | 9,689 |
| Farmer/farm worker | 8.9 | 1.7 | 87.6 | 1.4 | 0.2 | 0.3 | 5,749 |
| Fishmonger | 11.2 | 1.8 | 84.5 | 2.3 | 0.1 | 0 | 535 |
| Labor/driver/domestic help | 13.8 | 1.3 | 83.6 | 0.6 | 0.4 | 0.2 | 4,800 |
| Others | 23.3 | 1.1 | 74.5 | 0.5 | 0.4 | 0.2 | 1,482 |
| Residence | | | | | | | |
| Urban | 27.6 | 1.8 | 69.0 | 1.0 | 0.4 | 0.2 | 20,351 |
| Rural | 10.0 | 1.5 | 87.0 | 1.1 | 0.3 | 0.2 | 13,343 |
| Economic Status | | | | | | | |
| Lowest | 6.3 | 1.6 | 90.2 | 1.4 | 0.2 | 0.4 | 3,449 |
| Lower middle | 10.2 | 1.1 | 86.9 | 1.3 | 0.3 | 0.3 | 5,086 |
| Middle | 13.1 | 1.6 | 83.8 | 0.9 | 0.2 | 0.2 | 6,806 |
| Upper middle | 18.1 | 1.6 | 78.8 | 0.9 | 0.4 | 0.2 | 8,312 |
| Highest | 37.9 | 2.2 | 58.3 | 1.0 | 0.5 | 0.1 | 10,041 |

Table 13.35 Proportion of History of First Neonatal Visit (KN1) Based on Examination Place in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Examination Place for KN1 | | | | | | | Weighted N |
|--------------------|---------------------------|------------------|---------------------------------|-------------------------------------|-------------|------------------|-------------|---------------|
| | Government Hospital | Private Hospital | Puskesmas/ Pustu/ Pusling | Posyandu/ Poskesdes/ Polindes | Clinic | Medical Practice | At Home | |
| Aceh | 22.9 | 22.1 | 22.1 | 22.2 | 22.2 | 22.2 | 22.2 | 1,661 |
| North Sumatra | 14.0 | 14.2 | 14.4 | 14.6 | 14.8 | 14.1 | 14.1 | 4,620 |
| West Sumatra | 16.5 | 16.7 | 16.9 | 16.1 | 16.1 | 16.2 | 16.2 | 1,719 |
| Riau | 15.2 | 15.4 | 15.6 | 15.8 | 15.1 | 15.1 | 15.1 | 1,961 |
| Jambi | 13.3 | 13.5 | 13.7 | 13.9 | 13.1 | 13.1 | 13.2 | 1,096 |
| South Sumatra | 15.6 | 15.8 | 15.1 | 15.1 | 15.1 | 15.2 | 15.2 | 2,410 |
| Bengkulu | 21.3 | 21.5 | 21.7 | 21.9 | 21.1 | 21.1 | 21.2 | 605 |
| Lampung | 9.5 | 9.7 | 9.9 | 9.1 | 9.1 | 9.2 | 9.2 | 2,724 |
| Bangka Belitung | 22.5 | 22.7 | 22.9 | 22.1 | 22.1 | 22.2 | 22.2 | 423 |
| Riau Islands | 16.5 | 16.7 | 16.9 | 16.1 | 16.1 | 16.2 | 16.2 | 672 |
| DKI Jakarta | 24.2 | 24.4 | 24.6 | 24.8 | 24.1 | 24.1 | 24.1 | 2,488 |
| West Java | 13.9 | 13.1 | 13.1 | 13.2 | 13.2 | 13.2 | 13.2 | 13,234 |
| Central Java | 19.2 | 19.4 | 19.6 | 19.8 | 19.1 | 19.1 | 19.1 | 9,412 |
| DI Yogyakarta | 22.1 | 22.3 | 22.5 | 22.7 | 22.9 | 22.1 | 22.1 | 843 |
| East Java | 16.6 | 16.8 | 16.1 | 16.1 | 16.1 | 16.2 | 16.2 | 9,619 |
| Banten | 13.0 | 13.2 | 13.4 | 13.6 | 13.8 | 13.1 | 13.1 | 3,274 |
| Bali | 22.2 | 22.4 | 22.6 | 22.8 | 22.1 | 22.1 | 22.1 | 1,119 |
| West Nusa Tenggara | 19.6 | 19.8 | 19.1 | 19.1 | 19.1 | 19.2 | 19.2 | 1,687 |
| East Nusa Tenggara | 27.3 | 27.5 | 27.7 | 27.9 | 27.1 | 27.1 | 27.2 | 1,746 |
| West Kalimantan | 18.8 | 18.1 | 18.1 | 18.1 | 18.2 | 18.2 | 18.2 | 1,558 |
| Central Kalimantan | 20.2 | 20.4 | 20.6 | 20.8 | 20.1 | 20.1 | 20.1 | 733 |
| South Kalimantan | 23.5 | 23.7 | 23.9 | 23.1 | 23.1 | 23.2 | 23.2 | 1,215 |
| East Kalimantan | 28.2 | 28.4 | 28.6 | 28.8 | 28.1 | 28.1 | 28.1 | 1,037 |
| North Kalimantan | 47.8 | 47.1 | 47.1 | 47.1 | 47.2 | 47.2 | 47.2 | 202 |
| North Sulawesi | 34.1 | 34.3 | 34.5 | 34.7 | 34.9 | 34.1 | 34.1 | 624 |
| Central Sulawesi | 25.1 | 25.3 | 25.5 | 25.7 | 25.9 | 25.1 | 25.1 | 842 |
| South Sulawesi | 32.6 | 32.8 | 32.1 | 32.1 | 32.1 | 32.2 | 32.2 | 2,546 |
| Southeast Sulawesi | 18.9 | 18.1 | 18.1 | 18.2 | 18.2 | 18.2 | 18.2 | 840 |
| Gorontalo | 37.8 | 37.1 | 37.1 | 37.1 | 37.2 | 37.2 | 37.2 | 315 |
| West Sulawesi | 24.7 | 24.9 | 24.1 | 24.1 | 24.2 | 24.2 | 24.2 | 431 |
| Maluku | 27.5 | 27.7 | 27.9 | 27.1 | 27.1 | 27.2 | 27.2 | 436 |
| North Maluku | 29.4 | 29.6 | 29.8 | 29.1 | 29.1 | 29.1 | 29.2 | 362 |
| West Papua | 38.0 | 38.2 | 38.4 | 38.6 | 38.8 | 38.1 | 38.1 | 128 |
| Southwest Papua | 34.7 | 34.9 | 34.1 | 34.1 | 34.2 | 34.2 | 34.2 | 144 |
| Papua | 41.3 | 41.5 | 41.7 | 41.9 | 41.1 | 41.1 | 41.2 | 302 |
| South Papua | 31.8 | 31.1 | 31.1 | 31.1 | 31.2 | 31.2 | 31.2 | 162 |
| Central Papua | 37.8 | 37.1 | 37.1 | 37.1 | 37.2 | 37.2 | 37.2 | 171 |
| Highland Papua | 31.4 | 31.6 | 31.8 | 31.1 | 31.1 | 31.1 | 31.2 | 134 |
| INDONESIA | 18.5 | 18.1 | 18.3 | 18.4 | 18.6 | 18.8 | 18.9 | 73,495 |

Table 13.36 Proportion of First Neonatal Visit (KN1) History Based on Examination Place in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Examination Place for KN1 | | | | | | | Weighted N |
|--|---------------------------|------------------|---------------------------------|-------------------------------------|--------|------------------|---------|------------|
| | Government Hospital | Private Hospital | Puskesmas/ Pustu/ Pusling | Posyandu/ Poskesdes/ Polindes | Clinic | Medical Practice | At Home | |
| Age Range | | | | | | | | |
| 0-5 months | 20.9 | 28.4 | 17.0 | 3.5 | 6.3 | 15.9 | 8.0 | 5,850 |
| 6-11 months | 20.2 | 26.2 | 15.0 | 3.8 | 7.7 | 19.4 | 7.8 | 6,398 |
| 12-23 months | 18.2 | 25.5 | 15.6 | 3.8 | 7.9 | 20.6 | 8.4 | 13,924 |
| 24-35 months | 17.3 | 23.7 | 16.8 | 4.1 | 8.0 | 21.8 | 8.3 | 15,010 |
| 36-47 months | 18.8 | 22.6 | 18.2 | 3.7 | 7.5 | 20.2 | 9.1 | 16,149 |
| 48-59 months | 18.2 | 21.6 | 17.6 | 4.0 | 7.7 | 20.9 | 9.9 | 16,163 |
| Sex | | | | | | | | |
| Male | 19.0 | 24.3 | 16.7 | 3.8 | 7.4 | 20.3 | 8.6 | 37,514 |
| Female | 18.1 | 23.6 | 17.1 | 3.9 | 7.9 | 20.3 | 9.0 | 35,981 |
| Head of Household Education | | | | | | | | |
| Never attended school | 17.3 | 10.1 | 27.7 | 7.8 | 4.4 | 17.5 | 15.2 | 1,210 |
| Some primary school/Islamic primary school | 18.1 | 12.8 | 22.9 | 7.4 | 6.3 | 19.9 | 12.6 | 2,370 |
| Primary school/Islamic primary school graduate | 15.9 | 14.1 | 24.0 | 5.4 | 5.7 | 21.8 | 13.2 | 12,071 |
| Junior secondary school/Islamic junior secondary school graduate | 17.5 | 17.5 | 19.7 | 4.7 | 7.3 | 23.1 | 10.1 | 14,444 |
| Senior secondary school/Islamic senior secondary school graduate | 19.1 | 26.4 | 14.6 | 2.9 | 8.8 | 21.1 | 7.2 | 31,224 |
| D1/D2/D3/university graduate | 21.1 | 38.7 | 10.3 | 2.5 | 7.7 | 14.1 | 5.5 | 12,176 |
| Head of Household Occupation | | | | | | | | |
| Unemployed | 23.8 | 23.4 | 18.0 | 5.0 | 6.3 | 15.0 | 8.4 | 1,733 |
| Student | 22.7 | 23.8 | 8.0 | 3.2 | 12.2 | 18.3 | 11.7 | 168 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 27.1 | 35.0 | 10.5 | 2.1 | 7.5 | 11.8 | 6.0 | 4,305 |
| Private employee | 18.1 | 34.8 | 11.4 | 1.8 | 9.6 | 19.5 | 4.8 | 17,092 |
| Self-employed | 17.4 | 23.6 | 15.8 | 3.7 | 8.5 | 22.1 | 8.8 | 21,619 |
| Farmer/farm worker | 16.7 | 13.3 | 25.3 | 7.6 | 4.6 | 17.9 | 14.5 | 13,489 |
| Fisher | 19.5 | 12.6 | 27.8 | 5.8 | 5.8 | 11.4 | 17.2 | 1,369 |
| Labor/driver/domestic help | 18.4 | 17.5 | 18.6 | 2.8 | 7.1 | 27.5 | 8.1 | 10,373 |
| Other | 21.0 | 24.3 | 16.4 | 4.0 | 7.6 | 18.4 | 8.2 | 3,346 |
| Residence | | | | | | | | |
| Urban | 19.4 | 30.2 | 12.5 | 2.1 | 9.2 | 21.4 | 5.2 | 42,949 |
| Rural | 17.3 | 15.1 | 23.2 | 6.2 | 5.5 | 18.9 | 13.8 | 30,546 |
| Economic Status | | | | | | | | |
| Lowest | 17.9 | 9.9 | 29.3 | 6.4 | 4.1 | 16.2 | 16.2 | 8,104 |
| Lower middle | 18.5 | 14.8 | 22.3 | 6.1 | 5.7 | 21.1 | 11.6 | 12,177 |
| Middle | 18.0 | 18.7 | 18.9 | 4.8 | 7.2 | 22.3 | 10.0 | 15,298 |
| Upper middle | 18.2 | 23.8 | 15.3 | 3.1 | 9.0 | 23.1 | 7.6 | 18,124 |
| Highest | 19.5 | 39.5 | 8.5 | 1.4 | 9.4 | 17.6 | 4.1 | 19,790 |

Table 13.37 Proportion of Second Neonatal Visit (KN2) History Based on Examination Place in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Examination Place for KN2 | | | | | | | Weighted N |
|--------------------|---------------------------|------------------|---------------------------------|-------------------------------------|------------|------------------|-------------|---------------|
| | Government Hospital | Private Hospital | Puskesmas/ Pustu/ Pusling | Posyandu/ Poskesdes/ Polindes | Clinic | Medical Practice | At Home | |
| Aceh | 12,3 | 6,3 | 4,2 | 2,4 | 2,6 | 5,8 | 66,3 | 1.189 |
| North Sumatra | 8,7 | 16,9 | 6,8 | 2,7 | 8,1 | 6,1 | 50,7 | 3.199 |
| West Sumatra | 13,9 | 26,2 | 12,0 | 8,8 | 3,7 | 11,8 | 23,5 | 1.008 |
| Riau | 10,3 | 25,3 | 8,8 | 2,4 | 9,2 | 12,2 | 31,7 | 1.183 |
| Jambi | 6,5 | 10,5 | 10,5 | 5,4 | 5,2 | 13,1 | 48,9 | 732 |
| South Sumatra | 12,8 | 14,9 | 6,6 | 10,6 | 6,1 | 19,9 | 29,1 | 1.399 |
| Bengkulu | 11,5 | 7,0 | 5,4 | 2,5 | 2,3 | 18,0 | 53,2 | 425 |
| Lampung | 7,0 | 17,0 | 4,7 | 2,4 | 4,8 | 48,9 | 15,4 | 2.057 |
| Bangka Belitung | 9,6 | 16,8 | 9,0 | 6,1 | 2,6 | 7,4 | 48,5 | 258 |
| Riau Islands | 15,0 | 27,9 | 7,9 | 4,0 | 12,8 | 18,7 | 13,7 | 386 |
| DKI Jakarta | 21,1 | 31,0 | 25,1 | 0,1 | 10,2 | 11,8 | 0,6 | 2.093 |
| West Java | 10,0 | 18,9 | 8,7 | 1,9 | 9,5 | 33,0 | 18,1 | 10.780 |
| Central Java | 13,4 | 21,0 | 17,7 | 2,7 | 5,3 | 17,8 | 22,0 | 7.180 |
| DI Yogyakarta | 19,7 | 38,9 | 12,4 | 0 | 10,5 | 17,6 | 1,0 | 679 |
| East Java | 10,7 | 24,3 | 11,3 | 8,3 | 2,8 | 27,1 | 15,5 | 7.759 |
| Banten | 11,3 | 26,4 | 14,7 | 3,5 | 12,4 | 19,9 | 11,7 | 2.378 |
| Bali | 19,2 | 42,1 | 12,2 | 0,3 | 4,2 | 20,8 | 1,1 | 876 |
| West Nusa Tenggara | 9,4 | 4,7 | 8,7 | 14,0 | 0,6 | 1,6 | 61,0 | 1.290 |
| East Nusa Tenggara | 18,4 | 8,4 | 41,1 | 6,5 | 1,6 | 0,9 | 23,2 | 1.240 |
| West Kalimantan | 18,1 | 13,2 | 16,1 | 5,0 | 4,5 | 9,4 | 33,6 | 762 |
| Central Kalimantan | 10,2 | 4,5 | 11,1 | 5,8 | 6,6 | 7,8 | 54,0 | 499 |
| South Kalimantan | 13,9 | 8,3 | 5,9 | 5,8 | 3,1 | 5,6 | 57,4 | 881 |
| East Kalimantan | 22,4 | 23,8 | 18,6 | 2,9 | 8,7 | 11,5 | 12,2 | 526 |
| North Kalimantan | 22,3 | 3,9 | 49,5 | 3,9 | 4,6 | 13,1 | 2,7 | 144 |
| North Sulawesi | 26,6 | 25,3 | 21,1 | 9,3 | 4,3 | 1,8 | 11,7 | 356 |
| Central Sulawesi | 15,2 | 11,3 | 11,5 | 6,5 | 1,5 | 0,5 | 53,5 | 522 |
| South Sulawesi | 23,2 | 16,8 | 14,4 | 6,3 | 1,0 | 1,7 | 36,5 | 1.205 |
| Southeast Sulawesi | 14,6 | 7,5 | 11,9 | 4,2 | 1,1 | 0,3 | 60,5 | 434 |
| Gorontalo | 24,4 | 8,0 | 10,5 | 6,0 | 0,2 | 0,5 | 50,3 | 170 |
| West Sulawesi | 17,0 | 3,8 | 11,6 | 2,0 | 1,5 | 0 | 64,0 | 259 |
| Maluku | 18,6 | 8,4 | 8,9 | 4,4 | 0,5 | 0,2 | 58,9 | 224 |
| North Maluku | 14,9 | 1,9 | 13,1 | 5,5 | 0,9 | 1,7 | 62,0 | 205 |
| West Papua | 15,7 | 9,7 | 34,3 | 4,6 | 1,2 | 0 | 34,4 | 69 |
| Southwest Papua | 24,2 | 5,5 | 23,8 | 9,8 | 2,3 | 0,6 | 33,8 | 62 |
| Papua | 27,9 | 20,3 | 23,7 | 9,2 | 0,6 | 0,5 | 17,8 | 184 |
| South Papua | 21,1 | 6,0 | 29,2 | 9,4 | 9,2 | 3,3 | 21,8 | 75 |
| Central Papua | 30,0 | 20,3 | 29,4 | 2,9 | 9,5 | 0 | 7,9 | 68 |
| Highland Papua | 23,6 | 9,4 | 15,0 | 11,0 | 0,4 | 0 | 40,6 | 96 |
| INDONESIA | 12,7 | 19,6 | 12,5 | 4,3 | 6,1 | 19,6 | 25,3 | 52.851 |

Table 13.38 Proportion of Second Neonatal Visit (KN2) History Based on Examination Place in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Examination Place for KN2 | | | | | | | Weighted N |
|--|---------------------------|------------------|---------------------------------|-------------------------------------|--------|------------------|---------|------------|
| | Government Hospital | Private Hospital | Puskesmas/ Pustu/ Pusling | Posyandu/ Poskesdes/ Polindes | Clinic | Medical Practice | At Home | |
| Age Range | | | | | | | | |
| 0-5 months | 14.0 | 21.8 | 12.9 | 5.5 | 5.5 | 15.3 | 25.0 | 4,006 |
| 6-11 months | 14.0 | 19.8 | 11.8 | 4.4 | 6.3 | 18.8 | 24.9 | 4,574 |
| 12-23 months | 12.9 | 21.0 | 11.2 | 3.9 | 6.3 | 20.1 | 24.6 | 9,972 |
| 24-35 months | 11.9 | 19.8 | 12.0 | 4.0 | 6.4 | 21.3 | 24.6 | 10,808 |
| 36-47 months | 12.4 | 18.5 | 14.2 | 4.3 | 5.7 | 19.2 | 25.7 | 11,730 |
| 48-59 months | 12.5 | 18.3 | 12.4 | 4.5 | 6.0 | 19.7 | 26.6 | 11,761 |
| Sex | | | | | | | | |
| Male | 13.2 | 20.0 | 12.3 | 4.2 | 5.8 | 19.2 | 25.3 | 26,894 |
| Female | 12.1 | 19.1 | 12.7 | 4.5 | 6.3 | 20.0 | 25.4 | 25,957 |
| Head of Household Education | | | | | | | | |
| Never attended school | 12.0 | 8.7 | 19.7 | 11.7 | 1.4 | 17.6 | 28.8 | 849 |
| Some primary school/Islamic primary school | 12.3 | 9.3 | 15.2 | 6.9 | 4.4 | 19.8 | 32.1 | 1,631 |
| Primary school/Islamic primary school graduate | 10.1 | 9.5 | 15.3 | 5.9 | 4.1 | 21.9 | 33.3 | 8,568 |
| Junior secondary school/Islamic junior secondary school graduate | 11.1 | 12.6 | 13.9 | 5.1 | 4.9 | 21.2 | 31.2 | 10,251 |
| Senior secondary school/Islamic senior secondary school graduate | 13.6 | 21.8 | 11.8 | 3.4 | 7.5 | 20.0 | 21.9 | 22,689 |
| D1/D2/D3/university graduate | 14.8 | 34.6 | 8.6 | 3.1 | 6.4 | 14.5 | 18.0 | 8,862 |
| Head of Household Occupation | | | | | | | | |
| Unemployed | 13.1 | 20.3 | 15.6 | 4.1 | 5.1 | 14.4 | 27.3 | 1,177 |
| Student | 8.7 | 26.8 | 10.9 | 0.8 | 13.7 | 19.0 | 20.2 | 121 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 19.0 | 30.8 | 8.6 | 3.1 | 6.6 | 11.6 | 20.2 | 3,069 |
| Private employee | 13.8 | 29.8 | 11.9 | 2.4 | 8.6 | 20.2 | 13.3 | 12,916 |
| Self-employed | 11.4 | 18.1 | 11.1 | 4.7 | 6.3 | 20.2 | 28.1 | 15,632 |
| Farmer/farm worker | 10.5 | 9.4 | 14.5 | 7.5 | 2.9 | 16.0 | 39.3 | 9,223 |
| Fisher | 13.3 | 8.4 | 17.5 | 4.0 | 2.7 | 11.3 | 42.9 | 894 |
| Labor/driver/domestic help | 13.2 | 13.5 | 15.2 | 3.7 | 5.4 | 27.6 | 21.4 | 7,465 |
| Other | 13.3 | 20.8 | 10.0 | 4.2 | 5.2 | 17.0 | 29.5 | 2,355 |
| Residence | | | | | | | | |
| Urban | 14.0 | 25.5 | 11.5 | 2.7 | 8.0 | 21.6 | 16.8 | 31,405 |
| Rural | 10.7 | 10.9 | 13.9 | 6.7 | 3.3 | 16.7 | 37.9 | 21,446 |
| Economic Status | | | | | | | | |
| Lowest | 11.7 | 7.1 | 17.9 | 6.9 | 2.6 | 14.4 | 39.5 | 5,471 |
| Lower middle | 11.5 | 10.5 | 14.6 | 6.2 | 3.1 | 19.8 | 34.3 | 8,499 |
| Middle | 11.6 | 13.7 | 14.2 | 5.1 | 4.9 | 20.6 | 29.9 | 11,000 |
| Upper middle | 12.5 | 18.8 | 12.4 | 3.9 | 7.5 | 21.7 | 23.2 | 13,025 |
| Highest | 14.6 | 34.3 | 8.1 | 2.1 | 8.6 | 18.7 | 13.5 | 14,855 |

Table 13.39 Proportion of Third Neonatal Visit (KN3) History Based on Examination Place in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Examination Place for KN3 | | | | | | | Weighted N |
|--------------------|---------------------------|------------------|---------------------------------|-------------------------------------|------------|------------------|-------------|---------------|
| | Government Hospital | Private Hospital | Puskesmas/ Pustu/ Pusling | Posyandu/ Poskesdes/ Polindes | Clinic | Medical Practice | At Home | |
| Aceh | 6.5 | 3.0 | 4.7 | 3.6 | 2.8 | 6.2 | 73.2 | 644 |
| North Sumatra | 7.6 | 8.4 | 10.0 | 9.8 | 8.7 | 9.0 | 46.5 | 1,311 |
| West Sumatra | 11.1 | 16.2 | 13.2 | 20.4 | 3.6 | 11.5 | 24.0 | 587 |
| Riau | 9.0 | 23.8 | 13.2 | 9.7 | 11.0 | 9.1 | 24.3 | 492 |
| Jambi | 3.9 | 7.4 | 15.7 | 14.5 | 7.0 | 13.0 | 38.4 | 378 |
| South Sumatra | 10.5 | 12.9 | 9.9 | 13.4 | 5.6 | 26.1 | 21.6 | 856 |
| Bengkulu | 5.4 | 6.6 | 6.2 | 4.2 | 2.5 | 24.0 | 51.0 | 217 |
| Lampung | 6.6 | 13.7 | 5.2 | 8.5 | 5.9 | 49.6 | 10.5 | 1,368 |
| Bangka Belitung | 8.3 | 10.2 | 10.6 | 8.1 | 3.3 | 8.2 | 51.3 | 167 |
| Riau Islands | 12.3 | 18.1 | 7.6 | 8.0 | 18.0 | 27.9 | 8.1 | 242 |
| DKI Jakarta | 18.6 | 30.3 | 27.6 | 0.3 | 10.8 | 12.0 | 0.4 | 1,650 |
| West Java | 7.1 | 15.3 | 9.0 | 6.7 | 10.8 | 39.4 | 11.8 | 7,646 |
| Central Java | 10.8 | 14.5 | 18.2 | 8.6 | 5.5 | 21.7 | 20.8 | 4,273 |
| DI Yogyakarta | 19.4 | 32.7 | 16.1 | 0 | 13.0 | 18.3 | 0.4 | 491 |
| East Java | 7.6 | 17.9 | 13.1 | 15.5 | 3.0 | 29.3 | 13.6 | 5,191 |
| Banten | 8.1 | 24.0 | 16.3 | 9.8 | 12.2 | 24.2 | 5.4 | 1,487 |
| Bali | 15.4 | 35.0 | 17.9 | 1.4 | 5.2 | 24.1 | 1.0 | 756 |
| West Nusa Tenggara | 4.6 | 3.4 | 8.8 | 31.2 | 0.7 | 1.6 | 49.7 | 869 |
| East Nusa Tenggara | 11.1 | 6.4 | 42.1 | 16.6 | 1.8 | 0.8 | 21.2 | 949 |
| West Kalimantan | 10.5 | 11.3 | 21.4 | 16.2 | 7.9 | 9.1 | 23.6 | 452 |
| Central Kalimantan | 7.7 | 4.6 | 12.7 | 13.0 | 10.4 | 8.9 | 42.8 | 295 |
| South Kalimantan | 9.7 | 5.3 | 10.2 | 13.3 | 4.3 | 7.8 | 49.3 | 510 |
| East Kalimantan | 20.5 | 19.2 | 23.3 | 6.9 | 9.5 | 11.9 | 8.7 | 303 |
| North Kalimantan | 18.0 | 2.8 | 53.1 | 8.9 | 5.5 | 9.8 | 1.9 | 96 |
| North Sulawesi | 11.7 | 15.9 | 33.0 | 27.6 | 2.0 | 1.6 | 8.1 | 246 |
| Central Sulawesi | 6.1 | 5.2 | 15.4 | 18.0 | 1.1 | 0.5 | 53.7 | 317 |
| South Sulawesi | 9.4 | 8.9 | 17.4 | 18.6 | 1.0 | 1.8 | 43.0 | 710 |
| Southeast Sulawesi | 7.5 | 3.2 | 14.0 | 12.3 | 0.5 | 0.8 | 61.8 | 222 |
| Gorontalo | 5.6 | 3.4 | 11.9 | 32.6 | 0.1 | 0.4 | 45.9 | 128 |
| West Sulawesi | 8.0 | 1.7 | 10.2 | 2.5 | 0.8 | 0 | 76.9 | 162 |
| Maluku | 8.2 | 3.8 | 12.0 | 17.9 | 0.8 | 0.8 | 56.5 | 123 |
| North Maluku | 6.5 | 2.0 | 15.4 | 11.7 | 1.6 | 1.9 | 60.9 | 139 |
| West Papua | 7.4 | 7.4 | 38.1 | 14.1 | 0.6 | 0 | 32.4 | 46* |
| Southwest Papua | 16.6 | 5.6 | 27.0 | 23.8 | 1.1 | 1.7 | 24.2 | 35* |
| Papua | 16.8 | 19.1 | 25.6 | 21.0 | 1.5 | 0.6 | 15.4 | 150 |
| South Papua | 9.4 | 3.0 | 32.7 | 27.4 | 8.1 | 2.3 | 17.1 | 65 |
| Central Papua | 21.4 | 7.1 | 49.0 | 8.8 | 9.2 | 0 | 4.6 | 58 |
| Highland Papua | 31.7 | 8.0 | 22.2 | 14.3 | 0 | 0 | 23.8 | 61 |
| INDONESIA | 9.3 | 15.3 | 14.5 | 10.6 | 6.8 | 23.3 | 20.2 | 33,694 |

* Weighted N <50

Table 13.40 Proportion of Third Neonatal Visit (KN3) History Based on Examination Place in Children Aged 0-59 Months by Characteristics, 2023 SKI

| Characteristic | Examination Place for KN3 | | | | | | | Weighted N |
|--|---------------------------|------------------|---------------------------------|-------------------------------------|--------|------------------|---------|------------|
| | Government Hospital | Private Hospital | Puskesmas/ Pustu/ Pusling | Posyandu/ Poskesdes/ Polindes | Clinic | Medical Practice | At Home | |
| Age Range | | | | | | | | |
| 0-5 months | 9.7 | 15.0 | 16.0 | 14.1 | 6.2 | 19.7 | 19.3 | 2,294 |
| 6-11 months | 10.7 | 14.8 | 14.3 | 9.8 | 6.2 | 23.2 | 20.8 | 3,016 |
| 12-23 months | 10.0 | 16.3 | 12.8 | 11.0 | 6.4 | 23.9 | 19.5 | 6,372 |
| 24-35 months | 8.3 | 16.1 | 14.0 | 9.7 | 7.2 | 25.5 | 19.2 | 6,980 |
| 36-47 months | 9.0 | 14.4 | 15.9 | 10.4 | 6.8 | 22.3 | 21.3 | 7,410 |
| 48-59 months | 9.2 | 15.0 | 14.7 | 10.6 | 6.9 | 22.8 | 20.8 | 7,621 |
| Sex | | | | | | | | |
| Male | 9.6 | 16.0 | 14.5 | 10.6 | 6.2 | 23.2 | 19.9 | 17,029 |
| Female | 9.0 | 14.7 | 14.5 | 10.6 | 7.3 | 23.4 | 20.5 | 16,665 |
| Head of Household Education | | | | | | | | |
| Never attended school | 7.8 | 4.4 | 23.3 | 21.6 | 1.2 | 18.1 | 23.7 | 525 |
| Some primary school/Islamic primary school | 8.8 | 7.0 | 17.2 | 16.1 | 4.4 | 20.2 | 26.2 | 1,026 |
| Primary school/Islamic primary school graduate | 6.2 | 5.9 | 15.6 | 14.4 | 4.1 | 25.7 | 28.0 | 5,372 |
| Junior secondary school/Islamic junior secondary school graduate | 7.3 | 8.8 | 16.1 | 12.1 | 5.1 | 26.6 | 23.9 | 6,365 |
| Senior secondary school/Islamic senior secondary school graduate | 10.5 | 16.1 | 14.5 | 9.3 | 8.5 | 23.6 | 17.4 | 14,477 |
| D1/D2/D3/university graduate | 11.3 | 31.5 | 10.7 | 6.7 | 7.6 | 17.5 | 14.7 | 5,930 |
| Head of Household Occupation | | | | | | | | |
| Unemployed | 8.8 | 16.1 | 16.8 | 11.2 | 3.7 | 18.9 | 24.5 | 763 |
| Student | 4.8 | 23.8 | 14.5 | 5.1 | 17.1 | 17.8 | 17.0 | 66 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 14.9 | 25.9 | 11.1 | 8.0 | 8.7 | 14.0 | 17.4 | 1,982 |
| Private employee | 10.7 | 25.0 | 14.0 | 6.2 | 10.2 | 24.3 | 9.6 | 8,628 |
| Self-employed | 8.4 | 13.4 | 13.5 | 10.8 | 6.9 | 24.8 | 22.2 | 9,689 |
| Farmer/farm worker | 6.6 | 6.4 | 16.6 | 17.1 | 2.5 | 17.3 | 33.6 | 5,749 |
| Fisher | 9.2 | 5.0 | 19.5 | 12.3 | 2.1 | 13.0 | 38.8 | 535 |
| Labor/driver/domestic help | 9.5 | 8.8 | 16.0 | 11.3 | 5.9 | 32.3 | 16.2 | 4,800 |
| Other | 9.7 | 16.8 | 13.1 | 10.2 | 5.5 | 20.0 | 24.6 | 1,482 |
| Residence | | | | | | | | |
| Urban | 10.9 | 20.9 | 14.2 | 6.7 | 9.0 | 25.6 | 12.7 | 20,351 |
| Rural | 6.7 | 6.8 | 15.0 | 16.6 | 3.3 | 19.7 | 31.8 | 13,343 |
| Economic Status | | | | | | | | |
| Lowest | 6.4 | 3.8 | 19.9 | 16.5 | 2.6 | 16.8 | 34.0 | 3,449 |
| Lower middle | 8.1 | 6.0 | 16.4 | 15.2 | 3.4 | 22.8 | 28.1 | 5,086 |
| Middle | 7.7 | 9.4 | 15.9 | 13.3 | 5.3 | 24.0 | 24.3 | 6,806 |
| Upper middle | 9.4 | 13.1 | 15.2 | 9.3 | 7.7 | 27.0 | 18.3 | 8,312 |
| Highest | 11.8 | 29.9 | 10.3 | 5.5 | 10.1 | 22.1 | 10.3 | 10,041 |

Table 13.41 Proportion of Types of Services Received During Neonatal Visits (0-28 Days) in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Types of Services During Neonatal Visits (%) | | | | | | | | | | | | Weighted N |
|--------------------|--|-------------------|-------------|----------------------|-------------|-------------|---------------|---------------------|---------------------|----------------------------|----------------|----------------------------|---------------|
| | Check Body Weight | Check Body Length | Check Temp. | Umbili cal Cord Care | Hb-0 | Vit K | Eye Ointme nt | Check Health Status | Breast-feeding type | Check Breast-feeding Issue | Check Diarrhea | Educate about danger signs | |
| Aceh | 96.7 | 92.5 | 79.9 | 90.7 | 79.6 | 69.3 | 62.6 | 77.9 | 83.5 | 75.5 | 63.3 | 67.9 | 1,725 |
| North Sumatra | 95.0 | 91.9 | 79.1 | 89.0 | 81.7 | 62.7 | 44.7 | 68.8 | 73.1 | 63.0 | 47.1 | 55.3 | 4,690 |
| West Sumatra | 98.0 | 97.2 | 87.5 | 93.8 | 89.0 | 83.6 | 70.6 | 82.1 | 85.8 | 79.0 | 61.1 | 71.9 | 1,723 |
| Riau | 97.1 | 96.4 | 86.4 | 94.6 | 90.6 | 77.8 | 66.5 | 80.1 | 83.7 | 75.1 | 57.3 | 65.0 | 1,978 |
| Jambi | 98.9 | 96.7 | 87.4 | 93.6 | 94.3 | 85.9 | 80.4 | 87.3 | 90.4 | 84.4 | 69.1 | 77.1 | 1,102 |
| South Sumatra | 97.5 | 95.3 | 85.8 | 93.4 | 91.5 | 80.8 | 77.3 | 81.3 | 82.8 | 75.0 | 59.4 | 68.9 | 2,513 |
| Bengkulu | 98.2 | 96.4 | 85.3 | 92.8 | 93.4 | 88.7 | 83.5 | 82.7 | 85.8 | 79.7 | 64.5 | 71.7 | 612 |
| Lampung | 99.0 | 98.4 | 91.7 | 96.1 | 97.2 | 91.7 | 88.8 | 86.3 | 84.5 | 77.2 | 58.8 | 67.4 | 2,736 |
| Bangka Belitung | 98.1 | 97.9 | 93.1 | 94.1 | 93.3 | 93.5 | 91.4 | 87.5 | 91.2 | 82.4 | 74.0 | 81.3 | 441 |
| Riau Islands | 99.2 | 99.3 | 95.1 | 93.0 | 97.1 | 90.4 | 79.1 | 89.7 | 89.7 | 81.9 | 64.4 | 73.2 | 681 |
| DKI Jakarta | 98.9 | 98.6 | 95.4 | 93.0 | 95.0 | 89.3 | 84.8 | 90.1 | 89.2 | 85.0 | 73.7 | 77.7 | 2,594 |
| West Java | 98.6 | 97.5 | 87.5 | 91.4 | 94.6 | 88.9 | 82.9 | 86.6 | 84.3 | 75.5 | 62.1 | 70.3 | 13,842 |
| Central Java | 98.8 | 98.2 | 92.9 | 95.4 | 96.6 | 92.9 | 87.8 | 90.4 | 91.3 | 85.1 | 71.0 | 78.7 | 9,774 |
| DI Yogyakarta | 99.7 | 99.4 | 96.4 | 96.0 | 98.3 | 97.1 | 91.9 | 94.0 | 90.9 | 86.2 | 71.4 | 79.8 | 859 |
| East Java | 98.5 | 97.9 | 92.1 | 94.0 | 95.8 | 90.7 | 87.3 | 88.4 | 90.0 | 83.5 | 70.2 | 76.7 | 10,150 |
| Banten | 97.3 | 95.8 | 86.1 | 93.0 | 94.4 | 87.8 | 82.8 | 83.7 | 85.1 | 78.8 | 59.2 | 69.9 | 3,386 |
| Bali | 99.2 | 99.0 | 97.3 | 97.6 | 98.5 | 96.7 | 91.9 | 94.1 | 94.0 | 91.6 | 88.0 | 91.5 | 1,133 |
| West Nusa Tenggara | 98.0 | 96.6 | 91.3 | 95.4 | 96.2 | 93.5 | 90.7 | 90.5 | 92.9 | 87.9 | 76.9 | 83.8 | 1,759 |
| East Nusa Tenggara | 97.5 | 96.1 | 92.5 | 94.2 | 94.6 | 92.2 | 88.6 | 89.9 | 91.3 | 88.1 | 81.7 | 85.2 | 1,796 |
| West Kalimantan | 97.9 | 97.2 | 87.2 | 93.6 | 92.5 | 85.9 | 78.0 | 81.0 | 82.0 | 74.8 | 61.8 | 67.9 | 1,610 |
| Central Kalimantan | 97.1 | 95.7 | 88.3 | 94.7 | 94.1 | 88.2 | 87.8 | 85.3 | 88.2 | 82.2 | 70.7 | 79.2 | 785 |
| South Kalimantan | 98.3 | 97.9 | 94.7 | 96.7 | 94.7 | 94.2 | 91.6 | 89.3 | 92.1 | 87.6 | 76.8 | 82.4 | 1,236 |
| East Kalimantan | 97.4 | 97.3 | 93.5 | 91.6 | 95.4 | 91.8 | 85.7 | 86.7 | 87.2 | 81.5 | 64.4 | 73.1 | 1,054 |
| North Kalimantan | 98.8 | 98.5 | 90.9 | 94.4 | 96.5 | 91.3 | 89.9 | 86.1 | 85.6 | 80.5 | 69.2 | 74.4 | 206 |
| North Sulawesi | 98.0 | 96.6 | 85.5 | 93.4 | 91.4 | 80.4 | 71.2 | 81.6 | 83.4 | 74.4 | 58.8 | 65.6 | 635 |
| Central Sulawesi | 95.9 | 94.2 | 87.6 | 89.2 | 89.9 | 86.7 | 78.9 | 80.1 | 80.9 | 74.0 | 60.7 | 65.3 | 870 |
| South Sulawesi | 98.0 | 97.0 | 88.5 | 89.3 | 91.1 | 83.9 | 75.3 | 81.2 | 83.1 | 77.4 | 62.9 | 68.1 | 2,565 |
| Southeast Sulawesi | 95.4 | 91.8 | 80.6 | 87.0 | 89.2 | 84.9 | 69.9 | 71.2 | 74.4 | 62.9 | 47.1 | 59.2 | 854 |
| Gorontalo | 97.6 | 97.1 | 93.5 | 93.3 | 93.5 | 90.4 | 79.4 | 91.1 | 93.2 | 87.9 | 78.7 | 84.6 | 319 |
| West Sulawesi | 97.4 | 96.4 | 89.5 | 92.6 | 92.5 | 86.9 | 81.7 | 86.8 | 86.2 | 82.3 | 71.4 | 75.0 | 447 |
| Maluku | 93.8 | 84.7 | 60.4 | 86.2 | 84.1 | 70.0 | 62.3 | 64.4 | 68.1 | 54.3 | 38.5 | 53.2 | 463 |
| North Maluku | 95.2 | 91.0 | 80.0 | 90.0 | 90.0 | 85.8 | 79.6 | 77.0 | 78.9 | 71.1 | 61.4 | 65.6 | 370 |
| West Papua | 93.4 | 92.6 | 75.5 | 85.9 | 85.4 | 77.1 | 75.5 | 80.0 | 78.7 | 71.8 | 61.1 | 65.0 | 132 |
| Southwest Papua | 93.9 | 91.0 | 74.1 | 87.9 | 88.4 | 79.3 | 73.4 | 67.3 | 69.7 | 57.5 | 43.5 | 52.0 | 155 |
| Papua | 95.9 | 94.0 | 87.3 | 91.3 | 89.2 | 83.0 | 80.6 | 82.8 | 76.4 | 70.1 | 64.4 | 68.4 | 318 |
| South Papua | 95.9 | 95.2 | 82.8 | 88.3 | 87.6 | 83.4 | 80.7 | 79.4 | 80.5 | 73.1 | 63.7 | 71.7 | 182 |
| Central Papua | 93.6 | 92.4 | 79.6 | 83.9 | 76.8 | 70.9 | 62.7 | 69.0 | 72.2 | 68.0 | 55.4 | 62.9 | 188 |
| Highland Papua | 98.7 | 98.4 | 74.1 | 89.8 | 82.8 | 77.5 | 73.2 | 92.1 | 93.2 | 87.2 | 71.5 | 80.0 | 154 |
| INDONESIA | 98.0 | 96.7 | 88.8 | 92.9 | 93.2 | 86.8 | 80.5 | 85.1 | 86.0 | 78.9 | 65.0 | 72.4 | 76,038 |

Table 13.42 Proportion of Types of Services Received During Neonatal Visits (0-28 Days) in Children Aged 0-59 Months by Characteristics, 2023 SKI

| Characteristic | Types of Services During Neonatal Visits (%) | | | | | | | | | | | | Weighted N |
|--|--|-------------------|-------------|----------------------|------|-------|---------------|---------------------|---------------------|----------------------------|----------------|----------------------------|------------|
| | Check Body Weight | Check Body Length | Check Temp. | Umbili cal Cord Care | Hb-0 | Vit K | Eye Oint ment | Check Health Status | Breast-feeding type | Check Breast-feeding Issue | Check Diarrhea | Educate about danger signs | |
| Age Range | | | | | | | | | | | | | |
| 0-5 months | 98.3 | 97.3 | 89.1 | 93.0 | 93.9 | 86.6 | 82.0 | 85.5 | 85.8 | 79.7 | 65.6 | 72.6 | 6,026 |
| 6-11 months | 97.7 | 96.4 | 89.1 | 92.9 | 93.2 | 87.0 | 80.3 | 85.3 | 85.6 | 78.5 | 64.8 | 71.7 | 6,618 |
| 12-23 months | 98.3 | 97.0 | 88.6 | 93.1 | 93.6 | 87.6 | 81.0 | 85.7 | 86.4 | 79.3 | 64.8 | 72.8 | 14,404 |
| 24-35 months | 97.7 | 96.4 | 88.5 | 92.6 | 93.1 | 86.9 | 80.9 | 85.1 | 85.8 | 78.8 | 65.2 | 73.0 | 15,558 |
| 36-47 months | 98.0 | 97.0 | 89.4 | 93.4 | 93.4 | 87.1 | 81.1 | 85.1 | 86.3 | 79.3 | 65.3 | 72.6 | 16,687 |
| 48-59 months | 97.8 | 96.5 | 88.4 | 92.6 | 92.6 | 85.8 | 78.8 | 84.4 | 85.8 | 78.2 | 64.4 | 71.7 | 16,745 |
| Sex | | | | | | | | | | | | | |
| Male | 97.9 | 96.7 | 88.7 | 92.9 | 93.2 | 86.6 | 80.2 | 85.2 | 85.8 | 78.9 | 64.9 | 72.3 | 38,814 |
| Female | 98.0 | 96.8 | 88.9 | 93.0 | 93.3 | 87.1 | 80.9 | 85.0 | 86.2 | 79.0 | 65.0 | 72.5 | 37,224 |
| Head of Household Education | | | | | | | | | | | | | |
| Never attended school | 97.1 | 94.1 | 84.3 | 90.4 | 89.1 | 82.8 | 76.1 | 83.6 | 84.2 | 78.7 | 65.3 | 72.1 | 1,286 |
| Some primary school/Islamic primary school | 96.2 | 94.9 | 85.3 | 90.6 | 89.0 | 84.2 | 76.8 | 80.4 | 83.2 | 76.2 | 63.1 | 71.0 | 2,490 |
| Primary school/Islamic primary school graduate | 97.5 | 96.0 | 86.9 | 92.4 | 92.3 | 86.2 | 80.8 | 83.1 | 83.9 | 77.3 | 65.2 | 71.9 | 12,624 |
| Junior secondary school/Islamic junior secondary school graduate | 98.1 | 96.6 | 88.6 | 93.4 | 93.1 | 87.0 | 80.8 | 84.7 | 85.7 | 78.2 | 64.2 | 71.8 | 14,969 |
| Senior secondary school/Islamic senior secondary school graduate | 98.2 | 97.1 | 89.1 | 93.0 | 93.6 | 86.8 | 79.9 | 85.4 | 86.4 | 78.8 | 64.3 | 71.8 | 32,226 |
| D1/D2/D3/university graduate | 98.2 | 97.5 | 91.3 | 93.6 | 94.8 | 88.4 | 82.9 | 87.9 | 88.3 | 82.3 | 67.8 | 75.7 | 12,443 |
| Head of Household Occupation | | | | | | | | | | | | | |
| Unemployed | 96.9 | 96.1 | 89.0 | 91.8 | 91.0 | 85.2 | 77.8 | 83.3 | 85.8 | 74.8 | 59.1 | 68.8 | 1,798 |
| Student | 98.5 | 98.0 | 84.5 | 87.3 | 94.8 | 87.6 | 88.6 | 84.5 | 81.1 | 72.3 | 58.0 | 70.1 | 173 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 98.1 | 97.3 | 90.3 | 93.6 | 94.5 | 88.9 | 82.8 | 86.5 | 87.8 | 82.1 | 69.4 | 76.6 | 4,420 |
| Private employee | 98.7 | 98.0 | 91.2 | 93.5 | 95.6 | 89.3 | 82.8 | 88.4 | 87.9 | 80.7 | 65.7 | 73.6 | 17,621 |
| Self-employed | 97.9 | 96.7 | 88.9 | 93.0 | 92.9 | 86.2 | 79.7 | 84.6 | 86.0 | 78.9 | 65.0 | 72.5 | 22,314 |
| Farmer/farm worker | 97.3 | 95.0 | 85.6 | 92.8 | 91.4 | 84.4 | 77.6 | 82.7 | 84.5 | 77.9 | 65.2 | 71.7 | 13,975 |
| Fisher | 95.9 | 94.0 | 83.7 | 89.7 | 88.1 | 80.9 | 72.4 | 78.8 | 80.4 | 74.6 | 63.3 | 68.9 | 1,424 |
| Labor/driver/domestic help | 98.2 | 97.3 | 88.6 | 92.1 | 92.9 | 87.2 | 82.5 | 84.0 | 84.6 | 77.3 | 63.1 | 70.8 | 10,873 |
| Other | 97.9 | 96.6 | 89.7 | 94.0 | 94.0 | 87.5 | 81.9 | 86.7 | 87.2 | 79.8 | 64.5 | 72.2 | 3,441 |
| Residence | | | | | | | | | | | | | |
| Urban | 98.3 | 97.6 | 90.0 | 93.0 | 94.2 | 87.8 | 81.1 | 86.0 | 86.6 | 79.3 | 64.4 | 72.4 | 44,303 |
| Rural | 97.4 | 95.6 | 87.2 | 92.9 | 92.0 | 85.4 | 79.7 | 83.8 | 85.1 | 78.4 | 65.7 | 72.4 | 31,735 |
| Economic Status | | | | | | | | | | | | | |
| Lowest | 96.9 | 94.5 | 84.9 | 91.2 | 89.3 | 82.7 | 76.2 | 80.7 | 82.1 | 75.8 | 63.2 | 70.3 | 8,500 |
| Lower middle | 97.2 | 95.5 | 86.5 | 92.1 | 91.9 | 85.1 | 78.3 | 82.4 | 84.8 | 76.6 | 62.5 | 70.2 | 12,672 |
| Middle | 98.0 | 96.9 | 88.9 | 93.2 | 93.5 | 87.3 | 81.4 | 84.6 | 85.6 | 78.6 | 64.6 | 71.2 | 15,797 |
| Upper middle | 98.2 | 97.0 | 89.0 | 93.4 | 93.5 | 87.1 | 81.0 | 86.1 | 86.6 | 79.7 | 65.4 | 72.9 | 18,712 |
| Highest | 98.6 | 98.0 | 91.6 | 93.6 | 95.2 | 89.0 | 82.7 | 88.1 | 88.1 | 81.2 | 67.1 | 75.2 | 20,355 |

Table 13.43 Proportion of Umbilical Cord Care Methods in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Umbilical Cord Care Methods (%) | | | | | Weighted N |
|--------------------|---------------------------------|----------------------|--------------------|-----------------------|------------|---------------|
| | Nothing Given | Betadine/ Alcohol | Powder Medicine | Traditional Remedy | Unknown | |
| Aceh | 64.5 | 20.2 | 3.1 | 1.7 | 10.5 | 1,928 |
| North Sumatra | 45.0 | 34.2 | 1.7 | 0.9 | 18.3 | 5,421 |
| West Sumatra | 62.0 | 29.3 | 1.3 | 0.4 | 7.1 | 1,907 |
| Riau | 45.4 | 42.7 | 1.2 | 1.4 | 9.3 | 2,289 |
| Jambi | 72.3 | 18.6 | 1.6 | 0.4 | 7.2 | 1,228 |
| South Sumatra | 50.8 | 37.7 | 1.3 | 1.9 | 8.2 | 2,854 |
| Bengkulu | 76.5 | 16.0 | 1.5 | 0.7 | 5.3 | 693 |
| Lampung | 77.3 | 14.2 | 0.7 | 0.2 | 7.6 | 3,021 |
| Bangka Belitung | 73.6 | 19.8 | 0.8 | 1.3 | 4.5 | 488 |
| Riau Islands | 70.9 | 18.9 | 1.1 | 1.3 | 7.8 | 737 |
| DKI Jakarta | 80.1 | 13.8 | 0.8 | 0.4 | 5 | 2,887 |
| West Java | 65.0 | 26.4 | 0.8 | 0.8 | 7.1 | 15,280 |
| Central Java | 70.9 | 21.6 | 0.9 | 0.2 | 6.4 | 10,698 |
| DI Yogyakarta | 81.6 | 11.1 | 1.2 | 0.2 | 5.9 | 930 |
| East Java | 78.8 | 12.0 | 0.9 | 0.3 | 8 | 11,043 |
| Banten | 68.8 | 20.7 | 1.9 | 2.1 | 6.5 | 3,817 |
| Bali | 93.7 | 2.6 | 0.9 | 0.1 | 2.8 | 1,203 |
| West Nusa Tenggara | 80.9 | 12.6 | 1.0 | 2.1 | 3.4 | 1,951 |
| East Nusa Tenggara | 72.8 | 13.6 | 1.2 | 2.2 | 10.1 | 2,189 |
| West Kalimantan | 63.5 | 21.3 | 2.2 | 4.7 | 8.3 | 1,891 |
| Central Kalimantan | 63.1 | 21.9 | 1.1 | 4.6 | 9.3 | 921 |
| South Kalimantan | 81.8 | 10.2 | 0.7 | 0.4 | 7.0 | 1,387 |
| East Kalimantan | 75.0 | 17.5 | 1.7 | 0.6 | 5.2 | 1,245 |
| North Kalimantan | 90.6 | 4.3 | 1.0 | 0.3 | 3.8 | 245 |
| North Sulawesi | 23.5 | 64.3 | 0.9 | 0.1 | 11.2 | 764 |
| Central Sulawesi | 64.3 | 19.1 | 1.8 | 1.2 | 13.6 | 1,042 |
| South Sulawesi | 58.9 | 24.1 | 1.0 | 0.4 | 15.6 | 2,985 |
| Southeast Sulawesi | 67.4 | 12.9 | 3.6 | 2.9 | 13.1 | 1,017 |
| Gorontalo | 73.5 | 11.3 | 7.9 | 1.5 | 5.8 | 400 |
| West Sulawesi | 71.4 | 16.4 | 1.4 | 0.8 | 9.9 | 537 |
| Maluku | 47.8 | 31.6 | 2.6 | 8.7 | 9.2 | 681 |
| North Maluku | 47.7 | 24.9 | 2.7 | 14.8 | 9.8 | 476 |
| West Papua | 58.1 | 18.1 | 2.4 | 5.2 | 16.2 | 212 |
| Southwest Papua | 57.2 | 24.3 | 0.7 | 6.1 | 11.7 | 229 |
| Papua | 55.1 | 24.7 | 1.3 | 4.5 | 14.4 | 432 |
| South Papua | 72.5 | 9.9 | 2.0 | 4.3 | 11.3 | 287 |
| Central Papua | 54.5 | 16.6 | 0.7 | 4.1 | 24.1 | 467 |
| Highland Papua | 43.5 | 13.5 | 3.7 | 8.6 | 30.7 | 449 |
| INDONESIA | 67.2 | 21.7 | 1.2 | 1.2 | 8.7 | 86,231 |

Table 13.44 Proportion of Umbilical Cord Care Methods in Children Aged 0-59 Months by Characteristics, 2023 SKI

| Characteristic | Umbilical Cord Care Methods (%) | | | | | Weighted N |
|--|---------------------------------|----------------------|--------------------|-----------------------|--------------|------------|
| | Nothing Given | Betadine/ Alcohol | Powder Medicine | Traditional Remedy | Un- known | |
| Age Range | | | | | | |
| 0-5 months | 73.0 | 18.4 | 1.2 | 0.9 | 6.4 | 6,645 |
| 6-11 months | 69.3 | 19.6 | 1.4 | 1.3 | 8.4 | 7,365 |
| 12-23 months | 68.7 | 21.1 | 1.4 | 1.2 | 7.6 | 16,228 |
| 24-35 months | 67.2 | 21.8 | 1.1 | 1.1 | 8.7 | 17,570 |
| 36-47 months | 65.9 | 22.6 | 1.3 | 1.1 | 9.0 | 19,028 |
| 48-59 months | 64.4 | 23.2 | 1.2 | 1.3 | 10.0 | 19,396 |
| Sex | | | | | | |
| Male | 67.1 | 21.8 | 1.3 | 1.2 | 8.6 | 44,035 |
| Female | 67.3 | 21.6 | 1.2 | 1.2 | 8.7 | 42,196 |
| Head of Household Education | | | | | | |
| Never attended school | 60.9 | 19.2 | 1.3 | 4.0 | 14.6 | 1,794 |
| Some primary school/Islamic primary school | 62.6 | 22.2 | 1.4 | 2.4 | 11.4 | 2,993 |
| Primary school/Islamic primary school graduate | 65.9 | 22.6 | 1.3 | 1.7 | 8.5 | 14,701 |
| Junior secondary school/Islamic junior secondary school graduate | 65.6 | 22.9 | 1.3 | 1.2 | 9.0 | 17,026 |
| Senior secondary school/Islamic senior secondary school graduate | 68.0 | 21.3 | 1.3 | 0.9 | 8.5 | 35,991 |
| D1/D2/D3/university graduate | 70.2 | 20.8 | 0.9 | 0.6 | 7.5 | 13,725 |
| Head of Household Occupation | | | | | | |
| Unemployed | 64.5 | 21.7 | 1.1 | 2.4 | 10.4 | 2,226 |
| Student | 65.8 | 18.6 | 0.0 | 0.4 | 15.2 | 196 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 67.4 | 22.1 | 1.0 | 0.8 | 8.7 | 4,977 |
| Private employee | 71.0 | 20.2 | 0.9 | 0.6 | 7.3 | 19,332 |
| Self-employed | 67.6 | 21.4 | 1.2 | 0.9 | 9.0 | 25,062 |
| Farmer/farm worker | 64.2 | 21.4 | 1.7 | 2.3 | 10.4 | 16,588 |
| Fisher | 61.7 | 22.7 | 1.7 | 2.7 | 11.2 | 1,763 |
| Labor/driver/domestic help | 65.9 | 24.9 | 1.4 | 0.8 | 7.0 | 12,205 |
| Other | 66.6 | 22.4 | 1.2 | 1.3 | 8.6 | 3,882 |
| Residence | | | | | | |
| Urban | 68.6 | 21.6 | 1.1 | 0.7 | 8.1 | 49,430 |
| Rural | 65.3 | 21.9 | 1.5 | 1.9 | 9.5 | 36,801 |
| Economic Status | | | | | | |
| Lowest | 61.9 | 21.3 | 1.9 | 3.5 | 11.5 | 10,761 |
| Lower middle | 64.8 | 22.4 | 1.5 | 1.4 | 9.8 | 14,583 |
| Middle | 67.4 | 22.4 | 1.2 | 0.9 | 8.1 | 17,836 |
| Upper middle | 67.6 | 22.5 | 1.0 | 0.7 | 8.1 | 20,759 |
| Highest | 70.7 | 20.3 | 1.0 | 0.6 | 7.5 | 22,290 |

13.4 CONGENITAL HYPOTHYROIDISM SCREENING (CHS)

This information is based on records (child health record books such as the MCH Book, other health books, laboratory results) or the acknowledgment of respondents with children aged 0-59 months. The CHS process is carried out at 48-72 hours of age.

$$\text{Proportion of CHS} = \frac{\text{Number of children (0-59 months) who received CHS}}{\text{Total number of children}} \times 100\%$$

13.5 CONGENITAL ABNORMALITIES

Information about congenital abnormalities aims to provide an overview of congenital anomalies or congenital conditions present since birth. This information is based on the acknowledgment of respondents with children aged 0-59 months.

$$\text{Proportion of Congenital Abnormalities} = \frac{\text{Number of children (0-59 months) with congenital abnormalities (per type)}}{\text{Total number of children}} \times 100\%$$

Table 13.45 Proportion of Congenital Hypothyroid Screening (CHS) at Birth in Children Aged 0-59 Months Based on Documents and Respondent Acknowledgment by Province, 2023 SKI

| Province | Based on Documents | | | Weighted N | Based on Acknowledgment | | | Weighted N | | |
|--------------------|--------------------|-------------|--------------|--------------|-------------------------|------------|--------------|---------------|--|--|
| | Screened | | Not Screened | | Screened | | Not Screened | | | |
| | 48-72 hrs | >72 hrs | | | 48-72 hrs | >72 hrs | | | | |
| Aceh | 28.3 | 10.9 | 60.7 | 87 | 8.6 | 2.9 | 88.5 | 518 | | |
| North Sumatra | 16.2 | 20.2 | 63.6 | 240 | 11.0 | 1.3 | 87.7 | 1312 | | |
| West Sumatra | 16.1 | 12.5 | 71.4 | 146 | 12.7 | 2.9 | 84.4 | 721 | | |
| Riau | 25.7 | 14.2 | 60.1 | 100 | 10.4 | 2.4 | 87.3 | 694 | | |
| Jambi | 37.0 | 3.6 | 59.4 | 151 | 10.0 | 1.2 | 88.8 | 302 | | |
| South Sumatra | 34.7 | 13.4 | 52.0 | 163 | 10.7 | 2.9 | 86.4 | 1,058 | | |
| Bengkulu | 26.9 | 9.5 | 63.7 | 52 | 12.5 | 4.9 | 82.6 | 261 | | |
| Lampung | 26.2 | 6.5 | 67.3 | 321 | 8.7 | 2.1 | 89.2 | 1,028 | | |
| Bangka Belitung | 42.9 | 10.1 | 47.0 | 94 | 22.4 | 13.1 | 64.5 | 168 | | |
| Riau Islands | 32.2 | 10.6 | 57.2 | 61 | 10.9 | 0.3 | 88.8 | 241 | | |
| DKI Jakarta | 56.2 | 10.5 | 33.3 | 619 | 35.1 | 2.1 | 62.7 | 900 | | |
| West Java | 15.7 | 10.1 | 74.2 | 1,194 | 8.6 | 2.4 | 89.0 | 6,331 | | |
| Central Java | 32.3 | 8.6 | 59.2 | 1,745 | 18.7 | 5.8 | 75.5 | 3,500 | | |
| DI Yogyakarta | 26.6 | 11.1 | 62.3 | 201 | 22.4 | 10.4 | 67.2 | 320 | | |
| East Java | 20.5 | 4.8 | 74.7 | 1,978 | 13.1 | 3.3 | 83.6 | 2,897 | | |
| Banten | 18.0 | 13.8 | 68.2 | 239 | 14.0 | 1.1 | 84.8 | 1,203 | | |
| Bali | 39.2 | 5.2 | 55.6 | 245 | 38.2 | 3.1 | 58.6 | 348 | | |
| West Nusa Tenggara | 31.6 | 5.1 | 63.4 | 287 | 12.3 | 1.3 | 86.4 | 781 | | |
| East Nusa Tenggara | 17.0 | 5.5 | 77.4 | 240 | 10.9 | 1.1 | 88.0 | 579 | | |
| West Kalimantan | 22.7 | 6.3 | 71.1 | 252 | 12.1 | 1.8 | 86.2 | 503 | | |
| Central Kalimantan | 32.3 | 5.9 | 61.8 | 107 | 9.4 | 1.6 | 89.0 | 248 | | |
| South Kalimantan | 19.7 | 7.2 | 73.1 | 203 | 6.4 | 1.1 | 92.6 | 471 | | |
| East Kalimantan | 20.9 | 2.5 | 76.5 | 283 | 10.7 | 2.1 | 87.2 | 377 | | |
| North Kalimantan | 30.2 | 2.6 | 67.2 | 48 | 9.2 | 1.2 | 89.6 | 66 | | |
| North Sulawesi | 26.4 | 8.6 | 65.0 | 53 | 13.3 | 3.9 | 82.8 | 203 | | |
| Central Sulawesi | 14.6 | 8.1 | 77.3 | 81 | 8.0 | 1.8 | 90.2 | 291 | | |
| South Sulawesi | 15.8 | 7.4 | 76.7 | 244 | 13.2 | 1.6 | 85.2 | 805 | | |
| Southeast Sulawesi | 19.3 | 10.3 | 70.4 | 44 | 6.6 | 2.3 | 91.1 | 287 | | |
| Gorontalo | 45.3 | 4.2 | 50.4 | 47 | 31.0 | 2.8 | 66.2 | 118 | | |
| West Sulawesi | 12.2 | 6.3 | 81.6 | 79 | 13.4 | 1.1 | 85.4 | 189 | | |
| Maluku | 16.2 | 17.1 | 66.7 | 32 | 2.6 | 3.2 | 94.2 | 241 | | |
| North Maluku | 35.7 | 8.8 | 55.5 | 33 | 7.2 | 3.3 | 89.5 | 137 | | |
| West Papua | 24.2 | 7.5 | 68.3 | 15 | 9.6 | 4.8 | 85.6 | 43* | | |
| Southwest Papua | 32.0 | 14.4 | 53.5 | 10 | 6.8 | 1.9 | 91.4 | 79 | | |
| Papua | 12.9 | 13.9 | 73.2 | 43 | 2.7 | 2.7 | 94.6 | 103 | | |
| South Papua | 14.8 | 7.1 | 78.1 | 25 | 0.7 | 1.1 | 98.2 | 61 | | |
| Central Papua | 33.1 | 17.9 | 49.1 | 31 | 4.8 | 1.8 | 93.4 | 111 | | |
| Highland Papua | 15.6 | 28.2 | 56.2 | 28 | 1.0 | 5.5 | 93.6 | 155 | | |
| INDONESIA | 28.3 | 10.9 | 60.7 | 9,822 | 12.8 | 2.9 | 84.3 | 27,652 | | |

* Weighted N <50

Table 13.46 Proportion of Congenital Hypothyroid Screening (CHS) at Birth in Children Aged 0-59 Months Based on Documents and Respondent Acknowledgment by Characteristics, 2023 SKI

| Characteristic | Based on Documents | | | Weighted N | Based on Acknowledgment | | | Weighted N | | |
|---|--------------------|---------|--------------|------------|-------------------------|---------|--------------|------------|--|--|
| | Screened | | Not Screened | | Screened | | Not Screened | | | |
| | 48-72 hrs | >72 hrs | | | 48-72 hrs | >72 hrs | | | | |
| Age Range | | | | | | | | | | |
| 0-5 months | 36,5 | 7,8 | 55,7 | 1.035 | 23,9 | 7,0 | 69,1 | 2.377 | | |
| 6-11 months | 26,3 | 9,2 | 64,5 | 917 | 15,0 | 3,9 | 81,1 | 2.457 | | |
| 12-23 months | 24,4 | 8,8 | 66,8 | 1.975 | 10,9 | 2,4 | 86,6 | 5.263 | | |
| 24-35 months | 24,7 | 6,1 | 69,2 | 2.011 | 11,9 | 2,2 | 85,8 | 5.596 | | |
| 36-47 months | 24,8 | 8,6 | 66,6 | 2.006 | 11,5 | 2,6 | 85,9 | 5.848 | | |
| 48-59 months | 25,3 | 8,9 | 65,8 | 1.877 | 11,3 | 2,2 | 86,5 | 6.111 | | |
| Sex | | | | | | | | | | |
| Male | 25,8 | 8,3 | 65,9 | 5.100 | 13,3 | 2,7 | 84,0 | 13.855 | | |
| Female | 26,5 | 8,0 | 65,5 | 4.722 | 12,3 | 3,1 | 84,6 | 13.797 | | |
| Head of Household Education | | | | | | | | | | |
| Never attended school | 24,5 | 10,1 | 65,4 | 190 | 11,1 | 1,9 | 87,0 | 510 | | |
| Some primary school/Islamic primary school | 21,5 | 6,0 | 72,4 | 354 | 14,6 | 2,1 | 83,3 | 847 | | |
| Primary school/Islamic primary school graduate | 22,7 | 8,2 | 69,2 | 1.702 | 11,5 | 2,4 | 86,1 | 4.313 | | |
| Tamat SMP/MTS | 24,2 | 7,0 | 68,8 | 1.978 | 10,4 | 2,7 | 86,9 | 5.278 | | |
| Tamat SMA/MA | 27,1 | 9,0 | 63,9 | 4.083 | 12,9 | 2,9 | 84,1 | 11.800 | | |
| D1/D2/D3/university graduate | 31,4 | 7,7 | 60,9 | 1.515 | 16,1 | 3,7 | 80,1 | 4.903 | | |
| Head of Household Occupation | | | | | | | | | | |
| Unemployed | 25,0 | 7,3 | 67,7 | 201 | 8,8 | 1,5 | 89,8 | 735 | | |
| Student | 21,8 | 0 | 78,2 | 27 | 16,4 | 7,4 | 76,2 | 73 | | |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 32,9 | 8,4 | 58,7 | 538 | 16,5 | 2,6 | 80,9 | 1.706 | | |
| Private employee | 29,8 | 8,6 | 61,5 | 2.383 | 15,1 | 3,5 | 81,3 | 6.780 | | |
| Self-employed | 26,8 | 7,6 | 65,7 | 2.835 | 12,7 | 3,1 | 84,2 | 7.656 | | |
| Farmer/farm worker | 22,7 | 7,6 | 69,6 | 1.874 | 10,7 | 2,5 | 86,8 | 4.804 | | |
| Fisher | 18,6 | 9,8 | 71,6 | 182 | 9,1 | 2,6 | 88,3 | 460 | | |
| Labor/driver/domestic help | 23,7 | 8,6 | 67,7 | 1.391 | 11,3 | 2,5 | 86,2 | 4.161 | | |
| Other | 19,4 | 10,8 | 69,8 | 391 | 12,5 | 2,0 | 85,5 | 1.277 | | |
| Residence | | | | | | | | | | |
| Urban | 28,4 | 8,8 | 62,8 | 5.512 | 13,6 | 2,9 | 83,5 | 17.126 | | |
| Rural | 23,3 | 7,4 | 69,3 | 4.310 | 11,5 | 2,9 | 85,6 | 10.526 | | |
| Economic Status | | | | | | | | | | |
| Lowest | 18,4 | 9,0 | 72,5 | 1.056 | 8,7 | 2,7 | 88,6 | 3.154 | | |
| Lower middle | 20,4 | 7,1 | 72,5 | 1.719 | 11,4 | 3,1 | 85,5 | 4.247 | | |
| Middle | 24,8 | 7,5 | 67,8 | 2.123 | 11,0 | 2,5 | 86,5 | 5.488 | | |
| Upper middle | 27,1 | 9,5 | 63,4 | 2.428 | 13,1 | 2,8 | 84,0 | 6.635 | | |
| Highest | 33,6 | 7,8 | 58,5 | 2.495 | 16,1 | 3,2 | 80,7 | 8.128 | | |

Table 13.47 Proportion of Congenital Hypothyroid Screening (CHS) at Birth in Children Aged 0-59 Months Based on Documents or Respondent Acknowledgment by Province, 2023 SKI

| Province | Based on Documents or Acknowledgment | | | Weighted N |
|--------------------|--------------------------------------|------------|--------------|---------------|
| | Screened 48-72 jam | >72 jam | Not Screened | |
| Aceh | 11.6 | 4.1 | 84.3 | 601 |
| North Sumatra | 11.8 | 4.4 | 83.8 | 1,543 |
| West Sumatra | 13.3 | 4.6 | 82.1 | 863 |
| Riau | 12.4 | 3.9 | 83.7 | 788 |
| Jambi | 19.3 | 2.0 | 78.7 | 455 |
| South Sumatra | 14.0 | 4.4 | 81.6 | 1,212 |
| Bengkulu | 15.0 | 5.7 | 79.3 | 312 |
| Lampung | 13.0 | 3.2 | 83.8 | 1,347 |
| Bangka Belitung | 30.0 | 12.0 | 58.0 | 263 |
| Riau Islands | 15.4 | 2.5 | 82.1 | 302 |
| DKI Jakarta | 44.0 | 5.7 | 50.3 | 1,532 |
| West Java | 9.8 | 3.7 | 86.5 | 7,482 |
| Central Java | 23.4 | 6.7 | 69.9 | 5,266 |
| DI Yogyakarta | 24.1 | 10.7 | 65.2 | 524 |
| East Java | 16.2 | 3.9 | 79.9 | 4,915 |
| Banten | 14.7 | 3.3 | 81.9 | 1,435 |
| Bali | 38.7 | 4.0 | 57.4 | 598 |
| West Nusa Tenggara | 17.7 | 2.4 | 80.0 | 1,069 |
| East Nusa Tenggara | 12.8 | 2.5 | 84.8 | 821 |
| West Kalimantan | 15.8 | 3.3 | 80.9 | 759 |
| Central Kalimantan | 16.6 | 3.0 | 80.5 | 356 |
| South Kalimantan | 10.5 | 3.0 | 86.5 | 675 |
| East Kalimantan | 15.2 | 2.3 | 82.5 | 665 |
| North Kalimantan | 18.4 | 1.8 | 79.9 | 115 |
| North Sulawesi | 16.1 | 4.9 | 79.0 | 255 |
| Central Sulawesi | 9.5 | 3.3 | 87.2 | 371 |
| South Sulawesi | 13.8 | 3.0 | 83.2 | 1,047 |
| Southeast Sulawesi | 8.4 | 3.4 | 88.2 | 329 |
| Gorontalo | 35.2 | 3.2 | 61.5 | 165 |
| West Sulawesi | 13.1 | 2.7 | 84.3 | 268 |
| Maluku | 4.2 | 4.9 | 90.9 | 270 |
| North Maluku | 13.0 | 4.4 | 82.7 | 169 |
| West Papua | 13.5 | 5.5 | 81.0 | 57 |
| Southwest Papua | 9.8 | 3.4 | 86.8 | 89 |
| Papua | 5.8 | 6.1 | 88.1 | 147 |
| South Papua | 4.9 | 2.9 | 92.2 | 86 |
| Central Papua | 11.3 | 5.4 | 83.3 | 142 |
| Highland Papua | 3.4 | 9.1 | 87.5 | 182 |
| INDONESIA | 16.4 | 4.3 | 79.2 | 37,474 |

Table 13.48 Proportion of Congenital Hypothyroid Screening (CHS) at Birth in Children Aged 0-59 Months by Characteristics, 2023 SKI

| Characteristic | Based on Data Source and Acknowledgment | | | Weighted N |
|--|---|---------|-----------------|------------|
| | Screened 48-72 hrs | >72 hrs | Not Screened | |
| Age Range (months) | | | | |
| 0-5 months | 27.9 | 7.3 | 64.8 | 3,420 |
| 6-11 months | 18.2 | 5.4 | 76.4 | 3,376 |
| 12-23 months | 14.8 | 4.3 | 81.0 | 7,243 |
| 24-35 months | 15.4 | 3.3 | 81.3 | 7,608 |
| 36-47 months | 15.0 | 4.2 | 80.8 | 7,851 |
| 48-59 months | 14.7 | 3.9 | 81.4 | 7,976 |
| Sex | | | | |
| Male | 16.8 | 4.3 | 78.9 | 18,963 |
| Female | 16.1 | 4.4 | 79.5 | 18,511 |
| Head of Household Education | | | | |
| Never attended school | 14.9 | 4.2 | 80.9 | 701 |
| Some primary school/Islamic primary school | 16.7 | 3.3 | 80.0 | 1,204 |
| Primary school/Islamic primary school graduate | 14.8 | 4.1 | 81.1 | 6,022 |
| Junior secondary school/Islamic junior secondary school graduate | 14.3 | 3.9 | 81.8 | 7,261 |
| Senior secondary school/Islamic senior secondary school graduate | 16.7 | 4.5 | 78.7 | 15,879 |
| D1/D2/D3/university graduate | 19.9 | 4.7 | 75.4 | 6,409 |
| Head of Household Occupation | | | | |
| Unemployed | 12.4 | 2.8 | 84.8 | 934 |
| Student | 17.9 | 5.3 | 76.7 | 100 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 20.6 | 4.1 | 75.3 | 2,241 |
| Private employee | 19.1 | 4.9 | 76.0 | 9,161 |
| Self-employed | 16.7 | 4.4 | 79.0 | 10,496 |
| Farmer/farm worker | 14.2 | 4.0 | 81.8 | 6,685 |
| Fisher | 11.9 | 4.8 | 83.3 | 642 |
| Labor/driver/domestic help | 14.5 | 4.1 | 81.4 | 5,549 |
| Other | 14.2 | 4.2 | 81.7 | 1,666 |
| Residence | | | | |
| Urban | 17.4 | 4.4 | 78.2 | 22,615 |
| Rural | 15.0 | 4.3 | 80.7 | 14,859 |
| Economic Status | | | | |
| Lowest | 11.3 | 4.3 | 84.4 | 4,207 |
| Lower middle | 14.1 | 4.3 | 81.6 | 5,975 |
| Middle | 15.0 | 4.0 | 81.1 | 7,618 |
| Upper middle | 17.0 | 4.7 | 78.3 | 9,066 |
| Highest | 20.4 | 4.3 | 75.3 | 10,607 |

Table 13.49 Proportion of Congenital Anomalies in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Congenital Anomalies in Children (%) | | | | | | | | Weighted N |
|--------------------|--------------------------------------|---------------|-------------|-----------------|-----------------|---------------|-------------------------|-------------|---------------|
| | Clubfoot | Hydrocephalus | Cleft Lip | Conjoined Twins | No Anal Opening | Down syndrome | Congenital Heart Defect | Thalassemia | |
| Aceh | 0.27 | 0.15 | 0.17 | 0.15 | 0.16 | 0.21 | 0.38 | 0.32 | 1,928 |
| North Sumatra | 0.21 | 0.19 | 0.27 | 0.18 | 0.25 | 0.24 | 0.41 | 0.42 | 5,421 |
| West Sumatra | 0.26 | 0.11 | 0.13 | 0.11 | 0.15 | 0.19 | 0.36 | 0.43 | 1,907 |
| Riau | 0.34 | 0.24 | 0.25 | 0.21 | 0.21 | 0.23 | 0.24 | 0.58 | 2,289 |
| Jambi | 0.44 | 0.18 | 0.34 | 0.18 | 0.18 | 0.30 | 0.24 | 0.43 | 1,228 |
| South Sumatra | 0.29 | 0.35 | 0.31 | 0.29 | 0.41 | 0.50 | 0.38 | 0.44 | 2,854 |
| Bengkulu | 0.06 | 0.10 | 0.13 | 0.06 | 0.06 | 0.10 | 0.10 | 0.85 | 693 |
| Lampung | 0.46 | 0.19 | 0.24 | 0.14 | 0.16 | 0.16 | 0.47 | 0.44 | 3,021 |
| Bangka Belitung | 0.56 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | 0.76 | 488 |
| Riau Islands | 0.07 | 0.24 | 0.12 | 0.04 | 0.05 | 0.07 | 0.07 | 0.89 | 737 |
| DKI Jakarta | 0.17 | 0.09 | 0.09 | 0.09 | 0.09 | 0.09 | 0.59 | 0.35 | 2,887 |
| West Java | 0.13 | 0.16 | 0.24 | 0.11 | 0.16 | 0.24 | 0.37 | 0.71 | 15,280 |
| Central Java | 0.33 | 0.18 | 0.29 | 0.17 | 0.17 | 0.19 | 0.31 | 0.61 | 10,698 |
| DI Yogyakarta | 0.45 | 0.24 | 0.56 | 0.27 | 0.24 | 0.24 | 0.38 | 1.25 | 930 |
| East Java | 0.44 | 0.30 | 0.28 | 0.24 | 0.26 | 0.32 | 0.43 | 0.58 | 11,043 |
| Banten | 0.27 | 0.16 | 0.22 | 0.16 | 0.39 | 0.90 | 0.23 | 0.72 | 3,817 |
| Bali | 0.25 | 0.25 | 0.21 | 0.24 | 0.29 | 0.30 | 0.62 | 0.92 | 1,203 |
| West Nusa Tenggara | 0.36 | 0.22 | 0.43 | 0.22 | 0.22 | 0.23 | 0.62 | 0.95 | 1,951 |
| East Nusa Tenggara | 0.34 | 0.13 | 0.26 | 0.12 | 0.19 | 0.15 | 0.27 | 0.34 | 2,189 |
| West Kalimantan | 0.31 | 0.14 | 0.18 | 0.14 | 0.10 | 0.20 | 0.24 | 0.11 | 1,891 |
| Central Kalimantan | 0.23 | 0.24 | 0.12 | 0.18 | 0.12 | 0.45 | 0.27 | 0.28 | 921 |
| South Kalimantan | 0.32 | 0.05 | 0.12 | 0.05 | 0.05 | 0.08 | 0.26 | 0.58 | 1,387 |
| East Kalimantan | 0.49 | 0.48 | 0.26 | 0.27 | 0.26 | 0.31 | 0.73 | 0.69 | 1,245 |
| North Kalimantan | 0.84 | 0.87 | 0.88 | 0.70 | 0.70 | 0.81 | 1.02 | 0.76 | 245 |
| North Sulawesi | 0.10 | 0.14 | 0.17 | 0.10 | 0.08 | 0.15 | 0.34 | 0.32 | 764 |
| Central Sulawesi | 0.30 | 0.15 | 0.19 | 0.17 | 0.11 | 0.16 | 0.25 | 0.41 | 1,042 |
| South Sulawesi | 0.22 | 0.13 | 0.14 | 0.11 | 0.19 | 0.25 | 0.32 | 0.49 | 2,985 |
| Southeast Sulawesi | 0.21 | 0.16 | 0.14 | 0.11 | 0.11 | 0.30 | 0.57 | 0.25 | 1,018 |
| Gorontalo | 0.25 | 0.29 | 0.25 | 0.25 | 0.25 | 0.25 | 0.33 | 0.25 | 400 |
| West Sulawesi | 0.24 | 0.14 | 0.11 | 0.06 | 0.06 | 0.12 | 0.29 | 0.27 | 537 |
| Maluku | 0.15 | 0.23 | 0.25 | 0.17 | 0.17 | 0.17 | 0.62 | 0.40 | 681 |
| North Maluku | 0.39 | 0.24 | 0.14 | 0.15 | 0.09 | 0.11 | 0.20 | 0.19 | 476 |
| West Papua | 0.29 | 0.20 | 0.25 | 0.20 | 0.20 | 0.66 | 0.23 | 0.30 | 212 |
| Southwest Papua | 0.04 | 0.46 | 0.04 | 0.15 | 0.04 | 0.04 | 0.04 | 0.13 | 229 |
| Papua | 0.44 | 0.10 | 0.17 | 0.00 | 0.00 | 0.17 | 0.00 | 0.00 | 432 |
| South Papua | 0.23 | 0.10 | 0.19 | 0.10 | 0.10 | 0.23 | 0.29 | 0.35 | 287 |
| Central Papua | 0.19 | 0.09 | 0.34 | 0.09 | 0.09 | 0.09 | 0.09 | 1.33 | 467 |
| Highland Papua | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 449 |
| INDONESIA | 0.28 | 0.20 | 0.24 | 0.16 | 0.20 | 0.26 | 0.37 | 0.56 | 86,231 |

Table 13.50 Proportion of Congenital Anomalies in Children Aged 0-59 Months by Characteristics, 2023 SKI

| Characteristic | Congenital Anomalies in Children | | | | | | | | Weighted N |
|---------------------------------------|----------------------------------|---------------|-----------|-----------------|-----------------|---------------|-------------------------|-------------|------------|
| | Clubfoot | Hydrocephalus | Cleft Lip | Conjoined Twins | No Anal Opening | Down syndrome | Congenital Heart Defect | Thalassemia | |
| Age Range | | | | | | | | | |
| 0-5 months | 0.50 | 0.41 | 0.52 | 0.39 | 0.43 | 0.45 | 0.57 | 0.67 | 6,645 |
| 6-11 months | 0.36 | 0.25 | 0.21 | 0.19 | 0.24 | 0.26 | 0.49 | 0.71 | 7,365 |
| 12-23 months | 0.26 | 0.20 | 0.32 | 0.18 | 0.24 | 0.31 | 0.33 | 0.64 | 16,228 |
| 24-35 months | 0.30 | 0.14 | 0.19 | 0.11 | 0.19 | 0.18 | 0.29 | 0.40 | 17,570 |
| 36-47 months | 0.30 | 0.19 | 0.19 | 0.16 | 0.17 | 0.27 | 0.36 | 0.47 | 19,028 |
| 48-59 months | 0.17 | 0.15 | 0.19 | 0.10 | 0.11 | 0.25 | 0.37 | 0.64 | 19,396 |
| Sex | | | | | | | | | |
| Male | 0.26 | 0.18 | 0.26 | 0.16 | 0.19 | 0.24 | 0.41 | 0.61 | 44,035 |
| Female | 0.30 | 0.21 | 0.22 | 0.17 | 0.20 | 0.29 | 0.33 | 0.51 | 42,196 |
| HoH Education | | | | | | | | | |
| Never attended school | 0.33 | 0.17 | 0.19 | 0.17 | 0.17 | 0.18 | 0.20 | 0.25 | 1,794 |
| Some primary school | 0.62 | 0.42 | 0.44 | 0.42 | 0.41 | 0.46 | 0.65 | 0.63 | 2,993 |
| Primary school graduate | 0.30 | 0.20 | 0.26 | 0.16 | 0.26 | 0.27 | 0.45 | 0.58 | 14,701 |
| Junior secondary school graduate | 0.25 | 0.17 | 0.24 | 0.13 | 0.21 | 0.30 | 0.31 | 0.50 | 17,026 |
| Senior secondary school graduate | 0.26 | 0.19 | 0.21 | 0.15 | 0.16 | 0.21 | 0.37 | 0.56 | 35,991 |
| D1/D2/D3/university graduate | 0.28 | 0.20 | 0.26 | 0.18 | 0.18 | 0.33 | 0.32 | 0.64 | 13,725 |
| HoH Occupation | | | | | | | | | |
| Unemployed | 0.49 | 0.40 | 0.32 | 0.32 | 0.32 | 0.33 | 0.60 | 0.74 | 2,226 |
| Student | 0.00 | 0.00 | 0.00 | 0.00 | 1.31 | 0.00 | 1.91 | 0.00 | 196 |
| Civil servant/military/police/SOE/ROE | 0.17 | 0.19 | 0.19 | 0.16 | 0.18 | 0.27 | 0.31 | 0.48 | 4,977 |
| Private employee | 0.21 | 0.13 | 0.19 | 0.12 | 0.15 | 0.24 | 0.37 | 0.69 | 19,332 |
| Self-employed | 0.35 | 0.22 | 0.28 | 0.17 | 0.20 | 0.27 | 0.37 | 0.48 | 25,062 |
| Farmer/farm worker | 0.38 | 0.26 | 0.36 | 0.24 | 0.26 | 0.31 | 0.42 | 0.68 | 16,588 |
| Fisher | 0.19 | 0.15 | 0.20 | 0.13 | 0.13 | 0.20 | 0.32 | 0.20 | 1,763 |
| Labor/driver/domestic help | 0.22 | 0.16 | 0.13 | 0.11 | 0.16 | 0.28 | 0.23 | 0.45 | 12,205 |
| Others | 0.09 | 0.08 | 0.15 | 0.10 | 0.20 | 0.14 | 0.46 | 0.51 | 3,882 |
| Residence | | | | | | | | | |
| Urban | 0.26 | 0.16 | 0.19 | 0.13 | 0.17 | 0.24 | 0.35 | 0.58 | 49,430 |
| Rural | 0.32 | 0.24 | 0.31 | 0.21 | 0.24 | 0.29 | 0.39 | 0.53 | 36,801 |
| Economic Status | | | | | | | | | |
| Lowest | 0.38 | 0.24 | 0.37 | 0.21 | 0.23 | 0.26 | 0.43 | 0.58 | 10,761 |
| Lower middle | 0.25 | 0.19 | 0.20 | 0.14 | 0.15 | 0.20 | 0.25 | 0.46 | 14,583 |
| Middle | 0.37 | 0.24 | 0.29 | 0.22 | 0.25 | 0.31 | 0.46 | 0.51 | 17,836 |
| Upper middle | 0.22 | 0.19 | 0.19 | 0.12 | 0.22 | 0.27 | 0.36 | 0.60 | 20,759 |
| Highest | 0.25 | 0.15 | 0.21 | 0.14 | 0.15 | 0.27 | 0.36 | 0.62 | 22,290 |

13.6 IMMUNIZATION

Information on immunization history is collected based on the respondent's memory or acknowledgment and documents/records in the Maternal and Child Health Book (KIA book) or other child health books. If either of these sources states that the child has been immunized, then the child has been immunized for the type in question.

A. Proportion of Basic Immunization Types and Complete Basic Immunization in Children Aged 12-23 months

Basic immunization is immunization given to children aged 0-12 months. The types of basic immunization given consist of HB-0 immunization, BCG immunization, three doses of DPT-HB/DPT- HB-HiB immunization, complete Polio immunization (four doses of OPV and one dose of IPV or three doses of IPV immunization), and Measles-Rubella (MR) immunization.

$$\text{Proportion of Complete Basic Immunization (IDL) 12-23 months} = \frac{\text{Number of children aged 12-23 months who received IDL}}{\text{Total children aged 12-23 months}} \times 100\%$$

B. Proportion of Basic Immunization Types and Advanced Immunization in Children Aged 24-35 months

Children aged 24-35 months who receive advanced immunization according to the types, namely advanced DPT/HB/Hib and Measles-Rubella (MR/MMR) immunization. In advanced immunization, information is obtained from children aged 24-35 months who receive one dose of advanced DPT-HB-HiB vaccine and one dose of advanced measles vaccine based on immunization documents/records or memory/acknowledgment.

$$\text{Proportion of Advanced Immunization 24-35 months} = \frac{\text{Total children aged 24-35 months who receive Advanced Immunization}}{\text{Total children aged 24-35 months}} \times 100\%$$

C. Proportion of children aged 4-15 months who receive New Antigen Immunization (PCV)

The new antigen immunization referred to in the 2023 SKI is the PCV Immunization initiated by the government in July 2022. This immunization is given three times, with the first dose starting at 2 months of age, the second dose starting at 3 months of age, and the third dose starting at 12 months of age. However, as a program indicator, only PCV 1 and 2 are used. Complete new antigen immunization is when a child has received two doses of PCV immunization (PCV 1 and PCV 2) based on immunization documents/records or memory/acknowledgment.

$$\text{Proportion of PCV Immunization} = \frac{\text{Total children aged 4-15 months who receive PCV 1 & 2 Immunization}}{\text{Total children aged 4-15 months}} \times 100\%$$

D. Proportion of reasons for not receiving or incomplete immunization

In the 2023 SKI, information obtained from respondent acknowledgment regarding reasons for not receiving or incomplete immunization is provided. These reasons include lack of knowledge about immunization, such as not knowing or forgetting immunization schedules, not knowing immunization service locations, not feeling immunization is important, lack of access to immunization services such as difficulty reaching immunization facilities, unavailability of vaccines, lack of time or money to go to immunization locations, expensive vaccines,

including delayed vaccines due to COVID-19, health reasons such as the child being often sick when about to be vaccinated, concern about vaccine side effects, social reasons such as family members not allowing it, and religious issues such as vaccine halalness.

$$\text{Proportion of reasons for not being immunized in children aged 0-59 months} = \frac{\text{Total children aged 0-59 months not immunized based on reasons}}{\text{Total children aged 0-59 months not immunized}} \times 100\%$$

E. Post-Immunization Adverse Events (AEFI)

Post-Immunization Adverse Events based on the Minister of Health Regulation no. 12 of 2017 are medical events suspected to be related to immunization, whether they occur directly or indirectly. AEFI information is obtained based on the respondent's memory or acknowledgment. The proportion of AEFI history referred to in the 2023 SKI includes high fever, reactions around the injection site such as itching, redness, pus, seizures, and Other.

It is also asked which health service facility where immunization was performed where the AEFI occurred based on the health facility with the most comprehensive data. In addition, the actions taken against children affected by these AEFI are also inquired.

Table 13.51 Proportion of Basic Immunization Types in Children Aged 12-23 Months by Province, 2023 SKI

| Province | Type of Basic Immunization | | | | | Weighted N |
|--------------------|----------------------------|-------------|-----------------------|----------------|----------------------|---------------|
| | HB-0 | BCG | DPT- HB- Hib Complete | Polio Complete | Measles-Rubella (MR) | |
| Aceh | 49.3 | 35.9 | 22.8 | 5.6 | 18.5 | 359 |
| North Sumatra | 69.4 | 72.2 | 60.5 | 26.6 | 51.6 | 1,025 |
| West Sumatra | 75.3 | 70.6 | 50.9 | 20.7 | 42.4 | 351 |
| Riau | 74.5 | 71.1 | 57.3 | 18.4 | 46.1 | 445 |
| Jambi | 86.3 | 89.0 | 79.2 | 31.5 | 66.5 | 216 |
| South Sumatra | 83.0 | 87.7 | 77.0 | 29.5 | 68.2 | 542 |
| Bengkulu | 85.6 | 91.7 | 83.8 | 39.9 | 66.5 | 124 |
| Lampung | 87.9 | 89.8 | 78.9 | 27.8 | 71.8 | 581 |
| Bangka Belitung | 85.2 | 85.6 | 72.5 | 32.4 | 61.2 | 86 |
| Riau Islands | 92.9 | 90.6 | 85.7 | 53.7 | 68.3 | 129 |
| DKI Jakarta | 95.1 | 93.7 | 81.1 | 48.6 | 65.8 | 602 |
| West Java | 90.6 | 90.7 | 75.0 | 45.3 | 66.4 | 2,929 |
| Central Java | 93.0 | 93.7 | 87.3 | 61.1 | 79.5 | 2,022 |
| DI Yogyakarta | 99.2 | 98 | 94.3 | 75.4 | 87.8 | 163 |
| East Java | 94.6 | 93.6 | 84.7 | 57.6 | 75.8 | 1,967 |
| Banten | 80.5 | 80.9 | 58.8 | 31.6 | 51.9 | 702 |
| Bali | 97.6 | 98.1 | 97.0 | 80.0 | 88.8 | 242 |
| West Nusa Tenggara | 92.9 | 93.9 | 76.5 | 39.8 | 69.9 | 388 |
| East Nusa Tenggara | 82.3 | 84.1 | 77.7 | 41.2 | 67.8 | 421 |
| West Kalimantan | 78.4 | 77.5 | 66.1 | 30.4 | 53.7 | 311 |
| Central Kalimantan | 81.0 | 82.6 | 71.3 | 36.7 | 64 | 192 |
| South Kalimantan | 85.8 | 81.7 | 66.3 | 47.0 | 54.9 | 243 |
| East Kalimantan | 88.3 | 88.2 | 76.7 | 44.4 | 62.5 | 229 |
| North Kalimantan | 87.4 | 90.3 | 85.1 | 43.2 | 77.5 | 47* |
| North Sulawesi | 81.1 | 85.3 | 77.3 | 52.5 | 65.8 | 138 |
| Central Sulawesi | 76.4 | 79.4 | 67.1 | 25.5 | 57.1 | 196 |
| South Sulawesi | 83.5 | 85.5 | 73.8 | 39.4 | 62.7 | 584 |
| Southeast Sulawesi | 79.5 | 82.8 | 75.4 | 29.1 | 61.5 | 190 |
| Gorontalo | 88.1 | 89.1 | 73.4 | 42.2 | 75.3 | 83 |
| West Sulawesi | 77.6 | 78.4 | 68.6 | 21.8 | 58.6 | 108 |
| Maluku | 62.8 | 69.7 | 56.1 | 26.7 | 45.8 | 126 |
| North Maluku | 70.6 | 72.6 | 58.1 | 23.4 | 49.1 | 87 |
| West Papua | 63.5 | 63.3 | 54.1 | 28.0 | 43.7 | 54 |
| Southwest Papua | 69.5 | 69.7 | 58.2 | 30.7 | 49.5 | 46* |
| Papua | 78.8 | 83.8 | 70.0 | 47.1 | 62.4 | 85 |
| South Papua | 65.0 | 80.0 | 70.1 | 47.5 | 64.3 | 55 |
| Central Papua | 24.0 | 26.1 | 23.4 | 12.9 | 19.3 | 75 |
| Highland Papua | 17.0 | 20.5 | 11.3 | 4.0 | 12.9 | 60 |
| INDONESIA | 85.3 | 85.6 | 73.9 | 42.4 | 64.8 | 16,204 |

* Weighted N <50

Table 13.52 Proportion of Basic Immunization Types in Children Aged 12-23 Months by Characteristic, 2023 SKI

| Characteristic | Type of Basic Immunization | | | | | Weighted N |
|--|----------------------------|------|---------------------|----------------|------------------------|------------|
| | HB-0 | BCG | DPT-HB-Hib Complete | Polio Complete | Measles - Rubella (MR) | |
| Sex | | | | | | |
| Male | 85.3 | 86.1 | 74.1 | 41.9 | 64.5 | 8,413 |
| Female | 85.2 | 85.0 | 73.6 | 42.9 | 65.0 | 7,791 |
| Head of Household Education | | | | | | |
| Never attended school | 62.0 | 67.0 | 58.2 | 30.2 | 51.0 | 331 |
| Some primary school/Islamic primary school | 77.8 | 78.3 | 63.9 | 32.0 | 59.1 | 545 |
| Primary school/Islamic primary school graduate | 82.1 | 82.6 | 68.6 | 37.6 | 60.6 | 2,788 |
| Junior secondary school/Islamic junior secondary school graduate | 84.7 | 84.9 | 70.8 | 39.7 | 61.6 | 3,234 |
| Senior secondary school/Islamic senior secondary school graduate | 87.5 | 87.8 | 77.0 | 45.3 | 66.9 | 6,763 |
| D1/D2/D3/university graduate | 88.1 | 87.5 | 79.2 | 47 | 70.7 | 2,543 |
| Head of Household Occupation | | | | | | |
| Unemployed | 78.0 | 80.5 | 69.2 | 34.8 | 61.5 | 419 |
| Student | 93.3 | 89.3 | 65.7 | 40.5 | 74.0 | 51 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 89.3 | 88.4 | 81.1 | 48.3 | 71.8 | 942 |
| Private employee | 91.0 | 91.3 | 81.9 | 50.3 | 72.6 | 3,615 |
| Self-employed | 85.0 | 84.1 | 72.3 | 41.0 | 62.4 | 4,590 |
| Farmer/farm worker | 78.8 | 80.9 | 69.9 | 36.0 | 61.3 | 3,124 |
| Fisher | 75.0 | 79.3 | 62.0 | 30.5 | 54.8 | 380 |
| Labor/driver/domestic help | 86.9 | 87.1 | 70.4 | 42.6 | 61.3 | 2,406 |
| Other | 83.8 | 83.1 | 72.6 | 40.9 | 64.2 | 677 |
| Residence | | | | | | |
| Urban | 88.5 | 88.2 | 76.0 | 46.1 | 66.4 | 9,328 |
| Rural | 80.8 | 82.0 | 71.0 | 37.4 | 62.5 | 6,876 |
| Economic Status | | | | | | |
| Lowest | 73.9 | 75.3 | 62.3 | 33.5 | 53.3 | 1,991 |
| Lower middle | 82.5 | 84.7 | 71.9 | 39.3 | 63.4 | 2,722 |
| Middle | 85.2 | 85.2 | 74.8 | 43.3 | 65.1 | 3,401 |
| Upper middle | 87.7 | 87.4 | 73.6 | 42.6 | 63.8 | 3,944 |
| Highest | 90.2 | 89.5 | 80.2 | 47.7 | 71.7 | 4,144 |

Table 13.53 Proportion of Complete Basic Immunization in Children Aged 12-23 Months by Province, 2023 SKI

| Province | Basic Immunization Status (%) | | | | Weighted N |
|--------------------|-------------------------------|----------------|-------------|------------|---------------|
| | Complete | 95 % CI | Incomplete | Not Given | |
| Aceh | 3.9 | 2.7-5.6 | 49.6 | 46.5 | 359 |
| North Sumatra | 20.8 | 17.4-24.7 | 62.4 | 16.8 | 1,025 |
| West Sumatra | 15.6 | 12.5-19.4 | 66.0 | 18.4 | 351 |
| Riau | 13.9 | 10.7-17.9 | 69.9 | 16.1 | 445 |
| Jambi | 27.8 | 22.3-34.1 | 63.8 | 8.4 | 216 |
| South Sumatra | 22.0 | 17.9-26.8 | 71.3 | 6.7 | 542 |
| Bengkulu | 34.8 | 27.3-43.1 | 59.0 | 6.2 | 124 |
| Lampung | 23.8 | 19.6-28.6 | 72.3 | 3.9 | 581 |
| Bangka Belitung | 29.3 | 22.7-36.9 | 61.1 | 9.6 | 86 |
| Riau Islands | 38.1 | 28.0-49.5 | 59.9 | 1.9 | 129 |
| DKI Jakarta | 42.4 | 33.6-51.7 | 55.8 | 1.8 | 602 |
| West Java | 36.9 | 33.4-40.6 | 60.6 | 2.5 | 2,929 |
| Central Java | 54.7 | 50.9-58.4 | 43.5 | 1.8 | 2,022 |
| DI Yogyakarta | 68.9 | 58.6-77.6 | 31.1 | 0.0 | 163 |
| East Java | 50.7 | 46.6-54.8 | 46.4 | 2.9 | 1,967 |
| Banten | 24.7 | 19.4-31.0 | 65.2 | 10.0 | 702 |
| Bali | 73.5 | 66.3-79.7 | 26.5 | 0.0 | 242 |
| West Nusa Tenggara | 34.6 | 28.1-41.6 | 64.2 | 1.2 | 388 |
| East Nusa Tenggara | 34.5 | 30.5-38.7 | 60.7 | 4.8 | 421 |
| West Kalimantan | 24.2 | 19.5-29.7 | 61.8 | 14.0 | 311 |
| Central Kalimantan | 30.4 | 24.5-37.0 | 59.0 | 10.6 | 192 |
| South Kalimantan | 38.6 | 33.1-44.5 | 52.5 | 8.8 | 243 |
| East Kalimantan | 37.9 | 30.7-45.6 | 58.3 | 3.8 | 229 |
| North Kalimantan | 38.6 | 29.6-48.5 | 56.6 | 4.8 | 47* |
| North Sulawesi | 40.6 | 33.1-48.6 | 53.0 | 6.3 | 138 |
| Central Sulawesi | 21.6 | 17.2-26.6 | 69.3 | 9.1 | 196 |
| South Sulawesi | 32.0 | 28.3-35.9 | 61.8 | 6.2 | 584 |
| Southeast Sulawesi | 22.0 | 18.2-26.4 | 70.0 | 8.0 | 190 |
| Gorontalo | 38.1 | 29.9-47.1 | 58.2 | 3.7 | 83 |
| West Sulawesi | 17.1 | 12.2-23.5 | 75.2 | 7.7 | 108 |
| Maluku | 18.3 | 13.1-25.0 | 66.2 | 15.4 | 126 |
| North Maluku | 18.7 | 13.8-24.7 | 67.2 | 14.1 | 87 |
| West Papua | 18.9 | 13.1-26.7 | 58.4 | 22.7 | 54 |
| Southwest Papua | 24.9 | 17.4-34.3 | 61.5 | 13.6 | 46* |
| Papua | 40.9 | 31.7-50.8 | 49.6 | 9.5 | 85 |
| South Papua | 35.4 | 24.5-48 | 51.6 | 13.1 | 55 |
| Central Papua | 10.3 | 4.8-20.9 | 28.8 | 60.9 | 75 |
| Highland Papua | 4.0 | 1.5-10.1 | 26.0 | 70.0 | 60 |
| INDONESIA | 35.8 | 34.6-37 | 56.9 | 7.3 | 16,204 |

* Weighted N <50

Table 13.54 Proportion of Complete Basic Immunization in Children Aged 12-23 Months by Characteristic, 2023 SKI

| Characteristic | Basic Immunization Status (%) | | | | Weighted N |
|--|-------------------------------|-----------|------------|-----------|------------|
| | Complete | 95 % CI | Incomplete | Not Given | |
| Sex | | | | | |
| Male | 35.1 | 33.5-36.7 | 58.0 | 6.9 | 8,413 |
| Female | 36.5 | 34.8-38.2 | 55.7 | 7.7 | 7,791 |
| Head of Household Education | | | | | |
| Never attended school | 23.0 | 17.7-29.3 | 50.3 | 26.7 | 331 |
| Some primary school/Islamic primary school | 26.0 | 20.9-31.9 | 61.5 | 12.5 | 545 |
| Primary school/Islamic primary school graduate | 31.0 | 28.2-33.8 | 60.8 | 8.3 | 2,788 |
| Junior secondary school/Islamic junior secondary school graduate | 33.2 | 30.6-36.0 | 60.0 | 6.7 | 3,234 |
| Senior secondary school/Islamic senior secondary school graduate | 38.3 | 36.5-40.2 | 55.8 | 5.9 | 6,763 |
| D1/D2/D3/university graduate | 41.3 | 38.3-44.3 | 51.7 | 7.0 | 2,543 |
| Head of Household Occupation | | | | | |
| Unemployed | 30.4 | 24.2-37.5 | 57.6 | 12 | 419 |
| Student | 30.5 | 12.7-57.1 | 67.0 | 2.4 | 51 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 42.8 | 38.1-47.8 | 50.6 | 6.5 | 942 |
| Private employee | 43.8 | 41.0-46.7 | 52.5 | 3.6 | 3,615 |
| Self-employed | 34.6 | 32.4-36.9 | 57.6 | 7.8 | 4,590 |
| Farmer/farm worker | 29.9 | 27.7-32.1 | 59.4 | 10.8 | 3,124 |
| Fisher | 25.4 | 19.5-32.4 | 61.5 | 13.1 | 380 |
| Labor/driver/domestic help | 33.6 | 30.3-37.1 | 61.1 | 5.3 | 2,406 |
| Other | 35.0 | 29.3-41.1 | 54.9 | 10.2 | 677 |
| Residence | | | | | |
| Urban | 39.0 | 37.4-40.7 | 55.6 | 5.3 | 9,328 |
| Rural | 31.4 | 29.7-33.0 | 58.6 | 10.0 | 6,876 |
| Economic Status | | | | | |
| Lowest | 26.7 | 24.1-29.6 | 58.4 | 14.9 | 1,991 |
| Lower middle | 31.0 | 28.5-33.6 | 61.7 | 7.3 | 2,722 |
| Middle | 36.6 | 34.0-39.3 | 55.9 | 7.5 | 3,401 |
| Upper middle | 36.3 | 33.9-38.8 | 57.6 | 6.1 | 3,944 |
| Highest | 42.1 | 39.5-44.7 | 53.3 | 4.6 | 4,144 |

Table 13.55 Proportion of Advanced Immunization Types in Children Aged 24-35 Months by Province, 2023 SKI

| Province | Type of Advanced Immunization | | | | Weighted N | |
|--------------------|-------------------------------|------------------|----------------------------------|------------------|---------------|--|
| | Advance DPT/HB/Hib | | Advance Measles-Rubella (MR/MMR) | | | |
| | % | 95% CI | % | 95% CI | | |
| Aceh | 14.5 | 12.1-17.3 | 10.6 | 8.5-13.1 | 396 | |
| North Sumatra | 34.9 | 30.9-39.2 | 28.1 | 24.5-31.9 | 1,034 | |
| West Sumatra | 25.5 | 21.4-30.1 | 21.4 | 17.6-25.9 | 360 | |
| Riau | 29.3 | 24.5-34.6 | 19.5 | 15.6-24.1 | 447 | |
| Jambi | 55.8 | 49.3-62.1 | 44.8 | 38.9-50.8 | 249 | |
| South Sumatra | 44.8 | 39.6-50.2 | 33.2 | 28.6-38.2 | 559 | |
| Bengkulu | 63.9 | 57.2-70.1 | 51.8 | 44.8-58.8 | 132 | |
| Lampung | 59.5 | 53.4-65.3 | 47.7 | 41.8-53.7 | 621 | |
| Bangka Belitung | 51.1 | 43.2-58.9 | 41.8 | 34.6-49.4 | 106 | |
| Riau Islands | 62.5 | 54.2-70.2 | 47.8 | 38.8-56.9 | 175 | |
| DKI Jakarta | 59.7 | 51.7-67.2 | 56.1 | 47.4-64.4 | 577 | |
| West Java | 50.3 | 46.6-54.0 | 45.8 | 42.2-49.5 | 3,138 | |
| Central Java | 71.4 | 68.0-74.6 | 62.0 | 58.2-65.7 | 2,166 | |
| DI Yogyakarta | 82.1 | 74.4-87.9 | 77.9 | 68.8-84.9 | 197 | |
| East Java | 70.4 | 66.7-73.8 | 64.7 | 60.7-68.4 | 2,324 | |
| Banten | 35.7 | 29.4-42.6 | 31.1 | 25.0-37.9 | 726 | |
| Bali | 87.1 | 82.7-90.6 | 80.0 | 74.6-84.4 | 263 | |
| West Nusa Tenggara | 58.9 | 51.9-65.6 | 50.7 | 43.5-57.8 | 407 | |
| East Nusa Tenggara | 56.9 | 52.6-61.0 | 51.4 | 47.3-55.5 | 485 | |
| West Kalimantan | 48.2 | 41.9-54.6 | 42.9 | 36.5-49.6 | 426 | |
| Central Kalimantan | 52.3 | 45.2-59.2 | 43.5 | 36.3-50.9 | 176 | |
| South Kalimantan | 58.8 | 52.9-64.4 | 47.4 | 41.7-53.2 | 302 | |
| East Kalimantan | 59.1 | 52.7-65.2 | 49.6 | 42.8-56.3 | 291 | |
| North Kalimantan | 62.4 | 53.9-70.2 | 54.0 | 46.1-61.7 | 51 | |
| North Sulawesi | 59.4 | 51.1-67.2 | 53.0 | 46.1-59.7 | 154 | |
| Central Sulawesi | 44.4 | 38.8-50.1 | 34.7 | 29.4-40.3 | 203 | |
| South Sulawesi | 54.2 | 50.0-58.4 | 44.7 | 40.8-48.6 | 574 | |
| Southeast Sulawesi | 45.2 | 40.0-50.6 | 37.5 | 32.4-42.8 | 209 | |
| Gorontalo | 56.8 | 47.2-66.0 | 51.5 | 42.4-60.5 | 74 | |
| West Sulawesi | 45.6 | 38.5-53.0 | 35.5 | 27.5-44.4 | 108 | |
| Maluku | 33.5 | 27.6-39.9 | 26.2 | 20.9-32.2 | 141 | |
| North Maluku | 30.2 | 25.0-36.0 | 23.0 | 18.3-28.5 | 102 | |
| West Papua | 46.6 | 35.8-57.8 | 36.2 | 26.9-46.7 | 39* | |
| Southwest Papua | 39.8 | 32.8-47.2 | 30.2 | 23.7-37.6 | 56 | |
| Papua | 50.9 | 40.7-61.1 | 43.5 | 33.2-54.4 | 98 | |
| South Papua | 40.4 | 30.3-51.4 | 31.9 | 21.9-43.9 | 65 | |
| Central Papua | 13.3 | 8.3-20.7 | 10.5 | 5.9-18.1 | 87 | |
| Highland Papua | 13.9 | 6.0-28.9 | 11.7 | 4.4-27.3 | 107 | |
| INDONESIA | 53.9 | 52.7-55.0 | 46.8 | 45.7-48.0 | 17,625 | |

* Weighted N <50

Table 13.56 Proportion of Advanced Immunization Types in Children Aged 24-35 Months by Characteristic, 2023 SKI

| Characteristic | Type of Advanced Immunization | | | | Weighted N |
|--|-------------------------------|-----------|----------------------------------|-----------|------------|
| | Advance DPT/HB/Hib | 95%CI | Advance Measles-Rubella (MR/MMR) | 95%CI | |
| % | | % | | | |
| Sex | | | | | |
| Male | 52.8 | 51.2-54.4 | 45.1 | 43.5-46.7 | 8,927 |
| Female | 55.0 | 53.3-56.7 | 48.6 | 46.9-50.3 | 8,698 |
| Head of Household Education | | | | | |
| Never attended school | 40.8 | 33.4-48.5 | 32.9 | 25.8-40.9 | 339 |
| Some primary school/Islamic primary school | 45.0 | 39.2-50.9 | 38.3 | 32.6-44.3 | 613 |
| Primary school/Islamic primary school graduate | 47.5 | 44.5-50.5 | 41.6 | 38.6-44.6 | 2,961 |
| Junior secondary school/Islamic junior secondary school graduate | 55.5 | 52.8-58.1 | 47.7 | 45.0-50.4 | 3,407 |
| Senior secondary school/Islamic senior secondary school graduate | 55.3 | 53.6-57.1 | 48.2 | 46.3-50.0 | 7,527 |
| D1/D2/D3/university graduate | 58.4 | 55.7-61.2 | 51.3 | 48.5-54.1 | 2,779 |
| Head of Household Occupation | | | | | |
| Unemployed | 47.7 | 40.5-55.1 | 36.4 | 30.0-43.3 | 495 |
| Student | 48.0 | 25.4-71.6 | 39.8 | 19.6-64.2 | 38* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 60.5 | 56.5-64.3 | 52.0 | 47.8-56.2 | 1,010 |
| Private employee | 59.8 | 57.1-62.4 | 53.4 | 50.7-56.2 | 4,053 |
| Self-employed | 55.0 | 52.8-57.2 | 46.3 | 44.1-48.6 | 5,056 |
| Farmer/farm worker | 49.6 | 47.4-51.8 | 42.4 | 40.1-44.7 | 3,307 |
| Fisher | 41.0 | 34.6-47.8 | 32.9 | 26.5-39.9 | 355 |
| Labor/driver/domestic help | 49.2 | 45.8-52.5 | 45.5 | 42.2-48.9 | 2,451 |
| Other | 50.9 | 45.8-55.9 | 45.3 | 40.3-50.3 | 860 |
| Residence | | | | | |
| Urban | 54.0 | 52.5-55.6 | 47.6 | 46.1-49.2 | 10,138 |
| Rural | 53.7 | 52.0-55.4 | 45.7 | 44.0-47.5 | 7,487 |
| Economic Status | | | | | |
| Lowest | 45.1 | 42.3-47.8 | 36.8 | 34.1-39.5 | 2,175 |
| Lower middle | 49.1 | 46.4-51.8 | 44.0 | 41.3-46.7 | 3,080 |
| Middle | 54.3 | 51.7-56.9 | 46.0 | 43.5-48.6 | 3,540 |
| Upper middle | 53.7 | 51.1-56.2 | 48.6 | 46.0-51.2 | 4,149 |
| Highest | 61.0 | 58.7-63.3 | 52.4 | 50.0-54.9 | 4,681 |

* Weighted N <50

Table 13.57 Proportion of Advanced Immunization in Children Aged 24-35 Months by Province, 2023 SKI

| Province | Advanced Immunization Status | | | Not Given | Weighted N |
|--------------------|------------------------------|------------------|--------------|------------|---------------|
| | Complete % | 95% CI | Incomplete % | | |
| Aceh | 9.0 | 7.2-11.3 | 40.0 | 51.0 | 396 |
| North Sumatra | 25.0 | 21.6-28.7 | 55.8 | 19.2 | 1034 |
| West Sumatra | 18.1 | 14.5-22.3 | 63.2 | 18.7 | 360 |
| Riau | 18.4 | 14.6-22.9 | 67.1 | 14.5 | 447 |
| Jambi | 41.6 | 35.9-47.4 | 51.7 | 6.8 | 249 |
| South Sumatra | 29.7 | 25.2-34.6 | 61.7 | 8.6 | 559 |
| Bengkulu | 48.7 | 41.8-55.7 | 44.9 | 6.4 | 132 |
| Lampung | 43.5 | 37.7-49.6 | 51.9 | 4.6 | 621 |
| Bangka Belitung | 39.3 | 32.2-46.8 | 50.3 | 10.4 | 106 |
| Riau Islands | 45.3 | 36.4-54.4 | 50.2 | 4.6 | 175 |
| DKI Jakarta | 51.4 | 43.2-59.6 | 43.9 | 4.7 | 577 |
| West Java | 39.7 | 36.1-43.3 | 55.4 | 5.0 | 3,138 |
| Central Java | 56.8 | 53.1-60.5 | 40.0 | 3.1 | 2,166 |
| DI Yogyakarta | 73.7 | 63.6-81.8 | 24.1 | 2.2 | 197 |
| East Java | 59.6 | 55.6-63.5 | 37.2 | 3.2 | 2,324 |
| Banten | 28.6 | 22.7-35.4 | 57.0 | 14.4 | 726 |
| Bali | 78.5 | 73.0-83.1 | 21.3 | 0.2 | 263 |
| West Nusa Tenggara | 47.3 | 40.4-54.3 | 51.2 | 1.6 | 407 |
| East Nusa Tenggara | 46.2 | 42.1-50.3 | 44.8 | 9.0 | 485 |
| West Kalimantan | 38.5 | 32.1-45.2 | 52.4 | 9.1 | 426 |
| Central Kalimantan | 40.2 | 33.4-47.5 | 48.2 | 11.6 | 176 |
| South Kalimantan | 44.7 | 39-50.5 | 46.8 | 8.5 | 302 |
| East Kalimantan | 46.6 | 40.0-53.4 | 47.6 | 5.8 | 291 |
| North Kalimantan | 49.5 | 41.5-57.6 | 45.5 | 4.9 | 51 |
| North Sulawesi | 49.2 | 42.3-56.0 | 42.7 | 8.1 | 154 |
| Central Sulawesi | 31.2 | 26.1-36.9 | 57.1 | 11.7 | 203 |
| South Sulawesi | 40.4 | 36.5-44.4 | 52.9 | 6.8 | 574 |
| Southeast Sulawesi | 33.2 | 28.2-38.7 | 56.4 | 10.3 | 209 |
| Gorontalo | 45.5 | 36.6-54.7 | 46.6 | 7.9 | 74 |
| West Sulawesi | 31.7 | 24.9-39.3 | 56.9 | 11.4 | 108 |
| Maluku | 21.8 | 16.9-27.5 | 58.0 | 20.3 | 141 |
| North Maluku | 19.7 | 15.4-24.9 | 59.4 | 20.9 | 102 |
| West Papua | 31.0 | 22.0-41.7 | 47.8 | 21.3 | 39* |
| Southwest Papua | 29.7 | 23.2-37.1 | 49.2 | 21.1 | 56 |
| Papua | 40.9 | 30.5-52.1 | 45.3 | 13.8 | 98 |
| South Papua | 27.1 | 17.9-38.7 | 55.0 | 17.9 | 65 |
| Central Papua | 9.7 | 5.2-17.4 | 30.4 | 59.9 | 87 |
| Highland Papua | 8.8 | 2.5-26.5 | 35.2 | 56.0 | 107 |
| INDONESIA | 42.5 | 41.4-43.7 | 48.6 | 8.9 | 17,625 |

* Weighted N <50

Table 13.58 Proportion of Advanced Immunization in Children Aged 24-35 Months by Characteristic, 2023 SKI

| Characteristic | Advanced Immunization Status | | | Not Given % | Weighted N |
|--|------------------------------|-----------|------------|----------------|------------|
| | Complete | | Incomplete | | |
| | % | 95% CI | % | | |
| Sex | | | | | |
| Male | 41.1 | 39.5-42.8 | 50.3 | 8.6 | 8,927 |
| Female | 43.9 | 42.3-45.6 | 46.9 | 9.1 | 8,698 |
| Head of Household Education | | | | | |
| Never attended school | 31.0 | 24.0-39.1 | 46.1 | 22.8 | 339 |
| Some primary school/Islamic primary school | 34.6 | 29.0-40.5 | 52.7 | 12.7 | 613 |
| Primary school/Islamic primary school graduate | 36.9 | 34.1-39.8 | 51.1 | 12.0 | 2,961 |
| Junior secondary school/Islamic junior secondary school graduate | 43.4 | 40.7-46.1 | 48.4 | 8.2 | 3,407 |
| Senior secondary school/Islamic senior secondary school graduate | 43.9 | 42.1-45.7 | 48.4 | 7.7 | 7,527 |
| D1/D2/D3/university graduate | 46.9 | 44.1-49.7 | 46.1 | 7.0 | 2,779 |
| Head of Household Occupation | | | | | |
| Unemployed | 32.2 | 26.2-38.9 | 52.9 | 14.9 | 495 |
| Student | 36.7 | 17.4-61.6 | 59.1 | 4.2 | 38* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 47.5 | 43.4-51.6 | 44.8 | 7.7 | 1,010 |
| Private employee | 49.1 | 46.3-51.9 | 46.2 | 4.7 | 4,053 |
| Self-employed | 42.5 | 40.2-44.7 | 48.8 | 8.8 | 5,056 |
| Farmer/farm worker | 38.3 | 36.1-40.6 | 48.3 | 13.4 | 3,307 |
| Fisher | 27.6 | 22.5-33.4 | 56.3 | 16.1 | 355 |
| Labor/driver/domestic help | 40.2 | 37.0-43.5 | 51.5 | 8.3 | 2,451 |
| Other | 40.9 | 36.0-45.9 | 50.4 | 8.7 | 860 |
| Residence | | | | | |
| Urban | 43.1 | 41.5-44.7 | 49.4 | 7.5 | 10,138 |
| Rural | 41.7 | 40.0-43.4 | 47.6 | 10.7 | 7,487 |
| Economic Status | | | | | |
| Lowest | 32.9 | 30.3-35.7 | 49.9 | 17.2 | 2,175 |
| Lower middle | 39.3 | 36.6-42.0 | 50.8 | 9.9 | 3,080 |
| Middle | 42.4 | 39.9-45.0 | 49.5 | 8.1 | 3,540 |
| Upper middle | 43.3 | 40.7-46.0 | 49.1 | 7.5 | 4,149 |
| Highest | 48.4 | 46.0-50.9 | 45.5 | 6.1 | 4,681 |

* Weighted N <50

Table 13.59 Proportion of PCV Immunization in Children Aged 4-15 Months by Province, 2023 SKI

| Province | PCV 1 | PCV 2 | Weighted N |
|--------------------|-------------|-------------|---------------|
| | % | % | |
| Aceh | 8.2 | 8.4 | 293 |
| North Sumatra | 32.7 | 30.5 | 987 |
| West Sumatra | 19.4 | 13.6 | 333 |
| Riau | 26.1 | 23.9 | 409 |
| Jambi | 50.1 | 45.6 | 196 |
| South Sumatra | 39.5 | 36.3 | 474 |
| Bengkulu | 49.4 | 40.8 | 121 |
| Lampung | 45.1 | 34.6 | 528 |
| Bangka Belitung | 61.8 | 55.3 | 79 |
| Riau Islands | 61.9 | 56.5 | 121 |
| DKI Jakarta | 61.7 | 58.0 | 544 |
| West Java | 51.8 | 47.5 | 2,822 |
| Central Java | 61.2 | 51.4 | 1,904 |
| DI Yogyakarta | 85.2 | 82.0 | 138 |
| East Java | 66.5 | 60.2 | 1,911 |
| Banten | 34.3 | 30.7 | 673 |
| Bali | 77.7 | 73.6 | 225 |
| West Nusa Tenggara | 64.9 | 58.6 | 355 |
| East Nusa Tenggara | 41.4 | 32.8 | 405 |
| West Kalimantan | 43.4 | 36.4 | 276 |
| Central Kalimantan | 49.7 | 41.5 | 161 |
| South Kalimantan | 50.9 | 42.0 | 252 |
| East Kalimantan | 55.7 | 51.1 | 215 |
| North Kalimantan | 44.5 | 39.1 | 39* |
| North Sulawesi | 65.9 | 58.9 | 156 |
| Central Sulawesi | 47.0 | 40.1 | 211 |
| South Sulawesi | 46.5 | 37.3 | 539 |
| Southeast Sulawesi | 32.7 | 27.4 | 188 |
| Gorontalo | 53.4 | 49.4 | 75 |
| West Sulawesi | 34.8 | 27.9 | 102 |
| Maluku | 29.1 | 26.1 | 125 |
| North Maluku | 26.7 | 22.3 | 80 |
| West Papua | 27.3 | 23.3 | 44* |
| Southwest Papua | 33.0 | 28.3 | 51 |
| Papua | 35.6 | 30.9 | 80 |
| South Papua | 20.0 | 12.0 | 45* |
| Central Papua | 17.4 | 13.3 | 68 |
| Highland Papua | 11.8 | 3.8 | 48* |
| INDONESIA | 49.6 | 43.8 | 15,271 |

* Weighted N <50

Table 13.60 Proportion of PCV Immunization in Children Aged 4-15 Months by Characteristic, 2023 SKI

| Characteristic | PCV 1 | PCV 2 | Weighted N |
|--|--------------|--------------|-------------------|
| | % | % | |
| Sex | | | |
| Male | 49.0 | 43.0 | 7,619 |
| Female | 50.2 | 44.6 | 7,652 |
| Head of Household Education | | | |
| Never attended school | 33.3 | 27.5 | 322 |
| Some primary school/Islamic primary school | 42.4 | 39.9 | 501 |
| Primary school/Islamic primary school graduate | 40.5 | 33.6 | 2,677 |
| Junior secondary school/Islamic junior secondary school graduate | 47.6 | 42.0 | 2,975 |
| Senior secondary school/Islamic senior secondary school graduate | 53.3 | 47.2 | 6,358 |
| D1/D2/D3/university graduate | 56.0 | 51.6 | 2,439 |
| Head of Household Occupation | | | |
| Unemployed | 49.1 | 45.3 | 365 |
| Student | 50.9 | 42.7 | 40* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 56.8 | 49.7 | 927 |
| Private employee | 62.9 | 58.2 | 3,384 |
| Self-employed | 46.9 | 41.4 | 4,501 |
| Farmer/farm worker | 39.3 | 32.8 | 2,919 |
| Fisher | 37.5 | 35.6 | 330 |
| Labor/driver/domestic help | 49.1 | 41.9 | 2,164 |
| Other | 43.3 | 36.3 | 641 |
| Residence | | | |
| Urban | 54.5 | 49.2 | 8,816 |
| Rural | 43.0 | 36.4 | 6,455 |
| Economic Status | | | |
| Lowest | 37.1 | 30.5 | 1,791 |
| Lower middle | 46.1 | 39.3 | 2,518 |
| Middle | 47.1 | 40.9 | 3,217 |
| Upper middle | 50.8 | 45.2 | 3,775 |
| Highest | 58.3 | 53.8 | 3,970 |

* Weighted N <50

Table 13.61 Proportion of New Antigen (PCV) Immunization in Children Aged 4-15 Months by Province, 2023 SKI

| Province | Status of New Antigen Immunization | | | Not Given % | Weighted N |
|--------------------|------------------------------------|------------------|-----------------|----------------|---------------|
| | Complete % | 95% CI | Incomplete % | | |
| Aceh | 7.4 | 5.6-9.7 | 50.4 | 42.2 | 293 |
| North Sumatra | 28.3 | 23.9-33.2 | 59.1 | 12.6 | 987 |
| West Sumatra | 13.1 | 10.0-17.0 | 70.1 | 16.7 | 333 |
| Riau | 22.2 | 17.9-27.3 | 62.3 | 15.5 | 409 |
| Jambi | 43.8 | 37.1-50.8 | 48.9 | 7.3 | 196 |
| South Sumatra | 34.3 | 29.0-40.0 | 59.5 | 6.2 | 474 |
| Bengkulu | 39.5 | 32.3-47.1 | 56.5 | 4.1 | 121 |
| Lampung | 32.6 | 26.7-39.1 | 61.1 | 6.3 | 528 |
| Bangka Belitung | 54.2 | 45.5-62.6 | 38.8 | 7 | 79 |
| Riau Islands | 56.0 | 47.3-64.4 | 39.7 | 4.2 | 121 |
| DKI Jakarta | 56.5 | 47.0-65.6 | 39.5 | 4 | 544 |
| West Java | 44.8 | 41.0-48.6 | 50.6 | 4.6 | 2,822 |
| Central Java | 50.1 | 46.4-53.8 | 48.6 | 1.3 | 1,904 |
| DI Yogyakarta | 80.6 | 71.0-87.5 | 18.4 | 1.1 | 138 |
| East Java | 58.8 | 54.9-62.7 | 39.4 | 1.8 | 1,911 |
| Banten | 28.9 | 23.0-35.6 | 59.8 | 11.3 | 673 |
| Bali | 70.0 | 62.4-76.6 | 29.3 | 0.7 | 225 |
| West Nusa Tenggara | 55.3 | 48.3-62.2 | 43.0 | 1.6 | 355 |
| East Nusa Tenggara | 31.0 | 27.3-35.1 | 63.4 | 5.5 | 405 |
| West Kalimantan | 35.2 | 29.9-41.0 | 55.9 | 8.9 | 276 |
| Central Kalimantan | 40.3 | 33.0-48.1 | 52.0 | 7.7 | 161 |
| South Kalimantan | 40.5 | 34.4-46.9 | 50.2 | 9.3 | 252 |
| East Kalimantan | 48.6 | 41.3-55.8 | 47.6 | 3.8 | 215 |
| North Kalimantan | 38.8 | 29.9-48.5 | 55.4 | 5.7 | 39* |
| North Sulawesi | 55.9 | 49.0-62.6 | 42.7 | 1.4 | 156 |
| Central Sulawesi | 37.7 | 32.1-43.7 | 54.0 | 8.3 | 211 |
| South Sulawesi | 36.1 | 31.8-40.6 | 58.1 | 5.9 | 539 |
| Southeast Sulawesi | 25.6 | 21.3-30.4 | 63.0 | 11.4 | 188 |
| Gorontalo | 46.1 | 36.9-55.5 | 48.7 | 5.2 | 75 |
| West Sulawesi | 26.6 | 19.5-35.1 | 69.4 | 4 | 102 |
| Maluku | 25.3 | 19.3-32.5 | 58.9 | 15.8 | 125 |
| North Maluku | 20.7 | 16.0-26.3 | 68.6 | 10.7 | 80 |
| West Papua | 23.3 | 16.3-32.1 | 53.9 | 22.8 | 44* |
| Southwest Papua | 26.0 | 19.2-34.2 | 62.4 | 11.6 | 51 |
| Papua | 27.1 | 19.0-37.0 | 64.1 | 8.9 | 80 |
| South Papua | 10.9 | 5.2-21.6 | 82.0 | 7.1 | 45* |
| Central Papua | 13.3 | 7.6-22.2 | 34.7 | 52 | 68 |
| Highland Papua | 3.8 | 1.4-10.2 | 26.5 | 69.7 | 48* |
| INDONESIA | 42.0 | 40.8-43.2 | 51.1 | 6.9 | 15,271 |

* Weighted N <50

Table 13.62 Proportion of New Antigen Immunization in Children Aged 4-15 Months by Characteristic, 2023 SKI

| Characteristic | Status of New Antigen Immunization | | | Not Given % | Weighted N |
|--|------------------------------------|-----------|--------------|-------------|------------|
| | Complete % | 95% CI | Incomplete % | | |
| Sex | | | | | |
| Male | 41.1 | 39.3-42.9 | 52.2 | 6.7 | 7,619 |
| Female | 42.9 | 41.1-44.7 | 50.0 | 7.1 | 7,652 |
| Head of Household | | | | | |
| Education | | | | | |
| Never attended school | 26.9 | 20.9-34.0 | 50.8 | 22.2 | 322 |
| Some primary school/Islamic primary school | 36.7 | 30.7-43.3 | 49.3 | 13.9 | 501 |
| Primary school/Islamic primary school graduate | 32.4 | 29.5-35.3 | 60.0 | 7.6 | 2,677 |
| Junior secondary school/Islamic junior secondary school graduate | 39.8 | 37.1-42.5 | 53.9 | 6.3 | 2,975 |
| Senior secondary school/Islamic senior secondary school graduate | 45.5 | 43.5-47.5 | 48.5 | 6.0 | 6,358 |
| D1/D2/D3/university graduate | 49.2 | 46.1-52.3 | 45.3 | 5.5 | 2,439 |
| Head of Household | | | | | |
| Occupation | | | | | |
| Unemployed | 43.1 | 35.4-51.1 | 46.8 | 10.1 | 365 |
| Student | 42.7 | 21.7-66.6 | 50.9 | 6.4 | 40* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 47.7 | 42.6-52.9 | 46.7 | 5.6 | 927 |
| Private employee | 56.0 | 53.0-59.0 | 40.5 | 3.4 | 3,384 |
| Self-employed | 39.6 | 37.4-41.9 | 53.2 | 7.1 | 4,501 |
| Farmer/farm worker | 31.3 | 29.0-33.6 | 59.5 | 9.3 | 2,919 |
| Fisher | 34.4 | 27.5-42.2 | 53.2 | 12.3 | 330 |
| Labor/driver/domestic help | 39.9 | 36.5-43.5 | 52.8 | 7.2 | 2,164 |
| Other | 35.1 | 30.1-40.4 | 56.7 | 8.2 | 641 |
| Residence | | | | | |
| Urban | 47.2 | 45.5-49.0 | 47.3 | 5.5 | 8,816 |
| Rural | 34.8 | 33.1-36.6 | 56.4 | 8.8 | 6,455 |
| Economic Status | | | | | |
| Lowest | 29.1 | 26.3-32.1 | 57.5 | 13.4 | 1,791 |
| Lower middle | 37.4 | 34.6-40.4 | 56.1 | 6.5 | 2,518 |
| Middle | 39.0 | 36.2-41.8 | 54.5 | 6.5 | 3,217 |
| Upper middle | 43.6 | 41.0-46.3 | 49.9 | 6.5 | 3,775 |
| Highest | 51.6 | 49.0-54.2 | 43.6 | 4.8 | 3,970 |

* Weighted N <50

Table 13.63 Proportion of Reasons for Not Administering Immunization to Children Aged 0-59 Months by Province, 2023 SKI

| Province | Reasons for Not Giving Immunization (%) | | | | | | | | | | | | Weighted N |
|--------------------|---|--|-----------------------------|-------------------------|-------------------------------------|--|---|-------------------------|-------------|-------------------------|------------|-------------------------------------|--------------|
| | Forgot/ Schedule Unknown | Difficult to Access Health Facility | Vaccine Not Available | Child's Health Issue | Concern About Side Effects | Family Does not Give Permission | Consider Immuniza tion Not Important | Religio us Issues | No Time | Vaccine Too Pricy | Covid | Vaccinatio n Location Unknown | |
| Aceh | 14.4 | 3.3 | 1.2 | 21.5 | 59.9 | 71.1 | 23.0 | 18.0 | 6.6 | 0.6 | 5.2 | 1.0 | 1,233 |
| North Sumatra | 24.2 | 7.7 | 3.4 | 25.2 | 42.0 | 44.7 | 15.2 | 5.1 | 10.1 | 0.5 | 3.6 | 3.0 | 1,008 |
| West Sumatra | 16.5 | 5.5 | 1.3 | 21.5 | 46.7 | 56.0 | 17.7 | 7.3 | 7.9 | 0.1 | 3.9 | 1.6 | 412 |
| Riau | 30.4 | 13.3 | 6.4 | 24.8 | 46.0 | 41.4 | 21.9 | 11.2 | 15.6 | 2.2 | 7.3 | 2.9 | 446 |
| Jambi | 15.2 | 4.4 | 2.7 | 31.2 | 50.4 | 47.1 | 32.6 | 16.5 | 12.7 | 0.7 | 7.5 | 3.0 | 127 |
| South Sumatra | 33.0 | 16.5 | 3.9 | 27.8 | 51.2 | 40.9 | 29.4 | 8.0 | 13.9 | 3.1 | 7.9 | 5.4 | 264 |
| Bengkulu | 23.0 | 5.3 | 4.6 | 23.1 | 48.8 | 41.4 | 23.1 | 10.8 | 5.0 | 0.0 | 6.1 | 1.0 | 42* |
| Lampung | 30.3 | 11.4 | 3.3 | 30.4 | 38.5 | 26.6 | 8.6 | 21.7 | 11.2 | 1.0 | 9.2 | 1.0 | 177 |
| Bangka Belitung | 21.5 | 3.3 | 2.0 | 24.4 | 56.2 | 51.4 | 16.8 | 15.5 | 4.3 | 0.9 | 3.4 | 3.9 | 68 |
| Riau Islands | 4.0 | 0.6 | 1.2 | 9.0 | 34.2 | 67.2 | 29.1 | 30.4 | 12.9 | 0.6 | 2.7 | 0.6 | 41* |
| DKI Jakarta | 2.8 | 0.0 | 0.0 | 23.3 | 23.1 | 48.6 | 22.9 | 37.7 | 7.4 | 0.0 | 4.8 | 6.8 | 96 |
| West Java | 25.2 | 4.2 | 4.2 | 26.4 | 47.4 | 49.6 | 29.9 | 20.7 | 18.9 | 5.7 | 3.1 | 1.6 | 781 |
| Central Java | 15.8 | 1.6 | 1.4 | 4.1 | 36.0 | 49.3 | 24.2 | 24.1 | 4.5 | 0.0 | 7.0 | 1.1 | 223 |
| DI Yogyakarta | 0.0 | 0.0 | 7.6 | 0.0 | 65.3 | 92.4 | 65.3 | 65.3 | 0.0 | 0.0 | 0.0 | 0.0 | 6* |
| East Java | 16.1 | 2.0 | 0.9 | 19.2 | 51.3 | 66.8 | 19.1 | 10.2 | 9.4 | 0.3 | 5.8 | 2.5 | 380 |
| Banten | 31.7 | 10.2 | 2.5 | 29.7 | 53.6 | 43.0 | 29.7 | 13.2 | 12.4 | 1.0 | 2.7 | 3.9 | 429 |
| Bali | 36.4 | 0.0 | 71.0 | 36.4 | 8.9 | 8.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5* |
| West Nusa Tenggara | 36.9 | 21.6 | 13.9 | 18.3 | 24.6 | 42.0 | 31.6 | 25.5 | 13.7 | 9.7 | 10.7 | 9.7 | 64 |
| East Nusa Tenggara | 23.2 | 9.1 | 6.2 | 12.0 | 14.7 | 16.5 | 14.5 | 2.7 | 10.1 | 0.7 | 1.6 | 3.4 | 96 |
| West Kalimantan | 21.6 | 10.3 | 4.8 | 27.9 | 51.6 | 34.8 | 37.2 | 3.3 | 12.5 | 0.1 | 3.4 | 1.3 | 253 |
| Central Kalimantan | 30.6 | 13.1 | 1.2 | 45.5 | 54.6 | 39.9 | 34.0 | 8.3 | 18.3 | 0.0 | 9.6 | 2.2 | 94 |
| South Kalimantan | 8.7 | 7.4 | 5.3 | 23.8 | 44.7 | 37.7 | 29.2 | 13.2 | 23.7 | 7.2 | 4.4 | 6.4 | 146 |
| East Kalimantan | 28.2 | 11.9 | 2.3 | 15.5 | 27.2 | 41.5 | 34.6 | 15.4 | 9.7 | 0.0 | 4.5 | 0.3 | 68 |
| North Kalimantan | 30.7 | 16.6 | 8.8 | 16.3 | 42.8 | 40.5 | 32.4 | 27.5 | 16.4 | 7.0 | 1.3 | 1.3 | 15* |
| North Sulawesi | 14.6 | 4.9 | 3.1 | 33.1 | 45.6 | 22.8 | 11.2 | 1.8 | 1.4 | 0.0 | 6.0 | 2.2 | 27* |
| Central Sulawesi | 32.7 | 15.8 | 6.8 | 21.9 | 42.0 | 30.0 | 21.8 | 9.9 | 11.4 | 1.0 | 8.1 | 3.8 | 101 |
| South Sulawesi | 15.4 | 5.6 | 2.7 | 27.9 | 40.6 | 34.9 | 15.7 | 5.8 | 6.6 | 0.0 | 1.7 | 0.8 | 223 |
| Southeast Sulawesi | 26.2 | 8.3 | 3.3 | 29.1 | 36.2 | 30.6 | 19.4 | 11.6 | 9.2 | 0.2 | 4.0 | 2.1 | 118 |
| Gorontalo | 46.0 | 10.8 | 9.4 | 24.9 | 38.9 | 22.4 | 7.8 | 0.0 | 14.8 | 0.0 | 0.0 | 0.6 | 23* |
| West Sulawesi | 21.1 | 21.5 | 4.7 | 18.6 | 37.1 | 32.3 | 17.6 | 3.8 | 10.4 | 0.6 | 6.4 | 0.6 | 59 |
| Maluku | 38.6 | 9.0 | 7.4 | 17.9 | 36.5 | 35.3 | 23.2 | 4.6 | 12.0 | 0.9 | 1.4 | 4.6 | 152 |
| North Maluku | 29.7 | 9.9 | 7.2 | 26.5 | 40.0 | 27.6 | 13.9 | 1.0 | 8.7 | 0.1 | 4.0 | 3.6 | 89 |
| West Papua | 33.0 | 19.9 | 8.0 | 22.5 | 41.3 | 52.2 | 30.7 | 2.4 | 9.5 | 0.0 | 3.1 | 3.5 | 50 |
| Southwest Papua | 39.0 | 19.6 | 12.4 | 18.7 | 23.7 | 25.5 | 9.9 | 2.4 | 17.4 | 1.9 | 7.2 | 14.8 | 38* |
| Papua | 39.6 | 19.3 | 12.2 | 18.3 | 28.6 | 21.7 | 27.1 | 4.2 | 13.7 | 2.7 | 3.0 | 7.8 | 50 |
| South Papua | 60.3 | 41.6 | 1.4 | 30.2 | 43.0 | 41.9 | 20.5 | 2.7 | 16.8 | 0.0 | 0.6 | 10.6 | 43* |
| Central Papua | 39.6 | 24.8 | 2.9 | 14.8 | 22.9 | 17.8 | 26.0 | 8.1 | 18.6 | 1.5 | 4.9 | 13.0 | 275 |
| Highland Papua | 24.6 | 18.9 | 5.4 | 7.5 | 21.6 | 39.4 | 15.9 | 1.3 | 8.0 | 0.2 | 1.2 | 6.5 | 271 |
| INDONESIA | 23.4 | 8.6 | 3.5 | 23.0 | 45.0 | 47.0 | 22.8 | 12.0 | 11.3 | 1.4 | 4.6 | 3.1 | 7,992 |

* Weighted N <50

Table 13.64 Proportion of Reasons for Not Administering Immunization to Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Reasons for Not Giving Immunization (%) | | | | | | | | | | | | Weighted N |
|--|---|-------------------------------------|-----------------------|----------------------|----------------------------|---------------------------------|-------------------------------------|------------------|---------|-------------------|-------|------------------------------|------------|
| | Forgot/Schedule Unknown | Difficult to Access Health Facility | Vaccine Not Available | Child's Health Issue | Concern About Side Effects | Family Does not Give Permission | Consider Immunization Not Important | Religious Issues | No Time | Vaccine Too Pricy | Covid | Vaccination Location Unknown | |
| Age Range | | | | | | | | | | | | | |
| 0-5 months | 24.5 | 7.1 | 5.0 | 21.2 | 31.2 | 31.7 | 14.7 | 6.5 | 8.9 | 1.1 | 1.2 | 3.8 | 568 |
| 6-11 months | 17.7 | 4.5 | 2.5 | 24.2 | 44.8 | 48.2 | 25.4 | 10.8 | 9.9 | 3.6 | 2.9 | 3.1 | 648 |
| 12-23 months | 21.7 | 8.7 | 2.6 | 22.0 | 45.5 | 50.8 | 23.5 | 13.6 | 9.9 | 0.6 | 3.8 | 3.1 | 1,364 |
| 24-35 months | 20.9 | 7.4 | 3.2 | 21.6 | 45.5 | 46.7 | 20.8 | 12.7 | 10.6 | 0.8 | 5.4 | 2.3 | 1,748 |
| 36-47 months | 25.8 | 8.4 | 2.9 | 22.8 | 47.3 | 47.2 | 23.2 | 12.5 | 12.3 | 1.2 | 6.6 | 3.0 | 1,811 |
| 48-59 months | 26.4 | 11.6 | 4.7 | 25.3 | 46.2 | 48.6 | 25.2 | 11.9 | 13.3 | 2.1 | 4.0 | 3.7 | 1,854 |
| Sex | | | | | | | | | | | | | |
| Male | 23.6 | 9.0 | 3.8 | 23.4 | 45.0 | 46.9 | 22.8 | 13.2 | 10.8 | 1.6 | 4.1 | 2.8 | 4,063 |
| Female | 23.3 | 8.2 | 3.1 | 22.6 | 44.9 | 47.0 | 22.7 | 10.8 | 11.8 | 1.3 | 5.1 | 3.4 | 3,929 |
| Head of Household Education | | | | | | | | | | | | | |
| Never attended school | 32.7 | 19.7 | 5.1 | 20.7 | 33.1 | 36.5 | 25.0 | 3.9 | 16.4 | 0.2 | 3.0 | 6.8 | 502 |
| Some primary school/Islamic primary school | 22.4 | 13.6 | 2.4 | 25.8 | 45.1 | 43.9 | 18.1 | 9.7 | 11.8 | 0.3 | 4.3 | 4.8 | 468 |
| Primary school/Islamic primary school graduate | 26.5 | 10.6 | 3.9 | 25.3 | 46.7 | 45.6 | 23.8 | 8.3 | 12.4 | 0.8 | 3.6 | 3.3 | 1,622 |
| Junior secondary school/Islamic junior secondary school graduate | 21.3 | 7.7 | 3.1 | 22.9 | 49.7 | 49.8 | 24.9 | 11.2 | 11.5 | 2.0 | 3.2 | 2.9 | 1,463 |
| Senior secondary school/Islamic senior secondary school graduate | 23.1 | 6.4 | 2.8 | 23.3 | 44.9 | 46.8 | 22.1 | 14.1 | 9.9 | 1.5 | 5.0 | 2.3 | 2,924 |
| D1/D2/D3/university graduate | 18.5 | 4.9 | 4.9 | 18.4 | 41.7 | 52.3 | 20.8 | 18.1 | 10.7 | 2.4 | 7.8 | 2.6 | 1,014 |
| Head of Household Occupation | | | | | | | | | | | | | |
| Unemployed | 27.1 | 16.0 | 4.9 | 22.0 | 35.1 | 29.5 | 21.1 | 9.4 | 9.0 | 0.1 | 2.6 | 6.9 | 307 |
| Student | 28.3 | 18.3 | 6.1 | 24.2 | 27.9 | 33.1 | 17.5 | 15.3 | 13.0 | 0 | 10.8 | 3.9 | 12* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 23.2 | 5.8 | 3.1 | 23.5 | 42.5 | 45.7 | 18.9 | 11.6 | 7.4 | 0.4 | 9.5 | 3.2 | 378 |
| Private employee | 24.0 | 5.4 | 3.9 | 20.5 | 43.3 | 50.8 | 25.3 | 18.6 | 14.6 | 2.7 | 4.2 | 2.6 | 953 |
| Self-employed | 22.9 | 5.6 | 2.2 | 22.9 | 47.8 | 51.4 | 22.5 | 14.9 | 11.6 | 1.4 | 5.0 | 2.0 | 2,443 |
| Farmer/farm worker | 25.6 | 14.0 | 4.3 | 23.3 | 42.3 | 44.5 | 23.2 | 7.0 | 10.3 | 0.5 | 3.8 | 4.2 | 2,283 |
| Fisher | 21.6 | 8.3 | 3.5 | 27.1 | 47.9 | 45.6 | 19.0 | 7.9 | 9.2 | 0.9 | 3.8 | 2.5 | 319 |
| Labor/driver/domestic help | 21.2 | 5.4 | 3.4 | 26.6 | 50.7 | 45.0 | 23.6 | 9.8 | 11.1 | 3.1 | 4.7 | 2.3 | 905 |
| Other | 16.6 | 7.2 | 4.1 | 16.2 | 42.3 | 46.5 | 21.7 | 17.6 | 15.3 | 2.2 | 4.3 | 3.7 | 393 |
| Residence | | | | | | | | | | | | | |
| Urban | 19.2 | 4.7 | 2.5 | 20.6 | 43.4 | 46.9 | 22.9 | 14.9 | 11.4 | 1.9 | 5.1 | 2.6 | 3,562 |
| Rural | 26.8 | 11.7 | 4.3 | 24.9 | 46.3 | 47.1 | 22.6 | 9.7 | 11.2 | 1.0 | 4.2 | 3.5 | 4,430 |
| Economic Status | | | | | | | | | | | | | |
| Lowest | 27.7 | 16.9 | 4.5 | 19.4 | 35.2 | 36.8 | 22.1 | 4.4 | 13.5 | 0.9 | 2.7 | 5.2 | 1,953 |
| Lower middle | 23.3 | 6.8 | 3.9 | 24.4 | 46.9 | 49.9 | 25.6 | 8.1 | 12.3 | 2.5 | 4.3 | 2.3 | 1,490 |
| Middle | 25.0 | 7.5 | 2.7 | 25.9 | 53.4 | 50.2 | 23.1 | 11.9 | 10.0 | 1.2 | 4.7 | 3.7 | 1,574 |
| Upper middle | 21.0 | 5.7 | 2.9 | 25.4 | 49.0 | 53.6 | 22.0 | 17.4 | 9.1 | 1.8 | 4.0 | 1.7 | 1,653 |
| Highest | 18.4 | 3.1 | 3.1 | 20.1 | 42.4 | 46.8 | 21.0 | 21.1 | 11.3 | 0.6 | 8.2 | 1.8 | 1,322 |

* Weighted N <50

Table 13.65 Proportion of Adverse Events Following Immunization (AEFI) in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Adverse Events Following Immunization (AEFI) Complaints (%) | | | | Weighted N |
|--------------------|---|-------------------------|------------|------------|---------------|
| | Fever | Injection Site Reaction | Seizures | Others | |
| Aceh | 89.0 | 18.4 | 1.9 | 2.3 | 219 |
| North Sumatra | 89.6 | 24.2 | 2.1 | 1.6 | 1,548 |
| West Sumatra | 87.2 | 27.4 | 2.0 | 4.1 | 531 |
| Riau | 84.0 | 24.7 | 1.7 | 1.8 | 675 |
| Jambi | 91.7 | 39.0 | 1.6 | 0.3 | 373 |
| South Sumatra | 93.3 | 17.1 | 0.5 | 1.0 | 1,083 |
| Bengkulu | 89.9 | 14.6 | 0.9 | 1.1 | 202 |
| Lampung | 91.9 | 12.2 | 1.7 | 0.8 | 1,095 |
| Bangka Belitung | 91.6 | 16.5 | 0.4 | 2.5 | 173 |
| Riau Islands | 92.0 | 28.2 | 2.6 | 0.3 | 304 |
| DKI Jakarta | 91.8 | 15.9 | 0.5 | 2.0 | 1,459 |
| West Java | 93.9 | 11.7 | 1.2 | 1.1 | 7,024 |
| Central Java | 91.2 | 14.1 | 1.1 | 2.6 | 4,533 |
| DI Yogyakarta | 93.8 | 7.2 | 0.9 | 1.0 | 441 |
| East Java | 92.1 | 14.8 | 1.2 | 3.2 | 5,048 |
| Banten | 93.7 | 15.9 | 1.6 | 0.7 | 1,372 |
| Bali | 90.0 | 21.1 | 1.7 | 4.8 | 520 |
| West Nusa Tenggara | 91.4 | 20.4 | 1.7 | 1.2 | 866 |
| East Nusa Tenggara | 89.6 | 24.8 | 0.7 | 1.2 | 691 |
| West Kalimantan | 88.8 | 30.3 | 1.2 | 3.3 | 625 |
| Central Kalimantan | 90.3 | 17.9 | 2.1 | 1.5 | 311 |
| South Kalimantan | 92.9 | 21.7 | 2.4 | 1.2 | 522 |
| East Kalimantan | 91.5 | 18.7 | 0.8 | 0.0 | 560 |
| North Kalimantan | 92.8 | 37.2 | 1.8 | 1.1 | 54 |
| North Sulawesi | 83.2 | 31.0 | 2.6 | 1.8 | 302 |
| Central Sulawesi | 84.8 | 23.1 | 0.6 | 4.9 | 408 |
| South Sulawesi | 92.1 | 21.8 | 1.6 | 1.6 | 1,381 |
| Southeast Sulawesi | 88.0 | 16.0 | 2.2 | 2.5 | 308 |
| Gorontalo | 91.2 | 26.0 | 0.9 | 5.7 | 225 |
| West Sulawesi | 85.3 | 13.7 | 1.4 | 0 | 173 |
| Maluku | 81.5 | 27.6 | 2.4 | 0.4 | 154 |
| North Maluku | 73.0 | 31.3 | 1.5 | 4.7 | 164 |
| West Papua | 87.0 | 33.7 | 0.4 | 0.4 | 50 |
| Southwest Papua | 90.7 | 17.9 | 2.0 | 0.9 | 64 |
| Papua | 93.6 | 23.9 | 0.3 | 1.3 | 157 |
| South Papua | 90.0 | 13.9 | 2.2 | 1.1 | 67 |
| Central Papua | 73.7 | 32.8 | 6.4 | 14.5 | 42* |
| Highland Papua | 91.3 | 38.2 | 1.7 | 0 | 55 |
| INDONESIA | 91.5 | 17.2 | 1.3 | 1.9 | 33,780 |

* Weighted N <50

Table 13.66 Proportion of Adverse Events Following Immunization (AEFI) in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Adverse Events Following Immunization (AEFI) Complaints (%) | | | | Weighted N |
|--|---|-------------------------|----------|--------|------------|
| | Fever | Injection Site Reaction | Seizures | Others | |
| Age Range | | | | | |
| 0-5 months | 86.3 | 18.0 | 0.6 | 3.2 | 3,087 |
| 6-11 months | 91.5 | 17.5 | 1.2 | 1.6 | 6,818 |
| 12-23 months | 91.5 | 18.0 | 1.4 | 1.9 | 7,104 |
| 24-35 months | 91.6 | 16.9 | 1.4 | 2.0 | 7,429 |
| 36-47 months | 91.7 | 16.8 | 1.4 | 1.9 | 7,543 |
| 48-59 months | 92.4 | 16.6 | 1.3 | 1.9 | 3,087 |
| Sex | | | | | |
| Male | 91.4 | 17.1 | 1.4 | 1.8 | 17,259 |
| Female | 91.5 | 17.2 | 1.2 | 2.0 | 16,521 |
| Head of Household Education | | | | | |
| Never attended school | 91.6 | 16.8 | 1.3 | 1.7 | 461 |
| Some primary school/Islamic primary school | 90.5 | 19.2 | 1.7 | 2.4 | 915 |
| Primary school/Islamic primary school graduate | 92.3 | 18.4 | 1.4 | 2.2 | 4,684 |
| Junior secondary school/Islamic junior secondary school graduate | 91.1 | 16.6 | 1.5 | 1.8 | 5,588 |
| Senior secondary school/Islamic senior secondary school graduate | 91.9 | 16.9 | 1.2 | 1.8 | 12,486 |
| D1/D2/D3/university graduate | 90.1 | 16.8 | 1.2 | 2.1 | 4,647 |
| Head of Household Occupation | | | | | |
| Unemployed | 91.2 | 17.2 | 1.0 | 1.7 | 785 |
| Student | 92.9 | 9.9 | 1.7 | 0.6 | 74 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 90.2 | 16.9 | 1.4 | 2.0 | 1,848 |
| Private employee | 92.5 | 15.6 | 1.2 | 1.9 | 8,426 |
| Self-employed | 90.8 | 18.1 | 1.4 | 1.8 | 9,663 |
| Farmer/farm worker | 90.4 | 21.3 | 1.6 | 2.4 | 5,641 |
| Fisher | 93.0 | 19.9 | 1.7 | 0.9 | 594 |
| Labor/driver/domestic help | 93.0 | 13.3 | 1.3 | 1.5 | 5,215 |
| Other | 90.7 | 17.5 | 0.7 | 3.3 | 1,533 |
| Residence | | | | | |
| Urban | 92.0 | 15.6 | 1.3 | 1.7 | 20,463 |
| Rural | 90.7 | 19.5 | 1.4 | 2.3 | 13,317 |
| Economic Status | | | | | |
| Lowest | 90.7 | 19.7 | 1.3 | 1.7 | 3,418 |
| Lower middle | 91.0 | 17.4 | 1.8 | 1.8 | 5,472 |
| Middle | 92.0 | 17.1 | 1.3 | 2.5 | 7,139 |
| Upper middle | 92.0 | 16.7 | 1.2 | 2.0 | 8,596 |
| Highest | 91.2 | 16.6 | 1.1 | 1.6 | 9,155 |

Table 13.67 Proportion of Locations for Adverse Events Following Immunization (AEFI) in Children Aged 0-59 Months Based on Fever AEFI, by Province, 2023 SKI

| Province | Locations of Fever AEFI (%) | | | | Weighted N |
|--------------------|-----------------------------|------------------|-------------|-------------|---------------|
| | Hospital | Medical Practice | Puskesmas | Posyandu | |
| Aceh | 6.7 | 10.0 | 14.3 | 68.9 | 192 |
| North Sumatra | 3.2 | 12.3 | 7.9 | 76.6 | 1,368 |
| West Sumatra | 3.3 | 6.9 | 5.7 | 84.1 | 456 |
| Riau | 5.0 | 13.4 | 7.8 | 73.8 | 559 |
| Jambi | 3.5 | 11.8 | 21.3 | 63.3 | 337 |
| South Sumatra | 4.5 | 16.4 | 10.9 | 68.2 | 997 |
| Bengkulu | 1.1 | 8.5 | 8.6 | 81.8 | 179 |
| Lampung | 1.9 | 20.0 | 5.7 | 72.4 | 992 |
| Bangka Belitung | 5.7 | 7.4 | 6.4 | 80.5 | 156 |
| Riau Islands | 6.0 | 25.8 | 7.0 | 61.2 | 275 |
| DKI Jakarta | 13.9 | 25.6 | 47.6 | 12.9 | 1,321 |
| West Java | 5.5 | 36.0 | 9.3 | 49.2 | 6,507 |
| Central Java | 3.4 | 20.5 | 28.7 | 47.4 | 4,075 |
| DI Yogyakarta | 17.9 | 44.9 | 37.2 | 0 | 408 |
| East Java | 3.6 | 12.1 | 14.4 | 69.8 | 4,587 |
| Banten | 8.0 | 21.8 | 10.4 | 59.9 | 1,268 |
| Bali | 10.6 | 31.1 | 33.4 | 24.9 | 461 |
| West Nusa Tenggara | 1.1 | 3.3 | 7.0 | 88.6 | 780 |
| East Nusa Tenggara | 2.4 | 2.6 | 17.1 | 77.9 | 610 |
| West Kalimantan | 2.7 | 14.5 | 16.5 | 66.3 | 547 |
| Central Kalimantan | 2.7 | 13.0 | 22.8 | 61.6 | 277 |
| South Kalimantan | 2.7 | 9.2 | 26.3 | 61.7 | 479 |
| East Kalimantan | 8.5 | 16.1 | 31.5 | 43.9 | 505 |
| North Kalimantan | 3.8 | 17.2 | 43.1 | 36.0 | 50 |
| North Sulawesi | 3.9 | 3.5 | 22.4 | 70.2 | 248 |
| Central Sulawesi | 3.1 | 3.5 | 6.7 | 86.7 | 342 |
| South Sulawesi | 3.2 | 4.7 | 14.3 | 77.8 | 1,255 |
| Southeast Sulawesi | 1.3 | 3.3 | 5.5 | 89.9 | 267 |
| Gorontalo | 4.3 | 1.9 | 10.3 | 83.5 | 202 |
| West Sulawesi | 3.7 | 3.6 | 8.4 | 84.3 | 145 |
| Maluku | 2.1 | 4.0 | 9.8 | 84.1 | 124 |
| North Maluku | 1.3 | 2.8 | 13.7 | 82.2 | 118 |
| West Papua | 1.6 | 4.2 | 20.8 | 73.4 | 43* |
| Southwest Papua | 0.8 | 5.9 | 10.5 | 82.9 | 58 |
| Papua | 6.5 | 7.9 | 15.5 | 70.2 | 145 |
| South Papua | 0.6 | 2.9 | 9.2 | 87.4 | 59 |
| Central Papua | 15.2 | 10.6 | 39.3 | 34.8 | 31* |
| Highland Papua | 13.5 | 8.2 | 45.1 | 33.2 | 50 |
| INDONESIA | 4.9 | 19.3 | 16.5 | 59.3 | 30,474 |

* Weighted N <50

Table 13.68 Proportion of Locations for Adverse Events Following Immunization (AEFI) in Children Aged 0-59 Months Based on Fever AEFI, by Characteristic, 2023 SKI

| Characteristic | Locations of Fever AEFI (%) | | | | Weighted N |
|--|-----------------------------|------------------|-----------|----------|------------|
| | Hospital | Medical Practice | Puskesmas | Posyandu | |
| Age Range | | | | | |
| 0-5 months | 4.1 | 18.7 | 21.6 | 55.5 | 1,531 |
| 6-11 months | 4.8 | 18.4 | 17.2 | 59.6 | 2,784 |
| 12-23 months | 4.3 | 17.8 | 16.6 | 61.3 | 6,153 |
| 24-35 months | 4.8 | 20.1 | 15.3 | 59.8 | 6,415 |
| 36-47 months | 4.9 | 20.4 | 15.7 | 59.0 | 6,715 |
| 48-59 months | 5.6 | 19.5 | 16.7 | 58.2 | 6,875 |
| Sex | | | | | |
| Male | 5.0 | 18.6 | 16.7 | 59.7 | 15,562 |
| Female | 4.7 | 20.1 | 16.2 | 59.0 | 14,912 |
| Head of Household Education | | | | | |
| Never attended school | 2.1 | 5.0 | 13.3 | 79.6 | 493 |
| Some primary school/Islamic primary school | 2.0 | 12.4 | 12.4 | 73.2 | 956 |
| Primary school/Islamic primary school graduate | 1.6 | 13.4 | 13.3 | 71.7 | 5,058 |
| Junior secondary school/Islamic junior secondary school graduate | 2.0 | 16.2 | 15.5 | 66.3 | 5,879 |
| Senior secondary school/Islamic senior secondary school graduate | 4.9 | 22.9 | 17.8 | 54.4 | 13,206 |
| D1/D2/D3/university graduate | 12.4 | 22.3 | 18.5 | 46.7 | 4,883 |
| Head of Household Occupation | | | | | |
| Unemployed | 4.1 | 15.9 | 16.2 | 63.7 | 706 |
| Student | 4.6 | 29.0 | 10.6 | 55.8 | 68 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 12.8 | 23.0 | 17.6 | 46.5 | 1,643 |
| Private employee | 8.0 | 28.2 | 19.8 | 44.1 | 7,684 |
| Self-employed | 4.3 | 17.6 | 15.3 | 62.7 | 8,650 |
| Farmer/farm worker | 1.7 | 7.6 | 11.8 | 78.8 | 5,026 |
| Fisher | 3.8 | 6.4 | 14.7 | 75.1 | 545 |
| Labor/driver/domestic help | 1.6 | 22.2 | 17.6 | 58.6 | 4,782 |
| Other | 4.8 | 16.0 | 18.0 | 61.3 | 1,370 |
| Residence | | | | | |
| Urban | 7.0 | 25.2 | 19.1 | 48.7 | 18,560 |
| Rural | 1.6 | 10.2 | 12.4 | 75.9 | 11,914 |
| Economic Status | | | | | |
| Lowest | 1.3 | 9.4 | 13.6 | 75.7 | 3,057 |
| Lower middle | 1.9 | 13.7 | 13.7 | 70.7 | 4,911 |
| Middle | 2.1 | 14.0 | 16.8 | 67.1 | 6,479 |
| Upper middle | 3.0 | 19.8 | 18.1 | 59.1 | 7,797 |
| Highest | 12.0 | 30.1 | 17.5 | 40.5 | 8,230 |

Table 13.69 Proportion of Locations of Adverse Events Following Immunization (AEFI) in Children Aged 0-59 Months Based on Injection Site Reaction AEFI Type, by Province, 2023 SKI

| Province | Locations of Injection Site Reaction AEFI (%) | | | | Weighted N |
|--------------------|---|------------------|-------------|-------------|--------------|
| | Hospital | Medical Practice | Puskesmas | Posyandu | |
| Aceh | 9.2 | 17.0 | 14.5 | 59.2 | 47* |
| North Sumatra | 1.7 | 13.0 | 11.4 | 73.9 | 436 |
| West Sumatra | 2.4 | 5.7 | 2.6 | 89.2 | 169 |
| Riau | 8.5 | 19.5 | 3.3 | 68.7 | 194 |
| Jambi | 1.9 | 4.8 | 15.6 | 77.7 | 169 |
| South Sumatra | 2.2 | 7.2 | 6.3 | 84.3 | 215 |
| Bengkulu | 0 | 4.9 | 4.7 | 90.4 | 34* |
| Lampung | 7.0 | 19.6 | 8.1 | 65.3 | 156 |
| Bangka Belitung | 7.5 | 0 | 3.2 | 89.3 | 33* |
| Riau Islands | 3.1 | 36.6 | 3.2 | 57.1 | 100 |
| DKI Jakarta | 24.1 | 25.4 | 43.2 | 7.3 | 270 |
| West Java | 5.6 | 33.6 | 9.7 | 51.1 | 958 |
| Central Java | 5.6 | 15.8 | 27.6 | 51.1 | 742 |
| DI Yogyakarta | 9.0 | 49.6 | 41.4 | 0 | 37* |
| East Java | 2.7 | 13.5 | 10.8 | 73.0 | 868 |
| Banten | 15.9 | 18.9 | 9.9 | 55.3 | 253 |
| Bali | 10.3 | 29.7 | 38.3 | 21.7 | 128 |
| West Nusa Tenggara | 0.3 | 5.4 | 4.0 | 90.2 | 205 |
| East Nusa Tenggara | 2.1 | 1.8 | 13.7 | 82.5 | 199 |
| West Kalimantan | 1.8 | 7.7 | 13.6 | 76.9 | 220 |
| Central Kalimantan | 1.5 | 6.0 | 19.5 | 73.0 | 65 |
| South Kalimantan | 3.7 | 7.6 | 29.7 | 59.1 | 132 |
| East Kalimantan | 7.4 | 15.2 | 23.4 | 54.0 | 121 |
| North Kalimantan | 0.5 | 17.1 | 53.9 | 28.5 | 24* |
| North Sulawesi | 0.8 | 4.6 | 22.0 | 72.5 | 109 |
| Central Sulawesi | 1.1 | 1.3 | 4.6 | 93.0 | 109 |
| South Sulawesi | 2.3 | 6.7 | 14.1 | 76.9 | 350 |
| Southeast Sulawesi | 1.3 | 5.0 | 4.8 | 88.8 | 57 |
| Gorontalo | 5.1 | 1.6 | 6.9 | 86.4 | 68 |
| West Sulawesi | 4.2 | 3.4 | 1.9 | 90.5 | 28* |
| Maluku | 1.6 | 0.5 | 6.7 | 91.3 | 49* |
| North Maluku | 0.6 | 3.0 | 16.4 | 80.0 | 60 |
| West Papua | 0 | 1.8 | 23.6 | 74.6 | 20* |
| Southwest Papua | 3.4 | 7.9 | 4.0 | 84.7 | 13* |
| Papua | 5.3 | 8.6 | 17.9 | 68.2 | 44* |
| South Papua | 1.1 | 0 | 18.8 | 80.1 | 11* |
| Central Papua | 15.5 | 14.5 | 29.4 | 40.5 | 16* |
| Highland Papua | 10.5 | 0 | 26.8 | 62.7 | 25* |
| INDONESIA | 5.1 | 15.5 | 15.0 | 64.4 | 6,733 |

* Weighted N <50

Table 13.70 Proportion of Locations of Adverse Events Following Immunization (AEFI) in Children Aged 0-59 Months Based on Injection Site Reaction AEFI Type, by Characteristic, 2023 SKI

| Characteristic | Locations of Injection Site Reaction AEFI (%) | | | | Weighted N |
|--|---|------------------|-----------|----------|------------|
| | Hospital | Medical Practice | Puskesmas | Posyandu | |
| Age Range | | | | | |
| 0-5 months | 5.7 | 21.8 | 16.5 | 56.0 | 376 |
| 6-11 months | 5.6 | 11.8 | 16.4 | 66.2 | 627 |
| 12-23 months | 5.5 | 13.6 | 17.2 | 63.8 | 1,429 |
| 24-35 months | 4.1 | 19.1 | 14.8 | 62.0 | 1,397 |
| 36-47 months | 5.2 | 15.8 | 13.7 | 65.3 | 1,448 |
| 48-59 months | 5.4 | 13.8 | 13.1 | 67.7 | 1,455 |
| Sex | | | | | |
| Male | 5.4 | 14.1 | 15.7 | 64.9 | 3,432 |
| Female | 4.9 | 17.1 | 14.2 | 63.9 | 3,301 |
| Head of Household | | | | | |
| Education | | | | | |
| Never attended school | 2.3 | 4.8 | 14.2 | 78.6 | 107 |
| Some primary school/Islamic primary school | 3.7 | 14.2 | 11.4 | 70.7 | 239 |
| Primary school/Islamic primary school graduate | 1.4 | 10.0 | 11.7 | 76.8 | 1,186 |
| Junior secondary school/Islamic junior secondary school graduate | 2.0 | 12.7 | 11.2 | 74.1 | 1,263 |
| Senior secondary school/Islamic senior secondary school graduate | 5.3 | 19.4 | 18.2 | 57.0 | 2,865 |
| D1/D2/D3/university graduate | 12.9 | 16.2 | 15.0 | 55.9 | 1,072 |
| Head of Household | | | | | |
| Occupation | | | | | |
| Unemployed | 6.0 | 20.9 | 8.4 | 64.8 | 157 |
| Student | 6.8 | 53.2 | 10.3 | 29.7 | 8* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 9.8 | 14.0 | 22.5 | 53.7 | 362 |
| Private employee | 10.1 | 22.7 | 20.7 | 46.5 | 1,527 |
| Self-employed | 5.0 | 16.6 | 11.9 | 66.5 | 2,028 |
| Farmer/farm worker | 1.1 | 6.0 | 10.4 | 82.4 | 1,397 |
| Fisher | 4.2 | 1.9 | 8.9 | 85.1 | 137 |
| Labor/driver/domestic help | 1.3 | 19.2 | 18.6 | 60.8 | 804 |
| Other | 4.2 | 10.7 | 14.5 | 70.5 | 312 |
| Residence | | | | | |
| Urban | 7.6 | 22.0 | 18.8 | 51.6 | 3,714 |
| Rural | 2.1 | 7.6 | 10.2 | 80.1 | 3,019 |
| Economic Status | | | | | |
| Lowest | 1.9 | 7.3 | 10.7 | 80.2 | 781 |
| Lower middle | 0.8 | 7.8 | 12.9 | 78.5 | 1,104 |
| Middle | 1.3 | 11.1 | 16.7 | 70.9 | 1,419 |
| Upper middle | 3.1 | 17.5 | 15.2 | 64.3 | 1,664 |
| Highest | 14.2 | 25.8 | 16.6 | 43.4 | 1,765 |

* Weighted N <50

Table 13.71 Proportion of Actions Taken in Children Aged 0-59 Months When Adverse Events Following Immunization (AEFI) Occur, by Province, 2023 SKI

| Province | Actions taken when AEFI occurs (%) | | | | | Weighted N |
|--------------------|------------------------------------|----------------|---------------------------|----------------|------------|---------------|
| | Do nothing | Take to doctor | Administer fever medicine | Apply compress | Other | |
| Aceh | 5.1 | 19.7 | 76.8 | 73.9 | 4.8 | 219 |
| North Sumatra | 6.7 | 12.8 | 80.7 | 63.3 | 3.4 | 1,548 |
| West Sumatra | 3.6 | 12.2 | 79.3 | 65.8 | 1.2 | 531 |
| Riau | 10.4 | 12.1 | 74.3 | 67.9 | 1.8 | 675 |
| Jambi | 5.7 | 14.0 | 88.1 | 86.3 | 7.1 | 373 |
| South Sumatra | 4.5 | 4.3 | 80.2 | 73.6 | 1.1 | 1,083 |
| Bengkulu | 6.2 | 13.6 | 84.0 | 75.1 | 3.1 | 202 |
| Lampung | 2.8 | 6.6 | 84.9 | 61.3 | 1.5 | 1,095 |
| Bangka Belitung | 3.3 | 8.6 | 84.4 | 67.4 | 2.6 | 173 |
| Riau Islands | 2.9 | 8.0 | 81.3 | 53.3 | 0.7 | 304 |
| DKI Jakarta | 6.4 | 7.1 | 83.4 | 51.0 | 3.7 | 1,459 |
| West Java | 5.5 | 7.3 | 83.3 | 56.6 | 2.7 | 7,024 |
| Central Java | 5.4 | 7.9 | 86.7 | 44.1 | 3.3 | 4,533 |
| DI Yogyakarta | 2.8 | 3.4 | 89.1 | 34.8 | 4.8 | 441 |
| East Java | 5.2 | 8.1 | 87.3 | 60.2 | 2.4 | 5,048 |
| Banten | 3.3 | 6.0 | 85.6 | 60.2 | 1.6 | 1,372 |
| Bali | 1.8 | 11.2 | 86.6 | 73.0 | 2.9 | 520 |
| West Nusa Tenggara | 11.7 | 4.3 | 74.9 | 63.9 | 2.7 | 866 |
| East Nusa Tenggara | 15.2 | 6.9 | 52.9 | 51.3 | 2.2 | 691 |
| West Kalimantan | 7.6 | 14.6 | 83.1 | 72.4 | 2.1 | 625 |
| Central Kalimantan | 2.5 | 8.3 | 89.6 | 72.2 | 3.4 | 311 |
| South Kalimantan | 3.8 | 5.4 | 85.7 | 67.8 | 3.5 | 522 |
| East Kalimantan | 5.9 | 11.8 | 79.8 | 75.8 | 2.2 | 560 |
| North Kalimantan | 9.8 | 13.6 | 74.2 | 76.0 | 1.8 | 54 |
| North Sulawesi | 6.2 | 14.6 | 74.5 | 60.2 | 3.1 | 302 |
| Central Sulawesi | 9.9 | 4.3 | 51.9 | 69.7 | 3.0 | 408 |
| South Sulawesi | 13.9 | 6.4 | 45.2 | 71.7 | 3.7 | 1,381 |
| Southeast Sulawesi | 10.1 | 8.0 | 64.1 | 74.2 | 3.7 | 308 |
| Gorontalo | 5.2 | 17.3 | 77.7 | 65.6 | 3.9 | 225 |
| West Sulawesi | 12.9 | 5.8 | 30.8 | 69.6 | 3.6 | 173 |
| Maluku | 18.4 | 7.4 | 49.8 | 54.7 | 1.3 | 154 |
| North Maluku | 7.8 | 14.4 | 67.3 | 69.1 | 2.7 | 164 |
| West Papua | 17.3 | 10.9 | 56.0 | 63.9 | 2.7 | 50 |
| Southwest Papua | 8.4 | 9.4 | 79.2 | 56.3 | 4.4 | 64 |
| Papua | 7.8 | 19.9 | 81.1 | 53.0 | 1.7 | 157 |
| South Papua | 8.4 | 9.2 | 64.5 | 69.2 | 0.5 | 67 |
| Central Papua | 14.0 | 24.9 | 73.1 | 58.5 | 7.9 | 42* |
| Highland Papua | 21.2 | 3.5 | 81.1 | 61.1 | 0.6 | 55 |
| INDONESIA | 6.3 | 8.3 | 80.5 | 59.5 | 2.8 | 33,780 |

* Weighted N <50

Table 13.72 Proportion of Actions Taken on Children Aged 0-59 Months When AEFI Occurs by Characteristic, 2023 SKI

| Characteristic | Actions taken when AEFI occurs (%) | | | | | Weighted N |
|--|------------------------------------|----------------|---------------------------|----------------|-------|------------|
| | Do nothing | Take to doctor | Administer fever medicine | Apply compress | Other | |
| Age Range | | | | | | |
| 0-5 months | 9.9 | 7.7 | 68.1 | 58.3 | 3.5 | 1,799 |
| 6-11 months | 7.0 | 7.8 | 78.0 | 61.9 | 2.8 | 3,087 |
| 12-23 months | 5.6 | 8.8 | 80.4 | 59.7 | 2.8 | 6,818 |
| 24-35 months | 6.3 | 8.4 | 82.2 | 57.6 | 2.9 | 7,104 |
| 36-47 months | 5.8 | 8.2 | 81.8 | 59.9 | 2.7 | 7,429 |
| 48-59 months | 6.2 | 8.0 | 81.7 | 59.9 | 2.4 | 7,543 |
| Sex | | | | | | |
| Male | 6.0 | 8.1 | 80.4 | 60.0 | 2.7 | 17,259 |
| Female | 6.6 | 8.4 | 80.6 | 58.9 | 2.8 | 16,521 |
| Head of Household Education | | | | | | |
| Never attended school | 7.8 | 8.1 | 73.2 | 65.2 | 2.6 | 545 |
| Some primary school/Islamic primary school | 5.8 | 6.6 | 76.9 | 64.7 | 3.8 | 1,072 |
| Primary school/Islamic primary school graduate | 7.4 | 6.9 | 79.4 | 60.4 | 2.1 | 5,558 |
| Junior secondary school/Islamic junior secondary school graduate | 6.9 | 7.4 | 81.7 | 59.2 | 2.5 | 6,542 |
| Senior secondary school/Islamic senior secondary school graduate | 5.7 | 8.8 | 81.1 | 58.5 | 2.8 | 14,569 |
| D1/D2/D3/university graduate | 5.7 | 9.5 | 80.2 | 59.8 | 3.3 | 5,494 |
| Head of Household Occupation | | | | | | |
| Unemployed | 7.2 | 7.7 | 81.3 | 59.8 | 2.0 | 785 |
| Student | 3.6 | 6.0 | 82.7 | 70.7 | 2.7 | 74 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 4.8 | 10.5 | 79.1 | 59.0 | 3.5 | 1,848 |
| Private employee | 5.2 | 9.1 | 83.7 | 57.2 | 3.1 | 8,426 |
| Self-employed | 6.0 | 8.5 | 80.9 | 59.8 | 2.6 | 9,663 |
| Farmer/farm worker | 7.6 | 7.3 | 75.7 | 63.6 | 2.7 | 5,641 |
| Fisher | 10.5 | 7.6 | 71.1 | 63.7 | 2.0 | 594 |
| Labor/driver/domestic help | 6.5 | 6.7 | 82.1 | 56.5 | 2.4 | 5,215 |
| Other | 8.1 | 8.6 | 78.0 | 62.7 | 3.1 | 1,533 |
| Residence | | | | | | |
| Urban | 5.7 | 8.7 | 82.1 | 57.1 | 2.8 | 20,463 |
| Rural | 7.2 | 7.6 | 78.0 | 63.1 | 2.7 | 13,317 |
| Economic Status | | | | | | |
| Lowest | 9.3 | 7.0 | 72.1 | 58.2 | 2.7 | 3,418 |
| Lower middle | 7.1 | 6.6 | 79.1 | 60.9 | 2.5 | 5,472 |
| Middle | 6.0 | 7.4 | 81.1 | 58.8 | 3.0 | 7,139 |
| Upper middle | 5.4 | 8.2 | 81.8 | 59.8 | 2.4 | 8,596 |
| Highest | 5.7 | 10.4 | 82.9 | 59.4 | 3.1 | 9,155 |

13.7 GROWTH MONITORING, DEVELOPMENT MONITORING, AND VITAMIN A CAPSULE ADMINISTRATION

Based on the Minister of Health Regulation No. 43 of 2016 concerning the Minimum Service Standards for Health Midwives, it is stated that every toddler receives standard services which include weighing at least 8 times a year, measuring length/height at least 2 times a year, administering vitamin A capsules twice a year, and completing basic immunizations.

A. Proportion of Growth Monitoring in the Last 12 Months in Children Aged 0-59 Months

Growth monitoring through weighing or measuring length/height in the last 12 months. Weighing and measuring length/height are counted at a maximum of only 1 time in 1 month, so if there are 2 or more weighings/measurements, it is considered only once. Weighing and measuring height do not include height measurements taken during this survey or when the child is sick.

$$\text{Proportion of growth monitoring of weight or measuring length/height in children aged 0-59 months} = \frac{\text{Number of children aged 0-59 months who underwent weighing}}{\text{Total number of toddlers}} \times 100\%$$

For children who have not been weighed or measured for height in the past year, the **main reasons** for not being weighed or measured are asked. The 2023 SKI categorizes these reasons into 9 categories: child is already big, child has completed immunizations, child refuses to be weighed/measured, forgets/doesn't know the schedule, no weighing/measuring place available, weighing/measuring place is far, busy, lazy, weighing/measuring equipment not available.

$$\text{Proportion of reasons for never being weighed in children} = \frac{\text{Number of children aged 0-59 months with reasons for not undergoing weighing or measuring height/length as per category of reasons}}{\text{Total number of toddlers who have never undergone weighing/measurement}} \times 100\%$$

B. Proportion of Development Monitoring in the Last 12 Months in Children Aged 1-59 Months

Development monitoring, according to the child's Age Range is carried out by checking the KIA book (only for children who can show the KIA book). Monitoring development according to standard if children aged 1-23 months are monitored at least 2 times and children aged 24-59 months at least 1 time for development monitoring in the last 12 months.

$$\text{Proportion of development monitoring in children aged 1-59 months according to stage/age group} = \frac{\text{Total number of children aged 1-59 months who underwent development monitoring}}{\text{Total number of children aged 1-59 months with KIA book/development monitoring record}} \times 100\%$$

Growth and development monitoring according to the minimum service standards is a composite of growth monitoring and development monitoring variables. Growth monitoring is considered standard if children aged 1-59 Months are weighed ≥ 8 times and measured in length/height ≥ 2 times in the last 12 months. Meanwhile, development monitoring is considered standard if children aged 1-23 months are monitored at least 2 times and children aged 24-59 months at least 1 time for development monitoring in the last 12 months.

C. Proportion of Vitamin A in the Last 12 Months in Children Aged 0-59 Months

Based on the Minimum Service Standards for Health Midwives, it is stated that every toddler receives administration of vitamin A capsules twice a year.

$$\text{Proportion of receiving vitamin A in the last 12 months in children aged 0-59 months} = \frac{\text{Number of children aged 0-59 months who received vitamin A capsules}}{\text{Total number of toddlers}} \times 100\%$$

Table 13.73 Proportion of Weight Weighing Status and Frequency of Weighing in the Last 12 Months in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Weighing Status of Toddlers in One Year | | | | | | | |
|--------------------|---|--------------------|--------------------------------|-------------|--------------------|-------------|------------|---------------|
| | Yes, Weighed | | Number of Weighing in One Year | | | | | |
| | % | CI 95% | Weighted N | ≥ 8 times | CI 95% | < 8 times | Unknown | Weighted N |
| Aceh | 80.9 | 79.1 - 82.6 | 1.928 | 50.9 | 48.3 - 53.5 | 34.7 | 14.3 | 1,479 |
| North Sumatra | 68.6 | 66.6 - 70.5 | 5.421 | 32.8 | 30.4 - 35.2 | 49.5 | 17.8 | 3,525 |
| West Sumatra | 85.6 | 83.7 - 87.3 | 1.907 | 46.7 | 43.9 - 49.4 | 43.2 | 10.2 | 1,547 |
| Riau | 68.6 | 66.0 - 71.1 | 2.289 | 30.9 | 27.8 - 34.2 | 55.9 | 13.2 | 1,489 |
| Jambi | 77.6 | 74.6 - 80.3 | 1.228 | 33.5 | 29.9 - 37.2 | 56.0 | 10.5 | 903 |
| South Sumatra | 67.6 | 65.3 - 69.9 | 2.854 | 39.5 | 36.4 - 42.7 | 48.6 | 11.8 | 1,830 |
| Bengkulu | 71.2 | 67.7 - 74.5 | 693 | 37.6 | 33.7 - 41.7 | 53.0 | 9.5 | 468 |
| Lampung | 81.1 | 78.9 - 83.1 | 3.021 | 48.1 | 44.9 - 51.3 | 40.7 | 11.2 | 2,323 |
| Bangka Belitung | 67.8 | 63.8 - 71.6 | 488 | 45.4 | 40.8 - 50.1 | 44.8 | 9.8 | 314 |
| Riau Islands | 77.2 | 73.0 - 80.9 | 737 | 40.3 | 35.2 - 45.7 | 56.6 | 3.1 | 540 |
| DKI Jakarta | 87.2 | 83.7 - 90.0 | 2.887 | 53.9 | 48.6 - 59.0 | 41.2 | 4.9 | 2,386 |
| West Java | 91.8 | 90.7 - 92.8 | 15.280 | 62.5 | 60.6 - 64.3 | 31.4 | 6.1 | 13,303 |
| Central Java | 93.3 | 92.3 - 94.2 | 10.698 | 68.6 | 67.0 - 70.2 | 27.2 | 4.2 | 9,467 |
| DI Yogyakarta | 96.2 | 93.7 - 97.7 | 930 | 73.8 | 69.2 - 77.9 | 24.4 | 1.8 | 848 |
| East Java | 90.1 | 88.9 - 91.2 | 11.043 | 66.6 | 64.7 - 68.4 | 28.8 | 4.6 | 9,432 |
| Banten | 77.9 | 75.0 - 80.5 | 3.817 | 41.3 | 37.8 - 44.9 | 50.4 | 8.3 | 2,818 |
| Bali | 94.5 | 92.9 - 95.7 | 1.203 | 72.3 | 69.2 - 75.2 | 26.5 | 1.2 | 1,077 |
| West Nusa Tenggara | 90.7 | 88.6 - 92.5 | 1.951 | 69.8 | 66.6 - 72.8 | 25.4 | 4.8 | 1,678 |
| East Nusa Tenggara | 87.6 | 86.0 - 89.0 | 2.189 | 68.5 | 66.4 - 70.5 | 23.7 | 7.8 | 1,817 |
| West Kalimantan | 73.7 | 70.9 - 76.2 | 1.891 | 46.4 | 43.1 - 49.7 | 39.7 | 13.9 | 1,320 |
| Central Kalimantan | 71.1 | 67.9 - 74.1 | 921 | 43.1 | 39.1 - 47.3 | 43.6 | 13.2 | 621 |
| South Kalimantan | 79.0 | 76.4 - 81.4 | 1.387 | 48.0 | 44.8 - 51.1 | 44.3 | 7.7 | 1,039 |
| East Kalimantan | 78.6 | 75.6 - 81.3 | 1.245 | 51.8 | 47.8 - 55.8 | 40.5 | 7.7 | 928 |
| North Kalimantan | 79.7 | 75.9 - 82.9 | 245 | 35.1 | 29.5 - 41.2 | 58.3 | 6.6 | 185 |
| North Sulawesi | 74.8 | 71.7 - 77.7 | 764 | 39.4 | 35.7 - 43.2 | 46.6 | 13.9 | 542 |
| Central Sulawesi | 75.7 | 73.1 - 78.1 | 1.042 | 42.9 | 39.8 - 46.0 | 41.3 | 15.8 | 747 |
| South Sulawesi | 76.8 | 74.9 - 78.7 | 2.985 | 46.7 | 44.3 - 49.2 | 44.2 | 9.0 | 2,174 |
| Southeast Sulawesi | 68.2 | 65.6 - 70.7 | 1.017 | 36.4 | 33.5 - 39.4 | 47.4 | 16.2 | 658 |
| Gorontalo | 75.3 | 70.9 - 79.2 | 400 | 43.0 | 38.8 - 47.3 | 43.9 | 13.1 | 285 |
| West Sulawesi | 82.6 | 79.2 - 85.5 | 537 | 56.7 | 52.2 - 61.2 | 34.5 | 8.7 | 421 |
| Maluku | 69.8 | 66.6 - 72.8 | 681 | 49.3 | 45.0 - 53.6 | 33.6 | 17.2 | 451 |
| North Maluku | 67.8 | 64.4 - 70.9 | 476 | 51.3 | 47.3 - 55.4 | 38.0 | 10.6 | 306 |
| West Papua | 59.9 | 54.7 - 64.9 | 212 | 30.3 | 24.9 - 36.4 | 38.2 | 31.5 | 120 |
| Southwest Papua | 63.8 | 59.7 - 67.6 | 229 | 36.2 | 31.5 - 41.1 | 47.6 | 16.2 | 138 |
| Papua | 71.7 | 67.5 - 75.5 | 432 | 45.3 | 40.1 - 50.6 | 40.1 | 14.6 | 294 |
| South Papua | 69.5 | 62.9 - 75.4 | 287 | 30.1 | 24.4 - 36.4 | 53.3 | 16.6 | 189 |
| Central Papua | 32.4 | 26.6 - 38.8 | 467 | 26.3 | 17.1 - 38.1 | 58.8 | 14.9 | 143 |
| Highland Papua | 42.3 | 35.8 - 49.1 | 449 | 13.5 | 10.1 - 17.8 | 50.7 | 35.9 | 180 |
| INDONESIA | 83.2 | 82.8 - 83.6 | 86,231 | 55.8 | 55.1 - 56.4 | 36.2 | 8.0 | 67,986 |

Table 13.74 Proportion of Weight Weighing Status and Frequency of Weighing in the Last 12 Months in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Weighing Status of Toddlers in One Year | | | | | | | |
|--|---|-------------|------------|--------------------------------|-------------|-----------|----------|------------|
| | Yes, Weighed | | | Number of Weighing in One Year | | | | |
| | % | CI 95% | Weighted N | ≥ 8 times | CI 95% | < 8 times | Un-known | Weighted N |
| Age Range | | | | | | | | |
| 0-5 months | 91.9 | 90.8 - 92.8 | 6.645 | 2.3 | 1.8 - 3.0 | 94.7 | 2.9 | 5,787 |
| 6-11 months | 92.4 | 91.5 - 93.2 | 7.365 | 46.2 | 44.3 - 48.1 | 48.3 | 5.5 | 6,451 |
| 12-23 months | 88.6 | 87.9 - 89.3 | 16.228 | 66.4 | 65.1 - 67.6 | 26.3 | 7.4 | 13,637 |
| 24-35 months | 83.7 | 82.9 - 84.5 | 17.570 | 62.2 | 61.0 - 63.5 | 28.7 | 9.1 | 13,944 |
| 36-47 months | 79.1 | 78.2 - 79.9 | 19.028 | 61 | 59.7 - 62.3 | 29.6 | 9.4 | 14,265 |
| 48-59 months | 75.6 | 74.7 - 76.5 | 19.396 | 60.2 | 58.9 - 61.5 | 30.4 | 9.4 | 13,902 |
| Sex | | | | | | | | |
| Male | 82.9 | 82.4 - 83.4 | 44.035 | 55.3 | 54.5 - 56.2 | 36.6 | 8.0 | 34,611 |
| Female | 83.4 | 82.9 - 84.0 | 42.196 | 56.2 | 55.4 - 57.1 | 35.8 | 8.0 | 33,375 |
| HoH Education | | | | | | | | |
| Never attended school | 69.1 | 65.7 - 72.3 | 1.794 | 51.5 | 47.6 - 55.3 | 37.0 | 11.5 | 1,175 |
| Some primary school/Islamic primary school | 78.3 | 76.0 - 80.4 | 2.993 | 54.6 | 51.4 - 57.7 | 35.4 | 10.1 | 2,221 |
| Primary school/Islamic primary school graduate | 82.3 | 81.3 - 83.3 | 14.701 | 56.9 | 55.3 - 58.4 | 35.3 | 7.8 | 11,475 |
| Junior secondary school/Islamic junior secondary school graduate | 83.4 | 82.5 - 84.3 | 17.026 | 58.4 | 57.0 - 59.8 | 33.7 | 7.9 | 13,464 |
| Senior secondary school/Islamic senior secondary school graduate | 84.2 | 83.6 - 84.8 | 35.991 | 54.6 | 53.6 - 55.5 | 37.5 | 7.9 | 28,724 |
| D1/D2/D3/university graduate | 84.0 | 83.0 - 84.9 | 13.725 | 55.3 | 53.8 - 56.8 | 37.1 | 7.6 | 10,926 |
| HoH Occupation | | | | | | | | |
| Unemployed | 78.4 | 75.1 - 81.4 | 2.226 | 57.5 | 53.4 - 61.5 | 34.8 | 7.7 | 1,656 |
| Student | 81.4 | 70.6 - 88.9 | 196 | 59.7 | 46.2 - 71.8 | 33.3 | 7.0 | 151 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 84.1 | 82.7 - 85.3 | 4.977 | 52.8 | 50.4 - 55.1 | 38.3 | 9.0 | 3,967 |
| Private employee | 87.0 | 86.1 - 87.8 | 19.332 | 57.6 | 56.2 - 59.0 | 36.5 | 5.9 | 15,945 |
| Self-employed | 82.4 | 81.6 - 83.1 | 25.062 | 53.7 | 52.5 - 54.8 | 38.0 | 8.4 | 19,578 |
| Farmer/farm worker | 79.2 | 78.4 - 80.0 | 16.588 | 54.7 | 53.5 - 55.9 | 35.0 | 10.4 | 12,457 |
| Fisher | 74.1 | 70.7 - 77.2 | 1.763 | 47.4 | 43.8 - 51.1 | 40.6 | 11.9 | 1,237 |
| Labor/driver/domestic help | 86.0 | 84.9 - 87.0 | 12.205 | 60.2 | 58.4 - 62.0 | 32.9 | 6.9 | 9,949 |
| Other | 82.8 | 81.1 - 84.4 | 3.882 | 56.0 | 53.4 - 58.7 | 35.8 | 8.2 | 3,046 |
| Residence | | | | | | | | |
| Urban | 84.4 | 83.9 - 85.0 | 49.430 | 54.8 | 54.0 - 55.7 | 38.2 | 7.0 | 39,572 |
| Rural | 81.4 | 80.8 - 82.1 | 36.801 | 57.1 | 56.2 - 58.0 | 33.5 | 9.4 | 28,414 |
| Economic Status | | | | | | | | |
| Lowest | 76.3 | 75.2 - 77.5 | 10.761 | 56.8 | 55.3 - 58.4 | 32.6 | 10.5 | 8,215 |
| Lower middle | 82.1 | 81.1 - 83.1 | 14.583 | 56.5 | 55.1 - 58.0 | 34.3 | 9.2 | 11,975 |
| Middle | 84.0 | 83.2 - 84.8 | 17.836 | 56.8 | 55.4 - 58.1 | 35.2 | 8.0 | 14,990 |
| Upper middle | 84.1 | 83.2 - 84.9 | 20.759 | 55.3 | 53.9 - 56.6 | 37.7 | 7.0 | 17,452 |
| Highest | 85.6 | 84.8 - 86.3 | 22.290 | 54.5 | 53.2 - 55.8 | 38.4 | 7.1 | 19,076 |

Table 13.75 Proportion of Main Reasons Children Were Not Weighed in the Last 12 Months for Children Aged 0-59 Months by Province, 2023 SKI

| Province | Main Reasons for Not Weighing Children (%) | | | | | | | | Weighted N | |
|--------------------|--|--------------------------|-----------------------------|--------------------------------|--------------------------------|------------|--------------|-------------|------------|---------------|
| | Child is ≥1 Year Old | Child Has Been Immunized | Child Refused to be Weighed | Forgot/No Idea of The Schedule | No Weighing Facility Available | Too Far | Too Occupied | Unwilling | | |
| Aceh | 12.0 | 8.9 | 14.2 | 16.1 | 0.3 | 3.6 | 35.4 | 9.0 | 0.5 | 409 |
| North Sumatra | 23.6 | 14.2 | 11.6 | 14.0 | 1.4 | 3.0 | 22.1 | 8.4 | 1.7 | 1,853 |
| West Sumatra | 13.2 | 10.4 | 13.8 | 12.0 | 2.2 | 3.9 | 31.3 | 12.9 | 0.3 | 305 |
| Riau | 27.1 | 14.4 | 8.7 | 9.9 | 1.4 | 4.3 | 23.3 | 10.5 | 0.5 | 799 |
| Jambi | 28.4 | 16.6 | 12.3 | 8.5 | 1.3 | 4.0 | 20.0 | 7.8 | 1.1 | 309 |
| South Sumatra | 29.9 | 20.7 | 6.6 | 5.4 | 0.7 | 3.9 | 26.1 | 5.7 | 1.0 | 1,056 |
| Bengkulu | 25.7 | 25.9 | 7.0 | 9.7 | 0 | 1.0 | 27.4 | 3.0 | 0.2 | 225 |
| Lampung | 28.6 | 25.0 | 7.3 | 7.6 | 0.7 | 2.9 | 20.4 | 7.3 | 0.3 | 670 |
| Bangka Belitung | 36.6 | 15.5 | 4.4 | 7.0 | 0.4 | 1.0 | 25.6 | 8.5 | 1.1 | 179 |
| Riau Islands | 29.8 | 10.5 | 4.5 | 9.2 | 1.4 | 1.7 | 38.0 | 3.8 | 1.1 | 199 |
| DKI Jakarta | 11.3 | 9.1 | 15.0 | 22.8 | 2.8 | 1.0 | 34.0 | 1.9 | 2.1 | 407 |
| West Java | 12.0 | 9.8 | 15.4 | 8.4 | 1.0 | 2.3 | 32.6 | 18.2 | 0.4 | 1,268 |
| Central Java | 12.0 | 6.5 | 13.8 | 12.5 | 1.2 | 2.6 | 41.1 | 10.2 | 0.2 | 752 |
| DI Yogyakarta | 0 | 10.5 | 0 | 25.2 | 0 | 5.9 | 48.9 | 9.6 | 0 | 37* |
| East Java | 22.4 | 8.4 | 12.0 | 11.2 | 0.2 | 6.9 | 29.4 | 9.1 | 0.4 | 1,223 |
| Banten | 23.6 | 9.4 | 13.1 | 9.8 | 0.8 | 4.0 | 22.6 | 16.7 | 0 | 916 |
| Bali | 7.6 | 23.2 | 14.3 | 17.9 | 4.5 | 1.2 | 28.0 | 3.3 | 0 | 74 |
| West Nusa Tenggara | 27.4 | 7.3 | 10.7 | 16.4 | 1.6 | 3.2 | 23.1 | 9.6 | 0.6 | 206 |
| East Nusa Tenggara | 11.2 | 18.2 | 5.6 | 17.1 | 1.4 | 8.6 | 27.8 | 9.9 | 0.2 | 225 |
| West Kalimantan | 18.5 | 14.8 | 9.3 | 8.2 | 0.8 | 4.1 | 33.0 | 9.2 | 2.1 | 583 |
| Central Kalimantan | 22.0 | 21.8 | 10.1 | 10.3 | 0.9 | 4.5 | 26.0 | 4.0 | 0.3 | 287 |
| South Kalimantan | 22.6 | 12.7 | 10.9 | 8.9 | 0.6 | 4.5 | 31.0 | 8.5 | 0.3 | 333 |
| East Kalimantan | 12.4 | 14.7 | 5.8 | 7.9 | 3.0 | 4.9 | 42.3 | 7.2 | 1.9 | 300 |
| North Kalimantan | 16.1 | 15.1 | 5.3 | 9.8 | 1.8 | 2.6 | 39.6 | 9.5 | 0.3 | 51 |
| North Sulawesi | 21.5 | 29.2 | 8.8 | 15.8 | 0.2 | 0.6 | 12.1 | 10.9 | 1.0 | 184 |
| Central Sulawesi | 20.7 | 14.4 | 10.0 | 8.2 | 0.7 | 2.7 | 29.8 | 12.5 | 1.0 | 264 |
| South Sulawesi | 20.0 | 13.5 | 6.4 | 12.5 | 1.1 | 3.2 | 31.1 | 10.4 | 1.7 | 784 |
| Southeast Sulawesi | 23.4 | 21.3 | 5.6 | 13.8 | 1.0 | 1.4 | 19.8 | 12.5 | 1.3 | 349 |
| Gorontalo | 20.2 | 15.4 | 6.2 | 29.1 | 0.2 | 3.6 | 11.4 | 13.6 | 0.3 | 104 |
| West Sulawesi | 12.2 | 15.9 | 13.2 | 13.8 | 0.4 | 2.1 | 33.2 | 9.3 | 0 | 98 |
| Maluku | 16.2 | 15.4 | 4.7 | 19.3 | 1.6 | 4.0 | 24.7 | 13.4 | 0.7 | 208 |
| North Maluku | 19.7 | 8.2 | 9.1 | 20.3 | 2.7 | 3.0 | 23.1 | 12.5 | 1.4 | 156 |
| West Papua | 19.4 | 11.9 | 11.1 | 15.5 | 4.6 | 5.7 | 19.9 | 11.2 | 0.8 | 72 |
| Southwest Papua | 14.3 | 21.1 | 3.3 | 20.6 | 5.6 | 5.9 | 19.8 | 9.2 | 0.2 | 83 |
| Papua | 15.6 | 8.0 | 4.9 | 28.6 | 3.7 | 9.1 | 15.8 | 13.7 | 0.6 | 124 |
| South Papua | 21.7 | 9.8 | 9.9 | 12.6 | 3.7 | 9.6 | 24.4 | 6.3 | 2.0 | 89 |
| Central Papua | 13.7 | 10.4 | 1.8 | 17.5 | 3.9 | 12.4 | 25.1 | 12.2 | 3.0 | 302 |
| Highland Papua | 18.1 | 11.1 | 0.9 | 19.5 | 8.7 | 18.0 | 10.9 | 10.1 | 2.8 | 243 |
| INDONESIA | 20.7 | 13.7 | 10.0 | 11.9 | 1.3 | 4.0 | 27.4 | 10.0 | 0.9 | 15,726 |

* Weighted N <50

Table 13.76 Proportion of Main Reasons Children Were Not Weighed in the Last 12 Months for Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Main Reasons for Not Weighing Children (%) | | | | | | | | | Weighted N |
|--|--|--------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|---------|-----------------|-----------|--------------------------------------|------------|
| | Child is ≥ 1 Year Old | Child Has Been Immunized | Child Refused to be Weighed | Forgot/No Idea of the Schedule | No Weighing Facility Available | Too Far | Too Occupied | Unwilling | No Weighing Scale Available | |
| Age Range | | | | | | | | | | |
| 0-5 months | 3.3 | 13.9 | 5.2 | 26.5 | 3.2 | 7.0 | 31.6 | 8.7 | 0.8 | 580 |
| 6-11 months | 4.6 | 8.9 | 6.8 | 19.6 | 1.5 | 10.3 | 34.3 | 11.6 | 2.4 | 565 |
| 12-23 months | 10.8 | 10.4 | 7.9 | 15.5 | 1.6 | 5.2 | 30.7 | 15.8 | 2.1 | 1,931 |
| 24-35 months | 17.8 | 11.6 | 12.3 | 12.4 | 1.9 | 4.1 | 28.0 | 11.4 | 0.5 | 3,096 |
| 36-47 months | 22.9 | 14.0 | 11.4 | 10.3 | 1.1 | 3.5 | 25.9 | 10.2 | 0.8 | 4,357 |
| 48-59 months | 28.0 | 16.6 | 9.1 | 9.0 | 0.9 | 2.9 | 25.8 | 6.9 | 0.7 | 5,197 |
| Sex | | | | | | | | | | |
| Male | 20.3 | 13.7 | 11.2 | 11.9 | 1.1 | 4.4 | 26.8 | 9.5 | 1.0 | 8,133 |
| Female | 21.2 | 13.7 | 8.8 | 11.8 | 1.5 | 3.6 | 27.9 | 10.5 | 0.9 | 7,593 |
| HoH Education | | | | | | | | | | |
| Never attended school | 13.6 | 9.0 | 8.1 | 11.6 | 3.7 | 12.7 | 29.5 | 10.5 | 1.2 | 562 |
| Some primary school/Islamic primary school | 18.0 | 10.0 | 8.3 | 14.4 | 1.9 | 10.2 | 25.4 | 11.3 | 0.5 | 673 |
| Primary school/Islamic primary school graduate | 18.5 | 13.2 | 11.5 | 11.4 | 1.5 | 5.4 | 24.5 | 12.9 | 1.1 | 2,831 |
| Junior secondary school/Islamic junior secondary school graduate | 22.1 | 13.6 | 11.2 | 11.6 | 0.9 | 3.3 | 25.2 | 11.3 | 0.8 | 3,029 |
| Senior secondary school/Islamic senior secondary school graduate | 22.2 | 14.4 | 10.4 | 12.1 | 1.2 | 3 | 26.7 | 9.1 | 1.0 | 6,283 |
| D1/D2/D3/university graduate | 20.2 | 14.9 | 6.6 | 11.7 | 1.3 | 2.3 | 35.4 | 6.8 | 0.7 | 2,349 |
| HoH Occupation | | | | | | | | | | |
| Unemployed | 15.8 | 11.3 | 13 | 20.9 | 3.0 | 5.4 | 16.8 | 11.8 | 2.0 | 495 |
| Student | 8.5 | 17.7 | 6.5 | 17.7 | | 7.3 | 37.6 | 4.7 | | 35* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 23.2 | 16.8 | 6.7 | 10.1 | 1.6 | 1.1 | 31.7 | 7.7 | 1.1 | 842 |
| Private employee | 17.2 | 15.5 | 9.5 | 13.3 | 0.9 | 2.5 | 31.7 | 9.1 | 0.4 | 2,741 |
| Self-employed | 23.1 | 12.5 | 9.9 | 11.2 | 1.1 | 2.9 | 29.0 | 9.3 | 1.2 | 4,832 |
| Farmer/farm worker | 20.9 | 15.3 | 10 | 11.8 | 1.6 | 7.5 | 22.8 | 9.4 | 0.7 | 3,689 |
| Fisher | 11.7 | 13.3 | 9.9 | 15.9 | 2.5 | 3.7 | 27.4 | 13.8 | 1.8 | 497 |
| Labor/driver/domestic help | 21.1 | 11.5 | 11.7 | 9.3 | 1.3 | 4.3 | 25.8 | 14.5 | 0.6 | 1,872 |
| Other | 23.8 | 11.5 | 10.9 | 11.0 | 1.1 | 1.9 | 29.6 | 8.3 | 1.8 | 723 |
| Residence | | | | | | | | | | |
| Urban | 20.0 | 12.6 | 9.1 | 12.6 | 1.2 | 2.5 | 30.4 | 10.5 | 0.9 | 8,421 |
| Rural | 21.5 | 15.0 | 11.0 | 11.0 | 1.5 | 5.7 | 23.9 | 9.4 | 0.9 | 7,305 |
| Economic Status | | | | | | | | | | |
| Lowest | 16.5 | 12.6 | 9.2 | 14.2 | 2.6 | 8.9 | 23.4 | 11.4 | 1.1 | 2,629 |
| Lower middle | 21.9 | 13.3 | 11.8 | 11.9 | 1.1 | 4.3 | 24.1 | 11.2 | 0.4 | 2,851 |
| Middle | 20.9 | 15.0 | 10.3 | 12.0 | 1.0 | 3.3 | 25.2 | 11.1 | 1.1 | 3,124 |
| Upper middle | 21.1 | 13.4 | 10.8 | 11.0 | 1.2 | 3.5 | 27.4 | 10.4 | 1.2 | 3,660 |
| Highest | 22.3 | 14.0 | 8.0 | 10.9 | 1.0 | 1.3 | 35.1 | 6.5 | 0.8 | 3,463 |

Table 13.77 Proportion of Height Measurement Status and Frequency in the Last 12 Months for Children Aged 0-59 Months by Province, 2023 SKI

| Province | Status and Frequency of Height Measurement of Children in a Year | | | | | | | |
|--------------------|--|--------------------|---------------|----------------------------------|--------------------|------------|------------|---------------|
| | Yes, Height Measured | | Weighted N | Number of Measurements in a Year | | | | Weighted N |
| | % | CI 95% | | ≥ 2 times | CI 95% | < 2 times | Unknown | |
| Aceh | 77.2 | 75.2 - 79.1 | 1,928 | 81.1 | 78.8 - 83.1 | 4.0 | 15.0 | 1,404 |
| North Sumatra | 58.4 | 56.2 - 60.6 | 5,421 | 72.9 | 70.2 - 75.4 | 8.3 | 18.8 | 2,987 |
| West Sumatra | 80.3 | 78.1 - 82.4 | 1,907 | 81.9 | 79.5 - 84.1 | 7.3 | 10.7 | 1,444 |
| Riau | 62.9 | 60.2 - 65.4 | 2,289 | 75.8 | 72.5 - 78.8 | 10.9 | 13.3 | 1,357 |
| Jambi | 71.6 | 68.6 - 74.5 | 1,228 | 77.3 | 73.7 - 80.5 | 12.5 | 10.3 | 830 |
| South Sumatra | 59.1 | 56.6 - 61.7 | 2,854 | 79.2 | 76.2 - 81.9 | 8.5 | 12.3 | 1,592 |
| Bengkulu | 58.5 | 54.8 - 62.1 | 693 | 76.5 | 72.3 - 80.2 | 11.9 | 11.6 | 383 |
| Lampung | 75.3 | 72.8 - 77.7 | 3,021 | 81.9 | 78.8 - 84.5 | 5.7 | 12.5 | 2,146 |
| Bangka Belitung | 62.7 | 58.6 - 66.5 | 488 | 83.9 | 80.1 - 87.1 | 6.9 | 9.2 | 289 |
| Riau Islands | 74.4 | 69.9 - 78.4 | 737 | 85.9 | 81.6 - 89.3 | 10.2 | 4.0 | 517 |
| DKI Jakarta | 84.6 | 80.8 - 87.8 | 2,887 | 88.6 | 85.4 - 91.2 | 6.0 | 5.4 | 2,304 |
| West Java | 86.5 | 85.1 - 87.8 | 15,280 | 87.4 | 86.0 - 88.7 | 5.9 | 6.7 | 12,470 |
| Central Java | 91.1 | 90.0 - 92.1 | 10,698 | 91.9 | 90.8 - 92.8 | 3.8 | 4.3 | 9,196 |
| DI Yogyakarta | 92.0 | 88.4 - 94.6 | 930 | 93.3 | 90.5 - 95.2 | 3.5 | 3.2 | 807 |
| East Java | 87.7 | 86.4 - 88.9 | 11,043 | 88.5 | 87.2 - 89.7 | 6.2 | 5.3 | 9,132 |
| Banten | 68.9 | 65.6 - 72.1 | 3,817 | 82.4 | 79.1 - 85.3 | 8.2 | 9.4 | 2,481 |
| Bali | 87.6 | 84.9 - 89.8 | 1,203 | 93.7 | 91.8 - 95.2 | 5.2 | 1.1 | 994 |
| West Nusa Tenggara | 85.9 | 83.6 - 88.0 | 1,951 | 86.0 | 83.2 - 88.4 | 8.5 | 5.5 | 1,582 |
| East Nusa Tenggara | 84.8 | 83.1 - 86.3 | 2,189 | 80.9 | 79.0 - 82.6 | 10 | 9.1 | 1,751 |
| West Kalimantan | 68.1 | 65.0 - 71.0 | 1,891 | 80.0 | 76.9 - 82.9 | 6.3 | 13.6 | 1,214 |
| Central Kalimantan | 65.8 | 62.5 - 68.9 | 921 | 81.2 | 77.3 - 84.6 | 4.1 | 14.7 | 572 |
| South Kalimantan | 76.3 | 73.6 - 78.8 | 1,387 | 86.7 | 84.1 - 88.9 | 5.8 | 7.5 | 999 |
| East Kalimantan | 75.0 | 71.8 - 78.0 | 1,245 | 87.8 | 84.9 - 90.2 | 5.1 | 7.2 | 881 |
| North Kalimantan | 77.5 | 73.7 - 80.9 | 245 | 86.7 | 82.4 - 90.0 | 7.0 | 6.3 | 179 |
| North Sulawesi | 67.8 | 64.4 - 71.1 | 764 | 74.4 | 70.1 - 78.3 | 9.7 | 15.8 | 489 |
| Central Sulawesi | 72.0 | 69.1 - 74.7 | 1,042 | 76.4 | 73.2 - 79.4 | 6.9 | 16.6 | 707 |
| South Sulawesi | 72.1 | 70.1 - 74.1 | 2,985 | 82.3 | 80.3 - 84.2 | 7.0 | 10.7 | 2,031 |
| Southeast Sulawesi | 60.9 | 58.3 - 63.5 | 1,017 | 71.9 | 68.8 - 74.9 | 11.1 | 17.0 | 585 |
| Gorontalo | 72.8 | 68.5 - 76.7 | 400 | 77.9 | 73.3 - 82.0 | 7.6 | 14.5 | 274 |
| West Sulawesi | 79.5 | 75.6 - 82.8 | 537 | 83.5 | 80.0 - 86.5 | 5.0 | 11.5 | 403 |
| Maluku | 63.8 | 60.4 - 67.0 | 681 | 76.7 | 72.1 - 80.7 | 5.4 | 18.0 | 410 |
| North Maluku | 61.5 | 58.0 - 64.9 | 476 | 83.0 | 79.1 - 86.3 | 4.3 | 12.7 | 276 |
| West Papua | 53.4 | 48.4 - 58.3 | 212 | 58.6 | 50.8 - 65.9 | 8.4 | 33.0 | 107 |
| Southwest Papua | 58.4 | 54.1 - 62.7 | 229 | 71.7 | 67.2 - 75.8 | 11.7 | 16.6 | 126 |
| Papua | 64.4 | 60.0 - 68.5 | 432 | 76.2 | 70.8 - 80.9 | 6.6 | 17.2 | 262 |
| South Papua | 65.8 | 59.5 - 71.7 | 287 | 78.8 | 71.9 - 84.3 | 4.8 | 16.5 | 178 |
| Central Papua | 28.2 | 22.8 - 34.4 | 467 | 70.4 | 59.2 - 79.6 | 14.1 | 15.5 | 124 |
| Highland Papua | 38.4 | 31.8 - 45.4 | 449 | 48.3 | 37.2 - 59.6 | 17.9 | 33.8 | 162 |
| INDONESIA | 78.2 | 77.8 - 78.7 | 86,231 | 85.0 | 84.6 - 85.5 | 6.4 | 8.5 | 63,643 |

Table 13.78 Proportion of Height Measurement Status and Frequency in the Last 12 Months for Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Status and Frequency of Height Measurement of Children in a Year | | | | | | | |
|--|--|-------------|------------|----------------------------------|-------------|-----------|------------|--------|
| | Yes, Height Measured | | Weighted N | Number of Measurements in a Year | | | Weighted N | |
| | % | CI 95% | | ≥ 2 times | CI 95% | < 2 times | Unknown | |
| Age Range | | | | | | | | |
| 0-5 months | 87.4 | 86.1 - 88.6 | 6.645 | 66.9 | 64.9 - 68.9 | 29.5 | 3.5 | 5,476 |
| 6-11 months | 87.4 | 86.2 - 88.5 | 7.365 | 89.4 | 88.2 - 90.5 | 4.2 | 6.4 | 6,069 |
| 12-23 months | 83.9 | 83.0 - 84.8 | 16.228 | 88.0 | 87.2 - 88.9 | 3.8 | 8.1 | 12,845 |
| 24-35 months | 78.8 | 77.8 - 79.7 | 17.570 | 86.1 | 85.1 - 87.0 | 4.4 | 9.5 | 13,057 |
| 36-47 months | 74.2 | 73.2 - 75.1 | 19.028 | 86.1 | 85.2 - 87.0 | 4.3 | 9.6 | 13,316 |
| 48-59 months | 70.4 | 69.4 - 71.4 | 19.396 | 85.5 | 84.5 - 86.5 | 4.6 | 9.9 | 12,881 |
| Sex | | | | | | | | |
| Male | 77.9 | 77.2 - 78.5 | 44.035 | 84.5 | 83.9 - 85.1 | 6.8 | 8.7 | 32,339 |
| Female | 78.7 | 78.0 - 79.3 | 42.196 | 85.6 | 84.9 - 86.2 | 6.1 | 8.4 | 31,304 |
| HoH Education | | | | | | | | |
| Never attended school | 64.9 | 61.5 - 68.2 | 1.794 | 77.9 | 74.1 - 81.3 | 9.4 | 12.7 | 1,098 |
| Some primary school/Islamic primary school | 72.6 | 70.0 - 75.0 | 2.993 | 82.2 | 79.7 - 84.5 | 7.4 | 10.4 | 2,049 |
| Primary school/Islamic primary school graduate | 78.3 | 77.2 - 79.4 | 14.701 | 85.3 | 84.2 - 86.4 | 6.5 | 8.1 | 10,861 |
| Junior secondary school/Islamic junior secondary school graduate | 78.8 | 77.8 - 79.8 | 17.026 | 85.7 | 84.7 - 86.7 | 5.4 | 8.8 | 12,656 |
| Senior secondary school/Islamic senior secondary school graduate | 79.0 | 78.3 - 79.7 | 35.991 | 85.0 | 84.3 - 85.7 | 6.7 | 8.3 | 26,829 |
| D1/D2/D3/university graduate | 78.4 | 77.3 - 79.5 | 13.725 | 85.3 | 84.2 - 86.3 | 6.4 | 8.3 | 10,150 |
| HoH Occupation | | | | | | | | |
| Unemployed | 74.4 | 71.0 - 77.6 | 2.226 | 84.6 | 81.2 - 87.5 | 7.5 | 7.9 | 1,563 |
| Student | 77.3 | 66.6 - 85.3 | 196 | 91.1 | 85.0 - 94.9 | 2.7 | 6.2 | 143 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 77.2 | 75.5 - 78.8 | 4.977 | 83.8 | 82.0 - 85.4 | 6.8 | 9.4 | 3,623 |
| Private employee | 82.1 | 81.0 - 83.1 | 19.332 | 87.9 | 87.0 - 88.8 | 5.8 | 6.3 | 14,971 |
| Self-employed | 77.5 | 76.7 - 78.4 | 25.062 | 84.3 | 83.4 - 85.2 | 6.9 | 8.8 | 18,330 |
| Farmer/farm worker | 74.9 | 74.0 - 75.8 | 16.588 | 82.0 | 81.1 - 83.0 | 7.1 | 10.9 | 11,724 |
| Fisher | 70.0 | 66.5 - 73.3 | 1.763 | 82.9 | 79.6 - 85.9 | 5.4 | 11.6 | 1,164 |
| Labor/driver/domestic help | 81.0 | 79.7 - 82.2 | 12.205 | 86.6 | 85.3 - 87.8 | 5.6 | 7.9 | 9,323 |
| Other | 76.5 | 74.5 - 78.4 | 3.882 | 84.3 | 82.4 - 86.0 | 6.9 | 8.8 | 2,802 |
| Residence | | | | | | | | |
| Urban | 78.9 | 78.3 - 79.6 | 49.430 | 86.1 | 85.5 - 86.8 | 6.5 | 7.4 | 36,795 |
| Rural | 77.3 | 76.7 - 78.0 | 36.801 | 83.5 | 82.8 - 84.2 | 6.4 | 10.1 | 26,848 |
| Economic Status | | | | | | | | |
| Lowest | 72.5 | 71.3 - 73.7 | 10.761 | 82.1 | 80.9 - 83.2 | 6.6 | 11.3 | 7,361 |
| Lower middle | 77.6 | 76.5 - 78.7 | 14.583 | 84.6 | 83.6 - 85.6 | 5.8 | 9.5 | 10,671 |
| Middle | 79.7 | 78.8 - 80.6 | 17.836 | 84.7 | 83.7 - 85.7 | 6.4 | 8.9 | 13,404 |
| Upper middle | 79.2 | 78.2 - 80.1 | 20.759 | 85.8 | 84.9 - 86.7 | 6.7 | 7.5 | 15,499 |
| Highest | 79.5 | 78.5 - 80.4 | 22.290 | 86.1 | 85.2 - 87.0 | 6.6 | 7.3 | 16,705 |

Table 13.79 Proportion of Main Reasons for Never Having Height Measurement in the Last 12 Months for Children Aged 0-59 Months by Province, 2023 SKI

| Province | Main Reason Child Never Had Height/Length Measured (%) | | | | | | | | Weighted N | |
|--------------------|--|--------------------------|------------------------------|--------------------------------|--------------------------------|------------|--------------|------------|------------|---------------|
| | Child is ≥ 1 Year Old | Child Has Been Immunized | Child Refused to be Measured | Forgot/No Idea of the Schedule | No Weighing Facility Available | Too Far | Too Occupied | Unwilling | | |
| Aceh | 10.9 | 2.7 | 19.7 | 16.5 | 1.8 | 3.2 | 35.5 | 8.2 | 1.5 | 443 |
| North Sumatra | 20.4 | 9.9 | 13.4 | 12.2 | 9.1 | 2.6 | 21.5 | 7.1 | 3.9 | 2,318 |
| West Sumatra | 11.5 | 6.2 | 17.4 | 10.6 | 6.1 | 3.4 | 30.7 | 10.9 | 3.1 | 404 |
| Riau | 27.7 | 8.7 | 12.4 | 10.4 | 3.6 | 4.1 | 21.8 | 9.7 | 1.6 | 895 |
| Jambi | 27.4 | 10.3 | 15.2 | 9.3 | 3.1 | 5.5 | 20.6 | 7.3 | 1.3 | 364 |
| South Sumatra | 26.0 | 14.9 | 12.3 | 4.9 | 5.7 | 3.1 | 24.7 | 5.6 | 2.9 | 1,264 |
| Bengkulu | 21.2 | 14.4 | 12.3 | 12.4 | 9.8 | 0.8 | 21.7 | 4.6 | 2.9 | 311 |
| Lampung | 26.3 | 17.4 | 10.2 | 8.9 | 6.9 | 2.3 | 19.6 | 6.7 | 1.8 | 821 |
| Bangka Belitung | 35.3 | 7.9 | 10.0 | 8.4 | 2.5 | 1.2 | 24.8 | 7.2 | 2.7 | 198 |
| Riau Islands | 24.9 | 8.7 | 10.8 | 9.3 | 3.5 | 1.5 | 34.8 | 4.0 | 2.6 | 216 |
| DKI Jakarta | 10.5 | 5.4 | 13.4 | 17.2 | 9.6 | 1.1 | 36.3 | 2.9 | 3.7 | 454 |
| West Java | 10.6 | 4.9 | 14.7 | 8.2 | 12.6 | 2.7 | 28.8 | 13.7 | 3.9 | 2,030 |
| Central Java | 10.2 | 3.6 | 18.8 | 8.7 | 4.7 | 2.7 | 39.7 | 9.1 | 2.4 | 898 |
| DI Yogyakarta | 1.5 | 6.6 | 22 | 9.9 | 6.3 | 3.0 | 35.5 | 4.8 | 10.3 | 70 |
| East Java | 18.6 | 6.5 | 15.9 | 10.7 | 5.8 | 5.5 | 28.3 | 8.0 | 0.6 | 1,392 |
| Banten | 19.4 | 4.1 | 17.0 | 8.5 | 6.2 | 4.4 | 20.1 | 13.9 | 6.3 | 1,233 |
| Bali | 11.7 | 12.5 | 11.7 | 15.2 | 23.4 | 0.8 | 20.5 | 1.0 | 3.3 | 157 |
| West Nusa Tenggara | 19.9 | 4.6 | 12.5 | 11.4 | 13.4 | 4.3 | 25.5 | 7.0 | 1.4 | 277 |
| East Nusa Tenggara | 8.6 | 14.1 | 7.2 | 20.7 | 4.7 | 8.4 | 24.4 | 11.4 | 0.6 | 251 |
| West Kalimantan | 17.1 | 11.6 | 11.4 | 8 | 1.4 | 4.4 | 32.0 | 9.2 | 5.0 | 640 |
| Central Kalimantan | 18.1 | 12.5 | 15.5 | 9.7 | 7.9 | 3.2 | 25.3 | 6.0 | 1.7 | 329 |
| South Kalimantan | 22.7 | 8.7 | 12.4 | 9.4 | 2.4 | 3.6 | 30.2 | 8.3 | 2.2 | 348 |
| East Kalimantan | 11.4 | 8.1 | 10 | 8.5 | 6.5 | 4.1 | 42.5 | 5.8 | 3.0 | 317 |
| North Kalimantan | 14.4 | 9.4 | 8.8 | 11 | 4.5 | 3.5 | 37.6 | 10.2 | 0.6 | 56 |
| North Sulawesi | 22.7 | 19.9 | 11.2 | 14.3 | 3.9 | 0.7 | 13.0 | 8.6 | 5.7 | 227 |
| Central Sulawesi | 18.3 | 14.9 | 10.5 | 9.3 | 2.5 | 2.8 | 27.1 | 10.6 | 4.0 | 285 |
| South Sulawesi | 18.9 | 8.5 | 9.2 | 10.4 | 6.1 | 3.2 | 31.1 | 9.1 | 3.5 | 874 |
| Southeast Sulawesi | 23.1 | 17.3 | 11.3 | 10.7 | 3.6 | 1.9 | 18.2 | 10.7 | 3.2 | 406 |
| Gorontalo | 17.4 | 15.0 | 7.1 | 27.5 | 2.8 | 5.0 | 10.4 | 13.9 | 0.8 | 108 |
| West Sulawesi | 11.5 | 9.2 | 12.3 | 14.9 | 5.0 | 3.3 | 29.5 | 12.3 | 2.0 | 105 |
| Maluku | 18.3 | 6.2 | 6.1 | 21.2 | 5.9 | 4.2 | 24.2 | 11.2 | 2.7 | 227 |
| North Maluku | 18.1 | 4.4 | 14.1 | 15.7 | 9.3 | 2.5 | 19.6 | 10.4 | 5.7 | 182 |
| West Papua | 22.4 | 8.0 | 8.3 | 15.1 | 6.4 | 6.9 | 17.8 | 10.7 | 4.3 | 79 |
| Southwest Papua | 12.5 | 15.8 | 10.2 | 17.2 | 9.5 | 6.1 | 17.2 | 9.7 | 1.8 | 94 |
| Papua | 15.7 | 5.8 | 4.4 | 25.8 | 10.4 | 7.0 | 16.4 | 11.2 | 3.2 | 149 |
| South Papua | 26.8 | 4.4 | 9.7 | 10.6 | 3.4 | 10.3 | 23.5 | 6.6 | 4.7 | 95 |
| Central Papua | 15.4 | 5.6 | 2.9 | 19.1 | 6.5 | 8.3 | 27.5 | 12.0 | 2.6 | 291 |
| Highland Papua | 19.2 | 5.6 | 4.5 | 19.4 | 11.9 | 18.8 | 12.7 | 6.8 | 1.0 | 254 |
| INDONESIA | 18.5 | 8.8 | 13.1 | 10.9 | 6.9 | 3.7 | 26.1 | 8.9 | 3.1 | 19,061 |

Table 13.80 Proportion of Main Reasons for Never Having Height/Length Measured in the Last 12 Months for Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Main Reason Child Never Had Height/Length Measured (%) | | | | | | | | Weighted N |
|--|--|--------------------------|------------------------------|--------------------------------|--------------------------------|---------|--------------|-----------|------------|
| | Child is ≥ 1 Year Old | Child Has Been Immunized | Child Refused to be Measured | Forgot/No Idea of the Schedule | No Weighing Facility Available | Too Far | Too Occupied | Unwilling | |
| Age Range | | | | | | | | | |
| 0-5 months | 0.6 | 4.0 | 4.7 | 23.1 | 23.5 | 5.1 | 28.5 | 6.4 | 4.1 |
| 6-11 months | 1.1 | 3.2 | 10.0 | 16.2 | 18.0 | 6.4 | 26.6 | 11.1 | 7.4 |
| 12-23 months | 9.9 | 4.4 | 13.8 | 12.2 | 9.5 | 4.9 | 27.3 | 13.2 | 4.7 |
| 24-35 months | 17.3 | 7.0 | 16.2 | 11.4 | 5.9 | 3.4 | 27.2 | 9.3 | 2.4 |
| 36-47 months | 21.1 | 9.8 | 14.0 | 10.0 | 4.7 | 3.5 | 25.2 | 9.1 | 2.6 |
| 48-59 months | 25.9 | 12.5 | 11.6 | 8.2 | 4.5 | 2.9 | 25.2 | 6.7 | 2.4 |
| Sex | | | | | | | | | |
| Male | 18.5 | 8.3 | 14.2 | 10.8 | 6.7 | 3.9 | 25.9 | 8.5 | 3.1 |
| Female | 18.5 | 9.4 | 11.9 | 10.9 | 7.1 | 3.4 | 26.4 | 9.3 | 3.1 |
| HoH Education | | | | | | | | | |
| Never attended school | 14.5 | 5.1 | 9.5 | 11.1 | 7.6 | 11.2 | 28.4 | 9.3 | 3.2 |
| Some primary school/Islamic primary school | 15.7 | 5.7 | 13.5 | 14.1 | 7.6 | 8.8 | 21.5 | 10.7 | 2.5 |
| Primary school/Islamic primary school graduate | 17.8 | 9.1 | 14.0 | 10.4 | 5.4 | 5.1 | 24.0 | 11.4 | 2.9 |
| Junior secondary school/Islamic junior secondary school graduate | 18.8 | 8.8 | 15.2 | 11.5 | 5.7 | 3.5 | 23.4 | 10.5 | 2.6 |
| Senior secondary school/Islamic senior secondary school graduate | 19.9 | 9 | 13.3 | 10.5 | 8.1 | 2.7 | 25.2 | 8.2 | 3.1 |
| D1/D2/D3/university graduate | 17.0 | 9.6 | 9.8 | 10.7 | 6.7 | 2.0 | 34.5 | 5.7 | 4.0 |
| HoH Occupation | | | | | | | | | |
| Unemployed | 15.6 | 8.5 | 13.5 | 17.8 | 9.0 | 6.2 | 16.4 | 9.0 | 4.2 |
| Student | 10.1 | 13.2 | 15.0 | 14.5 | 1.2 | 7.4 | 20 | 15.8 | 2.8 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 20.3 | 10.5 | 8.6 | 9.5 | 7.5 | 1.8 | 31.7 | 5.9 | 4.3 |
| Private employee | 15.7 | 9.5 | 12.0 | 10.7 | 8.8 | 2.6 | 28.7 | 8.3 | 3.9 |
| Self-employed | 20.0 | 8.9 | 13.6 | 10.2 | 5.6 | 2.6 | 28 | 8.2 | 3 |
| Farmer/farm worker | 19.8 | 9.7 | 13.8 | 11.8 | 6.5 | 6.2 | 21.6 | 8.7 | 1.8 |
| Fisher | 15.3 | 7.7 | 11.3 | 13.8 | 5.1 | 5.8 | 25.7 | 11.9 | 3.3 |
| Labor	driver/domestic help | 17.2 | 6.0 | 14.5 | 9.8 | 8.1 | 3.8 | 24.9 | 12.5 | 3.4 |
| Other | 19.8 | 7.6 | 14.2 | 9.9 | 6.5 | 2.1 | 27.2 | 9.0 | 3.8 |
| Residence | | | | | | | | | |
| Urban | 17.1 | 7.9 | 12.0 | 11.0 | 7.8 | 2.4 | 28.9 | 9.3 | 3.7 |
| Rural | 20.4 | 10.0 | 14.5 | 10.7 | 5.9 | 5.3 | 22.6 | 8.4 | 2.4 |
| Economic Status | | | | | | | | | |
| Lowest | 15.5 | 8.3 | 12.9 | 13.2 | 6.1 | 8.2 | 22.4 | 10.9 | 2.5 |
| Lower middle | 19.1 | 9.4 | 14.7 | 11.7 | 6.0 | 3.8 | 23.5 | 9.7 | 2.0 |
| Middle | 19.4 | 9.1 | 14.4 | 11.7 | 6.5 | 3.1 | 23.4 | 9.7 | 2.7 |
| Upper middle | 18.1 | 9.0 | 13.5 | 9.9 | 6.8 | 3.5 | 26.2 | 9.2 | 3.7 |
| Highest | 19.6 | 8.4 | 10.6 | 9.1 | 8.5 | 1.3 | 32.4 | 6.2 | 4.0 |

* Weighted N <50

Table 13.81 Proportion of Growth Monitoring in the Last 12 Months According to Standards for Children Aged 0-59 Months by Province, 2023 SKI

| Province | Standard Growth Monitoring for Children 0-59 Months | | | |
|--------------------|---|--------------------|-------------|---------------|
| | Yes | CI 95% | No | Weighted N |
| Aceh | 38.8 | 36.5 - 41.2 | 61.2 | 1,929 |
| North Sumatra | 19.4 | 17.8 - 21.1 | 80.6 | 5,442 |
| West Sumatra | 37.1 | 34.6 - 39.7 | 62.9 | 1,908 |
| Riau | 19.5 | 17.3 - 21.9 | 80.5 | 2,289 |
| Jambi | 23.4 | 20.6 - 26.4 | 76.6 | 1,229 |
| South Sumatra | 23.3 | 21.1 - 25.7 | 76.7 | 2,856 |
| Bengkulu | 21.0 | 18.4 - 23.9 | 79 | 696 |
| Lampung | 36.4 | 33.6 - 39.3 | 63.6 | 3,022 |
| Bangka Belitung | 29.1 | 25.8 - 32.7 | 70.9 | 488 |
| Riau Islands | 29.5 | 25.4 - 34.1 | 70.5 | 737 |
| DKI Jakarta | 45.3 | 40.3 - 50.3 | 54.7 | 2,888 |
| West Java | 53.8 | 52.0 - 55.7 | 46.2 | 15,285 |
| Central Java | 62.3 | 60.6 - 63.9 | 37.7 | 10,714 |
| DI Yogyakarta | 66.0 | 61.1 - 70.6 | 34 | 930 |
| East Java | 56.9 | 55.0 - 58.7 | 43.1 | 11,046 |
| Banten | 27.8 | 25.0 - 30.8 | 72.2 | 3,818 |
| Bali | 62.8 | 59.4 - 66.1 | 37.2 | 1,203 |
| West Nusa Tenggara | 57.8 | 54.5 - 61.0 | 42.2 | 1,952 |
| East Nusa Tenggara | 54.7 | 52.5 - 56.9 | 45.3 | 2,190 |
| West Kalimantan | 31.4 | 28.8 - 34.2 | 68.6 | 1,892 |
| Central Kalimantan | 27.8 | 24.7 - 31.1 | 72.2 | 922 |
| South Kalimantan | 36.9 | 34.1 - 39.6 | 63.1 | 1,389 |
| East Kalimantan | 38.4 | 34.9 - 42.0 | 61.6 | 1,245 |
| North Kalimantan | 27.4 | 22.8 - 32.7 | 72.6 | 245 |
| North Sulawesi | 25.6 | 22.9 - 28.6 | 74.4 | 766 |
| Central Sulawesi | 29.6 | 27.3 - 32.1 | 70.4 | 1,042 |
| South Sulawesi | 32.7 | 30.7 - 34.7 | 67.3 | 2,990 |
| Southeast Sulawesi | 22.1 | 20.1 - 24.3 | 77.9 | 1,018 |
| Gorontalo | 29.4 | 26.1 - 33.0 | 70.6 | 402 |
| West Sulawesi | 42.2 | 38.1 - 46.3 | 57.8 | 553 |
| Maluku | 30.6 | 27.3 - 34.1 | 69.4 | 682 |
| North Maluku | 31.5 | 28.3 - 34.9 | 68.5 | 476 |
| West Papua | 14.8 | 11.4 - 19.1 | 85.2 | 212 |
| Southwest Papua | 19.8 | 16.9 - 23.1 | 80.2 | 230 |
| Papua | 27.7 | 23.7 - 32.0 | 72.3 | 433 |
| South Papua | 18.6 | 14.9 - 23.0 | 81.4 | 287 |
| Central Papua | 7.1 | 4.6 - 10.9 | 92.9 | 467 |
| Highland Papua | 4.2 | 3.2 - 5.4 | 95.8 | 449 |
| INDONESIA | 43.3 | 42.7 - 43.9 | 56.7 | 86,320 |

Table 13.82 Proportion of Growth Monitoring in the Last 12 Months According to Standard for Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Standard Growth Monitoring for Children 0-59 Months | | | |
|--|---|-------------|------|------------|
| | Yes | CI 95% | No | Weighted N |
| Age Range | | | | |
| 0-5 months | 1,7 | 1,3 - 2,2 | 98,3 | 6.647 |
| 6-11 months | 39,5 | 37,7 - 41,3 | 60,5 | 7.367 |
| 12-23 months | 55,0 | 53,8 - 56,2 | 45,0 | 16.233 |
| 24-35 months | 49,1 | 47,9 - 50,3 | 50,9 | 17.576 |
| 36-47 months | 45,4 | 44,2 - 46,6 | 54,6 | 19.065 |
| 48-59 months | 42,0 | 40,9 - 43,2 | 58,0 | 19.433 |
| Sex | | | | |
| Male | 42,8 | 42,1 - 43,6 | 57,2 | 44.081 |
| Female | 43,8 | 43,0 - 44,6 | 56,2 | 42.239 |
| HoH Education | | | | |
| Never attended school | 32,1 | 29,1 - 35,3 | 67,9 | 1.796 |
| Some primary school/Islamic primary school | 39,7 | 36,9 - 42,6 | 60,3 | 2.997 |
| Primary school/Islamic primary school graduate | 44,1 | 42,7 - 45,5 | 55,9 | 14.716 |
| Junior secondary school/Islamic junior secondary school graduate | 45,7 | 44,4 - 47,0 | 54,3 | 17.047 |
| Senior secondary school/Islamic senior secondary school graduate | 43,0 | 42,1 - 43,9 | 57,0 | 36.028 |
| D1/D2/D3/university graduate | 42,7 | 41,3 - 44,2 | 57,3 | 13.737 |
| HoH Occupation | | | | |
| Unemployed | 42,2 | 38,6 - 45,9 | 57,8 | 2.227 |
| Student | 45,6 | 33,8 - 58,0 | 54,4 | 196 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 40,7 | 38,5 - 42,8 | 59,3 | 4.980 |
| Private employee | 47,1 | 45,8 - 48,4 | 52,9 | 19.339 |
| Self-employed | 41,4 | 40,3 - 42,4 | 58,6 | 25.091 |
| Farmer/farm worker | 40,5 | 39,4 - 41,6 | 59,5 | 16.606 |
| Fisher | 33,2 | 30,1 - 36,4 | 66,8 | 1.767 |
| Labor/driver/domestic help | 48,2 | 46,5 - 49,8 | 51,8 | 12.219 |
| Other | 42,6 | 40,1 - 45,1 | 57,4 | 3.895 |
| Residence | | | | |
| Urban | 43,2 | 42,4 - 44,0 | 56,8 | 49.480 |
| Rural | 43,5 | 42,7 - 44,3 | 56,5 | 36.840 |
| Economic Status | | | | |
| Lowest | 40,4 | 39,0 - 41,8 | 59,6 | 10.779 |
| Lower middle | 43,8 | 42,5 - 45,1 | 56,2 | 14.601 |
| Middle | 44,7 | 43,5 - 46,0 | 55,3 | 17.855 |
| Upper middle | 43,6 | 42,4 - 44,8 | 56,4 | 20.774 |
| Highest | 43,0 | 41,8 - 44,3 | 57,0 | 22.308 |

Table 13.83 Proportion of Developmental Monitoring According to Age Range in Children Aged 1-59 Months by Province, 2023 SKI

| Province | Developmental Monitoring | | | | | | | | | |
|--------------------|--------------------------|---------------|--------------|---------------|--------------|---------------|---------------|---------------|----------------|---------------|
| | 29 days – 3 months | Weighted N | 3 – 6 months | Weighted N | 6 – 9 months | Weighted N | 9 – 12 months | Weighted N | 12 – 18 months | Weighted N |
| Aceh | 30.3 | 1,916 | 28.5 | 1,870 | 27.5 | 1,807 | 26.4 | 1,735 | 24.5 | 1,652 |
| North Sumatra | 31.0 | 5,382 | 29.4 | 5,279 | 27.7 | 5,040 | 25.1 | 4,806 | 20.7 | 4,543 |
| West Sumatra | 41.7 | 1,892 | 38.9 | 1,837 | 36.1 | 1,767 | 33.5 | 1,673 | 30.4 | 1,589 |
| Riau | 26.7 | 2,262 | 24.0 | 2,210 | 21.9 | 2,111 | 19.5 | 2,020 | 16.0 | 1,919 |
| Jambi | 54.2 | 1,219 | 51.4 | 1,194 | 49.3 | 1,145 | 46.8 | 1,103 | 40.7 | 1,061 |
| South Sumatra | 35.1 | 2,834 | 32.7 | 2,762 | 30.4 | 2,648 | 29.0 | 2,530 | 24.7 | 2,420 |
| Bengkulu | 43.3 | 690 | 43.0 | 668 | 41.3 | 645 | 38.6 | 617 | 33.1 | 588 |
| Lampung | 54.3 | 2,994 | 50.3 | 2,930 | 48.4 | 2,809 | 46.5 | 2,691 | 42.2 | 2,572 |
| Bangka Belitung | 53.8 | 486 | 50.3 | 479 | 47.0 | 462 | 46.0 | 442 | 40.6 | 424 |
| Riau Islands | 51.2 | 732 | 49.0 | 709 | 47.4 | 679 | 44.7 | 647 | 41.1 | 618 |
| DKI Jakarta | 62.7 | 2,850 | 59.7 | 2,791 | 58.7 | 2,684 | 53.5 | 2,556 | 48.9 | 2,415 |
| West Java | 42.2 | 15,114 | 40.8 | 14,731 | 39.1 | 14,107 | 37.7 | 13,521 | 34.2 | 12,791 |
| Central Java | 54.2 | 10,587 | 52.1 | 10,300 | 50.4 | 9,792 | 49.4 | 9,274 | 47.3 | 8,839 |
| DI Yogyakarta | 51.8 | 924 | 48.3 | 897 | 47.5 | 856 | 47.9 | 821 | 46.2 | 785 |
| East Java | 57.2 | 10,917 | 55.1 | 10,643 | 54.1 | 10,094 | 53.4 | 9,645 | 51.0 | 9,212 |
| Banten | 43.7 | 3,783 | 41.3 | 3,684 | 38.7 | 3,544 | 37.5 | 3,368 | 33.4 | 3,221 |
| Bali | 56.1 | 1,193 | 53.9 | 1,158 | 53.5 | 1,106 | 50.5 | 1,055 | 48.1 | 997 |
| West Nusa Tenggara | 41.1 | 1,930 | 39.8 | 1,878 | 39.2 | 1,783 | 37.2 | 1,715 | 35.0 | 1,625 |
| East Nusa Tenggara | 44.5 | 2,168 | 43.1 | 2,097 | 41.8 | 1,992 | 39.7 | 1,905 | 37.7 | 1,805 |
| West Kalimantan | 47.3 | 1,883 | 42.8 | 1,832 | 41.1 | 1,770 | 38.6 | 1,693 | 35.2 | 1,637 |
| Central Kalimantan | 43.7 | 915 | 40.6 | 901 | 38.3 | 857 | 38.1 | 809 | 35.1 | 770 |
| South Kalimantan | 55.2 | 1,374 | 52.8 | 1,339 | 51.0 | 1,279 | 48.7 | 1,201 | 45.2 | 1,145 |
| East Kalimantan | 45.8 | 1,231 | 42.9 | 1,194 | 40.5 | 1,158 | 38.3 | 1,103 | 33.7 | 1,051 |
| North Kalimantan | 41.2 | 242 | 36.5 | 236 | 34.3 | 224 | 31.6 | 212 | 26.6 | 203 |
| North Sulawesi | 46.6 | 753 | 44.0 | 737 | 41.3 | 700 | 38.4 | 658 | 35.5 | 615 |
| Central Sulawesi | 44.2 | 1,031 | 40.6 | 1,001 | 36.9 | 946 | 35.2 | 887 | 31.1 | 835 |
| South Sulawesi | 43.9 | 2,955 | 42.3 | 2,863 | 40.7 | 2,728 | 36.8 | 2,595 | 32.8 | 2,465 |
| Southeast Sulawesi | 31.9 | 1,004 | 30.3 | 981 | 29.0 | 933 | 26.7 | 883 | 23.0 | 841 |
| Gorontalo | 54.3 | 395 | 51.5 | 383 | 48.9 | 368 | 45.8 | 351 | 44.2 | 330 |
| West Sulawesi | 36.6 | 530 | 35.2 | 516 | 34.3 | 487 | 32.6 | 465 | 29.3 | 436 |
| Maluku | 29.2 | 673 | 27.3 | 653 | 25.7 | 623 | 22.7 | 588 | 19.0 | 560 |
| North Maluku | 33.0 | 471 | 32.0 | 461 | 29.9 | 440 | 27.4 | 422 | 22.4 | 402 |
| West Papua | 21.4 | 211 | 20.8 | 206 | 19.5 | 198 | 18.9 | 189 | 17.5 | 178 |
| Southwest Papua | 23.5 | 227 | 21.9 | 221 | 19.8 | 208 | 17.6 | 195 | 15.1 | 184 |
| Papua | 33.6 | 430 | 33.4 | 418 | 31.2 | 402 | 29.5 | 379 | 26.4 | 360 |
| South Papua | 22.4 | 284 | 19.8 | 280 | 17.9 | 270 | 17.1 | 262 | 14.1 | 251 |
| Central Papua | 11.2 | 461 | 11.1 | 456 | 9.9 | 447 | 9.1 | 429 | 8.1 | 407 |
| Highland Papua | 13.1 | 443 | 9.9 | 438 | 10.3 | 430 | 7.3 | 424 | 6.4 | 401 |
| INDONESIA | 45.5 | 85,387 | 43.4 | 83,232 | 41.7 | 79,536 | 39.9 | 75,866 | 36.7 | 72,146 |

Table 13.84 Proportion of Developmental Monitoring According to Age Range in Children Aged 1-59 Months by Province, 2023 SKI (2)

| Province | Developmental Monitoring | | | | | | | |
|--------------------|--------------------------|---------------|-------------|---------------|-------------|---------------|-------------|---------------|
| | 18-24 months | Weighted N | 2-3 y.o | Weighted N | 3-4 y.o | Weighted N | 4-5 y.o | Weighted N |
| Aceh | 23.1 | 1,479 | 20.8 | 1,293 | 14.7 | 897 | 10.8 | 452 |
| North Sumatra | 18.8 | 4,082 | 13.8 | 3,518 | 9.2 | 2,483 | 6.0 | 1,265 |
| West Sumatra | 27.9 | 1,433 | 25.1 | 1,238 | 17.8 | 878 | 10.9 | 459 |
| Riau | 14.4 | 1,717 | 12.1 | 1,474 | 8.3 | 1,027 | 3.9 | 523 |
| Jambi | 37.8 | 943 | 26.0 | 845 | 17.9 | 595 | 13.6 | 331 |
| South Sumatra | 21.9 | 2,167 | 16.5 | 1,878 | 9.8 | 1,318 | 6.7 | 681 |
| Bengkulu | 29.6 | 521 | 22.6 | 464 | 15.8 | 332 | 11.3 | 157 |
| Lampung | 38.7 | 2,278 | 31.2 | 1,990 | 22.2 | 1,369 | 16.7 | 681 |
| Bangka Belitung | 36.2 | 385 | 30.1 | 337 | 23.1 | 232 | 13.6 | 111 |
| Riau Islands | 39.9 | 548 | 31.7 | 489 | 22.3 | 314 | 11.2 | 166 |
| DKI Jakarta | 46.4 | 2,108 | 43.0 | 1,813 | 31.9 | 1,235 | 32.0 | 667 |
| West Java | 32.3 | 11,233 | 29.2 | 9,861 | 21.8 | 6,724 | 14.1 | 3,310 |
| Central Java | 45.1 | 7,873 | 41.5 | 6,817 | 31.6 | 4,651 | 22.3 | 2,281 |
| DI Yogyakarta | 44.8 | 718 | 45.8 | 621 | 37.0 | 424 | 24.1 | 215 |
| East Java | 49.7 | 8,274 | 45.0 | 7,245 | 38.1 | 4,921 | 28.0 | 2,446 |
| Banten | 30.8 | 2,883 | 27.3 | 2,519 | 22.3 | 1,793 | 14.6 | 936 |
| Bali | 47.3 | 875 | 43.9 | 755 | 30.2 | 492 | 22.1 | 222 |
| West Nusa Tenggara | 33.2 | 1,438 | 32.8 | 1,237 | 26.2 | 831 | 13.5 | 422 |
| East Nusa Tenggara | 35.2 | 1,586 | 31.1 | 1,383 | 23.8 | 899 | 16.2 | 446 |
| West Kalimantan | 32.8 | 1,488 | 27.5 | 1,326 | 20.0 | 900 | 14.6 | 480 |
| Central Kalimantan | 31.7 | 695 | 28.7 | 578 | 22.7 | 402 | 16.0 | 195 |
| South Kalimantan | 41.6 | 1,027 | 38.1 | 902 | 25.5 | 601 | 18.3 | 295 |
| East Kalimantan | 31.7 | 936 | 26.1 | 822 | 16.6 | 531 | 10.9 | 273 |
| North Kalimantan | 25.3 | 185 | 21.0 | 156 | 15.2 | 104 | 10.5 | 48* |
| North Sulawesi | 31.6 | 551 | 25.7 | 477 | 16.2 | 323 | 10.6 | 158 |
| Central Sulawesi | 27.6 | 736 | 23.9 | 638 | 16.4 | 436 | 9.8 | 201 |
| South Sulawesi | 30.7 | 2,190 | 23.6 | 1,881 | 16.2 | 1,306 | 11.0 | 635 |
| Southeast Sulawesi | 20.2 | 736 | 16.9 | 651 | 9.1 | 443 | 4.6 | 217 |
| Gorontalo | 40.3 | 291 | 34.5 | 247 | 21.4 | 174 | 12.2 | 78 |
| West Sulawesi | 26.4 | 386 | 23.9 | 328 | 17.5 | 220 | 13.3 | 118 |
| Maluku | 18.9 | 495 | 15.6 | 434 | 9.9 | 293 | 6.9 | 145 |
| North Maluku | 19.8 | 360 | 16.4 | 315 | 13.3 | 213 | 6.7 | 110 |
| West Papua | 14.8 | 149 | 10.9 | 124 | 7.7 | 85 | 5.4 | 39* |
| Southwest Papua | 13.6 | 161 | 8.2 | 138 | 2.9 | 82 | 1.8 | 41* |
| Papua | 22.8 | 316 | 16.5 | 276 | 12.7 | 178 | 12.1 | 90 |
| South Papua | 11.9 | 218 | 8.1 | 196 | 5.0 | 131 | 2.2 | 71 |
| Central Papua | 7.2 | 373 | 5.9 | 332 | 3.4 | 245 | 2.2 | 140 |
| Highland Papua | 6.1 | 375 | 5.6 | 341 | 5.5 | 234 | 6.8 | 141 |
| INDONESIA | 34.5 | 64,207 | 30.4 | 55,942 | 22.8 | 38,317 | 15.9 | 19,247 |

* Weighted N <50

Table 13.85 Proportion of Developmental Monitoring According to Age Range in Children Aged 1-59 Months by Characteristic, 2023 SKI (1)

| Characteristic | Developmental Monitoring | | | | | | | | | |
|--|--------------------------|------------|--------------|------------|--------------|------------|---------------|------------|----------------|------------|
| | 29 days – 3 months | Weighted N | 3 – 6 months | Weighted N | 6 – 9 months | Weighted N | 9 – 12 months | Weighted N | 12 – 18 months | Weighted N |
| Age Range | | | | | | | | | | |
| 1-5 months | 56.2 | 5,779 | 39.5 | 3,682 | N/A | N/A | N/A | N/A | N/A | N/A |
| 6-11 months | 55.0 | 7,367 | 53.3 | 7,361 | 43.4 | 7,360 | 35.2 | 3,722 | N/A | N/A |
| 12-23 months | 50.4 | 16,232 | 49.0 | 16,220 | 47.6 | 16,218 | 46.1 | 16,210 | 36.9 | 16,211 |
| 24-35 months | 45.1 | 17,575 | 43.7 | 17,562 | 42.7 | 17,559 | 41.4 | 17,551 | 39.7 | 17,552 |
| 36-47 months | 42.4 | 19,033 | 41.4 | 19,019 | 40.4 | 19,016 | 39.0 | 19,007 | 36.9 | 19,008 |
| 48-59 months | 38.2 | 19,401 | 37.3 | 19,387 | 36.6 | 19,383 | 35.1 | 19,375 | 33.4 | 19,375 |
| Sex | | | | | | | | | | |
| Male | 45.4 | 43,580 | 43.3 | 42,469 | 41.6 | 40,639 | 39.9 | 38,778 | 36.5 | 36,924 |
| Female | 45.7 | 41,807 | 43.5 | 40,763 | 41.8 | 38,897 | 39.9 | 37,088 | 36.8 | 35,222 |
| HoH Education | | | | | | | | | | |
| Never attended school | 33.7 | 1,766 | 31.6 | 1,736 | 29.3 | 1,644 | 28.5 | 1,565 | 24.8 | 1,482 |
| Some primary school/Islamic primary school | 39.9 | 2,968 | 38.5 | 2,871 | 37.0 | 2,753 | 33.9 | 2,636 | 32.9 | 2,507 |
| Primary school/Islamic primary school graduate | 45.9 | 14,561 | 43.5 | 14,151 | 42.3 | 13,501 | 40.7 | 12,858 | 36.7 | 12,242 |
| Junior secondary school/Islamic junior secondary school graduate | 46.4 | 16,872 | 43.9 | 16,470 | 42.3 | 15,762 | 40.7 | 15,025 | 37.9 | 14,332 |
| Senior secondary school/Islamic senior secondary school graduate | 46.2 | 35,627 | 44.2 | 34,732 | 42.4 | 33,127 | 40.5 | 31,660 | 37.2 | 30,089 |
| D1/D2/D3/university graduate | 45.0 | 13,592 | 43.2 | 13,272 | 41.3 | 12,749 | 39.3 | 12,122 | 36.0 | 11,494 |
| HoH Occupation | | | | | | | | | | |
| Unemployed | 40.0 | 2,192 | 38.0 | 2,146 | 37.4 | 2,059 | 36.7 | 1,972 | 32.3 | 1,876 |
| Student | 44.6 | 194 | 40.8 | 189 | 38.2 | 187 | 38.3 | 175 | 35.3 | 168 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 43.6 | 4,907 | 42.2 | 4,778 | 40.5 | 4,608 | 39.0 | 4,368 | 36.0 | 4,124 |
| Private employee | 48.2 | 19,147 | 46.1 | 18,701 | 44.4 | 17,924 | 42.4 | 17,148 | 39.3 | 16,348 |
| Self-employed | 45.9 | 24,820 | 43.9 | 24,158 | 41.7 | 23,049 | 39.4 | 21,949 | 36.4 | 20,771 |
| Farmer/farm worker | 43.8 | 16,437 | 41.6 | 16,014 | 40.2 | 15,262 | 38.7 | 14,545 | 35.3 | 13,889 |
| Fisher | 38.5 | 1,750 | 36.3 | 1,702 | 34.5 | 1,623 | 32.2 | 1,552 | 26.7 | 1,479 |
| Labor/driver/domestic help | 45.9 | 12,094 | 43.2 | 11,810 | 42.0 | 11,246 | 40.9 | 10,737 | 37.4 | 10,234 |
| Other | 45.6 | 3,846 | 43.0 | 3,733 | 41.4 | 3,577 | 39.2 | 3,420 | 36.5 | 3,256 |
| Residence | | | | | | | | | | |
| Urban | 45.8 | 48,956 | 43.8 | 47,766 | 42.0 | 45,669 | 40.0 | 43,603 | 36.8 | 41,458 |
| Rural | 45.1 | 36,431 | 42.9 | 35,466 | 41.4 | 33,867 | 39.8 | 32,263 | 36.5 | 30,688 |
| Economic Status | | | | | | | | | | |
| Lowest | 39.1 | 10,667 | 37.3 | 10,418 | 35.8 | 9,986 | 34.5 | 9,563 | 31.4 | 9,154 |
| Lower middle | 45.2 | 14,445 | 42.6 | 14,103 | 41.2 | 13,455 | 39.4 | 12,842 | 35.8 | 12,242 |
| Middle | 47.9 | 17,651 | 45.6 | 17,225 | 44.1 | 16,394 | 42.2 | 15,612 | 39.5 | 14,775 |
| Upper middle | 46.8 | 20,539 | 44.6 | 19,955 | 42.6 | 19,067 | 40.9 | 18,175 | 37.4 | 17,279 |
| Highest | 45.8 | 22,083 | 43.9 | 21,528 | 42.2 | 20,632 | 40.1 | 19,671 | 36.9 | 18,695 |

Table 13.86 Proportion of Developmental Monitoring According to Age Range in Children Aged 1-59 Months by Characteristic, 2023 SKI (2)

| Characteristic | Developmental Monitoring | | | | | | | |
|--|--------------------------|------------|---------|------------|---------|------------|---------|------------|
| | 18-24 months | Weighted N | 2-3 y.o | Weighted N | 3-4 y.o | Weighted N | 4-5 y.o | Weighted N |
| Age Range | | | | | | | | |
| 1-5 months | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 6-11 months | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 12-23 months | 28.8 | 8,288 | N/A | N/A | N/A | N/A | N/A | N/A |
| 24-35 months | 37.6 | 17,547 | 27.2 | 17,554 | N/A | N/A | N/A | N/A |
| 36-47 months | 36.3 | 19,002 | 33.7 | 19,010 | 18.4 | 18,975 | N/A | N/A |
| 48-59 months | 32.4 | 19,370 | 30.0 | 19,378 | 27.2 | 19,342 | 15.9 | 19,247 |
| Sex | | | | | | | | |
| Male | 34.4 | 32,906 | 30.0 | 28,511 | 22.6 | 19,584 | 16.2 | 9,820 |
| Female | 34.7 | 31,301 | 30.7 | 27,431 | 23.1 | 18,733 | 15.7 | 9,427 |
| HoH Education | | | | | | | | |
| Never attended school | 24.2 | 1,339 | 20.2 | 1,152 | 16.6 | 813 | 11.3 | 453 |
| Some primary school/Islamic primary school | 30.3 | 2,230 | 26.2 | 1,961 | 21.7 | 1,348 | 14.7 | 686 |
| Primary school/Islamic primary school graduate | 34.8 | 10,849 | 31.1 | 9,454 | 22.9 | 6,493 | 15.7 | 3,263 |
| Junior secondary school/Islamic junior secondary school graduate | 35.4 | 12,767 | 31.2 | 11,098 | 24.1 | 7,691 | 16.6 | 3,883 |
| Senior secondary school/Islamic senior secondary school graduate | 35.3 | 26,750 | 31.0 | 23,326 | 23.1 | 15,800 | 16.8 | 7,909 |
| D1/D2/D3/university graduate | 33.5 | 10,273 | 29.3 | 8,951 | 21.6 | 6,172 | 14.0 | 3,053 |
| HoH Occupation | | | | | | | | |
| Unemployed | 29.6 | 1,680 | 25.9 | 1,458 | 19.4 | 963 | 13.6 | 475 |
| Student | 31.1 | 146 | 19.2 | 117 | 16.4 | 78 | 4.4 | 40* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 33.1 | 3,677 | 29.9 | 3,182 | 21.8 | 2,171 | 14.5 | 1,113 |
| Private employee | 36.8 | 14,495 | 32.7 | 12,733 | 25.1 | 8,681 | 17.6 | 4,314 |
| Self-employed | 34.3 | 18,568 | 29.7 | 16,181 | 22.6 | 11,125 | 16.6 | 5,602 |
| Farmer/farm worker | 33.3 | 12,314 | 28.9 | 10,766 | 20.9 | 7,459 | 14.8 | 3,774 |
| Fisher | 24.7 | 1,285 | 21.4 | 1,099 | 14.1 | 744 | 9.3 | 366 |
| Labor/driver/domestic help | 35.6 | 9,101 | 32.3 | 7,828 | 24.8 | 5,377 | 15.4 | 2,674 |
| Other | 35.3 | 2,943 | 30.6 | 2,579 | 22.5 | 1,719 | 16.8 | 890 |
| Residence | | | | | | | | |
| Urban | 34.5 | 36,900 | 30.6 | 32,129 | 22.7 | 21,991 | 15.8 | 10,987 |
| Rural | 34.5 | 27,307 | 30.1 | 23,813 | 23.0 | 16,326 | 16.2 | 8,260 |
| Economic Status | | | | | | | | |
| Lowest | 30.2 | 8,185 | 27.1 | 7,162 | 19.8 | 4,986 | 14.5 | 2,472 |
| Lower middle | 33.7 | 10,916 | 29.7 | 9,519 | 22.4 | 6,440 | 16.0 | 3,335 |
| Middle | 37.4 | 13,196 | 32.3 | 11,374 | 24.6 | 7,834 | 16.1 | 3,870 |
| Upper middle | 34.9 | 15,242 | 31.0 | 13,335 | 23.1 | 9,185 | 16.7 | 4,626 |
| Highest | 34.6 | 16,667 | 30.4 | 14,551 | 23.0 | 9,871 | 15.8 | 4,944 |

* Weighted N <50

Table 13.87 Proportion of Developmental Monitoring According to Standard in the Last 12 Months in Children Aged 1-59 Months by Province, 2023 SKI

| Province | Developmental Monitoring According to Standard in 1-59 Months | | | Weighted N |
|--------------------|---|--------------------|-------------|---------------|
| | Yes | CI 95% | No | |
| Aceh | 29.9 | 27.7 - 32.2 | 70.1 | 1,916 |
| North Sumatra | 29.5 | 27.4 - 31.6 | 70.5 | 5,382 |
| West Sumatra | 38.5 | 36.1 - 40.9 | 61.5 | 1,892 |
| Riau | 23.9 | 21.6 - 26.4 | 76.1 | 2,262 |
| Jambi | 51.3 | 48.0 - 54.7 | 48.7 | 1,219 |
| South Sumatra | 32.2 | 29.7 - 34.8 | 67.8 | 2,834 |
| Bengkulu | 42.3 | 38.5 - 46.1 | 57.7 | 690 |
| Lampung | 50.0 | 46.9 - 53.2 | 50.0 | 2,994 |
| Bangka Belitung | 49.8 | 45.8 - 53.9 | 50.2 | 486 |
| Riau Islands | 48.3 | 43.2 - 53.5 | 51.7 | 732 |
| DKI Jakarta | 61.4 | 56.3 - 66.2 | 38.6 | 2,850 |
| West Java | 40.2 | 38.1 - 42.2 | 59.8 | 15,114 |
| Central Java | 51.4 | 49.4 - 53.4 | 48.6 | 10,587 |
| DI Yogyakarta | 50.0 | 44.4 - 55.6 | 50.0 | 924 |
| East Java | 54.6 | 52.5 - 56.6 | 45.4 | 10,917 |
| Banten | 41.5 | 37.8 - 45.2 | 58.5 | 3,783 |
| Bali | 52.6 | 48.5 - 56.6 | 47.4 | 1,193 |
| West Nusa Tenggara | 39.9 | 35.4 - 44.7 | 60.1 | 1,930 |
| East Nusa Tenggara | 42.0 | 39.6 - 44.5 | 58.0 | 2,168 |
| West Kalimantan | 43.2 | 40.2 - 46.4 | 56.8 | 1,883 |
| Central Kalimantan | 40.9 | 37.3 - 44.6 | 59.1 | 915 |
| South Kalimantan | 52.8 | 49.6 - 56.0 | 47.2 | 1,374 |
| East Kalimantan | 42.9 | 39.1 - 46.9 | 57.1 | 1,231 |
| North Kalimantan | 38.0 | 33.2 - 43.1 | 62.0 | 242 |
| North Sulawesi | 43.6 | 40.0 - 47.3 | 56.4 | 753 |
| Central Sulawesi | 40.0 | 37.0 - 43.1 | 60.0 | 1,031 |
| South Sulawesi | 41.9 | 39.7 - 44.2 | 58.1 | 2,955 |
| Southeast Sulawesi | 30.3 | 27.9 - 32.7 | 69.7 | 1,004 |
| Gorontalo | 50.7 | 46.1 - 55.4 | 49.3 | 395 |
| West Sulawesi | 35.8 | 31.0 - 41.0 | 64.2 | 530 |
| Maluku | 27.0 | 23.9 - 30.2 | 73.0 | 673 |
| North Maluku | 32.4 | 29.2 - 35.9 | 67.6 | 471 |
| West Papua | 21.4 | 17.6 - 25.7 | 78.6 | 211 |
| Southwest Papua | 21.3 | 18.0 - 25.1 | 78.7 | 227 |
| Papua | 32.8 | 27.8 - 38.3 | 67.2 | 430 |
| South Papua | 19.6 | 15.6 - 24.3 | 80.4 | 284 |
| Central Papua | 11.0 | 8.0 - 15.1 | 89.0 | 461 |
| Highland Papua | 11.3 | 7.5 - 16.6 | 88.7 | 443 |
| INDONESIA | 43.2 | 42.5 - 43.8 | 56.8 | 85,387 |

Table 13.88 Proportion of Developmental Monitoring According to Standard in the Last 12 Months in Children Aged 1-59 Months by Characteristic, 2023 SKI

| Characteristic | Developmental Monitoring According to Standard in 1-59 Months | | | Weighted N |
|--|---|-------------|------|------------|
| | Yes | CI 95% | No | |
| Age Range | | | | |
| 1-5 months | 24.6 | 22.9 - 26.4 | 75.4 | 5,779 |
| 6-11 months | 53.2 | 51.4 - 55.0 | 46.8 | 7,367 |
| 12-23 months | 49.8 | 48.5 - 51.1 | 50.2 | 16,232 |
| 24-35 months | 44.8 | 43.6 - 46.1 | 55.2 | 17,575 |
| 36-47 months | 42.7 | 41.6 - 43.9 | 57.3 | 19,033 |
| 48-59 months | 38.2 | 37.0 - 39.4 | 61.8 | 19,401 |
| Sex | | | | |
| Male | 43.0 | 42.1 - 43.8 | 57.0 | 43,580 |
| Female | 43.4 | 42.5 - 44.2 | 56.6 | 41,807 |
| HoH Education | | | | |
| Never attended school | 31.6 | 28.5 - 34.9 | 68.4 | 1,766 |
| Some primary school/Islamic primary school | 37.9 | 35.2 - 40.7 | 62.1 | 2,968 |
| Primary school/Islamic primary school graduate | 42.9 | 41.4 - 44.4 | 57.1 | 14,561 |
| Junior secondary school/Islamic junior secondary school graduate | 44.0 | 42.7 - 45.3 | 56.0 | 16,872 |
| Senior secondary school/Islamic senior secondary school graduate | 44.0 | 43.0 - 44.9 | 56.0 | 35,627 |
| D1/D2/D3/university graduate | 43.0 | 41.5 - 44.4 | 57.0 | 13,592 |
| HoH Occupation | | | | |
| Unemployed | 38.3 | 34.7 - 42.0 | 61.7 | 2,192 |
| Student | 40.1 | 29.8 - 51.4 | 59.9 | 194 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 42.1 | 40.0 - 44.3 | 57.9 | 4,907 |
| Private employee | 46.1 | 44.7 - 47.5 | 53.9 | 19,147 |
| Self-employed | 43.3 | 42.2 - 44.4 | 56.7 | 24,820 |
| Farmer/farm worker | 41.3 | 40.2 - 42.5 | 58.7 | 16,437 |
| Fisher | 36.2 | 32.8 - 39.7 | 63.8 | 1,750 |
| Labor/driver/domestic help | 43.2 | 41.5 - 45.0 | 56.8 | 12,094 |
| Other | 42.8 | 40.3 - 45.3 | 57.2 | 3,846 |
| Residence | | | | |
| Urban | 43.6 | 42.8 - 44.5 | 56.4 | 48,956 |
| Rural | 42.5 | 41.5 - 43.5 | 57.5 | 36,431 |
| Economic Status | | | | |
| Lowest | 37.2 | 35.8 - 38.6 | 62.8 | 10,667 |
| Lower middle | 42.4 | 41.1 - 43.8 | 57.6 | 14,445 |
| Middle | 45.5 | 44.2 - 46.8 | 54.5 | 17,651 |
| Upper middle | 44.1 | 42.9 - 45.4 | 55.9 | 20,539 |
| Highest | 43.7 | 42.5 - 45.0 | 56.3 | 22,083 |

Table 13.89 Proportion of Growth and Development Monitoring According to Minimum Service Standards in Children Aged 1-59 Months by Province, 2023 SKI

| Province | Monitoring of Growth and Development According to Standards | | | |
|--------------------|---|--------------------|-------------|---------------|
| | Yes | CI 95% | No | Weighted N |
| Aceh | 16.5 | 14.8 - 18.4 | 83.5 | 1,916 |
| North Sumatra | 10.1 | 9.0 - 11.4 | 89.9 | 5,402 |
| West Sumatra | 17.2 | 15.5 - 19.2 | 82.8 | 1,894 |
| Riau | 7.0 | 5.8 - 8.6 | 93.0 | 2,263 |
| Jambi | 17.2 | 14.8 - 19.9 | 82.8 | 1,219 |
| South Sumatra | 11.1 | 9.6 - 12.9 | 88.9 | 2,836 |
| Bengkulu | 13.5 | 11.4 - 16.0 | 86.5 | 693 |
| Lampung | 21.1 | 18.7 - 23.7 | 78.9 | 2,995 |
| Bangka Belitung | 21.3 | 18.4 - 24.5 | 78.7 | 486 |
| Riau Islands | 17.9 | 14.7 - 21.7 | 82.1 | 732 |
| DKI Jakarta | 32.0 | 27.7 - 36.7 | 68.0 | 2,851 |
| West Java | 26.2 | 24.5 - 28.0 | 73.8 | 15,119 |
| Central Java | 35.9 | 34.1 - 37.8 | 64.1 | 10,602 |
| DI Yogyakarta | 35.3 | 30.6 - 40.2 | 64.7 | 925 |
| East Java | 37.1 | 35.2 - 39.1 | 62.9 | 10,920 |
| Banten | 15.7 | 13.4 - 18.4 | 84.3 | 3,784 |
| Bali | 37.8 | 34.2 - 41.6 | 62.2 | 1,193 |
| West Nusa Tenggara | 27.7 | 24.1 - 31.7 | 72.3 | 1,931 |
| East Nusa Tenggara | 28.0 | 26.0 - 30.1 | 72.0 | 2,169 |
| West Kalimantan | 19.5 | 17.3 - 22.0 | 80.5 | 1,883 |
| Central Kalimantan | 16.2 | 13.6 - 19.3 | 83.8 | 916 |
| South Kalimantan | 24.8 | 22.3 - 27.4 | 75.2 | 1,376 |
| East Kalimantan | 20.5 | 17.6 - 23.7 | 79.5 | 1,231 |
| North Kalimantan | 12.8 | 10.2 - 16.0 | 87.2 | 242 |
| North Sulawesi | 14.5 | 12.4 - 17.0 | 85.5 | 755 |
| Central Sulawesi | 14.9 | 13.0 - 17.0 | 85.1 | 1,031 |
| South Sulawesi | 17.3 | 15.8 - 19.0 | 82.7 | 2,960 |
| Southeast Sulawesi | 10.2 | 8.9 - 11.7 | 89.8 | 1,004 |
| Gorontalo | 18.9 | 16.1 - 21.9 | 81.1 | 397 |
| West Sulawesi | 18.4 | 15.2 - 22.2 | 81.6 | 545 |
| Maluku | 12.0 | 9.9 - 14.6 | 88.0 | 674 |
| North Maluku | 13.7 | 11.6 - 16.1 | 86.3 | 471 |
| West Papua | 7.3 | 5.3 - 9.9 | 92.7 | 211 |
| Southwest Papua | 7.4 | 5.5 - 10.0 | 92.6 | 228 |
| Papua | 11.5 | 8.8 - 14.9 | 88.5 | 430 |
| South Papua | 9.4 | 6.7 - 13.0 | 90.6 | 284 |
| Central Papua | 3.2 | 1.9 - 5.3 | 96.8 | 461 |
| Highland Papua | 1.3 | 0.9 - 2.0 | 98.7 | 444 |
| INDONESIA | 24.0 | 23.5 - 24.6 | 76.0 | 85,476 |

Table 13.90 Proportion of Monitoring Growth and Development According to Minimum Service Standards in Children Aged 1-59 Months by Characteristic, 2023 SKI

| Characteristic | Monitoring of Growth and Development According to Standards | | | |
|--|---|-------------|------|------------|
| | Yes | CI 95% | No | Weighted N |
| Age Range | | | | |
| 1-5 months | 0.8 | 0.5 - 1.2 | 99.2 | 5,781 |
| 6-11 months | 24.4 | 22.8 - 26.1 | 75.6 | 7,369 |
| 12-23 months | 32.4 | 31.2 - 33.7 | 67.6 | 16,237 |
| 24-35 months | 26.9 | 25.9 - 28.0 | 73.1 | 17,581 |
| 36-47 months | 24.1 | 23.1 - 25.2 | 75.9 | 19,070 |
| 48-59 months | 21.1 | 20.1 - 22.1 | 78.9 | 19,438 |
| Sex | | | | |
| Male | 23.9 | 23.1 - 24.6 | 76.1 | 43,626 |
| Female | 24.2 | 23.5 - 25.0 | 75.8 | 41,850 |
| HoH Education | | | | |
| Never attended school | 17.2 | 14.7 - 20.0 | 82.8 | 1,768 |
| Some primary school/Islamic primary school | 20.9 | 18.6 - 23.4 | 79.1 | 2,972 |
| Primary school/Islamic primary school graduate | 24.8 | 23.5 - 26.1 | 75.2 | 14,576 |
| Junior secondary school/Islamic junior secondary school graduate | 25.4 | 24.2 - 26.5 | 74.6 | 16,893 |
| Senior secondary school/Islamic senior secondary school graduate | 23.9 | 23.1 - 24.7 | 76.1 | 35,664 |
| D1/D2/D3/university graduate | 23.6 | 22.3 - 25.0 | 76.4 | 13,603 |
| HoH Occupation | | | | |
| Unemployed | 21.8 | 19.0 - 24.9 | 78.2 | 2,193 |
| Student | 22.8 | 14.2 - 34.4 | 77.2 | 194 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 22.8 | 20.9 - 24.8 | 77.2 | 4,909 |
| Private employee | 26.7 | 25.5 - 28.0 | 73.3 | 19,153 |
| Self-employed | 23.3 | 22.3 - 24.2 | 76.7 | 24,849 |
| Farmer/farm worker | 22.9 | 21.9 - 23.9 | 77.1 | 16,455 |
| Fisher | 17.3 | 14.8 - 20.2 | 82.7 | 1,755 |
| Labor/driver/domestic help | 25.5 | 24.1 - 27.1 | 74.5 | 12,108 |
| Other | 22.2 | 20.1 - 24.6 | 77.8 | 3,859 |
| Residence | | | | |
| Urban | 23.8 | 23.1 - 24.5 | 76.2 | 49,005 |
| Rural | 24.4 | 23.6 - 25.2 | 75.6 | 36,471 |
| Economic Status | | | | |
| Lowest | 21.7 | 20.5 - 22.9 | 78.3 | 10,684 |
| Lower middle | 23.7 | 22.5 - 24.9 | 76.3 | 14,463 |
| Middle | 25.9 | 24.8 - 27.1 | 74.1 | 17,669 |
| Upper middle | 24.1 | 23.0 - 25.2 | 75.9 | 20,554 |
| Highest | 23.9 | 22.8 - 25.1 | 76.1 | 22,100 |

Table 13.91 Proportion of Receiving Vitamin A in the Last 12 Months in Children Aged 6-59 Months by Province, 2023 SKI

| Province | Had Received Vitamin A | | | Weighted N |
|--------------------|------------------------|-------------|-------------|---------------|
| | Once | Twice | Never Had | |
| Aceh | 46.9 | 31.8 | 21.3 | 1,807 |
| North Sumatra | 44.2 | 29.6 | 26.2 | 5,061 |
| West Sumatra | 51.1 | 30.0 | 18.9 | 1,768 |
| Riau | 46.4 | 25.9 | 27.6 | 2,111 |
| Jambi | 44.3 | 44.7 | 11.0 | 1,145 |
| South Sumatra | 48.5 | 26.4 | 25.0 | 2,649 |
| Bengkulu | 51.7 | 33.1 | 15.2 | 648 |
| Lampung | 49.5 | 33.6 | 16.9 | 2,810 |
| Bangka Belitung | 52.7 | 28.3 | 18.9 | 463 |
| Riau Islands | 54.0 | 18.4 | 27.7 | 679 |
| DKI Jakarta | 60.2 | 24.8 | 14.9 | 2,684 |
| West Java | 52.9 | 34.3 | 12.8 | 14,112 |
| Central Java | 53.6 | 34.6 | 11.8 | 9,808 |
| DI Yogyakarta | 53.4 | 36.4 | 10.2 | 857 |
| East Java | 49.9 | 35.5 | 14.7 | 10,097 |
| Banten | 50.8 | 27.1 | 22.1 | 3,545 |
| Bali | 51.4 | 37.4 | 11.2 | 1,106 |
| West Nusa Tenggara | 47.4 | 38.6 | 14.0 | 1,783 |
| East Nusa Tenggara | 47.9 | 38.4 | 13.8 | 1,993 |
| West Kalimantan | 48.0 | 30.9 | 21.1 | 1,771 |
| Central Kalimantan | 48.8 | 33.3 | 18.0 | 857 |
| South Kalimantan | 50.1 | 34.7 | 15.2 | 1,280 |
| East Kalimantan | 45.7 | 33.0 | 21.3 | 1,158 |
| North Kalimantan | 56.7 | 30.6 | 12.7 | ,224 |
| North Sulawesi | 47.9 | 28.2 | 24.0 | 702 |
| Central Sulawesi | 47.7 | 25.9 | 26.4 | 946 |
| South Sulawesi | 46.1 | 29.9 | 24.0 | 2,733 |
| Southeast Sulawesi | 46.1 | 23.5 | 30.4 | 933 |
| Gorontalo | 47.0 | 30.7 | 22.3 | 370 |
| West Sulawesi | 43.9 | 28.6 | 27.5 | 502 |
| Maluku | 42.1 | 27.4 | 30.6 | 624 |
| North Maluku | 39.6 | 28.9 | 31.5 | 441 |
| West Papua | 42.9 | 21.9 | 35.2 | 199 |
| Southwest Papua | 46.3 | 20.5 | 33.2 | 209 |
| Papua | 41.7 | 32.9 | 25.4 | 402 |
| South Papua | 49.6 | 28.2 | 22.3 | 270 |
| Central Papua | 29.2 | 16.3 | 54.5 | 447 |
| Highland Papua | 25.3 | 19.9 | 54.8 | 430 |
| INDONESIA | 49.9 | 32.2 | 18.0 | 79,625 |

Table 13.92 Proportion of Receiving Vitamin A in the Last 12 Months in Children Aged 6-59 Months by Characteristic, 2023 SKI

| Characteristic | Had Received Vitamin A | | | Weighted N |
|--|------------------------|-------|-----------|------------|
| | Once | Twice | Never Had | |
| Age Range | | | | |
| 6-11 months | 60.7 | N/A | 39.3 | 7,362 |
| 12-23 months | 55.5 | 29.3 | 15.3 | 16,223 |
| 24-35 months | 49.0 | 36.3 | 14.7 | 17,565 |
| 36-47 months | 46.4 | 37.4 | 16.1 | 19,054 |
| 48-59 months | 45.2 | 37.9 | 16.9 | 19,421 |
| Sex | | | | |
| Male | 49.9 | 31.9 | 18.2 | 40,685 |
| Female | 49.8 | 32.4 | 17.8 | 38,940 |
| HoH Education | | | | |
| Never attended school | 37.7 | 30.0 | 32.3 | 1,646 |
| Some primary school/Islamic primary school | 47.6 | 30.1 | 22.3 | 2,757 |
| Primary school/Islamic primary school graduate | 49.1 | 32.4 | 18.6 | 13,516 |
| Junior secondary school/Islamic junior secondary school graduate | 50.1 | 32.3 | 17.5 | 15,783 |
| Senior secondary school/Islamic senior secondary school graduate | 50.4 | 32.3 | 17.3 | 33,163 |
| D1/D2/D3/university graduate | 51.1 | 32.2 | 16.8 | 12,760 |
| HoH Occupation | | | | |
| Unemployed | 46.7 | 31.8 | 21.5 | 2,060 |
| Student | 46.7 | 33.4 | 19.9 | 187 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 48.7 | 36.2 | 15.1 | 4,611 |
| Private employee | 52.1 | 32.3 | 15.5 | 17,931 |
| Self-employed | 49.1 | 32.0 | 18.9 | 23,078 |
| Farmer/farm worker | 48.1 | 32.1 | 19.9 | 15,281 |
| Fisher | 47.9 | 26.0 | 26.1 | 1,628 |
| Labor/driver/domestic help | 50.7 | 32.4 | 16.9 | 11,260 |
| Other | 52.5 | 29.9 | 17.6 | 3,590 |
| Residence | | | | |
| Urban | 50.8 | 31.3 | 17.9 | 45,719 |
| Rural | 48.6 | 33.3 | 18.1 | 33,906 |
| Economic Status | | | | |
| Lowest | 45.1 | 32.0 | 22.9 | 10,004 |
| Lower middle | 49.5 | 32.3 | 18.2 | 13,474 |
| Middle | 51.0 | 31.8 | 17.2 | 16,413 |
| Upper middle | 50.1 | 32.1 | 17.8 | 19,082 |
| Highest | 51.3 | 32.5 | 16.2 | 20,650 |

13.8. TOTAL RETINOL LEVEL EXAMINATION

In the selected sample for the Biomedical Census Block, blood samples were examined, including serum retinol levels, to determine the Vitamin A levels in children aged 0-59 months. The results represent only the national level.

Proportion of Retinol Levels in Children Aged 0-59 Months

Normal examination result: serum retinol concentration of 20 – 40 µg/dL

$$\text{Proportion of "Normal" results} = \frac{\text{Number of biomedical subjects with serum retinol concentration } 20\text{--}40 \mu\text{g/dL}}{\text{Total number of biomedical subjects examined for serum retinol}}$$

"Mild deficiency" examination result: serum retinol concentration of 10-<20 µg/dL

$$\text{Proportion of "Mild Deficiency" results} = \frac{\text{Number of biomedical subjects with serum retinol concentration } 10\text{--}<20 \mu\text{g/dL}}{\text{Total number of biomedical subjects examined for serum retinol}}$$

"Severe deficiency" examination result: serum retinol concentration < 10 µg/dL

$$\text{Proportion of "Severe Deficiency" results} = \frac{\text{Number of biomedical subjects with serum retinol concentration } < 10 \mu\text{g/dL}}{\text{Total number of biomedical subjects examined for serum retinol}}$$

"Above normal" examination result: serum retinol concentration > 40 µg/dL

$$\text{Proportion of "Above Normal" results} = \frac{\text{Number of biomedical subjects with serum retinol concentration } > 40 \mu\text{g/dL}}{\text{Total number of biomedical subjects examined for serum retinol}}$$

Table 13.93 Proportion of Serum Retinol Levels in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Serum Retinol Concentration | | | | | | Weighted N |
|---------------------------|-----------------------------|------------------|-----------------|-----------------|--------------|----------------|------------|
| | Normal | | Mild Deficiency | | Above normal | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (months) | | | | | | | |
| 0 – 5 | 56.9 | 29.4-80.7 | 43.1 | 19.3-70.6 | 0.0 | 0.0-0.0 | 19* |
| 6 – 11 | 81.0 | 64.7-90.9 | 15.3 | 6.2-33.1 | 3.7 | 2.6-5.2 | 41* |
| 12 – 23 | 79.0 | 67.4-87.3 | 15.3 | 8.2-26.6 | 5.7 | 2.4-13.1 | 116 |
| 24 – 35 | 86.6 | 78.8-91.9 | 5.2 | 2.5-10.4 | 8.1 | 4.1-15.7 | 140 |
| 36 – 47 | 87.5 | 82.1-91.4 | 6.1 | 3.5-10.4 | 6.4 | 3.7-10.7 | 167 |
| 48 – 59 | 86.0 | 80.0-90.4 | 8.5 | 5.1-13.9 | 5.5 | 3.2-9.5 | 193 |
| Sex | | | | | | | |
| Male | 82.7 | 77.7-86.8 | 12.1 | 8.8-16.5 | 5.2 | 3.2-8.1 | 329 |
| Female | 85.5 | 80.3-89.6 | 7.6 | 4.9-11.6 | 6.9 | 4.4-10.5 | 346 |
| Residence | | | | | | | |
| Urban | 83.5 | 78.5-87.5 | 10.7 | 7.7-14.7 | 5.9 | 3.8-8.9 | 420 |
| Rural | 85.4 | 80.1-89.4 | 8.3 | 5.4-12.7 | 6.3 | 3.8-10.2 | 255 |
| Economic Status | | | | | | | |
| Lowest | 89.5 | 82.2-94.0 | 9.1 | 4.9-16.3 | 1.4 | 0.5-4.1 | 84 |
| Lower middle | 85.9 | 77.8-91.4 | 9.2 | 5.1-16.0 | 4.9 | 1.9-12 | 95 |
| Middle | 86.6 | 78.3-92.0 | 9.8 | 5.1-18.1 | 3.6 | 1.8-7.2 | 142 |
| Upper middle | 83.2 | 76.2-88.5 | 9.6 | 6.0-15.2 | 7.1 | 4.1-12.1 | 200 |
| Highest | 79.2 | 70.2-86.0 | 10.7 | 6.2-18.0 | 10.0 | 5.8-16.8 | 154 |
| INDONESIA | 84.2 | 80.6-87.2 | 9.8 | 7.5-12.7 | 6.0 | 4.4-8.3 | 675 |

*Weighted N <50

Table 13.94 Proportion of Serum Retinol Levels in Children Aged 12-59 Months by Characteristic, 2023 SKI

| Characteristic | Serum Retinol Concentration | | | | | | Weighted N |
|------------------------|-----------------------------|------------------|-----------------|-----------------|--------------|----------------|------------|
| | Normal | | Mild Deficiency | | Above normal | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Sex | | | | | | | |
| Male | 84.4 | 79.5-88.3 | 9.9 | 6.9-14 | 5.7 | 3.7-8.6 | 301 |
| Female | 86.0 | 80.5-90.2 | 6.9 | 4.3-10.9 | 7.1 | 4.4-11 | 316 |
| Residence | | | | | | | |
| Urban | 84.0 | 78.8-88.2 | 9.9 | 7-13.9 | 6.0 | 3.8-9.4 | 384 |
| Rural | 87.2 | 83.1-90.5 | 5.8 | 4-8.5 | 6.9 | 4.5-10.6 | 233 |
| Economic Status | | | | | | | |
| Lowest | 93.4 | 90.0-95.7 | 5.0 | 3.3-7.7 | 1.6 | 0.5-4.5 | 76 |
| Lower middle | 85.2 | 76.8-91.0 | 9.6 | 5.4-16.7 | 5.1 | 2.0-12.5 | 91 |
| Middle | 88.0 | 80.1-93.1 | 7.9 | 3.7-15.9 | 4.1 | 2.0-8.0 | 127 |
| Upper middle | 83.5 | 76.2-88.8 | 8.8 | 5.1-14.8 | 7.7 | 4.7-12.4 | 186 |
| Highest | 80.5 | 70.4-87.8 | 9.2 | 5.1-16.3 | 10.2 | 5.6-17.9 | 137 |
| INDONESIA | 85.2 | 81.7-88.2 | 8.4 | 6.3-11.0 | 6.4 | 4.6-8.7 | 617 |

CHAPTER 14

NUTRITIONAL STATUS

The purpose of the Nutritional Status chapter is to gather information on the Age of First Menstruation in Adolescent Girls, Iron-Folic Acid (IFA) Tablets for Adolescent Girls, Supplementary Feeding (PMT) for Pregnant Women, Iron-Folic Acid (IFA) Tablets for Pregnant Women, Nutritional Status (Upper Arm Circumference) in Women of Reproductive Age (10-54 years), the condition of the child at birth (Weight, Length, Head Circumference), Infant and Young Child Feeding (IYCF) practices, including Breastfeeding, Complementary Feeding, and Supplementary Feeding for young children, as well as the Nutritional Status of Infants, Children, Adolescents, and Adults.

14.1 IRON-FOLIC ACID (IFA) TABLETS FOR ADOLESCENT GIRLS

Iron-Folic Acid (IFA) Tablets are nutritional supplements in the form of tablets/caplets/capsules that can be obtained through government programs or independently. Program IFA is provided by the government and distributed to target groups through government health facilities. Independent IFA is obtained based on a prescription/instruction from healthcare workers, by personal initiative purchasing from private health facilities/pharmacies/drugstores, or received from family/others.

AGE OF FIRST MENSTRUATION IN ADOLESCENT GIRLS

Proportion of Adolescent Girls' Age at First Menstruation:

$$= \frac{\text{Number of adolescent girls experiencing first menstruation in a specific age group}}{\text{Total number of adolescent girls aged 10-19 years}}$$

ADOLESCENT GIRLS RECEIVING IFA

a. Proportion of adolescent girls aged 10-19 years who have received/purchased IFA:

$$= \frac{\text{Number of adolescent girls aged 10-19 years who have ever received IFA}}{\text{Total number of adolescent girls aged 10-19 years}}$$

b. Proportion of adolescent girls aged 10-19 years who received/purchased IFA in the last 12 months:

$$= \frac{\text{Number of adolescent girls aged 10-19 years who received IFA in the last 12 months}}{\text{Total number of adolescent girls aged 10-19 years who have ever received IFA}}$$

SOURCES OF IFA

There are three sources of IFA acquisition asked to adolescent girls aged 10-19 years:

1. Health facilities (health centers, hospitals), including healthcare workers (doctors, midwives, and nurses in private practice),
2. Schools,
3. Self-initiative or independently, if they purchase IFA on their own without a prescription from a doctor or healthcare worker, including IFA obtained from family/others.

Proportion of IFA sources in the last 12 months for adolescent girls:

$$= \frac{\sum \text{Number of adolescent girls aged 10-19 years who received IFA from health facilities or schools or self-initiative}}{\sum \text{Total number of adolescent girls aged 10-19 years who received IFA in the last 12 months}}$$

Table 14.1 Proportion of Age at First Menstruation According to Adolescent Girls Aged 10-19 Years by Province, 2023 SKI

| Province | Not Yet Menstruated | | Age at First Menstruation (% , 95%CI) | | | | | | Weighted N |
|--------------------|-------------------------|----------------------|---------------------------------------|-------------------------|-------------------------|----------------------|----------------------|----------------|---------------|
| | 95%CI) | 6-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19 | |
| Aceh | 35.5 (33.0-38.2) | 0 | 2.8 (1.9-4.0) | 25.6 (23.0-28.4) | 27.5 (25.0-30.1) | 8.0 (6.3-10.1) | 0.5 (0.1-2.4) | 0 | 1,327 |
| North Sumatra | 32.5 (30.3-34.8) | 0.0 (0.0-0.2) | 1.9 (1.4-2.6) | 29.6 (27.4-31.9) | 30.3 (28.1-32.5) | 5.5 (4.6-6.5) | 0.2 (0.1-0.4) | 0.0 (0.0-0.2) | 3,673 |
| West Sumatra | 29.5 (27.5-31.6) | 0 | 2.8 (2.2-3.7) | 35.0 (32.5-37.5) | 28.1 (25.9-30.4) | 4.2 (3.3-5.4) | 0.3 (0.1-0.9) | 0 | 1,344 |
| Riau | 29.8 (27.3-32.3) | 0 | 3.4 (2.5-4.6) | 31.4 (28.5-34.6) | 30.6 (27.9-33.6) | 4.4 (3.3-5.9) | 0.4 (0.1-1.0) | 0 | 1,588 |
| Jambi | 36.9 (33.5-40.3) | 0.5 (0.1-2.1) | 2.2 (1.3-3.6) | 23.0 (19.8-26.5) | 33.3 (29.9-37.0) | 4.0 (2.8-5.7) | 0.1 (0.0-0.7) | 0 | 836 |
| South Sumatra | 32.2 (30.1-34.4) | 0.0 (0.0-0.1) | 3.4 (2.5-4.6) | 27.3 (25.0-29.9) | 30.5 (28.0-33.2) | 6.4 (5.2-7.9) | 0.1 (0.0-0.5) | 0 | 1,993 |
| Bengkulu | 28.9 (25.0-33.1) | 0 | 3.3 (2.2-4.8) | 31.5 (26.9-36.4) | 27.1 (23.3-31.3) | 8.9 (3.5-20.9) | 0.4 (0.1-1.1) | 0 | 470 |
| Lampung | 28.6 (26.0-31.3) | 0 | 2.9 (2.1-4.1) | 32.3 (29.1-35.7) | 30.0 (26.8-33.3) | 5.6 (4.3-7.2) | 0.7 (0.2-1.8) | 0 | 2,061 |
| Bangka Belitung | 28.7 (25.6-32.1) | 0.1 (0.0-0.4) | 3.3 (2.4-4.5) | 35.6 (32.0-39.4) | 28.0 (24.6-31.6) | 4.3 (3.1-6.1) | 0.0 (0.0-0.0) | 0 | 342 |
| Riau Islands | 24.5 (21.1-28.2) | 0.4 (0.1-2.7) | 8.6 (5.9-12.3) | 41.4 (36.8-46.2) | 20.9 (17.0-25.4) | 4.0 (2.6-6.1) | 0.3 (0.1-1.0) | 0 | 490 |
| DKI Jakarta | 20.5 (17.6-23.8) | 0 | 8.1 (6.2-10.5) | 42.7 (38.6-46.8) | 25.2 (22.1-28.6) | 3.1 (2.0-4.8) | 0.4 (0.1-1.3) | 0 | 2,286 |
| West Java | 24.9 (23.2-26.7) | 0.0 (0.0-0.1) | 6.9 (5.8-8.2) | 36.8 (34.6-39.0) | 26.1 (24.2-28.1) | 5.1 (4.2-6.1) | 0.1 (0.1-0.3) | 0 | 10,964 |
| Central Java | 27.1 (25.4-28.9) | 0.0 (0.0-0.0) | 3.8 (3.2-4.5) | 37.3 (35.4-39.2) | 27.1 (25.3-29.0) | 4.4 (3.6-5.3) | 0.2 (0.1-0.5) | 0 | 7,611 |
| DI Yogyakarta | 23.6 (20.2-27.4) | 0 | 7.5 (5.5-10.0) | 47.0 (42.5-51.6) | 18.0 (15.1-21.2) | 4.0 (2.4-6.4) | 0.0 (0.0-0.0) | 0 | 722 |
| East Java | 26.0 (24.4-27.7) | 0 | 6.0 (5.0-7.1) | 38.4 (36.5-40.4) | 24.8 (23.0-26.7) | 4.5 (3.7-5.4) | 0.3 (0.1-0.7) | 0.0 (0.0-0.2) | 8,121 |
| Banten | 30.5 (27.3-34.0) | 0 | 5.0 (3.4-7.2) | 34.6 (30.7-38.7) | 25.6 (22.3-29.1) | 4.4 (3.0-6.2) | 0.0 (0.0-0.0) | 0 | 2,785 |
| Bali | 24.6 (22.0-27.4) | 0.1 (0.0-0.3) | 4.5 (3.0-6.6) | 35.7 (32.1-39.4) | 31.0 (27.7-34.6) | 4.1 (2.9-5.7) | 0.1 (0.0-0.5) | 0 | 885 |
| West Nusa Tenggara | 35.5 (32.0-39.1) | 0 | 1.2 (0.6-2.4) | 24.7 (21.6-28.0) | 31.1 (27.5-35.0) | 7.1 (5.1-9.8) | 0.4 (0.1-1.1) | 0 | 1,218 |
| East Nusa Tenggara | 37.7 (35.2-40.3) | 0.1 (0.0-0.4) | 1.7 (1.1-2.7) | 21.4 (19.2-23.8) | 27.7 (25.4-30.3) | 10.4 (8.6-12.5) | 0.9 (0.5-1.6) | 0 | 1,378 |
| West Kalimantan | 29.4 (26.4-32.5) | 0 | 5.1 (3.8-6.7) | 31.7 (28.7-34.9) | 27.6 (24.6-30.8) | 6.1 (4.4-8.3) | 0.2 (0.0-1.1) | 0 | 1,283 |
| Central Kalimantan | 30.2 (26.7-34.0) | 0.3 (0.1-1.3) | 5.8 (4.0-8.3) | 34.5 (30.6-38.7) | 25.0 (21.4-29.0) | 4.1 (2.8-6.1) | 0.0 (0.0-0.0) | 0 | 617 |
| South Kalimantan | 29.9 (27.2-32.6) | 0 | 4.3 (3.1-6.1) | 33.9 (31.1-36.9) | 27.8 (25.0-30.7) | 4.1 (3.1-5.5) | 0.0 (0.0-0.0) | 0 | 959 |
| East Kalimantan | 25.2 (22.1-28.5) | 0.1 (0.0-1.0) | 7.4 (5.6-9.6) | 41.1 (37.1-45.2) | 21.2 (17.7-25.2) | 4.8 (3.3-7.0) | 0.1 (0.0-0.9) | 0 | 887 |
| North Kalimantan | 28.1 (22.3-34.6) | 0 | 2.8 (1.0-7.1) | 36.7 (29.6-44.4) | 26.8 (20.8-33.8) | 5.1 (2.8-9.2) | 0.6 (0.1-4.0) | 0 | 163 |
| North Sulawesi | 30.1 (26.5-34.1) | 0.1 (0.0-0.4) | 3.7 (2.5-5.3) | 36.1 (32.1-40.4) | 24.5 (21.0-28.4) | 5.3 (3.8-7.3) | 0.2 (0.1-0.6) | 0 | 542 |
| Central Sulawesi | 29.4 (26.6-32.5) | 0 | 2.7 (1.9-3.9) | 31.3 (27.8-35.1) | 29.3 (26.1-32.8) | 7.1 (5.4-9.2) | 0.1 (0.0-0.6) | 0 | 708 |
| South Sulawesi | 29.3 (27.3-31.3) | 0 | 1.9 (1.3-2.7) | 26.3 (24.1-28.5) | 33.6 (31.4-35.8) | 8.5 (7.3-10) | 0.4 (0.2-0.9) | 0 | 2,117 |
| Southeast Sulawesi | 32.0 (29.6-34.5) | 0 | 2.1 (1.5-3.1) | 21.3 (19.1-23.6) | 35.3 (32.6-38.1) | 8.9 (7.1-11) | 0.4 (0.2-1.2) | 0.0 (0.0-0.2) | 681 |
| Gorontalo | 25.1 (21.3-29.3) | 0 | 6.6 (4.6-9.5) | 40.5 (36.1-45.1) | 21.9 (18.7-25.5) | 5.6 (3.7-8.3) | 0.2 (0.1-1.0) | 0 | 277 |
| West Sulawesi | 29.4 (25.8-33.3) | 0 | 3.7 (2.1-6.6) | 22.6 (19.0-26.7) | 34.3 (29.9-39.0) | 9.5 (7.0-12.9) | 0.4 (0.1-1.2) | 0 | 367 |
| Maluku | 32.2 (29.0-35.6) | 0 | 1.6 (0.9-2.7) | 24.0 (20.7-27.6) | 28.3 (25.0-31.8) | 12.5 (10.5-14.8) | 1.5 (0.9-2.5) | 0 | 467 |
| North Maluku | 32.6 (29.0-36.4) | 0.3 (0.0-1.9) | 2.6 (1.6-4.0) | 26.4 (23.0-30.1) | 28.2 (24.6-32.2) | 9.2 (6.9-12.4) | 0.6 (0.2-2.4) | 0 | 335 |
| West Papua | 32.9 (25.8-40.9) | 0.1 (0.0-0.9) | 3.2 (2.0-5.2) | 30.9 (25.3-37.2) | 26.3 (20.3-33.3) | 6.3 (3.6-10.6) | 0.2 (0.0-1.6) | 0 | 130 |
| Southwest Papua | 32.3 (25.4-40.0) | 0 | 2.5 (1.2-5.2) | 26.7 (20.9-33.5) | 25.5 (20.3-31.4) | 12.7 (8.6-18.3) | 0.2 (0.0-1.2) | 0.2 (0.0-1.4) | 140 |
| Papua | 36.1 (31.0-41.5) | 0 | 5.9 (3.8-9.1) | 29.3 (24.8-34.2) | 20.7 (16.5-25.5) | 6.6 (4.5-9.4) | 1.5 (0.6-3.8) | 0 | 236 |
| South Papua | 38.8 (31.9-46.1) | 0 | 2.4 (1.0-5.6) | 27.3 (21.0-34.8) | 26.0 (19.8-33.4) | 5.3 (3.0-9.1) | 0.2 (0.0-1.5) | 0 | 120 |
| Central Papua | 41.6 (27.7-57.0) | 0 | 2.6 (1.1-6.2) | 37.5 (26.9-49.5) | 15.4 (8.0-27.6) | 2.9 (1.3-6.2) | 0.0 (0.0-0.0) | 0 | 277 |
| Highland Papua | 49.6 (38.8-60.5) | 0 | 0.5 (0.1-3.5) | 28.0 (18.6-39.8) | 14.0 (9.6-20.0) | 5.9 (2.3-14.2) | 2.0 (0.3-12.7) | 0 | 209 |
| INDONESIA | 28.4 (27.8-29.0) | 0.0 (0.0-0.1) | 4.6 (4.3-4.9) | 34.1 (33.5-34.8) | 27.2 (26.6-27.8) | 5.4 (5.1-5.7) | 0.3 (0.2-0.4) | 0 (0-0) | 60,609 |

Table 14.2 Proportion of Age at First Menstruation According to Adolescent Girls Aged 10-19 Years by Characteristic, 2023 SKI

| Province | Belum Haid (%, 95%CI) | Age at First Menst. (%, 95%CI) | | | | | | | Weighted N |
|--|--------------------------|-----------------------------------|---------------|------------------|------------------|------------------|---------------|---------------|------------|
| | | 6-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19 | |
| Residence | | | | | | | | | |
| Urban | 26.2 (25.4-26.9) | 0.0 (0.0-0.1) | 5.6 (5.2-6.1) | 36.9 (36.0-37.8) | 26.3 (25.6-27.1) | 4.7 (4.4-5.1) | 0.2 (0.2-0.3) | 0.0 (0.0-0.0) | 35,332 |
| Rural | 31.5 (30.6-32.4) | 0.0 (0.0-0.0) | 3.2 (2.8-3.7) | 30.3 (29.3-31.3) | 28.4 (27.5-29.4) | 6.2 (5.7-6.7) | 0.4 (0.3-0.5) | 0.0 (0.0-0.0) | 25,277 |
| Education | | | | | | | | | |
| Never attended school | 55.9 (53.4-58.4) | 0.1 (0.0-0.3) | 5.6 (4.5-7.1) | 22.5 (20.4-24.7) | 13.1 (11.5-15.0) | 2.6 (1.9-3.5) | 0.2 (0.1-0.6) | 0.0 (0.0-0.0) | 3,975 |
| Some primary school/Islamic primary school | 68.2 (67.1-69.4) | 0.0 (0.0-0.0) | 6.1 (5.6-6.8) | 19.5 (18.5-20.5) | 5.0 (4.5-5.6) | 1.1 (0.8-1.5) | 0.0 (0.0-0.1) | 0.0 (0.0-0.0) | 16,482 |
| Primary school/Islamic primary school graduate | 17.4 (16.5-18.4) | 0.0 (0.0-0.1) | 5.2 (4.6-5.8) | 46.7 (45.4-47.9) | 28.2 (27.1-29.3) | 2.4 (2.0-2.8) | 0.1 (0.0-0.2) | 0.0 (0.0-0.0) | 17,420 |
| Junior secondary school/Islamic junior secondary school graduate | 3.3 (2.9-3.7) | 0.0 (0.0-0.1) | 3.2 (2.7-3.8) | 38.5 (37.2-39.8) | 44.8 (43.4-46.1) | 9.8 (9.1-10.6) | 0.4 (0.3-0.6) | 0.0 (0.0-0.0) | 16,442 |
| Senior secondary school/Islamic senior secondary school graduate | 2.5 (1.9-3.2) | 0 | 2.1 (1.6-2.8) | 33.7 (31.7-35.7) | 45.7 (43.6-47.8) | 14.8 (13.5-16.3) | 1.1 (0.8-1.6) | 0.1 (0.0-0.2) | 6,234 |
| D1/D2/D3/university graduate | 3.8 (1.3-10.7) | 0 | 0 | 34.0 (19.7-52.1) | 44.3 (28.2-61.7) | 17.9 (8.5-33.7) | 0 | 0.0 (0.0-0.0) | 56 |

Table 14.3 Proportion of Adolescent Girls Aged 10-19 Years Who Received/Purchased Iron Folic Acid (IFA) by Province, 2023 SKI

| Province | Received/purchased IFA in the last 12 months | | | Received/purchased IFA** | | |
|--------------------|--|------------------|---------------|--------------------------|------------------|---------------|
| | % | 95% CI | Weighted N | % | 95% CI | Weighted N |
| Aceh | 33.3 | 30.3-36.4 | 1,327 | 72.7 | 67.4-77.3 | 429 |
| North Sumatra | 35.2 | 32.8-37.7 | 3,673 | 69.1 | 65.1-72.9 | 1,257 |
| West Sumatra | 46.6 | 43.8-49.4 | 1,344 | 75.9 | 72.5-79.0 | 608 |
| Riau | 37.7 | 34.1-41.4 | 1,588 | 73.4 | 67.8-78.3 | 582 |
| Jambi | 42.0 | 38.2-45.9 | 836 | 74.4 | 68.5-79.6 | 341 |
| South Sumatra | 37.7 | 34.6-40.8 | 1,993 | 70.8 | 66.4-74.9 | 730 |
| Bengkulu | 51.5 | 45.1-57.9 | 470 | 73.2 | 59.2-83.7 | 235 |
| Lampung | 42.9 | 39.5-46.4 | 2,061 | 77.7 | 72.6-82.1 | 860 |
| Babel Islands | 49.5 | 45.5-53.5 | 342 | 66.6 | 59.8-72.8 | 165 |
| Riau Islands | 44.7 | 39.1-50.5 | 490 | 77.6 | 70.7-83.3 | 213 |
| D.K.I. Jakarta | 47.6 | 43.5-51.8 | 2,286 | 74.2 | 67.8-79.7 | 1,058 |
| West Java | 46.3 | 44.0-48.7 | 10,964 | 74.4 | 71.0-77.5 | 4,939 |
| Central Java | 51.9 | 49.9-54.0 | 7,611 | 72.6 | 70.0-75.0 | 3,840 |
| D.I. Yogyakarta | 60.1 | 55.6-64.6 | 722 | 77.2 | 72.0-81.7 | 422 |
| East Java | 46.5 | 44.3-48.7 | 8,121 | 73.9 | 70.8-76.8 | 3,668 |
| Banten | 37.7 | 33.2-42.5 | 2,785 | 67.1 | 59.1-74.1 | 1,022 |
| Bali | 56.6 | 52.7-60.4 | 885 | 74.0 | 69.2-78.3 | 487 |
| West Nusa Tenggara | 42.0 | 38.1-45.9 | 1,218 | 77.3 | 71.9-81.9 | 497 |
| East Nusa Tenggara | 53.4 | 50.6-56.2 | 1,378 | 76.3 | 72.5-79.7 | 715 |
| West Kalimantan | 47.7 | 44.2-51.3 | 1,283 | 79.8 | 74.9-84.0 | 595 |
| Central Kalimantan | 48.6 | 44.3-52.9 | 617 | 72.8 | 66.7-78.1 | 291 |
| South Kalimantan | 45.8 | 42.5-49.2 | 959 | 67.1 | 62.4-71.4 | 427 |
| East Kalimantan | 47.4 | 43.2-51.6 | 887 | 76.2 | 70.6-81.0 | 409 |
| North Kalimantan | 44.8 | 37.7-52.1 | 163 | 82.0 | 71.4-89.3 | 71 |
| North Sulawesi | 35.7 | 31.7-40.0 | 542 | 64.7 | 57.5-71.3 | 188 |
| Central Sulawesi | 48.8 | 45.1-52.6 | 708 | 70.1 | 65.2-74.7 | 336 |
| South Sulawesi | 51.9 | 49.3-54.5 | 2,117 | 76.5 | 73.5-79.3 | 1,069 |
| Southeast Sulawesi | 45.1 | 42.0-48.2 | 681 | 66.1 | 61.5-70.5 | 298 |
| Gorontalo | 48.4 | 43.2-53.6 | 277 | 76.9 | 70.6-82.2 | 130 |
| West Sulawesi | 50.5 | 45.6-55.5 | 367 | 74.0 | 67.8-79.3 | 180 |
| Maluku | 36.3 | 32.1-40.6 | 467 | 69.3 | 62.4-75.5 | 165 |
| North Maluku | 47.1 | 42.6-51.6 | 335 | 78.3 | 72.9-82.9 | 153 |
| West Papua | 35.2 | 29.1-41.8 | 130 | 59.9 | 49.1-69.8 | 45* |
| Southwest Papua | 23.0 | 17.2-29.9 | 140 | 65.8 | 51.5-77.6 | 31* |
| Papua | 33.1 | 27.7-39.1 | 236 | 73.5 | 62.6-82.1 | 76 |
| South Papua | 35.3 | 28.6-42.7 | 120 | 76.7 | 64.3-85.8 | 41* |
| Central Papua | 16.4 | 10.7-24.4 | 277 | 61.5 | 40.4-79.0 | 44* |
| Highland Papua | 14.0 | 8.2-23.0 | 209 | 83.5 | 60.9-94.2 | 29* |
| INDONESIA | 45.2 | 44.5-46.0 | 60,609 | 73.5 | 72.5-74.5 | 26,646 |

*Weighted N < 50

**Proportion Based on Respondents Who Ever Received/Purchased Iron Folic Acid

Table 14.4 Proportion of Female Adolescents Aged 10-19 Years Who Received/Purchased Iron Folic Acid (IFA) by Characteristic, 2023 SKI

| Characteristic | Received/purchased IFA | | | Received/purchased IFA in the last 12 months** | | |
|--|------------------------|-----------|------------|--|-----------|------------|
| | % | 95% CI | Weighted N | % | 95% CI | Weighted N |
| Age Range | | | | | | |
| 10-11 | 10.3 | 9.5-11.1 | 13,685 | 72.7 | 68.8-76.4 | 1,364 |
| 12-15 | 50.3 | 49.2-51.3 | 23,831 | 80.9 | 79.6-82.0 | 11,641 |
| 16-18 | 63.4 | 62.1-64.7 | 18,275 | 72.5 | 70.9-73.9 | 11,267 |
| 19 | 50.7 | 48.2-53.2 | 4,819 | 42.7 | 39.3-46.1 | 2,374 |
| Residence | | | | | | |
| Urban | 45.8 | 44.9-46.8 | 35,332 | 73.6 | 72.3-74.8 | 15,741 |
| Rural | 44.4 | 43.3-45.5 | 25,277 | 73.4 | 71.8-74.9 | 10,905 |
| Pendidikan | | | | | | |
| Never attended school | 23.9 | 21.8-26.0 | 3,975 | 69.5 | 64.5-74.1 | 921 |
| Some primary school/Islamic primary school | 19.1 | 18.1-20.1 | 16,482 | 74.2 | 71.4-76.8 | 3,055 |
| Primary school/Islamic primary school graduate | 52.5 | 51.2-53.9 | 17,420 | 80.8 | 79.3-82.2 | 8,897 |
| Junior secondary school/Islamic junior secondary school graduate | 64.4 | 63.0-65.7 | 16,442 | 75.4 | 73.9-76.8 | 10,290 |
| Senior secondary school/Islamic senior secondary school graduate | 57.0 | 54.9-59.1 | 6,234 | 49.8 | 46.9-52.6 | 3,456 |
| D1/D2/D3/university graduate | 49.6 | 32.9-66.4 | 56 | 47.4 | 22.8-73.4 | 27* |

*Weighted N < 50

** Proportion Based on Respondents Who Ever Received/Purchased Iron Folic Acid

Table 14.5 Proportion of Sources of Iron Folic Acid (IFA) Acquisition Among Female Adolescents Aged 10-19 Years by Province, 2023 SKI

| Province | Source of IFA | | | | | | | | |
|--------------------|-------------------|-----------------|---------------|-------------|------------------|---------------|-----------------|----------------|---------------|
| | Health Facilities | | | School | | | Self-Initiative | | |
| | % | 95% CI | N | % | 95% CI | N | % | 95% CI | N |
| Aceh | 10.7 | 7.7-14.7 | 320 | 90.2 | 86.2-93.1 | 320 | 3.0 | 1.7-5.2 | 320 |
| North Sumatra | 17.4 | 14.1-21.3 | 891 | 84.2 | 80.2-87.6 | 891 | 1.9 | 0.8-4.5 | 891 |
| West Sumatra | 11.0 | 8.5-14.1 | 473 | 90.5 | 87.6-92.8 | 473 | 1.4 | 0.7-2.8 | 473 |
| Riau | 5.5 | 3.7-8.1 | 438 | 93.6 | 90.5-95.7 | 438 | 1.6 | 0.7-3.7 | 438 |
| Jambi | 22.1 | 17.6-27.3 | 260 | 80.3 | 75.2-84.6 | 260 | 2.7 | 1.1-6.6 | 260 |
| South Sumatra | 11.9 | 9.0-15.7 | 530 | 90.8 | 87.4-93.4 | 530 | 1.4 | 0.6-3.5 | 530 |
| Bengkulu | 8.7 | 6.1-12.2 | 176 | 92.5 | 88.9-95.0 | 176 | 1.0 | 0.4-2.4 | 176 |
| Lampung | 20.1 | 14.7-26.9 | 685 | 85.1 | 79.4-89.5 | 685 | 2.0 | 1.0-3.8 | 685 |
| Bangka Belitung | 2.7 | 1.2-5.6 | 112 | 95.2 | 91.7-97.2 | 112 | 3.4 | 1.7-6.5 | 112 |
| Riau Islands | 14.1 | 8.7-22.2 | 170 | 84.3 | 76.4-89.9 | 170 | 2.9 | 1.2-6.9 | 170 |
| DKI Jakarta | 8.8 | 4.9-15.0 | 805 | 87.0 | 81.3-91.1 | 805 | 7.3 | 4.4-11.8 | 805 |
| West Java | 5.5 | 4.1-7.2 | 3,767 | 93.5 | 91.7-95.0 | 3,767 | 2.9 | 2.0-4.3 | 3,767 |
| Central Java | 8.5 | 7.0-10.3 | 2,859 | 90.2 | 88.1-91.9 | 2,859 | 3.3 | 2.3-4.6 | 2,859 |
| DI Yogyakarta | 9.9 | 6.9-14.0 | 334 | 89.9 | 85.8-93.0 | 334 | 5.1 | 2.9-8.6 | 334 |
| East Java | 7.7 | 5.9-10.0 | 2,780 | 91.1 | 88.7-93.0 | 2,780 | 4.8 | 3.4-6.8 | 2,780 |
| Banten | 3.3 | 1.7-6.3 | 703 | 93.8 | 88.7-96.7 | 703 | 7.9 | 4.3-14.2 | 703 |
| Bali | 3.7 | 2.2-6.1 | 370 | 92.4 | 89.2-94.7 | 370 | 4.7 | 2.8-7.9 | 370 |
| West Nusa Tenggara | 5.8 | 3.6-9.1 | 394 | 91.9 | 87.6-94.8 | 394 | 2.2 | 1.1-4.5 | 394 |
| East Nusa Tenggara | 23.0 | 19.4-27.1 | 559 | 82.0 | 78.4-85.0 | 559 | 0.6 | 0.3-1.2 | 559 |
| West Kalimantan | 17.1 | 12.8-22.6 | 487 | 83.4 | 78.0-87.7 | 487 | 1.4 | 0.7-3.0 | 487 |
| Central Kalimantan | 14.0 | 10.1-19.1 | 217 | 86.7 | 81.9-90.4 | 217 | 3.9 | 2.1-7.2 | 217 |
| South Kalimantan | 9.4 | 7.0-12.5 | 294 | 90.1 | 86.5-92.8 | 294 | 1.3 | 0.6-2.8 | 294 |
| East Kalimantan | 9.9 | 6.0-16.1 | 319 | 91.4 | 85.9-94.9 | 319 | 3.7 | 2.1-6.5 | 319 |
| North Kalimantan | 6.5 | 2.4-16.5 | 60 | 92.7 | 83.2-97.0 | 60 | 0.6 | 0.1-2.6 | 60 |
| North Sulawesi | 18.2 | 13.7-23.8 | 125 | 82.6 | 77.3-86.9 | 125 | 1.3 | 0.5-3.6 | 125 |
| Central Sulawesi | 19.9 | 15.3-25.4 | 242 | 79.9 | 74.4-84.4 | 242 | 2.8 | 1.5-5.5 | 242 |
| South Sulawesi | 10.8 | 8.6-13.3 | 838 | 90.0 | 87.3-92.2 | 838 | 1.2 | 0.5-3.0 | 838 |
| Southeast Sulawesi | 13.0 | 9.6-17.3 | 202 | 88.4 | 84.2-91.6 | 202 | 0.6 | 0.2-1.7 | 202 |
| Gorontalo | 13.5 | 9.4-18.8 | 103 | 88.6 | 83.8-92.1 | 103 | 0.3 | 0.0-2.0 | 103 |
| West Sulawesi | 10.8 | 7.1-16.1 | 137 | 90.1 | 84.7-93.8 | 137 | 1.2 | 0.2-7.0 | 137 |
| Maluku | 28.5 | 21.4-36.8 | 117 | 71.2 | 63.0-78.2 | 117 | 2.6 | 0.9-7.3 | 117 |
| North Maluku | 29.7 | 23.0-37.3 | 123 | 77.6 | 70.7-83.3 | 123 | 1.7 | 0.6-4.8 | 123 |
| West Papua | 23.7 | 15.3-34.8 | 27 | 83.5 | 75.1-89.5 | 27 | 1.8 | 0.6-5.3 | 27* |
| Southwest Papua | 21.9 | 10.4-40.3 | 21 | 76.5 | 57.8-88.5 | 21 | 2.4 | 0.3-15.1 | 21* |
| Papua | 20.3 | 12.5-31.2 | 57 | 82.3 | 71.1-89.7 | 57 | 4.3 | 1.6-11.1 | 57 |
| South Papua | 26.1 | 16.8-38.2 | 32 | 78.0 | 66.1-86.6 | 32 | 0 | 0 | 32* |
| Central Papua | 18.0 | 6.1-42.4 | 28 | 91.6 | 74.8-97.6 | 28 | 0 | 0 | 28* |
| Highland Papua | 57.0 | 33.9-77.3 | 24 | 68.6 | 41.2-87.2 | 24 | 0 | 0 | 24* |
| INDONESIA | 10.1 | 9.5-10.8 | 20,081 | 89.6 | 88.9-90.3 | 20,081 | 3.2 | 2.8-3.7 | 20,081 |

*Weighted N < 50

Table 14.6 Proportion of Sources of Iron Folic Acid (IFA) Acquisition Among Female Adolescents Aged 10-19 Years by Characteristic, 2023 SKI

| Characteristic | Source of IFA | | | | | | | | |
|--|-------------------|-----------|--------|--------|-----------|--------|-----------------|-----------|--------|
| | Health Facilities | | | School | | | Self-Initiative | | |
| | % | 95% CI | N | % | 95% CI | N | % | 95% CI | N |
| Age Range | | | | | | | | | |
| 10-11 | 10.5 | 8.2-13.3 | 1,018 | 87.6 | 84.3-90.3 | 1,018 | 2.7 | 1.3-5.5 | 1,018 |
| 12-15 | 8.9 | 8.1-9.7 | 9,653 | 91.8 | 91.0-92.6 | 9,653 | 1.4 | 1.0-1.8 | 9,653 |
| 16-18 | 10.2 | 9.2-11.4 | 8,372 | 90.1 | 89.1-91.1 | 8,372 | 4.0 | 3.2-4.9 | 8,372 |
| 19 | 20.3 | 16.4-24.7 | 1,039 | 67.6 | 62.6-72.3 | 1,039 | 13.7 | 10.6-17.6 | 1,039 |
| Education | | | | | | | | | |
| Never attended school | 11.2 | 8.3-15.1 | 656 | 87.5 | 83.2-90.9 | 656 | 3.7 | 2.0-6.8 | 656 |
| Some primary school/Islamic primary school | 9.2 | 7.8-10.9 | 2,323 | 89.5 | 87.6-91.1 | 2,323 | 1.7 | 1.0-3.0 | 2,323 |
| Primary school/Islamic primary school graduate | 9.0 | 8.1-10.0 | 7,370 | 91.4 | 90.5-92.3 | 7,370 | 1.5 | 1.0-2.1 | 7,370 |
| Junior secondary school/Islamic junior secondary school graduate | 9.7 | 8.8-10.7 | 7,954 | 91.5 | 90.6-92.4 | 7,954 | 3.2 | 2.5-4.0 | 7,954 |
| Senior secondary school/Islamic senior secondary school graduate | 17.5 | 14.4-21.0 | 1,764 | 74.7 | 71.0-78.1 | 1,764 | 12.0 | 9.6-14.8 | 1,764 |
| D1/D2/D3/university graduate | 9.8 | 1.8-39.6 | 13 | 84.2 | 52.9-96.2 | 13 | 6.0 | 0.7-35.4 | 13* |
| Residence | | | | | | | | | |
| Urban | 8.1 | 7.3-8.9 | 11,876 | 90.7 | 89.8-91.5 | 11,876 | 4.1 | 3.5-4.8 | 11,876 |
| Rural | 13.1 | 12-14.3 | 8,205 | 88.1 | 87.0-89.2 | 8,205 | 1.9 | 1.4-2.6 | 8,205 |

*Weighted N < 50

NUMBER OF IFA TABLETS OBTAINED AND CONSUMED

The government has a program for female adolescents in schools to provide one IFA tablet every week throughout the year (totaling 52 tablets).

- a. Proportion of IFA tablets obtained by female adolescents in the last 12 months:

$$\frac{\sum \text{Female adolescents aged 10-19 years who obtained IFA from health facilities, school, or self-initiative}}{\sum \text{Female adolescents aged 10-19 years who obtained IFA from health facilities, school, or self-initiative in the last 12 months}}$$

$$= \frac{\sum \text{Female adolescents aged 10-19 years who obtained IFA from health facilities, school, or self-initiative in the last 12 months}}{\sum \text{Female adolescents aged 10-19 years who obtained IFA in the last 12 months from health facilities, school, or self-initiative}}$$

- b. b. Proportion of IFA tablets consumed by female adolescents in the last 12 months =

$$\frac{\sum \text{Female adolescents aged 10-19 years who obtained IFA from health facilities, school, or self-initiative and consumed them}}{\sum \text{Female adolescents aged 10-19 years who obtained IFA in the last 12 months from health facilities, school, or self-initiative}}$$

The proportion of female adolescents aged 10-19 years who obtained an adequate number of IFA tablets (52 tablets or more in the last year) is highest from health facilities (7.9%), followed by school (6.1%), and self-initiative (4.9%). Among those who obtained IFA tablets, the proportion of those who consumed ≥52 tablets in one year is 4.2% (from health facilities), 3.0% (from school), and 4.3% (from self-initiative).

PROPORTION OF MAIN REASONS FOR NOT CONSUMING/FINISHING IFA TABLETS

Proportion of main reasons for female adolescents aged 10-19 years not consuming/finishing IFA tablets in the last 12 months:

$$\begin{aligned}
 & \frac{\text{Female adolescents aged 10-19 years who did not finish the IFA tablets obtained}}{\text{from health facilities or school}} \\
 = \frac{\Sigma \text{Female adolescents aged 10-19 years who did not finish the IFA tablets}}{\text{obtained from health facilities or school}}
 \end{aligned}$$

Table 14.7 Proportion of Main Reasons for Not Consuming/Finishing IFA Tablets Obtained from Health Facilities by Female Adolescents Aged 10-19 Years in the Last 12 Months by Characteristic, 2023 SKI

| Characteristic | Main Reasons for Not Consuming/Finishing IFA from Health Facilities (%) | | | | | | | Weighted N |
|--|---|--------------------------------|-------------|----------------------------|---------------------------|------------------------|-----------------------|------------|
| | Felt unnecessary/no benefit | Only taken during menstruation | Forgot | Unpleasant taste and smell | Side effects ¹ | Considered as medicine | Still have some stock | |
| Age Range | | | | | | | | |
| 10-11 | 26.8 | 3.3 | 26.6 | 30.6 | 0.8 | 6.4 | 5.5 | 0 |
| 12-15 | 13.0 | 8.3 | 31.4 | 30.3 | 5.7 | 2.2 | 1.1 | 4.7 |
| 16-18 | 11.5 | 8.3 | 28.4 | 27.6 | 11.2 | 3.7 | 0.6 | 2.9 |
| 19 | 10.7 | 2.2 | 22.0 | 38.2 | 10.2 | 6.2 | 0 | 10.6 |
| Education | | | | | | | | |
| Never attended school | 24.7 | 2.8 | 23.7 | 25.8 | 4.1 | 4.6 | 0 | 14.4 |
| Some primary school/Islamic primary school | 11.8 | 2.2 | 43.4 | 30.3 | 3.2 | 2.4 | 2.5 | 3.7 |
| Primary school/Islamic primary school graduate | 13.3 | 7.5 | 30.5 | 28.9 | 8.2 | 2.4 | 0.9 | 3.9 |
| Junior secondary school/Islamic junior secondary school graduate | 13.8 | 11.4 | 29.2 | 25.3 | 9.7 | 4.0 | 0.7 | 3.0 |
| Senior secondary school/Islamic senior secondary school graduate | 5.8 | 2.6 | 17.7 | 44.9 | 9.3 | 3.6 | 1.4 | 4.5 |
| D1/D2/D3/university graduate | 0 | 0 | 0 | 0 | 0 | 100.0 | 0 | 0 |
| Residence | | | | | | | | |
| Urban | 10.0 | 5.3 | 32.0 | 30.3 | 7.9 | 3.7 | 1.1 | 4.8 |
| Rural | 15.8 | 10.0 | 26.3 | 29.1 | 8.6 | 2.9 | 0.9 | 3.4 |
| INDONESIA | 12.8 | 7.6 | 29.2 | 29.7 | 8.2 | 3.3 | 1.0 | 4.1 |

¹Side effects are nausea, constipation, dark stools.

*Weighted N < 50

Table 14.8 Proportion of Main Reasons for Not Consuming/Finishing IFA Tablets Obtained from School by Female Adolescents Aged 10-19 Years in the Last 12 Months by Characteristic, 2023 SKI

| Characteristic | Main Reasons for Not Consuming/Finishing IFA from School (%) | | | | | | | | Weighted N |
|--|--|--------------------------------|-------------|----------------------------|---------------------------|------------------------|-----------------------|------------|--------------|
| | Felt unnecessary/no benefit | Only taken during menstruation | Forgot | Unpleasant taste and smell | Side effects ¹ | Considered as medicine | Still have some stock | Boredom | |
| Age Range | | | | | | | | | |
| 10-11 | 12.0 | 2.8 | 20.1 | 43.6 | 6.5 | 3.9 | 2.3 | 3.8 | 241 |
| 12-15 | 15.1 | 4.6 | 21.4 | 32.0 | 8.9 | 4.2 | 2.7 | 3.6 | 3,742 |
| 16-18 | 13.9 | 3.4 | 23.4 | 29.8 | 11.6 | 3.6 | 1.7 | 4.3 | 3,580 |
| 19 | 16.3 | 2.9 | 27.6 | 26.8 | 12.0 | 4.7 | 0.9 | 4.6 | 302 |
| Education | | | | | | | | | |
| Never attended school | 14.9 | 5.2 | 24.9 | 38.4 | 7.1 | 2.8 | 1.3 | 3.0 | 239 |
| Some primary school/Islamic primary school | 13.0 | 3.8 | 21.9 | 38.8 | 7.7 | 3.1 | 2.1 | 2.6 | 742 |
| Primary school/Islamic primary school graduate | 15.9 | 4.1 | 21.6 | 31.3 | 9.9 | 3.8 | 2.6 | 3.4 | 2,833 |
| Junior secondary school/Islamic junior secondary school graduate | 14.2 | 3.9 | 22.7 | 29.6 | 10.7 | 3.8 | 2.1 | 4.5 | 3,407 |
| Senior secondary school/Islamic senior secondary school graduate | 11.3 | 3.2 | 25.4 | 27.4 | 12.7 | 7.1 | 0.8 | 5.3 | 637 |
| D1/D2/D3/university graduate | 71.7 | 0 | 15.4 | 6.8 | 0 | 0 | 0 | 6.2 | 7* |
| Residence | | | | | | | | | |
| Urban | 14.7 | 3.6 | 21.9 | 30.6 | 10.5 | 4.0 | 2.1 | 4.3 | 5,000 |
| Rural | 14.2 | 4.6 | 23.7 | 32.1 | 9.5 | 3.8 | 2.2 | 3.4 | 2,865 |
| INDONESIA | 14.5 | 4.0 | 22.5 | 31.2 | 10.2 | 4.0 | 2.1 | 4.0 | 7,865 |

¹Side effects are nausea, constipation, dark stools.

*Weighted N < 50

Table 14.9 Proportion of Main Reasons for Not Obtaining/Buying IFA Tablets by Female Adolescents Aged 10-19 Years in the Last 12 Months by Province, 2023 SKI

| Province | Main Reasons for Never Obtaining/Buying IFA Tablets (%) | | | | | | | | |
|--------------------|---|--------------------|-----------------------------|----------------------------|---------------------------|------------------------|------------|-------------|---------------|
| | The Staffs give no IFA | No Stock Available | Felt unnecessary/no benefit | Unpleasant taste and smell | Side effects ¹ | Considered as medicine | No money | No Idea | Weighted N |
| Aceh | 13.0 | 0.7 | 16.8 | 4.4 | 2.7 | 4.0 | 0.2 | 52.1 | 906 |
| North Sumatra | 12.3 | 1.4 | 14.9 | 1.6 | 0.5 | 3.3 | 0.3 | 60.5 | 2,435 |
| West Sumatra | 29.3 | 1.0 | 12.3 | 3.0 | 2.0 | 3.4 | 0.7 | 41.9 | 735 |
| Riau | 21.6 | 2.6 | 16.3 | 2.1 | 0.9 | 3.1 | 0.1 | 48.4 | 1,012 |
| Jambi | 15.9 | 0.7 | 13.9 | 4.2 | 1.9 | 3.0 | 0.1 | 53.4 | 496 |
| South Sumatra | 17.6 | 0.7 | 11.2 | 3.5 | 1.3 | 2.4 | 0.3 | 59.6 | 1,271 |
| Bengkulu | 19.7 | 0.6 | 18.8 | 6.9 | 0.8 | 5.2 | 0.2 | 43.4 | 233 |
| Lampung | 23.0 | 1.9 | 15.4 | 4.4 | 1.0 | 3.6 | 0.2 | 45.3 | 1,203 |
| Kep. Babel | 19.1 | 0.9 | 19.6 | 4.6 | 1.6 | 1.7 | 0 | 44.1 | 177 |
| Riau Islands | 31.5 | 1.8 | 16.4 | 2.1 | 0.6 | 2.2 | 0.0 | 40.1 | 277 |
| D.K.I. Jakarta | 31.1 | 0.6 | 16.4 | 3.0 | 0.3 | 1.4 | 0 | 41.1 | 1,225 |
| West Java | 28.9 | 1.3 | 9.3 | 2.6 | 0.8 | 1.9 | 0.0 | 51.3 | 6,019 |
| Central Java | 30.0 | 1.4 | 13.3 | 1.8 | 0.4 | 1.0 | 0.0 | 46.9 | 3,745 |
| D.I. Yogyakarta | 29.9 | 2.4 | 16.9 | 1.7 | 0.8 | 1.5 | 0.5 | 38.7 | 295 |
| East Java | 23.3 | 0.8 | 13.0 | 1.6 | 0.5 | 1.2 | 0.5 | 53.4 | 4,448 |
| Banten | 21.2 | 1.2 | 12.2 | 3.1 | 0.9 | 2.2 | 0.4 | 57.1 | 1,774 |
| Bali | 29.1 | 1.4 | 16.8 | 5.5 | 0.7 | 1.0 | 0 | 37.0 | 393 |
| West Nusa Tenggara | 32.9 | 1.0 | 9.7 | 1.6 | 0.3 | 2.9 | 0.5 | 43.2 | 723 |
| East Nusa Tenggara | 20.4 | 1.3 | 4.5 | 1.3 | 0.5 | 2.1 | 0.8 | 56.2 | 657 |
| West Kalimantan | 16.8 | 1.0 | 12.0 | 2.9 | 3.4 | 2.8 | 0 | 53.2 | 686 |
| Central Kalimantan | 11.8 | 1.3 | 12.5 | 8.1 | 1.7 | 2.6 | 1.0 | 53.3 | 325 |
| South Kalimantan | 22.9 | 0.6 | 11.0 | 3.0 | 1.8 | 1.0 | 0 | 50.7 | 531 |
| East Kalimantan | 23.2 | 0.6 | 13.6 | 3.8 | 0.6 | 2.1 | 0.3 | 46.9 | 478 |
| North Kalimantan | 19.0 | 3.1 | 9.8 | 3.0 | 0.7 | 4.2 | 0 | 52.8 | 92 |
| North Sulawesi | 20.8 | 1.6 | 9.2 | 1.5 | 1.7 | 1.4 | 0 | 52.8 | 356 |
| Central Sulawesi | 24.0 | 1.1 | 6.4 | 2.5 | 1.4 | 1.9 | 0.5 | 56.8 | 371 |
| South Sulawesi | 23.3 | 1.1 | 9.9 | 1.4 | 0.4 | 0.9 | 0.4 | 52.1 | 1,041 |
| Southeast Sulawesi | 16.3 | 1.4 | 8.0 | 2.3 | 0.6 | 1.4 | 0.4 | 57.9 | 383 |
| Gorontalo | 13.2 | 0.8 | 9.4 | 2.1 | 3.4 | 1.7 | 0 | 61.8 | 146 |
| West Sulawesi | 10.5 | 0.7 | 15.1 | 1.8 | 1.2 | 0.3 | 0.5 | 53.8 | 186 |
| Maluku | 19.8 | 1.9 | 13.4 | 2.5 | 0.9 | 1.3 | 0.1 | 49.4 | 305 |
| North Maluku | 19.8 | 0.7 | 7.9 | 2.6 | 0.4 | 1.2 | 0.3 | 61.3 | 181 |
| West Papua | 27.2 | 0.4 | 13.4 | 1.2 | 0.3 | 1.1 | 0.5 | 48.2 | 86 |
| Southwest Papua | 28.0 | 1.3 | 11.5 | 3.1 | 0.4 | 7.3 | 0.8 | 43.9 | 111 |
| Papua | 21.7 | 0.4 | 17.1 | 0.8 | 0.3 | 0.2 | 0.4 | 43.8 | 161 |
| South Papua | 34.7 | 0.6 | 17.2 | 0.8 | 3.6 | 0 | 0 | 36.9 | 79 |
| Central Papua | 5.9 | 0.8 | 19.5 | 0.9 | 0.2 | 0.5 | 0.7 | 66.9 | 237 |
| Highland Papua | 9.3 | 2.2 | 7.8 | 0 | 0.3 | 1.1 | 1.6 | 70.2 | 184 |
| INDONESIA | 23.5 | 1.2 | 12.4 | 2.5 | 0.9 | 2.0 | 0.2 | 51.4 | 33,963 |

¹ Side effects are nausea, constipation, dark stools.

Table 14.10 Proportion of Main Reasons for Not Obtaining/Buying IFA Tablets by Female Adolescents Aged 10-19 Years in the Last 12 Months by Characteristic, 2023
SKI

| Characteristic | Main Reasons for Not Consuming/Finishing IFA (%) | | | | | | | Weighted N | |
|--|--|--------------------|---------------------------------|-------------------------------|---------------------------|------------------------|----------|------------|--------|
| | The Staffs give no IFA | No Stock Available | Felt Unnecessary/ No Benefit | Unpleasant Taste and Smell | Side effects ¹ | Considered as medicine | No money | No Idea | |
| Age Range | | | | | | | | | |
| 10-11 | 25,3 | 0,9 | 9,8 | 1,6 | 0,4 | 1,2 | 0,2 | 52,0 | 12.566 |
| 12-15 | 23,7 | 1,2 | 11,1 | 2,4 | 1,1 | 2,4 | 0,2 | 53,2 | 12.128 |
| 16-18 | 22,0 | 1,3 | 17,0 | 3,9 | 1,0 | 2,7 | 0,4 | 48,5 | 6.838 |
| 19 | 17,9 | 2,1 | 20,0 | 3,8 | 1,5 | 2,2 | 0,6 | 47,6 | 2.431 |
| Education | | | | | | | | | |
| Never attended school | 21,5 | 1,1 | 11,6 | 1,9 | 1,1 | 1,4 | 0,4 | 53,1 | 3.097 |
| Some primary school/Islamic primary school | 25,1 | 1,0 | 9,9 | 1,7 | 0,6 | 1,5 | 0,2 | 52,4 | 13.648 |
| Primary school/Islamic primary school graduate | 23,1 | 1,4 | 12,0 | 2,4 | 1,0 | 2,3 | 0,2 | 52,9 | 8.458 |
| Junior secondary school/Islamic junior secondary school graduate | 22,8 | 1,4 | 16,3 | 4,2 | 1,0 | 2,9 | 0,3 | 48,1 | 5.991 |
| Senior secondary school/Islamic senior secondary school graduate | 20,4 | 1,4 | 19,1 | 4,0 | 1,3 | 2,1 | 0,4 | 47,1 | 2.740 |
| D1/D2/D3/university graduate | 21,1 | 0 | 29,6 | 7,4 | 0 | 5,8 | 0 | 32,3 | 29* |
| Residence | | | | | | | | | |
| Urban | 24,8 | 1,2 | 12,7 | 2,5 | 0,8 | 2,0 | 0,2 | 50,6 | 19.581 |
| Rural | 21,7 | 1,2 | 12,2 | 2,5 | 1,0 | 2,0 | 0,3 | 52,5 | 14.382 |

*Weighted N < 50. ¹ Side effects are nausea, constipation, dark stools..

14.2 SUPPLEMENTARY FOOD PROVISION FOR PREGNANT WOMEN

PROVISION OF SUPPLEMENTARY FOOD (PMT) FOR PREGNANT WOMEN IN THE LAST PREGNANCY

Pregnant women are a vulnerable group prone to malnutrition and are one of the targets of the Supplementary Food Provision (PMT) Program. This program aims to address malnutrition in pregnant women with a focus on macro and micronutrients needed to prevent Low Birth Weight (LBW) babies. Provision of supplementary food or nutritional supplementation to pregnant women is one of the strategies to increase access to nutritious food to meet the needs of pregnant women in addressing nutritional issues. The Supplementary Food Provision (PMT) for pregnant women is integrated with Antenatal Care (ANC) services. The provision of supplementary food is mainly intended for pregnant women with Chronic Energy Deficiency (KEK).

Questions in the Sub-Block of Supplementary Food Provision for Pregnant Women aim to provide an overview of the consumption of supplementary food among pregnant women and to serve as an effort to achieve the target indicators of the Ministry of Health's Strategic Plan for 2020-2024, which is to reduce the prevalence of pregnant women with KEK. Respondents in this sub-block are Female of Childbearing Age (10-54 years old), married/divorced/widowed.

In the 2023 Indonesia Health Survey, PMT for pregnant women is divided into two categories:

1. PMT received and consumed based on the history of the last pregnancy within the last 5 years (January 1, 2018, to the interview date).
2. PMT received and consumed during the current pregnancy (at the time of the interview while pregnant).

Proportion of Mothers (with a history of pregnancy since January 1, 2018) Receiving PMT, Program Biscuits, Local Food PMT, and Local Food PMT and Other PMT

The definition of "mothers receiving PMT" is Females aged 10-54 years who received PMT, whether they received PMT biscuits, local food PMT, and/or Other PMT during the last pregnancy since January 1, 2018.

$$\text{Proportion of mothers who have received PMT during the last pregnancy} = \frac{\sum \text{Females aged 10-54 years with a history of pregnancy since January 1, 2018, and who have received PMT}}{\sum \text{Females 10-54 years old with a history of pregnancy since January 1, 2018}}$$

The definition of "mothers receiving Program Biscuits PMT" is Females aged 10-54 years who received Program Biscuits PMT during the last pregnancy since January 1, 2018.

$$\begin{array}{lcl} \text{Proportion of mothers who have received Program Biscuits PMT during the last pregnancy} & = & \Sigma \text{ Females aged 10-54 years with a history of pregnancy since January 1, 2018, and who have received Program Biscuits PMT} \\ & & \hline \\ & & \Sigma \text{ Females 10-54 years old with a history of pregnancy since January 1, 2018, and who have received PMT} \end{array}$$

The definition of "mothers receiving Local Food PMT" is Females aged 10-54 years who received Local Food PMT during the last pregnancy since January 1, 2018.

$$\begin{array}{lcl} \text{Proportion of mothers who have received Local Food PMT during the last pregnancy} & = & \Sigma \text{ Females aged 10-54 years with a history of pregnancy since January 1, 2018, and who have received Local Food PMT} \\ & & \hline \\ & & \Sigma \text{ Females 10-54 years old with a history of pregnancy since January 1, 2018, and who have received PMT} \end{array}$$

The definition of "mothers receiving Other PMT" is Females aged 10-54 years who received Other PMT during the last pregnancy since January 1, 2018.

$$\begin{array}{lcl} \text{Proportion of mothers who have received Other PMT during the last pregnancy} & = & \Sigma \text{ Females aged 10-54 years with a history of pregnancy since January 1, 2018, and who have received Other PMT} \\ & & \hline \\ & & \Sigma \text{ Female 10-54 years old who has a history of pregnancy since period January 1 2018 and has received PMT} \end{array}$$

Proportion of Mothers (with a history of pregnancy since January 1, 2018) Receiving PMT and Average Pregnancy Age at First Receiving PMT

The definition of "Age at First Pregnancy Receiving PMT" is the number of months of pregnancy at the first receipt of PMT in Females aged 10-54 years who have had a history of pregnancy since January 1, 2018.

$$\text{Average age of pregnancy for mothers at first receiving PMT} = \frac{\sum \text{months of pregnancy at the first receipt of PMT in Females aged 10-54 years with a history of pregnancy since January 1, 2018}}{\sum \text{Females 10-54 years old with a history of pregnancy since January 1, 2018 and who have received PMT}}$$

Proportion of Reasons for Receiving PMT in Mothers (with a history of pregnancy since January 1, 2018)

The definition of "reasons for receiving PMT" is the types of reasons for receiving PMT among females aged 10-54 years who have had a history of pregnancy since January 1, 2018.

$$\text{Proportion of reasons for receiving PMT among mothers with a history of pregnancy since January 1, 2018} = \frac{\sum \text{Females aged 10-54 years who have had a history of pregnancy since January 1, 2018, and received PMT based on reasons}}{\sum \text{Females 10-54 years old who have had a history of pregnancy since January 1, 2018, and received PMT}}$$

Table 14.11 Proportion of Mothers (with a history of pregnancy since January 1, 2018) Receiving PMT, and Details of Biscuit Program PMT, Local Food PMT, and Other PMT by Province, 2023 SKI

| Province | Mothers receiving PMT | | Weighted N | Mothers receiving PMT Biscuit Program | | Mothers receiving Local Food PMT | | Mothers receiving Other PMT | | Weighted N |
|--------------------|-----------------------|--------------------|---------------|---------------------------------------|--------------------|----------------------------------|--------------------|-----------------------------|-------------------|---------------|
| | % | 95% CI | | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 36.3 | 33.5 - 39.3 | 1,472 | 42.8 | 38.4 - 47.4 | 68.0 | 63.3 - 72.3 | 8.7 | 6.4 - 11.6 | 505 |
| North Sumatra | 30.6 | 28.2 - 33.1 | 3,439 | 94.1 | 92.0 - 95.7 | 20.1 | 17.0 - 23.6 | 7.8 | 5.6 - 10.7 | 994 |
| West Sumatra | 26.9 | 24.5 - 29.3 | 1,565 | 83.8 | 79.0 - 87.6 | 26.4 | 22.0 - 31.3 | 5.0 | 3.1 - 8.1 | 397 |
| Riau | 26.8 | 24.2 - 29.6 | 1,684 | 93.4 | 90.0 - 95.8 | 12.0 | 8.8 - 16.0 | 7.3 | 4.7 - 11.1 | 426 |
| Jambi | 33.7 | 29.9 - 37.6 | 751 | 87.1 | 81.1 - 91.5 | 14.0 | 9.8 - 19.8 | 9.8 | 5.8 - 15.9 | 239 |
| Sumatra Selatan | 31.5 | 28.9 - 34.1 | 2,021 | 95.9 | 94.1 - 97.2 | 7.8 | 5.8 - 10.5 | 3.6 | 2.4 - 5.5 | 601 |
| Bengkulu | 27.6 | 24.1 - 31.3 | 479 | 79.1 | 72.1 - 84.7 | 35.7 | 28.8 - 43.2 | 6.4 | 3.8 - 10.6 | 125 |
| Lampung | 29.8 | 26.6 - 33.2 | 2,473 | 93.2 | 89.2 - 95.8 | 11.6 | 8.5 - 15.6 | 6.3 | 4.0 - 9.7 | 696 |
| Bangka Belitung | 20.9 | 17.6 - 24.7 | 307 | 87.8 | 79.3 - 93.1 | 22.7 | 14.7 - 33.4 | 4.7 | 2.2 - 9.5 | 61 |
| Riau Islands | 18.5 | 14.8 - 22.9 | 647 | 98.9 | 97.1 - 99.6 | 2.0 | 0.7 - 5.3 | 2.4 | 0.6 - 8.5 | 113 |
| DKI Jakarta | 17.4 | 14.3 - 20.9 | 2,581 | 92.8 | 86.8 - 96.2 | 11.6 | 7.0 - 18.5 | 4.6 | 2.3 - 9.2 | 424 |
| West Java | 34.9 | 33.1 - 36.8 | 14,340 | 90.8 | 88.9 - 92.4 | 16.2 | 13.6 - 19.1 | 9.4 | 7.7 - 11.5 | 4,728 |
| Central Java | 41.8 | 39.8 - 43.8 | 9,571 | 87.4 | 85.2 - 89.2 | 20.0 | 17.7 - 22.5 | 13.3 | 11.1 - 15.8 | 3,778 |
| DI Yogyakarta | 38.7 | 33.8 - 43.7 | 743 | 88.3 | 83.0 - 92.2 | 13.8 | 9.6 - 19.3 | 5.4 | 3.0 - 9.4 | 271 |
| East Java | 30.6 | 28.8 - 32.5 | 9,136 | 81.0 | 78.1 - 83.6 | 20.7 | 17.9 - 23.8 | 18.3 | 15.7 - 21.2 | 2,639 |
| Banten | 30.2 | 26.5 - 34.1 | 3,331 | 95.2 | 90.7 - 97.6 | 15.5 | 10.8 - 21.6 | 7.4 | 4.3 - 12.4 | 949 |
| Bali | 23.9 | 20.7 - 27.5 | 988 | 79.9 | 71.2 - 86.5 | 13.1 | 7.4 - 22.2 | 17.4 | 12.2 - 24.3 | 223 |
| West Nusa Tenggara | 37.3 | 33.0 - 41.8 | 1,718 | 57.8 | 51.5 - 63.8 | 50.6 | 43.5 - 57.6 | 15.4 | 10.9 - 21.3 | 606 |
| East Nusa Tenggara | 33.6 | 31.5 - 35.7 | 1,616 | 83.7 | 81.1 - 86.1 | 23.8 | 20.8 - 27.0 | 10.9 | 9.0 - 13.2 | 513 |
| West Kalimantan | 19.8 | 17.1 - 22.9 | 1,330 | 87.6 | 83.5 - 90.9 | 15.5 | 11.9 - 20.0 | 3.2 | 1.6 - 6.2 | 249 |
| Central Kalimantan | 27.2 | 23.5 - 31.2 | 605 | 91.9 | 88.1 - 94.5 | 20.3 | 14.6 - 27.5 | 6.0 | 3.6 - 9.6 | 155 |
| South Kalimantan | 23.0 | 20.3 - 26.0 | 978 | 81.8 | 77.1 - 85.7 | 23.0 | 17.4 - 29.8 | 8.6 | 5.9 - 12.2 | 212 |
| East Kalimantan | 27.9 | 24.5 - 31.5 | 1,042 | 96.8 | 94.8 - 98.0 | 5.2 | 3.3 - 8.2 | 6.2 | 2.9 - 12.9 | 274 |
| North Kalimantan | 16.8 | 12.8 - 21.6 | 219 | 99.1 | 95.7 - 99.8 | 8.1 | 2.2 - 25.6 | 1.6 | 0.4 - 5.9 | 35* |
| North Sulawesi | 35.0 | 31.2 - 39.0 | 545 | 86.8 | 82.4 - 90.3 | 25.9 | 20.9 - 31.7 | 14.6 | 10.2 - 20.6 | 180 |
| Central Sulawesi | 45.4 | 42.2 - 48.6 | 821 | 88.5 | 84.7 - 91.4 | 22.0 | 18.4 - 26.2 | 8.6 | 6.1 - 12.1 | 352 |
| South Sulawesi | 26.1 | 23.9 - 28.3 | 2,668 | 93.6 | 91.2 - 95.4 | 6.4 | 4.5 - 9.0 | 5.8 | 4.2 - 8.0 | 657 |
| Southeast Sulawesi | 31.6 | 28.8 - 34.6 | 746 | 94.6 | 90.8 - 96.9 | 6.8 | 4.5 - 10.1 | 5.4 | 3.3 - 8.9 | 223 |
| Gorontalo | 41.9 | 36.9 - 47.1 | 323 | 76.6 | 70.6 - 81.8 | 40.6 | 33.9 - 47.6 | 19.7 | 14.1 - 26.9 | 128 |
| West Sulawesi | 29.6 | 25.5 - 34.2 | 431 | 89.8 | 83.2 - 94.0 | 7.0 | 3.9 - 12.3 | 12.3 | 6.4 - 22.3 | 121 |
| Maluku | 36.0 | 32.3 - 39.8 | 522 | 92.3 | 87.9 - 95.2 | 10.3 | 7.3 - 14.4 | 5.3 | 3.1 - 9.2 | 178 |
| North Maluku | 27.8 | 23.8 - 32.2 | 349 | 91.8 | 82.9 - 96.3 | 12.6 | 8.5 - 18.1 | 6.6 | 2.5 - 16.3 | 92 |
| West Papua | 29.4 | 22.6 - 37.3 | 153 | 93.1 | 81.9 - 97.6 | 18.9 | 8.9 - 35.6 | 16.8 | 7.2 - 34.6 | 43* |
| Southwest Papua | 33.6 | 28.6 - 39.0 | 205 | 97.4 | 92.9 - 99.1 | 6.4 | 3.5 - 11.6 | 4.5 | 2.7 - 7.3 | 65 |
| Papua | 23.1 | 18.9 - 27.9 | 240 | 94.7 | 89.9 - 97.3 | 17.9 | 11.1 - 27.5 | 13.8 | 7.2 - 24.8 | 52 |
| South Papua | 24.9 | 18.9 - 32.1 | 155 | 78.2 | 63.9 - 87.9 | 31.5 | 20.4 - 45.2 | 8.7 | 4.1 - 17.7 | 36* |
| Central Papua | 22.2 | 11.1 - 39.4 | 381 | 91.7 | 63.1 - 98.6 | 2.3 | 0.8 - 6.6 | 7.9 | 1.2 - 37.2 | 80 |
| Highland Papua | 23.4 | 18.8 - 28.8 | 339 | 99.6 | 97.4 - 99.9 | 7.0 | 4.3 - 11.2 | 2.1 | 0.5 - 8.3 | 75 |
| INDONESIA | 32.1 | 31.4 - 32.7 | 70,916 | 87.1 | 86.3 - 87.8 | 19.2 | 18.2 - 20.2 | 10.4 | 9.7 - 11.2 | 21,495 |

*Weighted N < 50

Table 14.12 Proportion of Mothers (with a history of pregnancy since January 1, 2018) Receiving PMT, and Details of Biscuit Program PMT, Local Food PMT, and Other PMT by Characteristic, 2023 SKI

| Characteristic | Mothers receiving PMT | | Weighted N | Mothers receiving Biscuit Program | | Mothers receiving Local Food PMT | | Mothers receiving Other PMT | | Weighted N |
|--|-----------------------|-------------|------------|-----------------------------------|---------------|----------------------------------|-------------|-----------------------------|-------------|------------|
| | % | 95% CI | | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range | | | | | | | | | | |
| 10-14 | 55.3 | 13.1 - 91.0 | 2 | 100.0 | 100.0 - 100.0 | 0.0 | 0.0 - 0.0 | 0 | 0.0 - 0.0 | 2 |
| 15-19 | 31.5 | 24.4 - 39.6 | 254 | 73.7 | 59.7 - 84.1 | 33.3 | 22.4 - 46.3 | 14.8 | 7.7 - 26.6 | 254 |
| 20-24 | 36.1 | 34.1 - 38.1 | 3,355 | 86.1 | 83.8 - 88.1 | 19.5 | 17.0 - 22.4 | 11.3 | 9.4 - 13.5 | 3,355 |
| 25-29 | 34.7 | 33.5 - 35.8 | 6,690 | 88.3 | 87.1 - 89.5 | 17.8 | 16.3 - 19.5 | 10.1 | 9.0 - 11.4 | 6,690 |
| 30-34 | 31.1 | 30.0 - 32.1 | 5,677 | 86.4 | 85.0 - 87.7 | 20.1 | 18.5 - 21.8 | 11.3 | 9.9 - 12.8 | 5,677 |
| 35-39 | 28.8 | 27.6 - 30.0 | 3,543 | 87.1 | 85.4 - 88.6 | 19.6 | 17.8 - 21.6 | 9.4 | 7.9 - 11.1 | 3,543 |
| 40-44 | 28.6 | 26.9 - 30.4 | 1,611 | 88.3 | 86.0 - 90.2 | 18.3 | 15.8 - 21.1 | 8.9 | 7.1 - 11.3 | 1,611 |
| 45-49 | 26.6 | 23.4 - 30.1 | 321 | 87.6 | 81.6 - 91.9 | 16.2 | 12.0 - 21.6 | 8.9 | 5.2 - 14.8 | 321 |
| 50-54 | 31.5 | 21.6 - 43.3 | 43 | 88.1 | 73.6 - 95.2 | 15.4 | 7.1 - 30.2 | 2.8 | 1.0 - 7.8 | 43 |
| Age Range (Specific) | | | | | | | | | | |
| 10-19 (Teenager) | 31.6 | 24.6 - 39.7 | 857 | 73.9 | 60.0 - 84.2 | 33.0 | 22.2 - 45.9 | 14.7 | 7.6 - 26.4 | 256 |
| 15-49 (WRA) | 32.1 | 31.4 - 32.7 | 70,769 | 87.1 | 86.3 - 87.8 | 19.2 | 18.3 - 20.2 | 10.4 | 9.7 - 11.2 | 21,450 |
| Residence | | | | | | | | | | |
| Urban | 29.1 | 28.3 - 30.0 | 11,208 | 89.2 | 88.3 - 90.1 | 16.4 | 15.1 - 17.7 | 10.2 | 9.2 - 11.2 | 11,208 |
| Rural | 36.1 | 35.0 - 37.1 | 10,287 | 84.8 | 83.5 - 85.9 | 22.3 | 20.9 - 23.7 | 10.7 | 9.6 - 12.0 | 10,287 |
| Education | | | | | | | | | | |
| Never attended school | 26.8 | 23.3 - 30.7 | 297 | 89.0 | 84.0 - 92.6 | 17.5 | 12.7 - 23.6 | 9.4 | 6.3 - 13.8 | 297 |
| Some primary school/Islamic primary school | 32.1 | 28.6 - 35.7 | 784 | 86.5 | 82.5 - 89.7 | 16.9 | 13.4 - 21.0 | 8.3 | 5.7 - 11.9 | 784 |
| Primary school/Islamic primary school graduate | 34.2 | 32.5 - 35.8 | 3,817 | 87.4 | 85.5 - 89.1 | 20.7 | 18.4 - 23.2 | 10.2 | 8.6 - 12.0 | 3,817 |
| Junior secondary school/Islamic junior secondary school graduate/MTS | 35.1 | 33.8 - 36.5 | 5,418 | 86.2 | 84.6 - 87.7 | 20.6 | 18.9 - 22.5 | 11.4 | 10.0 - 13.1 | 5,418 |
| Senior secondary school/Islamic senior secondary school graduate/MA | 32.5 | 31.5 - 33.4 | 8,554 | 87.4 | 86.3 - 88.5 | 18.3 | 17.0 - 19.7 | 10.8 | 9.6 - 12.0 | 8,554 |
| D1/D2/D3/university graduate | 25.0 | 23.8 - 26.3 | 2,626 | 87.3 | 85.3 - 88.9 | 17.9 | 15.8 - 20.1 | 8.4 | 6.9 - 10.2 | 2,626 |
| Occupation | | | | | | | | | | |
| Unemployed | 33.1 | 32.3 - 34.0 | 13,889 | 87.3 | 86.3 - 88.2 | 19.3 | 18.1 - 20.6 | 10.6 | 9.6 - 11.6 | 13,889 |
| Student | 25.0 | 19.9 - 30.7 | 95 | 84.0 | 73.1 - 91.1 | 27.3 | 18.5 - 38.5 | 12.2 | 6.4 - 22.0 | 95 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 23.3 | 20.8 - 26.1 | 463 | 85.8 | 80.7 - 89.6 | 14.8 | 10.9 - 19.7 | 12.8 | 8.2 - 19.5 | 463 |
| Private employee | 27.0 | 25.1 - 29.0 | 1,714 | 91.7 | 89.3 - 93.6 | 14.0 | 11.5 - 16.9 | 8.1 | 6.1 - 10.7 | 1,714 |
| Self-employed | 31.8 | 29.9 - 33.8 | 1,866 | 85.0 | 82.2 - 87.4 | 21.7 | 18.8 - 24.8 | 10.9 | 8.7 - 13.6 | 1,866 |
| Farmer/farm worker | 31.9 | 29.6 - 34.4 | 1,014 | 85.2 | 82.3 - 87.8 | 21.9 | 18.9 - 25.1 | 11.9 | 9.6 - 14.6 | 1,014 |
| Fisher | 33.6 | 14.4 - 60.4 | 18 | 93.1 | 75.4 - 98.3 | 11.2 | 2.9 - 34.5 | 0 | 0.0 - 0.0 | 18 |
| Labor/driver/domestic help | 39.0 | 34.2 - 43.9 | 515 | 85.8 | 78.7 - 90.8 | 23.5 | 17.1 - 31.4 | 9.8 | 6.2 - 15.0 | 515 |
| Other | 32.4 | 30.7 - 34.1 | 1,920 | 85.4 | 83.2 - 87.4 | 18.6 | 16.3 - 21.0 | 10.0 | 8.1 - 12.1 | 1,920 |
| Economic Status | | | | | | | | | | |
| Lowest | 35.9 | 34.2 - 37.6 | 2,985 | 86.7 | 84.9 - 88.3 | 19.9 | 17.9 - 22.1 | 10.3 | 8.8 - 12.1 | 2,985 |
| Lower middle | 37.8 | 36.3 - 39.2 | 4,361 | 85.9 | 84.0 - 87.5 | 20.1 | 18.3 - 22.2 | 11.5 | 9.9 - 13.3 | 4,361 |
| Middle | 34.2 | 32.9 - 35.5 | 4,870 | 85.6 | 84.0 - 87.0 | 20.3 | 18.6 - 22.2 | 10.5 | 9.2 - 12.0 | 4,870 |
| Upper middle | 32.2 | 30.9 - 33.5 | 5,249 | 87.9 | 86.4 - 89.3 | 18.7 | 16.8 - 20.7 | 10.7 | 9.2 - 12.4 | 5,249 |
| Highest | 24.3 | 23.1 - 25.6 | 4,030 | 89.5 | 87.8 - 91.0 | 16.8 | 14.7 - 19.2 | 8.9 | 7.5 - 10.6 | 4,030 |

*Weighted N < 50

Table 14.13 Proportion of Mothers (with a history of pregnancy since January 1, 2018) Receiving PMT and Average Gestational Age at First Receiving PMT by Province, 2023 SKI

| Province | Mother Receiving PMT | | Weighted N | Gestational Age at First Receiving PMT | | Weighted N |
|--------------------|----------------------|--------------------|---------------|--|--------------------|---------------|
| | % | 95% CI | | Average | Standard Deviation | |
| Aceh | 36.3 | 33.5 - 39.3 | 1,472 | 3.1 | 1.5 | 505 |
| North Sumatra | 30.6 | 28.2 - 33.1 | 3,439 | 3.4 | 1.7 | 994 |
| West Sumatra | 26.9 | 24.5 - 29.3 | 1,565 | 4.0 | 1.8 | 397 |
| Riau | 26.8 | 24.2 - 29.6 | 1,684 | 3.5 | 1.7 | 426 |
| Jambi | 33.7 | 29.9 - 37.6 | 751 | 3.4 | 1.6 | 239 |
| Sumatra Selatan | 31.5 | 28.9 - 34.1 | 2,021 | 3.9 | 1.8 | 601 |
| Bengkulu | 27.6 | 24.1 - 31.3 | 479 | 4.3 | 2.0 | 125 |
| Lampung | 29.8 | 26.6 - 33.2 | 2,473 | 4.1 | 1.9 | 696 |
| Bangka Belitung | 20.9 | 17.6 - 24.7 | 307 | 4.1 | 1.8 | 61 |
| Riau Islands | 18.5 | 14.8 - 22.9 | 647 | 4.8 | 1.6 | 113 |
| DKI Jakarta | 17.4 | 14.3 - 20.9 | 2,581 | 4.4 | 1.8 | 424 |
| West Java | 34.9 | 33.1 - 36.8 | 14,340 | 4.0 | 1.9 | 4,728 |
| Central Java | 41.8 | 39.8 - 43.8 | 9,571 | 4.3 | 1.9 | 3,778 |
| DI Yogyakarta | 38.7 | 33.8 - 43.7 | 743 | 4.0 | 2.0 | 271 |
| East Java | 30.6 | 28.8 - 32.5 | 9,136 | 4.1 | 1.9 | 2,639 |
| Banten | 30.2 | 26.5 - 34.1 | 3,331 | 4.1 | 2.0 | 949 |
| Bali | 23.9 | 20.7 - 27.5 | 988 | 4.4 | 1.8 | 223 |
| West Nusa Tenggara | 37.3 | 33.0 - 41.8 | 1,718 | 3.3 | 1.9 | 606 |
| East Nusa Tenggara | 33.6 | 31.5 - 35.7 | 1,616 | 4.4 | 1.9 | 513 |
| West Kalimantan | 19.8 | 17.1 - 22.9 | 1,330 | 4.0 | 1.7 | 249 |
| Central Kalimantan | 27.2 | 23.5 - 31.2 | 605 | 3.7 | 1.7 | 155 |
| South Kalimantan | 23.0 | 20.3 - 26.0 | 978 | 3.9 | 1.9 | 212 |
| East Kalimantan | 27.9 | 24.5 - 31.5 | 1,042 | 4.3 | 2.0 | 274 |
| North Kalimantan | 16.8 | 12.8 - 21.6 | 219 | 4.5 | 1.9 | 35* |
| North Sulawesi | 35.0 | 31.2 - 39.0 | 545 | 4.1 | 1.8 | 180 |
| Central Sulawesi | 45.4 | 42.2 - 48.6 | 821 | 4.0 | 1.8 | 352 |
| South Sulawesi | 26.1 | 23.9 - 28.3 | 2,668 | 4.2 | 1.8 | 657 |
| Southeast Sulawesi | 31.6 | 28.8 - 34.6 | 746 | 4.8 | 1.6 | 223 |
| Gorontalo | 41.9 | 36.9 - 47.1 | 323 | 4.2 | 1.7 | 128 |
| West Sulawesi | 29.6 | 25.5 - 34.2 | 431 | 4.3 | 1.8 | 121 |
| Maluku | 36.0 | 32.3 - 39.8 | 522 | 4.1 | 1.8 | 178 |
| North Maluku | 27.8 | 23.8 - 32.2 | 349 | 4.1 | 1.9 | 92 |
| West Papua | 29.4 | 22.6 - 37.3 | 153 | 3.6 | 1.7 | 43* |
| Southwest Papua | 33.6 | 28.6 - 39.0 | 205 | 3.8 | 1.7 | 65 |
| Papua | 23.1 | 18.9 - 27.9 | 240 | 3.6 | 1.8 | 52 |
| South Papua | 24.9 | 18.9 - 32.1 | 155 | 3.9 | 1.8 | 36* |
| Central Papua | 22.2 | 11.1 - 39.4 | 381 | 4.2 | 1.5 | 80 |
| Highland Papua | 23.4 | 18.8 - 28.8 | 339 | 3.9 | 1.9 | 75 |
| INDONESIA | 32.1 | 31.4 - 32.7 | 70,916 | 4.0 | 1.9 | 21,495 |

*Weighted N < 50

Table 14.14 Proportion of Mothers (with pregnancy history since January 1, 2018) Receiving PMT and Average Gestational Age at First Receiving PMT by Characteristic, 2023 SKI

| Characteristic | Mother Receiving PMT | | Weighted N | Gestational age at first receiving PMT | | Weighted N |
|---|----------------------|-------------|------------|--|-----|------------|
| | % | 95% CI | | Average | SD | |
| Age Range | | | | | | |
| 10-14 | 55.3 | 13.1 - 91.0 | 4 | 4.0 | 1.4 | 2* |
| 15-19 | 31.5 | 24.4 - 39.6 | 853 | 4.4 | 2.2 | 254 |
| 20-24 | 36.1 | 34.1 - 38.1 | 9,851 | 4.2 | 1.9 | 3,355 |
| 25-29 | 34.7 | 33.5 - 35.8 | 20,434 | 4.0 | 1.9 | 6,690 |
| 30-34 | 31.1 | 30.0 - 32.1 | 19,354 | 4.0 | 1.9 | 5,677 |
| 35-39 | 28.8 | 27.6 - 30.0 | 13,042 | 4.0 | 1.9 | 3,543 |
| 40-44 | 28.6 | 26.9 - 30.4 | 5,959 | 4.1 | 1.9 | 1,611 |
| 45-49 | 26.6 | 23.4 - 30.1 | 1,276 | 4.3 | 1.8 | 321 |
| 50-54 | 31.5 | 21.6 - 43.3 | 143 | 4.1 | 1.7 | 43* |
| Age Range (Specific) | | | | | | |
| 10-19 (Teenager) | 31.6 | 24.6 - 39.7 | 857 | 4.4 | 2.2 | 256 |
| 15-49 (WRA) | 32.1 | 31.4 - 32.7 | 70,769 | 4.0 | 1.9 | 21,450 |
| Residence | | | | | | |
| Urban | 29.1 | 28.3 - 30.0 | 40,729 | 4.1 | 1.9 | 11,208 |
| Rural | 36.1 | 35.0 - 37.1 | 30,187 | 4.0 | 1.9 | 10,287 |
| Education | | | | | | |
| Never attended school | 26.8 | 23.3 - 30.7 | 1,171 | 4.0 | 1.7 | 297 |
| Some primary school/Islamic primary school | 32.1 | 28.6 - 35.7 | 2,586 | 4.2 | 1.8 | 784 |
| Primary school/Islamic primary school graduate | 34.2 | 32.5 - 35.8 | 11,827 | 4.1 | 1.9 | 3,817 |
| Junior secondary school/Islamic junior secondary school graduate/ | 35.1 | 33.8 - 36.5 | 16,324 | 4.0 | 1.9 | 5,418 |
| Senior secondary school/Islamic senior secondary school graduate/MA | 32.5 | 31.5 - 33.4 | 27,898 | 4.0 | 1.9 | 8,554 |
| D1/D2/D3/university graduate | 25.0 | 23.8 - 26.3 | 11,110 | 4.0 | 1.9 | 2,626 |
| Occupation | | | | | | |
| Unemployed | 33.1 | 32.3 - 34.0 | 44,394 | 4.0 | 1.9 | 13,889 |
| Student | 25.0 | 19.9 - 30.7 | 404 | 4.2 | 1.9 | 95 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 23.3 | 20.8 - 26.1 | 2,098 | 4.1 | 1.9 | 463 |
| Private employee | 27.0 | 25.1 - 29.0 | 6,715 | 4.1 | 1.9 | 1,714 |
| Self-employed | 31.8 | 29.9 - 33.8 | 6,210 | 4.1 | 1.9 | 1,866 |
| Farmer/farm worker | 31.9 | 29.6 - 34.4 | 3,362 | 4.0 | 1.9 | 1,014 |
| Fisher | 33.6 | 14.4 - 60.4 | 58 | 3.9 | 1.4 | 18* |
| Labor/driver/domestic help | 39.0 | 34.2 - 43.9 | 1,399 | 4.3 | 2.0 | 515 |
| Other | 32.4 | 30.7 - 34.1 | 6,276 | 4.0 | 1.9 | 1,920 |
| Economic Status | | | | | | |
| Lowest | 35.9 | 34.2 - 37.6 | 8,806 | 4.1 | 1.9 | 2,985 |
| Lower middle | 37.8 | 36.3 - 39.2 | 12,229 | 4.0 | 1.9 | 4,361 |
| Middle | 34.2 | 32.9 - 35.5 | 15,071 | 4.0 | 1.9 | 4,870 |
| Upper middle | 32.2 | 30.9 - 33.5 | 17,281 | 4.0 | 1.9 | 5,249 |
| Highest | 24.3 | 23.1 - 25.6 | 17,528 | 4.1 | 2.0 | 4,030 |

*Weighted N < 50

Table 14.15 Proportion of Reasons for Receiving PMT by Mothers (with pregnancy history since January 1, 2018) by Province, 2023 SKI

| Province | Reasons for receiving PMT (%) | | | | | | | Weighted N |
|--------------------|-------------------------------|-------------|-------------------------------|---------------------------------|------------|-------------|-------------|---------------|
| | Maternal malnutrition /KEK | Poor family | Checked pregnancy at Posyandu | No weight gain during pregnancy | Anemia | Unknown | Others | |
| Aceh | 7.5 | 1.1 | 90.3 | 4.3 | 3.6 | 4.1 | 0.6 | 505 |
| North Sumatra | 4.2 | 0.5 | 81.9 | 4.0 | 3.3 | 10.6 | 3.5 | 994 |
| West Sumatra | 13.7 | 0.9 | 69.8 | 7.1 | 4.6 | 11.2 | 5.8 | 397 |
| Riau | 8.9 | 1.0 | 79.9 | 5.7 | 4.2 | 8.0 | 6.0 | 426 |
| Jambi | 9.9 | 1.0 | 77.1 | 7.2 | 4.3 | 12.2 | 7.5 | 239 |
| South Sumatra | 8.0 | 0.6 | 76.7 | 4.1 | 2.6 | 10.4 | 7.3 | 601 |
| Bengkulu | 15.3 | 0.8 | 81.5 | 2.4 | 6.2 | 5.3 | 2.3 | 125 |
| Lampung | 8.3 | 0.9 | 73.6 | 3.4 | 1.5 | 8.4 | 8.0 | 696 |
| Bangka Belitung | 15.4 | 2.2 | 52.0 | 8.7 | 4.2 | 16.9 | 8.1 | 61 |
| Riau Islands | 10.9 | 2.1 | 52.4 | 7.2 | 4.9 | 15.0 | 19.3 | 113 |
| DKI Jakarta | 11.5 | 1.5 | 48.3 | 7.3 | 10.1 | 14.0 | 15.8 | 424 |
| West Java | 8.4 | 0.3 | 64.6 | 4.2 | 3.0 | 18.1 | 9.8 | 4,728 |
| Central Java | 14.0 | 0.5 | 52.5 | 5.0 | 4.9 | 17.5 | 18.3 | 3,778 |
| DI Yogyakarta | 25.6 | 1.6 | 17.7 | 8.3 | 7.0 | 26.3 | 21.5 | 271 |
| East Java | 18.0 | 0.5 | 54.2 | 5.1 | 3.7 | 16.4 | 12.1 | 2,639 |
| Banten | 5.4 | 0.4 | 75.9 | 1.7 | 3.3 | 13.2 | 9.2 | 949 |
| Bali | 6.5 | 0.4 | 50.9 | 1.7 | 5.9 | 13.1 | 23.3 | 223 |
| West Nusa Tenggara | 24.1 | 1.1 | 74.4 | 6.7 | 6.0 | 6.6 | 2.1 | 606 |
| East Nusa Tenggara | 32.3 | 0.6 | 49.5 | 8.5 | 6.9 | 15.1 | 5.3 | 513 |
| West Kalimantan | 12.8 | 0.3 | 70.6 | 6.5 | 4.9 | 12.9 | 3.4 | 249 |
| Central Kalimantan | 11.2 | 1.2 | 78.1 | 8.5 | 4.4 | 10.4 | 2.5 | 155 |
| South Kalimantan | 26.8 | 1.1 | 52.1 | 11.6 | 8.3 | 14.1 | 9.5 | 212 |
| East Kalimantan | 10.1 | 1.4 | 42.4 | 7.2 | 5.3 | 30.6 | 12.6 | 274 |
| North Kalimantan | 37.3 | 3.5 | 21.8 | 13.9 | 5.4 | 13.3 | 12.4 | 35* |
| North Sulawesi | 7.7 | 1.6 | 85.9 | 4.8 | 3.8 | 11.3 | 2.1 | 180 |
| Central Sulawesi | 14.8 | 0.7 | 68.7 | 4.4 | 4.7 | 13.9 | 3.8 | 352 |
| South Sulawesi | 30.3 | 0.5 | 39.6 | 9.9 | 7.3 | 20.2 | 7.8 | 657 |
| Southeast Sulawesi | 19.2 | 0.4 | 64.8 | 8.2 | 3.2 | 14.3 | 3.8 | 223 |
| Gorontalo | 15.5 | 1.2 | 78.5 | 7.2 | 5.6 | 8.7 | 4.2 | 128 |
| West Sulawesi | 31.5 | 2.3 | 34.5 | 11.3 | 5.7 | 20.1 | 8.6 | 121 |
| Maluku | 12.3 | 0.6 | 67.2 | 9.3 | 4.6 | 13.5 | 2.4 | 178 |
| North Maluku | 15.3 | 0.7 | 81.8 | 7.9 | 1.9 | 9.3 | 0.6 | 92 |
| West Papua | 25.6 | 3.1 | 45.1 | 6.6 | 23.6 | 18.8 | 5.6 | 43* |
| Southwest Papua | 11.9 | 0.8 | 75.5 | 4.3 | 5.6 | 12.1 | 2.5 | 65 |
| Papua | 18.8 | 0.6 | 55.3 | 10.2 | 18.9 | 12.3 | 7.4 | 52 |
| South Papua | 21.3 | 2.8 | 69.2 | 6.2 | 11.5 | 10.8 | 0 | 36* |
| Central Papua | 9.5 | 2.0 | 84.8 | 4.0 | 3.0 | 7.4 | 2.7 | 80 |
| Highland Papua | 13.2 | 3.0 | 92.9 | 15.6 | 5.5 | 7.0 | 0 | 75 |
| INDONESIA | 13.2 | 0.1 | 62.5 | 5.3 | 4.3 | 15.1 | 10.2 | 21,495 |

*Weighted N < 50

Table 14.16 Proportion of Reasons for Receiving PMT by Mothers (with pregnancy history since January 1, 2018) by Characteristic, 2023 SKI

| Characteristic | Reasons for Receiving PMT (%) | | | | | | | Weighted N |
|--|-------------------------------|-------------|----------------------------------|------------------------------------|--------|---------|-------|------------|
| | Maternal malnutrition/ KEK | Poor Family | Checked pregnancy at Posyandu | No weight gain during pregnancy | Anemia | Unknown | Other | |
| Age Range | | | | | | | | |
| 10-14 | 65.3 | 0 | 0 | 0 | 0 | 12.6 | 0 | 2* |
| 15-19 | 24.6 | 2.1 | 67.3 | 6.0 | 3.5 | 11.4 | 2.8 | 254 |
| 20-24 | 21.7 | 2.3 | 58.1 | 6.3 | 5.5 | 14.6 | 8.4 | 3,355 |
| 25-29 | 15.1 | 1.7 | 61.6 | 5.4 | 4.1 | 14.8 | 10.0 | 6,690 |
| 30-34 | 9.8 | 1.8 | 63.3 | 5.1 | 4.1 | 16.0 | 11.2 | 5,677 |
| 35-39 | 9.1 | 2.0 | 63.2 | 4.5 | 4.4 | 15.8 | 11.4 | 3,543 |
| 40-44 | 7.7 | 2.8 | 68.5 | 5.0 | 3.8 | 13.7 | 10.2 | 1,611 |
| 45-49 | 8.1 | 2.7 | 67.4 | 6.1 | 2.7 | 13.6 | 7.5 | 321 |
| 50-54 | 8.8 | 1.1 | 73.7 | 3.5 | 7.9 | 15.4 | 3.6 | 43* |
| Age Range | | | | | | | | |
| 10-19 (Teenager) | 24.9 | 2.1 | 66.7 | 6.0 | 3.4 | 11.4 | 2.7 | 256 |
| 15-49 (WRA) | 13.2 | 2.0 | 62.4 | 5.3 | 4.3 | 15.1 | 9.9 | 21,450 |
| Residence | | | | | | | | |
| Urban | 11.5 | 1.3 | 58.5 | 5.1 | 4.6 | 17.6 | 12.2 | 11,208 |
| Rural | 15.1 | 2.7 | 66.8 | 5.5 | 4.0 | 12.4 | 8.0 | 10,287 |
| Education | | | | | | | | |
| Never attended school | 17.8 | 3.0 | 65.4 | 7.1 | 1.7 | 12.5 | 5.9 | 297 |
| Some primary school/Islamic primary school | 14.8 | 4.2 | 60.4 | 5.9 | 3.3 | 18.6 | 8.0 | 784 |
| Primary school/Islamic primary school graduate | 13.2 | 2.9 | 65.2 | 5.9 | 4.4 | 16.2 | 6.8 | 3,817 |
| Junior secondary school/Islamic junior secondary school graduate/MTS | 13.0 | 2.4 | 65.0 | 4.9 | 3.5 | 15.2 | 8.5 | 5,418 |
| Senior secondary school/Islamic senior secondary school graduate/MA | 13.3 | 1.4 | 60.5 | 5.4 | 4.5 | 14.8 | 12.1 | 8,554 |
| D1/D2/D3/university graduate | 12.2 | 0.6 | 59.8 | 4.6 | 6.0 | 13.5 | 13.6 | 2,626 |
| Occupation | | | | | | | | |
| Unemployed | 13.6 | 2.1 | 62.6 | 5.3 | 4.0 | 15.2 | 9.8 | 13,889 |
| Student | 13.2 | 3.2 | 56.0 | 2.1 | 5.6 | 27.1 | 10.3 | 95 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 8.3 | 0.3 | 67.2 | 3.0 | 6.6 | 9.3 | 13.8 | 463 |
| Private employee | 12.1 | 0.8 | 54.6 | 4.1 | 4.6 | 16.7 | 14.6 | 1,714 |
| Self-employed | 10.6 | 1.0 | 60.7 | 3.8 | 5.0 | 16.1 | 12.9 | 1,866 |
| Farmer/farm worker | 12.3 | 3.8 | 69.9 | 4.9 | 4.0 | 11.5 | 7.0 | 1,014 |
| Fisher | 1.9 | 3.2 | 75.9 | 1.1 | 2.4 | 27.3 | | 18* |
| Labor/driver/domestic help | 17.8 | 2.8 | 58.9 | 9.5 | 7.9 | 16.4 | 2.8 | 515 |
| Other | 14.1 | 2.0 | 66.3 | 7.3 | 4.7 | 14.1 | 8.4 | 1,920 |
| Economic Status | | | | | | | | |
| Lowest | 18.9 | 4.7 | 64.4 | 6.5 | 5.0 | 12.9 | 11.2 | 2,985 |
| Lower middle | 15.3 | 3.0 | 61.5 | 5.2 | 3.4 | 17.1 | 11.4 | 4,361 |
| Middle | 13.9 | 1.9 | 63.6 | 5.8 | 4.3 | 13.7 | 10.2 | 4,870 |
| Upper middle | 10.6 | 0.7 | 63.7 | 5.1 | 4.3 | 14.8 | 7.5 | 5,249 |
| Highest | 9.2 | 0.6 | 59.0 | 4.2 | 4.9 | 16.7 | 3.6 | 4,030 |

*Weighted N < 50

Proportion of the Number of Biscuit Program PMT Received and the Main Reasons for Not Consuming by Mothers with Pregnancy History since January 1, 2018

The definition of "the number of Biscuit Program PMT received by mothers" is a certain amount of PMT Program in the form of biscuits received by mothers with pregnancy history since January 1, 2018.

Categories of the number of biscuits program received:

1. 0-30 packs of biscuits
2. 31-89 packs of biscuits
3. ≥ 90 packs of biscuits

$$\text{Proportion of the number of Biscuit Program PMT received by mothers} = \frac{\text{Number of females aged 10-54 years with a history of pregnancy since January 1, 2018, and received Biscuit Program PMT according to the category of the number of biscuits received}}{\text{Number of Females aged 10-54 years who have a history of pregnancy since January 1 2018 and received the Biscuit Program PMT}}$$

The definition of "mothers who did not consume Biscuit Program PMT" is females aged 10-54 years with a history of pregnancy since January 1, 2018, where the number of Biscuit Program PMT consumed is less than the amount received.

$$\text{Proportion of mothers who did not finish the Biscuit Program PMT} = \frac{\text{Number of women aged 10-54 years with a history pregnancy since January 1 2018 who have not completed the Biscuit Program PMT}}{\text{Number of Females aged 10-54 years with a history pregnancy since January 1 2018. Those who received the Biscuit Program PMT}}$$

The definition of "reasons for mothers not consuming Biscuit Program PMT" is the main reasons for females aged 10-54 years not consuming a certain amount of Biscuit Program PMT provided during the pregnancy history since January 1, 2018.

$$\text{Proportion of mothers who did not consume Biscuit Program PMT based on reasons} = \frac{\text{Number of females aged 10-54 years based on the main reasons for not consuming Biscuit Program PMT provided during the pregnancy history since January 1, 2018}}{\text{Number of females aged 10-54 years based on the main reasons for not consuming Biscuit Program PMT provided during the pregnancy history since January 1, 2018}}$$

Table 14.17 Proportion of the Number of Biscuit Program PMT Received by Mothers with Pregnancy History since January 1, 2018, by Province, 2023 SKI

| Province | Amount Received (packs) | | | | Mothers who did not consume all | Weighted N |
|--------------------|-------------------------|------------|------------|------------|---------------------------------|---------------|
| | 0–30 | 31–89 | ≥90 | Unknown | | |
| Aceh | 90.9 | 6.6 | 2.5 | 0 | 28.3 | 213 |
| North Sumatra | 86.0 | 12.5 | 1.5 | 0.1 | 20.4 | 920 |
| West Sumatra | 90.0 | 8.5 | 1.6 | 0 | 28.8 | 327 |
| Riau | 92.4 | 6.1 | 1.5 | 0 | 19.9 | 392 |
| Jambi | 87.3 | 11.6 | 1.1 | 0 | 10.3 | 205 |
| South Sumatra | 92.3 | 4.3 | 3.0 | 0.3 | 12.4 | 566 |
| Bengkulu | 92.5 | 5.3 | 2.1 | 0 | 18.2 | 97 |
| Lampung | 96.7 | 3.0 | 0.3 | 0 | 20.2 | 639 |
| Bangka Belitung | 91.6 | 5.0 | 3.3 | 0 | 23.0 | 52 |
| Riau Islands | 71.7 | 7.8 | 20.5 | 0 | 37.8 | 110 |
| DKI Jakarta | 94.8 | 3.1 | 2.0 | 0 | 30.7 | 387 |
| West Java | 92.2 | 5.3 | 2.2 | 0.2 | 22.8 | 4,221 |
| Central Java | 91.6 | 6.7 | 1.8 | 0 | 33.8 | 3,251 |
| DI Yogyakarta | 76.5 | 17.7 | 5.2 | 0.6 | 39.4 | 235 |
| East Java | 87.6 | 9.6 | 2.8 | 0.1 | 29.7 | 2,105 |
| Banten | 94.6 | 5.4 | 0 | 0 | 19.0 | 890 |
| Bali | 93.3 | 6.3 | 0.4 | 0 | 27.1 | 176 |
| West Nusa Tenggara | 88.7 | 8.6 | 2.8 | 0 | 28.4 | 345 |
| East Nusa Tenggara | 83.5 | 13.8 | 2.7 | 0 | 14.1 | 423 |
| West Kalimantan | 89.7 | 7.5 | 2.8 | 0 | 15.2 | 215 |
| Central Kalimantan | 85.5 | 8.2 | 6.3 | 0 | 24.7 | 141 |
| South Kalimantan | 84.7 | 11.9 | 3.4 | 0 | 28.6 | 171 |
| East Kalimantan | 80.7 | 17.8 | 1.5 | 0 | 45.1 | 261 |
| North Kalimantan | 82.5 | 17.5 | 0 | 0 | 33.1 | 34* |
| North Sulawesi | 91.8 | 3.6 | 4.3 | 0.2 | 33.2 | 154 |
| Central Sulawesi | 94.1 | 5.5 | 0.3 | 0.1 | 25.5 | 307 |
| South Sulawesi | 88.2 | 10.5 | 1.3 | 0 | 26.4 | 606 |
| Southeast Sulawesi | 91.0 | 6.1 | 2.7 | 0.2 | 21.6 | 207 |
| Gorontalo | 91.3 | 8.7 | 0 | 0 | 28.5 | 97 |
| West Sulawesi | 90.1 | 9.7 | 0.2 | 0 | 33.6 | 107 |
| Maluku | 92.5 | 6.2 | 1.1 | 0.3 | 34.3 | 161 |
| North Maluku | 95.4 | 4.5 | 0.1 | 0 | 19.9 | 83 |
| West Papua | 90.7 | 3.4 | 5.8 | 0 | 15.8 | 39* |
| Southwest Papua | 95.2 | 3.7 | 1.1 | 0 | 18.4 | 63 |
| Papua | 92.3 | 4.4 | 3.3 | 0 | 16.9 | 49* |
| South Papua | 83.3 | 12.0 | 4.6 | 0 | 7.6 | 28* |
| Central Papua | 52.4 | 47.6 | 0 | 0 | 7.6 | 72 |
| Highland Papua | 93.6 | 5.7 | 0.7 | 0 | 17.6 | 74 |
| INDONESIA | 90.3 | 7.5 | 2.1 | 0.1 | 25.7 | 18,422 |

*Weighted N < 50

Table 14.18 Proportion of the Number of Biscuit Program PMT Packs Received by Mothers with Pregnancy History since January 1, 2018, by Characteristic, 2023 SKI

| Characteristic | Amount Received (packs) | | | | Mothers who did not consume all | Weighted N |
|--|-------------------------|-------|-----|---------|---------------------------------|------------|
| | 0-30 | 31-89 | ≥90 | Unknown | | |
| Age Range | | | | | | |
| 10-14 | 100.0 | 0 | 0 | 0 | 22.2 | 2 |
| 15-19 | 85.4 | 8.1 | 4.7 | 1.9 | 22.3 | 181 |
| 20-24 | 88.6 | 8.7 | 2.6 | 0.0 | 23.1 | 2,844 |
| 25-29 | 89.6 | 8.0 | 2.3 | 0.1 | 28.2 | 5,818 |
| 30-34 | 90.5 | 7.7 | 1.7 | 0.0 | 26.2 | 4,829 |
| 35-39 | 92.4 | 6.1 | 1.5 | 0.1 | 23.7 | 3,039 |
| 40-44 | 91.2 | 6.1 | 2.3 | 0.3 | 24.4 | 1,396 |
| 45-49 | 93.1 | 4.4 | 2.2 | 0.2 | 27.8 | 276 |
| 50-54 | 91.6 | 6.6 | 1.5 | 0.4 | 17.3 | 37 |
| Age Range | | | | | | |
| 10-19 (Teenager) | 85.5 | 8.0 | 4.6 | 1.8 | 22.3 | 173 |
| 15-49 (WRA) | 90.3 | 7.5 | 2.1 | 0.1 | 25.8 | 18,387 |
| Residence | | | | | | |
| Urban | 89.7 | 8.0 | 2.2 | 0.1 | 28.6 | 9,841 |
| Rural | 91.0 | 7.0 | 2.0 | 0.1 | 22.5 | 8,581 |
| Education | | | | | | |
| Never attended school | 88.9 | 6.4 | 4.7 | 0 | 18.3 | 260 |
| Some primary school/Islamic primary school | 87.1 | 12.0 | 0.8 | 0.1 | 20.7 | 667 |
| Primary school/Islamic primary school graduate | 92.8 | 5.9 | 1.2 | 0.2 | 20.3 | 3,280 |
| Junior secondary school/Islamic junior secondary school graduate/MTS | 90.3 | 7.3 | 2.3 | 0.1 | 23.5 | 4,596 |
| Senior secondary school/Islamic senior secondary school graduate/MA | 89.5 | 8.1 | 2.4 | 0.0 | 28.1 | 7,366 |
| D1/D2/D3/university graduate | 90.4 | 7.4 | 2.0 | 0.2 | 33.0 | 2,252 |
| Occupation | | | | | | |
| Unemployed | 90.8 | 6.9 | 2.2 | 0.1 | 25.1 | 11,929 |
| Student | 91.3 | 7.7 | 1.0 | 0 | 29.2 | 79 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 87.8 | 7.1 | 5.0 | 0.1 | 30.9 | 391 |
| Private employee | 90.5 | 8.0 | 1.3 | 0.2 | 30.0 | 1,545 |
| Self-employed | 88.1 | 9.7 | 2.2 | 0.0 | 28.7 | 1,562 |
| Farmer/farm worker | 87.1 | 11.7 | 1.2 | 0.0 | 18.1 | 851 |
| Fisher | 96.4 | 2.7 | 0.9 | 0 | 2.4 | 17 |
| Labor/driver/domestic help | 93.2 | 4.7 | 1.9 | 0.1 | 26.5 | 434 |
| Other | 89.8 | 8.1 | 2.0 | 0.2 | 26.1 | 1,613 |
| Economic Status | | | | | | |
| Lowest | 89.1 | 9.3 | 1.6 | 0 | 20.1 | 2,549 |
| Lower middle | 89.9 | 7.7 | 2.3 | 0.1 | 22.5 | 3,686 |
| Middle | 90.0 | 7.9 | 1.9 | 0.1 | 23.9 | 4,098 |
| Upper middle | 91.8 | 6.3 | 1.8 | 0.1 | 27.6 | 4,540 |
| Highest | 90.0 | 7.3 | 2.7 | 0.1 | 32.8 | 3,549 |

*Weighted N < 50

Table 14.19 Proportion of Main Reasons for Not Finishing the Biscuit Program PMT in Mothers with Pregnancy History since January 1, 2018, by Characteristic, 2023 SKI

| Characteristic | Main reasons for not finishing the Biscuit Program PMT: (%) | | | | | | | | Weighted N |
|--|---|--------------------------|-------------|-------------------------|--------------|------------|----------------------------------|------------|--------------|
| | Unpleasant taste | Lack of variety in taste | Too sweet | Dislike the aroma/smell | Side effects | Forgot | Eaten by other household members | Other | |
| Age Range | | | | | | | | | |
| 10-14 | 0 | 0 | 0 | 100.0 | 0 | 0 | 0 | 0 | 1* |
| 15-19 | 18.3 | 2.7 | 20.5 | 14.7 | 7.2 | 14.4 | 20.0 | 2.2 | 39* |
| 20-24 | 30.8 | 3.8 | 14.8 | 12.9 | 9.7 | 4.3 | 16.2 | 7.4 | 626 |
| 25-29 | 29.4 | 7.3 | 14.4 | 10.6 | 7.1 | 6.8 | 15.7 | 8.9 | 1,567 |
| 30-34 | 24.9 | 6.7 | 12.5 | 11.2 | 6.7 | 6.5 | 24.2 | 7.2 | 1,207 |
| 35-39 | 23.9 | 5.8 | 16.5 | 9.9 | 3.9 | 3.3 | 28.4 | 8.3 | 687 |
| 40-44 | 21.0 | 5.5 | 14.6 | 9.9 | 3.6 | 5.8 | 32.6 | 6.9 | 326 |
| 45-49 | 24.5 | 1.2 | 10.0 | 9.7 | 13.8 | 5.2 | 22.3 | 13.3 | 73 |
| 50-54 | 7.3 | 0 | 10.9 | 0 | 40.1 | 22.2 | 14.3 | 5.2 | 6* |
| Age Range | | | | | | | | | |
| 10-19 (Teenager) | 18.1 | 2.6 | 20.3 | 15.7 | 7.1 | 14.2 | 19.7 | 2.2 | 40* |
| 15-49 (WRA) | 26.8 | 6.1 | 14.3 | 11.0 | 6.7 | 5.8 | 21.3 | 8.0 | 4,525 |
| Residence | | | | | | | | | |
| Urban | 28.8 | 6.3 | 13.2 | 10.5 | 6.8 | 5.8 | 19.5 | 9.1 | 2,690 |
| Rural | 23.7 | 5.9 | 15.8 | 11.6 | 6.7 | 5.8 | 24.0 | 6.4 | 1,842 |
| Education | | | | | | | | | |
| Never attended school | 41.2 | 3.7 | 8.6 | 4.5 | 5.3 | 5.9 | 28.3 | 2.6 | 45* |
| Some primary school/Islamic primary school | 23.0 | 4.2 | 9.6 | 12.9 | 8.3 | 11.2 | 28.5 | 2.3 | 132 |
| Primary school/Islamic primary school graduate | 20.9 | 4.8 | 14.7 | 9.6 | 6.1 | 7.6 | 29.8 | 6.4 | 637 |
| Junior secondary school/Islamic junior secondary school graduate/MTS | 29.6 | 6.7 | 12.9 | 8.3 | 7.3 | 5.6 | 21.3 | 8.1 | 1,033 |
| Senior secondary school/Islamic senior secondary school graduate/MA | 27.7 | 5.8 | 14.4 | 12.5 | 7.3 | 4.7 | 20.2 | 7.2 | 1,973 |
| D1/D2/D3/university graduate | 25.0 | 7.8 | 16.6 | 11.7 | 4.8 | 6.5 | 14.9 | 12.7 | 712 |
| Occupation | | | | | | | | | |
| Unemployed | 26.3 | 6.2 | 13.8 | 10.6 | 6.6 | 6.4 | 22.1 | 8.0 | 2,863 |
| Student | 17.2 | 6.2 | 23.7 | 18.0 | 4.1 | 1.8 | 20.5 | 8.7 | 22* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 31.2 | 12.6 | 19.3 | 5.4 | 0.6 | 3.5 | 17.4 | 10.1 | 115 |
| Private employee | 24.8 | 4.2 | 16.3 | 12.8 | 9.0 | 5.7 | 11.1 | 15.9 | 443 |
| Self-employed | 31.8 | 6.7 | 9.8 | 10.9 | 7.4 | 4.8 | 24.5 | 4.2 | 429 |
| Farmer/farm worker | 27.8 | 4.1 | 15.3 | 11.4 | 3.5 | 2.0 | 31.1 | 4.9 | 147 |
| Fisher | 38.1 | | 61.9 | | | | | | 0* |
| Labor/driver/domestic help | 33.2 | 6.6 | 18.0 | 6.6 | 2.7 | 4.9 | 22.3 | 5.6 | 110 |
| Other | 23.9 | 6.1 | 16.4 | 13.5 | 9.0 | 5.5 | 21.0 | 4.7 | 403 |
| Economic Status | | | | | | | | | |
| Lowest | 19.9 | 4.0 | 17.9 | 8.5 | 8.5 | 3.4 | 33.8 | 4.1 | 489 |
| Lower middle | 26.5 | 6.4 | 13.4 | 9.8 | 5.9 | 5.0 | 25.8 | 7.3 | 794 |
| Middle | 28.6 | 6.2 | 16.9 | 12.0 | 4.9 | 7.1 | 19.6 | 4.7 | 936 |
| Upper middle | 24.6 | 5.2 | 11.9 | 13.2 | 8.7 | 6.5 | 20.2 | 9.5 | 1,199 |
| Highest | 30.7 | 7.8 | 13.5 | 9.5 | 6.2 | 5.6 | 15.3 | 11.3 | 1,114 |
| INDONESIA | 26.7 | 6.1 | 14.3 | 11.0 | 6.8 | 5.8 | 21.3 | 8.0 | 4,532 |

*Weighted N < 50

Proportion of Local Food Supplement (PMT) Received and Main Reasons for Not Finishing It in Mothers with Pregnancy History since January 1, 2018

Definition: "Amount of local food supplement received by the mother" refers to a specific quantity of the PMT program in the form of local food received by mothers with a pregnancy history since January 1, 2018.

Categories of the amount of local food supplement received:

1. 0-30 portions
2. 31-89 portions
3. ≥ 90 portions

$$\text{Proportion of the amount of local food supplement received by mothers} = \frac{\text{Number of females aged 10-54 years with a pregnancy history since January 1, 2018, who received local food supplement according to the amount received}}{\text{Number of females aged 10-54 years with a pregnancy history since January 1, 2018, who received local food supplement}}$$

Definition: "Mothers who did not finish the local food supplement" refers to females aged 10-54 years with a pregnancy history since January 1, 2018, where the amount of local food supplement consumed is less than the amount received.

$$\text{Proportion of mothers who did not finish the local food supplement} = \frac{\text{Number of females aged 10-54 years with a pregnancy history since January 1, 2018, who did not finish the local food supplement}}{\text{Number of females aged 10-54 years with a pregnancy history since January 1, 2018, who received local food supplement}}$$

Definition: "Reason for mothers not finishing the local food supplement" refers to the main type of reason why females aged 10-54 years did not finish the given amount of local food supplement during their pregnancy history since January 1, 2018.

$$\text{Proportion of reasons for mothers not finishing the local food supplement} = \frac{\text{Number of females aged 10-54 years based on the main reason for not finishing the local food supplement given during pregnancy history since January 1, 2018}}{\text{Number of females aged 10-54 years who did not finish the local food supplement given during pregnancy history since January 1, 2018}}$$

Table 14.20 Proportion of the Amount of Local Food Supplement (PMT) Received by Mothers with Pregnancy History since January 1, 2018, by Characteristic, 2023 SKI

| Characteristic | Amount Received (packs) | | | | Mothers who did not consume all | Weighted N |
|--|-------------------------|------------|------------|------------|---------------------------------|--------------|
| | 0–30 | 31–89 | ≥90 | Unknown | | |
| Age Range | | | | | | |
| 10-14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-19 | 95.5 | 0 | 0.4 | 4.1 | 11.8 | 90 |
| 20-24 | 97.0 | 0.3 | 2.6 | 0.0 | 5.6 | 701 |
| 25-29 | 98.3 | 0.6 | 1.0 | 0.2 | 5.7 | 1,275 |
| 30-34 | 99.0 | 0.0 | 0.7 | 0.2 | 6.3 | 1,222 |
| 35-39 | 99.2 | 0.1 | 0.5 | 0.2 | 3.8 | 744 |
| 40-44 | 98.7 | 0.3 | 0.3 | 0.8 | 7.0 | 315 |
| 45-49 | 96.8 | 0 | 0.5 | 2.7 | 9.0 | 56 |
| 50-54 | 97.9 | 0 | 0 | 2.1 | 8.8 | 7* |
| Age Range | | | | | | |
| 10-19 (Teenager) | 95.5 | 0 | 0.4 | 4.1 | 11.8 | 90 |
| 15-49 (WRA) | 98.4 | 0.3 | 1.0 | 0.3 | 5.8 | 4,403 |
| Residence | | | | | | |
| Urban | 99.1 | 0.1 | 0.6 | 0.2 | 5.1 | 1,834 |
| Rural | 97.8 | 0.4 | 1.3 | 0.4 | 6.4 | 2,291 |
| Education | | | | | | |
| Never attended school | 100.0 | 0 | 0 | 0 | 5.8 | 52 |
| Some primary school/Islamic primary school | 98.8 | 0.6 | 0.1 | 0.5 | 5.4 | 132 |
| Primary school/Islamic primary school graduate | 97.6 | 0.7 | 1.2 | 0.6 | 4.2 | 788 |
| Junior secondary school/Islamic junior secondary school graduate/MTS | 98.7 | 0.3 | 0.9 | 0.1 | 4.5 | 1,118 |
| Senior secondary school/Islamic senior secondary school graduate/MA | 98.3 | 0.1 | 1.3 | 0.3 | 7.5 | 1,565 |
| D1/D2/D3/university graduate | 99.0 | 0 | 0.4 | 0.6 | 6.1 | 469 |
| Occupation | | | | | | |
| Unemployed | 98.6 | 0.3 | 0.9 | 0.2 | 5.7 | 2,685 |
| Student | 89.9 | 0 | 1.3 | 8.8 | 14.1 | 26* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 100.0 | 0 | 0 | 0 | 6.3 | 69 |
| Private employee | 97.7 | 0 | 1.1 | 1.2 | 3.9 | 240 |
| Self-employed | 98.6 | 0 | 1.4 | 0 | 5.9 | 404 |
| Farmer/farm worker | 99.6 | 0.1 | 0 | 0.3 | 2.7 | 222 |
| Fisher | 100.0 | 0 | 0 | 0 | 9.0 | 2* |
| Labor/driver/domestic help | 100.0 | 0 | 0 | 0 | 4.5 | 121 |
| Other | 96.3 | 0.6 | 2.6 | 0.5 | 9.1 | 357 |
| Economic Status | | | | | | |
| Lowest | 97.4 | 0.6 | 2.0 | 0.0 | 6.4 | 595 |
| Lower middle | 97.0 | 0.7 | 2.1 | 0.2 | 8.3 | 879 |
| Middle | 98.9 | 0.2 | 0.5 | 0.5 | 6.5 | 990 |
| Upper middle | 99.2 | 0 | 0.5 | 0.3 | 3.9 | 982 |
| Highest | 99.2 | 0 | 0.3 | 0.5 | 3.8 | 678 |
| INDONESIA | 98.4 | 0.3 | 1.0 | 0.3 | 5.8 | 4,410 |

*Weighted N < 50

Table 14.21 Proportion of Main Reasons for Not Finishing Local Food Supplement (PMT) in Mothers with Pregnancy History since January 1, 2018, by Characteristic, 2023 SKI

| Characteristic | Main reasons for not finishing the Local Food PMT (%) | | | | | | | | Weighted N |
|--|---|--------------------------|------------|-------------------------|--------------|------------|----------------------------------|-------------|------------|
| | Unpleasant taste | Lack of variety in taste | Too sweet | Dislike the aroma/smell | Side effects | Forgot | Eaten by other household members | Other | |
| Age Range | | | | | | | | | |
| 10-14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* |
| 15-19 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100.0 | 12* |
| 20-24 | 6.2 | 1.6 | 2.1 | 34.7 | 6.9 | 12.6 | 14.2 | 21.7 | 43* |
| 25-29 | 8.3 | 4.9 | 9.1 | 13.8 | 1.6 | 4.6 | 35.1 | 22.6 | 80 |
| 30-34 | 5.7 | 18.6 | 6.4 | 8.8 | 8.8 | 8.1 | 26.8 | 16.9 | 84 |
| 35-39 | 8.1 | 12.3 | 8.2 | 7.2 | 10.1 | 7.6 | 35.3 | 11.2 | 31* |
| 40-44 | 10.8 | 13.1 | 4.1 | 0.9 | 3.0 | 34.0 | 13.4 | 20.8 | 24* |
| 45-49 | 3.8 | 19.0 | 4.1 | 5.4 | 0 | 0 | 37.6 | 30.1 | 5* |
| 50-54 | 0 | 0 | 0 | 70.3 | 0 | 29.7 | 0 | 0 | 1* |
| Age Range | | | | | | | | | |
| 10-19 (Teenager) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 100.0 | 12* |
| 15-49 (WRA) | 7.0 | 10.1 | 6.2 | 12.9 | 5.6 | 9.5 | 26.1 | 22.7 | 278 |
| Residence | | | | | | | | | |
| Urban | 4.2 | 14.5 | 5.0 | 9.1 | 4.2 | 11.7 | 23.5 | 27.7 | 108 |
| Rural | 8.6 | 7.3 | 6.9 | 15.5 | 6.4 | 8.1 | 27.6 | 19.5 | 171 |
| Education | | | | | | | | | |
| Never attended school | 0 | 0 | 0 | 0 | 0 | 5.7 | 86.5 | 7.8 | 4* |
| Some primary school/Islamic primary school | 0 | 7.0 | 26.7 | 0 | 8.6 | 11.7 | 39.5 | 6.6 | 8* |
| Primary school/Islamic primary school graduate | 4.2 | 10.1 | 3.7 | 5.7 | 13.9 | 6.7 | 40.9 | 14.7 | 38 |
| Junior secondary school/Islamic junior secondary school graduate | 6.5 | 6.5 | 9.6 | 14.9 | 1.3 | 8.4 | 26.1 | 26.7 | 59 |
| Senior secondary school/Islamic senior secondary school graduate | 6.4 | 8.7 | 5.2 | 17.5 | 5.9 | 11.7 | 16.6 | 28.0 | 137 |
| D1/D2/D3/university graduate | 15.3 | 24.2 | 2.6 | 4.3 | 1.7 | 5.7 | 38.1 | 8.0 | 33 |
| Occupation | | | | | | | | | |
| Unemployed | 7.2 | 8.2 | 5.2 | 12.1 | 6.3 | 10.6 | 24.6 | 25.7 | 180 |
| Student | 0 | 0 | 16.5 | 0 | 0 | 21.2 | 62.3 | 4* | 4* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 0 | 8.8 | 17.4 | 9.7 | 0 | 0 | 44.1 | 20.0 | 5* |
| Private employee | 10.4 | 32.5 | | 13.7 | 6.0 | 8.6 | 24.8 | 4.0 | 11* |
| Self-employed | 7.4 | 12.1 | 2.5 | 6.0 | 2.1 | 10.5 | 39.7 | 19.6 | 28* |
| Farmer/farm worker | 2.9 | 21.6 | 9.2 | 3.2 | 10.4 | 0 | 23.6 | 29.1 | 7* |
| Fisher | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Labor/driver/domestic help | 0 | 0 | 0 | 19.7 | 0 | 0 | 42.3 | 38.0 | 6* |
| Other | 7.8 | 12.0 | 13.2 | 24.9 | 5.7 | 6.9 | 21.4 | 8.0 | 38* |
| Economic Status | | | | | | | | | |
| Lowest | 5.4 | 11.1 | 6.9 | 21.4 | 1.7 | 22.6 | 26.4 | 4.5 | 44* |
| Lower middle | 1.6 | 3.0 | 9.5 | 6.6 | 3.5 | 4.0 | 25.6 | 46.1 | 85 |
| Middle | 13.3 | 5.9 | 3.9 | 24.2 | 7.6 | 7.5 | 23.0 | 14.7 | 75 |
| Upper middle | 5.9 | 12.9 | 5.5 | 6.0 | 5.6 | 14.3 | 31.1 | 18.7 | 45* |
| Highest | 10.1 | 34.9 | 2.3 | 1.6 | 11.8 | 3.7 | 26.8 | 8.8 | 30* |
| INDONESIA | 6.9 | 10.1 | 6.2 | 13.0 | 5.5 | 9.5 | 26 | 22.6 | 279 |

*Weighted N < 50

PROVISION OF SUPPLEMENTARY FOOD (PMT) FOR PREGNANT WOMEN DURING THE CURRENT PREGNANCY QUESTIONS H64 – H67

Proportion of Currently Pregnant Women Receiving PMT, PMT Program Biscuits, Local Food PMT, and Other PMT

Definition of “currently pregnant woman”: A female aged 10-54 years who is pregnant at the time of the interview/data collection.

Definition of “pregnant woman receiving PMT”: A female aged 10-54 years who is pregnant and receiving PMT, including PMT program biscuits, local food PMT, and/or other PMT.

$$\text{Proportion of currently pregnant women receiving PMT} = \frac{\text{Number of pregnant females aged 10-54 years receiving PMT}}{\text{Total number of pregnant females aged 10-54 years}}$$

Definition of “pregnant woman receiving PMT Program Biscuits”: A female aged 10-54 years who is pregnant and receiving PMT program biscuits.

$$\text{Proportion of pregnant women receiving PMT program biscuits} = \frac{\text{Number of pregnant females aged 10-54 years receiving PMT program biscuits}}{\text{Number of pregnant females aged 10-54 years receiving PMT}}$$

Definition of “pregnant woman receiving Local Food PMT”: A female aged 10-54 years who is pregnant and receiving Local Food PMT.

$$\text{Proportion of pregnant women receiving Local Food PMT} = \frac{\text{Number of pregnant females aged 10-54 years receiving Local Food PMT}}{\text{Number of pregnant females aged 10-54 years receiving PMT}}$$

Definition of "pregnant women receiving other supplementary food" refers to females aged 10-54 who are pregnant and receive other types of supplementary food.

$$\text{Proportion of pregnant women receiving other supplementary food} = \frac{\text{Number of pregnant females aged 10-54 receiving other supplementary food}}{\text{Total number of pregnant females aged 10-54 receiving supplementary food}}$$

Table 14.22 Proportion of Currently Pregnant Mothers Receiving PMT by Province, 2023 SKI

| Province | Mothers Receiving PMT | | Weighted N |
|--------------------|-----------------------|--------------------|--------------|
| | % | 95% CI | |
| Aceh | 35.8 | 27.3 - 45.2 | 81 |
| North Sumatra | 23.4 | 15.1 - 34.3 | 219 |
| West Sumatra | 21.7 | 15.5 - 29.6 | 105 |
| Riau | 19.3 | 12.7 - 28.1 | 111 |
| Jambi | 24.4 | 14.4 - 38.2 | 31 |
| South Sumatra | 23.4 | 16.5 - 32.0 | 102 |
| Bengkulu | 22.9 | 13.9 - 35.5 | 28 |
| Lampung | 21.1 | 13.7 - 31.0 | 181 |
| Bangka Belitung | 6.7 | 2.4 - 17.6 | 22 |
| Riau Islands | 1.9 | 0.7 - 5.2 | 62 |
| DKI Jakarta | 3.1 | 0.8 - 11.1 | 164 |
| West Java | 12.6 | 8.9 - 17.6 | 952 |
| Central Java | 31.3 | 26.0 - 37.2 | 703 |
| DI Yogyakarta | 28.9 | 17.1 - 44.6 | 72 |
| East Java | 21.4 | 16.5 - 27.2 | 563 |
| Banten | 6.0 | 1.8 - 18.5 | 187 |
| Bali | 24.1 | 13.5 - 39.2 | 50 |
| West Nusa Tenggara | 30.2 | 21.1 - 41.2 | 120 |
| East Nusa Tenggara | 23.2 | 17.8 - 29.6 | 106 |
| West Kalimantan | 18.1 | 10.8 - 28.9 | 64 |
| Central Kalimantan | 28.4 | 16.0 - 45.3 | 28 |
| South Kalimantan | 23.4 | 15.3 - 33.9 | 64 |
| East Kalimantan | 13.6 | 7.5 - 23.4 | 75 |
| North Kalimantan | 0 | 0 | 13 |
| North Sulawesi | 25.5 | 14.8 - 40.1 | 32 |
| Central Sulawesi | 30.0 | 21.4 - 40.4 | 59 |
| South Sulawesi | 16.3 | 12.1 - 21.6 | 180 |
| Southeast Sulawesi | 22.9 | 15.8 - 32.1 | 46 |
| Gorontalo | 24.6 | 14.0 - 39.6 | 26 |
| West Sulawesi | 22.5 | 13.0 - 36.1 | 42 |
| Maluku | 22.8 | 15.0 - 33.2 | 42 |
| North Maluku | 22.4 | 14.2 - 33.5 | 23 |
| West Papua | 25.3 | 13.0 - 43.3 | 15 |
| Southwest Papua | 14.7 | 5.0 - 35.9 | 13 |
| Papua | 25.0 | 11.8 - 45.2 | 15 |
| South Papua | 7.6 | 3.3 - 16.8 | 9 |
| Central Papua | 27.3 | 15.3 - 44.0 | 23 |
| Highland Papua | 27.1 | 7.3 - 63.6 | 54 |
| INDONESIA | 20.2 | 18.6 - 22.0 | 4,684 |

*Weighted N < 50

Table 14.23 Proportion of currently pregnant mothers receiving PMT, Biscuit Program PMT, Local Food PMT, and Other PMT by Characteristic, 2023 SKI

| Characteristic | Receiving PMT | | Weighted N | | Receiving Biscuit Program PMT | | Receiving Local Food PMT | | Receiving Other PMT | | Weighted N |
|--|---------------|--------------------|--------------|-------------|-------------------------------|-------------|--------------------------|-------------|---------------------|--------------|------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range | | | | | | | | | | | |
| 10-14 | 0 | 0.0 - 0.0 | 1* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-19 | 22.5 | 12.9 - 36.3 | 119 | 63.1 | 33.9 - 85.1 | 44.1 | 17.9 - 74.0 | 22.4 | 6.2 - 55.7 | 29* | |
| 20-24 | 27.5 | 22.4 - 33.2 | 894 | 65.1 | 56.6 - 72.8 | 35.8 | 28.3 - 44.1 | 23.5 | 15.5 - 34.0 | 263 | |
| 25-29 | 20.7 | 17.7 - 24.0 | 1,484 | 69.2 | 61.9 - 75.7 | 28.4 | 22.4 - 35.3 | 20.8 | 15.1 - 28.0 | 329 | |
| 30-34 | 19.1 | 16.3 - 22.3 | 1,202 | 67.4 | 59.3 - 74.6 | 27.8 | 21.4 - 35.3 | 17.3 | 12.5 - 23.5 | 247 | |
| 35-39 | 13.9 | 11.0 - 17.4 | 731 | 63.4 | 54.6 - 71.4 | 32.8 | 24.9 - 41.8 | 13.8 | 9.3 - 20.0 | 109 | |
| 40-44 | 17.2 | 12.1 - 24.0 | 181 | 62.3 | 47.2 - 75.3 | 26.9 | 16.6 - 40.4 | 28.9 | 16.7 - 45.2 | 33* | |
| 45-49 | 10.1 | 2.4 - 33.7 | 43* | 94.0 | 75.5 - 98.8 | 4.8 | 0.7 - 26.5 | 1.2 | 0.2 - 7.9 | 5* | |
| 50-54 | 0.4 | 0.0 - 2.6 | 29* | 0 | 0 | 0 | 0 | 100.0 | 100.0 - 100.0 | 0* | |
| Age Range (Specific) | | | | | | | | | | | |
| 10-19 (Teenager) | 22.3 | 12.8 - 36.0 | 120 | 63.1 | 33.9 - 85.1 | 44.1 | 17.9 - 74.0 | 22.4 | 6.2 - 55.7 | 29* | |
| 15-49 (WRA) | 20.3 | 18.7 - 22.1 | 4,654 | 66.8 | 63.6 - 69.9 | 31.0 | 27.8 - 34.3 | 20.1 | 17.0 - 23.7 | 1,015 | |
| Residence | | | | | | | | | | | |
| Urban | 14.9 | 13.1 - 16.8 | 2,764 | 65.1 | 59.6 - 70.3 | 25.1 | 21.0 - 29.7 | 26.0 | 21.3 - 31.2 | 440 | |
| Rural | 27.9 | 24.8 - 31.2 | 1,920 | 68.1 | 64.2 - 71.7 | 35.4 | 31.0 - 40.1 | 15.7 | 11.6 - 20.9 | 575 | |
| Education | | | | | | | | | | | |
| Never attended school | 17.9 | 8.9 - 32.8 | 94 | 64.6 | 48.4 - 78.0 | 55.1 | 36.4 - 72.4 | 2.2 | 0.4 - 11.7 | 18* | |
| Some primary school/Islamic primary school | 19.1 | 11.8 - 29.4 | 180 | 77.0 | 55.1 - 90.2 | 9.4 | 3.9 - 21.0 | 15.5 | 5.0 - 38.7 | 37* | |
| Primary school/Islamic primary school graduate | 17.2 | 13.4 - 21.8 | 767 | 62.0 | 51.4 - 71.6 | 20.3 | 12.5 - 31.4 | 24.0 | 16.6 - 33.5 | 142 | |
| Junior secondary school/Islamic junior secondary school graduate | 23.8 | 19.8 - 28.3 | 1,034 | 63.2 | 55.9 - 70.0 | 37.4 | 29.7 - 45.7 | 18.0 | 13.4 - 23.6 | 264 | |
| Senior secondary school/Islamic senior secondary school graduate | 20.9 | 18.3 - 23.8 | 1,837 | 68.5 | 62.2 - 74.2 | 32.3 | 26.4 - 38.9 | 21.5 | 15.9 - 28.5 | 411 | |
| D1/D2/D3/university graduate | 17.3 | 14.0 - 21.3 | 772 | 71.0 | 61.3 - 79.0 | 28.1 | 20.5 - 37.1 | 19.7 | 10.8 - 33.2 | 144 | |
| Occupation | | | | | | | | | | | |
| Unemployed | 20.7 | 18.5 - 23.0 | 2,942 | 65.8 | 60.9 - 70.3 | 32.5 | 28.4 - 36.9 | 18.4 | 14.3 - 23.3 | 652 | |
| Student | 18.2 | 6.8 - 40.6 | 45* | 60.0 | 38.6 - 78.2 | 21.0 | 4.7 - 58.9 | 40.0 | 21.8 - 61.4 | 9* | |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 9.6 | 5.0 - 17.6 | 135 | 63.4 | 32.0 - 86.4 | 26.4 | 14.1 - 43.9 | 49.7 | 24.2 - 75.4 | 14* | |
| Private employee | 18.0 | 12.9 - 24.5 | 442 | 69.5 | 56.2 - 80.2 | 28.2 | 18.2 - 41.1 | 16.9 | 10.4 - 26.4 | 85 | |
| Self-employed | 17.4 | 12.2 - 24.2 | 364 | 82.1 | 68.9 - 90.5 | 19.9 | 12.3 - 30.8 | 13.5 | 5.7 - 28.5 | 68 | |
| Farmer/farm worker | 24.9 | 18.2 - 33.1 | 192 | 59.7 | 49.4 - 69.2 | 30.3 | 22.2 - 39.8 | 29.7 | 20.6 - 40.7 | 51 | |
| Fisher | 0 | 0.0 - 0.0 | 3* | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Labor/driver/domestic help | 21.2 | 10.0 - 39.4 | 90 | 85.2 | 50.2 - 97.1 | 44.9 | 13.9 - 80.4 | 11.4 | 1.6 - 50.2 | 20* | |
| Others | 22.8 | 17.9 - 28.4 | 472 | 62.6 | 48.9 - 74.5 | 29.6 | 18.3 - 44.2 | 28.6 | 16.9 - 44.2 | 115 | |
| Economic Status | | | | | | | | | | | |
| Lowest | 29.8 | 24.0 - 36.4 | 614 | 72.8 | 64.4 - 79.8 | 28.1 | 20.6 - 37.0 | 14.1 | 8.4 - 22.8 | 197 | |
| Lower middle | 23.6 | 19.4 - 28.3 | 845 | 54.4 | 46.2 - 62.4 | 37.3 | 28.8 - 46.7 | 25.2 | 17.2 - 35.3 | 214 | |
| Middle | 22.6 | 19.0 - 26.6 | 966 | 65.4 | 58.0 - 72.1 | 27.0 | 20.9 - 34.2 | 22.5 | 17.1 - 29.1 | 234 | |
| Upper middle | 20.6 | 17.1 - 24.6 | 1,077 | 70.9 | 63.2 - 77.6 | 34.7 | 26.9 - 43.4 | 15.6 | 9.3 - 25.1 | 238 | |
| Highest | 10.5 | 8.2 - 13.3 | 1,182 | 73.1 | 61.0 - 82.5 | 25.2 | 17.8 - 34.5 | 24.8 | 15.7 - 36.8 | 133 | |
| INDONESIA | 20.2 | 18.6 – 22.0 | 4,684 | 66.8 | 63.6 - 69.9 | 31.0 | 27.8 - 34.3 | 20.1 | 17.0 - 23.7 | 1,015 | |

*Weighted N < 50

Proportion of Currently Pregnant Mothers Receiving PMT and Average Gestational Age at First Receiving PMT

The definition of "Gestational Age at First Receiving PMT" is the number of months pregnant when first receiving PMT among women aged 10-54 years who were pregnant at the time of the interview/data collection.

| | |
|---|--|
| Average gestational age of mothers at first receiving PMT (current pregnancy) = | Total number of months pregnant at first receiving PMT among pregnant women aged 10-54 years |
| | Total number of pregnant women aged 10-54 years receiving PMT |

Table 14.24 Proportion of Currently Pregnant Mothers Receiving PMT and Average Gestational Age at First Receiving PMT by Characteristic, 2023 SKI

| Characteristic | Receiving PMT | | Weighted N | Gestational Age at First Receiving PMT | | Weighted N |
|--|---------------|--------------------|--------------|--|------------|--------------|
| | % | 95% CI | | Average | SD | |
| Age Range | | | | | | |
| 10-14 | 0 | 0.0 - 0.0 | 1* | 0 | 0 | 0 |
| 15-19 | 22.5 | 12.9 - 36.3 | 119 | 3.2 | 2.0 | 29* |
| 20-24 | 27.5 | 22.4 - 33.2 | 894 | 3.9 | 2.2 | 263 |
| 25-29 | 20.7 | 17.7 - 24.0 | 1,484 | 3.5 | 1.8 | 329 |
| 30-34 | 19.1 | 16.3 - 22.3 | 1,202 | 3.7 | 1.8 | 247 |
| 35-39 | 13.9 | 11.0 - 17.4 | 731 | 4.0 | 1.6 | 109 |
| 40-44 | 17.2 | 12.1 - 24.0 | 181 | 3.8 | 1.5 | 33* |
| 45-49 | 10.1 | 2.4 - 33.7 | 43 | 6.0 | 1.3 | 5* |
| 50-54 | 0.4 | 0.0 - 2.6 | 29 | 5.0 | 0.0 | 0* |
| Age Range (Specific) | | | | | | |
| 10-19 (Teenager) | 22.3 | 12.8 - 36.0 | 120 | 3.2 | 2.0 | 29* |
| 15-49 (WRA) | 20.3 | 18.7 - 22.1 | 4,654 | 3.7 | 1.9 | 1,015 |
| Residence | | | | | | |
| Urban | 14.9 | 13.1 - 16.8 | 2,764 | 3.6 | 1.8 | 440 |
| Rural | 27.9 | 24.8 - 31.2 | 1,920 | 3.8 | 2.0 | 575 |
| Education | | | | | | |
| Never attended school | 17.9 | 8.9 - 32.8 | 94 | 4.2 | 1.1 | 18* |
| Some primary school/Islamic primary school | 19.1 | 11.8 - 29.4 | 180 | 3.8 | 1.6 | 37* |
| Primary school/Islamic primary school graduate | 17.2 | 13.4 - 21.8 | 767 | 3.6 | 1.6 | 142 |
| Junior secondary school/Islamic junior secondary school graduate | 23.8 | 19.8 - 28.3 | 1,034 | 4.0 | 2.1 | 264 |
| Senior secondary school/Islamic senior secondary school graduate | 20.9 | 18.3 - 23.8 | 1,837 | 3.6 | 1.9 | 411 |
| D1/D2/D3/university graduate | 17.3 | 14.0 - 21.3 | 772 | 3.5 | 1.9 | 144 |
| Occupation | | | | | | |
| Unemployed | 20.7 | 18.5 - 23.0 | 2,942 | 3.9 | 1.9 | 652 |
| Student | 18.2 | 6.8 - 40.6 | 45 | 3.3 | 2.2 | 9* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 9.6 | 5.0 - 17.6 | 135 | 2.3 | 1.3 | 14* |
| Private employee | 18.0 | 12.9 - 24.5 | 442 | 3.6 | 1.8 | 85 |
| Self-employed | 17.4 | 12.2 - 24.2 | 364 | 3.0 | 1.7 | 68 |
| Farmer/farm worker | 24.9 | 18.2 - 33.1 | 192 | 3.7 | 1.8 | 51 |
| Fisher | 0 | 0.0 - 0.0 | 3 | 0 | 0 | 0 |
| Labor/driver/domestic help | 21.2 | 10.0 - 39.4 | 90 | 3.2 | 1.5 | 20* |
| Others | 22.8 | 17.9 - 28.4 | 472 | 3.5 | 1.8 | 115 |
| Economic Status | | | | | | |
| Lowest | 29.8 | 24.0 - 36.4 | 614 | 3.9 | 2.1 | 197 |
| Lower middle | 23.6 | 19.4 - 28.3 | 845 | 3.5 | 1.7 | 214 |
| Middle | 22.6 | 19.0 - 26.6 | 966 | 4.0 | 1.8 | 234 |
| Upper middle | 20.6 | 17.1 - 24.6 | 1,077 | 3.6 | 1.9 | 238 |
| Highest | 10.5 | 8.2 - 13.3 | 1,182 | 3.5 | 2.0 | 133 |
| INDONESIA | 20.2 | 18.6 - 22.0 | 4,684 | 3.7 | 1.9 | 1,015 |

*Weighted N < 50

Proportion of Reasons for Receiving PMT among Currently Pregnant Mothers.
The definition of "reasons for pregnant mothers receiving PMT" is the type of reason for receiving PMT among women aged 10-54 years who were pregnant at the time of data collection.

Average gestational age of mothers at first receiving PMT (current pregnancy) =

Total number of months pregnant at first receiving PMT among pregnant women aged 10-54 years
 Total number of pregnant women aged 10-54 years receiving PMT

Table 14.25 Proportion of Reasons for Receiving PMT among Currently Pregnant Mothers by Characteristic, 2023 SKI

| Characteristic | Reasons for Receiving PMT (%) | | | | | | | Weighted N |
|--|-------------------------------|-------------|-------------------------------|---------------------------------|------------|-------------|-------------|--------------|
| | Maternal malnutrition | Poor Family | Checked pregnancy at Posyandu | No weight gain during pregnancy | Anemia | Unkn own | Others | |
| Age Range | | | | | | | | |
| 10-14 | | | | | | | | |
| 15-19 | 18.6 | 5.2 | 74.6 | 14.2 | 1.1 | 3.8 | 3.6 | 29* |
| 20-24 | 25.7 | 2.2 | 59.4 | 8.1 | 6.4 | 11.0 | 12.8 | 263 |
| 25-29 | 20.0 | 2.8 | 63.5 | 4.7 | 4.7 | 10.7 | 13.3 | 329 |
| 30-34 | 11.4 | 3.4 | 63.9 | 3.3 | 8.2 | 10.9 | 17.0 | 247 |
| 35-39 | 13.0 | 6.4 | 68.0 | 2.1 | 5.2 | 15.5 | 6.0 | 109 |
| 40-44 | 17.5 | 0.2 | 66.6 | 17.6 | 7.4 | 4.0 | 14.0 | 33* |
| 45-49 | 1.5 | 1.5 | 81.6 | 1.5 | 0.0 | 16.9 | 0.0 | 5* |
| 50-54 | | | | | | | | |
| Age Range | | | | | | | | |
| 10-19 (Teenager) | 18.6 | 5.2 | 74.6 | 14.2 | 1.1 | 3.8 | 0 | 29* |
| 15-49 (WRA) | 18.4 | 3.2 | 63.5 | 5.6 | 6.0 | 11.0 | 12.2 | 1,015 |
| Residence | | | | | | | | |
| Urban | 18.4 | 3.1 | 60.8 | 4.8 | 6.6 | 11.7 | 15.8 | 440 |
| Rural | 18.4 | 3.2 | 65.6 | 6.3 | 5.5 | 10.4 | 10.8 | 575 |
| Education | | | | | | | | |
| Never attended school | 1.6 | 1.7 | 63.8 | 0.0 | 0.0 | 32.7 | 2.4 | 18* |
| Some primary school/Islamic primary school | 7.4 | 0.2 | 89.8 | 8.8 | 1.4 | 3.8 | 0.3 | 37* |
| Primary school/Islamic primary school graduate | 19.4 | 6.6 | 57.7 | 10.4 | 0.8 | 15.4 | 15.6 | 142 |
| Junior secondary school/Islamic junior secondary school graduate | 18.7 | 2.2 | 68.6 | 5.0 | 4.2 | 7.8 | 13.9 | 264 |
| Senior secondary school/Islamic senior secondary school graduate | 20.2 | 3.8 | 62.6 | 5.0 | 3.8 | 11.8 | 10.9 | 411 |
| D1/D2/D3/university graduate | 16.9 | 0.7 | 55.7 | 4.1 | 7.4 | 9.1 | 19.3 | 144 |
| Occupation | | | | | | | | |
| Unemployed | 17.7 | 3.1 | 66.6 | 5.8 | 3.7 | 11.7 | 11.9 | 652 |
| Student | 12.5 | 8.2 | 38.5 | 0 | 0 | 9.0 | 40.0 | 9* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 21.3 | 0 | 51.8 | 7.1 | 3.7 | 0 | 23.7 | 14* |
| Private employee | 23.6 | 3.1 | 57.7 | 4.2 | 10.0 | 12.8 | 13.1 | 85 |
| Self-employed | 22.4 | 3.6 | 47.6 | 6.9 | 13.4 | 6.2 | 14.6 | 68 |
| Farmer/farm worker | 25.0 | 10.1 | 58.3 | 5.1 | 12.5 | 8.4 | 13.8 | 51 |
| Fisher | | | | | | | | |
| Labor/driver/domestic help | 3.4 | 3.4 | 80.2 | 0.0 | 0.0 | 8.8 | 11.0 | 20* |
| Others | 16.0 | 0.1 | 62.5 | 6.6 | 10.5 | 11.4 | 14.8 | 115 |
| Economic Status | | | | | | | | |
| Lowest | 23.5 | 9.6 | 60.2 | 8.9 | 3.6 | 13.5 | 8.0 | 197 |
| Lower middle | 18.6 | 1.8 | 68.4 | 6.6 | 5.6 | 6.4 | 15.8 | 214 |
| Middle | 16.3 | 3.2 | 67.1 | 4.0 | 7.2 | 12.5 | 14.0 | 234 |
| Upper middle | 20.3 | 0.8 | 57.0 | 5.4 | 6.6 | 13.5 | 12.2 | 238 |
| Highest | 11.0 | 0 | 65.9 | 2.7 | 7.0 | 7.2 | 15.3 | 133 |
| INDONESIA | 18.4 | 3.2 | 63.5 | 5.6 | 6.0 | 11.0 | 13.0 | 1,015 |

*Weighted N < 50

Proportion of Amount of Biscuit Program PMT Received and Main Reasons for Not Consuming It among Currently Pregnant Mothers

The definition of "amount of Biscuit Program PMT received by mothers" is the specific amount of PMT Program biscuits received by mothers who were pregnant at the time of data collection.

Categories of the amount of program biscuits received:

1. 0-30 packs of biscuits
2. 31-89 packs of biscuits
3. ≥ 90 packs of biscuits

Proportion of the amount of Biscuit Program PMT received by pregnant mothers =

Number of pregnant women aged 10-54 years receiving Biscuit Program PMT by category of biscuits received

Total number of pregnant women aged 10-54 years receiving Biscuit Program PMT

The definition of "mothers who did not consume the Biscuit Program PMT" is pregnant women aged 10-54 years who consumed fewer biscuits than the amount received.

Proportion of pregnant mothers who did not consume the Biscuit Program PMT =

Number of pregnant women aged 10-54 years who did not consume the Biscuit Program PMT

Total number of pregnant women aged 10-54 years receiving Biscuit Program PMT

The definition of "reasons for pregnant mothers not consuming the Biscuit Program PMT" is the main reason given by pregnant women aged 10-54 years for not consuming the given PMT biscuits.

Proportion of reasons for pregnant mothers not consuming the Biscuit Program PMT =

Number of pregnant women aged 10-54 years by main reason for not consuming the given Biscuit Program PMT

Total number of pregnant women aged 10-54 years who did not consume the given Biscuit Program PMT

Table 14.26 Proportion of Amount of Biscuit Program PMT Received by Currently Pregnant Mothers by Characteristic, 2023 SKI

| Characteristic | Amount Received (packs) | | | | Mothers who did not consume all | Weighted N |
|--|-------------------------|------------|------------|------------|---------------------------------|------------|
| | 0-30 | 31-89 | ≥90 | Unknown | | |
| Age Range | | | | | | |
| 10-14 | 0 | 0 | 0 | 0 | 0 | 0 |
| 15-19 | 95.3 | 1.6 | 3.1 | 0 | 67.9 | 19* |
| 20-24 | 92.6 | 7.2 | 0.2 | 0 | 38.6 | 177 |
| 25-29 | 93.0 | 3.7 | 3.0 | 0.3 | 29.5 | 236 |
| 30-34 | 84.1 | 10.6 | 5.3 | 0 | 39.2 | 172 |
| 35-39 | 96.6 | 1.5 | 1.9 | 0 | 32.7 | 71 |
| 40-44 | 96.3 | 2.7 | 1.0 | 0 | 30.7 | 22* |
| 45-49 | 100.0 | 0 | 0 | 0 | 0 | 5* |
| 50-54 | 0 | 0 | 0 | 0 | 0 | 0 |
| Age Range | | | | | | |
| 10-19 (Teenager) | 95.3 | 1.6 | 3.1 | 0 | 67.9 | 19* |
| 15-49 (WRA) | 91.3 | 5.9 | 2.7 | 0.1 | 35.4 | 701 |
| Residence | | | | | | |
| Urban | 89.1 | 6.1 | 4.5 | 0.2 | 42.0 | 297 |
| Rural | 92.9 | 5.8 | 1.3 | 0 | 30.5 | 404 |
| Education | | | | | | |
| Never attended school | 99.2 | 0.8 | 0 | 0 | 44.2 | 12* |
| Some primary school/Islamic primary school | 98.4 | 1.6 | 0 | 0 | 32.9 | 29* |
| Primary school/Islamic primary school graduate | 89.9 | 8.3 | 1.1 | 0.8 | 25.8 | 91 |
| Junior secondary school/Islamic junior secondary school graduate | 95.9 | 2.3 | 1.8 | 0 | 36.3 | 172 |
| Senior secondary school/Islamic senior secondary school graduate | 89.4 | 7.9 | 2.7 | 0 | 33.8 | 291 |
| D1/D2/D3/university graduate | 87.3 | 6.2 | 6.5 | 0 | 46.1 | 105 |
| Occupation | | | | | | |
| Unemployed | 89.4 | 7.2 | 3.2 | 0.2 | 36.6 | 443 |
| Student | 86.3 | 13.7 | 0 | 0 | 34.9 | 5* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 87.6 | 6.2 | 6.2 | 0 | 68.9 | 9* |
| Private employee | 93.5 | 6.1 | 0.4 | 0 | 42.1 | 61 |
| Self-employed | 96.2 | 0.9 | 2.9 | 0 | 35.0 | 58 |
| Farmer/farm worker | 91.1 | 4.4 | 4.5 | 0 | 18.0 | 32* |
| Fisher | 0 | 0 | 0 | 0 | 0 | 0* |
| Labor/driver/domestic help | 100.0 | 0 | 0 | 0 | 38.9 | 18* |
| Others | 95.9 | 3.4 | 0.7 | 0 | 25.2 | 75 |
| Economic Status | | | | | | |
| Lowest | 94.6 | 3.0 | 2.3 | 0 | 22.4 | 148 |
| Lower middle | 94.4 | 5.1 | 0.5 | 0 | 35.1 | 120 |
| Middle | 87.4 | 11.2 | 1.3 | 0 | 31.3 | 158 |
| Upper middle | 90.5 | 6.4 | 2.6 | 0.4 | 40.5 | 174 |
| Highest | 90.2 | 1.9 | 7.8 | 0 | 52.3 | 101 |
| INDONESIA | 91.3 | 5.9 | 2.7 | 0.1 | 35.4 | 701 |

*Weighted N < 50

Table 14.27 Proportion of Main Reasons for Not Consuming the Biscuit Program PMT among Currently Pregnant Mothers by Characteristic, 2023 SKI

| Characteristic | Main reasons for not finishing the Biscuit Program PMT (%) | | | | | | | | Weighted N |
|--|--|--------------------------|-------------|-------------------------|--------------|------------|----------------------------------|-------------|------------|
| | Unpleasant taste | Lack of variety in taste | Too sweet | Dislike the aroma/smell | Side effects | Forgot | Eaten by other household members | Others | |
| Age Range | | | | | | | | | |
| 15-19 | 58.0 | 0 | 29.8 | 1.5 | 0 | 3.4 | 0 | 7.3 | 11 |
| 20-24 | 34.5 | 0 | 6.6 | 15.0 | 4.8 | 2.4 | 22.8 | 14.0 | 60 |
| 25-29 | 12.3 | 10.1 | 12.2 | 6.5 | 6.6 | 4.5 | 23.1 | 24.7 | 60 |
| 30-34 | 15.8 | 6.9 | 10.5 | 14.1 | 11.2 | 5.6 | 18.5 | 17.4 | 59 |
| 35-39 | 7.4 | 1.9 | 16.7 | 4.4 | 13.0 | 30.6 | 4.3 | 21.6 | 20 |
| 40-44 | 40.4 | 0 | 20.5 | 10.7 | 0 | 0 | 14.6 | 13.8 | 6 |
| Age Range | | | | | | | | | |
| 10-19 (Teenager) | 58.0 | 0 | 29.8 | 1.5 | 0 | 3.4 | 0 | 7.3 | 11* |
| 15-49 (WRA) | 22.0 | 4.9 | 11.7 | 10.6 | 7.4 | 6.5 | 18.6 | 18.3 | 216 |
| Residence | | | | | | | | | |
| Urban | 18.9 | 4.4 | 11.6 | 10.3 | 7.2 | 11.0 | 15.6 | 21.0 | 108 |
| Rural | 25.1 | 5.4 | 11.9 | 10.9 | 7.7 | 2.0 | 21.5 | 15.5 | 108 |
| Education | | | | | | | | | |
| Never attended school | 71.4 | 0 | 15.5 | 7.2 | 0 | 0 | 5.9 | 0 | 5 |
| Some primary school/Islamic primary school | 32.1 | 0 | 0 | 10.4 | 0 | 22.2 | 0 | 35.3 | 8 |
| Primary school/Islamic primary school graduate | 43.7 | 12.6 | 13.9 | 2.9 | 0 | 6.3 | 13.6 | 7.1 | 20 |
| Junior secondary school/Islamic junior secondary school graduate | 35.4 | | 14.2 | 0.7 | 6.1 | 1.0 | 28.1 | 14.6 | 54 |
| Senior secondary school/Islamic senior secondary school graduate | 7.4 | 6.2 | 10.1 | 19.5 | 11.9 | 9.7 | 18.9 | 16.2 | 86 |
| D1/D2/D3/university graduate | 16.6 | 6.4 | 12.8 | 9.2 | 5.9 | 4.7 | 13.1 | 31.3 | 42 |
| Occupation | | | | | | | | | |
| Unemployed | 19.5 | 2.3 | 10.7 | 13.0 | 9.2 | 4.0 | 18.8 | 22.4 | 141 |
| Student | 79.3 | 0 | 0 | 0 | 0 | 0 | 0 | 20.7 | 2 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 0 | 0 | 47.0 | 32.1 | 9.0 | 0 | 0 | 11.9 | 5 |
| Private employee | 9.1 | 19.1 | 9.3 | 2.0 | 4.2 | 28.7 | 22.3 | 5.3 | 22 |
| Self-employed | 52.8 | 0 | 3.9 | 0 | 0 | 9.2 | 25.5 | 8.6 | 18 |
| Farmer/farm worker | 0 | 25.4 | 15.7 | 0 | 0 | 0 | 41.8 | 17.0 | 5 |
| Labor/driver/domestic help | 100.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 6 |
| Others | 6.9 | 10.8 | 24.7 | 13.6 | 9.9 | 2.3 | 11.6 | 20.1 | 16 |
| Economic Status | | | | | | | | | |
| Lowest | 39.0 | 3.0 | 9.5 | 3.9 | 5.2 | 5.6 | 10.2 | 23.5 | 29 |
| Lower middle | 21.2 | | 10.4 | 4.4 | 1.9 | 2.5 | 45.4 | 14.3 | 37 |
| Middle | 22.0 | 4.6 | 3.0 | 8.4 | 17.4 | 17.8 | 7.2 | 19.5 | 43 |
| Upper middle | 19.5 | 9.5 | 17.4 | 21.7 | 2.8 | 4.8 | 17.9 | 6.4 | 61 |
| Highest | 15.3 | 4.2 | 14.8 | 6.9 | 10.2 | 1.9 | 13.9 | 32.9 | 46 |
| INDONESIA | 22.0 | 4.9 | 11.7 | 10.6 | 7.4 | 6.5 | 18.6 | 18.3 | 216 |

Proportion of Amount of Local Food PMT Received and Main Reasons for Not Consuming It among Currently Pregnant Mothers

The definition of "amount of local food PMT received by mothers" is the specific amount of local food PMT received by mothers who were pregnant at the time of data collection.

Categories of local food PMT received:

1. 0-30 portions
2. 31-89 portions
3. ≥ 90 portions

$$\text{Proportion of the amount of local food PMT received by pregnant mothers} = \frac{\text{Number of pregnant women aged 10-54 years receiving local food PMT by category of portions received}}{\text{Total number of pregnant women aged 10-54 years receiving local food PMT}}$$

The definition of "mothers who did not consume the local food PMT" is pregnant women aged 10-54 years who consumed fewer portions of local food PMT than the amount received.

$$\text{Proportion of pregnant mothers who did not consume the local food PMT} = \frac{\text{Number of pregnant women aged 10-54 years who did not consume the local food PMT}}{\text{Total number of pregnant women aged 10-54 years receiving local food PMT}}$$

The definition of "reasons for pregnant mothers not consuming the local food PMT" is the main reason given by pregnant women aged 10-54 years for not consuming the given local food PMT.

$$\text{Proportion of reasons for pregnant mothers not consuming the local food PMT} = \frac{\text{Number of pregnant women aged 10-54 years by main reason for not consuming the given local food PMT}}{\text{Total number of pregnant women aged 10-54 years who did not consume the given local food PMT}}$$

Table 14.28 Proportion of Amount of Local Food PMT Received by Currently Pregnant Mothers by Characteristic, 2023 SKI

| Characteristic | Amount Received (packs) | | | | Mothers who did not consume all | Weighted N |
|--|-------------------------|------------|------------|----------|---------------------------------|------------|
| | 0–30 | 31–89 | ≥90 | Unknown | | |
| Age Range | | | | | | |
| 15-19 | 100.0 | 0 | 0 | 0 | 14.1 | 12* |
| 20-24 | 89.9 | 10.1 | 0 | 0 | 8.8 | 93 |
| 25-29 | 97.2 | 2.0 | 0.8 | 0 | 13.5 | 92 |
| 30-34 | 93.8 | 0.7 | 5.5 | 0 | 3.8 | 67 |
| 35-39 | 90.2 | 9.8 | 0 | 0 | 11.9 | 35* |
| 40-44 | 97.8 | 2.2 | 0 | 0 | 0 | 9* |
| 45-49 | 100.0 | 0 | 0 | 0 | 0 | 0* |
| Age Range | | | | | | |
| 10-19 (Teenager) | 100.0 | 0 | 0 | 0 | 14.1 | 12* |
| 15-49 (WRA) | 93.6 | 4.9 | 1.4 | 0 | 9.4 | 309 |
| Residence | | | | | | |
| Urban | 96.2 | 3.4 | 0.4 | 0 | 9.4 | 109 |
| Rural | 92.2 | 5.8 | 2.0 | 0 | 9.4 | 200 |
| Education | | | | | | |
| Never attended school | 100.0 | 0 | 0 | 0 | 1.7 | 10* |
| Some primary school/Islamic primary school | 100.0 | 0 | 0 | 0 | 0 | 3* |
| Primary school/Islamic primary school graduate | 93.4 | 0 | 0 | 0 | 11.6 | 28* |
| Junior secondary school/Islamic junior secondary school graduate | 92.7 | 7.0 | 6.6 | 0 | 13.9 | 97 |
| Senior secondary school/Islamic senior secondary school graduate | 94.6 | 5.1 | 0.3 | 0 | 9.0 | 131 |
| D1/D2/D3/university graduate | 90.7 | 4.7 | 0.3 | 0 | 1.2 | 40* |
| Occupation | | | | | | |
| Unemployed | 91.9 | 6.8 | 1.2 | 0 | 11.7 | 209 |
| Student | 100.0 | 0 | 0 | 0 | 0 | 2* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 100.0 | 0 | 0 | 0 | 0 | 4* |
| Private employee | 95.6 | 4.4 | 0 | 0 | 0 | 24* |
| Self-employed | 100.0 | 0 | 0 | 0 | 19.6 | 13* |
| Farmer/farm worker | 100.0 | 0 | 0 | 0 | 10.9 | 15* |
| Fisher | | | | | | |
| Labor/driver/domestic help | 100.0 | 0 | 0 | 0 | 0 | 9* |
| Others | 94.5 | 0 | 5.5 | 0 | 1.4 | 34* |
| Economic Status | | | | | | |
| Lowest | 95.7 | 1.2 | 3.1 | 0 | 10.0 | 54 |
| Lower middle | 97.0 | 0 | 3.0 | 0 | 6.9 | 78 |
| Middle | 95.8 | 4.2 | 0 | 0 | 7.5 | 62 |
| Upper middle | 85.1 | 14.4 | 0.5 | 0 | 15.6 | 81 |
| Highest | 98.9 | 1.1 | 0 | 0 | 2.8 | 33* |
| INDONESIA | 93.6 | 4.9 | 1.4 | 0 | 9.4 | 309 |

*Weighted N < 50

Nationally, the main reasons for currently pregnant mothers not consuming the local food PMT are as follows: 4.2% found the taste unpleasant, 7.1% felt the taste lacked variety, and 14.2% disliked the smell or aroma. Additionally, 15.5% experienced side effects, 2.3% forgot to consume it, and 40.3% reported that the PMT was eaten by other household members. Other reasons accounted for 16.4%. These findings are based on a weighted sample size of 25.

14.3 IRON FOLIC ACID (IFA) TABLETS FOR PREGNANT WOMEN

A. Iron Folic Acid (IFA) Tablets for Pregnant Women

The provision of iron folic acid (IFA) tablets is an important and effective measure to prevent and treat anemia caused by iron and/or folic acid deficiency. IFA tablets are given to women of childbearing age and pregnant women. Pregnant women are given IFA tablets daily throughout their pregnancy or a minimum of 90 tablets (MOH 2020). Data on the provision of IFA tablets to pregnant women aims to understand the consumption of IFA by pregnant women as a risk factor for anemia and to determine the coverage of pregnant women receiving IFA tablets. In the 2023 Indonesia Health Survey, the IFA for pregnant women is categorized into two types:

1. IFA received and consumed based on history within the last 5 years (January 1, 2018, until the interview) for the last pregnancy.
2. IFA received and consumed during the current pregnancy (at the time of data collection, the mother was pregnant).

HISTORY OF PREGNANT WOMEN RECEIVING IRON FOLIC ACID TABLETS

1. Proportion of History of Pregnant Women Receiving IFA

Definition:

IFA received based on history during the last pregnancy within the last 5 years (January 1, 2018, until the interview).

$$\text{Proportion of History of Pregnant Women Receiving IFA} = \frac{\text{Number of women aged 10-54 years who received IFA during their last pregnancy (who gave birth between January 1, 2018, and the interview)}}{\text{Number of women aged 10-54 years who gave birth during the same period}}$$

2. Proportion of Sources of IFA Acquisition for Pregnant Women

Sources of IFA acquisition include IFA Program and IFA obtained independently. IFA Program refers to IFA provided by the government and distributed to target groups through government health facilities (as illustrated in the visual aids/examples). Independent IFA refers to nutritional supplements acquired based on prescriptions/instructions from health workers, self-purchased from private health facilities/pharmacies/drug stores, or given by family/others.

$$\text{Proportion of Sources of IFA Acquisition} = \frac{\text{Number of women aged 10-54 years who received IFA during their last pregnancy (who gave birth between January 1, 2018, and the interview), by source of acquisition}}{\text{Number of women aged 10-54 years who received IFA during their last pregnancy (who gave birth between January 1, 2018, and the interview)}}$$

Table 14.29 Proportion of Women Aged 10-54 Years Receiving IFA and Source of Acquisition (During Last Pregnancy) by Province, 2023 SKI

| Province | Had Obtained IFA | | Weighted N | Program IFA | | Self-obtained IFA | | Weighted N |
|--------------------|------------------|--------------------|---------------|-------------|--------------------|-------------------|--------------------|---------------|
| | % | 95% CI | | % | 95% CI | % | 95% CI | |
| Aceh | 89.5 | 88.0 - 90.8 | 1,472 | 92.7 | 91.3 - 94.0 | 15.3 | 13.5 - 17.3 | 1,298 |
| North Sumatra | 82.2 | 79.8 - 84.3 | 3,439 | 85.0 | 82.9 - 86.9 | 20.1 | 18.0 - 22.5 | 2,785 |
| West Sumatra | 93.4 | 92.0 - 94.6 | 1,565 | 94.9 | 93.3 - 96.2 | 11.3 | 9.6 - 13.3 | 1,441 |
| Riau | 87.1 | 84.9 - 89.0 | 1,684 | 83.0 | 80.1 - 85.6 | 22.3 | 19.1 - 25.7 | 1,446 |
| Jambi | 94.1 | 92.0 - 95.7 | 751 | 94.3 | 92.1 - 96.0 | 8.6 | 6.6 - 11.3 | 697 |
| South Sumatra | 87.2 | 85.1 - 89.0 | 2,021 | 91.7 | 89.6 - 93.3 | 10.8 | 9.0 - 13.0 | 1,738 |
| Bengkulu | 92.4 | 90.3 - 94.1 | 479 | 91.4 | 88.8 - 93.4 | 13.6 | 11.1 - 16.6 | 436 |
| Lampung | 92.8 | 91.1 - 94.2 | 2,473 | 93.3 | 90.9 - 95.1 | 8.7 | 6.7 - 11.2 | 2,262 |
| Bangka Belitung | 88.0 | 84.7 - 90.6 | 307 | 95.0 | 92.6 - 96.6 | 10.7 | 8.4 - 13.6 | 266 |
| Riau Islands | 88.1 | 84.3 - 91.1 | 647 | 71.8 | 62.8 - 79.3 | 29.6 | 22.0 - 38.5 | 562 |
| DKI Jakarta | 90.7 | 88.0 - 92.9 | 2,581 | 88.5 | 83.8 - 91.9 | 15.3 | 11.5 - 20.2 | 2,309 |
| West Java | 93.4 | 92.4 - 94.3 | 14,340 | 86.6 | 84.9 - 88.1 | 17.0 | 15.3 - 18.8 | 13,209 |
| Central Java | 97.1 | 96.4 - 97.6 | 9,571 | 94.4 | 93.4 - 95.2 | 11.0 | 9.8 - 12.4 | 9,160 |
| DI Yogyakarta | 95.1 | 92.8 - 96.6 | 743 | 93.4 | 90.0 - 95.6 | 12.9 | 9.7 - 17.0 | 697 |
| East Java | 94.2 | 93.3 - 95.1 | 9,136 | 91.0 | 89.6 - 92.3 | 13.2 | 11.7 - 14.8 | 8,489 |
| Banten | 93.7 | 91.7 - 95.2 | 3,331 | 93.7 | 91.4 - 95.4 | 11.3 | 8.8 - 14.4 | 3,076 |
| Bali | 96.4 | 94.5 - 97.6 | 988 | 79.9 | 75.9 - 83.4 | 25.8 | 22.0 - 29.9 | 939 |
| West Nusa Tenggara | 97.8 | 96.5 - 98.6 | 1,718 | 98.6 | 96.7 - 99.4 | 5.5 | 4.0 - 7.6 | 1,656 |
| East Nusa Tenggara | 95.7 | 94.7 - 96.5 | 1,616 | 98.8 | 98.1 - 99.2 | 3.0 | 2.3 - 3.8 | 1,525 |
| West Kalimantan | 88.9 | 86.3 - 91.1 | 1,330 | 96.6 | 95.2 - 97.6 | 5.9 | 4.6 - 7.6 | 1,166 |
| Central Kalimantan | 85.9 | 82.8 - 88.5 | 605 | 92.5 | 89.4 - 94.8 | 10.9 | 8.3 - 14.2 | 512 |
| South Kalimantan | 94.8 | 93.2 - 96.1 | 978 | 93.2 | 91.4 - 94.7 | 11.0 | 9.0 - 13.3 | 914 |
| East Kalimantan | 90.8 | 88.6 - 92.6 | 1,042 | 94.0 | 92.1 - 95.4 | 11.7 | 9.6 - 14.2 | 933 |
| North Kalimantan | 93.4 | 90.8 - 95.2 | 219 | 96.9 | 94.5 - 98.3 | 4.9 | 3.1 - 7.6 | 202 |
| North Sulawesi | 87.8 | 84.6 - 90.5 | 545 | 94.8 | 92.6 - 96.4 | 8.0 | 6.1 - 10.5 | 472 |
| Central Sulawesi | 92.4 | 90.9 - 93.8 | 821 | 97.5 | 95.8 - 98.5 | 5.4 | 3.9 - 7.4 | 748 |
| South Sulawesi | 94.4 | 93.1 - 95.4 | 2,668 | 97.0 | 95.8 - 97.9 | 5.5 | 4.4 - 6.9 | 2,483 |
| Southeast Sulawesi | 88.4 | 86.4 - 90.1 | 746 | 96.4 | 94.3 - 97.7 | 4.7 | 3.2 - 6.7 | 650 |
| Gorontalo | 93.5 | 90.9 - 95.4 | 323 | 99.3 | 98.5 - 99.7 | 4.4 | 3.0 - 6.5 | 298 |
| West Sulawesi | 94.6 | 92.2 - 96.3 | 431 | 98.3 | 97.0 - 99.1 | 2.6 | 1.7 - 4.1 | 402 |
| Maluku | 84.9 | 81.8 - 87.5 | 522 | 99.0 | 97.8 - 99.5 | 1.9 | 1.1 - 3.1 | 437 |
| North Maluku | 87.5 | 84.5 - 90.0 | 349 | 99.6 | 99.0 - 99.8 | 1.5 | 0.8 - 2.9 | 302 |
| West Papua | 84.1 | 79.4 - 87.9 | 153 | 96.3 | 93.6 - 97.8 | 7.4 | 4.8 - 11.2 | 127 |
| Southwest Papua | 79.2 | 74.8 - 83.1 | 205 | 93.8 | 90.4 - 96.1 | 9.5 | 6.7 - 13.4 | 160 |
| Papua | 87.6 | 83.6 - 90.8 | 240 | 95.3 | 92.3 - 97.1 | 7.4 | 5.0 - 11.0 | 207 |
| South Papua | 86.8 | 80.8 - 91.1 | 155 | 99.2 | 98.0 - 99.7 | 1.5 | 0.7 - 3.1 | 133 |
| Central Papua | 45.2 | 28.6 - 62.9 | 381 | 97.5 | 94.6 - 98.8 | 4.2 | 2.3 - 7.3 | 170 |
| Highland Papua | 52.7 | 43.5 - 61.6 | 339 | 99.8 | 98.9 - 100.0 | .9 | 0.2 - 3.1 | 176 |
| INDONESIA | 92.2 | 91.8 - 92.6 | 70,916 | 91.4 | 90.9 - 91.9 | 12.7 | 12.1 - 13.2 | 64,484 |

**Table 14.30 Proportion of Women Aged 10-54 Years Receiving IFA and Source of Acquisition
(During Last Pregnancy) by Characteristic, 2023 SKI**

| Characteristic | Had Obtained IFA | | Weighted N | Program IFA | | Self-obtained IFA | | Weighted N |
|--|------------------|-------------|------------|-------------|---------------|-------------------|-------------|------------|
| | % | 95% CI | | % | 95% CI | % | 95% CI | |
| Age Range | | | | | | | | |
| 10 – 14 | 96.7 | 75.7 - 99.6 | 4 | 100.0 | 100.0 - 100.0 | 8.1 | 4.5 - 14.2 | 4* |
| 15 – 19 | 81.2 | 65.5 - 90.7 | 853 | 93.4 | 87.2 - 96.7 | 10.0 | 8.8 - 11.5 | 683 |
| 20 – 24 | 93.1 | 92.0 - 94.1 | 9,851 | 93.4 | 92.1 - 94.5 | 12.8 | 11.9 - 13.8 | 9,044 |
| 25 – 29 | 93.6 | 93.0 - 94.2 | 20,434 | 91.4 | 90.5 - 92.1 | 13.5 | 12.7 - 14.4 | 18,860 |
| 30 – 34 | 92.1 | 91.5 - 92.7 | 19,354 | 91.0 | 90.3 - 91.7 | 13.6 | 12.6 - 14.7 | 17,578 |
| 35 – 39 | 91.9 | 91.3 - 92.6 | 13,042 | 90.3 | 89.2 - 91.2 | 12.5 | 11.1 - 14.0 | 11,823 |
| 40 – 44 | 91.1 | 90.0 - 92.0 | 5,959 | 91.4 | 90.1 - 92.5 | 11.2 | 8.6 - 14.5 | 5,349 |
| 45 – 49 | 82.3 | 79.6 - 84.8 | 1,276 | 91.5 | 88.2 - 93.9 | 4.3 | 2.1 - 8.7 | 1,036 |
| 50 – 54 | 76.8 | 64.4 - 85.8 | 143 | 97.9 | 94.3 - 99.3 | 8.1 | 4.5 - 14.2 | 109 |
| Age Range (Specific) | | | | | | | | |
| 10 - 19 (Teenager) | 81.2 | 65.6 - 90.8 | 857 | 93.5 | 87.3 - 96.8 | 8.0 | 4.5 - 14.1 | 686 |
| 15 - 49 (WRA) | 92.3 | 91.9 - 92.6 | 70,769 | 91.4 | 90.9 - 91.8 | 12.7 | 12.1 - 13.2 | 64,372 |
| Education | | | | | | | | |
| Never attended school | 79.4 | 76.4 - 82.2 | 1,171 | 94.0 | 89.4 - 96.6 | 7.5 | 4.6 - 11.9 | 917 |
| Some primary school | 87.5 | 82.0 - 91.6 | 2,586 | 95.1 | 92.9 - 96.6 | 7.0 | 5.3 - 9.3 | 2,232 |
| Primary school graduate | 92.6 | 91.8 - 93.4 | 11,827 | 94.8 | 93.9 - 95.6 | 8.0 | 7.0 - 9.1 | 10,802 |
| Junior secondary school graduate | 93.6 | 93.0 - 94.1 | 16,324 | 93.1 | 92.2 - 93.8 | 10.2 | 9.2 - 11.2 | 15,060 |
| Senior secondary school graduate | 92.7 | 92.2 - 93.2 | 27,898 | 90.4 | 89.6 - 91.1 | 13.9 | 13.1 - 14.7 | 25,501 |
| D1/D2/D3/university graduate | 91.0 | 90.2 - 91.8 | 11,110 | 86.8 | 85.7 - 87.9 | 20.1 | 18.9 - 21.4 | 9,972 |
| Occupation | | | | | | | | |
| Unemployed | 92.5 | 92.0 - 93.0 | 3,328 | 91.7 | 91.1 - 92.3 | 11.8 | 11.2 - 12.5 | 40,489 |
| Student | 90.2 | 85.6 - 93.5 | 39 | 92.3 | 87.8 - 95.2 | 13.1 | 8.7 - 19.1 | 359 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 90.9 | 88.9 - 92.6 | 190 | 87.5 | 85.2 - 89.6 | 20.1 | 17.7 - 22.7 | 1,881 |
| Private employee | 91.8 | 90.4 - 92.9 | 554 | 87.3 | 85.7 - 88.7 | 18.3 | 16.7 - 20.1 | 6,075 |
| Self-employed | 93.4 | 92.3 - 94.3 | 411 | 90.8 | 89.5 - 92.0 | 14.4 | 12.9 - 16.0 | 5,718 |
| Farmer/farm worker | 87.7 | 86.2 - 89.1 | 412 | 96.3 | 95.1 - 97.2 | 7.4 | 6.0 - 9.2 | 2,908 |
| Fisher | 81.6 | 66.4 - 90.9 | 11 | 87.6 | 65.4 - 96.4 | 13.1 | 4.1 - 35.0 | 47* |
| Labor/driver/domestic help | 93.7 | 91.2 - 95.6 | 88 | 91.6 | 88.2 - 94.1 | 12.6 | 9.6 - 16.5 | 1,293 |
| Others | 92.4 | 91.5 - 93.2 | 479 | 93.0 | 91.5 - 94.2 | 10.9 | 9.5 - 12.5 | 5,715 |
| Residence | | | | | | | | |
| Urban | 92.0 | 91.5 - 92.4 | 40,729 | 88.6 | 87.9 - 89.3 | 15.7 | 14.9 - 16.5 | 36,936 |
| Rural | 92.6 | 92.0 - 93.1 | 30,187 | 95.1 | 94.5 - 95.6 | 8.6 | 8.0 - 9.3 | 27,548 |
| Economic Status | | | | | | | | |
| Lowest | 88.8 | 87.1 - 90.2 | 8,806 | 96.1 | 95.1 - 96.9 | 5.7 | 4.8 - 6.7 | 7,706 |
| Lower middle | 93.5 | 92.8 - 94.0 | 12,229 | 94.6 | 93.7 - 95.3 | 8.6 | 7.7 - 9.6 | 11,268 |
| Middle | 93.7 | 93.0 - 94.3 | 15,071 | 93.4 | 92.5 - 94.1 | 10.3 | 9.4 - 11.3 | 13,916 |
| Upper middle | 93.6 | 93.0 - 94.2 | 17,281 | 91.4 | 90.5 - 92.3 | 13.1 | 12.1 - 14.1 | 15,948 |
| Highest | 90.5 | 89.7 - 91.3 | 17,528 | 85.0 | 83.8 - 86.1 | 20.7 | 19.4 - 21.9 | 15,646 |

*Weighted N < 50

2. Distribution of Average Gestational Age at First Acquisition/Purchase of IFA

Definition: Gestational age at the first acquisition/purchase of IFA tablets.

Table 14.31 Distribution of Gestational Age (during last pregnancy) at First Acquisition/Purchase of IFA by Province, 2023 SKI

| Province | Average Gestational Age at First Acquisition/Purchase of IFA | | | | | | Weighted N | |
|-------------------------|--|--------------------|------------------------------|--------------------|------------------------------|------------------|---------------|--|
| | Trimester 1 (1-12 Weeks) | | Trimester 2 (13-24 Weeks) | | Trimester 3 (25-40 Weeks) | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 74.5 | 72.0 - 76.8 | 22.8 | 20.6 - 25.3 | 2.7 | 2.0 - 3.5 | 1,298 | |
| North Sumatra | 72.6 | 69.9 - 75.1 | 23.1 | 20.8 - 25.7 | 4.3 | 3.3 - 5.6 | 2,785 | |
| West Sumatra | 72.7 | 70.0 - 75.2 | 24.1 | 21.8 - 26.7 | 3.2 | 2.2 - 4.5 | 1,441 | |
| Riau | 69.2 | 66.3 - 72.1 | 26.9 | 24.3 - 29.8 | 3.8 | 2.9 - 5.1 | 1,446 | |
| Jambi | 71.2 | 67.3 - 74.8 | 26.9 | 23.4 - 30.8 | 1.8 | 1.1 - 3.2 | 697 | |
| South Sumatra | 60.8 | 57.7 - 63.8 | 32.0 | 29.2 - 34.9 | 7.3 | 5.7 - 9.2 | 1,738 | |
| Bengkulu | 59.4 | 55.0 - 63.7 | 35.1 | 31.0 - 39.3 | 5.5 | 4.0 - 7.5 | 436 | |
| Lampung | 66.6 | 63.2 - 69.8 | 30.8 | 27.6 - 34.2 | 2.6 | 1.9 - 3.7 | 2,262 | |
| Bangka Belitung Islands | 73.7 | 69.6 - 77.5 | 22.5 | 19.0 - 26.5 | 3.7 | 2.5 - 5.6 | 266 | |
| Riau Islands | 64.4 | 57.4 - 70.8 | 32.1 | 25.8 - 39.1 | 3.6 | 2.1 - 6.1 | 562 | |
| DKI Jakarta | 69.1 | 64.5 - 73.4 | 24.4 | 20.4 - 28.8 | 6.5 | 4.5 - 9.4 | 2,309 | |
| West Java | 64.9 | 62.9 - 66.9 | 28.9 | 27.1 - 30.8 | 6.2 | 5.2 - 7.2 | 13,209 | |
| Central Java | 67.5 | 65.6 - 69.4 | 28.5 | 26.8 - 30.4 | 3.9 | 3.3 - 4.7 | 9,160 | |
| DI Yogyakarta | 54.9 | 49.2 - 60.5 | 37.4 | 32.0 - 43.1 | 7.7 | 5.4 - 10.8 | 697 | |
| East Java | 70.7 | 68.8 - 72.5 | 25.1 | 23.5 - 26.9 | 4.2 | 3.5 - 5.0 | 8,489 | |
| Banten | 73.4 | 70.2 - 76.4 | 21.3 | 18.7 - 24.1 | 5.3 | 3.9 - 7.2 | 3,076 | |
| Bali | 63.8 | 59.2 - 68.1 | 33.3 | 29.3 - 37.5 | 3.0 | 1.9 - 4.5 | 939 | |
| West Nusa Tenggara | 77.5 | 74.3 - 80.3 | 20.0 | 17.2 - 23.1 | 2.5 | 1.7 - 3.8 | 1,656 | |
| East Nusa Tenggara | 63.3 | 60.9 - 65.6 | 31.6 | 29.4 - 33.8 | 5.1 | 4.3 - 6.2 | 1,525 | |
| West Kalimantan | 66.9 | 63.4 - 70.2 | 28.7 | 25.7 - 32.0 | 4.4 | 3.1 - 6.1 | 1,166 | |
| Central Kalimantan | 58.2 | 54.0 - 62.3 | 35.7 | 31.7 - 39.9 | 6.1 | 4.4 - 8.3 | 512 | |
| South Kalimantan | 55.5 | 52.2 - 58.8 | 38.7 | 35.6 - 41.9 | 5.8 | 4.5 - 7.6 | 914 | |
| East Kalimantan | 69.3 | 65.4 - 73.0 | 26.1 | 22.8 - 29.7 | 4.6 | 3.3 - 6.2 | 933 | |
| North Kalimantan | 59.8 | 53.7 - 65.7 | 30.3 | 25.1 - 36.1 | 9.9 | 6.7 - 14.3 | 202 | |
| North Sulawesi | 48.3 | 44.0 - 52.8 | 44.9 | 40.5 - 49.2 | 6.8 | 5.0 - 9.2 | 472 | |
| Central Sulawesi | 60.8 | 57.6 - 63.9 | 32.1 | 29.2 - 35.0 | 7.1 | 5.5 - 9.2 | 748 | |
| South Sulawesi | 65.2 | 62.7 - 67.7 | 29.1 | 26.9 - 31.3 | 5.7 | 4.5 - 7.2 | 2,483 | |
| Southeast Sulawesi | 35.8 | 32.7 - 39.1 | 54.2 | 50.8 - 57.6 | 10.0 | 8.4 - 11.8 | 650 | |
| Gorontalo | 48.4 | 43.5 - 53.3 | 45.7 | 40.7 - 50.8 | 5.9 | 4.3 - 8.1 | 298 | |
| West Sulawesi | 61.4 | 56.6 - 65.9 | 34.4 | 29.9 - 39.1 | 4.3 | 2.9 - 6.2 | 402 | |
| Maluku | 49.9 | 45.6 - 54.2 | 43.5 | 39.5 - 47.5 | 6.6 | 4.9 - 9.0 | 437 | |
| North Maluku | 59.4 | 55.2 - 63.5 | 33.5 | 29.7 - 37.5 | 7.1 | 5.3 - 9.4 | 302 | |
| Papua | 63.9 | 57.2 - 70.1 | 29.3 | 23.8 - 35.5 | 6.8 | 4.6 - 9.8 | 127 | |
| South Papua | 58.1 | 51.7 - 64.1 | 32.1 | 27.1 - 37.6 | 9.8 | 6.8 - 14.0 | 160 | |
| Central Papua | 63.2 | 55.5 - 70.2 | 28.9 | 23.0 - 35.6 | 7.9 | 4.6 - 13.2 | 207 | |
| Highland Papua | 54.8 | 41.4 - 67.6 | 28.0 | 21.3 - 35.8 | 17.2 | 5.6 - 41.9 | 133 | |
| West Papua | 51.9 | 35.0 - 68.3 | 28.8 | 22.1 - 36.7 | 19.3 | 7.1 - 42.9 | 170 | |
| Southwest Papua | 43.5 | 30.5 - 57.5 | 51.9 | 36.5 - 67.0 | 4.6 | 1.5 - 12.9 | 176 | |
| INDONESIA | 66.6 | 66.0 - 67.3 | 28.4 | 27.7 - 29.0 | 5.0 | 4.7 - 5.3 | 64,484 | |

Table 14.32 Distribution of Gestational Age at First Acquisition/Purchase of IFA During Last Pregnancy by Characteristic, 2023 SKI

| Characteristic | Average Gestational Age** at First Acquisition/Purchase of IFA | | | | | | Weighted N | |
|--|--|-------------|--|-------------|--|------------|------------|--|
| | 1 st Trimester (1-12 Weeks) | | 2 nd Trimester (12-25 Weeks) | | 3 rd Trimester (26-40 Weeks) | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Age Range | | | | | | | | |
| 10 – 14 | 43.2 | 7.8 - 87.2 | 56.8 | 12.8 - 92.2 | 0.0 | 0.0 - 0.0 | 4* | |
| 15 – 19 | 54.0 | 46.2 - 61.7 | 33.1 | 26.3 - 40.7 | 12.8 | 7.8 - 20.4 | 683 | |
| 20 – 24 | 64.9 | 62.9 - 66.8 | 29.7 | 27.8 - 31.6 | 5.5 | 4.6 - 6.5 | 9,044 | |
| 25 – 29 | 68.5 | 67.3 - 69.6 | 26.7 | 25.7 - 27.8 | 4.8 | 4.2 - 5.4 | 18,860 | |
| 30 – 34 | 67.6 | 66.4 - 68.7 | 27.7 | 26.7 - 28.9 | 4.7 | 4.2 - 5.2 | 17,578 | |
| 35 – 39 | 66.2 | 64.9 - 67.5 | 29.1 | 27.9 - 30.4 | 4.7 | 4.1 - 5.4 | 11,823 | |
| 40 – 44 | 63.6 | 61.6 - 65.4 | 30.7 | 29.0 - 32.6 | 5.7 | 4.8 - 6.7 | 5,349 | |
| 45 – 49 | 63.8 | 59.7 - 67.7 | 31.7 | 27.9 - 35.8 | 4.5 | 3.4 - 5.9 | 1,036 | |
| 50 – 54 | 58.9 | 47.8 - 69.1 | 29.8 | 20.5 - 41.1 | 11.3 | 5.7 - 21.4 | 109 | |
| Age Range (Specific) | | | | | | | | |
| 10 - 19 (Teenager) | 54.0 | 46.2 - 61.6 | 33.3 | 26.5 - 40.8 | 12.8 | 7.8 - 20.3 | 686 | |
| 15 - 49 (WRA) | 66.7 | 66.0 - 67.3 | 28.3 | 27.7 - 29.0 | 5.0 | 4.7 - 5.3 | 64,372 | |
| Education | | | | | | | | |
| Never attended school | 61.5 | 56.7 - 66.0 | 31.1 | 26.9 - 35.7 | 7.5 | 5.4 - 10.2 | 917 | |
| Some primary school/Islamic primary school | 60.9 | 57.3 - 64.4 | 32.0 | 28.7 - 35.5 | 7.1 | 4.9 - 10.1 | 2,232 | |
| Primary school/Islamic primary school graduate | 62.6 | 60.9 - 64.3 | 32.1 | 30.5 - 33.7 | 5.3 | 4.6 - 6.1 | 10,802 | |
| Junior secondary school/Islamic junior secondary school graduate | 65.9 | 64.6 - 67.3 | 29.3 | 28.0 - 30.6 | 4.8 | 4.2 - 5.4 | 15,060 | |
| Senior secondary school/Islamic senior secondary school graduate | 68.3 | 67.3 - 69.3 | 26.9 | 26.0 - 27.9 | 4.8 | 4.3 - 5.3 | 25,501 | |
| D1/D2/D3/university graduate | 69.6 | 68.2 - 71.0 | 25.4 | 24.2 - 26.7 | 5.0 | 4.2 - 5.8 | 9,972 | |
| Occupation | | | | | | | | |
| Unemployed | 66.2 | 65.4 - 67.1 | 29.1 | 28.3 - 29.9 | 4.6 | 4.3 - 5.0 | 40,489 | |
| Student | 61.2 | 53.4 - 68.4 | 33.5 | 26.6 - 41.1 | 5.3 | 3.0 - 9.4 | 359 | |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 69.5 | 66.7 - 72.1 | 25.1 | 22.7 - 27.7 | 5.4 | 4.1 - 7.2 | 1,881 | |
| Private employee | 69.9 | 67.7 - 72.0 | 24.3 | 22.5 - 26.2 | 5.8 | 4.6 - 7.2 | 6,075 | |
| Self-employed | 69.0 | 67.0 - 71.0 | 26.4 | 24.5 - 28.3 | 4.6 | 3.7 - 5.7 | 5,718 | |
| Farmer/farm worker | 62.9 | 60.2 - 65.6 | 31.7 | 29.3 - 34.2 | 5.4 | 4.1 - 7.1 | 2,908 | |
| Fisher | 65.6 | 39.1 - 85.0 | 25.0 | 9.0 - 52.9 | 9.4 | 2.2 - 32.1 | 47* | |
| Labor/driver/domestic help | 64.4 | 59.5 - 69.0 | 27.6 | 23.4 - 32.2 | 8.0 | 5.4 - 11.8 | 1,293 | |
| Others | 65.4 | 63.5 - 67.3 | 28.4 | 26.7 - 30.2 | 6.1 | 5.1 - 7.3 | 5,715 | |
| Residence | | | | | | | | |
| Urban | 67.2 | 66.3 - 68.1 | 27.5 | 26.7 - 28.3 | 5.4 | 4.9 - 5.8 | 36,936 | |
| Rural | 65.9 | 64.9 - 66.9 | 27.5 | 28.6 - 30.5 | 4.5 | 4.1 - 5.0 | 27,548 | |
| Economic Status | | | | | | | | |
| Lowest | 60.9 | 59.2 - 62.6 | 33.2 | 31.6 - 34.8 | 5.9 | 5.1 - 6.9 | 7,706 | |
| Lower middle | 64.8 | 63.3 - 66.3 | 30.4 | 29.0 - 31.8 | 4.8 | 4.2 - 5.6 | 11,268 | |
| Middle | 66.8 | 65.4 - 68.1 | 28.4 | 27.1 - 29.7 | 4.8 | 4.2 - 5.5 | 13,916 | |
| Upper middle | 67.6 | 66.2 - 68.9 | 27.7 | 26.4 - 28.9 | 4.8 | 4.2 - 5.4 | 15,948 | |
| Highest | 69.7 | 68.4 - 71.0 | 25.2 | 24.0 - 26.4 | 5.1 | 4.4 - 5.8 | 15,646 | |

*Weighted N < 50

3. Proportion of Total IFA Tablets Obtained During Pregnancy

Definition: The number of IFA tablets is grouped into 2 categories: the number of tablets obtained, either < 90 tablets or \geq 90 tablets.

$$\frac{\text{Proportion of Total IFA Tablets Obtained by Pregnant Women according to Tablet Quantity Category:}}{\text{Total number of Women aged 10-54 years who obtained IFA tablets during their last pregnancy according to tablet quantity category}} = \frac{\text{Number of Women aged 10-54 years who obtained IFA tablets during their last pregnancy according to tablet quantity category}}{\text{Total number of Women aged 10-54 years who obtained IFA tablets during their last pregnancy}}$$

$$\frac{\text{Proportion of Total IFA Tablets Program Obtained by Pregnant Women according to Tablet Quantity Category:}}{\text{Total number of Women aged 10-54 years who obtained IFA tablets program during their last pregnancy}} = \frac{\text{Number of Women aged 10-54 years who obtained IFA tablets program during their last pregnancy according to tablet quantity category}}{\text{Total number of Women aged 10-54 years who obtained IFA tablets program during their last pregnancy}}$$

4. Proportion of Total IFA Tablets Consumed During Pregnancy

Definition: The number of IFA tablets consumed by mothers during their last pregnancy is grouped into 2 categories: < 90 tablets and \geq 90 tablets.

$$\frac{\text{Proportion of Total IFA Tablets Consumed by Pregnant Women according to Tablet Quantity Category:}}{\text{Total number of Women aged 10-54 years who obtained IFA tablets during their last pregnancy}} = \frac{\text{Number of Women aged 10-54 years who consumed IFA tablets during their last pregnancy according to tablet quantity category}}{\text{Total number of Women aged 10-54 years who obtained IFA tablets during their last pregnancy}}$$

$$\frac{\text{Proportion of Total IFA Tablets Program Consumed by Pregnant Women according to Tablet Quantity Category:}}{\text{Total number of Women aged 10-54 years who obtained IFA tablets program during their last pregnancy}} = \frac{\text{Number of Women aged 10-54 years who consumed IFA tablets program during their last pregnancy according to tablet quantity category}}{\text{Total number of Women aged 10-54 years who obtained IFA tablets program during their last pregnancy}}$$

Table 14.33 Proportion of History of Iron Folic Acid (IFA) Tablets Received and Consumed During Last Pregnancy by Women Aged 10-54 Years by Province, 2023 SKI

| Province | Amount of IFA Tablets Received | | | | | | Amount of IFA Tablets Consumed | | | | | | Weighted N | | | |
|--------------------|--------------------------------|--------------------|-------------|--------------------|------------|------------------|--------------------------------|--------------------|-------------|--------------------|------------|------------------|---------------|--------|--|--|
| | < 90 tablets | | | ≥90 tablets | | | Forgot | | | < 90 tablets | | | ≥90 tablets | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 43.2 | 40.2 - 46.2 | 56.7 | 53.7 - 59.7 | 0.0 | 0.0 - 0.3 | 67.6 | 64.7 - 70.4 | 32.3 | 29.5 - 35.3 | 0.0 | 0.0 - 0.3 | 1,298 | | | |
| North Sumatra | 57.6 | 54.5 - 60.7 | 42.4 | 39.3 - 45.5 | 0 | 0 | 70.7 | 67.8 - 73.5 | 29.3 | 26.5 - 32.2 | 0 | 0 | 2,785 | | | |
| West Sumatra | 39.7 | 36.7 - 42.7 | 60.3 | 57.3 - 63.3 | 0 | 0 | 55.8 | 52.7 - 58.7 | 44.2 | 41.3 - 47.3 | 0 | 0 | 1,441 | | | |
| Riau | 45.2 | 41.9 - 48.6 | 54.6 | 51.2 - 57.9 | 0.2 | 0.1 - 0.8 | 59.1 | 55.7 - 62.4 | 40.7 | 37.4 - 44.1 | 0.2 | 0.1 - 0.8 | 1,446 | | | |
| Jambi | 29.0 | 25.2 - 33.0 | 71.0 | 67.0 - 74.8 | 0 | 0 | 48.5 | 44.6 - 52.5 | 51.5 | 47.5 - 55.4 | 0 | 0 | 697 | | | |
| South Sumatra | 52.7 | 49.3 - 56.1 | 47.3 | 43.9 - 50.7 | 0 | 0 | 63.1 | 59.7 - 66.4 | 36.9 | 33.6 - 40.3 | 0 | 0 | 1,738 | | | |
| Bengkulu | 43.1 | 39.0 - 47.3 | 56.9 | 52.7 - 61.0 | 0 | 0 | 56.3 | 52.1 - 60.4 | 43.7 | 39.6 - 47.9 | 0 | 0 | 436 | | | |
| Lampung | 36.4 | 32.9 - 40.0 | 63.6 | 60.0 - 67.1 | 0 | 0 | 51.2 | 47.7 - 54.7 | 48.8 | 45.3 - 52.3 | 0 | 0 | 2,262 | | | |
| Babel Islands | 46.0 | 41.3 - 50.8 | 53.7 | 49.0 - 58.4 | 0.3 | 0.0 - 1.9 | 56.0 | 51.5 - 60.5 | 43.7 | 39.3 - 48.3 | 0.3 | 0.0 - 1.9 | 266 | | | |
| Riau Islands | 41.8 | 33.9 - 50.2 | 58.1 | 49.7 - 66.0 | 0.1 | 0.0 - 0.9 | 47.5 | 39.6 - 55.5 | 52.5 | 44.5 - 60.4 | 0 | 0 | 562 | | | |
| DKI Jakarta | 51.8 | 46.4 - 57.1 | 48.1 | 42.8 - 53.4 | 0.2 | 0.0 - 1.1 | 59.1 | 54.1 - 64.0 | 40.7 | 35.9 - 45.8 | 0.2 | 0.0 - 1.1 | 2,309 | | | |
| West Java | 44.9 | 42.6 - 47.2 | 54.9 | 52.6 - 57.2 | 0.3 | 0.1 - 0.6 | 56.8 | 54.5 - 59.0 | 43.0 | 40.8 - 45.2 | 0.3 | 0.1 - 0.6 | 13,209 | | | |
| Central Java | 36.1 | 33.9 - 38.3 | 63.7 | 61.5 - 65.9 | 0.2 | 0.1 - 0.8 | 48.0 | 45.8 - 50.2 | 51.8 | 49.6 - 54.0 | 0.2 | 0.1 - 0.8 | 9,160 | | | |
| DI Yogyakarta | 29.9 | 25.2 - 35.1 | 69.1 | 63.8 - 73.9 | 1.0 | 0.4 - 2.4 | 38.2 | 33.2 - 43.4 | 60.9 | 55.5 - 66.0 | 1.0 | 0.4 - 2.4 | 697 | | | |
| East Java | 42.6 | 40.5 - 44.7 | 57.2 | 55.1 - 59.2 | 0.2 | 0.1 - 0.5 | 56.1 | 54.0 - 58.2 | 43.7 | 41.6 - 45.8 | 0.2 | 0.1 - 0.5 | 8,489 | | | |
| Banten | 41.3 | 36.5 - 46.3 | 58.7 | 53.7 - 63.5 | 0 | 0 | 51.8 | 46.9 - 56.8 | 48.2 | 43.2 - 53.1 | 0 | 0 | 3,076 | | | |
| Bali | 14.4 | 11.7 - 17.6 | 85.6 | 82.4 - 88.3 | 0 | 0 | 18.5 | 15.4 - 21.9 | 81.5 | 78.1 - 84.6 | 0 | 0 | 939 | | | |
| West Nusa Tenggara | 34.2 | 30.0 - 38.6 | 65.8 | 61.4 - 70.0 | 0 | 0 | 47.6 | 43.3 - 51.9 | 52.4 | 48.1 - 56.7 | 0 | 0 | 1,656 | | | |
| East Nusa Tenggara | 33.3 | 30.8 - 35.8 | 66.7 | 64.2 - 69.1 | 0.1 | 0.0 - 0.2 | 40.1 | 37.6 - 42.6 | 59.9 | 57.3 - 62.4 | 0.1 | 0.0 - 0.2 | 1,525 | | | |
| West Kalimantan | 43.6 | 39.8 - 47.5 | 56.3 | 52.4 - 60.1 | 0.0 | 0.0 - 0.3 | 56.2 | 52.4 - 60.0 | 43.7 | 39.9 - 47.6 | 0.0 | 0.0 - 0.3 | 1,166 | | | |
| Central Kalimantan | 35.5 | 31.2 - 39.9 | 64.4 | 59.9 - 68.6 | 0.1 | 0.0 - 1.0 | 47.7 | 43.3 - 52.1 | 52.2 | 47.7 - 56.6 | 0.1 | 0.0 - 1.0 | 512 | | | |
| South Kalimantan | 25.8 | 22.7 - 29.2 | 74.1 | 70.7 - 77.2 | 0.1 | 0.0 - 0.3 | 42.0 | 38.5 - 45.6 | 57.8 | 54.3 - 61.3 | 0.1 | 0.0 - 0.3 | 914 | | | |
| East Kalimantan | 44.0 | 39.8 - 48.3 | 55.6 | 51.2 - 59.9 | 0.4 | 0.1 - 1.2 | 58.9 | 54.8 - 63.0 | 40.7 | 36.6 - 44.8 | 0.4 | 0.1 - 1.2 | 933 | | | |
| North Kalimantan | 37.7 | 32.0 - 43.8 | 61.7 | 55.6 - 67.4 | 0.6 | 0.2 - 2.0 | 51.2 | 45.0 - 57.4 | 48.2 | 41.9 - 54.5 | 0.6 | 0.2 - 2.0 | 202 | | | |
| North Sulawesi | 57.1 | 52.7 - 61.4 | 42.8 | 38.5 - 47.2 | 0.1 | 0.0 - 0.6 | 71.5 | 67.4 - 75.2 | 28.5 | 24.7 - 32.5 | 0.1 | 0.0 - 0.6 | 472 | | | |
| Central Sulawesi | 59.6 | 56.1 - 63.0 | 40.3 | 36.9 - 43.8 | 0.0 | 0.0 - 0.2 | 71.9 | 68.7 - 74.9 | 28.1 | 25.0 - 31.3 | 0.0 | 0.0 - 0.2 | 748 | | | |
| South Sulawesi | 52.4 | 49.9 - 54.9 | 47.5 | 45.0 - 50.1 | 0.0 | 0.0 - 0.2 | 66.3 | 64.1 - 68.5 | 33.6 | 31.4 - 35.9 | 0.0 | 0.0 - 0.2 | 2,483 | | | |
| Southeast Sulawesi | 69.0 | 65.8 - 72.0 | 31.0 | 28.0 - 34.1 | 0.0 | 0.0 - 0.2 | 78.9 | 76.1 - 81.5 | 21.1 | 18.5 - 23.9 | 0.0 | 0.0 - 0.2 | 650 | | | |
| Gorontalo | 51.5 | 46.9 - 56.2 | 48.5 | 43.8 - 53.1 | 0 | 0 | 69.7 | 65.3 - 73.9 | 30.3 | 26.1 - 34.7 | 0 | 0 | 298 | | | |
| West Sulawesi | 28.2 | 23.8 - 33.2 | 71.7 | 66.7 - 76.1 | 0.1 | 0.0 - 0.7 | 44.5 | 39.5 - 49.5 | 55.4 | 50.4 - 60.4 | 0.1 | 0.0 - 0.7 | 402 | | | |
| Maluku | 74.9 | 70.7 - 78.7 | 24.7 | 20.9 - 28.9 | 0.3 | 0.1 - 1.5 | 85.1 | 81.6 - 88.1 | 14.5 | 11.6 - 18.0 | 0.3 | 0.1 - 1.5 | 437 | | | |
| North Maluku | 71.5 | 66.8 - 75.7 | 28.5 | 24.3 - 33.2 | 0 | 0 | 78.6 | 74.3 - 82.3 | 21.4 | 17.7 - 25.7 | 0 | 0 | 302 | | | |
| West Papua | 64.2 | 55.5 - 72.1 | 35.6 | 27.8 - 44.4 | 0.2 | 0.0 - 1.1 | 73.4 | 65.7 - 79.9 | 26.4 | 20.0 - 34.1 | 0.2 | 0.0 - 1.1 | 127 | | | |
| Southwest Papua | 69.0 | 63.2 - 74.2 | 31.0 | 25.8 - 36.8 | 0 | 0 | 75.2 | 70.2 - 79.6 | 24.8 | 20.4 - 29.8 | 0 | 0 | 160 | | | |
| Papua | 60.4 | 52.2 - 68.1 | 39.5 | 31.9 - 47.8 | 0.1 | 0.0 - 0.4 | 69.9 | 62.9 - 76.1 | 30.0 | 23.8 - 37.0 | 0.1 | 0.0 - 0.4 | 207 | | | |
| South Papua | 56.6 | 45.4 - 67.1 | 43.4 | 32.9 - 54.6 | 0 | 0 | 66.7 | 57.2 - 75.0 | 33.3 | 25.0 - 42.8 | 0 | 0 | 133 | | | |
| Central Papua | 65.2 | 50.1 - 77.8 | 34.0 | 21.6 - 49.1 | 0.7 | 0.5 - 1.0 | 71.0 | 56.3 - 82.3 | 29.0 | 17.7 - 43.7 | 0 | 0 | 170 | | | |
| Highland Papua | 72.4 | 58.8 - 82.8 | 27.6 | 17.2 - 41.2 | 0.0 | 0.0 - 0.1 | 78.3 | 65.4 - 87.3 | 21.7 | 12.7 - 34.6 | 0.0 | 0.0 - 0.1 | 176 | | | |
| INDONESIA | 43.3 | 42.5 - 44.1 | 56.5 | 55.7 - 57.3 | 0.2 | 0.1 - 0.2 | 55.7 | 54.9 - 56.4 | 44.2 | 43.4 - 44.9 | 0.1 | 0.1 - 0.2 | 64,484 | | | |

Table 14.34 Proportion of History of Iron Folic Acid (IFA) Tablets Received and Consumed During Last Pregnancy by Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Amount of IFA Tablets Received ** | | | | | | Amount of IFA Tablets Consumed * | | | | | | Weighted N |
|--|-----------------------------------|---------------|--------------|-------------|--------|-----------|----------------------------------|---------------|--------------|-------------|--------|-----------|------------|
| | < 90 tablets | | ≥ 90 tablets | | Forgot | | < 90 tablets | | ≥ 90 tablets | | Forgot | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range | | | | | | | | | | | | | |
| 10 – 14 | 100.0 | 100.0 - 100.0 | 0 | 0 | 0 | 0 | 100.0 | 100.0 - 100.0 | 0.0 | 0.0 - 0.0 | 0.0 | 0.0 - 0.0 | 4* |
| 15 – 19 | 49.6 | 41.9 - 57.3 | 50.4 | 42.7 - 58.1 | 0 | 0 | 65.8 | 58.8 - 72.1 | 34.2 | 27.9 - 41.2 | 0.0 | 0.0 - 0.0 | 683 |
| 20 – 24 | 43.4 | 41.3 - 45.5 | 56.6 | 54.5 - 58.6 | 0.0 | 0.0 - 0.1 | 57.0 | 55.0 - 59.1 | 42.9 | 40.9 - 45.0 | 0.0 | 0.0 - 0.1 | 9,044 |
| 25 – 29 | 42.4 | 41.1 - 43.7 | 57.5 | 56.2 - 58.8 | 0.1 | 0.1 - 0.2 | 55.2 | 53.9 - 56.5 | 44.7 | 43.4 - 46.0 | 0.1 | 0.1 - 0.2 | 18,860 |
| 30 – 34 | 43.2 | 41.9 - 44.4 | 56.7 | 55.4 - 57.9 | 0.2 | 0.1 - 0.4 | 55.0 | 53.7 - 56.2 | 44.9 | 43.7 - 46.1 | 0.1 | 0.1 - 0.4 | 17,578 |
| 35 – 39 | 42.7 | 41.2 - 44.2 | 57.1 | 55.6 - 58.5 | 0.2 | 0.1 - 0.4 | 54.5 | 53.1 - 56.0 | 45.2 | 43.8 - 46.7 | 0.2 | 0.1 - 0.4 | 11,823 |
| 40 – 44 | 45.4 | 43.5 - 47.3 | 54.3 | 52.4 - 56.2 | 0.3 | 0.1 - 1.3 | 56.6 | 54.6 - 58.5 | 43.1 | 41.2 - 45.0 | 0.3 | 0.1 - 1.3 | 5,349 |
| 45 – 49 | 52.1 | 47.9 - 56.3 | 47.2 | 43.0 - 51.4 | 0.8 | 0.2 - 2.6 | 64.7 | 60.6 - 68.5 | 34.6 | 30.8 - 38.6 | 0.8 | 0.2 - 2.6 | 1,036 |
| 50 – 54 | 55.3 | 44.9 - 65.3 | 44.7 | 34.7 - 55.1 | 0 | 0 | 66.8 | 56.6 - 75.6 | 33.2 | 24.4 - 43.4 | 0.0 | 0.0 - 0.0 | 109 |
| Age Range (Specific) | | | | | | | | | | | | | |
| 10 - 19 (Teenager) | 49.9 | 42.2 - 57.5 | 50.1 | 42.5 - 57.8 | 0.0 | 0.0 | 66.0 | 59.0 - 72.3 | 34.0 | 27.7 - 41.0 | 0.0 | 0.0 - 0.0 | 686 |
| 15 - 49 (WRA) | 43.3 | 42.5 - 44.1 | 56.6 | 55.8 - 57.3 | 0.2 | 0.1 - 0.2 | 55.6 | 54.9 - 56.4 | 44.2 | 43.4 - 45.0 | 0.2 | 0.1 - 0.2 | 64,372 |
| Education | | | | | | | | | | | | | |
| Never attended school | 51.1 | 46.2 - 55.9 | 48.9 | 44.1 - 53.8 | 0.1 | 0.0 - 0.1 | 63.6 | 58.8 - 68.1 | 36.4 | 31.9 - 41.1 | 0.0 | 0.0 - 0.1 | 917 |
| Some primary school/Islamic primary school | 45.9 | 42.1 - 49.7 | 54.1 | 50.2 - 57.8 | 0.4 | 0.0 - 0.4 | 58.6 | 54.9 - 62.2 | 41.4 | 37.8 - 45.1 | 0.1 | 0.0 - 0.4 | 2,232 |
| Primary school/Islamic primary school graduate | 45.7 | 44.0 - 47.6 | 53.9 | 52.1 - 55.7 | 0.2 | 0.2 - 0.8 | 58.3 | 56.5 - 60.1 | 41.3 | 39.6 - 43.1 | 0.4 | 0.2 - 0.8 | 10,802 |
| Junior secondary school/Islamic junior secondary school graduate | 43.6 | 42.1 - 45.0 | 56.3 | 54.8 - 57.7 | 0.1 | 0.1 - 0.3 | 56.8 | 55.4 - 58.2 | 43.1 | 41.6 - 44.5 | 0.1 | 0.1 - 0.3 | 15,060 |
| Senior secondary school/Islamic senior secondary school graduate | 42.6 | 41.5 - 43.7 | 57.3 | 56.2 - 58.4 | 0.2 | 0.0 - 0.2 | 54.8 | 53.7 - 55.9 | 45.2 | 44.1 - 46.3 | 0.1 | 0.0 - 0.2 | 25,501 |
| D1/D2/D3/university graduate | 40.7 | 39.2 - 42.3 | 59.1 | 57.6 - 60.6 | 0.1 | 0.1 - 0.3 | 52.0 | 50.5 - 53.5 | 47.8 | 46.3 - 49.3 | 0.2 | 0.1 - 0.3 | 9,972 |
| Occupation | | | | | | | | | | | | | |
| Unemployed | 43.9 | 42.9 - 44.9 | 56.0 | 55.1 - 57.0 | 0.1 | 0.0 - 0.1 | 56.6 | 55.7 - 57.6 | 43.3 | 42.3 - 44.3 | 0.1 | 0.0 - 0.1 | 40,489 |
| Student | 47.8 | 40.1 - 55.6 | 52.2 | 44.4 - 59.9 | 0.0 | 0.0 - 0.0 | 57.6 | 49.7 - 65.1 | 42.4 | 34.9 - 50.3 | 0 | 0 | 359 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 41.4 | 38.6 - 44.4 | 58.4 | 55.4 - 61.2 | 0.2 | 0.1 - 0.4 | 50.0 | 47.1 - 53.0 | 49.8 | 46.9 - 52.8 | 0.1 | 0.0 - 0.3 | 1,881 |
| Private employee | 39.3 | 37.2 - 41.6 | 60.5 | 58.3 - 62.7 | 0.2 | 0.1 - 0.4 | 50.3 | 48.1 - 52.5 | 49.5 | 47.4 - 51.7 | 0.1 | 0.1 - 0.4 | 6,075 |
| Self-employed | 42.5 | 40.4 - 44.7 | 57.1 | 54.9 - 59.2 | 0.4 | 0.2 - 0.9 | 54.6 | 52.4 - 56.7 | 45.0 | 42.9 - 47.2 | 0.4 | 0.2 - 0.9 | 5,718 |
| Farmer/farm worker | 45.1 | 42.3 - 47.8 | 54.6 | 51.9 - 57.3 | 0.3 | 0.1 - 1.2 | 55.5 | 52.8 - 58.1 | 44.2 | 41.7 - 46.8 | 0.3 | 0.1 - 1.2 | 2,908 |
| Fisher | 20.8 | 8.7 - 41.8 | 79.2 | 58.2 - 91.3 | 0 | 0 | 61.8 | 38.5 - 80.7 | 38.2 | 19.3 - 61.5 | 0 | 0 | 47* |
| Labor/driver/domestic help | 45.5 | 40.4 - 50.6 | 54.3 | 49.1 - 59.4 | 0.3 | 0.1 - 1.0 | 60.6 | 55.8 - 65.3 | 39.1 | 34.5 - 44.0 | 0.3 | 0.1 - 1.0 | 1,293 |
| Others | 43.4 | 41.4 - 45.5 | 56.1 | 54.0 - 58.2 | 0.4 | 0.1 - 1.4 | 56.2 | 54.2 - 58.2 | 43.4 | 41.4 - 45.4 | 0.4 | 0.1 - 1.4 | 5,715 |
| Residence | | | | | | | | | | | | | |
| Urban | 44.1 | 43.1 - 45.2 | 55.7 | 54.7 - 56.8 | 0.1 | 0.1 - 0.2 | 56.2 | 55.1 - 57.2 | 43.7 | 42.7 - 44.7 | 0.1 | 0.1 - 0.2 | 36,936 |
| Rural | 42.2 | 41.1 - 43.4 | 57.6 | 56.4 - 58.8 | 0.2 | 0.1 - 0.4 | 55.0 | 53.9 - 56.2 | 44.8 | 43.7 - 46.0 | 0.2 | 0.1 - 0.4 | 27,548 |
| Economic Status | | | | | | | | | | | | | |
| Lowest | 46.7 | 44.9 - 48.6 | 53.2 | 51.4 - 55.0 | 0.1 | 0.0 - 0.2 | 59.2 | 57.4 - 61.0 | 40.7 | 38.9 - 42.5 | 0.1 | 0.0 - 0.1 | 7,706 |
| Lower middle | 44.2 | 42.6 - 45.8 | 55.5 | 53.9 - 57.1 | 0.2 | 0.1 - 0.7 | 57.1 | 55.6 - 58.7 | 42.6 | 41.1 - 44.2 | 0.2 | 0.1 - 0.7 | 11,268 |
| Middle | 43.6 | 42.1 - 45.0 | 56.3 | 54.8 - 57.7 | 0.1 | 0.1 - 0.2 | 57.2 | 55.8 - 58.6 | 42.7 | 41.3 - 44.1 | 0.1 | 0.1 - 0.2 | 13,916 |
| Upper middle | 42.6 | 41.1 - 44.1 | 57.3 | 55.8 - 58.7 | 0.2 | 0.1 - 0.3 | 55.4 | 53.9 - 56.8 | 44.5 | 43.0 - 45.9 | 0.2 | 0.1 - 0.3 | 15,948 |
| Highest | 41.5 | 40.0 - 43.0 | 58.4 | 56.9 - 59.8 | 0.2 | 0.1 - 0.3 | 51.8 | 50.3 - 53.3 | 48.0 | 46.6 - 49.5 | 0.2 | 0.1 - 0.3 | 15,646 |

* The number of IFA tablets consumed is from the number of IFA tablets received.

** Proportion of the history of receiving/obtaining iron folic acid tablets from the last pregnancy.

Table 14.35 Proportion of History of Program Iron Folic Acid (IFA) Tablets Received and Consumed During Last Pregnancy by Women Aged 10-54 Years by Province, 2023 SKI

| Province | Amount of IFA Tablets Received * | | | | | | Amount of IFA Tablets Consumed * | | | | | | Weighted N | | | |
|--------------------|----------------------------------|--------------------|-------------|--------------------|------------|------------------|----------------------------------|--------------------|-------------|--------------------|------------|------------------|---------------|--------|--|--|
| | < 90 tablets | | | ≥90 tablets | | | Forgot | | | < 90 tablets | | | ≥90 tablets | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 43.1 | 40.0 - 46.3 | 56.8 | 53.6 - 60.0 | 0.0 | 0.0 - 0.3 | 68.6 | 65.6 - 71.5 | 31.3 | 28.4 - 34.4 | 0.0 | 0.0 - 0.3 | 1,227 | | | |
| North Sumatra | 56.0 | 52.5 - 59.4 | 44.0 | 40.6 - 47.5 | 0 | 0 | 70.6 | 67.4 - 73.6 | 29.4 | 26.4 - 32.6 | 0 | 0 | 2,414 | | | |
| West Sumatra | 41.0 | 37.9 - 44.1 | 59.0 | 55.9 - 62.1 | 0.0 | 0.0 - 0.2 | 57.7 | 54.6 - 60.8 | 42.3 | 39.2 - 45.4 | 0.0 | 0.0 - 0.2 | 1,394 | | | |
| Riau | 44.5 | 40.9 - 48.2 | 55.2 | 51.6 - 58.8 | 0.2 | 0.1 - 0.9 | 60.2 | 56.5 - 63.7 | 39.6 | 36.0 - 43.2 | 0.2 | 0.1 - 0.9 | 1,223 | | | |
| Jambi | 28.2 | 24.4 - 32.3 | 71.8 | 67.7 - 75.6 | 0 | 0 | 48.6 | 44.6 - 52.6 | 51.4 | 47.4 - 55.4 | 0 | 0 | 670 | | | |
| South Sumatra | 50.5 | 46.8 - 54.1 | 49.5 | 45.9 - 53.2 | 0 | 0 | 61.7 | 58.1 - 65.2 | 38.3 | 34.8 - 41.9 | 0 | 0 | 1,624 | | | |
| Bengkulu | 42.7 | 38.4 - 47.1 | 57.3 | 52.9 - 61.6 | 0 | 0 | 55.9 | 51.4 - 60.3 | 44.1 | 39.7 - 48.6 | 0 | 0 | 406 | | | |
| Lampung | 36.0 | 32.5 - 39.7 | 64.0 | 60.3 - 67.5 | 0 | 0 | 51.2 | 47.6 - 54.8 | 48.8 | 45.2 - 52.4 | 0 | 0 | 2,150 | | | |
| Babel Islands | 46.5 | 41.7 - 51.3 | 53.2 | 48.4 - 58.0 | 0.3 | 0.0 - 2.0 | 56.7 | 52.1 - 61.2 | 43.0 | 38.5 - 47.6 | 0.3 | 0.0 - 2.0 | 258 | | | |
| Riau Islands | 51.8 | 42.8 - 60.7 | 48.0 | 39.1 - 57.1 | 0.2 | 0.0 - 1.2 | 57.8 | 48.9 - 66.2 | 42.0 | 33.6 - 51.0 | 0.2 | 0.0 - 1.2 | 411 | | | |
| D.K.I. Jakarta | 50.4 | 44.9 - 55.9 | 49.4 | 44.0 - 54.9 | 0.2 | 0.0 - 1.2 | 58.1 | 53.0 - 63.0 | 41.7 | 36.8 - 46.8 | 0.2 | 0.0 - 1.2 | 2,082 | | | |
| West Java | 44.4 | 42.0 - 46.8 | 55.3 | 52.9 - 57.7 | 0.3 | 0.1 - 0.7 | 56.9 | 54.5 - 59.3 | 42.8 | 40.5 - 45.2 | 0.3 | 0.1 - 0.7 | 11,660 | | | |
| Central Java | 38.5 | 36.3 - 40.7 | 61.3 | 59.1 - 63.5 | 0.2 | 0.0 - 0.8 | 50.8 | 48.6 - 53.0 | 49.0 | 46.8 - 51.2 | 0.2 | 0.0 - 0.9 | 8,809 | | | |
| D.I. Yogyakarta | 34.5 | 29.5 - 39.8 | 64.8 | 59.5 - 69.8 | 0.7 | 0.3 - 1.9 | 43.1 | 38.0 - 48.4 | 56.2 | 50.9 - 61.3 | 0.7 | 0.3 - 1.9 | 663 | | | |
| East Java | 43.9 | 41.7 - 46.1 | 55.8 | 53.6 - 58.0 | 0.3 | 0.1 - 0.6 | 57.5 | 55.3 - 59.7 | 42.2 | 40.1 - 44.4 | 0.3 | 0.1 - 0.6 | 7,876 | | | |
| Banten | 43.9 | 39.1 - 48.8 | 56.1 | 51.2 - 60.9 | 0 | 0 | 54.6 | 49.7 - 59.4 | 45.4 | 40.6 - 50.3 | 0 | 0 | 2,938 | | | |
| Bali | 21.7 | 18.2 - 25.8 | 78.3 | 74.2 - 81.8 | 0 | 0 | 25.6 | 21.7 - 29.9 | 74.4 | 70.1 - 78.3 | 0 | 0 | 764 | | | |
| West Nusa Tenggara | 34.7 | 30.4 - 39.2 | 65.3 | 60.8 - 69.6 | 0 | 0 | 48.6 | 44.2 - 52.9 | 51.4 | 47.1 - 55.8 | 0 | 0 | 1,664 | | | |
| East Nusa Tenggara | 33.1 | 30.7 - 35.7 | 66.8 | 64.3 - 69.3 | 0.1 | 0.0 - 0.2 | 40.1 | 37.6 - 42.6 | 59.9 | 57.3 - 62.4 | 0.1 | 0.0 - 0.2 | 1,535 | | | |
| West Kalimantan | 44.0 | 40.1 - 47.9 | 56.0 | 52.1 - 59.9 | 0.0 | 0.0 - 0.3 | 56.7 | 52.8 - 60.5 | 43.3 | 39.4 - 47.2 | 0.0 | 0.0 - 0.3 | 1,148 | | | |
| Central Kalimantan | 37.0 | 32.7 - 41.4 | 62.9 | 58.5 - 67.1 | 0.2 | 0.0 - 1.1 | 48.4 | 44.1 - 52.8 | 51.4 | 47.1 - 55.7 | 0.2 | 0.0 - 1.1 | 483 | | | |
| South Kalimantan | 26.1 | 22.9 - 29.5 | 73.8 | 70.3 - 77.0 | 0.1 | 0.0 - 0.4 | 42.0 | 38.5 - 45.7 | 57.8 | 54.2 - 61.4 | 0.1 | 0.0 - 0.4 | 868 | | | |
| East Kalimantan | 44.8 | 40.5 - 49.2 | 54.8 | 50.3 - 59.1 | 0.4 | 0.1 - 1.3 | 60.6 | 56.4 - 64.6 | 39.0 | 34.9 - 43.2 | 0.4 | 0.1 - 1.3 | 893 | | | |
| North Kalimantan | 37.3 | 31.4 - 43.6 | 62.1 | 55.8 - 68.0 | 0.6 | 0.2 - 2.0 | 50.8 | 44.4 - 57.2 | 48.6 | 42.1 - 55.1 | 0.6 | 0.2 - 2.0 | 200 | | | |
| North Sulawesi | 58.6 | 54.1 - 62.9 | 41.4 | 37.0 - 45.8 | 0.1 | 0.0 - 0.6 | 72.9 | 68.7 - 76.6 | 27.0 | 23.3 - 31.2 | 0.1 | 0.0 - 0.6 | 456 | | | |
| Central Sulawesi | 59.8 | 56.2 - 63.3 | 40.2 | 36.7 - 43.8 | 0.0 | 0.0 - 0.2 | 72.3 | 69.1 - 75.3 | 27.7 | 24.6 - 30.9 | 0.0 | 0.0 - 0.2 | 743 | | | |
| South Sulawesi | 52.6 | 50.0 - 55.2 | 47.4 | 44.8 - 50.0 | 0.0 | 0.0 - 0.3 | 66.6 | 64.2 - 68.8 | 33.4 | 31.2 - 35.7 | 0.0 | 0.0 - 0.3 | 2,454 | | | |
| Southeast Sulawesi | 69.4 | 66.3 - 72.4 | 30.5 | 27.6 - 33.7 | 0.0 | 0.0 - 0.2 | 79.7 | 77.0 - 82.2 | 20.2 | 17.8 - 22.9 | 0.0 | 0.0 - 0.2 | 638 | | | |
| Gorontalo | 52.4 | 47.7 - 57.1 | 47.6 | 42.9 - 52.3 | 0 | 0 | 70.7 | 66.2 - 74.8 | 29.3 | 25.2 - 33.8 | 0 | 0 | 302 | | | |
| West Sulawesi | 28.4 | 23.9 - 33.4 | 71.5 | 66.5 - 76.0 | 0.1 | 0.0 - 0.7 | 44.3 | 39.3 - 49.4 | 55.6 | 50.5 - 60.6 | 0.1 | 0.0 - 0.7 | 403 | | | |
| Maluku | 75.0 | 70.7 - 78.8 | 24.7 | 20.8 - 29.0 | 0.3 | 0.1 - 1.5 | 85.3 | 81.7 - 88.2 | 14.4 | 11.4 - 17.9 | 0.3 | 0.1 - 1.5 | 441 | | | |
| North Maluku | 71.8 | 67.1 - 76.0 | 28.2 | 24.0 - 32.9 | 0 | 0 | 78.9 | 74.6 - 82.7 | 21.1 | 17.3 - 25.4 | 0 | 0 | 306 | | | |
| West Papua | 65.5 | 56.7 - 73.3 | 34.3 | 26.5 - 43.1 | 0.2 | 0.0 - 1.1 | 75.1 | 67.4 - 81.5 | 24.7 | 18.4 - 32.4 | 0.2 | 0.0 - 1.1 | 125 | | | |
| Southwest Papua | 70.4 | 64.5 - 75.6 | 29.6 | 24.4 - 35.5 | 0 | 0 | 77.0 | 72.1 - 81.2 | 23.0 | 18.8 - 27.9 | 0 | 0 | 153 | | | |
| Papua | 61.3 | 53.1 - 69.0 | 38.6 | 31.0 - 46.8 | 0.1 | 0.0 - 0.5 | 71.1 | 63.9 - 77.4 | 28.8 | 22.6 - 36.0 | 0.1 | 0.0 - 0.5 | 201 | | | |
| South Papua | 57.5 | 46.4 - 67.8 | 42.5 | 32.2 - 53.6 | 0 | 0 | 67.7 | 58.3 - 75.9 | 32.3 | 24.1 - 41.7 | 0 | 0 | 134 | | | |
| Central Papua | 65.9 | 50.5 - 78.6 | 33.4 | 20.9 - 48.8 | 0.7 | 0.5 - 1.0 | 70.9 | 55.8 - 82.4 | 28.4 | 17.0 - 43.5 | 0.7 | 0.5 - 1.0 | 169 | | | |
| Highland Papua | 72.8 | 59.5 - 83.0 | 27.2 | 17.0 - 40.5 | 0.0 | 0.0 - 0.1 | 78.7 | 66.2 - 87.5 | 21.2 | 12.5 - 33.8 | 0.0 | 0.0 - 0.1 | 179 | | | |
| INDONESIA | 44.0 | 43.2 - 44.8 | 55.9 | 55.1 - 56.7 | 0.1 | 0.1 - 0.3 | 56.8 | 56.0 - 57.6 | 43.1 | 42.3 - 43.8 | 0.1 | 0.1 - 0.3 | 60,064 | | | |

*IFA Source: Program

Table 14.36 Proportion of History of Program Iron Folic Acid (IFA) Tablets Received and Consumed During Last Pregnancy by Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Amount of IFA Tablets Received * | | | | | | Amount of IFA Tablets Consumed * | | | | | | Weighted N |
|--|----------------------------------|---------------|--------------|-------------|--------|-----------|----------------------------------|---------------|--------------|-------------|--------|-----------|------------|
| | < 90 tablets | | ≥ 90 tablets | | Forgot | | < 90 tablets | | ≥ 90 tablets | | Forgot | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range | | | | | | | | | | | | | |
| 10 - 14 | 100.0 | 100.0 - 100.0 | 0 | 0 | 0 | 0 | 100.0 | 100.0 - 100.0 | 0 | 0 | 0 | 0 | 4* |
| 15 - 19 | 48.5 | 40.6 - 56.4 | 51.5 | 43.6 - 59.4 | 0 | 0 | 65.3 | 58.1 - 71.9 | 42.8 | 40.7 - 45.0 | 0 | 0 | 650 |
| 20 - 24 | 43.1 | 41.0 - 45.2 | 56.9 | 54.7 - 59.0 | 0.0 | 0.0 - 0.1 | 57.2 | 55.0 - 59.3 | 43.4 | 42.1 - 44.7 | 0.0 | 0.0 - 0.1 | 8,610 |
| 25 - 29 | 43.4 | 42.0 - 44.7 | 56.5 | 55.1 - 57.9 | 0.1 | 0.1 - 0.3 | 56.5 | 55.1 - 57.8 | 43.4 | 42.1 - 44.7 | 0.1 | 0.1 - 0.3 | 17,559 |
| 30 - 34 | 44.1 | 42.8 - 45.4 | 55.7 | 54.4 - 57.0 | 0.2 | 0.1 - 0.5 | 56.4 | 55.2 - 57.7 | 43.9 | 42.5 - 45.4 | 0.2 | 0.1 - 0.5 | 16,308 |
| 35 - 39 | 43.7 | 42.2 - 45.2 | 56.1 | 54.6 - 57.6 | 0.2 | 0.1 - 0.4 | 55.8 | 54.4 - 57.3 | 42.5 | 40.5 - 44.5 | 0.2 | 0.1 - 0.4 | 10,877 |
| 40 - 44 | 45.4 | 43.4 - 47.5 | 54.2 | 52.2 - 56.3 | 0.3 | 0.1 - 1.5 | 57.2 | 55.2 - 59.2 | 34.0 | 30.1 - 38.1 | 0.3 | 0.1 - 1.5 | 4,981 |
| 45 - 49 | 52.1 | 47.7 - 56.3 | 47.3 | 43.0 - 51.6 | 0.6 | 0.1 - 2.6 | 65.4 | 61.2 - 69.3 | 32.2 | 23.4 - 42.5 | 0.6 | 0.1 - 2.6 | 966 |
| 50 - 54 | 56.0 | 45.5 - 66.1 | 44.0 | 33.9 - 54.5 | 0 | 0 | 67.8 | 57.5 - 76.6 | 34.7 | 28.1 - 41.9 | 0 | 0 | 108 |
| Age Range (Specific) | | | | | | | | | | | | | |
| 10 - 19 (Teenager) | 48.8 | 41.0 - 56.6 | 51.2 | 43.4 - 59.0 | 0 | 0 | 65.5 | 61.5 - 69.3 | 34.5 | 30.7 - 38.5 | 0 | 0 | 654 |
| 15 - 19 (WRA) | 43.9 | 43.2 - 44.8 | 55.9 | 55.1 - 56.7 | 0.2 | 0.1 - 0.3 | 56.8 | 56.0 - 57.5 | 43.1 | 42.3 - 43.9 | 0.2 | 0.1 - 0.3 | 59,952 |
| Education | | | | | | | | | | | | | |
| Never attended school | 50.8 | 46.0 - 55.6 | 49 | 44.4 - 54.0 | 0.0 | 0.0 - 0.1 | 64.0 | 59.3 - 68.5 | 36.0 | 31.5 - 40.7 | 0.0 | 0.0 - 0.1 | 878 |
| Some primary school/Islamic primary school | 45.4 | 41.7 - 49.2 | 55 | 50.7 - 58.2 | 0.1 | 0.0 - 0.4 | 58.7 | 55.0 - 62.3 | 41.2 | 37.6 - 44.9 | 0.1 | 0.0 - 0.4 | 2,163 |
| Primary school/Islamic primary school graduate | 45.8 | 44.0 - 47.6 | 54 | 52.0 - 55.6 | 0.4 | 0.2 - 0.8 | 58.7 | 56.9 - 60.5 | 40.9 | 39.2 - 42.7 | 0.4 | 0.2 - 0.8 | 10,437 |
| Junior secondary school/Islamic junior secondary school graduate | 43.9 | 42.4 - 45.4 | 56 | 54.5 - 57.5 | 0.2 | 0.1 - 0.4 | 57.5 | 56.0 - 58.9 | 42.3 | 40.9 - 43.8 | 0.2 | 0.1 - 0.4 | 14,282 |
| Senior secondary school/Islamic senior secondary school graduate | 43.2 | 42.1 - 44.4 | 57 | 55.5 - 57.8 | 0.1 | 0.0 - 0.2 | 55.8 | 54.7 - 56.9 | 44.1 | 43.0 - 45.2 | 0.1 | 0.0 - 0.2 | 23,482 |
| D1/D2/D3/university graduate | 42.9 | 41.3 - 44.5 | 57 | 55.4 - 58.6 | 0.2 | 0.1 - 0.3 | 54.7 | 53.1 - 56.3 | 45.2 | 43.6 - 46.7 | 0.1 | 0.1 - 0.3 | 8,821 |
| Occupation | | | | | | | | | | | | | |
| Unemployed | 44.3 | 43.3 - 45.3 | 55.6 | 54.6 - 56.7 | 0.1 | 0.0 - 0.1 | 57.4 | 56.4 - 58.4 | 42.5 | 41.5 - 43.5 | 0.1 | 0.0 - 0.1 | 37,833 |
| Student | 48.5 | 40.4 - 56.7 | 51.5 | 43.3 - 59.6 | 0 | 0 | 58.0 | 49.6 - 65.9 | 42.0 | 34.1 - 50.4 | 0 | 0 | 338 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 43.9 | 40.8 - 47.0 | 55.9 | 52.8 - 58.9 | 0.2 | 0.1 - 0.4 | 52.5 | 49.4 - 55.6 | 47.3 | 44.2 - 50.4 | 0.2 | 0.1 - 0.4 | 1,678 |
| Private employee | 41.5 | 39.1 - 43.9 | 58.4 | 55.9 - 60.7 | 0.2 | 0.1 - 0.4 | 52.9 | 50.5 - 55.2 | 46.9 | 44.6 - 49.3 | 0.2 | 0.1 - 0.4 | 5,404 |
| Self-employed | 43.5 | 41.3 - 45.8 | 56.1 | 53.8 - 58.2 | 0.4 | 0.2 - 1.0 | 56.3 | 54.1 - 58.5 | 43.3 | 41.1 - 45.5 | 0.4 | 0.2 - 1.0 | 5,293 |
| Farmer/farm worker | 46.4 | 43.6 - 49.2 | 53.3 | 50.6 - 56.1 | 0.3 | 0.1 - 1.3 | 57.3 | 54.7 - 59.9 | 42.4 | 39.8 - 44.9 | 0.3 | 0.1 - 1.3 | 2,854 |
| Fisher | 23.3 | 9.4 - 47.0 | 76.7 | 53.0 - 90.6 | 0 | 0 | 70.1 | 47.8 - 85.7 | 29.9 | 14.3 - 52.2 | 0 | 0 | 42* |
| Labor/driver/domestic help | 44.7 | 39.4 - 50.2 | 55.0 | 49.6 - 60.3 | 0.3 | 0.1 - 1.1 | 60.0 | 54.9 - 64.8 | 39.8 | 34.9 - 44.8 | 0.3 | 0.1 - 1.1 | 1,207 |
| Others | 43.2 | 41.1 - 45.3 | 56.4 | 54.3 - 58.5 | 0.4 | 0.1 - 1.5 | 56.7 | 54.7 - 58.7 | 42.9 | 40.9 - 44.9 | 0.4 | 0.1 - 1.5 | 5,416 |
| Residence | | | | | | | | | | | | | |
| Urban | 44.8 | 43.7 - 45.9 | 55.0 | 53.9 - 56.1 | 0.1 | 0.1 - 0.2 | 57.4 | 56.3 - 58.4 | 42.5 | 41.4 - 43.5 | 0.1 | 0.1 - 0.2 | 33,366 |
| Rural | 42.9 | 41.8 - 44.1 | 56.9 | 55.7 - 58.1 | 0.2 | 0.1 - 0.4 | 56.0 | 54.9 - 57.2 | 43.8 | 42.7 - 45.0 | 0.2 | 0.1 - 0.4 | 26,698 |
| Economic Status | | | | | | | | | | | | | |
| Lowest | 46.7 | 44.8 - 48.6 | 53.2 | 51.4 - 55.1 | 0.1 | 0.0 - 0.2 | 59.6 | 57.8 - 61.5 | 40.3 | 38.5 - 42.1 | 0.1 | 0.0 - 0.2 | 7,546 |
| Lower middle | 44.5 | 42.8 - 46.1 | 55.3 | 53.6 - 56.9 | 0.3 | 0.1 - 0.7 | 57.8 | 56.2 - 59.4 | 41.9 | 40.3 - 43.5 | 0.3 | 0.1 - 0.7 | 10,861 |
| Middle | 43.9 | 42.4 - 45.4 | 56.0 | 54.5 - 57.4 | 0.1 | 0.1 - 0.2 | 57.7 | 56.2 - 59.1 | 42.2 | 40.8 - 43.7 | 0.1 | 0.1 - 0.2 | 13,244 |
| Upper middle | 43.2 | 41.6 - 44.7 | 56.7 | 55.1 - 58.2 | 0.2 | 0.1 - 0.4 | 56.4 | 54.9 - 57.9 | 43.5 | 42.0 - 45.0 | 0.2 | 0.1 - 0.4 | 14,862 |
| Highest | 43.0 | 41.4 - 44.6 | 56.8 | 55.2 - 58.4 | 0.2 | 0.1 - 0.3 | 53.9 | 52.3 - 55.4 | 45.9 | 44.4 - 47.5 | 0.2 | 0.1 - 0.3 | 13,551 |

*Weighted N < 50

2. Proportion of Main Reasons for Not Taking/Finishing IFA Tablets

Definition: The main reasons pregnant women did not take or finish IFA tablets during their last pregnancy. The various main reasons for not consuming IFA tablets include feeling unnecessary/useless, forgetting, unpleasant taste and smell, nausea/vomiting due to pregnancy, side effects (nausea, constipation, black stools), considering them as medicine, not yet finished, boredom, and others.

$$\frac{\text{Proportion of Main Reasons for Not Taking/Finishing Program IFA Tablets}}{\text{Number of Women aged 10-54 years who did not take/finish program IFA tablets during their last pregnancy according to main reason}} = \frac{\text{Total number of Women aged 10-54 years who did not take/finish program IFA tablets during their last pregnancy}}{\text{Total number of Women aged 10-54 years who did not take/finish program IFA tablets during their last pregnancy}}$$

3. Proportion of Main Reasons for Not Obtaining/Buying IFA Tablets

Definition: The main reasons pregnant women did not obtain or buy IFA tablets during their last pregnancy.

$$\frac{\text{Proportion of Main Reasons Pregnant Women Did Not Obtain/Buy IFA Tablets}}{\text{Number of Women aged 10-54 years who did not obtain/buy IFA tablets during their last pregnancy according to main reason}} = \frac{\text{Total number of Women aged 10-54 years who did not obtain/buy IFA tablets during their last pregnancy}}{\text{Total number of Women aged 10-54 years who did not obtain/buy IFA tablets during their last pregnancy}}$$

Table 14.37 Proportion of Main Reasons for Not Taking/Finishing Program Iron Folic Acid (IFA) Tablets During Last Pregnancy by Women Aged 10-54 Years by Province, 2023 SKI

| Province | Main Reasons for Not Taking/Finishing IFA Tablets (%) | | | | | | | | Weighted N | |
|--------------------|---|-------------|----------------------------|----------------------------------|--------------|---------------------------|-----------------|-------------|------------|---------------|
| | Felt unnecessary/unbeneficial | Forgot | Unpleasant taste and smell | Nausea/vomiting due to pregnancy | Side effects | Considered it as medicine | Still had stock | Boredom | Others | |
| Aceh | 4.6 | 34.3 | 6.7 | 18.7 | 22.1 | 2.8 | 1.2 | 7.1 | 2.4 | 565 |
| North Sumatra | 7.0 | 36.9 | 12.5 | 17.8 | 10.3 | 3.3 | 0.7 | 8.6 | 3.0 | 788 |
| West Sumatra | 5.8 | 31.5 | 12.3 | 17.3 | 18.9 | 3.1 | 0.4 | 8.1 | 2.5 | 455 |
| Riau | 4.3 | 34.4 | 5.3 | 22.3 | 13.2 | 1.6 | 1.7 | 12.9 | 4.2 | 389 |
| Jambi | 2.4 | 15.0 | 8.5 | 43.4 | 22.7 | 0 | 0.2 | 7.1 | 0.7 | 229 |
| South Sumatra | 6.0 | 24.1 | 16.5 | 24.3 | 13.1 | 1.3 | 1.0 | 10.8 | 2.9 | 483 |
| Bengkulu | 4.5 | 25.1 | 17.3 | 27.2 | 10.3 | 2.6 | 1.8 | 10.3 | 1.0 | 134 |
| Lampung | 2.7 | 28.5 | 13.9 | 18.4 | 8.9 | 2.5 | 5.5 | 18.1 | 1.6 | 637 |
| Babel Islands | 4.8 | 18.5 | 11.2 | 31.6 | 12.1 | 1.6 | 0 | 11.4 | 8.6 | 60 |
| Riau Islands | 6.5 | 18.1 | 9.2 | 22.6 | 14.1 | 2.0 | 0 | 22.2 | 5.3 | 86 |
| D.K.I. Jakarta | 5.2 | 27.1 | 11.9 | 26.1 | 8.9 | 1.5 | 3.7 | 9.3 | 6.4 | 551 |
| West Java | 7.0 | 25.3 | 11.2 | 24.7 | 13.2 | 3.3 | 1.7 | 8.1 | 5.5 | 3,943 |
| Central Java | 4.7 | 27.6 | 13.2 | 22.9 | 9.4 | 1.9 | 2.4 | 13.9 | 4.0 | 2,530 |
| D.I. Yogyakarta | 1.7 | 32.3 | 16.6 | 19.8 | 7.1 | 2.0 | 2.1 | 5.1 | 13.3 | 148 |
| East Java | 8.0 | 23.7 | 11.6 | 20.4 | 12.9 | 3.0 | 2.0 | 11.9 | 6.6 | 2,649 |
| Banten | 3.0 | 20.3 | 7.6 | 30.5 | 20.3 | 1.8 | 1.9 | 8.2 | 6.3 | 1,036 |
| Bali | 0.6 | 51.5 | 3.9 | 27.1 | 10.0 | 3.1 | 1.9 | 0.9 | 1.2 | 70 |
| West Nusa Tenggara | 5.6 | 35.6 | 17.3 | 21.0 | 5.6 | 1.3 | 2.0 | 5.3 | 6.3 | 611 |
| East Nusa Tenggara | 4.2 | 32.5 | 12.5 | 22.2 | 8.4 | 2.5 | 3.8 | 5.9 | 8.0 | 213 |
| West Kalimantan | 5.5 | 21.6 | 15.8 | 32.3 | 11.2 | 4.6 | 1.1 | 3.9 | 4.0 | 325 |
| Central Kalimantan | 8.2 | 18.7 | 20.7 | 27.6 | 10.2 | 1.6 | 3.5 | 6.4 | 2.9 | 99 |
| South Kalimantan | 4.6 | 30.6 | 10.8 | 17.2 | 22.0 | 1.9 | 3.0 | 5.9 | 4.1 | 241 |
| East Kalimantan | 6.6 | 31.0 | 9.2 | 24.3 | 11.0 | 1.4 | 2.5 | 7.9 | 6.3 | 325 |
| North Kalimantan | 2.5 | 21.9 | 24.0 | 20.9 | 14.4 | 0.9 | 1.6 | 10.2 | 3.7 | 51 |
| North Sulawesi | 6.8 | 28.8 | 9.8 | 22.3 | 15.7 | 1.1 | 0.8 | 8.2 | 6.5 | 181 |
| Central Sulawesi | 6.5 | 22.7 | 11.5 | 20.8 | 17.3 | 4.4 | 0.6 | 9.1 | 7.1 | 223 |
| South Sulawesi | 10.0 | 23.6 | 18.0 | 11.5 | 7.1 | 4.8 | 2.3 | 13.5 | 9.2 | 895 |
| Southeast Sulawesi | 5.9 | 24.9 | 16.0 | 22.9 | 15.7 | 2.9 | 0.9 | 5.9 | 4.9 | 248 |
| Gorontalo | 5.4 | 13.8 | 9.4 | 22.1 | 31.9 | 3.4 | 0.2 | 6.9 | 6.9 | 133 |
| West Sulawesi | 8.7 | 41.5 | 11.9 | 10.2 | 14.7 | 2.0 | 0.9 | 1.5 | 8.7 | 134 |
| Maluku | 8.2 | 31.4 | 8.1 | 20.9 | 9.8 | 5.7 | 0.1 | 12.0 | 3.8 | 137 |
| North Maluku | 7.3 | 28.0 | 24.2 | 15.2 | 7.2 | 1.2 | 0.5 | 10.2 | 6.1 | 84 |
| West Papua | 2.8 | 46.6 | 7.4 | 20.8 | 15.2 | 0 | 0.5 | 6.1 | 0.6 | 35* |
| Southwest Papua | 5.2 | 48.6 | 7.4 | 17.9 | 3.8 | 1.4 | 0.6 | 9.3 | 5.8 | 45* |
| Papua | 10.1 | 24.1 | 17.1 | 18.5 | 15.1 | 0 | 0.1 | 9.9 | 5.2 | 72 |
| South Papua | 8.1 | 26.3 | 19.3 | 15.6 | 8.4 | 0 | 7.5 | 8.9 | 5.8 | 36* |
| Central Papua | 1.4 | 56.1 | 6.0 | 7.9 | 3.7 | 5.6 | 1.9 | 6.6 | 10.9 | 21* |
| Highland Papua | 0 | 72.5 | 3.0 | 2.3 | 1.8 | 0.6 | 0.7 | 9.2 | 9.8 | 29* |
| INDONESIA | 6.0 | 27.0 | 12.2 | 22.4 | 12.7 | 2.6 | 1.9 | 10.0 | 5.2 | 18,892 |

*Weighted N < 50

Table 14.38 Proportion of Main Reasons for Not Taking/Finishing Program Iron Folic Acid (IFA) Tablets During Last Pregnancy by Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Main Reasons for Not Taking/Finishing IFA Tablets (%) | | | | | | | | Weighted N |
|--|---|--------|----------------------------|----------------------------------|--------------|---------------------------|-----------------|---------|------------|
| | Felt unnecessary/unbeneficial | Forgot | Unpleasant taste and smell | Nausea/vomiting due to pregnancy | Side effects | Considered it as medicine | Still had stock | Boredom | |
| Age Range | | | | | | | | | |
| 10 - 14 | 0 | 13.7 | 0 | 0 | 0 | 0 | 0 | 86.3 | 0 |
| 15 - 19 | 8.7 | 27.1 | 16.5 | 16.1 | 10.1 | 4.0 | 0.4 | 11.9 | 5.1 |
| 20 - 24 | 5.6 | 26.6 | 14.1 | 24.5 | 12.3 | 2.6 | 1.6 | 9.0 | 3.7 |
| 25 - 29 | 5.6 | 25.7 | 12.5 | 22.0 | 13.1 | 2.9 | 2.4 | 10.2 | 5.5 |
| 30 - 34 | 6.3 | 28.6 | 10.8 | 22.6 | 12.8 | 2.6 | 1.7 | 9.5 | 5.1 |
| 35 - 39 | 5.7 | 25.9 | 13.0 | 21.7 | 12.3 | 2.8 | 1.9 | 10.5 | 6.2 |
| 40 - 44 | 7.0 | 29.8 | 9.2 | 23.1 | 12.1 | 1.9 | 1.7 | 10.7 | 4.4 |
| 45 - 49 | 10.8 | 26.1 | 11.0 | 14.8 | 13.0 | 1.0 | 1.7 | 12.5 | 9.1 |
| 50 - 54 | 3.0 | 36.7 | 15.8 | 22.6 | 16.0 | 1.1 | 0 | 3.8 | 1.1 |
| Age Range (Specific) | | | | | | | | | |
| 10 - 19 (Teenager) | 8.6 | 27.1 | 16.4 | 16.0 | 10.1 | 4.0 | 0.4 | 12.4 | 5.1 |
| 15 - 49 (WRA) | 6.0 | 27.0 | 12.1 | 22.4 | 12.7 | 2.6 | 1.9 | 10.0 | 5.2 |
| Education | | | | | | | | | |
| Never attended school | 11.6 | 30.3 | 10.4 | 18.6 | 14.7 | 1.3 | 1.3 | 8.1 | 3.7 |
| Some primary school/Islamic primary school | 3.9 | 26.5 | 11.8 | 23.3 | 17.4 | 1.8 | 1.6 | 9.6 | 4.1 |
| Primary school/Islamic primary school graduate | 7.3 | 25.4 | 13.5 | 22.4 | 12.4 | 3.2 | 1.2 | 8.7 | 5.9 |
| Junior secondary school/Islamic junior secondary school graduate | 5.7 | 26.1 | 12.0 | 24.2 | 12.8 | 2.2 | 1.9 | 10.8 | 4.2 |
| Senior secondary school/Islamic senior secondary school graduate | 5.5 | 27.3 | 12.0 | 22.1 | 12.4 | 2.9 | 2.1 | 10.5 | 5.3 |
| D1/D2/D3/university graduate | 6.6 | 29.5 | 11.3 | 20.1 | 12.1 | 2.3 | 2.5 | 9.1 | 6.5 |
| Occupation | | | | | | | | | |
| Unemployed | 6.1 | 26.7 | 12.3 | 23.2 | 12.2 | 2.9 | 1.8 | 9.9 | 4.9 |
| Student | 10.6 | 39.8 | 9.5 | 16.4 | 9.7 | 1.0 | 1.8 | 5.9 | 5.3 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 7.9 | 22.9 | 11.0 | 19.6 | 15.4 | 2.2 | 2.5 | 10.2 | 8.4 |
| Private employee | 7.1 | 28.5 | 11.3 | 21.5 | 12.1 | 1.7 | 2.5 | 10.3 | 5.0 |
| Self-employed | 5.6 | 26.8 | 12.0 | 19.8 | 13.3 | 2.7 | 2.6 | 10.6 | 6.6 |
| Farmer/farm worker | 4.5 | 29.6 | 12.2 | 21.6 | 13.2 | 1.9 | 2.1 | 10.4 | 4.6 |
| Fisher | 0.8 | 2.3 | 10.1 | 1.6 | 10.2 | 1.0 | 23.6 | 1.6 | 48.9 |
| Labor/driver/domestic help | 5.6 | 25.8 | 10.1 | 25.4 | 13.7 | 2.4 | 1.1 | 10.7 | 5.2 |
| Others | 4.9 | 27.1 | 13.2 | 20.7 | 15.0 | 2.5 | 1.3 | 10.1 | 5.2 |
| Residence | | | | | | | | | |
| Urban | 6.5 | 26.3 | 11.8 | 22.4 | 12.0 | 2.9 | 2.0 | 10.5 | 5.7 |
| Rural | 5.5 | 27.9 | 12.6 | 22.4 | 13.6 | 2.4 | 1.8 | 9.4 | 4.6 |
| Economic Status | | | | | | | | | |
| Lowest | 5.6 | 27.2 | 14.3 | 21.6 | 12.7 | 2.3 | 1.3 | 8.6 | 6.4 |
| Lower middle | 6.4 | 24.9 | 12.7 | 22.6 | 14.0 | 3.9 | 2.3 | 9.7 | 3.5 |
| Middle | 5.9 | 26.9 | 12.3 | 22.3 | 13.4 | 2.2 | 2.2 | 10.4 | 4.4 |
| Upper middle | 5.8 | 27.9 | 10.6 | 23.7 | 12.7 | 1.9 | 1.5 | 10.4 | 5.4 |
| Highest | 6.4 | 27.7 | 12.1 | 21.1 | 10.5 | 3.1 | 2.1 | 10.1 | 6.8 |

*Weighted N < 50

Table 14.39 Proportion of Main Reasons for Not Taking/Finishing Self-Obtained Iron Folic Acid (IFA) Tablets During Last Pregnancy by Women Aged 10-54 Years by Characteristic, 2023 SKI

| Characteristic | Main Reasons for Not Taking/Finishing IFA Tablets (%) | | | | | | | | Weighted N |
|--|---|-------------|----------------------------|----------------------------------|--------------|--------------------------|-----------------|-------------|------------|
| | Felt unnecessary/unbeneficial | Forgot | Unpleasant taste and smell | Nausea/vomiting due to pregnancy | Side effects | Considered it a medicine | Still had stock | Boredom | |
| Age Range | | | | | | | | | |
| 10 - 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* |
| 15 - 19 | 0 | 0.8 | 5.9 | 16.5 | 48.9 | 0 | 0 | 27.0 | 0.9 |
| 20 - 24 | 6.5 | 19.9 | 19.0 | 16.7 | 12.6 | 3.2 | 5.7 | 8.1 | 8.3 |
| 25 - 29 | 4.8 | 30.8 | 9.0 | 21.7 | 11.7 | 3.0 | 2.2 | 10.4 | 6.4 |
| 30 - 34 | 3.6 | 24.0 | 11.5 | 24.9 | 9.8 | 2.3 | 2.6 | 14.7 | 6.6 |
| 35 - 39 | 3.0 | 24.1 | 10.1 | 18.1 | 16.5 | 3.0 | 6.1 | 16.3 | 2.9 |
| 40 - 44 | 4.5 | 37.2 | 10.5 | 19.2 | 4.4 | 0.9 | 0.3 | 13.5 | 9.6 |
| 45 - 49 | 0 | 18.5 | 1.0 | 6.6 | 19.5 | 0.6 | 2.5 | 36.3 | 14.8 |
| 50 - 54 | 0 | 55.7 | 0 | 0 | 44.3 | 0 | 0 | 0 | 0 |
| Age Range (Specific) | | | | | | | | | |
| 10 - 19 (Teenager) | 0 | 0.8 | 5.9 | 16.5 | 48.9 | 0 | 0 | 27.0 | 0.9 |
| 15 - 49 (WRA) | 4.3 | 26.5 | 11.1 | 20.8 | 12.0 | 2.6 | 3.2 | 13.1 | 6.5 |
| Education | | | | | | | | | |
| Never attended school | 1.8 | 53.9 | 4.4 | 0 | 1.5 | 0 | 0 | 1.5 | 37.0 |
| Some primary school/Islamic primary school | 36.3 | 12.3 | 16.4 | 4.7 | 13.6 | 1.3 | 1.3 | 11.5 | 2.7 |
| Primary school/Islamic primary school graduate | 1.6 | 21.4 | 20.3 | 20.5 | 14.7 | 1.1 | 0.2 | 9.1 | 11.2 |
| Junior secondary school/Islamic junior secondary school graduate | 4.0 | 23.1 | 12.9 | 23.4 | 12.8 | 4.1 | 2.3 | 11.7 | 5.7 |
| Senior secondary school/Islamic senior secondary school graduate | 3.2 | 28.6 | 9.0 | 20.4 | 13.3 | 2.4 | 3.6 | 13.8 | 5.9 |
| D1/D2/D3/university graduate | 5.3 | 29.3 | 7.9 | 21.2 | 7.2 | 2.4 | 5.6 | 16.4 | 4.9 |
| Occupation | | | | | | | | | |
| Unemployed | 4.7 | 27.1 | 11.6 | 20.1 | 12.1 | 2.8 | 2.2 | 11.8 | 7.6 |
| Student | 0 | 24.8 | 31.2 | 0 | 30.7 | 0 | 0 | 13.3 | 0 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 4.6 | 32.3 | 11.8 | 21.8 | 10.6 | 6.5 | 2.1 | 7.9 | 2.4 |
| Private employee | 1.0 | 29.3 | 7.5 | 21.6 | 14.1 | 0 | 4.5 | 18.7 | 3.3 |
| Self-employed | 5.0 | 27.6 | 6.0 | 26.3 | 9.5 | 4.9 | 8.0 | 7.0 | 5.6 |
| Farmer/farm worker | 9.9 | 19.6 | 20.1 | 4.3 | 12.0 | 0 | 8.3 | 20.8 | 5.1 |
| Fisher | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0* |
| Labor/driver/domestic help | 1.3 | 13.9 | 21.0 | 34.1 | 20.0 | 0 | 4.8 | 3.0 | 1.9 |
| Others | 5.2 | 19.6 | 10.9 | 19.1 | 7.2 | 2.8 | 2.9 | 24.8 | 7.6 |
| Residence | | | | | | | | | |
| Urban | 3.9 | 26.0 | 10.3 | 22.3 | 12.0 | 2.4 | 3.1 | 12.8 | 7.2 |
| Rural | 5.1 | 27.7 | 12.8 | 17.2 | 12.0 | 3.0 | 3.4 | 13.9 | 4.9 |
| Economic Status | | | | | | | | | |
| Lowest | 8.5 | 28.4 | 13.0 | 12.0 | 7.3 | 3.5 | 0 | 19.1 | 8.1 |
| Lower middle | 2.9 | 18.7 | 12.7 | 22.1 | 18.9 | 3.4 | 5.1 | 8.1 | 8.1 |
| Middle | 2.4 | 29.4 | 11.5 | 14.8 | 13.9 | 1.7 | 0.9 | 16.2 | 9.3 |
| Upper middle | 5.4 | 25.7 | 9.1 | 23.5 | 11.7 | 4.6 | 3.6 | 12.6 | 3.8 |
| Highest | 4.1 | 27.9 | 11.6 | 22.7 | 9.7 | 1.1 | 4.0 | 12.5 | 6.4 |
| INDONESIA | 4.3 | 26.5 | 11.1 | 20.8 | 12.0 | 2.6 | 3.2 | 13.1 | 6.5 |

*Weighted N < 50

Table 14.40 Proportion of Main Reasons for Not Obtaining/Buying Iron Folic Acid (IFA) Tablets During Last Pregnancy by Women Aged 10-54 Years by Province, 2023 SKI

| Province | Main Reasons for Not Obtaining/Buying IFA Tablets (%) | | | | | | | | | Weighted N |
|--------------------|---|--------------------------|-------------------------------|----------------------------|--------------|---------------------------|------------|-------------|-------------|--------------|
| | Not given by health worker | IFA tablets out of stock | Felt unnecessary/unbeneficial | Unpleasant taste and smell | Side effects | Considered it as medicine | No money | Unknown | Others | |
| Aceh | 16.5 | 0.9 | 27.1 | 12.1 | 15.5 | 5.1 | 1.2 | 15.2 | 6.4 | 181 |
| North Sumatra | 23.7 | 0.9 | 18.8 | 6.3 | 6.2 | 3.6 | 2.2 | 32.5 | 5.8 | 716 |
| West Sumatra | 27.0 | 0.8 | 20.5 | 7.7 | 13.9 | 2.2 | 0 | 20.9 | 7.0 | 120 |
| Riau | 28.0 | 1.2 | 25.6 | 6.3 | 8.0 | 4.0 | 2.0 | 17.9 | 7.1 | 253 |
| Jambi | 12.1 | 1.0 | 26.6 | 12.3 | 14.2 | 4.2 | 0 | 23.4 | 6.2 | 51 |
| South Sumatra | 28.9 | 0.9 | 16.7 | 7.0 | 5.0 | 3.7 | 1.8 | 29.4 | 6.7 | 302 |
| Bengkulu | 27.2 | 8.7 | 19.3 | 8.9 | 6.1 | 0.7 | 0.2 | 21.8 | 7.1 | 42* |
| Lampung | 10.5 | 5.7 | 20.0 | 18.5 | 10.8 | 2.0 | 0.7 | 21.3 | 10.4 | 209 |
| Babel Islands | 18.6 | 0 | 12.3 | 28.0 | 8.6 | 3.0 | 0 | 19.7 | 9.7 | 43* |
| Riau Islands | 54.5 | 0 | 10.2 | 7.5 | 5.3 | 2.3 | 0 | 10.5 | 9.6 | 90 |
| D.K.I. Jakarta | 36.7 | 0 | 15.1 | 5.0 | 7.8 | 3.4 | 0.2 | 19.0 | 12.8 | 279 |
| West Java | 35.1 | 0.2 | 15.5 | 4.3 | 4.3 | 1.1 | 1.0 | 26.8 | 11.8 | 1,099 |
| Central Java | 20.9 | 0.6 | 20.4 | 5.3 | 3.0 | 2.7 | 0.5 | 33.3 | 13.3 | 327 |
| D.I. Yogyakarta | 33.9 | 0 | 11.8 | 0.9 | 4.4 | 0 | 0 | 23.9 | 25.1 | 43* |
| East Java | 32.2 | 0 | 16.7 | 3.9 | 3.6 | 1.3 | 1.0 | 22.7 | 18.7 | 613 |
| Banten | 21.5 | 0.9 | 14.2 | 9.9 | 4.7 | 3.4 | 3.5 | 32.7 | 9.2 | 246 |
| Bali | 61.2 | 1.3 | 5.4 | 7.2 | 0 | 1.4 | 0 | 17.2 | 6.2 | 42* |
| West Nusa Tenggara | 25.7 | 0 | 3.8 | 11.7 | 4.8 | 0 | 0 | 42.9 | 11.1 | 45* |
| East Nusa Tenggara | 17.6 | 2.5 | 12.9 | 7.1 | 3.9 | 0.8 | 4.0 | 26.6 | 24.6 | 81 |
| West Kalimantan | 18.6 | 6.0 | 24.5 | 17.5 | 7.8 | 2.7 | 0 | 14.9 | 8.0 | 172 |
| Central Kalimantan | 12.5 | 2.4 | 23.2 | 11.7 | 11.4 | 1.4 | 2.0 | 28.6 | 6.8 | 100 |
| South Kalimantan | 10.6 | 0 | 25.8 | 1.3 | 22.3 | 1.7 | 0 | 26.9 | 11.4 | 59 |
| East Kalimantan | 32.0 | 0 | 31.4 | 6.4 | 5.4 | 0.5 | 0 | 14.3 | 10.0 | 112 |
| North Kalimantan | 37.8 | 0 | 8.5 | 15.2 | 3.0 | 0.4 | 3.4 | 21.3 | 10.4 | 17* |
| North Sulawesi | 12.7 | 0.4 | 18.6 | 3.6 | 10.1 | 9.6 | 3.0 | 33.5 | 8.6 | 77 |
| Central Sulawesi | 7.6 | 4.6 | 17.7 | 6.4 | 4.4 | 2.6 | 2.0 | 34.3 | 20.4 | 72 |
| South Sulawesi | 24.8 | 3.6 | 16.9 | 7.2 | 2.3 | 2.7 | 0 | 22.6 | 19.9 | 175 |
| Southeast Sulawesi | 21.0 | 2.5 | 16.8 | 7.8 | 8.5 | 1.1 | 1.5 | 29.6 | 11.3 | 101 |
| Gorontalo | 8.6 | 0 | 27.9 | 12.7 | 19.3 | 0.8 | 0 | 23.7 | 7.0 | 24* |
| West Sulawesi | 11.9 | 0 | 20.9 | 2.8 | 7.9 | 0 | 0 | 25.1 | 31.3 | 27* |
| Maluku | 19.0 | 3.2 | 18.7 | 4.0 | 9.6 | 1.8 | 0.5 | 25.9 | 17.3 | 92 |
| North Maluku | 19.8 | 0.8 | 14.9 | 17.3 | 6.2 | 2.8 | 0.3 | 26.5 | 11.4 | 51 |
| West Papua | 10.1 | 1.5 | 23.6 | 9.1 | 2.3 | 0.4 | 2.8 | 37.7 | 12.7 | 28* |
| Southwest Papua | 22.0 | 2.1 | 17.2 | 1.0 | 5.3 | 3.2 | 0.6 | 34.0 | 14.6 | 50 |
| Papua | 10.1 | 6.7 | 18.3 | 11.1 | 4.0 | 3.2 | 2.4 | 32.7 | 11.5 | 35* |
| South Papua | 6.2 | 0.6 | 7.1 | 5.9 | 3.0 | 0 | 3.4 | 55.1 | 18.9 | 24* |
| Central Papua | 2.2 | 0.1 | 32.3 | 0.3 | 2.3 | 1.4 | 0.0 | 51.2 | 10.2 | 244 |
| Highland Papua | 27.7 | 2.4 | 16.1 | 0.9 | 3.1 | 1.5 | 0 | 43.7 | 4.6 | 187 |
| INDONESIA | 25.5 | 1.2 | 18.6 | 6.7 | 6.1 | 2.4 | 1.1 | 27.3 | 11.2 | 6,432 |

*Weighted N < 50

Table 14.41 Main Reasons for Not Obtaining/Buying Iron Folic Acid (IFA) Tablets During Last Pregnancy by Women Aged 10-54 Years by Characteristic

| Characteristic | Main Reasons for Not Obtaining/Buying IFA Tablets (%) | | | | | | | | Weighted N | |
|--|---|--------------------------|-------------------------------|----------------------------|--------------|---------------------------|----------|---------|------------|-------|
| | Not given by health worker | IFA tablets out of stock | Felt unnecessary/unbeneficial | Unpleasant taste and smell | Side effects | Considered it as medicine | No money | Unknown | | |
| 15 - 19 | 30.2 | 1.5 | 8.2 | 2.3 | 0.5 | 3.3 | 1.2 | 48.2 | 4.6 | 187 |
| 20 - 24 | 22.1 | 2.5 | 21.1 | 7.9 | 4.4 | 2.2 | 0.8 | 30.1 | 8.9 | 792 |
| 25 - 29 | 24.1 | 1.0 | 20.1 | 6.9 | 6.2 | 2.3 | 0.8 | 26.2 | 12.2 | 1,523 |
| 30 - 34 | 28.8 | 0.9 | 18.3 | 5.8 | 6.5 | 1.5 | 1.4 | 25.8 | 11.0 | 1,780 |
| 35 - 39 | 27.6 | 1.0 | 17.2 | 7.8 | 7.5 | 2.9 | 0.7 | 24.7 | 10.6 | 1,226 |
| 40 - 44 | 22.3 | 1.5 | 18.7 | 6.2 | 5.7 | 3.0 | 2.4 | 27.1 | 13.1 | 622 |
| 45 - 49 | 19.4 | 0.1 | 16.2 | 7.2 | 4.8 | 3.5 | 1.2 | 33.2 | 14.5 | 263 |
| 50 - 54 | 5.7 | 1.0 | 36.7 | 0.4 | 5.6 | 3.5 | | 29.1 | 18.0 | 39* |
| Age Range (Specific) | | | | | | | | | | |
| 10 - 19 (Teenager) | 30.1 | 1.5 | 8.2 | 2.3 | 0.5 | 3.3 | 1.2 | 48.2 | 4.6 | 187 |
| 15 - 49 (WRA) | 25.6 | 1.2 | 18.5 | 6.7 | 6.1 | 2.3 | 1.1 | 27.3 | 11.1 | 6,393 |
| Education | | | | | | | | | | |
| Never attended school | 26.6 | 2.5 | 20.7 | 2.7 | 4.7 | 2.7 | 0.8 | 25.8 | 13.6 | 281 |
| Some primary school | 11.7 | 0.7 | 26.3 | 3.7 | 2.4 | 2.0 | 0.7 | 44.9 | 7.7 | 377 |
| Primary school graduate | 17.4 | 1.2 | 22.1 | 8.2 | 5.9 | 2.2 | 3.8 | 27.6 | 11.7 | 1,016 |
| Junior secondary school graduate | 17.4 | 1.4 | 20.1 | 9.4 | 6.9 | 2.7 | 1.0 | 29.7 | 11.5 | 1,225 |
| Senior secondary school graduate | 29.7 | 1.3 | 15.8 | 5.9 | 6.8 | 2.7 | 0.6 | 27.6 | 9.7 | 2,372 |
| D1/D2/D3/university graduate | 37.0 | 0.6 | 16.8 | 6.0 | 5.4 | 1.5 | 0.2 | 18.6 | 13.9 | 1,162 |
| Occupation | | | | | | | | | | |
| Unemployed | 25.8 | 1.5 | 17.3 | 6.7 | 5.8 | 2.5 | 1.1 | 28.8 | 10.5 | 3,883 |
| Student | 13.4 | 0 | 15.2 | 13.0 | 8.8 | 6.0 | 0 | 30.6 | 13.1 | 46* |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 39.9 | 1.0 | 13.8 | 6.1 | 5.3 | 0.7 | 0 | 22.3 | 10.9 | 222 |
| Private employee | 38.1 | 0.4 | 16.4 | 3.6 | 6.6 | 1.8 | 0.4 | 23.1 | 9.6 | 646 |
| Self-employed | 28.8 | 0.3 | 24.4 | 7.2 | 6.0 | 1.8 | 0.1 | 20.9 | 10.5 | 480 |
| Farmer/farm worker | 10.3 | 1.3 | 25.5 | 9.0 | 4.7 | 3.5 | 3.4 | 31.1 | 11.3 | 481 |
| Fisher | 7.0 | 0 | 64.5 | 0 | 1.3 | 0 | 0.5 | 25.9 | 0.9 | 12* |
| Labor/driver/domestic help | 20.0 | 0 | 18.3 | 5.9 | 7.5 | 4.6 | 1.9 | 25.6 | 16.1 | 102 |
| Others | 16.2 | 0.9 | 20.5 | 7.3 | 8.6 | 1.6 | 1.6 | 25.9 | 17.3 | 559 |
| Residence | | | | | | | | | | |
| Urban | 32.0 | 1.0 | 16.8 | 5.7 | 5.5 | 2.2 | 0.7 | 24.9 | 11.3 | 3,811 |
| Rural | 16.2 | 1.5 | 21.3 | 8.0 | 6.8 | 2.6 | 1.7 | 30.8 | 11.0 | 2,621 |
| Economic Status | | | | | | | | | | |
| Lowest | 11.1 | 2.0 | 21.8 | 4.5 | 4.4 | 2.4 | 2.7 | 38.5 | 12.6 | 1,156 |
| Lower middle | 21.7 | 1.9 | 21.0 | 8.1 | 7.3 | 1.9 | 1.8 | 24.2 | 12.0 | 934 |
| Middle | 21.9 | 0.8 | 20.0 | 7.0 | 7.8 | 3.7 | 1.1 | 29.0 | 8.7 | 1,116 |
| Upper middle | 24.2 | 1.4 | 19.3 | 9.4 | 6.6 | 2.9 | 0.8 | 26.5 | 8.9 | 1,290 |
| Highest | 38.9 | 0.4 | 14.4 | 5.2 | 5.1 | 1.4 | 0.1 | 21.6 | 12.8 | 1,936 |

*Weighted N < 50

CURRENTLY PREGNANT WOMEN RECEIVING IRON FOLIC ACID (IFA) TABLETS

1. Proportion of Currently Pregnant Women Receiving IFA Tablets

Definition: IFA tablets received during the current pregnancy (from the beginning of the pregnancy until the data collection).

$$\text{Proportion of Pregnant Women Receiving IFA Tablets} = \frac{\text{Number of Women Aged 10-54 Receiving IFA Tablets During Current Pregnancy}}{\text{Number of Women Aged 10-54 Currently Pregnant at the Time of Interview}}$$

2. Proportion of Sources of IFA Tablets for Currently Pregnant Women

Sources of IFA tablets include Program IFA Tablets and Self-obtained IFA Tablets. Program IFA Tablets are provided by the government and distributed to target groups through government health facilities (as shown in the illustration below).

Self-obtained IFA Tablets are iron supplements obtained based on prescriptions/instructions from health workers, purchased independently at private health facilities/pharmacies/drug stores, or received from family/others.

$$\text{Proportion of Sources of IFA Tablets for Currently Pregnant Women} = \frac{\text{Number of Women Aged 10-54 Receiving IFA Tablets During Current Pregnancy, by Source}}{\text{Number of Women Aged 10-54 Receiving IFA Tablets During Current Pregnancy}}$$

Table 14.42 Proportion of Women Aged 10-54 Years Receiving Iron Folic Acid (IFA) Tablets (During Current Pregnancy) and Their Sources by Province, 2023 SKI

| Province | Had Received IFA | | Weighted N | Program IFA | | Self-Obtained IFA | | Weighted N |
|--------------------|------------------|--------------------|--------------|-------------|--------------------|-------------------|--------------------|--------------|
| | % | 95% CI | | % | 95% CI | % | 95% CI | |
| Aceh | 84.9 | 78.3 - 89.8 | 81 | 92.3 | 87.5 - 95.3 | 16.0 | 10.8 - 23.2 | 67 |
| North Sumatra | 65.4 | 50.5 - 77.7 | 219 | 71.7 | 67.0 - 75.9 | 32.3 | 27.3 - 37.7 | 140 |
| West Sumatra | 77.4 | 70.1 - 83.4 | 105 | 92.6 | 85.6 - 96.3 | 13.6 | 8.5 - 21.1 | 79 |
| Riau | 71.4 | 61.9 - 79.4 | 111 | 90.7 | 81.9 - 95.5 | 11.2 | 5.9 - 20.3 | 78 |
| Jambi | 82.3 | 68.2 - 91.0 | 31 | 90.4 | 73.3 - 97.0 | 9.6 | 3.0 - 26.7 | 25* |
| South Sumatra | 75.8 | 65.7 - 83.6 | 102 | 84.5 | 71.7 - 92.2 | 21.0 | 11.9 - 34.4 | 76 |
| Bengkulu | 74.1 | 61.4 - 83.8 | 28 | 92.4 | 76.3 - 97.9 | 14.3 | 6.7 - 27.9 | 21* |
| Lampung | 81.6 | 73.0 - 88.0 | 181 | 95.2 | 87.2 - 98.3 | 9.5 | 4.6 - 18.7 | 145 |
| Babel Islands | 82.9 | 68.4 - 91.6 | 22 | 95.9 | 83.8 - 99.0 | 5.3 | 1.7 - 15.6 | 18* |
| Riau Islands | 76.2 | 62.8 - 85.9 | 62 | 65.1 | 43.9 - 81.6 | 42.3 | 24.5 - 62.3 | 46* |
| D,K,I, Jakarta | 79.2 | 64.5 - 88.9 | 164 | 86.7 | 72.3 - 94.2 | 13.3 | 5.8 - 27.7 | 127 |
| West Java | 77.4 | 70.0 - 83.3 | 952 | 84.6 | 77.8 - 89.6 | 19.2 | 13.7 - 26.2 | 721 |
| Central Java | 88.1 | 83.8 - 91.3 | 703 | 94.4 | 90.1 - 96.9 | 15.7 | 11.1 - 21.7 | 606 |
| D,I, Yogyakarta | 86.8 | 71.5 - 94.5 | 72 | 85.5 | 69.1 - 94.0 | 18.2 | 8.7 - 34.2 | 61 |
| East Java | 78.3 | 72.4 - 83.2 | 563 | 92.4 | 87.6 - 95.4 | 14.4 | 10.1 - 20.1 | 431 |
| Banten | 72.5 | 57.8 - 83.6 | 187 | 94.5 | 89.3 - 97.3 | 12.8 | 6.1 - 25.1 | 133 |
| Bali | 82.1 | 67.4 - 91.0 | 50 | 80.1 | 65.8 - 89.4 | 22.8 | 12.5 - 37.9 | 40* |
| West Nusa Tenggara | 85.7 | 75.8 - 92.0 | 120 | 98.5 | 95.3 - 99.5 | 8.8 | 3.4 - 21.0 | 101 |
| East Nusa Tenggara | 89.0 | 83.3 - 92.9 | 106 | 98.6 | 95.8 - 99.5 | 4.3 | 2.0 - 9.1 | 93 |
| West Kalimantan | 81.7 | 68.3 - 90.3 | 64 | 95.8 | 90.5 - 98.2 | 5.2 | 2.4 - 11.2 | 51 |
| Central Kalimantan | 78.4 | 61.8 - 89.1 | 28 | 88.9 | 83.5 - 92.7 | 14.3 | 9.2 - 21.5 | 21* |
| South Kalimantan | 79.2 | 67.6 - 87.4 | 64 | 95.5 | 87.2 - 98.5 | 8.8 | 4.0 - 18.3 | 50 |
| East Kalimantan | 77.0 | 66.4 - 85.0 | 75 | 90.3 | 76.0 - 96.5 | 11.6 | 4.9 - 25.1 | 56 |
| North Kalimantan | 72.7 | 53.2 - 86.1 | 13 | 85.1 | 56.2 - 96.2 | 15.5 | 4.2 - 43.8 | 9* |
| North Sulawesi | 76.8 | 64.6 - 85.8 | 32 | 95.9 | 86.0 - 98.9 | 4.1 | 1.1 - 14.0 | 24* |
| Central Sulawesi | 78.8 | 69.5 - 85.9 | 59 | 99.6 | 98.6 - 99.9 | 4.9 | 1.8 - 12.4 | 45* |
| South Sulawesi | 79.9 | 73.6 - 84.9 | 180 | 92.2 | 83.5 - 96.5 | 9.0 | 4.4 - 17.5 | 141 |
| Southeast Sulawesi | 62.9 | 52.9 - 71.9 | 46 | 99.5 | 96.8 - 99.9 | 4.6 | 1.2 - 15.7 | 28* |
| Gorontalo | 76.6 | 60.4 - 87.5 | 26 | 100.0 | 100.0 - 100.0 | 2.8 | 0.4 - 17.5 | 20* |
| West Sulawesi | 88.9 | 80.8 - 93.9 | 42 | 99.5 | 96.5 - 99.9 | 1.3 | 0.3 - 5.2 | 37* |
| Maluku | 65.9 | 54.0 - 76.2 | 42 | 99.7 | 97.8 - 100.0 | 7.4 | 2.3 - 21.5 | 27* |
| North Maluku | 75.9 | 61.8 - 86.0 | 23 | 100.0 | 100.0 - 100.0 | 2.5 | 2.2 - 2.9 | 17* |
| West Papua | 74.0 | 49.5 - 89.2 | 15 | 95.3 | 89.9 - 97.8 | 6.3 | 3.1 - 12.3 | 11* |
| Southwest Papua | 69.4 | 49.4 - 84.1 | 13 | 84.5 | 54.5 - 96.2 | 18.7 | 5.5 - 47.4 | 9* |
| Papua | 76.8 | 56.1 - 89.6 | 15 | 90.7 | 69.4 - 97.7 | 9.3 | 2.3 - 30.6 | 11* |
| South Papua | 73.8 | 43.1 - 91.3 | 9 | 100.0 | 100.0 - 100.0 | 0 | 0 | 7* |
| Central Papua | 58.2 | 41.3 - 73.3 | 23 | 85.5 | 52.1 - 96.9 | 14.5 | 3.1 - 47.9 | 13* |
| Highland Papua | 82.5 | 55.9 - 94.6 | 54 | 99.2 | 93.7 - 99.9 | 2.2 | 0.5 - 9.1 | 43* |
| INDONESIA | 79.2 | 77.1 - 81.1 | 4,684 | 90.4 | 88.7 - 91.8 | 14.8 | 13.1 - 16.8 | 3,629 |

*Weighted N < 50

Table 14.43 Proportion of Women Aged 10-54 Years Receiving Iron Folic Acid (IFA) Tablets (During Current Pregnancy) and Their Sources by Characteristic, 2023 SKI

| Characteristic | Had Received IFA | | | Program IFA | | Self-obtained IFA | | Weighted N |
|--|------------------|-------------|------------|-------------|---------------|-------------------|-------------|------------|
| | % | 95% CI | Weighted N | % | 95% CI | % | 95% CI | |
| Age Range | | | | | | | | |
| 10 – 14 | 0 | 0 | 1 | 0 | 79.5 - 96.5 | 0 | 0 | 0* |
| 15 – 19 | 80.1 | 69.1 - 87.9 | 119 | 91.2 | 79.5 - 96.5 | 10.2 | 4.5 - 21.7 | 93 |
| 20 – 24 | 83.1 | 77.9 - 87.3 | 894 | 90.4 | 86.4 - 93.3 | 13.0 | 9.7 - 17.3 | 727 |
| 25 – 29 | 81.8 | 78.1 - 84.9 | 1,484 | 89.9 | 86.5 - 92.6 | 16.2 | 12.9 - 20.1 | 1,187 |
| 30 – 34 | 77.5 | 73.7 - 81.0 | 1,202 | 90.3 | 86.7 - 93.0 | 13.3 | 10.4 - 17.1 | 912 |
| 35 – 39 | 78.4 | 73.2 - 82.9 | 731 | 91.8 | 88.2 - 94.4 | 17.3 | 12.7 - 23.3 | 561 |
| 40 – 44 | 67.3 | 57.5 - 75.8 | 181 | 85.6 | 74.3 - 92.5 | 17.5 | 10.1 - 28.6 | 119 |
| 45 – 49 | 48.8 | 32.7 - 65.1 | 43 | 92.9 | 74.2 - 98.3 | 7.1 | 1.7 - 25.8 | 21* |
| 50 – 54 | 30.6 | 13.9 - 54.7 | 29 | 100.0 | 100.0 - 100.0 | 0 | 0 | 9* |
| Age Range (Specific) | | | | | | | | |
| 10 - 19 (Teenager) | 79.2 | 68.3 - 87.1 | 120 | 91.2 | 79.5 - 96.5 | 10.2 | 4.5 - 21.7 | 93 |
| 15 - 49 (WRA) | 79.5 | 77.4 - 81.4 | 4,654 | 90.3 | 88.7 - 91.8 | 14.9 | 13.1 - 16.8 | 3,620 |
| Education | | | | | | | | |
| Never attended school | 78.6 | 67.2 - 86.8 | 94 | 96.9 | 87.9 - 99.3 | 0.8 | 0.8 - 11.9 | 72 |
| Some primary school | 77.5 | 68.1 - 84.8 | 180 | 94.5 | 88.7 - 97.4 | 4.3 | 4.3 - 18.7 | 136 |
| Primary school graduate | 81.3 | 76.2 - 85.5 | 767 | 89.5 | 86.3 - 92.0 | 10.2 | 10.2 - 17.7 | 610 |
| Junior secondary school graduate | 77.3 | 72.5 - 81.5 | 1,034 | 94.4 | 89.8 - 97.1 | 7.2 | 7.2 - 16.3 | 782 |
| Senior secondary school graduate | 80.8 | 77.9 - 83.5 | 1,837 | 89.5 | 86.5 - 91.9 | 12.3 | 12.3 - 18.3 | 1,453 |
| D1/D2/D3/university graduate | 76.0 | 71.1 - 80.4 | 772 | 86.0 | 81.7 - 89.5 | 19.2 | 19.2 - 28.8 | 575 |
| Occupation | | | | | | | | |
| Unemployed | 79.8 | 77.1 - 82.2 | 2,942 | 90.1 | 88.1 - 91.8 | 14.6 | 12.6 - 16.9 | 2,298 |
| Student | 84.4 | 66.6 - 93.6 | 45 | 59.8 | 27.9 - 85.0 | 44.3 | 18.5 - 73.6 | 37* |
| Civil servant /Indonesian Military Forces/Police/SOE/ROE | 67.4 | 52.6 - 79.4 | 135 | 82.8 | 70.1 - 90.8 | 23.9 | 14.5 - 36.9 | 89 |
| Private employee | 83.2 | 76.4 - 88.4 | 442 | 89.8 | 83.1 - 94.1 | 18.1 | 11.9 - 26.6 | 360 |
| Self-employed | 77.1 | 70.3 - 82.8 | 364 | 95.2 | 91.8 - 97.3 | 10.8 | 6.4 - 17.5 | 274 |
| Farmer/farm worker | 74.8 | 65.3 - 82.4 | 192 | 96.8 | 90.7 - 98.9 | 7.1 | 3.5 - 13.7 | 140 |
| Fisher | 28.8 | 4.4 - 78.1 | 3 | 100.0 | 100.0 - 100.0 | 0 | 0 | 1* |
| Labor/driver/domestic help | 83.7 | 70.3 - 91.8 | 90 | 95.5 | 86.0 - 98.7 | 10.3 | 4.0 - 23.8 | 74 |
| Others | 77.0 | 70.9 - 82.2 | 472 | 90.5 | 82.8 - 94.9 | 14.9 | 9.7 - 22.2 | 356 |
| Residence | | | | | | | | |
| Urban | 76.7 | 73.8 - 79.4 | 2,764 | 88.1 | 85.5 - 90.3 | 17.6 | 15.0 - 20.5 | 2,075 |
| Rural | 82.7 | 80.0 - 85.1 | 1,920 | 93.4 | 91.5 - 94.9 | 11.1 | 8.9 - 13.7 | 1,554 |
| Economic Status | | | | | | | | |
| Lowest | 77.6 | 72.3 - 82.1 | 614 | 99.4 | 98.7 - 99.7 | 4.4 | 2.2 - 8.5 | 467 |
| Lower middle | 82.7 | 78.5 - 86.1 | 845 | 94.4 | 89.6 - 97.1 | 8.4 | 5.3 - 13.1 | 683 |
| Middle | 81.3 | 77.3 - 84.6 | 966 | 93.8 | 91.6 - 95.4 | 11.9 | 9.0 - 15.6 | 768 |
| Upper middle | 80.0 | 75.6 - 83.8 | 1,077 | 86.9 | 83.1 - 90.0 | 19.7 | 15.9 - 24.1 | 844 |
| Highest | 75.0 | 70.4 - 79.2 | 1,182 | 82.6 | 77.9 - 86.5 | 23.4 | 18.9 - 28.5 | 868 |

*Weighted N < 50

3. Proportion of Iron Folic Acid (IFA) Tablets Obtained During Current Pregnancy

The number of IFA tablets is categorized into two groups: < 90 tablets and \geq 90 tablets.

$$\frac{\text{Proportion of IFA Tablets Obtained by Pregnant Women by the Number of Tablets}}{\text{Number of women aged 10-54 years who obtained IFA tablets during current pregnancy, by the number of tablets}} = \frac{\text{Total number of women aged 10-54 years who obtained IFA tablets during current pregnancy}}{\text{Number of women aged 10-54 years who obtained IFA tablets during current pregnancy}}$$

4. Proportion of Iron Folic Acid (IFA) Tablets Consumed During Pregnancy

The number of IFA tablets consumed by women during the last pregnancy is grouped into two categories: < 90 tablets and \geq 90 tablets.

$$\frac{\text{Proportion of IFA Tablets Consumed by Pregnant Women by the Number of Tablets}}{\text{Number of women aged 10-54 years who consumed IFA tablets during current pregnancy, by the number of tablets}} = \frac{\text{Total number of women aged 10-54 years who obtained IFA tablets during current pregnancy}}{\text{Number of women aged 10-54 years who obtained IFA tablets during current pregnancy}}$$

5. Prevalence of Hemoglobin Examination Results (Hb)

For the samples selected as part of the biomedical census block, blood specimen examinations are conducted, including examinations for the prevalence of anemia indicators in current pregnant women.

Anemia values in blood refer to the Guideline on hemoglobin cutoffs to define anemia in individuals and populations (WHO, 2024) during pregnancy as follows:

- First trimester of pregnancy $< 11 \text{ g/dl}$
- Second trimester of pregnancy $< 10,5 \text{ g/dl}$
- Third trimester of pregnancy $< 11 \text{ g/dl}$

In the 2023 SKI, the gestational age of pregnant women whose hemoglobin levels were examined cannot be distinguished, so a cut off of $< 11 \text{ g/dl}$ is used to refer to anemia values in pregnant women.

'Anemia' is the result of a hemoglobin level examination in pregnant women indicating a hemoglobin level $< 11 \text{ g/dl}$

$$\frac{\text{Prevalence of "anemia" examination results}}{\text{Number of biomedical ARTs with a hemoglobin level result } < 11 \text{ g/dl}} = \frac{\text{Total number of biomedical ARTs examined for hemoglobin levels}}{\text{Number of biomedical ARTs with a hemoglobin level result } < 11 \text{ g/dl}}$$

Table 14.44 Proportion of Iron Folic Acid (IFA) Tablets Received and Consumed During Current Pregnancy in Women aged 10-54 years by Province, 2023 SKI

| Province | Number of IFA Tablets Received* | | | | | | Number of IFA Tablets Consumed* | | | | | | Weighted N | | | |
|--------------------|---------------------------------|--------------------|-------------|--------------------|------------|------------------|---------------------------------|--------------------|-------------|--------------------|------------|------------------|--------------|--------|--|--|
| | < 90 tablets | | | ≥90 tablets | | | Forgot | | | < 90 tablets | | | ≥90 tablets | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 59.6 | 49.2 - 69.2 | 40.4 | 30.8 - 50.8 | 0 | 0 | 80.4 | 70.0 - 87.9 | 19.6 | 12.1 - 30.0 | 0 | 0 | 0 | 67 | | |
| North Sumatra | 85.1 | 78.7 - 89.9 | 14.9 | 10.1 - 21.3 | 0 | 0 | 88.9 | 82.3 - 93.3 | 11.1 | 6.7 - 17.7 | 0 | 0 | 0 | 140 | | |
| West Sumatra | 69.1 | 58.4 - 78.0 | 30.9 | 22.0 - 41.6 | 0 | 0 | 86.4 | 79.6 - 91.3 | 13.6 | 8.7 - 20.4 | 0 | 0 | 0 | 79 | | |
| Riau | 74.6 | 63.6 - 83.1 | 25.4 | 16.9 - 36.4 | 0 | 0 | 82.4 | 73.4 - 88.8 | 17.6 | 11.2 - 26.6 | 0 | 0 | 0 | 78 | | |
| Jambi | 81.6 | 68.6 - 90.0 | 18.4 | 10.0 - 31.4 | 0 | 0 | 83.3 | 70.0 - 91.5 | 16.7 | 8.5 - 30.0 | 0 | 0 | 0 | 25* | | |
| South Sumatra | 79.3 | 67.8 - 87.5 | 20.7 | 12.5 - 32.2 | 0 | 0 | 86.9 | 75.2 - 93.6 | 13.1 | 6.4 - 24.8 | 0 | 0 | 0 | 76 | | |
| Bengkulu | 55.8 | 41.1 - 69.4 | 44.2 | 30.6 - 58.9 | 0 | 0 | 72.7 | 58.2 - 83.6 | 27.3 | 16.4 - 41.8 | 0 | 0 | 0 | 21* | | |
| Lampung | 63.7 | 50.1 - 75.4 | 36.3 | 24.6 - 49.9 | 0 | 0 | 69.5 | 56.2 - 80.1 | 30.5 | 19.9 - 43.8 | 0 | 0 | 0 | 145 | | |
| Babel Islands | 80.6 | 68.2 - 88.9 | 19.4 | 11.1 - 31.8 | 0 | 0 | 89.1 | 78.2 - 94.9 | 10.9 | 5.1 - 21.8 | 0 | 0 | 0 | 18* | | |
| Riau Islands | 69.1 | 52.6 - 81.8 | 30.9 | 18.2 - 47.4 | 0 | 0 | 76.0 | 59.5 - 87.2 | 24.0 | 12.8 - 40.5 | 0 | 0 | 0 | 46* | | |
| D.K.I, Jakarta | 83.0 | 64.0 - 93.0 | 17.0 | 7.0 - 36.0 | 0 | 0 | 85.3 | 65.8 - 94.6 | 14.7 | 5.4 - 34.2 | 0 | 0 | 0 | 127 | | |
| West Java | 70.3 | 62.9 - 76.7 | 29.5 | 23.1 - 36.9 | 0.2 | 0.0 - 1.3 | 80.8 | 74.2 - 86.0 | 19.0 | 13.9 - 25.5 | 0.2 | 0.0 - 1.3 | 0 | 721 | | |
| Central Java | 65.6 | 58.7 - 71.9 | 34.4 | 28.1 - 41.3 | 0 | 0 | 74.7 | 68.2 - 80.3 | 25.3 | 19.7 - 31.8 | 0 | 0 | 0 | 606 | | |
| D.I, Yogyakarta | 70.8 | 47.3 - 86.8 | 29.2 | 13.2 - 52.7 | 0 | 0 | 73.5 | 49.0 - 88.9 | 26.5 | 11.1 - 51.0 | 0 | 0 | 0 | 61 | | |
| East Java | 70.5 | 63.3 - 76.9 | 29.3 | 23.0 - 36.6 | 0.1 | 0.0 - 1.0 | 80.6 | 74.7 - 85.4 | 19.3 | 14.5 - 25.2 | 0.1 | 0.0 - 1.0 | 0 | 431 | | |
| Banten | 72.6 | 55.7 - 84.8 | 27.4 | 15.2 - 44.3 | 0 | 0 | 74.8 | 57.9 - 86.5 | 25.2 | 13.5 - 42.1 | 0 | 0 | 0 | 133 | | |
| Bali | 55.0 | 41.0 - 68.3 | 45.0 | 31.7 - 59.0 | 0 | 0 | 57.9 | 42.8 - 71.6 | 42.1 | 28.4 - 57.2 | 0 | 0 | 0 | 40* | | |
| West Nusa Tenggara | 65.0 | 54.5 - 74.3 | 35.0 | 25.7 - 45.5 | 0 | 0 | 70.3 | 59.6 - 79.1 | 29.7 | 20.9 - 40.4 | 0 | 0 | 0 | 101 | | |
| East Nusa Tenggara | 64.1 | 54.9 - 72.4 | 35.9 | 27.6 - 45.1 | 0 | 0 | 74.4 | 65.8 - 81.4 | 25.6 | 18.6 - 34.2 | 0 | 0 | 0 | 93 | | |
| West Kalimantan | 74.8 | 61.3 - 84.8 | 25.2 | 15.2 - 38.7 | 0 | 0 | 80.1 | 66.2 - 89.2 | 19.9 | 10.8 - 33.8 | 0 | 0 | 0 | 51 | | |
| Central Kalimantan | 72.3 | 60.3 - 81.8 | 27.7 | 18.2 - 39.7 | 0 | 0 | 83.4 | 73.7 - 90.0 | 16.6 | 10.0 - 26.3 | 0 | 0 | 0 | 21* | | |
| South Kalimantan | 59.8 | 47.0 - 71.5 | 40.2 | 28.5 - 53.0 | 0 | 0 | 74.0 | 62.8 - 82.7 | 26.0 | 17.3 - 37.2 | 0 | 0 | 0 | 50 | | |
| East Kalimantan | 68.2 | 54.3 - 79.4 | 31.8 | 20.6 - 45.7 | 0 | 0 | 78.5 | 65.2 - 87.6 | 21.5 | 12.4 - 34.8 | 0 | 0 | 0 | 56 | | |
| North Kalimantan | 73.5 | 53.2 - 87.1 | 26.5 | 12.9 - 46.8 | 0 | 0 | 78.6 | 58.4 - 90.6 | 21.4 | 9.4 - 41.6 | 0 | 0 | 0 | 9* | | |
| North Sulawesi | 92.4 | 79.6 - 97.4 | 7.6 | 2.6 - 20.4 | 0 | 0 | 98.6 | 95.9 - 99.5 | 1.4 | 0.5 - 4.1 | 0 | 0 | 0 | 24* | | |
| Central Sulawesi | 84.6 | 75.0 - 91.0 | 15.4 | 9.0 - 25.0 | 0 | 0 | 94.5 | 88.7 - 97.4 | 5.5 | 2.6 - 11.3 | 0 | 0 | 0 | 45* | | |
| South Sulawesi | 78.5 | 70.8 - 84.7 | 21.5 | 15.3 - 29.2 | 0 | 0 | 88.4 | 83.0 - 92.2 | 11.6 | 7.8 - 17.0 | 0 | 0 | 0 | 141 | | |
| Southeast Sulawesi | 84.3 | 73.5 - 91.2 | 15.7 | 8.8 - 26.5 | 0 | 0 | 86.2 | 75.7 - 92.6 | 13.8 | 7.4 - 24.3 | 0 | 0 | 0 | 28* | | |
| Gorontalo | 79.2 | 63.2 - 89.4 | 20.8 | 10.6 - 36.8 | 0 | 0 | 93.4 | 83.3 - 97.6 | 6.6 | 2.4 - 16.7 | 0 | 0 | 0 | 20* | | |
| West Sulawesi | 67.0 | 52.7 - 78.7 | 33.0 | 21.3 - 47.3 | 0 | 0 | 86.5 | 71.2 - 94.3 | 13.5 | 5.7 - 28.8 | 0 | 0 | 0 | 37* | | |
| Maluku | 92.4 | 79.3 - 97.5 | 7.6 | 2.5 - 20.7 | 0 | 0 | 93.4 | 79.5 - 98.1 | 6.6 | 1.9 - 20.5 | 0 | 0 | 0 | 27* | | |
| North Maluku | 86.8 | 77.5 - 92.7 | 13.2 | 7.3 - 22.5 | 0 | 0 | 89.2 | 76.3 - 95.5 | 10.8 | 4.5 - 23.7 | 0 | 0 | 0 | 17* | | |
| West Papua | 86.2 | 73.4 - 93.4 | 13.8 | 6.6 - 26.6 | 0 | 0 | 89.8 | 76.3 - 96.0 | 10.2 | 4.0 - 23.7 | 0 | 0 | 0 | 11* | | |
| Southwest Papua | 68.1 | 43.3 - 85.7 | 31.9 | 14.3 - 56.7 | 0 | 0 | 86.5 | 69.4 - 94.7 | 13.5 | 5.3 - 30.6 | 0 | 0 | 0 | 9* | | |
| Papua | 78.6 | 54.4 - 91.9 | 21.4 | 8.1 - 45.6 | 0 | 0 | 86.9 | 68.4 - 95.3 | 13.1 | 4.7 - 31.6 | 0 | 0 | 0 | 11* | | |
| South Papua | 78.7 | 56.4 - 91.3 | 21.3 | 8.7 - 43.6 | 0 | 0 | 93.1 | 66.4 - 98.9 | 6.9 | 1.1 - 33.6 | 0 | 0 | 0 | 7* | | |
| Central Papua | 78.7 | 46.8 - 93.9 | 21.3 | 6.1 - 53.2 | 0 | 0 | 78.7 | 46.8 - 93.9 | 21.3 | 6.1 - 53.2 | 0 | 0 | 0 | 13* | | |
| Highland Papua | 93.5 | 62.7 - 99.2 | 6.5 | 0.8 - 37.3 | 0 | 0 | 93.5 | 62.7 - 99.2 | 6.5 | 0.8 - 37.3 | 0 | 0 | 0 | 43* | | |
| INDONESIA | 71.3 | 68.9 - 73.6 | 28.6 | 26.4 - 31.0 | 0.1 | 0.0 - 0.2 | 79.9 | 77.8 - 81.9 | 20.0 | 18.0 - 22.1 | 0.1 | 0.0 - 0.2 | 3,629 | | | |

*Weighted N < 50

Table 14.45 Proportion of History of Iron Folic Acid (IFA) Tablets Received and Consumed During Current Pregnancy in Women aged 10-54 years by Characteristic, 2023 SKI

| Characteristic | Number of IFA Tablets Received* | | | | | | Number of IFA Tablets Consumed* | | | | | | Weighted N | |
|--|---------------------------------|-------------|------|--------------|-----|-----------|---------------------------------|-------------|------|--------------|-----|-----------|------------|--|
| | < 90 tablets | | | ≥ 90 tablets | | | Forgot | | | < 90 tablets | | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Age Range | | | | | | | | | | | | | | |
| 15 – 19 | 76.9 | 60.9 - 87.7 | 23.1 | 12.3 - 39.1 | 0 | 0 | 87.5 | 77.0 - 93.6 | 12.5 | 6.4 - 23.0 | 0 | 0 | 93 | |
| 20 – 24 | 71.9 | 66.0 - 77.2 | 28.1 | 22.8 - 34.0 | 0 | 0 | 80.8 | 75.5 - 85.3 | 19.2 | 14.7 - 24.5 | 0 | 0 | 727 | |
| 25 – 29 | 69.8 | 65.5 - 73.8 | 30.2 | 26.2 - 34.5 | 0.1 | 0.0 - 0.4 | 78.6 | 74.6 - 82.1 | 21.4 | 17.8 - 25.4 | 0.1 | 0.0 - 0.4 | 1,187 | |
| 30 – 34 | 70.7 | 66.4 - 74.6 | 29.3 | 25.4 - 33.6 | 0 | 0 | 79.5 | 75.8 - 82.8 | 20.5 | 17.2 - 24.2 | 0 | 0 | 912 | |
| 35 – 39 | 73.3 | 66.6 - 79.0 | 26.5 | 20.7 - 33.2 | 0.2 | 0.0 - 1.7 | 80.8 | 75.1 - 85.5 | 18.9 | 14.3 - 24.7 | 0.2 | 0.0 - 1.7 | 561 | |
| 40 – 44 | 72.0 | 61.6 - 80.4 | 28.0 | 19.6 - 38.4 | 0 | 0 | 79.7 | 69.7 - 87.0 | 20.3 | 13.0 - 30.3 | 0 | 0 | 119 | |
| 45 – 49 | 86.6 | 63.8 - 96.0 | 13.4 | 4.0 - 36.2 | 0 | 0 | 96.2 | 92.9 - 98.0 | 3.8 | 2.0 - 7.1 | 0 | 0 | 21* | |
| 50 – 54 | 58.2 | 16.4 - 90.8 | 41.8 | 9.2 - 83.6 | 0 | 0 | 58.6 | 16.5 - 91.0 | 41.4 | 9.0 - 83.5 | 0 | 0 | 9* | |
| Age Range (Specific) | | | | | | | | | | | | | | |
| 10 - 19 (Teenager) | 76.9 | 60.9 - 87.7 | 23.1 | 12.3 - 39.1 | 0 | 0 | 87.5 | 77.0 - 93.6 | 12.5 | 6.4 - 23.0 | 0 | 0 | 93 | |
| 15 - 49 (WRA) | 71.3 | 68.9 - 73.6 | 28.6 | 26.3 - 31.0 | 0.1 | 0.0 - 0.2 | 80.0 | 77.9 - 82.0 | 20.0 | 18.0 - 22.1 | 0.1 | 0.0 - 0.2 | 3,620 | |
| Education | | | | | | | | | | | | | | |
| Never attended school | 91.2 | 81.9 - 95.9 | 8.8 | 4.1 - 18.1 | 0 | 0 | 93.9 | 84.8 - 97.7 | 6.1 | 2.3 - 15.2 | 0 | 0 | 72 | |
| Some primary school | 68.1 | 54.9 - 78.9 | 31.9 | 21.1 - 45.1 | 0 | 0 | 81.9 | 70.1 - 89.7 | 18.1 | 10.3 - 29.9 | 0 | 0 | 136 | |
| Primary school graduate | 73.8 | 68.1 - 78.9 | 25.8 | 20.8 - 31.6 | 0.3 | 0.3 - 0.1 | 84.7 | 80.4 - 88.3 | 14.9 | 11.4 - 19.3 | 0.3 | 0.1 - 1.4 | 610 | |
| Junior secondary school graduate | 71.1 | 65.4 - 76.2 | 28.9 | 23.8 - 34.6 | 0 | 0 | 77.6 | 72.2 - 82.3 | 22.4 | 17.7 - 27.8 | 0 | 0 | 782 | |
| Senior secondary school graduate | 70.2 | 66.3 - 73.8 | 29.8 | 26.2 - 33.7 | 0 | 0 | 79.0 | 75.5 - 82.2 | 21.0 | 17.8 - 24.5 | 0 | 0 | 1,453 | |
| D1/D2/D3/university graduate | 70.0 | 64.8 - 74.7 | 30.0 | 25.3 - 35.2 | 0 | 0 | 78.0 | 73.3 - 82.1 | 22.0 | 17.9 - 26.7 | 0 | 0 | 575 | |
| Occupation | | | | | | | | | | | | | | |
| Unemployed | 71.1 | 68.2 - 73.9 | 28.8 | 26.0 - 31.7 | 0.1 | 0.0 - 0.4 | 79.3 | 76.6 - 81.8 | 20.6 | 18.1 - 23.3 | 0.1 | 0.0 - 0.4 | 2,298 | |
| Student | 87.0 | 64.6 - 96.1 | 13.0 | 3.9 - 35.4 | 0 | 0 | 87.4 | 64.9 - 96.3 | 12.6 | 3.7 - 35.1 | 0 | 0 | 37* | |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 79.6 | 69.2 - 87.1 | 20.4 | 12.9 - 30.8 | 0 | 0 | 84.1 | 74.1 - 90.7 | 15.9 | 9.3 - 25.9 | 0 | 0 | 89 | |
| Private employee | 61.9 | 52.4 - 70.5 | 38.1 | 29.5 - 47.6 | 0 | 0 | 74.8 | 66.0 - 81.9 | 25.2 | 18.1 - 34.0 | 0 | 0 | 360 | |
| Self-employed | 71.2 | 62.5 - 78.6 | 28.8 | 21.4 - 37.5 | 0 | 0 | 82.4 | 75.2 - 87.8 | 17.6 | 12.2 - 24.8 | 0 | 0 | 274 | |
| Farmer/farm worker | 79.3 | 69.2 - 86.7 | 20.7 | 13.3 - 30.8 | 0 | 0 | 85.3 | 75.9 - 91.4 | 14.7 | 8.6 - 24.1 | 0 | 0 | 140 | |
| Fisher | 51.9 | 6.3 - 94.5 | 48.1 | 5.5 - 93.7 | 0 | 0 | 51.9 | 6.3 - 94.5 | 48.1 | 5.5 - 93.7 | 0 | 0 | 1* | |
| Labor/driver/domestic help | 61.0 | 42.5 - 76.8 | 39.0 | 23.2 - 57.5 | 0 | 0 | 75.9 | 58.5 - 87.5 | 24.1 | 12.5 - 41.5 | 0 | 0 | 74 | |
| Others | 77.3 | 72.1 - 81.8 | 22.7 | 18.2 - 27.9 | 0 | 0 | 84.1 | 79.4 - 87.9 | 15.9 | 12.1 - 20.6 | 0 | 0 | 356 | |
| Residence | | | | | | | | | | | | | | |
| Urban | 72.1 | 68.9 - 75.1 | 27.9 | 24.9 - 31.0 | 0.0 | 0.0 - 0.2 | 79.2 | 76.3 - 81.9 | 20.7 | 18.1 - 23.7 | 0.0 | 0.0 - 0.2 | 2,075 | |
| Rural | 70.2 | 66.5 - 73.7 | 29.7 | 26.2 - 33.4 | 0.1 | 0.0 - 0.6 | 80.9 | 77.7 - 83.7 | 19.0 | 16.2 - 22.2 | 0.1 | 0.0 - 0.6 | 1,554 | |
| Economic Status | | | | | | | | | | | | | | |
| Lowest | 70.3 | 63.8 - 76.0 | 29.4 | 23.6 - 36.0 | 0.3 | 0.0 - 2.1 | 82.6 | 77.1 - 87.0 | 17.1 | 12.7 - 22.6 | 0.3 | 0.0 - 2.1 | 467 | |
| Lower middle | 72.7 | 67.4 - 77.4 | 27.3 | 22.6 - 32.6 | 0 | 0 | 83.2 | 78.7 - 86.9 | 16.8 | 13.1 - 21.3 | 0 | 0 | 683 | |
| Middle | 71.8 | 66.8 - 76.3 | 28.2 | 23.7 - 33.2 | 0 | 0 | 79.2 | 74.9 - 82.9 | 20.8 | 17.1 - 25.1 | 0 | 0 | 768 | |
| Upper middle | 71.4 | 66.6 - 75.7 | 28.6 | 24.3 - 33.3 | 0.1 | 0.0 - 0.5 | 79.1 | 74.8 - 82.7 | 20.9 | 17.2 - 25.1 | 0.1 | 0.0 - 0.5 | 844 | |
| Highest | 70.3 | 64.9 - 75.1 | 29.7 | 24.9 - 35.1 | 0 | 0 | 77.4 | 72.3 - 81.9 | 22.6 | 18.1 - 27.7 | 0 | 0 | 868 | |

Table 14.46 Prevalence of Anemia in Pregnant Women (Current Pregnancy) by Characteristic, 2023 SKI

| Characteristic | Anemia in Pregnant Women | | Weighted N |
|--|--------------------------|------------------|------------|
| | % | 95%CI | |
| Age Range | | | |
| 15-24 y.o | 14.6 | 8.9-23.0 | 76 |
| 25-34 y.o | 31.4 | 25.5-38.0 | 169 |
| 35-44 y.o | 39.6 | 29.3-51.0 | 40 |
| 45-54 y.o | 2.4 | 1.6-3.5 | 5* |
| Education | | | |
| Never attended school | 68.0 | 56.8-77.4 | 2* |
| Some primary school | 41.3 | 21.1-65.0 | 15* |
| Primary school graduate | 26.4 | 14.9-42.4 | 60 |
| Junior secondary school graduate | 23.8 | 16.6-32.8 | 63 |
| Senior secondary school graduate | 30.7 | 23.8-38.7 | 125 |
| D1/D2/D3 graduate | 8.6 | 3.2-20.9 | 12* |
| University graduate | 18.4 | 9.7-32.0 | 13* |
| Occupation | | | |
| Unemployed | 31.7 | 25.6-38.7 | 199 |
| Student | 5.7 | 0.7-33.7 | 7* |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 0.0 | 0.0 | 1* |
| Private employee | 32.6 | 14.4-58.1 | 19* |
| Self-employed | 20.7 | 12.0-33.2 | 17* |
| Farmer/farm worker | 14.4 | 7.3-26.5 | 10* |
| Labor/driver/domestic help | 0.0 | 0.0 | 12* |
| Others | 23.0 | 15.4-33.0 | 25* |
| Residence | | | |
| Urban | 25.5 | 20.0-31.9 | 181 |
| Rural | 31.3 | 23.8-40.0 | 109 |
| Economic Status | | | |
| Lowest | 22.8 | 16.4-30.8 | 40* |
| Lower middle | 26.3 | 18.5-35.8 | 71 |
| Middle | 22.2 | 14.6-32.3 | 68 |
| Upper middle | 26.2 | 17.2-37.7 | 68 |
| Highest | 45.7 | 31.2-61.0 | 43* |
| INDONESIA | 27.7 | 23.1-32.8 | 290 |

*Weighted N <50

14.4 NUTRITIONAL STATUS (UPPER ARM CIRCUMFERENCE) IN WOMEN OF REPRODUCTIVE AGE (10-54 YEARS)

UPPER ARM CIRCUMFERENCE (UAC) MEASUREMENT

The measurement of Upper Arm Circumference (UAC) aims to determine the prevalence of Chronic Energy Deficiency (CED) risk in women aged 10-54 years and pregnant women of all ages. CED is a condition characterized by chronic inadequate intake of energy from macronutrients and micronutrients, indicated by an Upper Arm Circumference (UAC) <23.5 cm. The measurement of Upper Arm Circumference (UAC) is done using a UAC measuring tape with a precision level of 1 mm.

Table 14.47 Average Upper Arm Circumference (UAC) Values in Women aged 10 - 54 Years and Pregnant Women by Age by Province, 2023 SKI

| Age (in Years) | UAC Value (cm) | | | |
|----------------|----------------|--------------------|--------------|--------------------|
| | Pregnant | | Not Pregnant | |
| | Average | Standard Deviation | Average | Standard Deviation |
| 10 | 21.8 | 3.9 | 20.7 | 3.1 |
| 11 | 22.6 | 2.7 | 21.3 | 3.1 |
| 12 | 22.9 | 4.1 | 22.0 | 3.3 |
| 13 | 22.7 | 3.9 | 22.7 | 3.3 |
| 14 | 24.1 | 2.3 | 23.4 | 3.4 |
| 15 | 24.6 | 3.3 | 24.0 | 3.3 |
| 16 | 25.9 | 3.2 | 24.2 | 3.2 |
| 17 | 26.6 | 2.2 | 24.5 | 3.3 |
| 18 | 25.0 | 2.9 | 24.8 | 3.3 |
| 19 | 25.9 | 4.4 | 25.2 | 3.7 |
| 20 | 25.4 | 3.5 | 25.5 | 3.7 |
| 21 | 25.6 | 3.6 | 25.7 | 3.7 |
| 22 | 26.6 | 3.4 | 26.1 | 3.9 |
| 23 | 25.6 | 3.5 | 26.5 | 4.0 |
| 24 | 26.1 | 4.2 | 26.8 | 3.9 |
| 25 | 27.0 | 3.7 | 27.1 | 3.9 |
| 26 | 27.5 | 4.2 | 27.4 | 4.0 |
| 27 | 26.9 | 4.2 | 27.5 | 3.9 |
| 28 | 27.6 | 4.3 | 27.7 | 4.0 |
| 29 | 27.6 | 3.9 | 28.0 | 4.0 |
| 30 | 28.1 | 3.9 | 28.1 | 4.0 |
| 31 | 27.9 | 4.0 | 28.2 | 4.0 |
| 32 | 28.9 | 4.1 | 28.5 | 4.2 |
| 33 | 27.8 | 3.8 | 28.5 | 4.0 |
| 34 | 27.9 | 3.7 | 28.5 | 4.0 |
| 35 | 28.2 | 3.5 | 28.6 | 4.1 |
| 36 | 28.9 | 3.8 | 28.7 | 4.1 |
| 37 | 29.3 | 3.6 | 28.9 | 4.1 |
| 38 | 28.9 | 4.5 | 29.0 | 4.0 |
| 39 | 28.0 | 3.9 | 28.9 | 4.1 |
| 40 | 28.0 | 3.7 | 29.1 | 4.0 |
| 41 | 28.0 | 3.3 | 29.1 | 4.0 |
| 42 | 29.4 | 4.0 | 29.2 | 4.0 |
| 43 | 28.3 | 4.2 | 29.2 | 4.1 |
| 44 | 30.6 | 2.7 | 29.2 | 4.1 |
| 45 | 28.1 | 3.6 | 29.3 | 4.1 |
| 46 | 27.0 | 3.0 | 29.2 | 4.1 |
| 47 | 30.4 | 3.9 | 29.2 | 4.2 |
| 48 | 27.4 | 1.7 | 29.1 | 4.1 |
| 49 | 30.4 | 4.4 | 29.2 | 4.1 |
| 50 | 27.6 | 3.6 | 29.1 | 4.1 |
| 51 | 31.2 | 4.1 | 28.8 | 4.0 |
| 52 | 28.6 | 0.2 | 28.8 | 3.9 |
| 53 | 28.8 | 4.0 | 28.9 | 4.2 |
| 54 | 26.1 | 2.0 | 28.6 | 4.0 |
| Total | 27.3 | 4.1 | 27.2 | 4.5 |

Table 14.48 Prevalence of Chronic Energy Deficiency (CED) in Pregnant and Non-Pregnant Women by Province, 2023 SKI

| Province | CED (UAC < 23,5 cm) | | | | | |
|--------------------|---------------------|--------------------|--------------|--------------|--------------------|----------------|
| | Pregnant | | Weighted N | Not Pregnant | | Weighted N |
| | % | 95% CI | | % | 95% CI | |
| Aceh | 10.4 | 6.0 - 17.6 | 88 | 18.5 | 17.2 - 19.8 | 5,486 |
| North Sumatra | 13.4 | 8.2 - 21.2 | 239 | 17.8 | 16.8 - 18.9 | 15,714 |
| West Sumatra | 16.5 | 10.9 - 24.2 | 111 | 22.8 | 21.6 - 24.0 | 5,897 |
| Riau | 17.9 | 11.5 - 26.9 | 115 | 18.0 | 16.5 - 19.6 | 6,868 |
| Jambi | 12.7 | 6.0 - 25.1 | 33 | 18.1 | 16.7 - 19.5 | 3,865 |
| South Sumatra | 19.2 | 11.7 - 30.0 | 106 | 20.0 | 18.9 - 21.2 | 9,211 |
| Bengkulu | 10.1 | 4.4 - 21.8 | 32 | 17.2 | 15.8 - 18.7 | 2,165 |
| Lampung | 17.2 | 9.6 - 28.7 | 176 | 19.6 | 18.3 - 21.0 | 9,314 |
| Babel Islands | 18.4 | 8.9 - 34.3 | 23 | 17.4 | 15.8 - 19.2 | 1,593 |
| Riau Islands | 12.2 | 5.3 - 25.5 | 64 | 18.7 | 16.7 - 20.9 | 2,364 |
| DKI Jakarta | 11.7 | 4.8 - 26.0 | 169 | 17.6 | 15.9 - 19.4 | 11,493 |
| West Java | 11.6 | 8.2 - 16.1 | 965 | 19.9 | 19.1 - 20.7 | 52,032 |
| Central Java | 24.6 | 19.7 - 30.2 | 728 | 22.5 | 21.7 - 23.3 | 37,336 |
| DI Yogyakarta | 21.4 | 10.5 - 38.6 | 74 | 21.2 | 19.6 - 22.9 | 3,678 |
| East Java | 19.6 | 14.7 - 25.6 | 600 | 19.7 | 18.9 - 20.5 | 42,193 |
| Banten | 5.4 | 1.7 - 15.5 | 193 | 21.1 | 19.4 - 22.9 | 13,097 |
| Bali | 8.6 | 3.4 - 20.3 | 56 | 12.5 | 11.3 - 13.8 | 4,594 |
| West Nusa Tenggara | 15.7 | 8.3 - 27.7 | 124 | 22.4 | 20.9 - 24.0 | 5,799 |
| East Nusa Tenggara | 28.0 | 22.1 - 34.7 | 109 | 35.7 | 34.4 - 37.1 | 5,611 |
| West Kalimantan | 11.1 | 5.5 - 21.3 | 71 | 20.0 | 18.6 - 21.5 | 5,801 |
| Central Kalimantan | 20.0 | 10.8 - 34.1 | 28 | 21.0 | 19.4 - 22.7 | 2,745 |
| South Kalimantan | 15.9 | 9.6 - 25.1 | 64 | 23.0 | 21.7 - 24.4 | 4,297 |
| East Kalimantan | 12.2 | 7.2 - 19.8 | 79 | 18.4 | 16.9 - 20.0 | 4,129 |
| North Kalimantan | 5.2 | 1.6 - 15.6 | 14 | 21.6 | 18.6 - 24.9 | 765 |
| North Sulawesi | 10.5 | 6.6 - 16.5 | 36 | 17.6 | 16.1 - 19.2 | 2,560 |
| Central Sulawesi | 21.3 | 13.5 - 32.0 | 61 | 22.4 | 21.0 - 24.0 | 3,187 |
| South Sulawesi | 19.7 | 14.4 - 26.3 | 190 | 23.3 | 22.2 - 24.5 | 9,791 |
| Southeast Sulawesi | 19.6 | 12.9 - 28.7 | 51 | 22.1 | 20.8 - 23.5 | 2,837 |
| Gorontalo | 19.7 | 10.9 - 33.1 | 26 | 19.9 | 17.8 - 22.0 | 1,274 |
| West Sulawesi | 21.5 | 11.9 - 35.8 | 37 | 23.9 | 21.8 - 26.2 | 1,511 |
| Maluku | 21.2 | 11.7 - 35.5 | 44 | 25.5 | 23.8 - 27.2 | 1,936 |
| North Maluku | 18.1 | 9.5 - 31.7 | 24 | 19.5 | 17.5 - 21.7 | 1,379 |
| West Papua | 23.8 | 11.2 - 43.5 | 13 | 22.3 | 19.6 - 25.3 | 570 |
| Southwest Papua | 26.7 | 12.5 - 48.2 | 11 | 25.4 | 22.3 - 28.8 | 591 |
| Papua | 10.0 | 4.8 - 19.6 | 15 | 22.9 | 20.2 - 26.0 | 989 |
| South Papua | 28.2 | 16.0 - 44.7 | 10 | 30.9 | 26.7 - 35.5 | 487 |
| Central Papua | 7.6 | 2.6 - 20.5 | 19 | 21.0 | 13.4 - 31.4 | 1,429 |
| Highland Papua | 44.7 | 11.8 - 83.0 | 53 | 26.4 | 22.7 - 30.3 | 1,302 |
| INDONESIA | 16.9 | 15.2 - 18.7 | 4,854 | 20.6 | 20.3 - 20.8 | 285,893 |

Table 14.49 Prevalence of Chronic Energy Deficiency (CED) in Pregnant and Non-Pregnant Women by Characteristic, 2023 SKI

| Characteristic | CED (UAC < 23#5 cm) | | | | | |
|--|---------------------|-------------|--------------|--------|-----------------|-----------------|
| | Pregnant | | Not Pregnant | | % Weighted N | % Weighted N |
| | % | 95% CI | % | 95% CI | | |
| Age Range | | | | | | |
| 10 – 14 | 62#8 | 50#9 - 73#4 | 115 | 71#0 | 70#0 - 71#9 | 29,806 |
| 15 – 19 | 26.2 | 19.0 - 35.0 | 203 | 41.9 | 40.9 - 42.9 | 33,586 |
| 20 – 24 | 26.9 | 21.5 - 33.1 | 940 | 24.7 | 23.8 - 25.6 | 33,465 |
| 25 – 29 | 16.6 | 13.7 - 20.0 | 1,470 | 13.4 | 12.8 - 14.1 | 33,451 |
| 30 – 34 | 10.3 | 8.3 - 12.7 | 1,170 | 9.0 | 8.5 - 9.5 | 33,433 |
| 35 – 39 | 8.3 | 5.5 - 12.4 | 715 | 7.0 | 6.5 - 7.4 | 33,242 |
| 40 – 44 | 8.6 | 5.3 - 13.6 | 177 | 5.6 | 5.2 - 6.0 | 32,280 |
| 45 – 49 | 4.4 | 1.4 - 13.0 | 42 | 5.8 | 5.5 - 6.2 | 30,300 |
| 50 – 54 | 0 | 0 | 23 | 7.2 | 6.7 - 7.6 | 26,331 |
| Education | | | | | | |
| Never attended school | 20.7 | 12.3 - 32.6 | 104 | 34.8 | 33.3 - 36.5 | 9,801 |
| Some primary school/Islamic primary school | 25.1 | 18.6 - 32.9 | 239 | 47.9 | 46.8 - 48.9 | 26,986 |
| Primary school/Islamic primary school graduate | 17.7 | 12.9 - 23.7 | 829 | 20.9 | 20.4 - 21.4 | 69,414 |
| Junior secondary school/Islamic junior secondary school graduate | 15.2 | 12.4 - 18.5 | 1,057 | 18.8 | 18.3 - 19.4 | 64,073 |
| Senior secondary school/Islamic senior secondary school graduate | 19.0 | 16.3 - 22.1 | 1,856 | 14.6 | 14.2 - 15.0 | 87,708 |
| D1/D2/D3/university graduate | 10.2 | 7.4 - 13.9 | 768 | 10.9 | 10.3 - 11.6 | 27,911 |
| Occupation | | | | | | |
| Unemployed | 16.0 | 14.0 - 18.2 | 2,971 | 14.5 | 14.2 - 14.9 | 131,487 |
| Student | 42.2 | 32.7 - 52.3 | 189 | 53.2 | 52.4 - 54.0 | 54,170 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 4.4 | 1.8 - 10.6 | 136 | 7.4 | 6.5 - 8.5 | 6,227 |
| Private employee | 20.4 | 14.4 - 28.1 | 447 | 14.5 | 13.7 - 15.5 | 23,245 |
| Self-employed | 13.7 | 8.9 - 20.5 | 365 | 9.0 | 8.4 - 9.6 | 24,322 |
| Farmer/farm worker | 26.2 | 13.6 - 44.4 | 188 | 9.6 | 9.0 - 10.2 | 19,329 |
| Fisher | 0 | 0 | 1 | 13.9 | 8.9 - 20.9 | 216 |
| Labor/driver/domestic help | 14.9 | 6.6 - 30.2 | 95 | 12.7 | 11.4 - 14.1 | 7,896 |
| Others | 11.8 | 8.2 - 16.7 | 463 | 10.1 | 9.5 - 10.8 | 19,000 |
| Residence | | | | | | |
| Urban | 12.9 | 11.2 - 14.9 | 2,866 | 19.6 | 19.3 - 20.0 | 168,558 |
| Rural | 22.6 | 19.6 - 26.0 | 1,988 | 21.9 | 21.5 - 22.4 | 117,335 |
| Economic Status | | | | | | |
| Lowest | 28.0 | 22.3 - 34.6 | 642 | 25.1 | 24.3 - 25.9 | 35,770 |
| Lower middle | 17.0 | 13.1 - 21.8 | 872 | 22.8 | 22.2 - 23.4 | 50,118 |
| Middle | 18.5 | 14.9 - 22.6 | 1,005 | 20.5 | 20.0 - 21.1 | 61,301 |
| Upper middle | 14.7 | 11.9 - 18.2 | 1,106 | 19.6 | 19.1 - 20.2 | 69,855 |
| Highest | 11.7 | 8.9 - 15.2 | 1,229 | 17.5 | 17.0 - 18.1 | 68,849 |

14.5 CONDITION AT BIRTH

a. Low Birth Weight (LBW)

The definition of 'low birth weight' is the proportion of children aged 0-59 months who have a history of low birth weight (< 2500 grams) based on documentation or respondent recall.

$$\text{Proportion of Low Birth Weight} = \frac{\text{Number of children aged 0-59 months with birth weight } < 2500 \text{ g}}{\text{Total number of children aged 0-59 months with LBW}} \times 100\%$$

Table 14. 50 Proportion of Low Birth Weight in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Birth Weight Based on Documentation (%) | | | | Weighted N |
|--------------------|---|----------------|----------------|------------|----------------|
| | < 2.500 gr | 2.500-2.999 gr | 3.000-3.999 gr | ≥ 4.000 gr | |
| Aceh | 4.4 | 25.2 | 66.7 | 3.7 | 1,633 |
| North Sumatra | 3.1 | 21.9 | 68.8 | 6.2 | 5,284 |
| West Sumatra | 5.9 | 26.7 | 63.0 | 4.4 | 2,803 |
| Riau | 5.0 | 25.5 | 65.6 | 3.9 | 2,221 |
| Jambi | 2.7 | 26.5 | 68.2 | 2.6 | 2,571 |
| South Sumatra | 5.4 | 29.0 | 62.1 | 3.5 | 3,431 |
| Bengkulu | 5.0 | 26.8 | 63.9 | 4.2 | 1,149 |
| Lampung | 4.0 | 27.5 | 65.3 | 3.3 | 6,416 |
| Babel Islands | 6.6 | 32.9 | 58.1 | 2.4 | 1,081 |
| Riau Islands | 4.9 | 27.7 | 62.6 | 4.8 | 1,245 |
| D.K.I. Jakarta | 6.7 | 29.5 | 60.7 | 3.2 | 6,772 |
| West Java | 6.2 | 27.7 | 62.8 | 3.3 | 28,976 |
| Central Java | 6.1 | 29.1 | 62.5 | 2.4 | 27,012 |
| D.I. Yogyakarta | 7.2 | 30.6 | 60.1 | 2.1 | 2,629 |
| East Java | 6.8 | 29.5 | 61.5 | 2.3 | 27,894 |
| Banten | 5.1 | 27.0 | 64.2 | 3.7 | 6,667 |
| Bali | 4.7 | 26.8 | 65.8 | 2.7 | 3,238 |
| West Nusa Tenggara | 5.3 | 28.5 | 62.6 | 3.7 | 4,675 |
| East Nusa Tenggara | 7.7 | 36.6 | 53.9 | 1.8 | 4,193 |
| West Kalimantan | 7.0 | 36.3 | 54.4 | 2.3 | 4,181 |
| Central Kalimantan | 5.6 | 32.8 | 59.1 | 2.4 | 1,880 |
| South Kalimantan | 7.8 | 33.9 | 55.8 | 2.6 | 3,243 |
| East Kalimantan | 7.3 | 31.6 | 58.7 | 2.3 | 3,177 |
| North Kalimantan | 7.7 | 31.4 | 58.0 | 2.9 | 569 |
| North Sulawesi | 5.7 | 32.6 | 59.2 | 2.5 | 1,264 |
| Central Sulawesi | 7.9 | 32.5 | 56.8 | 2.8 | 1,920 |
| South Sulawesi | 7.0 | 33.9 | 56.8 | 2.3 | 5,823 |
| Southeast Sulawesi | 5.3 | 27.4 | 62.7 | 4.5 | 1,133 |
| Gorontalo | 7.8 | 33.9 | 55.8 | 2.5 | 1,001 |
| West Sulawesi | 6.6 | 31.9 | 58.4 | 3.0 | 1,068 |
| Maluku | 4.9 | 28.6 | 60.2 | 6.3 | 649 |
| North Maluku | 3.8 | 31.9 | 59.9 | 4.4 | 630 |
| West Papua | 4.9 | 34.3 | 58.3 | 2.6 | 238 |
| Southwest Papua | 6.5 | 29.8 | 60.7 | 3.0 | 205 |
| Papua | 5.3 | 29.8 | 60.5 | 4.4 | 582 |
| South Papua | 6.0 | 31.7 | 59.1 | 3.2 | 347 |
| Central Papua | 8.0 | 36.3 | 55.1 | 0.6 | 417 |
| Highland Papua | 6.1 | 33.9 | 58.1 | 1.9 | 279 |
| INDONESIA | 6.1 | 29.2 | 61.8 | 3.0 | 168,495 |

Table 14.51 Proportion of Birth Weight in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Birth Weight Based on Documentation/Memory (%) | | | | Weighted N |
|--------------------|--|----------------|----------------|------------|----------------|
| | < 2.500 gr | 2.500-2.999 gr | 3.000-3.999 gr | ≥ 4.000 gr | |
| Aceh | 4.4 | 25.1 | 66.2 | 4.3 | 6,543 |
| North Sumatra | 2.9 | 20.9 | 69.8 | 6.4 | 18,085 |
| West Sumatra | 5.7 | 25.8 | 64.0 | 4.5 | 6,510 |
| Riau | 4.4 | 26.5 | 65.4 | 3.7 | 7,740 |
| Jambi | 2.8 | 27.6 | 66.8 | 2.9 | 4,237 |
| South Sumatra | 5.3 | 30.1 | 61.0 | 3.6 | 9,748 |
| Bengkulu | 4.7 | 27.5 | 63.5 | 4.3 | 2,414 |
| Lampung | 4.8 | 27.4 | 64.4 | 3.4 | 10,433 |
| Babel Islands | 6.5 | 32.9 | 57.9 | 2.7 | 1,683 |
| Riau Islands | 4.3 | 28.6 | 62.3 | 4.8 | 2,553 |
| D.K.I. Jakarta | 6.7 | 29.0 | 60.7 | 3.6 | 9,984 |
| West Java | 7.0 | 27.6 | 61.6 | 3.8 | 52,007 |
| Central Java | 6.4 | 29.5 | 61.7 | 2.4 | 37,033 |
| D.I. Yogyakarta | 7.2 | 30.6 | 60.2 | 2.1 | 3,237 |
| East Java | 6.6 | 29.3 | 61.5 | 2.6 | 38,061 |
| Banten | 6.3 | 27.3 | 62.2 | 4.2 | 12,797 |
| Bali | 5.0 | 27.1 | 65.1 | 2.8 | 4,184 |
| West Nusa Tenggara | 5.6 | 27.4 | 62.7 | 4.3 | 6,638 |
| East Nusa Tenggara | 8.3 | 35.9 | 53.6 | 2.1 | 6,717 |
| West Kalimantan | 6.8 | 37.1 | 53.8 | 2.2 | 6,334 |
| Central Kalimantan | 5.7 | 33.5 | 58.1 | 2.6 | 3,111 |
| South Kalimantan | 7.9 | 34.2 | 55.2 | 2.7 | 4,734 |
| East Kalimantan | 7.3 | 32.2 | 58.3 | 2.2 | 4,282 |
| North Kalimantan | 7.4 | 30.1 | 59.8 | 2.7 | 844 |
| North Sulawesi | 6.2 | 33.2 | 57.9 | 2.7 | 2,554 |
| Central Sulawesi | 8.7 | 33.3 | 55.0 | 3.1 | 3,365 |
| South Sulawesi | 7.7 | 33.5 | 56.1 | 2.6 | 9,994 |
| Southeast Sulawesi | 5.8 | 26.1 | 62.9 | 5.3 | 3,239 |
| Gorontalo | 7.8 | 33.5 | 56.1 | 2.6 | 1,352 |
| West Sulawesi | 7.1 | 31.7 | 57.9 | 3.3 | 1,772 |
| Maluku | 4.8 | 28.0 | 61.3 | 5.9 | 1,799 |
| North Maluku | 4.7 | 31.7 | 58.6 | 5.0 | 1,438 |
| West Papua | 5.4 | 32.6 | 58.6 | 3.4 | 502 |
| Southwest Papua | 7.0 | 28.8 | 60.1 | 4.1 | 570 |
| Papua | 6.2 | 29.3 | 60.4 | 4.2 | 1,274 |
| South Papua | 5.4 | 35.4 | 55.9 | 3.3 | 609 |
| Central Papua | 9.0 | 35.4 | 54.4 | 1.2 | 1,085 |
| Highland Papua | 5.9 | 36.8 | 55.3 | 2.0 | 520 |
| INDONESIA | 6.2 | 28.8 | 61.6 | 3.4 | 289,981 |

Table 14.52 Proportion of Birth Weight in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Birth Weight Based on Documentation/Memory (%) | | | | Weighted N |
|--|--|----------------|----------------|-----------|------------|
| | < 2.500 gr | 2.500-2.999 gr | 3.000-3.999 gr | ≥4.000 gr | |
| Age Range (Month) | | | | | |
| 0-5 | 7.3 | 30.4 | 59.2 | 3.0 | 23,313 |
| 6-11 | 7.0 | 29.9 | 59.9 | 3.2 | 25,454 |
| 12-23 | 6.5 | 29.3 | 61.1 | 3.2 | 55,447 |
| 24-35 | 5.8 | 28.4 | 62.2 | 3.7 | 58,511 |
| 36-47 | 5.8 | 28.0 | 62.6 | 3.6 | 63,809 |
| 48-59 | 5.8 | 28.5 | 62.1 | 3.6 | 63,449 |
| Sex | | | | | |
| Male | 5.6 | 26.7 | 63.7 | 4.0 | 148,305 |
| Female | 6.7 | 31.0 | 59.4 | 2.8 | 141,676 |
| HoH Education | | | | | |
| Never attended school | 6.7 | 32.4 | 58.1 | 2.7 | 5,790 |
| Some primary school/Islamic primary school | 7.6 | 30.8 | 58.5 | 3.1 | 11,408 |
| Primary school/Islamic primary school graduate | 7.0 | 30.1 | 59.4 | 3.5 | 57,058 |
| Junior secondary school/Islamic junior secondary school graduate | 6.3 | 28.9 | 61.4 | 3.4 | 60,345 |
| Senior secondary school/Islamic senior secondary school graduate | 5.8 | 28.0 | 62.7 | 3.5 | 119,006 |
| D1/D2/D3/university graduate | 5.3 | 28.0 | 63.3 | 3.3 | 36,375 |
| HoH Occupation | | | | | |
| Unemployed | 7.9 | 28.1 | 60.0 | 4.1 | 7,434 |
| Student | 3.3 | 26.3 | 66.4 | 4.0 | 681 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 5.4 | 27.3 | 64.0 | 3.3 | 13,267 |
| Private employee | 5.9 | 28.8 | 62.4 | 2.9 | 65,168 |
| Self-employed | 5.6 | 27.5 | 63.1 | 3.8 | 86,143 |
| Farmer/farm worker | 6.3 | 30.5 | 59.7 | 3.5 | 63,952 |
| Fisher | 7.1 | 29.5 | 60.1 | 3.3 | 42,531 |
| Labor/driver/domestic help | 6.9 | 28.7 | 60.8 | 3.6 | 10,806 |
| Others | 7.9 | 28.1 | 60.0 | 4.1 | 7,434 |
| Residence | | | | | |
| Urban | 6.2 | 28.4 | 61.9 | 3.5 | 171,326 |
| Rural | 6.0 | 29.4 | 61.2 | 3.4 | 118,655 |

3. Short Birth Length

The definition of 'short birth length' is the proportion of children aged 0-59 months with a history of short birth length (< 48 cm) based on documents or based on respondents' documents/memories.

Table 14.53 Proportion of Birth Length in Children Aged 0-59 Months Based on Documents by Province, 2023 SKI

| Province | Birth Length of Children at Birth Based on Document | | | Weighted N |
|--------------------|---|-------------|------------|----------------|
| | <48 cm | 48– 52 cm | >52 cm | |
| Aceh | 10.1 | 87.5 | 2.4 | 1,373 |
| North Sumatra | 13.1 | 84.8 | 2.1 | 4,624 |
| West Sumatra | 22.7 | 76.5 | 0.8 | 2,554 |
| Riau | 14.5 | 84.2 | 1.3 | 1,988 |
| Jambi | 10.9 | 86.5 | 2.5 | 2,428 |
| South Sumatra | 19.5 | 78.4 | 2.0 | 2,778 |
| Bengkulu | 12.8 | 85.2 | 1.9 | 1,000 |
| Lampung | 21.3 | 77.5 | 1.2 | 6,074 |
| Babel Islands | 25.9 | 72.5 | 1.6 | 1,022 |
| Riau Islands | 15.4 | 81.8 | 2.8 | 1,170 |
| D.K.I. Jakarta | 30.1 | 68.4 | 1.6 | 6,588 |
| West Java | 19.9 | 77.6 | 2.5 | 27,197 |
| Central Java | 24.1 | 74.8 | 1.1 | 25,989 |
| D.I. Yogyakarta | 28.7 | 70.1 | 1.2 | 2,575 |
| East Java | 15.3 | 82.1 | 2.6 | 26,787 |
| Banten | 20.9 | 77.5 | 1.7 | 6,296 |
| Bali | 8.3 | 87.3 | 4.4 | 3,168 |
| West Nusa Tenggara | 11.1 | 86.4 | 2.5 | 4,390 |
| East Nusa Tenggara | 18.6 | 79.4 | 2.0 | 3,917 |
| West Kalimantan | 24.0 | 74.0 | 2.0 | 4,005 |
| Central Kalimantan | 14.5 | 80.7 | 4.8 | 1,722 |
| South Kalimantan | 11.5 | 82.2 | 6.4 | 3,103 |
| East Kalimantan | 22.7 | 73.5 | 3.8 | 3,083 |
| North Kalimantan | 16.3 | 80.6 | 3.0 | 553 |
| North Sulawesi | 32.4 | 66.1 | 1.5 | 1,137 |
| Central Sulawesi | 27.3 | 70.9 | 1.8 | 1,704 |
| South Sulawesi | 25.2 | 73.6 | 1.2 | 5,240 |
| Southeast Sulawesi | 13.4 | 84.1 | 2.5 | 872 |
| Gorontalo | 29.8 | 69.2 | 1.0 | 955 |
| West Sulawesi | 24.5 | 74.0 | 1.5 | 1,020 |
| Maluku | 19.6 | 77.1 | 3.3 | 518 |
| North Maluku | 22.9 | 74.6 | 2.5 | 557 |
| West Papua | 20.0 | 78.9 | 1.1 | 213 |
| Southwest Papua | 23.3 | 73.6 | 3.1 | 182 |
| Papua | 27.5 | 68.4 | 4.1 | 526 |
| South Papua | 18.3 | 78.1 | 3.6 | 332 |
| Central Papua | 32.1 | 62.8 | 5.1 | 390 |
| Highland Papua | 7.0 | 91.0 | 2.0 | 263 |
| INDONESIA | 19.8 | 78.0 | 2.2 | 158,292 |

Table 14.54 Proportion of Birth Length in Children Aged 0-59 Months Based on Documents/Memories by Province, 2023 SKI

| Province | Length of Children's Bodies at Birth Based on Documents/Memories | | | Weighted N |
|--------------------|--|-------------|------------|----------------|
| | <48 cm | 48– 52 cm | >52 cm | |
| Aceh | 9.9 | 87.5 | 2.6 | 4,295 |
| North Sumatra | 11.2 | 86.5 | 2.3 | 13,098 |
| West Sumatra | 20.1 | 78.7 | 1.2 | 5,391 |
| Riau | 12.2 | 85.9 | 1.9 | 6,274 |
| Jambi | 10.6 | 87.1 | 2.4 | 3,782 |
| South Sumatra | 18.5 | 79.8 | 1.7 | 7,362 |
| Bengkulu | 10.8 | 87.0 | 2.2 | 1,883 |
| Lampung | 19.6 | 79.2 | 1.2 | 9,252 |
| Babel Islands | 24.5 | 73.7 | 1.8 | 1,519 |
| Riau Islands | 13.5 | 84.0 | 2.4 | 2,308 |
| D.K.I. Jakarta | 27.6 | 70.5 | 1.9 | 9,325 |
| West Java | 18.1 | 79.1 | 2.8 | 44,120 |
| Central Java | 22.9 | 75.8 | 1.3 | 33,511 |
| D.I. Yogyakarta | 27.7 | 71.0 | 1.3 | 3,059 |
| East Java | 14.3 | 82.9 | 2.8 | 34,782 |
| Banten | 19.5 | 78.6 | 1.8 | 10,514 |
| Bali | 8.3 | 87.3 | 4.4 | 3,914 |
| West Nusa Tenggara | 10.6 | 86.7 | 2.7 | 5,132 |
| East Nusa Tenggara | 18.8 | 78.9 | 2.3 | 5,062 |
| West Kalimantan | 22.7 | 75.3 | 2.1 | 5,601 |
| Central Kalimantan | 13.8 | 81.6 | 4.6 | 2,567 |
| South Kalimantan | 10.9 | 83.0 | 6.2 | 4,223 |
| East Kalimantan | 21.2 | 75.1 | 3.7 | 3,847 |
| North Kalimantan | 14.7 | 82.7 | 2.7 | 781 |
| North Sulawesi | 29.9 | 68.5 | 1.6 | 2,176 |
| Central Sulawesi | 26.8 | 71.2 | 2.1 | 2,420 |
| South Sulawesi | 23.6 | 75.2 | 1.3 | 7,605 |
| Southeast Sulawesi | 12.9 | 84.7 | 2.5 | 1,702 |
| Gorontalo | 27.8 | 71.4 | 0.9 | 1,184 |
| West Sulawesi | 23.2 | 75.2 | 1.6 | 1,319 |
| Maluku | 18.1 | 78.9 | 3.0 | 1,015 |
| North Maluku | 22.2 | 75.0 | 2.8 | 932 |
| West Papua | 17.1 | 81.3 | 1.7 | 395 |
| Southwest Papua | 23.5 | 73.4 | 3.2 | 346 |
| Papua | 26.1 | 70.1 | 3.8 | 1,026 |
| South Papua | 15.0 | 82.3 | 2.7 | 536 |
| Central Papua | 24.0 | 70.1 | 6.0 | 870 |
| Highland Papua | 15.4 | 81.7 | 2.9 | 403 |
| INDONESIA | 18.2 | 79.5 | 2.3 | 243,529 |

Table 14.55 Proportion of Birth Length in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Length of Children's Bodies at Birth Based on Documents/Memories | | | Weighted N |
|--|--|-----------|--------|------------|
| | <48 cm | 48– 52 cm | >52 cm | |
| Age Range (month) | | | | |
| 0-5 | 20.91 | 76.60 | 2.49 | 20,789 |
| 6-11 | 20.20 | 77.71 | 2.09 | 21,950 |
| 12-23 | 18.83 | 78.96 | 2.21 | 47,198 |
| 24-35 | 17.32 | 80.33 | 2.35 | 49,162 |
| 36-47 | 17.61 | 79.96 | 2.43 | 52,828 |
| 48-59 | 16.92 | 80.80 | 2.28 | 51,601 |
| Sex | | | | |
| Male | 16.28 | 80.99 | 2.73 | 124,757 |
| Female | 20.13 | 77.99 | 1.88 | 118,772 |
| HoH Education | | | | |
| Never attended school | 17.24 | 80.50 | 2.26 | 4,529 |
| Some primary school/Islamic primary school | 18.71 | 79.30 | 2.00 | 9,131 |
| Primary school/Islamic primary school graduate | 19.18 | 78.98 | 1.84 | 46,160 |
| Junior secondary school/Islamic junior secondary school graduate | 18.41 | 79.52 | 2.07 | 50,132 |
| Senior secondary school/Islamic senior secondary school graduate | 17.85 | 79.71 | 2.44 | 101,665 |
| D1/D2/D3/university graduate | 17.24 | 79.67 | 3.09 | 31,911 |
| HoH Occupation | | | | |
| Unemployed | 20.83 | 76.59 | 2.58 | 6,144 |
| Student | 19.26 | 80.36 | 0.38 | 576 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 16.63 | 80.23 | 3.13 | 11,387 |
| Private employee | 18.71 | 78.61 | 2.69 | 58,570 |
| Self-employed | 16.55 | 81.12 | 2.33 | 72,453 |
| Farmer/farm worker | 18.35 | 79.82 | 1.83 | 49,749 |
| Fisher | 20.08 | 77.92 | 2.01 | 35,754 |
| Labor/driver/domestic help | 18.85 | 78.53 | 2.62 | 8,896 |
| Others | 0 | 0 | 0 | 0 |
| Residence | | | | |
| Urban | 18.82 | 78.64 | 2.54 | 148,292 |
| Rural | 17.12 | 80.92 | 1.96 | 95,237 |

4. Head Circumference at Birth

The definition of 'small head circumference at birth' is the proportion of children aged 0-59 months who have a history of small head circumference (< 33 cm) based on documents.

$$\text{Proportion of small head circumference} = \frac{\text{Number of children aged 0-59 months with documented small head circumference}}{\text{Total number of children aged 0-59 months}} \times 100\%$$

Table 14. 56 Proportion of Head Circumference by Group in Children Aged 0-59 Months by Province, 2023 SKI

| Province | Head Circumference at Birth | | | | |
|-------------------------|-----------------------------|----------------------|---------------------------|--------------|----------------|
| | < 33 cm (microcephalus) | 33-37 cm (normal) | >37 cm (macrocephalus) | Unknown | Weighted N |
| Aceh | 7.80 | 10.98 | 1.26 | 79.96 | 6,841 |
| North Sumatra | 4.98 | 10.49 | 0.58 | 83.95 | 19,298 |
| West Sumatra | 8.61 | 16.15 | 0.53 | 74.71 | 6,769 |
| Riau | 6.51 | 19.09 | 0.47 | 73.94 | 8,116 |
| Jambi | 16.81 | 36.09 | 1.25 | 45.84 | 4,355 |
| South Sumatra | 6.30 | 11.74 | 0.74 | 81.23 | 10,120 |
| Bengkulu | 15.19 | 29.36 | 0.71 | 54.75 | 2,467 |
| Lampung | 22.03 | 31.20 | 0.74 | 46.03 | 10,712 |
| Bangka Belitung Islands | 23.74 | 34.25 | 0.60 | 41.41 | 1,733 |
| Riau Islands | 8.68 | 20.52 | 0.41 | 70.39 | 2,613 |
| DKI Jakarta | 20.84 | 35.60 | 0.76 | 42.80 | 10,252 |
| West Java | 19.07 | 19.97 | 0.31 | 60.64 | 54,183 |
| Central Java | 24.25 | 40.35 | 0.54 | 34.86 | 37,972 |
| DI Yogyakarta | 23.73 | 53.64 | 0.80 | 21.83 | 3,296 |
| East Java | 23.07 | 35.40 | 0.69 | 40.83 | 39,162 |
| Banten | 15.30 | 19.32 | 0.27 | 65.11 | 13,618 |
| Bali | 24.97 | 50.45 | 0.20 | 24.37 | 4,270 |
| West Nusa Tenggara | 28.69 | 28.98 | 0.16 | 42.17 | 6,921 |
| East Nusa Tenggara | 23.99 | 22.90 | 0.51 | 52.60 | 7,762 |
| West Kalimantan | 28.61 | 29.89 | 0.48 | 41.03 | 6,703 |
| Central Kalimantan | 25.43 | 28.76 | 0.48 | 45.34 | 3,270 |
| South Kalimantan | 31.88 | 33.34 | 0.58 | 34.20 | 4,923 |
| East Kalimantan | 26.41 | 42.57 | 0.60 | 30.41 | 4,420 |
| North Kalimantan | 31.30 | 29.74 | 0.66 | 38.30 | 867 |
| North Sulawesi | 8.61 | 18.50 | 0.50 | 72.40 | 2,714 |
| Central Sulawesi | 15.86 | 24.31 | 0.76 | 59.06 | 3,700 |
| South Sulawesi | 17.92 | 23.12 | 0.46 | 58.51 | 10,595 |
| Southeast Sulawesi | 8.61 | 10.71 | 0.55 | 80.14 | 3,607 |
| Gorontalo | 21.83 | 33.51 | 0.28 | 44.39 | 1,423 |
| West Sulawesi | 17.33 | 31.68 | 0.73 | 50.26 | 1,960 |
| Maluku | 6.51 | 10.02 | 0.49 | 82.98 | 2,418 |
| North Maluku | 13.21 | 19.14 | 0.83 | 66.82 | 1,689 |
| West Papua | 9.58 | 17.44 | 0.90 | 72.08 | 751 |
| Southwest Papua | 9.88 | 9.16 | 0.23 | 80.73 | 816 |
| Papua | 8.02 | 16.41 | 2.95 | 72.62 | 1,536 |
| South Papua | 8.83 | 26.38 | 1.91 | 62.88 | 1,019 |
| Central Papua | 8.88 | 13.25 | 1.12 | 76.75 | 1,814 |
| Highland Papua | 9.49 | 4.50 | 0.54 | 85.47 | 1,594 |
| INDONESIA | 18.39 | 26.46 | 0.57 | 54.58 | 306,281 |

Table 14.57 Proportion of Birth Head Circumference in Children Aged 0-59 Months by Characteristic, 2023 SKI

| Characteristic | Head Circumference at Birth | | | | Weighted N |
|--|-----------------------------|----------------------|---------------------------|---------|------------|
| | < 33 cm (microcephalus) | 33-37 cm (normal) | >37 cm (macrocephalus) | Unknown | |
| Age Range (months) | | | | | |
| 0-5 | 23.0 | 34.5 | 0.6 | 42.0 | 24,148 |
| 6-11 | 20.4 | 33.2 | 0.6 | 45.8 | 26,495 |
| 12-23 | 19.7 | 29.3 | 0.6 | 50.4 | 58,130 |
| 24-35 | 18.2 | 25.4 | 0.5 | 55.8 | 61,910 |
| 36-47 | 17.5 | 24.3 | 0.6 | 57.7 | 67,714 |
| 48-59 | 15.9 | 21.7 | 0.5 | 61.9 | 67,885 |
| Sex | | | | | |
| Male | 17.7 | 27.2 | 0.6 | 54.6 | 156,673 |
| Female | 19.2 | 25.7 | 0.6 | 54.6 | 149,608 |
| HoH Education | | | | | |
| Never attended school | 17.9 | 19.9 | 0.7 | 61.5 | 7,237 |
| Some primary school/Islamic primary school | 19.9 | 24.7 | 0.6 | 54.8 | 12,575 |
| Primary school/Islamic primary school graduate | 21.7 | 25.8 | 0.6 | 51.9 | 61,200 |
| Junior secondary school/Islamic junior secondary school graduate | 20.0 | 27.0 | 0.5 | 52.6 | 63,346 |
| Senior secondary school/Islamic senior secondary school graduate | 16.8 | 26.3 | 0.6 | 56.4 | 123,968 |
| D1/D2/D3/university graduate | | | | | |
| HoH Occupation | | | | | |
| Unemployed | 18.7 | 22.5 | 0.7 | 58.1 | 8,227 |
| Student | 16.1 | 28.5 | 0.5 | 54.9 | 730 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 14.7 | 27.8 | 0.7 | 56.9 | 14,006 |
| Private employee | 17.8 | 29.5 | 0.6 | 52.0 | 67,300 |
| Self-employed | 17.8 | 27.0 | 0.6 | 54.6 | 89,576 |
| Farmer/farm worker | 19.4 | 24.4 | 0.6 | 55.6 | 70,317 |
| Fisher | 20.2 | 24.4 | 0.5 | 54.9 | 44,616 |
| Labor/driver/domestic help | 17.2 | 26.0 | 0.5 | 56.3 | 11,510 |
| Others | 18.7 | 22.5 | 0.7 | 58.1 | 8,227 |
| Residence | | | | | |
| Urban | 17.4 | 26.5 | 0.6 | 55.6 | 178,047 |
| Rural | 19.7 | 26.4 | 0.6 | 53.2 | 128,234 |

14.6 INFANT AND CHILD FEEDING PRACTICES

BREASTFEEDING AND COMPLEMENTARY FEEDING [INDIVIDUALS AGED 0-23 MONTHS]

Proportion of Early Initiation of Breastfeeding (EIB) in Children Aged 0-23 Months

Definition: 'Early Initiation of Breastfeeding (EIB)' is the process of allowing the baby to instinctively breastfeed within the first hour after birth, accompanied by skin-to-skin contact between the baby and the mother for at least one hour, until the baby self-latches (Ministry of Health, 2008; WHO, 2017)

EIB involves the mother and baby having skin-to-skin contact as soon as possible within one hour after birth. The newborn is placed on the mother's chest/abdomen with the mother's skin in direct contact with the baby's skin (without any barrier) for a minimum of one hour. This indicator is based on historical recall.

The practice of EIB for children aged 0-23 months is calculated using the following formula:

$$\text{Proportion of Early Initiation of Breastfeeding} = \frac{\text{Number of children aged 0-23 months with a history of being placed on the mother's chest/abdomen immediately after birth (within } < 60 \text{ minutes) and attached for } \geq 1 \text{ hour}}{\text{Total number of children aged 0-23 months}}$$

Table 14.58 Proportion of Early Initiation of Breastfeeding (EIB) in Children Aged 0-23 Months by Province, 2023 SKI

| Province | Start Time of Initiation | | | | Weighted N | Duration of Initiation | | | | EIB (New Definition) | | Weighted N | | |
|--------------------|--------------------------|--------------------|--------------|------------------|---------------|------------------------|--------------------|--------------|--------------------|----------------------|------------|------------------|---------------|--|
| | < 60 minutes | | ≥ 60 minutes | | | < 60 minutes | | ≥ 60 minutes | | Weighted N | | | | |
| | % | 95% CI | % | 95% CI | | % | 95% CI | % | 95% CI | % | 95% CI | | | |
| Aceh | 94.1 | 91.6 - 95.8 | 5.9 | 4.2 - 8.4 | 376 | 88.7 | 85.5 - 91.2 | 11.3 | 8.8 - 14.5 | 376 | 5.6 | 4.2 - 7.4 | 637 | |
| Sumatra Utara | 95.9 | 93.6 - 97.4 | 4.1 | 2.6 - 6.4 | 976 | 92.3 | 89.6 - 94.3 | 7.7 | 5.7 - 10.4 | 976 | 4.0 | 2.9 - 5.5 | 1,907 | |
| Sumatra Barat | 91.5 | 88.0 - 94.0 | 8.5 | 6.0 - 12 | 399 | 85.4 | 81.8 - 88.4 | 14.6 | 11.6 - 18.2 | 399 | 7.0 | 5.4 - 9.1 | 670 | |
| Riau | 95.4 | 92.9 - 97.0 | 4.6 | 3.0 - 7.1 | 475 | 89.0 | 85.2 - 92.0 | 11.0 | 8.0 - 14.8 | 475 | 6.0 | 4.3 - 8.5 | 815 | |
| Jambi | 89.1 | 83.9 - 92.8 | 10.9 | 7.2 - 16.1 | 272 | 89.8 | 85.6 - 92.9 | 10.2 | 7.1 - 14.4 | 272 | 6.3 | 4.2 - 9.4 | 384 | |
| Sumatra Selatan | 96.3 | 94.1 - 97.7 | 3.7 | 2.3 - 5.9 | 636 | 91.8 | 88.8 - 94.1 | 8.2 | 5.9 - 11.2 | 636 | 4.3 | 3.0 - 6.2 | 976 | |
| Bengkulu | 96.0 | 91.8 - 98.1 | 4.0 | 1.9 - 8.2 | 147 | 87.3 | 80.8 - 91.9 | 12.7 | 8.1 - 19.2 | 147 | 7.4 | 4.5 - 12 | 229 | |
| Lampung | 96.6 | 94.3 - 98.0 | 3.4 | 2.0 - 5.7 | 563 | 89.3 | 85.6 - 92.1 | 10.7 | 7.9 - 14.4 | 563 | 5.0 | 3.5 - 7.2 | 1,032 | |
| Bangka Belitung | 95.4 | 90.8 - 97.8 | 4.6 | 2.2 - 9.2 | 86 | 89.0 | 82.8 - 93.2 | 11.0 | 6.8 - 17.2 | 86 | 4.6 | 2.6 - 8.0 | 151 | |
| Riau Islands | 98.0 | 95.2 - 99.2 | 2.0 | 0.8 - 4.8 | 154 | 94.9 | 91.3 - 97.0 | 5.1 | 3.0 - 8.7 | 154 | 2.9 | 1.7 - 4.8 | 249 | |
| DKI Jakarta | 94.3 | 87.4 - 97.5 | 5.7 | 2.5 - 12.6 | 669 | 83.3 | 76.0 - 88.7 | 16.7 | 11.3 - 24 | 669 | 8.0 | 5.1 - 12.3 | 1,080 | |
| West Java | 94.7 | 93.0 - 96.0 | 5.3 | 4.0 - 7.0 | 3,601 | 85.0 | 82.3 - 87.4 | 15.0 | 12.6 - 17.7 | 3,601 | 9.2 | 7.6 - 11.1 | 5,425 | |
| Central Java | 94.0 | 92.2 - 95.3 | 6.0 | 4.7 - 7.8 | 2,542 | 85.7 | 83.1 - 88.0 | 14.3 | 12.0 - 16.9 | 2,542 | 8.0 | 6.5 - 9.7 | 3,883 | |
| DI Yogyakarta | 96.2 | 90.7 - 98.5 | 3.8 | 1.5 - 9.3 | 219 | 80.6 | 71.6 - 87.3 | 19.4 | 12.7 - 28.4 | 219 | 12.4 | 7.7 - 19.5 | 308 | |
| East Java | 93.4 | 91.4 - 95.0 | 6.6 | 5.0 - 8.6 | 2,357 | 83.4 | 80.5 - 86.0 | 16.6 | 14.0 - 19.5 | 2,357 | 8.4 | 6.9 - 10.2 | 3,803 | |
| Banten | 93.2 | 88.9 - 96.0 | 6.8 | 4.0 - 11.1 | 751 | 88.8 | 83.1 - 92.7 | 11.2 | 7.3 - 16.9 | 751 | 5.2 | 3.2 - 8.4 | 1,298 | |
| Bali | 91.6 | 85.9 - 95.1 | 8.4 | 4.9 - 14.1 | 198 | 84.0 | 77.1 - 89.1 | 16.0 | 10.9 - 22.9 | 198 | 6.9 | 4.6 - 10.2 | 450 | |
| West Nusa Tenggara | 94.6 | 92.0 - 96.4 | 5.4 | 3.6 - 8.0 | 453 | 77.8 | 71.6 - 82.9 | 22.2 | 17.1 - 28.4 | 453 | 12.7 | 9.2 - 17.3 | 715 | |
| East Nusa Tenggara | 88.1 | 85.0 - 90.6 | 11.9 | 9.4 - 15 | 499 | 73.9 | 70.1 - 77.3 | 26.1 | 22.7 - 29.9 | 499 | 13.1 | 11.2 - 15.3 | 807 | |
| West Kalimantan | 93.4 | 90.3 - 95.6 | 6.6 | 4.4 - 9.7 | 365 | 83.5 | 78.7 - 87.4 | 16.5 | 12.6 - 21.3 | 365 | 9.0 | 6.6 - 12.3 | 565 | |
| Central Kalimantan | 92.5 | 88.7 - 95.1 | 7.5 | 4.9 - 11.3 | 210 | 80.3 | 74.5 - 85.1 | 19.7 | 14.9 - 25.5 | 210 | 10.6 | 7.7 - 14.4 | 345 | |
| South Kalimantan | 94.7 | 91.3 - 96.8 | 5.3 | 3.2 - 8.7 | 322 | 87.0 | 82.9 - 90.2 | 13.0 | 9.8 - 17.1 | 322 | 7.4 | 5.5 - 9.9 | 485 | |
| East Kalimantan | 95.5 | 92.5 - 97.4 | 4.5 | 2.6 - 7.5 | 285 | 85.4 | 81.0 - 89.0 | 14.6 | 11.0 - 19.0 | 285 | 9.0 | 6.6 - 12.1 | 425 | |
| North Kalimantan | 94.5 | 89.3 - 97.3 | 5.5 | 2.7 - 10.7 | 56 | 86.1 | 79.4 - 90.8 | 13.9 | 9.2 - 20.6 | 56 | 8.7 | 5.6 - 13.5 | 89 | |
| North Sulawesi | 91.4 | 86.7 - 94.5 | 8.6 | 5.5 - 13.3 | 129 | 93.9 | 90.1 - 96.3 | 6.1 | 3.7 - 9.9 | 129 | 1.5 | 0.7 - 2.9 | 287 | |
| Central Sulawesi | 94.1 | 90.6 - 96.3 | 5.9 | 3.7 - 9.4 | 211 | 88.9 | 85.4 - 91.6 | 11.1 | 8.4 - 14.6 | 211 | 5.3 | 3.8 - 7.3 | 406 | |
| South Sulawesi | 93.4 | 91.4 - 95.0 | 6.6 | 5.0 - 8.6 | 639 | 87.5 | 84.9 - 89.6 | 12.5 | 10.4 - 15.1 | 639 | 5.2 | 4.2 - 6.6 | 1,104 | |
| Southeast Sulawesi | 91.5 | 87.9 - 94.0 | 8.5 | 6.0 - 12.1 | 189 | 87.2 | 83.5 - 90.2 | 12.8 | 9.8 - 16.5 | 189 | 5.9 | 4.4 - 7.9 | 367 | |
| Gorontalo | 95.4 | 91.3 - 97.6 | 4.6 | 2.4 - 8.7 | 82 | 85.8 | 78.3 - 91.1 | 14.2 | 8.9 - 21.7 | 82 | 7.2 | 4.3 - 12.0 | 152 | |
| West Sulawesi | 93.2 | 89.2 - 95.8 | 6.8 | 4.2 - 10.8 | 145 | 77.1 | 69.7 - 83.1 | 22.9 | 16.9 - 30.3 | 145 | 14.8 | 10.5 - 20.5 | 210 | |
| Maluku | 96.0 | 92.3 - 97.9 | 4.0 | 2.1 - 7.7 | 108 | 90.8 | 84.3 - 94.8 | 9.2 | 5.2 - 15.7 | 108 | 4.0 | 2.2 - 7.2 | 247 | |
| North Maluku | 97.4 | 95.5 - 98.5 | 2.6 | 1.5 - 4.5 | 97 | 93.5 | 89.5 - 96.0 | 6.5 | 4.0 - 10.5 | 97 | 3.8 | 2.2 - 6.3 | 161 | |
| Papua | 91.6 | 86.5 - 94.8 | 8.4 | 5.2 - 13.5 | 39* | 82.5 | 68.5 - 91.1 | 17.5 | 8.9 - 31.5 | 39* | 7.1 | 3.3 - 14.7 | 88 | |
| South Papua | 97.7 | 92.6 - 99.3 | 2.3 | 0.7 - 7.4 | 32* | 92.3 | 85.6 - 96.0 | 7.7 | 4.0 - 14.4 | 32* | 2.0 | 0.9 - 4.4 | 91 | |
| Central Papua | 97.3 | 92.8 - 99.0 | 2.7 | 1.0 - 7.2 | 90 | 92.1 | 86.0 - 95.7 | 7.9 | 4.3 - 14.0 | 90 | 4.6 | 2.5 - 8.4 | 157 | |
| Highland Papua | 91.3 | 75.9 - 97.3 | 8.7 | 2.7 - 24.1 | 33* | 86.0 | 69.1 - 94.4 | 14.0 | 5.6 - 30.9 | 33* | 4.3 | 1.7 - 10.8 | 92 | |
| West Papua | 85.2 | 68.9 - 93.7 | 14.8 | 6.3 - 31.1 | 44* | 66.3 | 54.5 - 76.4 | 33.7 | 23.6 - 45.5 | 44* | 7.8 | 4.3 - 13.9 | 134 | |
| Southwest Papua | 79.3 | 56.8 - 91.8 | 20.7 | 8.2 - 43.2 | 34* | 82.6 | 70.6 - 90.4 | 17.4 | 9.6 - 29.4 | 34* | 4.6 | 2.3 - 9.3 | 109 | |
| INDONESIA | 94.1 | 93.5 - 94.6 | 5.9 | 5.4 - 6.5 | 18,482 | 85.8 | 84.9 - 86.6 | 14.2 | 13.4 - 15.1 | 18,482 | 7.5 | 7.0 - 8.0 | 30,333 | |

*Weighted N < 50

Table 14.59 Proportion of Early Initiation of Breastfeeding (IMD) among Children Aged 0-23 Months by Characteristic, 2023 SKI

| Characteristic | Start Time of Initiation | | | | Weighted N | Duration of Initiation | | | | EIB | | | |
|--|--------------------------|-------------|--------------|------------|------------|------------------------|-------------|--------------|-------------|------------|-----|------------|--|
| | < 60 minutes | | ≥ 60 minutes | | | <60 minutes | | ≥ 60 minutes | | Weighted N | % | 95% CI | |
| | % | 95% CI | % | 95% CI | | % | 95% CI | % | 95% CI | | | | |
| Age Range | | | | | | | | | | | | | |
| 0 - 5 months | 94.0 | 92.7 - 95.0 | 6.0 | 5.0 - 7.3 | 4,034 | 86.1 | 84.4 - 87.7 | 13.9 | 12.3 - 15.6 | 4,034 | 7.1 | 6.2 - 8.0 | |
| 6 - 11 months | 93.9 | 92.8 - 94.8 | 6.1 | 5.2 - 7.2 | 4,630 | 85.6 | 83.9 - 87.2 | 14.4 | 12.8 - 16.1 | 4,630 | 7.9 | 6.9 - 9.0 | |
| 12 - 23 months | 94.2 | 93.4 - 94.9 | 5.8 | 5.1 - 6.6 | 9,819 | 85.7 | 84.5 - 86.8 | 14.3 | 13.2 - 15.5 | 9,819 | 7.5 | 6.8 - 8.2 | |
| Sex | | | | | | | | | | | | | |
| Male | 93.8 | 93.0 - 94.5 | 6.2 | 5.5 - 7.0 | 9,434 | 85.7 | 84.5 - 86.8 | 14.3 | 13.2 - 15.5 | 9,434 | 7.3 | 6.7 - 8.0 | |
| Female | 94.3 | 93.6 - 95.0 | 5.7 | 5.0 - 6.4 | 9,048 | 85.9 | 84.7 - 87.0 | 14.1 | 13.0 - 15.3 | 9,048 | 7.7 | 7.0 - 8.4 | |
| HoH Education | | | | | | | | | | | | | |
| Never attended school | 92.6 | 88.3 - 95.4 | 7.4 | 4.6 - 11.7 | 343 | 83.3 | 77.7 - 87.7 | 16.7 | 12.3 - 22.3 | 343 | 7.5 | 5.2 - 10.6 | |
| Some primary school | 94.6 | 92.1 - 96.3 | 5.4 | 3.7 - 7.9 | 607 | 82.6 | 77.3 - 86.9 | 17.4 | 13.1 - 22.7 | 607 | 9.4 | 6.8 - 12.8 | |
| Primary school graduate | 94.0 | 92.5 - 95.2 | 6.0 | 4.8 - 7.5 | 3,196 | 85.8 | 83.6 - 87.7 | 14.2 | 12.3 - 16.4 | 3,196 | 7.4 | 6.3 - 8.7 | |
| Junior secondary school graduate | 94.1 | 92.8 - 95.1 | 5.9 | 4.9 - 7.2 | 3,628 | 85.5 | 83.4 - 87.4 | 14.5 | 12.6 - 16.6 | 3,628 | 7.4 | 6.3 - 8.7 | |
| Senior secondary school graduate | 94.7 | 93.9 - 95.4 | 5.3 | 4.6 - 6.1 | 7,822 | 86.8 | 85.6 - 87.9 | 13.2 | 12.1 - 14.4 | 7,822 | 7.3 | 6.6 - 8.0 | |
| D1/D2/D3/university graduate | 92.5 | 91.0 - 93.8 | 7.5 | 6.2 - 9.0 | 2,886 | 84.2 | 82.1 - 86.2 | 15.8 | 13.8 - 17.9 | 2,886 | 7.9 | 6.7 - 9.2 | |
| Mother's Education | | | | | | | | | | | | | |
| Never attended school | 91.4 | 85.0 - 95.2 | 8.6 | 4.8 - 15 | 245 | 81.0 | 73.4 - 86.9 | 19.0 | 13.1 - 26.6 | 245 | 7.6 | 4.9 - 11.6 | |
| Some primary school | 90.3 | 84.7 - 94.0 | 9.7 | 6 - 15.3 | 586 | 84.6 | 78.9 - 89.0 | 15.4 | 11.0 - 21.1 | 586 | 7.0 | 5.0 - 9.9 | |
| Primary school graduate | 94.6 | 93.1 - 95.8 | 5.4 | 4.2 - 6.9 | 2,754 | 85.4 | 83.0 - 87.5 | 14.6 | 12.5 - 17.0 | 2,754 | 8.2 | 6.8 - 9.7 | |
| Junior secondary school graduate | 94.0 | 92.8 - 95.1 | 6.0 | 4.9 - 7.2 | 4,052 | 85.8 | 83.8 - 87.5 | 14.2 | 12.5 - 16.2 | 4,052 | 7.7 | 6.6 - 8.9 | |
| Senior secondary school graduate | 94.9 | 94.0 - 95.6 | 5.1 | 4.4 - 6.0 | 6,732 | 87.4 | 86.2 - 88.6 | 12.6 | 11.4 - 13.8 | 6,732 | 6.7 | 6.0 - 7.5 | |
| D1/D2/D3/university graduate | 92.8 | 91.5 - 93.9 | 7.2 | 6.1 - 8.5 | 3,189 | 83.2 | 81.1 - 85.0 | 16.8 | 15.0 - 18.9 | 3,189 | 8.8 | 7.6 - 10.1 | |
| HoH Occupation | | | | | | | | | | | | | |
| Unemployed | 93.1 | 86.1 - 96.7 | 6.9 | 3.3 - 13.9 | 460 | 85.6 | 78.6 - 90.5 | 14.4 | 9.5 - 21.4 | 460 | 6.6 | 4.3 - 10.0 | |
| Student | 92.6 | 80.9 - 97.4 | 7.4 | 2.6 - 19.1 | 41* | 87.9 | 71.0 - 95.5 | 12.1 | 4.5 - 29.0 | 41* | 4.9 | 1.5 - 14.4 | |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 93.0 | 90.5 - 94.8 | 7.0 | 5.2 - 9.5 | 1,089 | 86.6 | 83.5 - 89.1 | 13.4 | 10.9 - 16.5 | 1,089 | 6.9 | 5.5 - 8.7 | |
| Private employee | 93.9 | 92.5 - 95.1 | 6.1 | 4.9 - 7.5 | 4,056 | 85.9 | 84.0 - 87.7 | 14.1 | 12.3 - 16.0 | 4,056 | 7.2 | 6.2 - 8.4 | |
| Self-employed | 94.0 | 93.0 - 94.9 | 6.0 | 5.1 - 7.0 | 5,567 | 85.4 | 83.8 - 86.9 | 14.6 | 13.1 - 16.2 | 5,567 | 7.9 | 7.0 - 8.9 | |
| Farmer/farm worker | 94.1 | 92.9 - 95.1 | 5.9 | 4.9 - 7.1 | 3,391 | 85.8 | 84.0 - 87.5 | 14.2 | 12.5 - 16.0 | 3,391 | 7.1 | 6.1 - 8.2 | |
| Fisher | 93.0 | 89.5 - 95.4 | 7.0 | 4.6 - 10.5 | 364 | 82.7 | 75.6 - 88.1 | 17.3 | 11.9 - 24.4 | 364 | 8.5 | 5.4 - 13.1 | |
| Labor/driver/domestic help | 95.3 | 94.0 - 96.4 | 4.7 | 3.6 - 6.0 | 2,738 | 86.1 | 83.6 - 88.3 | 13.9 | 11.7 - 16.4 | 2,738 | 8.1 | 6.8 - 9.8 | |
| Others | 92.9 | 89.6 - 95.2 | 7.1 | 4.8 - 10.4 | 776 | 86.2 | 82.7 - 89.1 | 13.8 | 10.9 - 17.3 | 776 | 6.8 | 5.3 - 8.8 | |
| Mother's Employment Status | | | | | | | | | | | | | |
| Employed | 93.8 | 92.9 - 94.5 | 6.2 | 5.5 - 7.1 | 6,378 | 85.1 | 83.8 - 86.3 | 14.9 | 12.8 - 16.1 | 4,630 | 7.9 | 7.2 - 8.8 | |
| Unemployed | 94.2 | 93.4 - 94.9 | 5.8 | 5.1 - 6.6 | 11,179 | 86.2 | 85.0 - 87.2 | 13.8 | 13.2 - 15.5 | 9,819 | 7.3 | 6.7 - 8.0 | |
| Residence | | | | | | | | | | | | | |
| Urban | 94.0 | 93.2 - 94.7 | 6.0 | 5.3 - 6.8 | 10,622 | 85.8 | 84.7 - 86.9 | 14.2 | 13.2 - 15.5 | 9,434 | 7.5 | 6.9 - 8.2 | |
| Rural | 94.2 | 93.4 - 94.9 | 5.8 | 5.1 - 6.6 | 7,860 | 85.7 | 84.4 - 86.9 | 14.3 | 13.0 - 15.3 | 9,048 | 7.5 | 6.7 - 8.3 | |
| Economic Status | | | | | | | | | | | | | |
| Lowest | 93.7 | 92.2 - 94.8 | 6.3 | 5.2 - 7.8 | 1,971 | 85.3 | 83.2 - 87.2 | 14.7 | 12.3 - 22.3 | 343 | 6.9 | 5.9 - 8.1 | |
| Middle Low | 95.0 | 93.7 - 96.0 | 5.0 | 4.0 - 6.3 | 3,116 | 85.4 | 83.2 - 87.3 | 14.6 | 13.1 - 22.7 | 607 | 8.0 | 6.8 - 9.3 | |
| Middle | 94.7 | 93.6 - 95.7 | 5.3 | 4.3 - 6.4 | 4,008 | 85.5 | 83.6 - 87.2 | 14.5 | 12.3 - 16.4 | 3,196 | 7.9 | 6.8 - 9.0 | |
| Upper Middle | 94.1 | 92.9 - 95.1 | 5.9 | 4.9 - 7.1 | 4,650 | 87.5 | 86.0 - 88.9 | 12.5 | 12.6 - 16.6 | 3,628 | 6.7 | 5.9 - 7.7 | |
| Highest | 93.0 | 91.7 - 94.1 | 7.0 | 5.9 - 8.3 | 4,736 | 84.8 | 82.9 - 86.5 | 15.2 | 12.1 - 14.4 | 7,822 | 7.9 | 6.9 - 9.1 | |

Proportion of Time to Start Breastfeeding in Children Aged 0-23 Months

Definition: 'Start breastfeeding' is the time when the child was first breastfed. If during IMD the child reached the nipple, it is considered that breastfeeding has started, regardless of whether milk has begun to flow or not.

The proportion of time to start breastfeeding in children aged 0-23 months is calculated using the formula:

$$\text{Proportion of Time to Start Breastfeeding in Children Aged 0-23 Months} = \frac{\text{Number of children aged 0-23 months based on time to start breastfeeding}}{\text{Number of children aged 0-23 months}}$$

Table 14.60 Proportion of Time to Start Breastfeeding in Children Aged 0-23 Months by Province, 2023 SKI

| Province | Time to Start Breastfeeding (%) | | | | | | | | | Weighted N | |
|--------------------|---------------------------------|--------------------|-------------|--------------------|------------|------------------|------------|-------------------|-------------|--------------------|---------------|
| | < 1 Hr | | 1-6 Hrs | | 7-23 Hrs | | 24-47 Hrs | | ≥ 48 Hrs | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 28.3 | 25.1 - 31.9 | 45.1 | 41.6 - 48.7 | 4.4 | 3.2 - 6.0 | 6.3 | 5.0 - 8.1 | 15.9 | 13.3 - 18.8 | 637 |
| North Sumatra | 22.1 | 18.5 - 26.1 | 38.8 | 35.3 - 42.3 | 5.4 | 4.1 - 7.2 | 12.1 | 10 - 14.7 | 21.5 | 19.1 - 24.2 | 1,907 |
| West Sumatra | 25.0 | 21.8 - 28.5 | 55.4 | 51.4 - 59.3 | 5.2 | 3.9 - 6.9 | 5.1 | 3.9 - 6.8 | 9.3 | 7.2 - 12.0 | 670 |
| Riau | 23.3 | 19.7 - 27.3 | 50.1 | 45.7 - 54.4 | 4.4 | 3.1 - 6.2 | 11.4 | 8.9 - 14.5 | 10.9 | 8.7 - 13.4 | 815 |
| Jambi | 24.5 | 19.7 - 30.1 | 44.5 | 38.9 - 50.3 | 6.5 | 4.1 - 10.1 | 11.8 | 8.5 - 16.3 | 12.6 | 9.5 - 16.7 | 384 |
| South Sumatra | 31.6 | 27.9 - 35.6 | 47.5 | 43.4 - 51.6 | 4.1 | 2.9 - 5.8 | 7.0 | 5.3 - 9.1 | 9.9 | 7.5 - 12.9 | 976 |
| Bengkulu | 19.9 | 15.6 - 24.9 | 56.3 | 50.6 - 62.0 | 6.3 | 4.2 - 9.2 | 8.2 | 5.6 - 11.8 | 9.3 | 6.2 - 13.7 | 229 |
| Lampung | 25.4 | 21.3 - 30.0 | 41.5 | 37.4 - 45.8 | 5.4 | 3.9 - 7.6 | 11.3 | 8.6 - 14.7 | 16.3 | 13.0 - 20.3 | 1,032 |
| Bangka Belitung | 23.1 | 17.5 - 29.8 | 55.3 | 48.4 - 62.1 | 1.8 | 0.7 - 4.4 | 6.0 | 3.5 - 9.8 | 13.8 | 10.0 - 18.7 | 151 |
| Riau Islands | 36.8 | 29.8 - 44.5 | 33.5 | 27.3 - 40.4 | 4.6 | 2.6 - 8.3 | 7.3 | 4.4 - 11.8 | 17.7 | 12.2 - 24.9 | 249 |
| DKI Jakarta | 26.8 | 21.5 - 32.9 | 40.1 | 33.6 - 46.9 | 8.2 | 5.3 - 12.4 | 12.3 | 8.5 - 17.6 | 12.6 | 8.6 - 18.1 | 1,080 |
| West Java | 31.0 | 28.4 - 33.7 | 44.5 | 41.6 - 47.4 | 4.9 | 3.7 - 6.5 | 7.8 | 6.4 - 9.5 | 11.8 | 10.1 - 13.8 | 5,425 |
| Central Java | 31.0 | 28.5 - 33.6 | 43.1 | 40.3 - 45.9 | 5.8 | 4.7 - 7.1 | 9.5 | 8.0 - 11.2 | 10.7 | 9.1 - 12.6 | 3,883 |
| DI Yogyakarta | 39.5 | 32.0 - 47.6 | 41.2 | 33.3 - 49.6 | 7.1 | 4 - 12.5 | 4.7 | 2.4 - 9.1 | 7.5 | 4.4 - 12.3 | 308 |
| East Java | 24.0 | 21.6 - 26.5 | 45.3 | 42.3 - 48.3 | 6.1 | 4.9 - 7.6 | 11.6 | 9.8 - 13.8 | 13.0 | 11.1 - 15.2 | 3,803 |
| Banten | 23.3 | 18.9 - 28.3 | 48.0 | 42.0 - 54.1 | 7.3 | 5 - 10.6 | 8.5 | 6.0 - 12.1 | 12.8 | 9.7 - 16.9 | 1,298 |
| Bali | 23.2 | 18.9 - 28.1 | 51.4 | 46.2 - 56.5 | 8.4 | 5.8 - 12 | 7.7 | 5.3 - 11.0 | 9.4 | 6.4 - 13.5 | 450 |
| West Nusa Tenggara | 30.9 | 25.6 - 36.7 | 50.4 | 44.7 - 56.1 | 2.3 | 1.2 - 4.3 | 7.4 | 5.4 - 10.2 | 9.0 | 6.9 - 11.7 | 715 |
| East Nusa Tenggara | 23.3 | 20.6 - 26.2 | 55.7 | 52.6 - 58.7 | 4.4 | 3.3 - 5.9 | 7.0 | 5.6 - 8.7 | 9.6 | 8.0 - 11.5 | 807 |
| North Kalimantan | 28.3 | 24.1 - 32.9 | 43.0 | 38.3 - 47.9 | 7.0 | 4.9 - 10.0 | 10.6 | 7.9 - 14.1 | 11.0 | 8.4 - 14.4 | 565 |
| West Kalimantan | 25.8 | 21.4 - 30.8 | 50.3 | 45.0 - 55.7 | 2.0 | 1.0 - 4.0 | 8.8 | 6.2 - 12.5 | 13.0 | 10.0 - 16.6 | 345 |
| Central Kalimantan | 23.2 | 19.5 - 27.5 | 52.9 | 48.1 - 57.7 | 4.9 | 3.1 - 7.6 | 9.5 | 7.0 - 12.8 | 9.4 | 7.1 - 12.4 | 485 |
| South Kalimantan | 18.3 | 14.5 - 22.8 | 52.8 | 46.9 - 58.5 | 6.6 | 4.4 - 9.7 | 11.5 | 8.2 - 15.9 | 10.9 | 8.2 - 14.3 | 425 |
| East Kalimantan | 26.4 | 20.6 - 33.0 | 50.0 | 42.8 - 57.3 | 6.9 | 3.8 - 12.2 | 8.7 | 5.4 - 13.6 | 8.1 | 5.0 - 12.8 | 89 |
| North Sulawesi | 20.8 | 16.7 - 25.7 | 49.3 | 43.5 - 55.2 | 4.3 | 2.7 - 6.7 | 8.7 | 6.4 - 11.6 | 16.8 | 13.4 - 21.0 | 287 |
| Central Sulawesi | 26.0 | 22.1 - 30.3 | 37.2 | 32.9 - 41.8 | 2.7 | 1.8 - 4.0 | 10.7 | 8.3 - 13.6 | 23.4 | 19.7 - 27.7 | 406 |
| South Sulawesi | 29.8 | 26.7 - 33.1 | 40.7 | 37.5 - 44.0 | 3.7 | 2.6 - 5.2 | 10.5 | 8.7 - 12.6 | 15.3 | 13.0 - 17.9 | 1,104 |
| Southeast Sulawesi | 23.3 | 20.1 - 26.9 | 40.9 | 37.0 - 44.9 | 3.8 | 2.8 - 5.3 | 10.3 | 8.1 - 13.0 | 21.7 | 18.4 - 25.5 | 367 |
| Gorontalo | 29.7 | 23.8 - 36.3 | 38.6 | 32.6 - 44.9 | 5.3 | 2.9 - 9.5 | 10.5 | 7.2 - 15.2 | 15.9 | 11.5 - 21.6 | 152 |
| West Sulawesi | 24.7 | 19.4 - 30.8 | 46.2 | 39.9 - 52.5 | 4.6 | 2.4 - 8.4 | 9.1 | 6.1 - 13.4 | 15.5 | 11.2 - 21.1 | 210 |
| Maluku | 22.4 | 18.6 - 26.8 | 42.5 | 37.5 - 47.6 | 5.7 | 3.7 - 8.8 | 9.6 | 7.0 - 12.9 | 19.8 | 16.0 - 24.2 | 247 |
| North Maluku | 32.5 | 26.5 - 39.2 | 45.9 | 40.0 - 51.9 | 3.6 | 2.0 - 6.2 | 7.0 | 4.9 - 10.0 | 11.0 | 8.1 - 14.7 | 161 |
| Papua | 29.1 | 22.5 - 36.7 | 38.2 | 31.3 - 45.6 | 8.4 | 4.9 - 14.2 | 12.8 | 7.4 - 21.3 | 11.4 | 7.8 - 16.4 | 88 |
| South Papua | 23.3 | 18.2 - 29.3 | 50.1 | 43.3 - 56.8 | 4.7 | 2.6 - 8.5 | 10.8 | 6.9 - 16.5 | 11.2 | 7.8 - 15.8 | 91 |
| Central Papua | 29.4 | 22.6 - 37.3 | 37.5 | 31.0 - 44.6 | 6.2 | 3.8 - 10.0 | 11.2 | 7.5 - 16.3 | 15.7 | 11.3 - 21.3 | 157 |
| Highland Papua | 22.6 | 16.6 - 29.9 | 57.3 | 47.6 - 66.4 | 1.6 | 0.5 - 5.3 | 12.2 | 6.5 - 21.8 | 6.3 | 3.9 - 10.1 | 92 |
| West Papua | 15.7 | 9.9 - 24.0 | 55.4 | 46.2 - 64.2 | 3.6 | 1.5 - 8.4 | 12.5 | 7.7 - 19.5 | 12.8 | 8.6 - 18.5 | 134 |
| Southwest Papua | 19.9 | 13.1 - 29.2 | 51.9 | 42.2 - 61.4 | 3.1 | 1.4 - 6.5 | 9.8 | 4.3 - 21.1 | 15.3 | 10.0 - 22.6 | 109 |
| INDONESIA | 27.1 | 26.3 - 28.0 | 45.1 | 44.2 - 46.1 | 5.3 | 4.9 - 5.8 | 9.5 | 8.9 - 10.0 | 13.0 | 12.3 - 13.6 | 30,333 |

Table 14.61 Proportion of Time to Start Breastfeeding in Children Aged 0-23 Months by Characteristic, 2023 SKI

| Characteristic | Time to Start Breastfeeding (%) | | | | | | | | | | Weighted N |
|--|---------------------------------|-------------|---------|-------------|----------|------------|-----------|-------------|----------|-------------|------------|
| | < 1 Hr | | 1-6 Hrs | | 7-23 Hrs | | 24-47 Hrs | | ≥ 48 Hrs | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range | | | | | | | | | | | |
| 0 – 5 months | 27.3 | 25.6 - 29.1 | 45.6 | 43.7 - 47.5 | 5.2 | 4.5 - 6.1 | 9.3 | 8.3 - 10.5 | 12.6 | 11.3 - 13.9 | 6,698 |
| 6 – 11 months | 28.1 | 26.4 - 29.8 | 43.6 | 41.8 - 45.4 | 5.4 | 4.5 - 6.3 | 9.6 | 8.6 - 10.8 | 13.3 | 12.1 - 14.6 | 7,378 |
| 12 – 23 months | 26.6 | 25.5 - 27.7 | 45.6 | 44.4 - 46.9 | 5.4 | 4.9 - 6.0 | 9.5 | 8.7 - 10.2 | 13.0 | 12.1 - 13.8 | 16,257 |
| Sex | | | | | | | | | | | |
| Male | 26.4 | 25.3 - 27.6 | 45.4 | 44.1 - 46.7 | 5.9 | 5.3 - 6.5 | 9.0 | 8.3 - 9.7 | 13.3 | 12.5 - 14.2 | 15,542 |
| Female | 27.8 | 26.6 - 29.0 | 44.8 | 43.5 - 46.1 | 4.8 | 4.3 - 5.4 | 10.0 | 9.2 - 10.8 | 12.6 | 11.8 - 13.5 | 14,791 |
| HoH Education | | | | | | | | | | | |
| Never attended school | 25.0 | 20.8 - 29.8 | 51.4 | 46.3 - 56.4 | 3.1 | 1.9 - 5.1 | 8.8 | 6.3 - 12.1 | 11.7 | 8.9 - 15.2 | 643 |
| Some primary school/Islamic primary school | 26.7 | 22.7 - 31.1 | 45.2 | 40.7 - 49.8 | 4.7 | 3.3 - 6.6 | 9.0 | 7.1 - 11.4 | 14.4 | 11.2 - 18.4 | 1,032 |
| Primary school/Islamic primary school graduate | 25.8 | 23.9 - 27.9 | 47.1 | 44.7 - 49.4 | 5.2 | 4.2 - 6.3 | 9.5 | 8.2 - 10.9 | 12.5 | 11.1 - 14.1 | 5,251 |
| Junior secondary school/Islamic junior secondary school graduate | 28.1 | 26.2 - 30.0 | 45.7 | 43.7 - 47.8 | 4.8 | 4.0 - 5.7 | 8.6 | 7.6 - 9.8 | 12.8 | 11.5 - 14.2 | 5,938 |
| Senior secondary school/Islamic senior secondary school graduate | 27.9 | 26.7 - 29.2 | 43.9 | 42.4 - 45.3 | 5.8 | 5.2 - 6.5 | 9.1 | 8.3 - 9.9 | 13.3 | 12.4 - 14.3 | 12,691 |
| D1/D2/D3/university graduate | 25.4 | 23.6 - 27.4 | 44.8 | 42.6 - 47.0 | 5.4 | 4.5 - 6.5 | 11.8 | 10.3 - 13.4 | 12.6 | 11.2 - 14.2 | 4,778 |
| Mother's Education | | | | | | | | | | | |
| Never attended school | 24.0 | 18.7 - 30.2 | 52.3 | 46.2 - 58.3 | 3.6 | 2.3 - 5.8 | 9.6 | 6.8 - 13.4 | 10.5 | 7.7 - 14.2 | 489 |
| Some primary school/Islamic primary school | 23.7 | 20.1 - 27.7 | 49.5 | 44.8 - 54.3 | 4.9 | 3.1 - 7.8 | 10.6 | 8.1 - 13.7 | 11.3 | 8.7 - 14.5 | 983 |
| Primary school/Islamic primary school graduate | 27.9 | 25.7 - 30.2 | 47.7 | 45.2 - 50.2 | 4.6 | 3.6 - 5.9 | 7.5 | 6.4 - 8.8 | 12.2 | 10.7 - 13.9 | 4,409 |
| Junior secondary school/Islamic junior secondary school graduate | 29.1 | 27.2 - 31.0 | 44.6 | 42.6 - 46.7 | 4.7 | 4.0 - 5.6 | 8.8 | 7.7 - 10.1 | 12.8 | 11.5 - 14.2 | 6,412 |
| Senior secondary school/Islamic senior secondary school graduate | 26.8 | 25.5 - 28.2 | 43.6 | 42.1 - 45.1 | 6.2 | 5.5 - 7.0 | 9.9 | 9.0 - 10.8 | 13.5 | 12.5 - 14.5 | 11,175 |
| D1/D2/D3/university graduate | 26.0 | 24.2 - 27.9 | 45.0 | 43.0 - 47.1 | 5.3 | 4.5 - 6.2 | 10.6 | 9.3 - 12.1 | 13.1 | 11.7 - 14.7 | 5,132 |
| HoH Occupation | | | | | | | | | | | |
| Unemployed | 26.5 | 21.6 - 31.9 | 45.7 | 40.2 - 51.4 | 3.7 | 2.2 - 6.2 | 11.1 | 8.1 - 14.9 | 13.1 | 9.8 - 17.2 | 769 |
| Student | 24.0 | 13.2 - 39.7 | 35.6 | 21.6 - 52.5 | 19.6 | 7.0 - 44.1 | 15.4 | 6.4 - 32.4 | 5.4 | 2.5 - 11.2 | 79 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 26.7 | 23.6 - 30.0 | 42.3 | 38.9 - 45.7 | 5.7 | 4.2 - 7.8 | 9.8 | 7.9 - 11.9 | 15.6 | 12.8 - 18.8 | 1,798 |
| Private employee | 26.1 | 24.3 - 28.0 | 44.6 | 42.5 - 46.7 | 6.7 | 5.7 - 7.8 | 10.9 | 9.6 - 12.4 | 11.7 | 10.4 - 13.1 | 6,613 |
| Self-employed | 27.6 | 26.1 - 29.2 | 45.1 | 43.4 - 46.8 | 5.0 | 4.3 - 5.7 | 9.0 | 8.1 - 10.0 | 13.3 | 12.2 - 14.5 | 8,894 |
| Farmer/farm worker | 25.8 | 24.3 - 27.4 | 47.3 | 45.5 - 49.1 | 5.1 | 4.3 - 6.0 | 8.4 | 7.5 - 9.3 | 13.4 | 12.2 - 14.7 | 5,835 |
| Fisher | 31.7 | 27.0 - 36.8 | 41.0 | 36.0 - 46.2 | 3.2 | 2.1 - 4.6 | 11.8 | 8.4 - 16.2 | 12.4 | 9.7 - 15.6 | 663 |
| Labor/driver/domestic help | 29.0 | 26.7 - 31.5 | 45.1 | 42.4 - 47.7 | 4.8 | 3.8 - 6.2 | 8.8 | 7.4 - 10.4 | 12.3 | 10.7 - 14.1 | 4,378 |
| Others | 26.8 | 23.5 - 30.4 | 44.7 | 40.8 - 48.7 | 4.6 | 3.3 - 6.2 | 9.7 | 7.6 - 12.2 | 14.2 | 11.2 - 17.8 | 1,305 |
| Mother's Employment Status | | | | | | | | | | | |
| Employed | 26.6 | 25.3 - 27.9 | 45.5 | 44.1 - 47.0 | 5.3 | 4.7 - 6.0 | 9.8 | 9.0 - 10.8 | 12.8 | 11.8 - 13.8 | 10,396 |
| Unemployed | 27.5 | 26.4 - 28.7 | 44.8 | 43.5 - 46.1 | 5.4 | 4.9 - 6.0 | 9.2 | 8.5 - 9.9 | 13.0 | 12.3 - 13.9 | 18,204 |
| Residence | | | | | | | | | | | |
| Urban | 27.7 | 26.5 - 28.8 | 43.5 | 42.3 - 44.8 | 5.9 | 5.4 - 6.6 | 9.9 | 9.2 - 10.7 | 12.9 | 12.1 - 13.8 | 17,324 |
| Rural | 26.4 | 25.1 - 27.6 | 47.2 | 45.8 - 48.6 | 4.6 | 4.0 - 5.2 | 8.9 | 8.1 - 9.7 | 13.0 | 12.1 - 13.9 | 13,009 |
| Economic Status | | | | | | | | | | | |
| Lowest | 28.0 | 25.9 - 30.1 | 46.0 | 43.8 - 48.1 | 4.4 | 3.6 - 5.3 | 8.8 | 7.6 - 10.2 | 12.9 | 11.5 - 14.4 | 3,605 |
| Lower middle | 28.1 | 26.2 - 30.1 | 45.1 | 43.0 - 47.2 | 5.8 | 4.9 - 7.0 | 9.1 | 8.0 - 10.4 | 11.9 | 10.6 - 13.3 | 5,068 |
| Middle | 27.7 | 26.0 - 29.6 | 45.3 | 43.4 - 47.3 | 4.3 | 3.6 - 5.2 | 8.8 | 7.7 - 10.0 | 13.8 | 12.5 - 15.2 | 6,468 |
| Upper middle | 27.1 | 25.4 - 28.8 | 44.7 | 42.8 - 46.6 | 5.5 | 4.6 - 6.5 | 9.5 | 8.5 - 10.7 | 13.2 | 12.0 - 14.6 | 7,438 |
| Highest | 25.5 | 23.9 - 27.2 | 45.0 | 43.1 - 46.9 | 6.2 | 5.4 - 7.1 | 10.6 | 9.4 - 11.8 | 12.7 | 11.5 - 14.1 | 7,751 |

Exclusive Breastfeeding for 6 Months

The definition of '**exclusive breastfeeding for 6 months**' is children aged 6-23 months who were exclusively breastfed for the first 6 months. In the 2023 SKI, children who were exclusively breastfed for 6 months are identified based on responses to questions about whether children aged 6-23 months are still being breastfed, whether they were introduced to foods or liquids other than breast milk at the age of ≥ 6 months, and whether they were ever given anything other than breast milk before they were first breastfed.

The proportion of exclusive breastfeeding for 6 months is calculated using the formula:

$$\frac{\text{Proportion of Exclusive Breastfeeding for 6 Months}}{\text{Number of children aged 6-23 months who were exclusively breastfed}} = \frac{\text{Number of children aged 6-23 months}}{\text{Number of children aged 6-23 months}}$$

Table 14.62 Proportion of Exclusive Breastfeeding for 6 Months (Age 6-23 Months) by Province, 2023 SKI

| Province | Exclusive Breastfeeding for 6 Months | | Weighted N |
|--------------------|--------------------------------------|--------------------|---------------|
| | % | 95% CI | |
| Aceh | 49.9 | 46.1 - 53.7 | 514 |
| Sumatra Utara | 43.9 | 40.0 - 47.8 | 1,522 |
| Sumatra Barat | 64.4 | 60.5 - 68.2 | 528 |
| Riau | 54.5 | 49.5 - 59.4 | 636 |
| Jambi | 68.2 | 61.9 - 73.8 | 300 |
| Sumatra Selatan | 55.1 | 50.4 - 59.8 | 770 |
| Bengkulu | 63.3 | 57.1 - 69.0 | 181 |
| Lampung | 56.9 | 51.5 - 62.1 | 818 |
| Bangka Belitung | 49.6 | 42.8 - 56.5 | 125 |
| Riau Islands | 50.4 | 41.6 - 59.2 | 190 |
| DKI Jakarta | 60.3 | 53.0 - 67.2 | 871 |
| West Java | 54.1 | 50.9 - 57.3 | 4,246 |
| Central Java | 64.4 | 61.4 - 67.3 | 2,975 |
| DI Yogyakarta | 71.4 | 63.1 - 78.5 | 235 |
| East Java | 52.9 | 49.5 - 56.3 | 2,849 |
| Banten | 57.0 | 50.8 - 63.0 | 1,025 |
| Bali | 57.7 | 52.1 - 63.1 | 351 |
| West Nusa Tenggara | 68.7 | 62.2 - 74.5 | 545 |
| East Nusa Tenggara | 62.8 | 59.2 - 66.3 | 609 |
| West Kalimantan | 63.9 | 58.9 - 68.6 | 444 |
| Central Kalimantan | 54.4 | 48.7 - 60.0 | 279 |
| South Kalimantan | 56.7 | 51.5 - 61.7 | 376 |
| East Kalimantan | 57.2 | 50.4 - 63.7 | 336 |
| North Kalimantan | 63.0 | 55.4 - 69.9 | 68 |
| North Sulawesi | 42.7 | 36.8 - 48.9 | 223 |
| Central Sulawesi | 39.8 | 34.8 - 45.1 | 307 |
| South Sulawesi | 49.0 | 45.3 - 52.8 | 847 |
| Southeast Sulawesi | 41.9 | 37.9 - 46.0 | 282 |
| Gorontalo | 37.6 | 31.1 - 44.7 | 121 |
| West Sulawesi | 57.6 | 51.1 - 63.8 | 159 |
| Maluku | 48.1 | 42.4 - 53.8 | 189 |
| North Maluku | 50.9 | 45.3 - 56.6 | 125 |
| Papua | 44.0 | 35.5 - 52.9 | 75 |
| South Papua | 33.4 | 26.8 - 40.7 | 69 |
| Central Papua | 41.1 | 33.5 - 49.1 | 126 |
| Highland Papua | 56.8 | 45.8 - 67.2 | 74 |
| West Papua | 35.9 | 24.8 - 48.7 | 114 |
| Southwest Papua | 41.3 | 31.0 - 52.4 | 89 |
| INDONESIA | 55.5 | 54.4 - 56.5 | 23,594 |

Table 14.63 Proportion of Exclusive Breastfeeding for 6 Months (Age 6-23 Months) by Characteristic, 2023 SKI

| Characteristic | Exclusive Breastfeeding for 6 Months | | Weighted N |
|--|--------------------------------------|-------------|------------|
| | % | 95% CI | |
| Age Range | | | |
| 6 – 11 months | 53.1 | 51.3 - 54.9 | 7,365 |
| 12 – 23 months | 56.5 | 55.3 - 57.8 | 16,229 |
| Sex | | | |
| Male | 54.6 | 53.2 - 56.0 | 12,128 |
| Female | 56.4 | 54.9 - 57.9 | 11,466 |
| HoH Education | | | |
| Never attended school | 42.5 | 36.9 - 48.2 | 493 |
| Some primary school/Islamic primary school | 48.1 | 43.2 - 53.1 | 791 |
| Primary school/Islamic primary school graduate | 54.3 | 51.6 - 56.8 | 4,047 |
| Junior secondary school/Islamic junior secondary school graduate | 54.6 | 52.2 - 56.9 | 4,664 |
| Senior secondary school/Islamic senior secondary school graduate | 55.7 | 54.2 - 57.3 | 9,801 |
| D1/D2/D3/university graduate | 60.5 | 58.1 - 62.9 | 3,797 |
| Mother's Education | | | |
| Never attended school | 43.7 | 37.1 - 50.5 | 399 |
| Some primary school/Islamic primary school | 52.6 | 47.2 - 57.9 | 742 |
| Primary school/Islamic primary school graduate | 55.3 | 52.5 - 58.1 | 3,512 |
| Junior secondary school/Islamic junior secondary school graduate | 55.4 | 53.0 - 57.7 | 4,992 |
| Senior secondary school/Islamic senior secondary school graduate | 56.0 | 54.3 - 57.6 | 8,594 |
| D1/D2/D3/university graduate | 59.5 | 57.2 - 61.8 | 3,999 |
| HoH Occupation | | | |
| Unemployed | 48.7 | 42.8 - 54.6 | 601 |
| Student | 72.0 | 53.9 - 85.0 | 70 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 56.4 | 52.4 - 60.4 | 1,426 |
| Private employee | 55.7 | 53.3 - 58.1 | 5,191 |
| Self-employed | 57.8 | 55.9 - 59.6 | 6,868 |
| Farmer/farm worker | 53.0 | 51.0 - 54.9 | 4,496 |
| Fisher | 50.9 | 45.1 - 56.7 | 524 |
| Labor/driver/domestic help | 55.5 | 52.4 - 58.6 | 3,418 |
| Others | 53.5 | 48.9 - 58.0 | 998 |
| Mother's Employment Status | | | |
| Employed | 55.1 | 53.5 - 56.8 | 8,178 |
| Unemployed | 56.6 | 55.2 - 58.0 | 14,060 |
| Residence | | | |
| Urban | 55.3 | 53.9 - 56.7 | 13,540 |
| Rural | 55.7 | 54.2 - 57.2 | 10,054 |
| Economic Status | | | |
| Lowest | 53.3 | 50.8 - 55.8 | 2,824 |
| Lower middle | 54.8 | 52.4 - 57.3 | 3,936 |
| Middle | 54.8 | 52.6 - 57.0 | 5,019 |
| Upper middle | 55.6 | 53.4 - 57.7 | 5,732 |
| Highest | 57.4 | 55.2 - 59.5 | 6,081 |

Proportion of Exclusive Breastfeeding for 0-5 Months

Definition: **Exclusive breastfeeding** for 0-5 months refers to infants aged 0-5 months who receive only breast milk and no other foods or drinks, including water (except for medications, vitamins, or mineral drops) in the last 24 hours.

$$\text{Proportion of infants receiving exclusive breastfeeding} = \frac{\text{Number of infants aged 0-5 months who receive only breast milk and no other foods or drinks, including water (except for medications, vitamins, or mineral drops) in the last 24 hours}}{\text{Total number of infants aged 0-5 months}}$$

Table 14.64 Proportion of Exclusive Breastfeeding for 0-5 Months by Province, 2023 SKI

| Province | Given Only Breast Milk in the Last 24 Hours | | Weighted N |
|--------------------|---|--------------------|--------------|
| | % | 95% CI | |
| Aceh | 72.9 | 66.0 - 79.0 | 123 |
| North Sumatra | 61.8 | 53.6 - 69.5 | 385 |
| West Sumatra | 74.1 | 66.7 - 80.4 | 142 |
| Riau | 71.4 | 64.0 - 77.9 | 179 |
| Jambi | 81.3 | 72.3 - 87.9 | 83 |
| South Sumatra | 69.1 | 60.7 - 76.4 | 206 |
| Bengkulu | 73.8 | 60.8 - 83.7 | 48* |
| Lampung | 67.6 | 56.3 - 77.2 | 213 |
| Bangka Belitung | 66.6 | 52.9 - 78.0 | 26* |
| Riau Islands | 59.0 | 43.9 - 72.5 | 59 |
| DKI Jakarta | 77.1 | 64.7 - 86.0 | 209 |
| West Java | 65.3 | 59.4 - 70.9 | 1,179 |
| Central Java | 75.6 | 71.2 - 79.6 | 909 |
| DI Yogyakarta | 72.8 | 57.8 - 84.0 | 74 |
| East Java | 64.9 | 59.1 - 70.3 | 955 |
| Banten | 66.4 | 53.4 - 77.3 | 273 |
| Bali | 65.7 | 56.2 - 74.0 | 99 |
| West Nusa Tenggara | 87.9 | 82.7 - 91.7 | 170 |
| East Nusa Tenggara | 79.7 | 74.8 - 83.8 | 198 |
| West Kalimantan | 74.3 | 64.1 - 82.4 | 121 |
| Central Kalimantan | 79.0 | 69.9 - 85.9 | 66 |
| South Kalimantan | 67.1 | 56.4 - 76.2 | 109 |
| East Kalimantan | 64.3 | 52.9 - 74.3 | 89 |
| North Kalimantan | 74.2 | 62.8 - 83.1 | 21* |
| North Sulawesi | 52.0 | 41.7 - 62.2 | 64 |
| Central Sulawesi | 62.1 | 53.6 - 69.9 | 98 |
| South Sulawesi | 59.9 | 53.4 - 66.1 | 257 |
| Southeast Sulawesi | 57.8 | 49.9 - 65.2 | 85 |
| Gorontalo | 47.4 | 34.3 - 60.9 | 31* |
| West Sulawesi | 68.6 | 55.8 - 79.1 | 51 |
| Maluku | 63.8 | 55.0 - 71.8 | 58 |
| North Maluku | 67.4 | 55.7 - 77.2 | 36* |
| Papua | 74.2 | 62.9 - 82.9 | 13* |
| South Papua | 47.7 | 35.7 - 60.1 | 21* |
| Central Papua | 67.6 | 52.6 - 79.6 | 31* |
| Highland Papua | 64.9 | 47.5 - 79.1 | 18* |
| West Papua | 66.6 | 48.4 - 81.0 | 20* |
| Southwest Papua | 74.1 | 56.0 - 86.6 | 19* |
| INDONESIA | 68.6 | 66.8 - 70.4 | 6,739 |

*Weighted N < 50

Table 14.65 Proportion of Exclusive Breastfeeding for 0-5 Month Olds by Age Group, 2023 SKI

| Characteristic | Given Only Breast Milk in the Last 24 Hours | | Weighted N |
|------------------|---|-------------|------------|
| | % | 95% CI | |
| Age Range | | | |
| 0 months | 75,5 | 70,6 – 79,9 | 916 |
| 1 months | 70,4 | 66,2 – 74,4 | 1.153 |
| 2 months | 71,7 | 67,3 – 75,8 | 957 |
| 3 months | 69,6 | 65,3 – 73,5 | 1.200 |
| 4 months | 67,4 | 63,3 – 71,3 | 1.282 |
| 5 months | 59,8 | 55,2 – 64,1 | 1.231 |
| 0-5 months | 68,6 | 66,8 – 70,4 | 6.739 |
| Sex | | | |
| Male | 67,8 | 65,2 – 70,2 | 3.414 |
| Female | 69,5 | 66,9 – 72,0 | 3.325 |
| Residence | | | |
| Urban | 65,3 | 62,8 – 67,8 | 3.784 |
| Rural | 72,9 | 70,4 – 75,2 | 2.955 |

COLOSTRUM

The **definition of colostrum** is the first breast milk that is produced (usually from the first day up to the seventh day) with a yellowish color, more yellow than mature milk (breast milk produced after the tenth day post-delivery). Colostrum is also known as the "golden liquid" which can be yellow (or clear) and is highly beneficial for the baby, especially for its immune system.

The proportion of maternal behavior regarding colostrum for children is calculated using the following formula:

Proportion of maternal behavior regarding colostrum for children aged 0-23 months =

$$\frac{\text{Number of children aged 0-23 months based on maternal behavior regarding colostrum}}{\text{Total number of children aged 0-23 months}}$$

The proportion of children aged 0-23 months based on the reason for not being given colostrum is calculated using the formula:

Proportion of children aged 0-23 months based on the reason for not being given colostrum =

$$\frac{\text{Number of children aged 0-23 months based on the reason for not being given colostrum}}{\text{Total number of children aged 0-23 months*}}$$

*Denominator does not include instances where breast milk has not yet come in or where the mother forgot.

Table 14.66 Proportion of Maternal Behavior Regarding Colostrum for Children Aged 0-23 Months by Province, 2023 SKI

| Province | Maternal Behavior Regarding Colostrum (%) | | | | | | |
|--------------------|---|--------------------|---------------------|------------------|----------------------|------------------|---------------|
| | Given all | | Partially discarded | | Completely discarded | | Weighted N |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 75,3 | 71,9 - 78,3 | 5,9 | 4,4 - 8,0 | 2,2 | 1,4 - 3,4 | 637 |
| North Sumatra | 68,5 | 65,1 - 71,8 | 6,7 | 5,2 - 8,6 | 2,7 | 1,8 - 3,9 | 1,907 |
| West Sumatra | 87,5 | 84,8 - 89,8 | 1,0 | 0,6 - 1,8 | 0,9 | 0,4 - 1,7 | 670 |
| Riau | 81,6 | 77,9 - 84,8 | 2,1 | 1,2 - 3,6 | 1,3 | 0,7 - 2,4 | 815 |
| Jambi | 82,0 | 77,4 - 85,8 | 5,9 | 4,0 - 8,8 | 1,4 | 0,5 - 3,8 | 384 |
| South Sumatra | 84,2 | 80,8 - 87,1 | 2,8 | 1,9 - 4,2 | 1,5 | 0,9 - 2,7 | 976 |
| Bengkulu | 79,9 | 74,5 - 84,3 | 4,7 | 2,6 - 8,3 | 1,8 | 0,9 - 3,5 | 229 |
| Lampung | 84,3 | 80,8 - 87,3 | 2,4 | 1,5 - 3,9 | 2,0 | 1,1 - 3,8 | 1,032 |
| Bangka Belitung | 83,5 | 77,7 - 88,1 | 2,4 | 1,1 - 5,1 | 1,9 | 0,8 - 4,5 | 151 |
| Riau Islands | 75,8 | 67,7 - 82,3 | 5,0 | 2,7 - 9,2 | 5,4 | 2,5 - 11,0 | 249 |
| DKI Jakarta | 89,0 | 84,2 - 92,4 | 1,5 | 0,6 - 3,8 | 1,8 | 0,6 - 5,1 | 1,080 |
| West Java | 83,9 | 81,7 - 85,8 | 4,0 | 3,0 - 5,2 | 2,3 | 1,6 - 3,3 | 5,425 |
| Central Java | 90,2 | 88,4 - 91,7 | 2,7 | 2,0 - 3,7 | 1,3 | 0,8 - 1,9 | 3,883 |
| DI Yogyakarta | 92,9 | 88,3 - 95,7 | 1,2 | 0,3 - 4,0 | 0,2 | 0,0 - 1,6 | 308 |
| East Java | 87,5 | 85,3 - 89,4 | 2,2 | 1,5 - 3,2 | 1,7 | 1,1 - 2,8 | 3,803 |
| Banten | 80,0 | 75,0 - 84,3 | 2,5 | 1,3 - 4,8 | 4,0 | 2,2 - 7,1 | 1,298 |
| Bali | 91,5 | 88,2 - 93,9 | 2,4 | 1,3 - 4,2 | 0,5 | 0,2 - 1,4 | 450 |
| West Nusa Tenggara | 89,0 | 85,9 - 91,5 | 1,1 | 0,5 - 2,3 | 2,5 | 1,5 - 4,0 | 715 |
| East Nusa Tenggara | 84,0 | 81,8 - 86,0 | 2,6 | 1,9 - 3,6 | 2,3 | 1,6 - 3,3 | 807 |
| West Kalimantan | 76,9 | 72,4 - 80,9 | 4,3 | 2,9 - 6,4 | 2,3 | 1,4 - 3,8 | 565 |
| Central Kalimantan | 77,3 | 72,5 - 81,5 | 3,9 | 2,2 - 6,7 | 3,3 | 1,9 - 5,8 | 345 |
| South Kalimantan | 80,2 | 76,3 - 83,5 | 2,3 | 1,4 - 3,9 | 2,2 | 1,1 - 4,4 | 485 |
| East Kalimantan | 85,2 | 80,0 - 89,1 | 1,9 | 1,1 - 3,3 | 3,1 | 1,5 - 6,2 | 425 |
| North Kalimantan | 91,9 | 87,6 - 94,7 | 2,8 | 1,3 - 6,1 | 0,7 | 0,2 - 2,2 | 89 |
| North Sulawesi | 70,5 | 65,5 - 75,1 | 4,4 | 2,8 - 6,7 | 2,3 | 0,9 - 5,5 | 287 |
| Central Sulawesi | 75,0 | 71,1 - 78,5 | 3,0 | 1,9 - 4,6 | 3,2 | 2,2 - 4,7 | 406 |
| South Sulawesi | 80,1 | 77,2 - 82,6 | 3,7 | 2,6 - 5,3 | 1,8 | 1,1 - 2,9 | 1,104 |
| Southeast Sulawesi | 76,9 | 73,5 - 80,0 | 2,1 | 1,4 - 3,1 | 1,8 | 1,0 - 3,1 | 367 |
| Gorontalo | 78,6 | 72,5 - 83,7 | 1,7 | 0,6 - 4,2 | 3,0 | 1,0 - 8,8 | 152 |
| West Sulawesi | 85,9 | 81,6 - 89,4 | 1,5 | 0,6 - 3,6 | 2,2 | 1,2 - 4,2 | 210 |
| Maluku | 72,0 | 67,4 - 76,2 | 4,3 | 2,7 - 6,7 | 4,2 | 2,6 - 6,9 | 247 |
| North Maluku | 68,8 | 63,4 - 73,8 | 6,6 | 4,3 - 10,0 | 1,8 | 0,9 - 3,6 | 161 |
| Papua | 62,0 | 54,7 - 68,8 | 5,7 | 2,6 - 11,7 | 0,5 | 0,2 - 1,4 | 88 |
| South Papua | 76,0 | 69,6 - 81,4 | 1,7 | 0,8 - 3,6 | 3,6 | 2,2 - 5,8 | 91 |
| Central Papua | 72,2 | 66,0 - 77,6 | 6,6 | 4,0 - 10,7 | 3,1 | 1,6 - 6,2 | 157 |
| Highland Papua | 68,7 | 61,2 - 75,4 | 5,4 | 3,0 - 9,8 | 2,3 | 1,1 - 4,9 | 92 |
| West Papua | 71,5 | 63,6 - 78,3 | 6,1 | 3,3 - 11,2 | 3,2 | 1,0 - 9,4 | 134 |
| Southwest Papua | 52,8 | 44,4 - 61,1 | 10,9 | 5,7 - 20,0 | 7,5 | 2,8 - 18,4 | 109 |
| INDONESIA | 83,0 | 82,3 - 83,7 | 3,3 | 3,0 - 3,6 | 2,1 | 1,8 - 2,4 | 30,333 |

Table 14.67 Proportion of Maternal Behavior Regarding Colostrum for Children Aged 0-23 Months by Characteristic, 2023 SKI

| Characteristic | Maternal Behavior Regarding Colostrum (%) | | | | | | Weighted N |
|--|---|-------------|---------------------|------------|----------------------|-----------|------------|
| | Given all | | Partially discarded | | Completely discarded | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range | | | | | | | |
| 0 – 5 months | 85.4 | 84.0 - 86.7 | 2.9 | 2.3 - 3.6 | 1.7 | 1.3 - 2.3 | 6,698 |
| 6 – 11 months | 82.5 | 81.1 - 83.8 | 3.7 | 3.1 - 4.4 | 2.5 | 1.9 - 3.2 | 7,378 |
| 12 – 23 months | 82.3 | 81.3 - 83.2 | 3.2 | 2.8 - 3.6 | 2.0 | 1.7 - 2.4 | 16,257 |
| Sex | | | | | | | |
| Male | 83.4 | 82.5 - 84.3 | 3.1 | 2.7 - 3.6 | 2.0 | 1.7 - 2.4 | 15,542 |
| Female | 82.6 | 81.6 - 83.5 | 3.4 | 3.0 - 3.9 | 2.2 | 1.8 - 2.6 | 14,791 |
| HoH Education | | | | | | | |
| Never attended school | 73.1 | 68.3 - 77.5 | 6.5 | 4.4 - 9.7 | 2.8 | 1.6 - 4.8 | 643 |
| Some primary school/Islamic primary school | 80.0 | 76.0 - 83.5 | 4.7 | 3.1 - 7.1 | 1.3 | 0.8 - 2.0 | 1,032 |
| Primary school/Islamic primary school graduate | 80.6 | 78.7 - 82.3 | 4.1 | 3.3 - 5.2 | 2.4 | 1.9 - 3.1 | 5,251 |
| Junior secondary school/Islamic junior secondary school graduate | 82.1 | 80.5 - 83.7 | 3.3 | 2.7 - 4.1 | 2.4 | 1.9 - 3.2 | 5,938 |
| Senior secondary school/Islamic senior secondary school graduate | 84.1 | 83.1 - 85.0 | 2.9 | 2.5 - 3.4 | 2.2 | 1.8 - 2.7 | 12,691 |
| D1/D2/D3/university graduate | 86.0 | 84.5 - 87.4 | 2.3 | 1.9 - 2.9 | 1.1 | 0.8 - 1.6 | 4,778 |
| Mother's Education | | | | | | | |
| Never attended school | 68.9 | 63.2 - 74.1 | 6.2 | 4.1 - 9.3 | 3.6 | 2.2 - 5.8 | 489 |
| Some primary school/Islamic primary school | 82.7 | 79.5 - 85.6 | 3.1 | 2.1 - 4.5 | 2.6 | 1.6 - 4.1 | 983 |
| Primary school/Islamic primary school graduate | 82.2 | 80.2 - 83.9 | 4.7 | 3.7 - 5.9 | 2.5 | 1.8 - 3.3 | 4,409 |
| Junior secondary school/Islamic junior secondary school graduate | 83.5 | 81.9 - 85.0 | 2.9 | 2.4 - 3.5 | 2.3 | 1.7 - 3.1 | 6,412 |
| Senior secondary school/Islamic senior secondary school graduate | 83.6 | 82.5 - 84.7 | 3.1 | 2.6 - 3.6 | 2.2 | 1.8 - 2.8 | 11,175 |
| D1/D2/D3/university graduate | 87.0 | 85.7 - 88.3 | 2.5 | 2.1 - 3.1 | 0.9 | 0.6 - 1.4 | 5,132 |
| HoH Occupation | | | | | | | |
| Unemployed | 78.5 | 73.9 - 82.5 | 3.5 | 1.9 - 6.6 | 3.8 | 2.0 - 7.1 | 769 |
| Student | 82.1 | 64.0 - 92.2 | 8.4 | 1.7 - 32.8 | | | 79 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 84.1 | 81.4 - 86.5 | 3.6 | 2.5 - 5.1 | 0.8 | 0.5 - 1.4 | 1,798 |
| Private employee | 85.3 | 83.8 - 86.7 | 2.3 | 1.8 - 3.0 | 2.3 | 1.7 - 3.1 | 6,613 |
| Self-employed | 83.7 | 82.5 - 84.9 | 3.3 | 2.7 - 3.9 | 1.9 | 1.5 - 2.5 | 8,894 |
| Farmer/farm worker | 80.7 | 79.3 - 81.9 | 4.3 | 3.7 - 5.2 | 2.4 | 1.9 - 2.9 | 5,835 |
| Fisher | 75.2 | 70.8 - 79.2 | 4.5 | 3.0 - 6.6 | 2.1 | 1.3 - 3.4 | 663 |
| Labor/driver/domestic help | 82.4 | 80.2 - 84.3 | 3.0 | 2.2 - 4.1 | 2.1 | 1.5 - 2.9 | 4,378 |
| Others | 84.5 | 81.5 - 87.1 | 2.5 | 1.8 - 3.6 | 1.9 | 1.2 - 3.1 | 1,305 |
| Mother's Employment Status | | | | | | | |
| Employed | 83.2 | 82.1 - 84.3 | 3.3 | 2.9 - 3.8 | 1.8 | 1.4 - 2.2 | 10,396 |
| Unemployed | 84.0 | 83.1 - 84.8 | 3.2 | 2.8 - 3.6 | 2.3 | 1.9 - 2.7 | 18,204 |
| Residence | | | | | | | |
| Urban | 84.1 | 83.2 - 85.0 | 2.9 | 2.6 - 3.4 | 2.2 | 1.8 - 2.6 | 17,324 |
| Rural | 81.6 | 80.6 - 82.6 | 3.7 | 3.2 - 4.2 | 2.0 | 1.7 - 2.3 | 13,009 |
| Economic Status | | | | | | | |
| Lowest | 78.6 | 76.9 - 80.3 | 4.6 | 3.8 - 5.6 | 2.9 | 2.4 - 3.6 | 3,605 |
| Lower middle | 81.6 | 80.0 - 83.2 | 3.7 | 3.0 - 4.5 | 2.0 | 1.5 - 2.5 | 5,068 |
| Middle | 82.9 | 81.3 - 84.3 | 2.8 | 2.3 - 3.5 | 2.6 | 2.0 - 3.4 | 6,468 |
| Upper middle | 83.6 | 82.2 - 84.9 | 3.2 | 2.6 - 4.0 | 2.0 | 1.5 - 2.6 | 7,438 |
| Highest | 85.5 | 84.2 - 86.8 | 2.7 | 2.2 - 3.4 | 1.5 | 1.1 - 2.1 | 7,751 |

Table 14.68 Proportion of Reasons Mothers Provide Colostrum to Children Aged 0-23 Months by Province, 2023 SKI

| Province | Habit | | Told to Do so | | No Idea | | Others | | Weighted N |
|--------------------|-------------|--------------------|---------------|--------------------|------------|------------------|------------|------------------|---------------|
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 29.8 | 26.5 - 33.3 | 63.3 | 59.4 - 66.9 | 6.4 | 4.6 - 8.7 | 0.6 | 0.3 - 1.4 | 519 |
| North Sumatra | 24.1 | 20.9 - 27.7 | 68.6 | 64.7 - 72.3 | 5.5 | 4.1 - 7.2 | 1.8 | 0.9 - 3.4 | 1,451 |
| West Sumatra | 34.5 | 30.6 - 38.5 | 63.0 | 59.0 - 66.8 | 2.2 | 1.4 - 3.3 | 0.4 | 0.1 - 2.3 | 585 |
| Riau | 24.7 | 21.1 - 28.7 | 72.0 | 67.8 - 75.8 | 2.5 | 1.3 - 4.9 | 0.8 | 0.3 - 2.3 | 677 |
| Jambi | 21.5 | 17.2 - 26.5 | 74.0 | 68.9 - 78.6 | 4.5 | 2.6 - 7.5 | 0.0 | 0.0 - 0.2 | 335 |
| South Sumatra | 25.7 | 22.0 - 29.7 | 71.7 | 67.5 - 75.5 | 2.5 | 1.6 - 3.8 | 0.2 | 0.0 - 1.5 | 844 |
| Bengkulu | 23.1 | 18.3 - 28.8 | 71.6 | 65.6 - 76.9 | 4.7 | 2.9 - 7.5 | 0.6 | 0.2 - 1.9 | 193 |
| Lampung | 21.3 | 17.4 - 25.7 | 73.9 | 69.1 - 78.3 | 3.9 | 2.5 - 6.1 | 0.9 | 0.3 - 2.6 | 894 |
| Bangka Belitung | 24.4 | 19.0 - 30.8 | 71.2 | 64.8 - 77.0 | 3.3 | 1.6 - 6.7 | 1.0 | 0.4 - 2.9 | 130 |
| Riau Islands | 36.6 | 28.2 - 45.9 | 57.0 | 47.6 - 66.0 | 5.3 | 2.6 - 10.3 | 1.1 | 0.2 - 5.9 | 209 |
| DKI Jakarta | 24.2 | 19.0 - 30.3 | 73.5 | 67.4 - 78.8 | 2.1 | 1.0 - 4.7 | 0.1 | 0.0 - 0.9 | 973 |
| West Java | 28.2 | 25.3 - 31.2 | 67.5 | 64.4 - 70.4 | 2.7 | 2.0 - 3.8 | 1.6 | 1.0 - 2.6 | 4,773 |
| Central Java | 25.5 | 23.0 - 28.1 | 70.2 | 67.4 - 72.8 | 3.3 | 2.4 - 4.5 | 1.0 | 0.6 - 1.9 | 3,571 |
| DI Yogyakarta | 16.1 | 11.0 - 22.9 | 81.3 | 74.2 - 86.8 | 2.6 | 1.1 - 6.2 | 0 | 0 | 284 |
| East Java | 20.4 | 18.0 - 22.9 | 75.9 | 73.2 - 78.5 | 2.8 | 1.9 - 4.2 | 0.9 | 0.5 - 1.6 | 3,396 |
| Banten | 29.6 | 24.7 - 34.9 | 63.9 | 58.3 - 69.0 | 6.2 | 3.9 - 9.7 | 0.4 | 0.1 - 1.5 | 1,096 |
| Bali | 32.2 | 27.0 - 38.0 | 65.0 | 59.2 - 70.4 | 2.5 | 1.3 - 4.9 | 0.3 | 0.1 - 1.1 | 414 |
| West Nusa Tenggara | 28.2 | 22.8 - 34.4 | 64.8 | 58.5 - 70.6 | 6.5 | 3.5 - 11.6 | 0.5 | 0.2 - 1.1 | 647 |
| East Nusa Tenggara | 31.9 | 28.9 - 35.0 | 64.3 | 61.0 - 67.5 | 2.8 | 2.0 - 3.7 | 1.1 | 0.5 - 2.4 | 701 |
| West Kalimantan | 35.5 | 30.5 - 40.9 | 58.9 | 53.6 - 63.9 | 5.4 | 3.7 - 7.9 | 0.2 | 0.0 - 1.1 | 461 |
| Central Kalimantan | 21.2 | 16.9 - 26.2 | 73.6 | 68.3 - 78.3 | 4.9 | 3.1 - 7.8 | 0.3 | 0.1 - 1.3 | 285 |
| South Kalimantan | 18.9 | 15.2 - 23.2 | 75.7 | 71.1 - 79.9 | 4.2 | 2.8 - 6.4 | 1.1 | 0.5 - 2.5 | 401 |
| East Kalimantan | 23.4 | 19.6 - 27.8 | 71.2 | 66.5 - 75.5 | 2.5 | 1.3 - 4.8 | 2.8 | 1.2 - 6.5 | 374 |
| North Kalimantan | 26.9 | 20.2 - 34.9 | 67.5 | 59.5 - 74.6 | 5.2 | 2.7 - 10 | 0.4 | 0.1 - 2.0 | 83 |
| North Sulawesi | 23.1 | 18.1 - 29.0 | 72.0 | 66.0 - 77.3 | 4.4 | 2.6 - 7.4 | 0.5 | 0.1 - 2.3 | 216 |
| Central Sulawesi | 21.8 | 17.5 - 26.9 | 73.6 | 68.5 - 78.1 | 3.6 | 2.5 - 5.4 | 1.0 | 0.4 - 2.2 | 322 |
| South Sulawesi | 30.2 | 27.0 - 33.7 | 62.8 | 59.1 - 66.3 | 5.9 | 4.4 - 7.8 | 1.1 | 0.6 - 2.1 | 923 |
| Southeast Sulawesi | 32.2 | 28.7 - 35.9 | 61.5 | 57.6 - 65.2 | 5.8 | 4.3 - 7.7 | 0.5 | 0.2 - 1.2 | 289 |
| Gorontalo | 23.4 | 18.1 - 29.7 | 70.3 | 63.4 - 76.4 | 3.5 | 1.6 - 7.3 | 2.8 | 0.7 - 10.7 | 124 |
| West Sulawesi | 28.3 | 22.8 - 34.6 | 65.3 | 58.7 - 71.3 | 5.7 | 3.2 - 10.0 | 0.7 | 0.1 - 3.0 | 184 |
| Maluku | 33.6 | 28.5 - 39.2 | 57.6 | 51.8 - 63.2 | 8.3 | 5.8 - 11.7 | 0.4 | 0.1 - 1.4 | 194 |
| North Maluku | 29.2 | 23.9 - 35.1 | 63.6 | 57.4 - 69.3 | 7.2 | 4.5 - 11.3 | 0 | 0 | 122 |
| Papua | 24.3 | 16.6 - 34.2 | 70.9 | 61.3 - 79.0 | 4.6 | 2.7 - 7.9 | 0.1 | 0.0 - 0.7 | 58 |
| South Papua | 27.3 | 21.4 - 34.2 | 65.4 | 58.7 - 71.5 | 6.5 | 4.2 - 9.8 | 0.8 | 0.3 - 2.2 | 72 |
| Central Papua | 32.8 | 26.4 - 39.9 | 58.0 | 49.9 - 65.7 | 6.8 | 3.8 - 11.9 | 2.3 | 1.1 - 5.0 | 126 |
| Highland Papua | 39.2 | 30.7 - 48.5 | 56.3 | 47.8 - 64.4 | 4.5 | 2.2 - 8.8 | 0 | 0 | 68 |
| West Papua | 51.9 | 41.5 - 62.1 | 37.7 | 28.7 - 47.7 | 10.4 | 5.8 - 17.8 | 0 | 0 | 106 |
| Southwest Papua | 32.5 | 23.1 - 43.6 | 45.1 | 36.6 - 53.9 | 20.6 | 11.4 - 34.3 | 1.8 | 0.4 - 7.8 | 76 |
| INDONESIA | 26.2 | 25.3 - 27.1 | 69.0 | 68.1 - 69.9 | 3.8 | 3.5 - 4.2 | 1.0 | 0.8 - 1.2 | 26,177 |

Table 14.69 Proportion of Reasons Mothers Gave Colostrum to Children Aged 0-23 Months by Characteristic, 2023 SKI

| Characteristic | Reasons mothers gave colostrum (%) | | | | | | | | Weighted N | |
|--|------------------------------------|-------------|---------------|-------------|---------|------------|--------|-----------|------------|--|
| | Habit | | Told to Do so | | No Idea | | Others | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Age Range | | | | | | | | | | |
| 0 – 5 months | 25.2 | 23.5 – 27.0 | 70.2 | 68.3 - 72.0 | 3.5 | 2.9 - 4.3 | 1.1 | 0.7 - 1.5 | 5,891 | |
| 6 – 11 months | 26.5 | 24.7 – 28.3 | 68.3 | 66.5 - 70.1 | 4.0 | 3.4 - 4.8 | 1.2 | 0.8 - 1.8 | 6,391 | |
| 12 – 23 months | 26.5 | 25.4 – 27.7 | 68.8 | 67.6 - 70.0 | 3.8 | 3.4 - 4.4 | 0.8 | 0.6 - 1.1 | 13,895 | |
| Sex | | | | | | | | | | |
| Male | 26.7 | 25.5 – 27.9 | 68.7 | 67.4 - 69.9 | 3.6 | 3.1 - 4.1 | 1.1 | 0.8 - 1.4 | 13,445 | |
| Female | 25.7 | 24.5 – 27.0 | 69.4 | 68.0 - 70.6 | 4.0 | 3.6 - 4.6 | 0.9 | 0.6 - 1.2 | 12,732 | |
| HoH Education | | | | | | | | | | |
| Never attended school | 28.5 | 24.0 – 33.6 | 62.3 | 56.9 - 67.4 | 8.2 | 5.6 - 12 | 0.9 | 0.4 - 2.3 | 518 | |
| Some primary school/Islamic primary school | 25.6 | 21.9 – 29.7 | 69.3 | 65.0 - 73.3 | 4.6 | 3.2 - 6.6 | 0.4 | 0.2 - 0.9 | 867 | |
| Primary school/Islamic primary school graduate | 26.2 | 24.1 – 28.4 | 68.1 | 65.8 - 70.4 | 4.8 | 3.9 - 5.8 | 0.8 | 0.5 - 1.4 | 4,470 | |
| Junior secondary school/Islamic junior secondary school graduate | 24.4 | 22.5 – 26.3 | 69.5 | 67.4 - 71.5 | 5.0 | 4.1 - 6.1 | 1.1 | 0.7 - 1.8 | 5,096 | |
| Senior secondary school/Islamic senior secondary school graduate | 26.3 | 25.0 – 27.7 | 69.3 | 67.9 - 70.7 | 3.3 | 2.8 - 3.9 | 1.1 | 0.8 - 1.5 | 11,052 | |
| D1/D2/D3/university graduate | 28.0 | 25.9 – 30.1 | 69.4 | 67.2 - 71.5 | 1.9 | 1.5 - 2.4 | 0.8 | 0.5 - 1.3 | 4,175 | |
| Mother's Education | | | | | | | | | | |
| Never attended school | 32.6 | 26.9 – 39.0 | 57.3 | 50.8 - 63.5 | 9.2 | 6.4 - 13.1 | 0.9 | 0.2 - 3 | 377 | |
| Some primary school/Islamic primary school | 24.2 | 20.4 – 28.6 | 70.1 | 65.5 - 74.4 | 5.1 | 3.5 - 7.5 | 0.5 | 0.2 - 1.1 | 850 | |
| Primary school/Islamic primary school graduate | 28.0 | 25.7 – 30.5 | 66.5 | 64.0 - 68.9 | 4.9 | 3.8 - 6.1 | 0.6 | 0.3 - 1.2 | 3,853 | |
| Junior secondary school/Islamic junior secondary school graduate | 25.3 | 23.4 – 27.4 | 69.5 | 67.4 - 71.6 | 4.2 | 3.5 - 5.1 | 0.9 | 0.6 - 1.3 | 5,564 | |
| Senior secondary school/Islamic senior secondary school graduate | 25.3 | 24.0 – 26.8 | 69.9 | 68.3 - 71.3 | 3.6 | 3.1 - 4.2 | 1.2 | 0.8 - 1.6 | 9,719 | |
| D1/D2/D3/university graduate | 28.1 | 26.3 – 30.1 | 69.4 | 67.4 - 71.3 | 1.6 | 1.3 - 2.1 | 0.9 | 0.5 - 1.5 | 4,543 | |
| HoH Occupation | | | | | | | | | | |
| Unemployed | 28.1 | 23.0 – 33.8 | 65.6 | 59.4 - 71.3 | 4.7 | 2.4 - 8.9 | 1.6 | 0.6 - 4.1 | 644 | |
| Student | 30.4 | 14.9 – 52.3 | 68.0 | 46.6 - 83.8 | 0.5 | 0.1 - 3.5 | 1.0 | 0.1 - 7.0 | 70 | |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 28.5 | 25.4 – 31.9 | 68.2 | 64.8 - 71.5 | 2.4 | 1.6 - 3.4 | 0.9 | 0.4 - 1.9 | 1,554 | |
| Private employee | 25.7 | 23.8 – 27.8 | 70.0 | 67.9 - 72.1 | 3.2 | 2.5 - 4.1 | 1.0 | 0.7 - 1.6 | 5,806 | |
| Self-employed | 26.7 | 25.1 – 28.3 | 68.8 | 67.1 - 70.4 | 3.6 | 3 - 4.3 | 1.0 | 0.7 - 1.5 | 7,722 | |
| Farmer/farm worker | 24.7 | 23.2 – 26.3 | 69.6 | 67.9 - 71.3 | 4.9 | 4.2 - 5.8 | 0.7 | 0.5 - 1.1 | 4,978 | |
| Fisher | 26.5 | 22.2 – 31.4 | 66.6 | 61.5 - 71.4 | 6.3 | 4.6 - 8.6 | 0.6 | 0.3 - 1.3 | 530 | |
| Labor/driver/domestic help | 26.4 | 23.9 – 29.1 | 68.7 | 65.9 - 71.3 | 4.0 | 3.1 - 5.2 | 0.9 | 0.5 - 1.7 | 3,739 | |
| Others | 26.9 | 23.4 – 30.8 | 67.8 | 63.8 - 71.5 | 3.6 | 2.6 - 5 | 1.7 | 0.6 - 4.4 | 1,134 | |
| Mother's Employment Status | | | | | | | | | | |
| Employed | 26.4 | 25.1 – 27.8 | 69.1 | 67.6 - 70.5 | 3.5 | 3 - 4.1 | 0.9 | 0.6 - 1.4 | 8,982 | |
| Unemployed | 26.3 | 25.1 – 27.5 | 69.0 | 67.7 - 70.2 | 3.8 | 3.4 - 4.3 | 0.9 | 0.7 - 1.2 | 15,922 | |
| Residence | | | | | | | | | | |
| Urban | 26.8 | 25.6 – 28.0 | 68.8 | 67.6 - 70.1 | 3.2 | 2.8 - 3.7 | 1.2 | 0.9 - 1.5 | 15,088 | |
| Rural | 25.5 | 25.1 – 27.5 | 69.2 | 67.8 - 70.6 | 4.6 | 4.1 - 5.2 | 0.7 | 0.5 - 1.0 | 11,089 | |
| Economic Status | | | | | | | | | | |
| Lowest | 28.1 | 26.1 – 30.2 | 64.9 | 62.7 - 67.1 | 6.0 | 5 - 7.2 | 0.9 | 0.6 - 1.4 | 3,033 | |
| Lower middle | 24.0 | 22.1 – 25.9 | 70.4 | 68.3 - 72.5 | 4.8 | 3.9 - 5.9 | 0.8 | 0.4 - 1.4 | 4,318 | |
| Middle | 24.5 | 22.7 – 26.4 | 70.9 | 69.0 - 72.8 | 3.6 | 2.9 - 4.4 | 1.0 | 0.7 - 1.5 | 5,578 | |
| Upper middle | 27.5 | 25.7 – 29.3 | 67.8 | 65.8 - 69.6 | 3.8 | 3.1 - 4.6 | 1.0 | 0.6 - 1.5 | 6,453 | |
| Highest | 27.0 | 25.3 – 28.8 | 69.5 | 67.6 - 71.3 | 2.4 | 1.9 - 3.1 | 1.1 | 0.7 - 1.7 | 6,792 | |

Prelacteal Feeding

The **definition of prelacteal feeding** is the practice of giving food or drink to a newborn before breast milk is adequately produced, often due to cultural or traditional reasons. Prelacteal food is any food or drink other than breast milk given to a baby within the first 0-3 days of life. Typically, the administration of these foods or drinks stops once breast milk production begins.

$$\text{Proportion of children aged 0-23 months receiving prelacteal feeding} = \frac{\text{Number of children aged 0-23 months who received prelacteal feeding}}{\text{Number of children aged 0-23 months}}$$

$$\text{Proportion of types of prelacteal food given to children aged 0-23 months} = \frac{\text{Number of children aged 0-23 months who received prelacteal feeding by type}}{\text{Number of children aged 0-23 months who received prelacteal feeding}}$$

Table 14.70 Proportion of Prelacteal Feeding to Infants Aged 0 - 23 Months by Province, 2023 SKI

| Province | Given Prelacteal Food | | Types of Prelacteal Food (%) | | | | | | | | | | Weighted N | |
|--------------------|-----------------------|---------------|------------------------------|------------------|---------------------|-------------|---------------|---------------|------------|-------------|---------------------------|---------------|-------------|--------------|
| | % | Weighted N | Formula Milk | Non-formula Milk | Honey/Honey + water | Sugar Water | Jaggery Water | Coconut Water | Sweet Tea | Plain Water | Porridge/Blended Porridge | Mashed Banana | Mashed Rice | |
| Aceh | 23.4 | 637 | 88.6 | 0.63 | 4.8 | 1.9 | 1.3 | 0 | 0.6 | 15.3 | 4.4 | 9.4 | 7.7 | 155 |
| North Sumatra | 36.6 | 1907 | 96.8 | 0.75 | 4.9 | 2.7 | 0.5 | 0.0 | 1.2 | 5.8 | 3.8 | 3.3 | 3.9 | 725 |
| West Sumatra | 14.6 | 670 | 83.3 | 1.88 | 6.7 | 2.8 | 0.9 | 1.8 | 7.1 | 13.7 | 13.4 | 13.3 | 13.2 | 102 |
| Riau | 19.8 | 815 | 96.0 | 0.60 | 4.0 | 0 | 0 | 0 | 0.5 | 8.0 | 1.5 | 1.6 | 2.3 | 168 |
| Jambi | 9.0 | 384 | 90.5 | 3.09 | 3.5 | 1.0 | 0 | 0 | 2.9 | 19.8 | 2.9 | 4.5 | 8.8 | 36* |
| South Sumatra | 20.8 | 976 | 89.4 | 1.42 | 9.0 | 0.4 | 1.4 | 1.2 | 2.2 | 13.3 | 6.7 | 4.4 | 3.7 | 211 |
| Bengkulu | 18.3 | 229 | 92.8 | 0.68 | 11.6 | 5.3 | 2.4 | 3.1 | 3.1 | 14.0 | 7.0 | 12.2 | 8.4 | 44* |
| Lampung | 26.2 | 1.032 | 86.5 | 0.20 | 5.9 | 1.0 | 0.9 | 0 | 3.1 | 10.7 | 3.8 | 6.0 | 3.8 | 281 |
| Bangka Belitung | 22.3 | 151 | 90.9 | 0 | 8.0 | 0 | 0 | 0 | 0.8 | 14.4 | 8.1 | 7.2 | 6.3 | 35* |
| Riau Islands | 31.4 | 249 | 95.5 | 0.19 | 3.9 | 1.4 | 0 | 0 | 0.9 | 1.8 | 1.6 | 1.8 | 1.8 | 81 |
| DKI Jakarta | 19.7 | 1.080 | 92.0 | 0.97 | 6.2 | 0.5 | 0 | 0 | 2.3 | 6.5 | 0.9 | 1.9 | 0.5 | 221 |
| West Java | 20.4 | 5.425 | 90.9 | 0.87 | 4.1 | 2.0 | 0 | 0.6 | 0.5 | 10.5 | 2.2 | 2.5 | 2.4 | 1,150 |
| Central Java | 13.4 | 3.883 | 88.5 | 0 | 4.7 | 0.1 | 0.4 | 0.3 | 2.2 | 7.6 | 4.8 | 4.1 | 3.1 | 542 |
| DI Yogyakarta | 13.6 | 308 | 82.6 | 4.30 | 0 | 0 | 3.5 | 0 | 5.4 | 21.7 | 2.9 | 13.1 | 13.1 | 44* |
| East Java | 24.0 | 3.803 | 92.6 | 0.85 | 3.9 | 1.2 | 0.7 | 0.3 | 0.6 | 3.3 | 2.7 | 3.1 | 2.7 | 948 |
| Banten | 16.8 | 1.298 | 79.4 | 0 | 17.9 | 0 | 0 | 0 | 0.4 | 4.6 | 0.7 | 1.2 | 0.7 | 227 |
| Bali | 23.8 | 450 | 100.0 | 0.37 | 2.2 | 0 | 1.9 | 0 | 0 | 0.4 | 0.4 | 3.2 | 0.9 | 111 |
| West Nusa Tenggara | 14.5 | 715 | 82.7 | 1.54 | 14.9 | 0.8 | 0 | 0.8 | 0.8 | 8.9 | 5.4 | 5.4 | 6.2 | 108 |
| East Nusa Tenggara | 15.7 | 807 | 88.9 | 3.29 | 2.1 | 6.6 | 0.8 | 1.2 | 4.2 | 13.9 | 9.9 | 7.7 | 5.7 | 132 |
| West Kalimantan | 13.8 | 565 | 91.2 | 3.48 | 1.9 | 0 | 0 | 0 | 0 | 3.6 | 5.1 | 2.5 | 0.4 | 81 |
| Central Kalimantan | 19.3 | 345 | 91.2 | 5.15 | 8.1 | 1.0 | 1.3 | 1.1 | 4.2 | 13.5 | 4.6 | 7.2 | 6.6 | 69 |
| South Kalimantan | 20.8 | 485 | 79.6 | 2.12 | 3.1 | 3.3 | 0 | 1.0 | 3.4 | 19.9 | 6.2 | 3.2 | 4.8 | 105 |
| East Kalimantan | 17.5 | 425 | 78.9 | 5.37 | 6.7 | 1.1 | 0 | 0.2 | 4.1 | 16.6 | 8.9 | 9.9 | 11.0 | 77 |
| North Kalimantan | 12.3 | 89 | 94.8 | 0 | 5.2 | 0 | 0 | 0 | 0 | 11.4 | 16.9 | 11.9 | 16.9 | 11* |
| North Sulawesi | 30.4 | 287 | 96.8 | 1.35 | 1.4 | 0.5 | 0.1 | 0 | 0.5 | 4.8 | 5.1 | 3.1 | 0.9 | 91 |
| Central Sulawesi | 31.6 | 406 | 90.2 | 2.82 | 5.2 | 2.5 | 0 | 0 | 0.3 | 5.4 | 4.1 | 1.5 | 2.4 | 133 |
| South Sulawesi | 26.1 | 1.104 | 91.8 | 1.58 | 6.0 | 0 | 0.9 | 0 | 0 | 4.6 | 1.9 | 1.1 | 2.2 | 300 |
| Southeast Sulawesi | 28.2 | 367 | 85.6 | 2.04 | 10.2 | 5.4 | 1.2 | 0.3 | 0.5 | 9.0 | 3.6 | 3.6 | 1.7 | 107 |
| Gorontalo | 30.9 | 152 | 87.9 | 0.83 | 8.4 | 2.6 | 0 | 0 | 0.9 | 12.8 | 4.6 | 2.6 | 0.9 | 49* |
| West Sulawesi | 20.5 | 210 | 66.9 | 4.12 | 15.1 | 7.4 | 1.8 | 3.5 | 1.3 | 25.3 | 7.5 | 12.3 | 20.4 | 45* |
| Maluku | 19.8 | 247 | 75.8 | 4.70 | 16.8 | 8.0 | 2.2 | 0 | 2.6 | 10.5 | 7.5 | 5.6 | 4.7 | 51 |
| North Maluku | 23.2 | 161 | 78.1 | 0.72 | 6.8 | 8.5 | 0.9 | 0 | 7.3 | 10.6 | 5.7 | 8.4 | 6.5 | 39* |
| Papua | 19.8 | 88 | 94.0 | 0.33 | 0 | 0.3 | 0 | 0 | 9.0 | 16.8 | 12.7 | 11.1 | 11.6 | 18* |
| South Papua | 28.5 | 91 | 92.7 | 9.13 | 2.0 | 2.1 | 0 | 0 | 2.6 | 8.7 | 2.4 | 3.1 | 3.5 | 27* |
| Central Papua | 27.5 | 157 | 88.3 | 4.00 | 0.4 | 6.0 | 0.7 | 4.3 | 10.6 | 23.1 | 16.8 | 20.3 | 23.5 | 45* |
| Highland Papua | 14.0 | 92 | 83.4 | 0 | 0 | 3.0 | 0 | 0 | 3.0 | 15.7 | 9.8 | 1.6 | 0 | 13* |
| West Papua | 13.4 | 134 | 56.0 | 8.27 | 0 | 47.3 | 0.9 | 5.6 | 47.3 | 43.9 | 27.9 | 33.8 | 12.2 | 19* |
| Southwest Papua | 8.5 | 109 | 5.6 | 9.00 | 0 | 4.7 | 0 | 0 | 35.2 | 40.2 | 10.3 | 52.6 | 28.5 | 10* |
| INDONESIA | 21.0 | 30.333 | 90.0 | 1.20 | 5.5 | 1.8 | 0.5 | 0.4 | 1.6 | 8.6 | 3.9 | 4.1 | 3.7 | 6,609 |

*Weighted N < 50

Table 14.71 Proportion of Prelacteal Feeding to Infants Aged 0-23 Months by Characteristic, 2023 SKI

| Characteristic | Given Prelacteal Food | | Types of Prelacteal Food (%) | | | | | | | | | | | Weighted N |
|--|-----------------------|------------|------------------------------|------------------|---------------------|-------------|---------------|---------------|-----------|-------------|---------------------------|---------------|-------------|------------|
| | % | Weighted N | Formula Milk | Non-formula Milk | Honey/Honey + Water | Sugar Water | Jaggery Water | Coconut Water | Sweet Tea | Plain Water | Porridge/Blended Porridge | Mashed Banana | Mashed Rice | |
| Age Range | | | | | | | | | | | | | | |
| 0 – 5 months | 20.2 | 6698 | 93.4 | 0.7 | 4.1 | 0.4 | 0.1 | 0.1 | 0.2 | 3.1 | 1.2 | 1.1 | 0.7 | 1,404 |
| 6 – 11 months | 22.7 | 7378 | 88.4 | 1.3 | 6.0 | 2.0 | 0.4 | 0.5 | 1.4 | 10.9 | 4.7 | 4.8 | 4.9 | 1,738 |
| 12 – 23 months | 20.5 | 16257 | 89.5 | 1.4 | 5.9 | 2.2 | 0.8 | 0.5 | 2.4 | 9.6 | 4.6 | 5.0 | 4.4 | 3,467 |
| Sex | | | | | | | | | | | | | | |
| Male | 21.4 | 15542 | 89.9 | 1.2 | 5.4 | 1.8 | 0.5 | 0.5 | 1.7 | 9.0 | 3.8 | 4.4 | 3.7 | 3,449 |
| Female | 20.6 | 14791 | 90.2 | 1.2 | 5.6 | 1.8 | 0.6 | 0.3 | 1.6 | 8.1 | 4.0 | 3.9 | 3.7 | 3,160 |
| HoH Education | | | | | | | | | | | | | | |
| Never attended school | 19.3 | 643 | 84.5 | 0.5 | 3.0 | 5.2 | 0.3 | 0.3 | 6.6 | 14.5 | 7.4 | 11.0 | 5.3 | 129 |
| Some primary school | 23.5 | 1032 | 74.7 | 1.9 | 8.6 | 1.3 | 0.3 | 0.1 | 1.3 | 7.8 | 6.4 | 11.6 | 5.9 | 253 |
| Primary school graduate | 21.4 | 5251 | 86.2 | 1.7 | 10.9 | 2.4 | 0.4 | 0.6 | 2.2 | 10.6 | 5.4 | 3.8 | 4.0 | 1,167 |
| Junior secondary school graduate | 20.0 | 5938 | 88.3 | 0.9 | 5.4 | 1.5 | 0.7 | 0.3 | 1.6 | 10.2 | 4.0 | 4.5 | 4.1 | 1,237 |
| Senior secondary school graduate | 21.5 | 12691 | 92.4 | 1.1 | 4.3 | 1.6 | 0.5 | 0.4 | 1.5 | 7.4 | 3.1 | 3.3 | 3.2 | 2,839 |
| D1/D2/D3/university graduate | 19.8 | 4778 | 94.7 | 1.1 | 2.4 | 1.6 | 0.5 | 0.5 | 1.0 | 6.8 | 3.1 | 3.8 | 3.5 | 985 |
| Mother's Education | | | | | | | | | | | | | | |
| Never attended school | 20.1 | 489 | 82.5 | 1.7 | 3.2 | 7.4 | | 1.5 | 9.7 | 16.9 | 7.8 | 11.4 | 10.4 | 102 |
| Some primary school | 19.8 | 983 | 80.9 | 3.2 | 9.9 | 1.9 | 0.4 | 0.1 | 1.5 | 9.6 | 5.0 | 6.4 | 4.0 | 203 |
| Primary school graduate | 19.2 | 4409 | 86.7 | 1.6 | 7.9 | 1.8 | 0.4 | 0.2 | 2.0 | 11.2 | 4.9 | 5.1 | 3.4 | 883 |
| Junior secondary school graduate | 20.6 | 6412 | 85.7 | 0.7 | 7.7 | 2.0 | 0.6 | 0.5 | 1.9 | 10.3 | 4.5 | 5.1 | 4.3 | 1,375 |
| Senior secondary school graduate | 22.2 | 11175 | 92.4 | 1.1 | 5.0 | 1.3 | 0.6 | 0.3 | 1.2 | 7.2 | 2.9 | 2.9 | 2.7 | 2,578 |
| D1/D2/D3/university graduate | 19.7 | 5132 | 94.7 | 1.1 | 1.9 | 1.1 | 0.3 | 0.1 | 0.3 | 6.0 | 2.7 | 2.8 | 3.0 | 1,050 |
| HoH Occupation | | | | | | | | | | | | | | |
| Unemployed | 24.0 | 769 | 77.6 | 0.3 | 5.6 | 3.2 | 0.4 | 0 | 2.6 | 10.2 | 3.2 | 9.1 | 3.9 | 192 |
| Student | 19.0 | 79 | 92.4 | 0 | 2.3 | 0 | 0 | 0 | 0 | 5.3 | 0 | 0 | 0 | 16* |
| Civil servant/Indonesian Military/Police/SOE/ROE | 20.2 | 1798 | 94.3 | 2.0 | 2.1 | 0.9 | 0.5 | 0.2 | 0.2 | 6.0 | 3.7 | 4.0 | 3.5 | 377 |
| Private employee | 21.7 | 6613 | 93.8 | 0.5 | 3.0 | 1.1 | 0.3 | 0.3 | 2.0 | 6.3 | 1.7 | 2.7 | 2.1 | 1,490 |
| Self-employed | 20.4 | 8894 | 91.8 | 1.2 | 5.1 | 2.0 | 0.4 | 0.3 | 0.8 | 7.5 | 4.3 | 3.9 | 4.6 | 1,882 |
| Farmer/farm worker | 21.1 | 5835 | 84.5 | 1.8 | 9.0 | 2.7 | 0.9 | 0.7 | 2.7 | 11.3 | 6.3 | 5.8 | 5.3 | 1,278 |
| Fisher | 22.8 | 663 | 86.0 | 1.0 | 9.3 | 3.3 | 1.2 | 1.2 | 5.0 | 11.6 | 6.5 | 7.9 | 5.6 | 157 |
| Labor/driver/domestic help | 20.5 | 4378 | 89.2 | 1.5 | 7.0 | 1.1 | 0.5 | 0.1 | 1.0 | 10.2 | 3.1 | 2.4 | 2.4 | 932 |
| Others | 21.0 | 1305 | 90.7 | 0.8 | 3.6 | 1.6 | 0.5 | 1.0 | 2.2 | 10.7 | 4.1 | 5.9 | 3.3 | 285 |
| Mother's Employment Status | | | | | | | | | | | | | | |
| Employed | 21.4 | 10396 | 91.7 | 1.1 | 4.2 | 0.2 | 0.4 | 0.4 | 1.7 | 7.9 | 4.0 | 4.3 | 4.0 | 2,312 |
| Unemployed | 20.5 | 18204 | 88.9 | 1.2 | 6.4 | 0.3 | 0.6 | 0.3 | 1.3 | 8.9 | 3.4 | 3.7 | 3.0 | 3,880 |
| Residence | | | | | | | | | | | | | | |
| Urban | 21.4 | 17324 | 92.5 | 1.0 | 4.7 | 1.5 | 0.4 | 0.5 | 1.2 | 7.1 | 2.8 | 3.2 | 2.6 | 3,858 |
| Rural | 20.3 | 13009 | 86.5 | 1.5 | 6.7 | 2.3 | 0.7 | 0.3 | 2.3 | 10.7 | 5.4 | 5.4 | 5.3 | 2,751 |
| Economic Status | | | | | | | | | | | | | | |
| Lowest | 20.7 | 3605 | 82.7 | 2.7 | 8.5 | 4.4 | 1.7 | 0.5 | 4.1 | 11.2 | 6.5 | 6.5 | 5.0 | 775 |
| Lower middle | 20.1 | 5068 | 87.3 | 1.2 | 6.0 | 1.6 | 0.6 | 0.7 | 2.4 | 11.6 | 4.2 | 4.8 | 4.4 | 1,060 |
| Middle | 21.8 | 6468 | 88.4 | 1.4 | 7.0 | 1.8 | 0.4 | 0.2 | 0.7 | 9.2 | 3.8 | 3.7 | 3.2 | 1,468 |
| Upper middle | 21.6 | 7438 | 92.8 | 0.8 | 5.2 | 1.6 | 0.3 | 0.3 | 1.3 | 7.2 | 3.6 | 4.3 | 3.4 | 1,668 |
| Highest | 20.3 | 7751 | 94.0 | 0.8 | 2.8 | 0.9 | 0.3 | 0.4 | 1.2 | 6.2 | 2.9 | 2.8 | 3.5 | 1,639 |

Table 14.72 Proportion of Reasons for Prelacteal Feeding by Province, 2023 SKI

| Province | Reasons for Prelacteal Feeding (%) | | | | | | | | Weighted N | |
|--------------------|------------------------------------|-----------------------------|--------------------------|---------------|-------------------------|-----------------------------|----------------|--------------------------------------|------------|--------------|
| | Breast Milk not/yet out | Child Refuses to Breastfeed | Mother's Medical Reasons | Separate Care | Child's Medical Reasons | Child separated from mother | Mother's death | Cultural/religious/normative reasons | | |
| Aceh | 60.8 | 9.4 | 5.2 | 4.9 | 1.7 | 5.4 | 0 | 3.4 | 9.2 | 155 |
| North Sumatra | 72.1 | 5.8 | 0.9 | 5.8 | 1.3 | 6.0 | 0.3 | 1.7 | 6.1 | 725 |
| West Sumatra | 54.0 | 12.4 | 3.4 | 4.9 | 2.1 | 0.8 | 2.2 | 4.2 | 15.9 | 102 |
| Riau | 65.6 | 4.8 | 8.5 | 8.0 | 2.0 | 4.6 | 1.0 | 0.5 | 5.0 | 168 |
| Jambi | 75.0 | 8.9 | 0 | 2.9 | 0 | 3.8 | 2.3 | 3.5 | 3.7 | 36* |
| South Sumatra | 67.0 | 9.6 | 1.7 | 2.4 | 2.1 | 2.7 | 0.2 | 2.0 | 12.3 | 211 |
| Bengkulu | 73.9 | 3.0 | 1.3 | 1.4 | 4.0 | 0 | 0 | 3.3 | 13.1 | 44* |
| Lampung | 65.6 | 6.3 | 4.0 | 10.0 | 0.2 | 1.2 | 0 | 3.3 | 9.5 | 281 |
| Bangka Belitung | 57.9 | 7.2 | 1.5 | 15.3 | 0 | 1.5 | 0 | 0.4 | 16.2 | 35* |
| Riau Islands | 74.8 | 0.8 | 3.6 | 8.8 | 0 | 7.8 | 0 | 2.5 | 1.8 | 81 |
| DKI Jakarta | 51.1 | 5.2 | 6.9 | 8.5 | 22.3 | 1.0 | 0 | 0 | 4.9 | 221 |
| West Java | 61.9 | 3.8 | 4.8 | 9.7 | 4.7 | 4.0 | 0.3 | 0.9 | 9.9 | 1,150 |
| Central Java | 66.1 | 6.5 | 5.0 | 5.3 | 4.6 | 2.9 | 0 | 1.3 | 8.3 | 542 |
| DI Yogyakarta | 52.2 | 0 | 13.8 | 0 | 4.7 | 5.5 | 3.6 | 0 | 20.4 | 44* |
| East Java | 65.8 | 2.6 | 6.3 | 6.6 | 5.2 | 3.6 | 0 | 3.3 | 6.6 | 948 |
| Banten | 60.2 | 5.8 | 2.4 | 4.5 | 4.8 | 4.0 | 0 | 9.7 | 8.5 | 227 |
| Bali | 67.1 | 4.8 | 5.7 | 9.7 | 2.7 | 3.8 | 0 | 1.9 | 4.4 | 111 |
| West Nusa Tenggara | 47.1 | 2.8 | 4.8 | 14.2 | 9.1 | 8.5 | 0 | 3.2 | 10.3 | 108 |
| East Nusa Tenggara | 46.2 | 8.4 | 8.5 | 13.8 | 2.9 | 4.8 | 0 | 2.3 | 13.2 | 132 |
| West Kalimantan | 62.4 | 11.4 | 3.4 | 3.2 | 0.7 | 6.2 | 0 | 2.5 | 10.1 | 81 |
| Central Kalimantan | 63.3 | 15.7 | 2.5 | 1.7 | 3.2 | 1.7 | 1.3 | 6.2 | 4.4 | 69 |
| South Kalimantan | 55.3 | 10.0 | 1.4 | 1.8 | 2.4 | 3.9 | 2.0 | 11.6 | 11.5 | 105 |
| East Kalimantan | 62.4 | 7.7 | 1.5 | 6.0 | 5.4 | 1.2 | 0 | 3.5 | 12.2 | 77 |
| North Kalimantan | 55.1 | 8.7 | 3.8 | 11.1 | 3.9 | 0 | 0 | 2.1 | 15.3 | 11* |
| North Sulawesi | 60.0 | 5.4 | 7.7 | 8.4 | 4.7 | 2.6 | 0.1 | 0.5 | 10.6 | 91 |
| Central Sulawesi | 61.0 | 7.8 | 2.7 | 11.9 | 2.9 | 4.6 | 0 | 1.7 | 7.5 | 133 |
| South Sulawesi | 57.5 | 7.7 | 7.4 | 11.6 | 3.9 | 3.7 | 0 | 2.2 | 5.9 | 300 |
| Southeast Sulawesi | 77.3 | 7.9 | 3.1 | 2.1 | 1.3 | 2.6 | 0.2 | 2.0 | 3.5 | 107 |
| Gorontalo | 50.2 | 9.1 | 6.4 | 6.9 | 6.4 | 5.7 | 1.1 | 11.6 | 2.5 | 49* |
| West Sulawesi | 60.8 | 6.4 | 5.0 | 5.2 | 0 | 3.1 | 0 | 5.0 | 14.5 | 45* |
| Maluku | 64.3 | 5.6 | 1.8 | 2.9 | 0 | 5.6 | 1.7 | 5.3 | 12.8 | 51 |
| North Maluku | 61.6 | 12.2 | 0.4 | 4.0 | 0 | 2.5 | 0 | 8.3 | 10.9 | 39* |
| Papua | 55.2 | 14.1 | 2.5 | 1.4 | 0 | 4.3 | 0 | 0.8 | 21.7 | 18* |
| South Papua | 65.5 | 8.9 | 2.0 | 4.4 | 0 | 3.5 | 0.8 | 0 | 14.9 | 27* |
| Central Papua | 36.7 | 16.6 | 3.6 | 17.8 | 3.3 | 5.9 | 0 | 3.0 | 13.1 | 45* |
| Highland Papua | 62.4 | 5.3 | 0 | 7.1 | 0 | 10.5 | 0 | 2.1 | 12.5 | 13* |
| West Papua | 38.1 | 14.9 | 4.5 | 0 | 0 | 4.6 | 4.6 | 0 | 33.3 | 19* |
| Southwest Papua | 31.8 | 0 | 0 | 0 | 0 | 3.7 | 0 | 2.3 | 62.2 | 10* |
| INDONESIA | 63.1 | 5.8 | 4.5 | 7.3 | 4.0 | 3.9 | 0.3 | 2.6 | 8.6 | 6,609 |

*Weighted N < 50

Tabel 14.73 Proportion of Reasons for Providing Prelacteal Food by Characteristic, 2023 SKI

| Characteristic | Reasons for Prelacteal Feeding (%) | | | | | | | | Weighted N | |
|---|------------------------------------|-----------------------------|--------------------------|---------------|-------------------------|-----------------------------|----------------|---------------------------------------|------------|-------|
| | Breast Milk not/yet out | Child Refuses to Breastfeed | Mother's Medical Reasons | Separate Care | Child's Medical Reasons | Child separated from mother | Mother's death | Cultural/religious /normative reasons | | |
| Age Range | | | | | | | | | | |
| 0 – 5 months | 66.1 | 4.2 | 3.7 | 6.4 | 4.1 | 5.3 | 0.3 | 1.7 | 8.2 | 1,404 |
| 6 – 11 months | 60.4 | 7.6 | 5.7 | 7.7 | 2.5 | 3.6 | 0.4 | 2.5 | 9.6 | 1,738 |
| 12 – 23 months | 63.2 | 5.6 | 4.2 | 7.4 | 4.8 | 3.4 | 0.2 | 3.0 | 8.2 | 3,467 |
| Sex | | | | | | | | | | |
| Male | 62.8 | 6.2 | 4.2 | 7.6 | 4.1 | 4.1 | 0.3 | 2.7 | 8.2 | 3,449 |
| Female | 63.4 | 5.5 | 4.8 | 7.0 | 4.0 | 3.6 | 0.3 | 2.4 | 9.0 | 3,160 |
| HoH Education | | | | | | | | | | |
| Never attended school | 60.7 | 6.0 | 4.9 | 8.5 | 4.4 | 3.7 | 0.8 | 1.7 | 9.3 | 129 |
| Some primary school | 48.1 | 9.7 | 7.9 | 7.5 | 7.7 | 2.2 | | 11.1 | 5.8 | 253 |
| Primary school graduate | 65.5 | 5.0 | 4.8 | 5.1 | 2.8 | 3.3 | 0.3 | 4.1 | 9.0 | 1,167 |
| Junior secondary school graduate | 62.9 | 5.8 | 4.2 | 5.5 | 3.8 | 4.1 | 0.3 | 3.5 | 9.9 | 1,237 |
| Senior secondary school graduate | 64.0 | 6.0 | 3.9 | 8.2 | 4.3 | 3.8 | 0.2 | 1.4 | 8.0 | 2,839 |
| D1/D2/D3/university graduate | 62.0 | 5.2 | 5.0 | 9.2 | 3.9 | 4.8 | 0.4 | 0.8 | 8.5 | 985 |
| Mother's Education | | | | | | | | | | |
| Never attended school | 53.4 | 8.3 | 0.3 | 13.9 | 1.7 | 7.5 | 0.2 | 1.4 | 13.3 | 102 |
| Some primary school | 60.8 | 4.6 | 7.5 | 7.8 | 3.6 | 3.2 | 0 | 7.0 | 5.5 | 203 |
| Primary school graduate | 65.7 | 5.8 | 5.4 | 4.5 | 2.3 | 2.1 | 0 | 5.2 | 9.1 | 883 |
| Junior secondary school graduate | 63.2 | 6.2 | 3.1 | 6.2 | 5.2 | 3.2 | 0.1 | 3.1 | 9.6 | 1,375 |
| Senior secondary school graduate | 64.4 | 5.6 | 4.7 | 7.7 | 4.8 | 3.1 | 0.0 | 2.0 | 7.6 | 2,578 |
| D1/D2/D3/university graduate | 64.0 | 5.3 | 5.2 | 9.0 | 3.1 | 4.7 | 0 | 0.4 | 8.3 | 1,050 |
| HoH Occupation | | | | | | | | | | |
| Unemployed | 53.7 | 7.0 | 6.8 | 4.8 | 2.6 | 4.3 | 0.1 | 9.1 | 11.4 | 192 |
| Student | 44.9 | 0 | 19.0 | 5.5 | 0 | 0 | 0 | 2.3 | 28.3 | 16* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 63.3 | 3.7 | 3.2 | 11.5 | 4.3 | 5.8 | 0 | 0.5 | 7.7 | 377 |
| Private employee | 63.0 | 6.7 | 4.5 | 7.0 | 6.5 | 3.8 | 0.2 | 0.7 | 7.6 | 1,490 |
| Self-employed | 67.1 | 5.4 | 4.0 | 6.4 | 2.8 | 3.5 | 0.4 | 2.0 | 8.5 | 1,882 |
| Farmer/farm worker | 62.2 | 6.1 | 4.8 | 7.8 | 1.9 | 2.9 | 0.3 | 4.6 | 9.4 | 1,278 |
| Fisher | 64.8 | 6.6 | 2.6 | 5.9 | 2.5 | 2.5 | 0.1 | 5.8 | 9.2 | 157 |
| Labor/driver/domestic help | 58.0 | 5.3 | 4.7 | 8.5 | 6.5 | 5.0 | 0.3 | 3.1 | 8.6 | 932 |
| Others | 64.3 | 6.6 | 5.9 | 5.7 | 2.4 | 5.1 | 0.4 | 1.9 | 7.6 | 285 |
| Mother's Employment Status | | | | | | | | | | |
| Employed | 62.6 | 5.5 | 4.5 | 7.9 | 4.9 | 4.8 | 0.1 | 1.8 | 7.9 | 2,312 |
| Unemployed | 63.8 | 6.3 | 4.5 | 6.5 | 2.8 | 2.6 | 0.5 | 3.6 | 9.4 | 3,880 |
| Residence | | | | | | | | | | |
| Urban | 63.6 | 5.2 | 4.5 | 7.9 | 3.6 | 3.7 | 0.0 | 1.6 | 10.0 | 3,858 |
| Rural | 64.2 | 6.1 | 4.6 | 6.9 | 4.5 | 3.1 | 0.0 | 3.2 | 7.4 | 2,751 |
| Economic Status | | | | | | | | | | |
| Lowest | 56.4 | 6.9 | 2.8 | 8.2 | 3.1 | 2.9 | 0.6 | 5.3 | 13.8 | 775 |
| Lower middle | 62.9 | 7.2 | 5.0 | 5.8 | 2.7 | 4.1 | 0.3 | 3.0 | 8.9 | 1,060 |
| Middle | 65.1 | 4.5 | 4.2 | 5.7 | 5.0 | 3.8 | 0.2 | 3.7 | 7.7 | 1,468 |
| Upper middle | 65.6 | 6.1 | 4.8 | 6.1 | 5.0 | 3.8 | 0.4 | 1.6 | 6.5 | 1,668 |
| Highest | 62.0 | 5.4 | 4.8 | 10.5 | 3.5 | 4.2 | 0.0 | 0.9 | 8.6 | 1,639 |

History and Continuation of Breastfeeding

The proportion of children aged 0-23 months based on the history and continuation of breastfeeding consists of two indicators:

$$\text{Proportion of children aged 0-23 months who have ever been breastfed} = \frac{\text{Number of children aged 0-23 months who have ever been breastfed}}{\text{Total number of children aged 0-23 months}}$$

$$\text{Proportion of children aged 0-23 months who are currently being breastfed} = \frac{\text{Number of children aged 0-23 months who are currently being breastfed}}{\text{Total number of children aged 0-23 months who have ever been breastfed}}$$

Proportion of Reasons for Children Aged 0-23 Months Not Yet/Never Breastfed

$$\text{Proportion of children aged 0-23 months based on the main reasons for not being breastfed} = \frac{\text{Number of children aged 0-23 months based on the main reasons for not being breastfed}}{\text{Total number of children aged 0-23 months*}}$$

* The denominator does not include infants who have been breastfed

Table 14.74 Proportion and Continuation of Breastfeeding for Children Aged 0-23 Months by Province, 2023 SKI

| Province | Ever Breastfed | | | Currently Breastfed | | |
|--------------------|----------------|--------------------|---------------|---------------------|--------------------|---------------|
| | % | 95% CI | Weighted N | % | 95% CI | Weighted N |
| Aceh | 95.3 | 93.7 - 96.5 | 637 | 83.9 | 80.9 - 86.5 | 601 |
| North Sumatra | 93.1 | 91.3 - 94.5 | 1,907 | 76.8 | 73.8 - 79.5 | 1,757 |
| West Sumatra | 97.4 | 95.9 - 98.3 | 670 | 82.6 | 79.4 - 85.3 | 646 |
| Riau | 94.1 | 91.8 - 95.9 | 815 | 78.6 | 74.7 - 82.0 | 760 |
| Jambi | 97.6 | 95.8 - 98.7 | 384 | 90.6 | 86.9 - 93.4 | 371 |
| South Sumatra | 91.2 | 88.5 - 93.3 | 976 | 78.5 | 75.0 - 81.6 | 881 |
| Bengkulu | 95.0 | 91.4 - 97.1 | 229 | 87.2 | 82.5 - 90.8 | 215 |
| Lampung | 95.0 | 92.6 - 96.6 | 1,032 | 82.5 | 78.8 - 85.6 | 970 |
| Bangka Belitung | 95.5 | 92.1 - 97.5 | 151 | 69.4 | 63.4 - 74.8 | 143 |
| Riau Islands | 95.2 | 91.3 - 97.4 | 249 | 73.6 | 66.7 - 79.5 | 234 |
| DKI Jakarta | 98.3 | 96.0 - 99.2 | 1,080 | 76.0 | 70.0 - 81.1 | 1,050 |
| West Java | 97.2 | 96.2 - 98.0 | 5,425 | 81.0 | 78.5 - 83.3 | 5,223 |
| Central Java | 98.0 | 97.1 - 98.6 | 3,883 | 86.6 | 84.6 - 88.4 | 3,766 |
| DI Yogyakarta | 98.7 | 95.7 - 99.6 | 308 | 88.3 | 82.6 - 92.3 | 301 |
| East Java | 96.1 | 94.7 - 97.2 | 3,803 | 80.7 | 78.2 - 82.9 | 3,619 |
| Banten | 97.5 | 95.4 - 98.7 | 1,298 | 79.1 | 74.1 - 83.3 | 1,253 |
| Bali | 97.3 | 95.4 - 98.5 | 450 | 73.2 | 68.1 - 77.7 | 433 |
| West Nusa Tenggara | 97.2 | 95.3 - 98.4 | 715 | 87.0 | 82.9 - 90.3 | 688 |
| East Nusa Tenggara | 93.9 | 92.2 - 95.2 | 807 | 77.8 | 75.1 - 80.2 | 750 |
| West Kalimantan | 96.4 | 94.2 - 97.7 | 565 | 82.8 | 79.2 - 85.9 | 539 |
| Central Kalimantan | 95.8 | 93.0 - 97.5 | 345 | 78.6 | 74.2 - 82.4 | 327 |
| South Kalimantan | 96.6 | 94.5 - 98.0 | 485 | 77.9 | 73.8 - 81.6 | 464 |
| East Kalimantan | 97.4 | 94.0 - 98.9 | 425 | 71.0 | 66.0 - 75.6 | 410 |
| North Kalimantan | 98.3 | 95.9 - 99.3 | 89 | 74.5 | 68.6 - 79.6 | 87 |
| North Sulawesi | 92.9 | 89.5 - 95.3 | 287 | 61.4 | 56.1 - 66.5 | 264 |
| Central Sulawesi | 93.3 | 91.0 - 95.1 | 406 | 76.7 | 72.6 - 80.4 | 375 |
| South Sulawesi | 93.4 | 91.4 - 94.9 | 1,104 | 69.0 | 65.7 - 72.2 | 1,021 |
| Southeast Sulawesi | 93.9 | 91.9 - 95.4 | 367 | 73.8 | 69.9 - 77.3 | 341 |
| Gorontalo | 93.0 | 88.5 - 95.9 | 152 | 61.5 | 55.0 - 67.6 | 140 |
| West Sulawesi | 94.2 | 90.1 - 96.7 | 210 | 82.8 | 78.1 - 86.6 | 196 |
| Maluku | 94.3 | 92.2 - 95.9 | 247 | 71.9 | 66.7 - 76.5 | 230 |
| North Maluku | 88.9 | 84.3 - 92.3 | 161 | 73.6 | 67.8 - 78.6 | 142 |
| Papua | 86.2 | 79.6 - 90.9 | 88 | 71.7 | 64.7 - 77.8 | 75 |
| South Papua | 91.5 | 87.2 - 94.5 | 91 | 67.1 | 60.6 - 73.1 | 82 |
| Central Papua | 89.0 | 84.3 - 92.4 | 157 | 70.7 | 62.8 - 77.6 | 139 |
| Highland Papua | 92.8 | 87.9 - 95.8 | 92 | 83.3 | 73.9 - 89.8 | 84 |
| West Papua | 90.5 | 86.0 - 93.7 | 134 | 83.2 | 76.1 - 88.5 | 120 |
| Southwest Papua | 72.2 | 62.0 - 80.6 | 109 | 74.7 | 65.0 - 82.5 | 78 |
| INDONESIA | 95.8 | 95.5 - 96.1 | 30,333 | 80.0 | 79.2 - 80.7 | 28,777 |

Table 14.75 Proportion of Ever Breastfed and Currently Breastfed Children Aged 0-23 Months by Characteristic, 2023 SKI

| Characteristic | Ever Breastfed | | N Weighted N | Currently Breastfed | | N Weighted N |
|---|----------------|-------------|-----------------|---------------------|-------------|-----------------|
| | % | 95 % CI | | % | 95 % CI | |
| Age Range | | | | | | |
| 0 – 5 months | 96.7 | 96.0 - 97.2 | 6,698 | 92.3 | 91.2 - 93.3 | 6,410 |
| 6 – 11 months | 95.8 | 95.0 - 96.4 | 7,378 | 86.0 | 84.7 - 87.2 | 6,995 |
| 12 – 23 months | 95.5 | 95.0 - 96.0 | 16,257 | 72.1 | 71.0 - 73.3 | 15,372 |
| Sex | | | | | | |
| Male | 95.5 | 95.0 - 96.0 | 15,542 | 79.5 | 78.4 - 80.5 | 14,693 |
| Female | 96.2 | 95.7 - 96.6 | 14,791 | 80.5 | 79.4 - 81.5 | 14,084 |
| HoH Education | | | | | | |
| Never attended school | 92.0 | 89.0 - 94.3 | 643 | 79.4 | 74.9 - 83.3 | 586 |
| Some primary school | 95.9 | 94.1 - 97.1 | 1,032 | 82.3 | 78.6 - 85.5 | 980 |
| Primary school graduate | 94.7 | 93.6 - 95.6 | 5,251 | 83.4 | 81.7 - 85.1 | 4,922 |
| Junior secondary school graduate | 95.9 | 95.1 - 96.6 | 5,938 | 81.7 | 80.0 - 83.3 | 5,640 |
| Senior secondary school graduate | 96.1 | 95.6 - 96.6 | 12,691 | 78.9 | 77.7 - 80.0 | 12,076 |
| D1/D2/D3/university graduate | 96.7 | 95.9 - 97.3 | 4,778 | 76.6 | 74.6 - 78.5 | 4,573 |
| Mother's Education | | | | | | |
| Never attended school | 91.4 | 87.3 - 94.2 | 489 | 78.7 | 72.5 - 83.7 | 443 |
| Some primary school | 96.2 | 94.3 - 97.5 | 983 | 82.0 | 78.1 - 85.3 | 936 |
| Primary school graduate | 96.1 | 95.2 - 96.9 | 4,409 | 84.4 | 82.5 - 86.1 | 4,200 |
| Junior secondary school graduate | 96.4 | 95.7 - 97.0 | 6,412 | 82.8 | 81.1 - 84.4 | 6,126 |
| Senior secondary school graduate | 96.0 | 95.4 - 96.5 | 11,175 | 80.0 | 78.7 - 81.1 | 10,630 |
| D1/D2/D3/university graduate | 97.2 | 96.5 - 97.8 | 5,132 | 76.3 | 74.5 - 78.0 | 4,945 |
| HoH Occupation | | | | | | |
| Unemployed | 94.2 | 92.1 - 95.8 | 769 | 76.3 | 71.1 - 80.8 | 717 |
| Student | 90.0 | 72.4 - 96.9 | 79 | 84.6 | 71.4 - 92.4 | 70 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 96.2 | 95.0 - 97.2 | 1,798 | 72.9 | 69.4 - 76.1 | 1,713 |
| Private employee | 96.2 | 95.3 - 96.9 | 6,613 | 77.5 | 75.6 - 79.2 | 6,296 |
| Self-employed | 96.3 | 95.7 - 96.8 | 8,894 | 81.2 | 79.9 - 82.5 | 8,480 |
| Farmer/farm worker | 95.4 | 94.7 - 95.9 | 5,835 | 83.7 | 82.4 - 84.8 | 5,510 |
| Fisher | 93.6 | 91.2 - 95.3 | 663 | 76.0 | 70.8 - 80.6 | 614 |
| Labor/driver/domestic help | 95.6 | 94.5 - 96.6 | 4,378 | 81.7 | 79.5 - 83.7 | 4,146 |
| Others | 95.3 | 93.1 - 96.8 | 1,305 | 76.1 | 72.5 - 79.3 | 1,231 |
| Mother's Employment Status | | | | | | |
| Employed | 95.5 | 94.9 - 96.1 | 10,396 | 77.3 | 76.0 - 78.5 | 9,844 |
| Unemployed | 96.6 | 96.2 - 97.0 | 18,204 | 82.6 | 81.6 - 83.5 | 17,436 |
| Residence | | | | | | |
| Urban | 96.3 | 95.8 - 96.7 | 17,324 | 78.1 | 77.0 - 79.1 | 16,510 |
| Rural | 95.2 | 94.7 - 95.7 | 13,009 | 82.6 | 81.6 - 83.6 | 12,267 |
| Economic Status | | | | | | |
| Lowest | 94.6 | 93.7 - 95.4 | 3,605 | 82.0 | 80.3 - 83.6 | 3,377 |
| Lower middle | 95.8 | 95.0 - 96.5 | 5,068 | 83.1 | 81.5 - 84.6 | 4,807 |
| Middle | 95.8 | 95.0 - 96.4 | 6,468 | 81.1 | 79.5 - 82.7 | 6,133 |
| Upper middle | 95.5 | 94.7 - 96.2 | 7,438 | 80.4 | 78.9 - 81.9 | 7,033 |
| Highest | 96.8 | 96.0 - 97.4 | 7,751 | 75.7 | 74.0 - 77.4 | 7,425 |

Table 14.76 Proportion of Reasons Why Children Aged 0-23 Months Have Not Been/Are Not Breastfed by Characteristic, 2023 SKI

| Characteristic | Reasons for not being/never being breastfed (%) | | | | | | | | Others | N Weighted N |
|---------------------------------------|---|-----------------------------|--------------------------|---------------|-------------------------|-----------------------------|----------------|--------------------------------------|------------|-----------------|
| | Breast Milk not/yet out | Child Refuses to Breastfeed | Mother's Medical Reasons | Separate Care | Child's Medical Reasons | Child separated from mother | Mother's death | Cultural/religious/normative reasons | | |
| Age Range | | | | | | | | | | |
| 0 – 5 months | 56.2 | 8.6 | 3.4 | 7.9 | 3.2 | 12.5 | 1.0 | 0.1 | 7.0 | 241 |
| 6 – 11 months | 72.7 | 9.3 | 4.6 | 4.0 | 0.8 | 3.5 | 0.3 | 0.5 | 4.3 | 326 |
| 12 – 23 months | 66.9 | 10.5 | 2.8 | 4.2 | 1.7 | 3.6 | 1.4 | 0.8 | 8.0 | 756 |
| Sex | | | | | | | | | | |
| Male | 67.2 | 10.2 | 2.9 | 6.1 | 1.5 | 3.6 | 1.0 | 0.7 | 6.9 | 744 |
| Female | 65.5 | 9.5 | 3.8 | 3.2 | 2.1 | 7.3 | 1.2 | 0.4 | 6.9 | 579 |
| HoH Education | | | | | | | | | | |
| Never attended school | 49.1 | 12.5 | 13.2 | 4.5 | 0 | 5.3 | 0.5 | 3.0 | 11.9 | 38* |
| Some primary school | 60.7 | 10.5 | 4.5 | 8.1 | 0 | 2.5 | 0 | 0.5 | 13.0 | 40* |
| Primary school graduate | 67.3 | 11.2 | 4.1 | 7.1 | 2.9 | 2.4 | 0.6 | 1.0 | 3.4 | 302 |
| Junior secondary school graduate | 70.3 | 8.3 | 3.1 | 2.7 | 0.3 | 7.8 | 1.5 | 0.1 | 5.9 | 247 |
| Senior secondary school graduate | 67.2 | 9.6 | 2.4 | 5.3 | 2.6 | 5.8 | 1.1 | 0.6 | 5.5 | 525 |
| D1/D2/D3/university graduate | 61.8 | 10.1 | 2.7 | 1.6 | 0 | 5.6 | 1.6 | 0.1 | 16.5 | 171 |
| Mother's Education | | | | | | | | | | |
| Never attended school | 61.9 | 9.0 | 1.1 | 8.4 | 0 | 5.6 | 0.6 | | 13.4 | 32* |
| Some primary school | 85.4 | 2.1 | 2.6 | 3.5 | 4.3 | 0.6 | 0 | 0.6 | 0.9 | 33* |
| Primary school graduate | 64.7 | 11.7 | 6.3 | 8.3 | 0.5 | 3.0 | 0.9 | 1.2 | 3.4 | 185 |
| Junior secondary school graduate | 76.9 | 11.0 | 2.1 | 2.2 | 0.9 | 1.8 | 0.4 | 1.0 | 3.5 | 254 |
| Senior secondary school graduate | 70.3 | 10.3 | 2.1 | 3.4 | 0.8 | 3.8 | 0 | 0.2 | 7.7 | 493 |
| D1/D2/D3/university graduate | 73.4 | 5.5 | 3.1 | 3.5 | 0.5 | 3.2 | 0 | 0.1 | 7.6 | 160 |
| HoH Occupation | | | | | | | | | | |
| Unemployed | 60.3 | 1.1 | 2.2 | 10.3 | 0.7 | 7.8 | 0.5 | 0 | 17.1 | 37* |
| Student | 100.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9* |
| Civil servant/Military/Police/SOE/ROE | 46.8 | 7.5 | 4.2 | 5.6 | 1.8 | 12.7 | 0 | 0.2 | 21.2 | 75 |
| Private employee | 72.6 | 10.0 | 1.3 | 3.1 | 1.7 | 2.2 | 1.2 | 0 | 7.9 | 272 |
| Self-employed | 70.2 | 12.5 | 2.3 | 3.5 | 1.1 | 4.2 | 0.2 | 0.4 | 5.6 | 343 |
| Farmer/farm worker | 63.6 | 8.6 | 3.9 | 7.8 | 3.5 | 5.0 | 1.1 | 0.8 | 5.9 | 260 |
| Fisher | 76.7 | 4.7 | 3.7 | 2.1 | 0.7 | 5.6 | 0.4 | 0.8 | 5.3 | 44* |
| Labor/driver/domestic help | 66.7 | 8.3 | 7.8 | 5.5 | 1.3 | 2.3 | 3.0 | 0.6 | 4.4 | 213 |
| Others | 47.2 | 17.6 | 0.6 | 3.8 | 1.0 | 22.4 | 1.3 | 3.5 | 2.7 | 71 |
| Mother's Employment Status | | | | | | | | | | |
| Employed | 72.5 | 8.1 | 2.4 | 3.4 | 2.3 | 3.6 | 0.0 | 0.3 | 7.4 | 478 |
| Unemployed | 70.7 | 10.9 | 3.2 | 4.5 | 1.7 | 2.7 | 0.4 | 0.7 | 5.1 | 680 |
| Residence | | | | | | | | | | |
| Urban | 68.3 | 9.0 | 3.8 | 4.3 | 1.6 | 4.3 | 1.3 | 1.3 | 7.0 | 709 |
| Rural | 64.2 | 10.9 | 2.8 | 5.4 | 1.9 | 6.3 | 0.8 | 0.8 | 6.8 | 614 |
| Economic Status | | | | | | | | | | |
| Lowest | 62.0 | 7.4 | 5.9 | 4.7 | 1.2 | 11.9 | 2.0 | 2.1 | 7.3 | 162 |
| Lower middle | 62.3 | 12.9 | 2.5 | 4.0 | 3.8 | 10.2 | 1.2 | 0.1 | 8.7 | 230 |
| Middle | 74.4 | 8.0 | 0.3 | 6.4 | 1.7 | 10.6 | 1.9 | 0.4 | 3.2 | 291 |
| Upper middle | 61.2 | 13.8 | 5.4 | 4.7 | 0.4 | 25.5 | 0.6 | 0.8 | 6.0 | 365 |
| Highest | 71.0 | 5.7 | 2.9 | 3.9 | 2.1 | 10.9 | 0.2 | 0.0 | 10.3 | 276 |
| INDONESIA | 66.4 | 9.9 | 3.3 | 4.8 | 1.7 | 5.2 | 1.1 | 0.6 | 6.9 | 1,323 |

Provision of Foods Other Than Breast Milk and Complementary Foods (CF)

- a. **Foods other than breast milk** refer to the provision of other foods and liquids given to infants aged 0-5 months.
- b. **Complementary foods (CF)** refer to the provision of other foods and liquids given to infants starting at 6 months of age.

Proportion of Age at First Introduction of Foods Other Than Breast Milk and CF

The definition of the age at first introduction of foods other than breast milk and CF is the age at which the baby is first introduced to foods or drinks other than breast milk or CF during the first month of introduction.

$$\text{Proportion of Children Aged 0-23 Months Based on Age at First Introduction of Foods Other Than Breast Milk and CF} = \frac{\text{Number of children in Age Range first introduced to Foods other than Breast Milk and CF}}{\text{Number of children aged 0-23 months}}$$

Types of Foods Other Than Breast Milk and CF First Introduced

$$\text{Proportion of Children Aged 0-23 Months Based on the Types of Foods Other Than Breast Milk and CF First Introduced} = \frac{\text{Number of children first given types of foods other than Breast Milk and CF at age 0-23 months based on type}}{\text{Number of children aged 0-23 months first introduced to Foods other than Breast Milk and CF}}$$

Proportion of Age When Regularly Given Foods Other Than Breast Milk and CF

The definition of "Age when regularly given Foods Other Than Breast Milk and CF" is the age when foods or drinks other than Breast Milk and CF start being given regularly/continuously during the first month of provision.

$$\text{Proportion of Children Aged 0-23 Months Based on Age of Regular Provision of Foods Other Than Breast Milk and CF} = \frac{\text{Number of children in Age Range regularly given Foods other than Breast Milk and CF}}{\text{Number of children aged 0-23 months}}$$

Proportion of Types of Foods Other Than Breast Milk and CF Regularly Given

$$\text{Proportion of Children Aged 0-23 Months Based on the Types of Foods Other Than Breast Milk and CF Regularly Given} = \frac{\text{Number of children aged 0-23 months who regularly consume foods other than Breast Milk and CF based on type}}{\text{Number of children aged 0-23 months based on age of regular provision of foods other than Breast Milk and CF}}$$

Table 14.77 Proportion of Age at First Introduction of Foods Other Than Breast Milk and Complementary Foods (CF) by Province, 2023 SKI

| Province | Age at First Introduction of Foods Other Than Breast Milk (%) | | | | | | | Age at First Introduction of Complementary Foods (CF) (%) | | | | | | | Weighted N |
|--------------------|---|------------|------------|------------|------------|------------|------------|---|------------|------------|------------|------------|------------|-------------|---------------|
| | 0-7 days | 8-29 days | 1 month | 2 months | 3 months | 4 months | 5 months | 6 months | 7 months | 8 months | 9 months | 10 months | 11 months | ≥ 12 months | |
| Aceh | 10.8 | 1.8 | 1.8 | 2.2 | 4.0 | 5.1 | 5.1 | 44.3 | 5.4 | 0.4 | 0.2 | 0 | 0.1 | 0.9 | 637 |
| North Sumatra | 17.1 | 0.6 | 1.2 | 2.9 | 2.1 | 2.1 | 3.1 | 47.9 | 4.6 | 1.0 | 0.5 | 0.1 | 0.0 | 0.6 | 1,907 |
| West Sumatra | 5.6 | 1.1 | 1.3 | 0.8 | 1.8 | 3.1 | 7.3 | 56.2 | 0.9 | 1.3 | 0.4 | 0 | 0 | 2.1 | 670 |
| Riau | 7.2 | 1.4 | 1.2 | 2.3 | 1.3 | 5.4 | 4.1 | 52.1 | 3.2 | 0.8 | 0.1 | 0.2 | 0.5 | 0.4 | 815 |
| Jambi | 3.3 | 0.3 | 1.4 | 1.4 | 2.1 | 1.3 | 3.7 | 57.5 | 4.3 | 0.8 | 0.1 | 0 | 0.8 | 0 | 384 |
| South Sumatra | 13.8 | 1.6 | 2.4 | 2.5 | 2.8 | 2.9 | 2.7 | 48.5 | 4.6 | 0.4 | 0.5 | 0 | 0 | 0.3 | 976 |
| Bengkulu | 8.1 | 0.7 | 0.6 | 1.5 | 2.1 | 0.8 | 1.5 | 58.8 | 3.4 | 0 | 0.3 | 0.9 | 0 | 1.0 | 229 |
| Lampung | 12.9 | 0.9 | 0.9 | 1.2 | 1.8 | 1.2 | 4.6 | 52.0 | 3.3 | 0.8 | 0.2 | 0 | 0.1 | 1.2 | 1,032 |
| Bangka Belitung | 15.2 | 1.5 | 4.0 | 0.8 | 1.8 | 2.4 | 2.3 | 50.4 | 3.5 | 1.4 | 0 | 0.3 | 0 | 1.9 | 151 |
| Riau Islands | 13.6 | 1.9 | 2.9 | 1.2 | 2.6 | 1.2 | 4.6 | 52.8 | 1.2 | 0.8 | 0 | 0 | 0 | 0.1 | 249 |
| DKI Jakarta | 8.6 | 1.6 | 2.2 | 2.8 | 2.5 | 2.8 | 3.4 | 54.0 | 1.1 | 1.6 | 0.2 | 0 | 0.2 | 1.2 | 1,080 |
| West Java | 13.6 | 1.8 | 1.9 | 2.4 | 1.7 | 4.0 | 7.7 | 48.6 | 1.7 | 0.4 | 0.1 | 0 | 0.0 | 0.1 | 5,425 |
| Central Java | 7.4 | 1.4 | 2.7 | 2.1 | 1.9 | 2.8 | 4.6 | 53.7 | 2.8 | 0.4 | 0.3 | 0.2 | 0.0 | 0.3 | 3,883 |
| DI Yogyakarta | 11.0 | 3.5 | 1.4 | 3.4 | 1.0 | 2.1 | 1.8 | 57.0 | 1.5 | 0.6 | 0 | 0 | 0 | 0 | 308 |
| East Java | 15.1 | 1.7 | 2.4 | 2.1 | 2.8 | 3.1 | 4.8 | 44.2 | 3.6 | 0.7 | 0.2 | 0.3 | 0.2 | 0.6 | 3,803 |
| Banten | 10.0 | 2.0 | 2.6 | 2.6 | 4.7 | 4.5 | 5.8 | 46.3 | 2.8 | 0.9 | 0 | 0.1 | 0 | 0.6 | 1,298 |
| Bali | 14.4 | 1.5 | 2.7 | 4.2 | 2.3 | 1.9 | 2.4 | 52.5 | 1.7 | 0 | 0.1 | 0 | 0 | 0 | 450 |
| West Nusa Tenggara | 9.1 | 1.4 | 1.9 | 1.1 | 0.7 | 1.3 | 2.2 | 53.1 | 5.7 | 0.4 | 0.0 | 0 | 0.5 | 0.7 | 715 |
| East Nusa Tenggara | 7.2 | 0.9 | 1.8 | 1.6 | 1.8 | 2.0 | 4.1 | 51.6 | 4.2 | 1.3 | 1.1 | 0 | 0.2 | 1.2 | 807 |
| West Kalimantan | 8.5 | 0.9 | 1.2 | 1.4 | 3.0 | 1.0 | 3.9 | 51.0 | 3.6 | 0.9 | 0.5 | 0.6 | 0 | 1.4 | 565 |
| Central Kalimantan | 9.5 | 1.0 | 1.8 | 1.9 | 0.8 | 2.1 | 4.4 | 52.3 | 5.1 | 0.4 | 0.2 | 0.2 | 0 | 0.2 | 345 |
| South Kalimantan | 11.0 | 0.7 | 3.9 | 1.5 | 1.9 | 2.9 | 3.3 | 50.4 | 1.8 | 0.7 | 0.3 | 0.3 | 0.2 | 0.8 | 485 |
| East Kalimantan | 9.0 | 1.2 | 4.0 | 1.9 | 2.4 | 3.1 | 4.1 | 53.7 | 3.2 | 0.7 | 0.7 | 0 | 0.5 | 0.1 | 425 |
| North Kalimantan | 5.8 | 1.2 | 2.6 | 4.1 | 3.1 | 0 | 2.1 | 52.7 | 4.3 | 0.2 | 0 | 0.7 | 0 | 0 | 89 |
| North Sulawesi | 15.5 | 1.8 | 2.9 | 1.7 | 2.6 | 2.2 | 2.8 | 44.9 | 3.3 | 1.3 | 0 | 0.0 | 0 | 1.3 | 287 |
| Central Sulawesi | 18.9 | 0.9 | 2.2 | 1.6 | 1.9 | 4.8 | 3.9 | 42.8 | 1.7 | 0.8 | 0.2 | 0.3 | 0 | 0.2 | 406 |
| South Sulawesi | 14.3 | 2.2 | 3.1 | 3.1 | 2.1 | 2.2 | 2.0 | 46.6 | 2.6 | 0.6 | 0.2 | 0.1 | 0.0 | 0.5 | 1,104 |
| Southeast Sulawesi | 17.4 | 1.2 | 3.3 | 1.9 | 4.0 | 3.2 | 3.6 | 41.8 | 3.6 | 0.6 | 0.1 | 0.0 | 0.1 | 0.4 | 367 |
| Gorontalo | 17.0 | 3.3 | 5.7 | 1.2 | 2.4 | 2.2 | 6.0 | 39.1 | 2.3 | 1.0 | 1.1 | 0 | 0 | 0.2 | 152 |
| West Sulawesi | 9.0 | 0.7 | 1.2 | 0.6 | 0.9 | 1.5 | 3.2 | 57.8 | 2.1 | 0.4 | 0.2 | 0 | 0 | 0.7 | 210 |
| Maluku | 8.5 | 1.0 | 1.9 | 2.7 | 2.8 | 4.6 | 3.8 | 45.5 | 5.7 | 1.0 | 0.4 | 0.2 | 0.1 | 0.2 | 247 |
| North Maluku | 8.1 | 0.8 | 2.5 | 3.7 | 2.2 | 2.2 | 3.1 | 49.7 | 1.6 | 1.0 | 0.4 | 0.3 | 0.6 | 1.4 | 161 |
| Papua | 8.7 | 2.0 | 2.6 | 1.0 | 3.7 | 4.7 | 4.1 | 47.9 | 3.9 | 1.6 | 0.2 | 0 | 0.2 | 0.9 | 88 |
| South Papua | 23.9 | 2.2 | 2.2 | 2.3 | 3.0 | 2.5 | 5.1 | 33.7 | 4.1 | 1.1 | 0.2 | 0 | 0.2 | 0.6 | 91 |
| Central Papua | 10.9 | 2.7 | 2.2 | 2.1 | 4.7 | 2.5 | 3.5 | 38.7 | 6.8 | 0.7 | 0.7 | 0.2 | 0 | 2.4 | 157 |
| Highland Papua | 5.7 | 1.4 | 3.1 | 1.3 | 1.8 | 5.2 | 7.9 | 37.5 | 11.5 | 0.3 | 0 | 0.2 | 0.7 | 0.9 | 92 |
| West Papua | 0.8 | 0 | 0.4 | 2.1 | 5.6 | 11.3 | 8.9 | 31.9 | 0.6 | 1.3 | 0.4 | 0.7 | 0.9 | 2.3 | 134 |
| Southwest Papua | 2.8 | 0 | 0 | 1.2 | 1.3 | 5.8 | 2.2 | 25.4 | 13.3 | 0.3 | 0 | 0.1 | 0 | 3.5 | 109 |
| INDONESIA | 11.7 | 1.5 | 2.1 | 2.2 | 2.3 | 3.0 | 4.7 | 49.2 | 3.1 | 0.7 | 0.2 | 0.1 | 0.1 | 0.6 | 30,333 |

Table 14.78 Proportion of Age at First Introduction of Foods Other Than Breast Milk and Complementary Foods (CF) by Characteristic, 2023 SKI

| Characteristic | Age at First Introduction of Foods Other Than Breast Milk (%) | | | | | | | Age at First Introduction of Complementary Foods (CF) (%) | | | | | | | N Weighted N |
|---|---|-----------|----------|----------|----------|----------|----------|---|----------|----------|----------|-----------|-----------|-------------|-----------------|
| | 0-7 days | 8-29 days | 1 months | 2 months | 3 months | 4 months | 5 months | 6 months | 7 months | 8 months | 9 months | 10 months | 11 months | ≥ 12 months | |
| Age Range | | | | | | | | | | | | | | | |
| 0 – 5 months | 16.4 | 2.5 | 2.6 | 2.9 | 1.6 | 1.2 | 2.2 | 42 | 0.2 | 0.0 | 0.0 | 0 | 0 | 0.1 | 6,698 |
| 6 – 11 months | 11.5 | 1.2 | 1.8 | 2.1 | 2.6 | 3.2 | 6.0 | 61.3 | 3.5 | 0.8 | 0.2 | 0.1 | 0.1 | 0.1 | 7,378 |
| 12 – 23 months | 9.9 | 1.2 | 2.1 | 1.9 | 2.4 | 3.7 | 5.2 | 62.3 | 4.0 | 0.9 | 0.4 | 0.2 | 0.2 | 1.0 | 16,257 |
| Sex | | | | | | | | | | | | | | | |
| Male | 11.4 | 1.6 | 2.1 | 2.3 | 2.4 | 3.2 | 4.9 | 49.3 | 2.9 | 0.9 | 0.2 | 0.2 | 0.1 | 0.6 | 15,542 |
| Female | 12.0 | 1.4 | 2.2 | 2.1 | 2.1 | 2.9 | 4.5 | 49.2 | 3.3 | 0.5 | 0.2 | 0.1 | 0.1 | 0.5 | 14,791 |
| HoH Education | | | | | | | | | | | | | | | |
| Never attended school | 9.9 | 1.1 | 1.8 | 1.7 | 3.0 | 3.7 | 6.4 | 38.7 | 4.4 | 1.1 | 1.0 | 0.1 | 0.2 | 0.8 | 643 |
| Some primary school | 11.6 | 1.2 | 2.2 | 2.3 | 2.6 | 5.7 | 5.0 | 44.8 | 2.3 | 0.6 | 0.5 | 0.2 | 0.6 | 1,032 | |
| Primary school graduate | 11.4 | 2.0 | 2.7 | 2.2 | 1.9 | 3.4 | 5.2 | 46.1 | 3.7 | 1.0 | 0.3 | 0.1 | 0.2 | 0.8 | 5,251 |
| Junior secondary school graduate | 11.3 | 1.2 | 1.6 | 2.1 | 2.4 | 3.5 | 4.9 | 49.2 | 3.1 | 0.8 | 0.1 | 0.2 | 0.2 | 0.4 | 5,938 |
| Senior secondary school graduate | 12.3 | 1.7 | 2.2 | 2.4 | 2.3 | 2.6 | 4.6 | 49.5 | 2.9 | 0.5 | 0.3 | 0.0 | 0.1 | 0.6 | 12,691 |
| D1/D2/D3/university graduate | 11.2 | 0.8 | 2.1 | 1.8 | 2.2 | 2.5 | 3.9 | 54.4 | 2.6 | 0.7 | 0.2 | 0.2 | 0.1 | 0.5 | 4,778 |
| Mother's Education | | | | | | | | | | | | | | | |
| Never attended school | 7.9 | 0.5 | 1.6 | 1.4 | 2.1 | 4.1 | 6.5 | 42.7 | 5.5 | 0.3 | 0.7 | 0 | 0.2 | 1.6 | 489 |
| Some primary school | 8.8 | 0.9 | 1.3 | 2.8 | 4.2 | 4.5 | 4.3 | 43.6 | 3.8 | 1.9 | 0.2 | 0.2 | 0 | 0.4 | 983 |
| Primary school graduate | 10.5 | 1.8 | 2.1 | 2.1 | 1.8 | 3.9 | 6.1 | 48.1 | 4.1 | 1.0 | 0.3 | 0.1 | 0.2 | 0.5 | 4,409 |
| Junior secondary school graduate | 11.3 | 1.2 | 2.4 | 1.8 | 1.8 | 3.3 | 5.2 | 49.0 | 3.1 | 0.6 | 0.2 | 0.2 | 0.1 | 0.7 | 6,412 |
| Senior secondary school graduate | 12.8 | 1.4 | 2.0 | 2.3 | 2.2 | 2.9 | 4.1 | 49.6 | 2.6 | 0.6 | 0.2 | 0.0 | 0.1 | 0.5 | 11,175 |
| D1/D2/D3/university graduate | 11.2 | 1.5 | 2.4 | 2.1 | 2.8 | 1.8 | 4.0 | 52.6 | 2.7 | 0.4 | 0.2 | 0.2 | 0.1 | 0.5 | 5,132 |
| HoH Occupation | | | | | | | | | | | | | | | |
| Unemployed | 13.0 | 1.9 | 3.2 | 2.6 | 3.0 | 3.0 | 4.0 | 43.0 | 3.1 | 0.8 | 0.2 | 0.2 | 0.1 | 0.7 | 769 |
| Student | 6.5 | 0.6 | 1.0 | 0.7 | 4.9 | 1.2 | 0.8 | 64.1 | 5.9 | 0 | 0 | 0 | 0 | 0.2 | 79 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 12.0 | 1.6 | 2.5 | 2.9 | 1.9 | 3.0 | 3.3 | 51.3 | 3.2 | 0.5 | 0.0 | 0.0 | 0.0 | 0.3 | 1,798 |
| Private employee | 13.0 | 1.4 | 2.1 | 2.6 | 2.5 | 2.7 | 4.6 | 50.8 | 1.8 | 0.9 | 0.3 | 0.2 | 0.1 | 0.5 | 6,613 |
| Self-employed | 11.7 | 1.5 | 2.0 | 1.8 | 1.7 | 2.7 | 4.4 | 51.4 | 3.2 | 0.4 | 0.1 | 0.1 | 0.2 | 0.7 | 8,894 |
| Farmer/farm worker | 10.3 | 1.3 | 2.1 | 1.7 | 2.1 | 3.9 | 5.5 | 46.9 | 3.5 | 0.8 | 0.4 | 0.1 | 0.2 | 0.8 | 5,835 |
| Fisher | 10.1 | 1.0 | 2.3 | 4.8 | 3.1 | 1.8 | 3.9 | 46.2 | 4.7 | 1.3 | 0.7 | 0 | 0.1 | 1.1 | 663 |
| Labor	driver/domestic help | 10.8 | 1.5 | 2.0 | 2.3 | 2.9 | 3.8 | 5.7 | 47.2 | 3.2 | 0.8 | 0.2 | 0.2 | 0.1 | 0.3 | 4,378 |
| Others | 14.0 | 1.8 | 2.6 | 2.2 | 2.8 | 2.1 | 4.1 | 45.8 | 4.7 | 0.6 | 0.4 | 0 | 0 | 0.4 | 1,305 |
| Mother's Employment Status | | | | | | | | | | | | | | | |
| Employed | 11.4 | 1.3 | 2.3 | 2.4 | 2.6 | 2.8 | 4.4 | 50.0 | 3.4 | 0.6 | 0.3 | 0.1 | 0.1 | 0.5 | 10,396 |
| Unemployed | 11.7 | 1.5 | 2.0 | 2.0 | 2.0 | 3.1 | 4.9 | 49.1 | 2.9 | 0.7 | 0.2 | 0.1 | 0.1 | 0.6 | 18,204 |
| Residence | | | | | | | | | | | | | | | |
| Urban | 12.7 | 1.5 | 2.2 | 2.5 | 2.5 | 3.0 | 5.0 | 49.2 | 2.5 | 0.7 | 0.3 | 0.1 | 0.1 | 0.5 | 17,324 |
| Rural | 10.4 | 1.4 | 2.1 | 1.8 | 2.0 | 3.1 | 4.3 | 49.3 | 3.8 | 0.7 | 0.2 | 0.1 | 0.1 | 0.7 | 13,009 |
| Economic Status | | | | | | | | | | | | | | | |
| Lowest | 10.2 | 1.3 | 1.5 | 2.1 | 2.6 | 3.6 | 5.2 | 46.9 | 3.7 | 0.9 | 0.4 | 0.1 | 0.2 | 1.0 | 3,605 |
| Lower middle | 11.1 | 1.5 | 2.3 | 2.5 | 2.1 | 3.1 | 4.8 | 47.2 | 3.7 | 1.0 | 0.3 | 0.2 | 0.2 | 0.7 | 5,068 |
| Middle | 11.0 | 1.2 | 2.5 | 2.0 | 2.3 | 3.2 | 4.8 | 49.9 | 2.9 | 0.5 | 0.2 | 0.1 | 0.0 | 0.5 | 6,468 |
| Upper middle | 12.4 | 1.6 | 2.2 | 2.2 | 2.1 | 3.2 | 4.4 | 48.6 | 3.1 | 0.7 | 0.2 | 0.1 | 0.1 | 0.4 | 7,438 |
| Highest | 12.7 | 1.6 | 2.0 | 2.2 | 2.3 | 2.5 | 4.8 | 51.7 | 2.4 | 0.5 | 0.2 | 0.1 | 0.2 | 0.5 | 7,751 |

Table 14.79 Proportion of First Introduced Foods Other Than Breast Milk and Complementary Foods (CF) by Province, 2023 SKI

| Province | Types of First Introduced Foods Other Than Breast Milk and CF (%) | | | | | | | | | N Weighted N |
|--------------------|---|------------------|------------------|-------------|-------------------------------------|------------|--------------|--|-------------|-------------------|
| | Formula milk | Non-formula milk | Formula porridge | Biscuits | Rice porridge/ strained porridge | Rice water | Mashed fruit | Mashed rice, rice porridge, mashed side dishes | Fruit juice | |
| Aceh | 45.8 | 1.4 | 17.1 | 31.0 | 18.8 | 3.3 | 38.6 | 46.1 | 17.5 | 1.6 637 |
| North Sumatra | 57.2 | 3.9 | 21.8 | 29.8 | 22.1 | 4.7 | 29.7 | 40.2 | 17.0 | 0.9 1,907 |
| West Sumatra | 36.5 | 3.3 | 35.4 | 36.7 | 21.9 | 5.5 | 35.5 | 37.6 | 21.7 | 2.3 670 |
| Riau | 41.1 | 1.6 | 30.2 | 33.9 | 20.9 | 3.9 | 36.5 | 42.4 | 22.0 | 1.6 815 |
| Jambi | 39.9 | 3.0 | 37.2 | 32.4 | 22.4 | 3.7 | 40.7 | 44.6 | 22.3 | 0.7 384 |
| South Sumatra | 52.2 | 3.3 | 31.2 | 29.0 | 18.2 | 2.5 | 25.8 | 33.4 | 16.3 | 2.4 976 |
| Bengkulu | 45.7 | 6.1 | 33.8 | 43.2 | 32.1 | 8.9 | 44.1 | 52.9 | 28.6 | 0.5 229 |
| Lampung | 36.2 | 3.2 | 33.0 | 27.0 | 20.7 | 0.8 | 29.3 | 35.8 | 15.0 | 1.5 1,032 |
| Bangka Belitung | 58.1 | 1.4 | 19.6 | 33.5 | 32.7 | 1.9 | 37.1 | 37.8 | 20.5 | 1.7 151 |
| Riau Islands | 49.6 | 2.2 | 37.2 | 22.5 | 17.0 | 0.6 | 26.4 | 28.9 | 16.6 | 2.1 249 |
| DKI Jakarta | 39.3 | 1.0 | 31.3 | 27.8 | 22.4 | 1.2 | 40.0 | 32.6 | 19.9 | 4.4 1,080 |
| West Java | 37.1 | 2.2 | 32.2 | 23.4 | 22.1 | 2.1 | 29.3 | 24.3 | 15.8 | 3.8 5,425 |
| Central Java | 32.9 | 2.0 | 30.4 | 27.5 | 23.3 | 2.2 | 38.8 | 34.2 | 18.4 | 4.6 3,883 |
| DI Yogyakarta | 35.8 | 3.6 | 17.9 | 15.5 | 17.5 | 1.1 | 34.7 | 33.7 | 11.9 | 6.4 308 |
| East Java | 43.1 | 1.7 | 30.2 | 23.6 | 16.3 | 5.9 | 29.5 | 26.5 | 11.8 | 2.7 3,803 |
| Banten | 35.9 | 2.2 | 30.5 | 27.7 | 16.2 | 2.1 | 27.7 | 25.7 | 13.9 | 2.1 1,298 |
| Bali | 47.1 | 2.1 | 22.9 | 14.0 | 22.9 | 2.2 | 31.8 | 23.5 | 11.1 | 0.9 450 |
| West Nusa Tenggara | 22.5 | 1.0 | 27.9 | 17.0 | 17.4 | 1.6 | 28.3 | 31.3 | 9.6 | 2.7 715 |
| East Nusa Tenggara | 39.4 | 3.2 | 14.9 | 21.3 | 31.0 | 4.8 | 26.6 | 36.0 | 7.1 | 4.1 807 |
| West Kalimantan | 45.8 | 3.8 | 26.1 | 25.7 | 33.9 | 3.4 | 26.7 | 37.3 | 14.2 | 1.6 565 |
| Central Kalimantan | 47.7 | 5.2 | 36.1 | 36.4 | 22.1 | 3.1 | 40.5 | 37.3 | 19.1 | 1.3 345 |
| South Kalimantan | 44.9 | 3.4 | 29.5 | 25.8 | 20.7 | 1.8 | 29.6 | 34.5 | 11.6 | 2.0 485 |
| East Kalimantan | 47.4 | 4.7 | 30.0 | 25.4 | 20.2 | 2.2 | 32.8 | 34.6 | 15.4 | 2.6 425 |
| North Kalimantan | 47.5 | 1.8 | 22.7 | 17.3 | 16.0 | 1.5 | 23.2 | 34.0 | 10.3 | 1.5 89 |
| North Sulawesi | 64.9 | 2.3 | 27.5 | 20.5 | 19.3 | 0.7 | 25.6 | 19.5 | 8.4 | 1.3 287 |
| Central Sulawesi | 49.8 | 2.0 | 21.5 | 19.6 | 23.9 | 2.1 | 21.3 | 22.1 | 5.9 | 1.3 406 |
| South Sulawesi | 45.0 | 3.4 | 19.9 | 17.4 | 15.1 | 2.5 | 24.0 | 29.4 | 7.2 | 2.4 1,104 |
| Southeast Sulawesi | 47.0 | 2.9 | 24.6 | 17.3 | 16.8 | 0.9 | 22.6 | 27.6 | 5.8 | 3.0 367 |
| Gorontalo | 58.3 | 0.7 | 30.1 | 8.3 | 9.3 | 0.3 | 8.7 | 13.8 | 2.6 | 0.7 152 |
| West Sulawesi | 34.0 | 4.5 | 20.7 | 20.0 | 18.6 | 3.8 | 31.6 | 44.5 | 8.0 | 3.5 210 |
| Maluku | 45.3 | 7.6 | 25.1 | 18.6 | 29.2 | 5.8 | 22.4 | 23.7 | 5.4 | 2.8 247 |
| North Maluku | 45.7 | 4.6 | 31.0 | 24.1 | 24.3 | 2.9 | 25.6 | 29.3 | 7.6 | 2.5 161 |
| Papua | 55.7 | 3.6 | 26.4 | 27.6 | 30.9 | 2.4 | 27.8 | 31.3 | 14.8 | 2.2 88 |
| South Papua | 61.5 | 6.3 | 24.9 | 13.7 | 16.9 | 0.9 | 14.6 | 19.5 | 2.4 | 1.0 91 |
| Central Papua | 55.3 | 6.4 | 25.8 | 28.6 | 33.4 | 1.2 | 33.6 | 36.3 | 18.3 | 2.2 157 |
| Highland Papua | 47.2 | 2.9 | 19.1 | 24.3 | 17.2 | 1.8 | 18.5 | 31.5 | 6.4 | 4.9 92 |
| West Papua | 29.5 | 3.7 | 19.8 | 37.3 | 21.6 | 4.5 | 32.3 | 35.2 | 9.8 | 4.2 134 |
| Southwest Papua | 22.0 | 9.6 | 13.5 | 19.2 | 21.0 | 0.6 | 31.8 | 30.0 | 8.9 | 8.6 109 |
| INDONESIA | 41.3 | 2.6 | 28.6 | 25.4 | 21.1 | 3.0 | 31.1 | 31.4 | 14.7 | 2.9 30,333 |

Table 14.80 Proportion of First Introduced Foods Other Than Breast Milk and Complementary Foods (CF) by Characteristic, 2023 SKI

| Characteristic | Types of First Introduced Foods Other Than Breast Milk and CF (%) | | | | | | | | | N | Weighted N |
|---|---|------------------|------------------|----------|---------------------------------|------------|--------------|--|-------------|-----|------------|
| | Formula milk | Non-formula milk | Formula porridge | Biscuits | Rice porridge/strained porridge | Rice water | Mashed fruit | Mashed rice, rice porridge, mashed side dishes | Fruit juice | | |
| Age Range | | | | | | | | | | | |
| 0 – 5 months | 27.5 | 0.7 | 3.7 | 2.9 | 2.6 | 0.6 | 3.6 | 3.1 | 1.9 | 2.1 | 6,698 |
| 6 – 11 months | 42.4 | 2.5 | 35.6 | 29.3 | 24.4 | 3.2 | 36.2 | 36.5 | 16.7 | 3.6 | 7,378 |
| 12 – 23 months | 46.5 | 3.4 | 35.6 | 32.9 | 27.1 | 3.9 | 40.0 | 40.8 | 19.1 | 2.8 | 16,257 |
| Sex | | | | | | | | | | | |
| Male | 42.4 | 2.6 | 28.4 | 25.4 | 20.5 | 3.1 | 30.8 | 31.3 | 14.3 | 2.9 | 15,542 |
| Female | 40.1 | 2.5 | 28.7 | 25.4 | 21.6 | 2.9 | 31.3 | 31.6 | 15.2 | 2.9 | 14,791 |
| HoH Education | | | | | | | | | | | |
| Never attended school | 39.3 | 5.9 | 22.9 | 25.5 | 18.7 | 7.5 | 26.7 | 30.1 | 9.1 | 2.4 | 643 |
| Some primary school | 37.4 | 2.6 | 29.0 | 24.5 | 20.6 | 4.6 | 30.4 | 30.6 | 8.7 | 3.6 | 1,032 |
| Primary school graduate | 37.4 | 2.9 | 28.0 | 24.0 | 20.9 | 3.9 | 27.7 | 30.9 | 11.5 | 3.7 | 5,251 |
| Junior secondary school graduate | 36.8 | 2.4 | 31.2 | 27.6 | 21.5 | 2.8 | 29.8 | 31.1 | 14.5 | 3.2 | 5,938 |
| Senior secondary school graduate | 43.7 | 2.5 | 28.3 | 24.8 | 20.2 | 2.7 | 32.0 | 30.9 | 15.7 | 2.5 | 12,691 |
| D1/D2/D3/university graduate | 45.7 | 2.4 | 27.5 | 25.9 | 23.5 | 2.1 | 34.6 | 33.9 | 17.9 | 2.5 | 4,778 |
| Mother's Education | | | | | | | | | | | |
| Never attended school | 36.6 | 4.4 | 24.6 | 31.2 | 25.0 | 5.9 | 29.5 | 37.1 | 9.8 | 4.0 | 489 |
| Some primary school | 34.2 | 3.0 | 30.1 | 22.6 | 17.9 | 2.9 | 29.8 | 30.3 | 10.8 | 3.1 | 983 |
| Primary school graduate | 34.8 | 2.6 | 31.9 | 25.6 | 21.1 | 4.4 | 29.5 | 30.6 | 12.6 | 3.4 | 4,409 |
| Junior secondary school graduate | 36.6 | 2.7 | 29.6 | 26.2 | 20.9 | 2.6 | 29.4 | 31.1 | 13.5 | 3.3 | 6,412 |
| Senior secondary school graduate | 43.1 | 2.3 | 28.3 | 25.3 | 20.3 | 2.9 | 32.2 | 31.2 | 15.0 | 2.5 | 11,175 |
| D1/D2/D3/university graduate | 47.4 | 2.4 | 25.0 | 24.3 | 22.4 | 2.1 | 33.3 | 33.0 | 18.6 | 2.6 | 5,132 |
| HoH Occupation | | | | | | | | | | | |
| Unemployed | 42.1 | 1.2 | 27.9 | 22.9 | 17.6 | 3.3 | 28.6 | 26.1 | 10.7 | 4.1 | 769 |
| Student | 23.4 | 1.3 | 47.2 | 18.5 | 23.2 | 7.8 | 36.2 | 50.7 | 13.0 | 0.5 | 79 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 50.0 | 2.6 | 26.6 | 26.0 | 22.7 | 1.9 | 33.3 | 32.3 | 17.8 | 1.8 | 1,798 |
| Private employee | 43.9 | 2.3 | 28.7 | 23.7 | 21.6 | 2.0 | 33.3 | 29.7 | 16.6 | 2.9 | 6,613 |
| Self-employed | 41.2 | 2.8 | 29.8 | 27.6 | 20.2 | 3.1 | 32.2 | 32.2 | 16.1 | 3.0 | 8,894 |
| Farmer/farm worker | 37.2 | 3.5 | 25.6 | 25.0 | 21.8 | 4.4 | 29.3 | 34.9 | 11.8 | 2.9 | 5,835 |
| Fisher | 43.6 | 2.9 | 27.6 | 24.4 | 21.0 | 2.1 | 25.5 | 36.2 | 11.9 | 2.2 | 663 |
| Labor/driver/domestic help | 38.2 | 1.7 | 31.2 | 25.5 | 21.1 | 2.9 | 29.0 | 27.6 | 13.2 | 3.3 | 4,378 |
| Others | 44.2 | 2.4 | 26.5 | 22.4 | 19.6 | 3.5 | 27.2 | 30.2 | 13.6 | 1.9 | 1,305 |
| Mother's Employment Status | | | | | | | | | | | |
| Employed | 45.9 | 2.8 | 27.7 | 25.5 | 21.8 | 3.0 | 32.1 | 32.4 | 16.0 | 2.8 | 10,396 |
| Unemployed | 37.7 | 2.3 | 29.1 | 25.3 | 20.4 | 2.9 | 30.8 | 30.9 | 14.0 | 2.9 | 18,204 |
| Residence | | | | | | | | | | | |
| Urban | 43.1 | 2.1 | 28.6 | 24.2 | 20.8 | 2.3 | 32.0 | 29.3 | 15.5 | 3.0 | 17,324 |
| Rural | 38.9 | 3.3 | 28.5 | 27.0 | 21.4 | 4.0 | 29.8 | 34.2 | 13.7 | 2.7 | 13,009 |
| Economic Status | | | | | | | | | | | |
| Lowest | 36.0 | 3.1 | 24.4 | 25.3 | 22.1 | 3.6 | 27.6 | 34.1 | 8.6 | 3.6 | 3,605 |
| Lower middle | 37.5 | 3.3 | 29.6 | 24.8 | 20.2 | 4.2 | 28.9 | 30.9 | 12.8 | 3.0 | 5,068 |
| Middle | 38.6 | 3.2 | 31.1 | 26.0 | 21.4 | 3.2 | 30.7 | 31.1 | 14.2 | 2.6 | 6,468 |
| Upper middle | 42.3 | 2.1 | 29.4 | 24.9 | 19.6 | 2.5 | 30.3 | 30.1 | 15.3 | 2.8 | 7,438 |
| Highest | 47.5 | 1.9 | 27.0 | 25.9 | 22.2 | 2.3 | 35.1 | 32.1 | 18.7 | 2.8 | 7,751 |

Table 14.81 Proportion of Age at Which Foods Other Than Breast Milk and Complementary Foods (CF) Were Regularly Given by Province, 2023 SKI

| Province | Age at Which Foods Other Than Breast Milk Were Regularly Given (%) | | | | | | Age at Which CF Were Regularly Given (%) | | | | | | | Weighted N | |
|--------------------|--|------------|------------|------------|------------|------------|--|-------------|------------|------------|------------|------------|------------|-------------|---------------|
| | 0-7 days | 8-29 days | 1 months | 2 months | 3 months | 4 months | 5 months | 6 months | 7 months | 8 months | 9 months | 10 months | 11 month | ≥ 12 months | |
| Aceh | 4.1 | 1.5 | 1.4 | 1.6 | 2.3 | 2.6 | 4.6 | 40.6 | 15.5 | 4.1 | 0.6 | 0.1 | 1.4 | 1.5 | 637 |
| North Sumatra | 5.6 | 0.5 | 0.9 | 1.7 | 1.5 | 1.8 | 2.5 | 46.5 | 13.0 | 4.5 | 1.0 | 0.6 | 0.2 | 2.0 | 1,907 |
| West Sumatra | 1.7 | 0.8 | 0.9 | 0.5 | 1.7 | 1.6 | 4.5 | 53.5 | 7.7 | 3.9 | 2.2 | 0.1 | 0.1 | 2.7 | 670 |
| Riau | 2.9 | 0.4 | 0.6 | 1.3 | 0.8 | 3.1 | 3.0 | 47.1 | 10.6 | 3.3 | 2.1 | 0.4 | 0.7 | 2.1 | 815 |
| Jambi | 2.2 | 0.3 | 1.1 | 0.5 | 0.6 | 0.8 | 2.8 | 43.2 | 16.4 | 6.6 | 1.9 | 0.8 | 1.1 | 1.0 | 384 |
| South Sumatra | 6.4 | 1.0 | 1.4 | 1.3 | 2.0 | 1.4 | 2.3 | 45.7 | 12.1 | 4.7 | 1.5 | 0.6 | 0.5 | 1.4 | 976 |
| Bengkulu | 2.6 | 0.7 | 0.5 | 1.3 | 1.4 | 0.3 | 2.0 | 51.6 | 14.7 | 2.6 | 0.8 | 1.0 | 0 | 2.1 | 229 |
| Lampung | 5.2 | 1.2 | 1.1 | 0.8 | 0.6 | 1.0 | 3.0 | 51.8 | 9.2 | 2.7 | 1.6 | 1.0 | 0.4 | 1.6 | 1,032 |
| Bangka Belitung | 6.0 | 1.7 | 1.5 | 1.3 | 1.5 | 2.8 | 2.8 | 46.1 | 12.5 | 5.7 | 0.4 | 0.7 | 0.8 | 3.6 | 151 |
| Riau Islands | 1.7 | 0.3 | 2.6 | 0.6 | 0.5 | 0.9 | 2.6 | 52.2 | 9.2 | 1.2 | 3.0 | 1.7 | 0.9 | 1.0 | 249 |
| DKI Jakarta | 1.9 | 0.9 | 2.6 | 0.9 | 3.3 | 1.0 | 1.8 | 54.8 | 7.0 | 2.8 | 0.5 | 0.8 | 0.2 | 3.4 | 1,080 |
| West Java | 4.8 | 1.1 | 1.1 | 0.9 | 0.9 | 2.5 | 6.1 | 55.2 | 6.2 | 2.3 | 0.7 | 0.6 | 0.1 | 0.8 | 5,425 |
| Central Java | 2.5 | 0.6 | 1.5 | 1.6 | 0.9 | 1.7 | 2.9 | 51.7 | 9.9 | 3.2 | 1.4 | 0.7 | 0.3 | 1.0 | 3,883 |
| DI Yogyakarta | 4.6 | 1.4 | 0.8 | 2.1 | 0.6 | 0.7 | 1.8 | 50.4 | 8.2 | 4.6 | 2.4 | 0.8 | 0 | 2.8 | 308 |
| East Java | 6.2 | 1.4 | 1.2 | 1.5 | 1.4 | 1.6 | 2.9 | 48.2 | 9.5 | 2.8 | 1.8 | 0.5 | 0.3 | 1.2 | 3,803 |
| Banten | 3.9 | 1.1 | 1.5 | 2.1 | 2.9 | 4.0 | 2.6 | 49.8 | 6.9 | 3.2 | 2.0 | 0.4 | 0.2 | 1.5 | 1,298 |
| Bali | 4.2 | 1.1 | 0.9 | 0.9 | 1.3 | 1.2 | 1.8 | 56.8 | 9.5 | 2.5 | 0.8 | 0.6 | 0.4 | 0.7 | 450 |
| West Nusa Tenggara | 3.1 | 1.1 | 0.9 | 0.5 | 0.2 | 0.9 | 1.7 | 47.3 | 14.7 | 3.7 | 1.7 | 0.9 | 0.6 | 1.4 | 715 |
| East Nusa Tenggara | 2.9 | 0.5 | 1.0 | 1.2 | 1.5 | 1.3 | 3.0 | 46.4 | 9.9 | 3.8 | 2.4 | 0.7 | 0.8 | 2.9 | 807 |
| West Kalimantan | 5.1 | 0.3 | 1.1 | 1.7 | 2.1 | 0.9 | 3.8 | 46.4 | 10.6 | 1.9 | 2.1 | 1.0 | 0.4 | 2.2 | 565 |
| Central Kalimantan | 2.4 | 1.6 | 0.8 | 1.2 | 0.4 | 1.1 | 2.7 | 50.0 | 13.6 | 3.4 | 2.0 | 0.5 | 0.5 | 1.4 | 345 |
| South Kalimantan | 4.8 | 1.5 | 1.7 | 1.0 | 1.7 | 1.9 | 2.8 | 45.9 | 8.5 | 2.8 | 1.0 | 1.0 | 0.9 | 3.4 | 485 |
| East Kalimantan | 3.6 | 0.5 | 1.8 | 1.5 | 1.6 | 2.0 | 1.9 | 46.4 | 14.5 | 4.9 | 2.6 | 0.6 | 0.8 | 0.9 | 425 |
| North Kalimantan | 1.1 | 0.2 | 1.7 | 1.1 | 1.3 | 0 | 1.1 | 51.3 | 11.5 | 1.8 | 3.2 | 0.5 | 0.3 | 0.4 | 89 |
| North Sulawesi | 9.4 | 0.9 | 3.2 | 1.1 | 1.2 | 0.9 | 2.7 | 47.3 | 9.4 | 2.1 | 0.4 | 0.3 | 0.6 | 2.0 | 287 |
| Central Sulawesi | 6.7 | 0.9 | 2.0 | 1.5 | 1.2 | 3.5 | 3.7 | 44.8 | 9.3 | 2.8 | 1.7 | 0.2 | 0.0 | 0.9 | 406 |
| South Sulawesi | 5.7 | 2.0 | 2.0 | 2.0 | 1.6 | 1.8 | 1.4 | 53.3 | 6.2 | 2.6 | 1.0 | 0.5 | 0.3 | 0.9 | 1,104 |
| Southeast Sulawesi | 6.6 | 1.4 | 2.5 | 1.9 | 3.1 | 2.1 | 2.4 | 44.2 | 7.5 | 3.1 | 1.6 | 1.6 | 0.5 | 1.4 | 367 |
| Gorontalo | 6.2 | 3.0 | 3.0 | 1.7 | 1.8 | 1.5 | 6.3 | 47.4 | 5.4 | 2.6 | 1.2 | 0 | 0.2 | 0.4 | 152 |
| West Sulawesi | 2.9 | 0.6 | 2.0 | 0.9 | 1.1 | 1.8 | 3.2 | 50.8 | 10.6 | 3.1 | 1.2 | 0.4 | 0 | 1.0 | 210 |
| Maluku | 3.4 | 1.0 | 1.0 | 1.7 | 2.1 | 3.7 | 2.7 | 42.4 | 9.1 | 3.8 | 3.3 | 0.6 | 0.9 | 3.1 | 247 |
| North Maluku | 2.6 | 1.3 | 1.3 | 2.3 | 1.2 | 1.1 | 2.0 | 47.2 | 8.1 | 4.4 | 0.8 | 1.3 | 0.3 | 5.1 | 161 |
| Papua | 6.4 | 0.7 | 0.9 | 0.5 | 2.9 | 2.4 | 5.0 | 38.4 | 11.5 | 4.4 | 3.1 | 0.9 | 0.4 | 2.9 | 88 |
| South Papua | 13.5 | 2.9 | 3.2 | 1.8 | 2.2 | 2.3 | 2.6 | 34.4 | 12.1 | 2.9 | 2.2 | 0.1 | 0.4 | 1.8 | 91 |
| Central Papua | 5.7 | 1.1 | 0.6 | 1.3 | 2.5 | 1.6 | 2.2 | 40.6 | 5.9 | 7.6 | 2.7 | 0.2 | 0.4 | 3.7 | 157 |
| Highland Papua | 2.9 | 0 | 2.8 | 0.4 | 1.0 | 1.4 | 3.8 | 28.0 | 24.4 | 3.2 | 1.8 | 0.2 | 0.4 | 4.9 | 92 |
| West Papua | 0.5 | 0 | 0.4 | 2.0 | 3.1 | 7.9 | 9.8 | 24.8 | 7.3 | 5.1 | 0.3 | 0.2 | 0.7 | 4.5 | 134 |
| Southwest Papua | 0 | 0 | 0 | 0.9 | 1.3 | 2.5 | 3.4 | 23.2 | 8.4 | 7.3 | 2.6 | 0.1 | 0.2 | 2.1 | 109 |
| INDONESIA | 4.4 | 1.0 | 1.3 | 1.3 | 1.4 | 1.9 | 3.4 | 49.8 | 9.4 | 3.2 | 1.4 | 0.6 | 0.4 | 1.5 | 30,333 |

Table 14.82 Proportion of Age at Which Foods Other Than Breast Milk and CF Were Regularly Given by Characteristic, 2023 SKI

| Characteristic | Age at Which Foods Other Than Breast Milk Were Regularly Given (%) | | | | | | | | | | | | N | | |
|---|--|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|------------|--------|
| | 0-7 days | 8-29 days | 1 months | 2 months | 3 months | 4 months | 5 months | 6 months | 7 months | 8 months | 9 months | 10 months | 11 months | Weighted N | |
| Age Range | | | | | | | | | | | | | | | |
| 0-5 months | 9.5 | 2.6 | 2.7 | 2.6 | 1.4 | 1.1 | 2.2 | 3.9 | 0.9 | 0.1 | 0.1 | 0.1 | 0.1 | 6,698 | |
| 6-11 months | 3.3 | 0.5 | 1.2 | 0.9 | 1.4 | 2.1 | 3.7 | 64.8 | 11.6 | 3.5 | 0.8 | 0.4 | 0.2 | 0.4 | 7,378 |
| 12-23 months | 2.8 | 0.6 | 0.9 | 1.0 | 1.4 | 2.2 | 3.7 | 61.8 | 11.9 | 4.3 | 2.2 | 1.0 | 0.6 | 2.7 | 16,257 |
| Sex | | | | | | | | | | | | | | | |
| Male | 4.4 | 1.0 | 1.4 | 1.2 | 1.5 | 1.9 | 3.5 | 50.0 | 9.1 | 3.4 | 1.5 | 0.6 | 0.4 | 1.5 | 15,542 |
| Female | 4.4 | 1.1 | 1.3 | 1.5 | 1.3 | 1.9 | 3.2 | 49.5 | 9.7 | 3.0 | 1.3 | 0.6 | 0.3 | 1.5 | 14,791 |
| HoH Education | | | | | | | | | | | | | | | |
| Never attended school | 4.9 | 0.6 | 1.2 | 0.8 | 1.6 | 2.1 | 4.8 | 38.8 | 11.7 | 3.3 | 2.2 | 0.6 | 0.3 | 1.7 | 643 |
| Some primary school | 4.7 | 1.0 | 1.6 | 1.4 | 2.1 | 4.5 | 4.7 | 46.9 | 6.4 | 3.0 | 2.5 | 0.4 | 0.2 | 1.2 | 1,032 |
| Primary school graduate | 4.6 | 1.3 | 1.5 | 1.3 | 1.3 | 2.0 | 4.3 | 46.8 | 9.4 | 2.9 | 1.8 | 0.7 | 0.5 | 1.7 | 5,251 |
| Junior secondary school graduate | 4.8 | 0.7 | 0.9 | 1.2 | 1.6 | 2.5 | 3.1 | 49.7 | 8.5 | 3.2 | 1.3 | 0.6 | 0.6 | 1.4 | 5,938 |
| Senior secondary school graduate | 4.3 | 1.2 | 1.4 | 1.4 | 1.2 | 1.5 | 3.2 | 50.4 | 10.3 | 3.0 | 1.1 | 0.6 | 0.3 | 1.6 | 12,691 |
| D1/D2/D3/university graduate | 4.0 | 0.8 | 1.6 | 1.5 | 1.5 | 1.6 | 2.6 | 53.4 | 8.6 | 3.9 | 1.4 | 0.6 | 0.3 | 1.3 | 4,778 |
| Mother's Education | | | | | | | | | | | | | | | |
| Never attended school | 4.0 | 0.5 | 1.5 | 0.9 | 1.9 | 4.6 | 4.2 | 36.7 | 13.1 | 3.0 | 2.2 | 0.8 | 0.3 | 2.8 | 489 |
| Some primary school | 3.1 | 0.5 | 1.0 | 1.2 | 3.0 | 4.0 | 4.1 | 44.8 | 9.0 | 3.9 | 1.7 | 0.5 | 0.1 | 1.0 | 983 |
| Primary school graduate | 3.9 | 1.2 | 1.3 | 1.2 | 1.2 | 2.3 | 4.7 | 48.0 | 9.6 | 3.4 | 2.3 | 0.8 | 0.5 | 1.4 | 4,409 |
| Junior secondary school graduate | 4.3 | 0.8 | 1.3 | 1.1 | 1.2 | 2.1 | 3.5 | 49.8 | 9.9 | 2.9 | 1.2 | 0.5 | 0.6 | 1.6 | 6,412 |
| Senior secondary school graduate | 4.6 | 0.8 | 1.2 | 1.2 | 1.2 | 1.7 | 3.2 | 50.6 | 9.5 | 3.0 | 1.2 | 0.6 | 0.2 | 1.5 | 11,175 |
| D1/D2/D3/university graduate | 4.3 | 1.4 | 1.7 | 1.7 | 1.6 | 1.1 | 2.2 | 52.8 | 8.4 | 3.6 | 1.1 | 0.8 | 0.3 | 1.5 | 5,132 |
| HoH Occupation | | | | | | | | | | | | | | | |
| Unemployed | 4.4 | 1.4 | 1.2 | 2.0 | 2.3 | 1.5 | 3.4 | 49.3 | 6.4 | 1.3 | 0.8 | 0.8 | 0.2 | 1.9 | 769 |
| Student | 1.5 | 0.6 | 4.6 | 0.7 | 0.5 | 3.3 | 1.1 | 53.8 | 7.5 | 9.2 | 0.5 | 0.7 | 0.2 | 0.2 | 79 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 4.3 | 1.0 | 1.8 | 2.1 | 1.4 | 1.5 | 2.7 | 52.2 | 8.7 | 3.9 | 0.8 | 0.4 | 0.3 | 1.4 | 1,798 |
| Private employee | 4.3 | 0.8 | 1.5 | 1.6 | 1.4 | 1.6 | 3.0 | 53.5 | 8.3 | 2.9 | 1.3 | 0.5 | 0.3 | 1.6 | 6,613 |
| Self-employed | 4.4 | 1.1 | 1.1 | 1.2 | 1.1 | 1.8 | 2.8 | 50.1 | 10.3 | 3.2 | 1.1 | 0.7 | 0.4 | 1.7 | 8,894 |
| Farmer/farm worker | 3.8 | 0.9 | 1.4 | 1.1 | 1.4 | 2.2 | 4.5 | 45.4 | 10.0 | 3.6 | 2.0 | 0.6 | 0.4 | 1.6 | 5,835 |
| Fisher | 4.7 | 1.0 | 1.0 | 0.8 | 1.1 | 1.4 | 3.3 | 47.2 | 10.2 | 3.4 | 3.1 | 0.4 | 0.4 | 2.2 | 663 |
| Labor	driver/domestic help | 4.3 | 1.1 | 1.1 | 1.4 | 1.7 | 2.7 | 4.1 | 49.9 | 8.7 | 2.8 | 1.2 | 0.9 | 0.4 | 0.9 | 4,378 |
| Others | 8.2 | 1.5 | 1.5 | 1.0 | 1.7 | 1.2 | 2.6 | 45.1 | 11.3 | 3.9 | 2.3 | 0.3 | 0.2 | 1.3 | 1,305 |
| Mother's Employment Status | | | | | | | | | | | | | | | |
| Employed | 4.3 | 1.1 | 1.5 | 1.4 | 1.6 | 1.7 | 3.0 | 50.8 | 9.6 | 3.5 | 1.4 | 0.6 | 0.4 | 1.7 | 10,396 |
| Unemployed | 4.3 | 0.9 | 1.2 | 1.2 | 1.2 | 2.0 | 3.5 | 49.5 | 9.4 | 3.0 | 1.4 | 0.6 | 0.4 | 1.4 | 18,204 |
| Residence | | | | | | | | | | | | | | | |
| Urban | 4.5 | 1.1 | 1.5 | 1.5 | 1.4 | 1.8 | 3.5 | 51.4 | 8.5 | 3.0 | 1.3 | 0.6 | 0.3 | 1.5 | 17,324 |
| Rural | 4.2 | 0.9 | 1.2 | 1.1 | 1.4 | 2.0 | 3.1 | 47.5 | 10.7 | 3.4 | 1.5 | 0.6 | 0.4 | 1.6 | 13,009 |
| Economic Status | | | | | | | | | | | | | | | |
| Lowest | 3.9 | 0.8 | 0.8 | 1.2 | 1.8 | 2.1 | 4.3 | 45.8 | 9.1 | 3.5 | 2.1 | 0.8 | 0.6 | 2.1 | 3,605 |
| Lowest | 3.8 | 1.0 | 1.3 | 1.7 | 1.4 | 2.6 | 3.2 | 47.4 | 10.1 | 3.3 | 1.5 | 0.7 | 0.4 | 1.9 | 5,068 |
| Lower middle | 4.3 | 0.9 | 1.4 | 1.2 | 1.5 | 1.7 | 3.3 | 49.4 | 10.1 | 3.3 | 1.3 | 0.5 | 0.3 | 1.4 | 6,468 |
| Middle | 5.1 | 1.0 | 1.4 | 1.1 | 1.0 | 2.0 | 3.5 | 49.1 | 10.0 | 3.0 | 1.5 | 0.5 | 0.3 | 1.3 | 7,438 |
| Upper middle | 4.4 | 1.2 | 1.6 | 1.5 | 1.5 | 1.4 | 2.9 | 54.1 | 8.0 | 3.0 | 0.9 | 0.7 | 0.4 | 1.4 | 7,751 |

Table 14.83 Proportion of Types of Foods Other Than Breast Milk and Complementary Foods (CF) Routinely Given by Province, 2023 SKI

| Province | Types of Foods Routinely Given (%) | | | | | | | | | | Weighted N |
|--------------------|------------------------------------|------------------|------------------|-------------|---------------------------------|------------|--------------|--|-------------|------------|---------------|
| | Formula milk | Non-formula milk | Formula porridge | Biscuits | Rice porridge/strained porridge | Rice water | Mashed fruit | Mashed rice, rice porridge, mashed side dishes | Fruit juice | Others | |
| Aceh | 43.5 | 1.8 | 19.2 | 44.5 | 24.4 | 3.2 | 49.2 | 60.5 | 27.9 | 1.6 | 637 |
| North Sumatra | 50.6 | 4.7 | 24.6 | 46.0 | 29.1 | 5.6 | 42.4 | 60.8 | 23.2 | 0.8 | 1,907 |
| West Sumatra | 35.3 | 3.7 | 39.0 | 48.4 | 28.0 | 5.9 | 50.5 | 53.9 | 27.2 | 2.4 | 670 |
| Riau | 40.0 | 3.4 | 33.3 | 47.3 | 27.5 | 3.8 | 46.3 | 56.6 | 27.4 | 1.0 | 815 |
| Jambi | 42.3 | 4.9 | 44.7 | 46.0 | 27.4 | 4.3 | 54.7 | 60.6 | 30.7 | 0.5 | 384 |
| South Sumatra | 50.4 | 4.0 | 39.7 | 39.6 | 24.8 | 3.8 | 36.1 | 50.0 | 23.9 | 1.1 | 976 |
| Bengkulu | 42.4 | 8.0 | 35.9 | 56.5 | 38.4 | 10.5 | 51.4 | 65.9 | 31.1 | 0.1 | 229 |
| Lampung | 32.6 | 3.8 | 39.7 | 37.2 | 25.5 | 1.4 | 43.4 | 49.7 | 21.9 | 0.8 | 1,032 |
| Bangka Belitung | 57.1 | 1.3 | 27.0 | 51.9 | 43.5 | 2.0 | 51.9 | 54.0 | 27.4 | 1.0 | 151 |
| Riau Islands | 40.8 | 2.6 | 40.9 | 37.7 | 27.9 | 1.0 | 44.7 | 54.5 | 28.2 | 1.6 | 249 |
| DKI Jakarta | 39.9 | 1.5 | 43.3 | 49.0 | 30.9 | 1.7 | 58.0 | 57.5 | 28.1 | 4.6 | 1,080 |
| West Java | 31.8 | 3.1 | 43.0 | 42.1 | 35.3 | 2.9 | 48.8 | 47.6 | 24.6 | 3.0 | 5,425 |
| Central Java | 31.8 | 2.2 | 39.2 | 45.7 | 33.5 | 2.1 | 55.4 | 55.3 | 27.1 | 3.5 | 3,883 |
| DI Yogyakarta | 32.0 | 2.2 | 24.4 | 34.8 | 22.8 | 2.8 | 49.8 | 56.8 | 24.8 | 5.4 | 308 |
| East Java | 38.9 | 2.1 | 39.1 | 39.2 | 24.8 | 6.0 | 43.3 | 49.1 | 20.7 | 2.3 | 3,803 |
| Banten | 30.9 | 1.7 | 40.6 | 45.2 | 21.8 | 2.2 | 48.7 | 47.2 | 22.0 | 2.9 | 1,298 |
| Bali | 35.1 | 1.5 | 29.7 | 31.3 | 29.8 | 3.0 | 48.1 | 45.5 | 19.1 | 1.2 | 450 |
| West Nusa Tenggara | 21.0 | 1.9 | 32.3 | 33.5 | 26.4 | 1.8 | 38.8 | 52.2 | 16.1 | 1.7 | 715 |
| East Nusa Tenggara | 38.9 | 4.4 | 15.4 | 29.0 | 34.9 | 5.7 | 33.6 | 46.5 | 9.0 | 3.9 | 807 |
| West Kalimantan | 45.1 | 5.0 | 30.1 | 36.7 | 43.5 | 3.7 | 35.1 | 51.8 | 21.8 | 1.9 | 565 |
| Central Kalimantan | 49.0 | 6.7 | 44.6 | 48.5 | 31.2 | 3.1 | 49.1 | 53.1 | 23.8 | 1.7 | 345 |
| South Kalimantan | 40.9 | 4.8 | 33.1 | 34.8 | 22.5 | 2.3 | 37.0 | 46.5 | 13.6 | 1.2 | 485 |
| East Kalimantan | 46.9 | 4.6 | 32.7 | 36.4 | 24.4 | 2.1 | 38.8 | 55.7 | 19.4 | 1.4 | 425 |
| North Kalimantan | 45.9 | 1.8 | 30.6 | 30.4 | 25.2 | 1.0 | 38.7 | 52.4 | 18.2 | 0.9 | 89 |
| North Sulawesi | 61.7 | 4.0 | 36.9 | 34.2 | 27.8 | 2.0 | 33.3 | 30.8 | 11.7 | 1.4 | 287 |
| Central Sulawesi | 44.5 | 2.4 | 23.1 | 31.5 | 32.5 | 2.0 | 29.7 | 37.0 | 10.1 | 0.9 | 406 |
| South Sulawesi | 41.5 | 3.5 | 25.7 | 31.4 | 21.1 | 2.6 | 37.7 | 45.7 | 10.9 | 2.3 | 1,104 |
| Southeast Sulawesi | 42.7 | 3.5 | 30.6 | 28.8 | 22.7 | 1.1 | 31.7 | 42.1 | 10.4 | 2.1 | 367 |
| Gorontalo | 51.6 | 0.6 | 44.2 | 18.2 | 16.3 | 1.3 | 19.4 | 23.1 | 5.2 | 0.9 | 152 |
| West Sulawesi | 34.7 | 5.3 | 22.9 | 32.7 | 22.5 | 5.1 | 40.1 | 56.0 | 14.1 | 5.4 | 210 |
| Maluku | 42.8 | 6.3 | 26.9 | 30.0 | 38.2 | 6.4 | 29.2 | 42.9 | 8.4 | 2.5 | 247 |
| North Maluku | 44.6 | 5.1 | 31.6 | 39.0 | 34.4 | 3.9 | 34.3 | 46.1 | 14.1 | 3.3 | 161 |
| Papua | 53.0 | 4.9 | 29.2 | 42.9 | 41.2 | 2.8 | 37.2 | 46.6 | 19.0 | 1.6 | 88 |
| South Papua | 57.7 | 4.1 | 31.8 | 30.0 | 27.4 | 2.3 | 22.9 | 29.2 | 6.9 | 1.5 | 91 |
| Central Papua | 54.0 | 9.1 | 31.6 | 33.9 | 37.9 | 2.1 | 40.2 | 48.8 | 19.6 | 1.6 | 157 |
| Highland Papua | 49.0 | 2.0 | 18.9 | 36.1 | 21.2 | 2.8 | 24.9 | 46.6 | 12.0 | 5.3 | 92 |
| West Papua | 26.5 | 3.8 | 20.8 | 41.6 | 24.7 | 4.6 | 30.8 | 44.6 | 14.5 | 4.6 | 134 |
| Southwest Papua | 21.5 | 12.6 | 17.0 | 19.3 | 25.6 | 1.1 | 36.8 | 22.2 | 10.1 | 8.0 | 109 |
| INDONESIA | 38.0 | 3.2 | 35.8 | 40.8 | 29.5 | 3.4 | 45.3 | 50.8 | 22.0 | 2.4 | 30,333 |

Table 14.84 Proportion of Types of Foods Other Than Breast Milk and CF Routinely Given by Characteristic, 2023 SKI

| Characteristic | Types of Foods Routinely Given (%) | | | | | | | | | Weighted N | |
|---|------------------------------------|------------------|------------------|----------|---------------------------------|------------|--------------|--|-------------|------------|--------|
| | Formula milk | Non-formula milk | Formula porridge | Biscuits | Rice porridge/strained porridge | Rice water | Mashed fruit | Mashed rice, rice porridge, mashed side dishes | Fruit juice | | |
| Age Range | | | | | | | | | | | |
| 0 – 5 months | 21.5 | 0.6 | 4.4 | 4.1 | 3.1 | 0.8 | 4.3 | 3.9 | 2.2 | 1.2 | 6,698 |
| 6 – 11 months | 39.0 | 2.9 | 45.6 | 47.1 | 34.6 | 3.4 | 53.6 | 58.8 | 25.5 | 3.2 | 7,378 |
| 12 – 23 months | 44.3 | 4.4 | 44.3 | 53.0 | 38.1 | 4.6 | 58.4 | 66.5 | 28.6 | 2.5 | 16,257 |
| Sex | | | | | | | | | | | |
| Male | 38.8 | 3.2 | 36.7 | 41.2 | 28.8 | 3.2 | 45.5 | 51.0 | 21.7 | 2.2 | 15,542 |
| Female | 37.2 | 3.2 | 34.9 | 40.3 | 30.3 | 3.7 | 45.1 | 50.6 | 22.4 | 2.7 | 14,791 |
| HoH Education | | | | | | | | | | | |
| Never attended school | 35.3 | 3.8 | 28.7 | 35.4 | 26.2 | 6.6 | 32.6 | 44.7 | 12.4 | 2.4 | 643 |
| Some primary school | 34.1 | 3.0 | 31.0 | 35.3 | 27.9 | 4.1 | 45.4 | 48.5 | 15.2 | 3.4 | 1,032 |
| Primary school graduate | 34.3 | 3.6 | 35.5 | 39.6 | 27.5 | 4.3 | 41.5 | 49.4 | 19.0 | 2.9 | 5,251 |
| Junior secondary school graduate | 33.1 | 3.0 | 38.3 | 42.8 | 30.4 | 3.3 | 43.6 | 50.7 | 20.4 | 2.2 | 5,938 |
| Senior secondary school graduate | 39.9 | 3.1 | 36.3 | 40.5 | 29.1 | 3.1 | 46.7 | 51.5 | 23.1 | 2.4 | 12,691 |
| D1/D2/D3/university graduate | 44.3 | 2.8 | 33.6 | 42.0 | 32.5 | 3.0 | 49.4 | 52.1 | 27.4 | 2.2 | 4,778 |
| Mother's Education | | | | | | | | | | | |
| Never attended school | 33.6 | 4.9 | 28.4 | 40.0 | 26.7 | 5.9 | 35.8 | 51.6 | 12.1 | 3.3 | 489 |
| Some primary school | 31.5 | 3.9 | 33.6 | 34.4 | 28.8 | 5.3 | 42.9 | 50.1 | 17.7 | 2.6 | 983 |
| Primary school graduate | 32.0 | 3.0 | 38.3 | 41.4 | 29.3 | 4.6 | 43.4 | 50.6 | 19.1 | 2.4 | 4,409 |
| Junior secondary school graduate | 32.5 | 3.7 | 37.2 | 41.5 | 28.8 | 3.1 | 43.4 | 51.3 | 20.5 | 2.6 | 6,412 |
| Senior secondary school graduate | 39.1 | 2.8 | 36.5 | 40.8 | 29.1 | 2.9 | 46.8 | 50.4 | 22.4 | 2.2 | 11,175 |
| D1/D2/D3/university graduate | 46.0 | 2.7 | 32.1 | 40.7 | 30.8 | 3.1 | 49.2 | 52.6 | 28.1 | 2.5 | 5,132 |
| HoH Occupation | | | | | | | | | | | |
| Unemployed | 37.1 | 1.8 | 32.9 | 36.6 | 28.8 | 2.3 | 42.8 | 45.8 | 16.3 | 2.8 | 769 |
| Student | 22.6 | 0.9 | 43.7 | 27.0 | 21.2 | 10.1 | 44.7 | 51.2 | 27.9 | 1.9 | 79 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 48.5 | 3.1 | 32.3 | 39.0 | 31.1 | 3.5 | 47.7 | 51.6 | 28.1 | 1.5 | 1,798 |
| Private employee | 39.6 | 3.1 | 40.3 | 42.3 | 31.6 | 2.6 | 49.6 | 52.5 | 25.7 | 2.7 | 6,613 |
| Self-employed | 38.0 | 3.4 | 36.3 | 42.4 | 28.7 | 3.8 | 46.6 | 51.5 | 23.6 | 2.5 | 8,894 |
| Farmer/farm worker | 34.5 | 3.8 | 30.7 | 38.1 | 28.6 | 4.6 | 40.9 | 50.6 | 17.4 | 2.3 | 5,835 |
| Fisher | 39.8 | 3.0 | 29.7 | 36.8 | 26.5 | 2.1 | 35.4 | 51.0 | 12.4 | 2.2 | 663 |
| Labor/driver/domestic help | 34.3 | 2.6 | 38.3 | 42.0 | 30.1 | 2.5 | 44.1 | 48.7 | 19.8 | 2.5 | 4,378 |
| Others | 43.8 | 2.6 | 33.2 | 37.2 | 26.4 | 3.6 | 40.8 | 47.8 | 21.2 | 1.7 | 1,305 |
| Mother's Employment Status | | | | | | | | | | | |
| Employed | 43.5 | 3.2 | 34.9 | 40.5 | 29.8 | 3.8 | 46.5 | 52.0 | 23.7 | 2.4 | 10,396 |
| Unemployed | 33.9 | 3.0 | 36.5 | 41.0 | 29.1 | 3.2 | 45.1 | 50.5 | 21.3 | 2.4 | 18,204 |
| Residence | | | | | | | | | | | |
| Urban | 39.3 | 2.7 | 37.4 | 41.0 | 30.0 | 2.8 | 47.5 | 50.2 | 23.2 | 2.6 | 17,324 |
| Rural | 36.2 | 3.8 | 33.7 | 40.5 | 28.9 | 4.3 | 42.4 | 51.7 | 20.4 | 2.2 | 13,009 |
| Economic Status | | | | | | | | | | | |
| Lowest | 32.6 | 4.0 | 28.1 | 37.4 | 27.7 | 3.9 | 36.3 | 49.5 | 13.2 | 3.0 | 3,605 |
| Lower middle | 34.1 | 3.8 | 36.3 | 40.1 | 28.3 | 4.6 | 42.3 | 49.0 | 18.8 | 2.2 | 5,068 |
| Middle | 36.0 | 3.8 | 37.0 | 41.6 | 28.9 | 3.2 | 45.1 | 50.7 | 20.9 | 2.1 | 6,468 |
| Upper middle | 39.2 | 2.7 | 38.0 | 41.2 | 29.5 | 3.1 | 47.1 | 50.8 | 23.6 | 2.2 | 7,438 |
| Highest | 43.5 | 2.3 | 35.9 | 41.6 | 31.7 | 3.0 | 49.8 | 52.7 | 27.7 | 2.7 | 7,751 |

QUALITY OF COMPLEMENTARY FOODS (CF) FOR CHILDREN AGED 6 - 23 MONTHS

In the 2023 SKI, the quality of complementary foods (CF) for children aged 6-23 months is assessed through five indicators: minimum dietary diversity (MDD), minimum meal frequency (MMF), minimum milk feeding frequency for non-breastfed children (MMFF), minimum acceptable diet (MAD), and consumption of animal protein, namely meat/fish/eggs (Egg And/Or Flesh Food / EFF).

1. Minimum Dietary Diversity (MDD)

Dietary diversity is an approach to assess the adequacy of food diversity consumed in the 24 hours before data collection. A child aged 6-23 months meets the minimum dietary diversity if they consume ≥5 food groups (WHO 2021, WHO 2023).

These five food groups must come from the following 8 food groups:

1. Breast milk (ASI)
2. Cereal, tubers, and their processed products
3. Legumes, nuts, and their processed products
4. Animal-source foods
5. Meat, poultry, fish, seafood, and their processed products
6. Eggs and their processed products
7. Vegetables, fruits, sweet potatoes rich in vitamin A, and their processed products
8. Other fruits and vegetables and their processed products

$$\text{Proportion of Minimum Dietary Diversity in children aged 6-23 months} = \frac{\text{Number of children aged 6-23 months consuming food from 5 or more food groups out of the 8 food groups in the previous 24 hours}}{\text{Total number of children aged 6-23 months}}$$

Table 14.85 Proportion of Minimum Dietary Diversity (MDD) among Children Aged 6-23 Months by Province, 2023 SKI

| Province | Minimum Dietary Diversity** | | | | Weighted N |
|--------------------|-----------------------------|--------------------|------------------|--------------------|---------------|
| | Diverse % | 95% CI | Not diverse % | 95% CI | |
| Aceh | 66.3 | 62.4 - 69.9 | 33.7 | 30.1 - 37.6 | 514 |
| North Sumatra | 65.8 | 61.8 - 69.5 | 34.2 | 30.5 - 38.2 | 1,522 |
| West Sumatra | 62.4 | 58.1 - 66.5 | 37.6 | 33.5 - 41.9 | 528 |
| Riau | 56.5 | 51.7 - 61.2 | 43.5 | 38.8 - 48.3 | 636 |
| Jambi | 67.0 | 60.5 - 72.9 | 33.0 | 27.1 - 39.5 | 300 |
| South Sumatra | 59.7 | 55.1 - 64.2 | 40.3 | 35.8 - 44.9 | 770 |
| Bengkulu | 71.6 | 65.2 - 77.2 | 28.4 | 22.8 - 34.8 | 181 |
| Lampung | 63.3 | 57.8 - 68.4 | 36.7 | 31.6 - 42.2 | 818 |
| Kep. Babel | 55.1 | 47.6 - 62.3 | 44.9 | 37.7 - 52.4 | 125 |
| Riau Islands | 53.2 | 45.1 - 61.1 | 46.8 | 38.9 - 54.9 | 190 |
| D.K.I. Jakarta | 71.3 | 63.6 - 78.0 | 28.7 | 22.0 - 36.4 | 871 |
| West Java | 61.3 | 58.1 - 64.3 | 38.7 | 35.7 - 41.9 | 4,246 |
| Central Java | 67.1 | 64.2 - 70.0 | 32.9 | 30.0 - 35.8 | 2,975 |
| D.I. Yogyakarta | 77.6 | 69.7 - 83.8 | 22.4 | 16.2 - 30.3 | 235 |
| East Java | 62.2 | 58.7 - 65.5 | 37.8 | 34.5 - 41.3 | 2,849 |
| Banten | 60.8 | 55.0 - 66.3 | 39.2 | 33.7 - 45.0 | 1,025 |
| Bali | 57.0 | 51.1 - 62.7 | 43.0 | 37.3 - 48.9 | 351 |
| West Nusa Tenggara | 61.2 | 54.7 - 67.3 | 38.8 | 32.7 - 45.3 | 545 |
| East Nusa Tenggara | 44.8 | 41.4 - 48.3 | 55.2 | 51.7 - 58.6 | 609 |
| West Kalimantan | 60.9 | 55.6 - 65.9 | 39.1 | 34.1 - 44.4 | 444 |
| Central Kalimantan | 63.2 | 57.2 - 68.8 | 36.8 | 31.2 - 42.8 | 279 |
| South Kalimantan | 58.0 | 52.6 - 63.2 | 42.0 | 36.8 - 47.4 | 376 |
| East Kalimantan | 60.1 | 54.2 - 65.8 | 39.9 | 34.2 - 45.8 | 336 |
| North Kalimantan | 52.6 | 45.8 - 59.3 | 47.4 | 40.7 - 54.2 | 68 |
| North Sulawesi | 45.6 | 39.7 - 51.6 | 54.4 | 48.4 - 60.3 | 223 |
| Central Sulawesi | 45.6 | 40.6 - 50.7 | 54.4 | 49.3 - 59.4 | 307 |
| South Sulawesi | 48.6 | 44.8 - 52.5 | 51.4 | 47.5 - 55.2 | 847 |
| Southeast Sulawesi | 48.9 | 44.4 - 53.5 | 51.1 | 46.5 - 55.6 | 282 |
| Gorontalo | 46.0 | 38.5 - 53.6 | 54.0 | 46.4 - 61.5 | 121 |
| West Sulawesi | 63.5 | 57.6 - 69.1 | 36.5 | 30.9 - 42.4 | 159 |
| Maluku | 50.0 | 44.5 - 55.6 | 50.0 | 44.4 - 55.5 | 189 |
| North Maluku | 51.4 | 45.7 - 57.1 | 48.6 | 42.9 - 54.3 | 125 |
| West Papua | 58.6 | 50.6 - 66.1 | 41.4 | 33.9 - 49.4 | 75 |
| Southwest Papua | 44.7 | 37.6 - 52.0 | 55.3 | 48.0 - 62.4 | 69 |
| Papua | 63.2 | 56.4 - 69.5 | 36.8 | 30.5 - 43.6 | 126 |
| South Papua | 45.3 | 36.6 - 54.3 | 54.7 | 45.7 - 63.4 | 74 |
| Central Papua | 35.9 | 27.3 - 45.5 | 64.1 | 54.5 - 72.7 | 114 |
| Highland Papua | 26.0 | 19.7 - 33.6 | 74.0 | 66.4 - 80.3 | 89 |
| INDONESIA | 60.9 | 59.9 - 61.9 | 39.1 | 38.1 - 40.1 | 23,594 |

** Consumption in the Last 24 Hours

Table 14.86 Proportion of Minimum Dietary Diversity (MDD) in Children Aged 6-23 Months by Characteristic, 2023 SKI

| Characteristic | Minimum Dietary Diversity** | | | | Weighted N |
|--|-----------------------------|-------------|-------------|-------------|------------|
| | Diverse | Not Diverse | % | 95% CI | |
| Age Range (months) | | | | | |
| 6 – 11 months | 47.3 | 52.7 | 45.5 - 49.1 | 50.9 - 54.5 | 7,365 |
| 12 – 23 months | 67.1 | 32.9 | 65.9 - 68.3 | 31.7 - 34.1 | 16,229 |
| Sex | | | | | |
| Male | 59.9 | 40.1 | 58.5 - 61.3 | 38.7 - 41.5 | 12,128 |
| Female | 62.0 | 38.0 | 60.5 - 63.4 | 36.6 - 39.5 | 11,466 |
| HoH Education | | | | | |
| Never attended school | 41.7 | 58.3 | 36.3 - 47.4 | 52.6 - 63.7 | 493 |
| Some primary school/Islamic primary school | 47.1 | 52.9 | 42.2 - 52.0 | 48.0 - 57.8 | 791 |
| Primary school/Islamic primary school graduate | 53.2 | 46.8 | 50.6 - 55.8 | 44.2 - 49.4 | 4,047 |
| Junior secondary school/Islamic junior secondary school graduate | 57.8 | 42.2 | 55.5 - 60.1 | 39.9 - 44.5 | 4,664 |
| Senior secondary school/Islamic senior secondary school graduate | 64.1 | 35.9 | 62.5 - 65.6 | 34.4 - 37.5 | 9,801 |
| D1/D2/D3/university graduate | 67.5 | 29.8 | 67.9 - 72.4 | 27.6 - 32.1 | 3,797 |
| Mother's Education | | | | | |
| Never attended school | 48.5 | 51.5 | 41.7 - 55.3 | 44.7 - 58.3 | 399 |
| Some primary school/Islamic primary school | 48.9 | 51.1 | 43.5 - 54.3 | 45.7 - 56.5 | 742 |
| Primary school/Islamic primary school graduate | 54.4 | 45.6 | 51.6 - 57.1 | 42.9 - 48.4 | 3,512 |
| Junior secondary school/Islamic junior secondary school graduate | 57.8 | 42.2 | 55.4 - 60.0 | 40.0 - 44.6 | 4,992 |
| Senior secondary school/Islamic senior secondary school graduate | 62.9 | 37.1 | 61.3 - 64.6 | 35.4 - 38.7 | 8,594 |
| D1/D2/D3/university graduate | 71.6 | 28.4 | 69.5 - 73.5 | 26.5 - 30.5 | 3,999 |
| HoH Occupation | | | | | |
| Unemployed | 52.6 | 47.4 | 46.1 - 59.0 | 41.0 - 53.9 | 601 |
| Student | 63.1 | 36.9 | 44.1 - 78.8 | 21.2 - 55.9 | 70 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 64.9 | 35.1 | 60.8 - 68.8 | 31.2 - 39.2 | 1,426 |
| Private employee | 67.1 | 32.9 | 64.8 - 69.3 | 30.7 - 35.2 | 5,191 |
| Self-employed | 63.3 | 36.7 | 61.4 - 65.1 | 34.9 - 38.6 | 6,868 |
| Farmer | 53.9 | 46.1 | 51.9 - 55.9 | 44.1 - 48.1 | 4,496 |
| Fisher | 48.9 | 51.1 | 42.9 - 54.9 | 45.1 - 57.1 | 524 |
| Labor/driver/domestic help | 57.9 | 42.1 | 54.8 - 60.8 | 39.2 - 45.2 | 3,418 |
| Others | 60.3 | 39.7 | 55.8 - 64.6 | 35.4 - 44.2 | 998 |
| Mother's Employment Status | | | | | |
| Employed | 64.1 | 35.9 | 62.5 - 65.7 | 34.3 - 37.5 | 8,178 |
| Unemployed | 59.6 | 40.4 | 58.2 - 60.9 | 39.1 - 41.8 | 14,060 |
| Residence | | | | | |
| Urban | 63.7 | 36.3 | 62.3 - 65.1 | 34.9 - 37.7 | 13,540 |
| Rural | 57.1 | 42.9 | 55.6 - 58.6 | 41.4 - 44.4 | 10,054 |
| Economic Status | | | | | |
| Lowest | 46.6 | 53.4 | 44.1 - 49.1 | 50.9 - 55.9 | 2,824 |
| Lower middle | 57.0 | 43.0 | 54.6 - 59.5 | 40.5 - 45.4 | 3,936 |
| Middle | 59.3 | 40.7 | 57.1 - 61.4 | 38.6 - 42.9 | 5,019 |
| Upper middle | 63.4 | 36.6 | 61.2 - 65.4 | 34.6 - 38.8 | 5,732 |
| Highest | 69.2 | 30.8 | 67.1 - 71.1 | 28.9 - 32.9 | 6,081 |

** Consumption in the Last 24 Hours

2. Minimum Meal Frequency (MMF) in Children Aged 6-23 Months

Definition:

The description of the number of main meals and snacks consumed by infants who consume solid, semi-solid, or soft foods (including milk for infants not breastfed) in the 24 hours preceding data collection. The minimum meal frequency for breastfed infants aged 6-8 months is ≥ 2 times/day, while for those aged 9-23 months, it is ≥ 3 times/day. Meanwhile, the minimum meal frequency for non-breastfed infants aged 6-23 months is ≥ 4 times/day (WHO 2021, WHO 2023).

$$\text{Proportion of Minimum Meal Frequency} = \frac{\text{Number of children aged 6-23 months consuming food according to age-specific frequency}}{\text{Total number of children aged 6-23 months}}$$

3. Minimum Milk Feeding Frequency for Non-breastfed Children (MMFF) Aged 6-23 Months

Definition:

The description of the frequency of milk feeding in infants who are not breastfed in the 24 hours preceding data collection. The minimum milk feeding frequency for infants aged 6-23 months who are not breastfed is ≥ 2 times/day (WHO 2021, WHO 2023).

$$\text{Proportion of MMFF} = \frac{\text{Number of children aged 6-23 months not breastfed and receiving milk as recommended (≥ 2 times)}}{\text{Total number of children aged 6-23 months not breastfed}}$$

Table 14.87 Proportion of Minimum Meal Frequency (MMF) in Children Aged 6-23 Months by Province, 2023 SKI

| Province | Minimum Meal Frequency** | | | | – Weighted N | |
|--------------------|--------------------------|--------------------|-----------------|--------------------|---------------|--|
| | Appropriate | | Not Appropriate | | | |
| | % | 95% CI | % | 95% CI | | |
| Aceh | 52.5 | 48.7 - 56.4 | 47.5 | 43.6 - 51.3 | 514 | |
| North Sumatra | 53.6 | 49.5 - 57.6 | 46.4 | 42.4 - 50.5 | 1,522 | |
| West Sumatra | 61.6 | 57.3 - 65.8 | 38.4 | 34.2 - 42.7 | 528 | |
| Riau | 57.3 | 52.5 - 61.9 | 42.7 | 38.1 - 47.5 | 636 | |
| Jambi | 41.0 | 35.5 - 46.8 | 59.0 | 53.2 - 64.5 | 300 | |
| South Sumatra | 52.9 | 48.4 - 57.4 | 47.1 | 42.6 - 51.6 | 770 | |
| Bengkulu | 56.7 | 50.0 - 63.1 | 43.3 | 36.9 - 50.0 | 181 | |
| Lampung | 56.0 | 50.8 - 61.1 | 44.0 | 38.9 - 49.2 | 818 | |
| Kep. Babel | 54.7 | 47.1 - 62.0 | 45.3 | 38.0 - 52.9 | 125 | |
| Riau Islands | 64.9 | 56.4 - 72.7 | 35.1 | 27.3 - 43.6 | 190 | |
| DKI Jakarta | 69.1 | 61.4 - 75.8 | 30.9 | 24.2 - 38.6 | 871 | |
| West Java | 67.9 | 64.8 - 70.9 | 32.1 | 29.1 - 35.2 | 4,246 | |
| Central Java | 68.5 | 65.4 - 71.5 | 31.5 | 28.5 - 34.6 | 2,975 | |
| D.I. Yogyakarta | 79.6 | 69.9 - 86.8 | 20.4 | 13.2 - 30.1 | 235 | |
| East Java | 60.0 | 56.6 - 63.2 | 40.0 | 36.8 - 43.4 | 2,849 | |
| Banten | 61.3 | 55.1 - 67.2 | 38.7 | 32.8 - 44.9 | 1,025 | |
| Bali | 78.6 | 73.5 - 82.9 | 21.4 | 17.1 - 26.5 | 351 | |
| West Nusa Tenggara | 63.9 | 58.2 - 69.2 | 36.1 | 30.8 - 41.8 | 545 | |
| East Nusa Tenggara | 51.4 | 47.7 - 55.0 | 48.6 | 45.0 - 52.3 | 609 | |
| West Kalimantan | 57.4 | 52.1 - 62.6 | 42.6 | 37.4 - 47.9 | 444 | |
| Central Kalimantan | 53.9 | 48.0 - 59.7 | 46.1 | 40.3 - 52.0 | 279 | |
| South Kalimantan | 57.0 | 51.8 - 62.0 | 43.0 | 38.0 - 48.2 | 376 | |
| East Kalimantan | 62.6 | 55.7 - 69.0 | 37.4 | 31.0 - 44.3 | 336 | |
| North Kalimantan | 51.6 | 43.7 - 59.4 | 48.4 | 40.6 - 56.3 | 68 | |
| North Sulawesi | 55.2 | 48.8 - 61.5 | 44.8 | 38.5 - 51.2 | 223 | |
| Central Sulawesi | 51.9 | 46.8 - 56.9 | 48.1 | 43.1 - 53.2 | 307 | |
| South Sulawesi | 57.9 | 54.4 - 61.3 | 42.1 | 38.7 - 45.6 | 847 | |
| Southeast Sulawesi | 56.4 | 52.0 - 60.7 | 43.6 | 39.3 - 48.0 | 282 | |
| Gorontalo | 55.7 | 48.6 - 62.6 | 44.3 | 37.4 - 51.4 | 121 | |
| West Sulawesi | 59.4 | 52.7 - 65.7 | 40.6 | 34.3 - 47.3 | 159 | |
| Maluku | 49.0 | 43.8 - 54.2 | 51.0 | 45.8 - 56.2 | 189 | |
| North Maluku | 41.0 | 35.5 - 46.7 | 59.0 | 53.3 - 64.5 | 125 | |
| West Papua | 45.6 | 38.1 - 53.4 | 54.4 | 46.6 - 61.9 | 75 | |
| Southwest Papua | 43.6 | 36.6 - 50.9 | 56.4 | 49.1 - 63.4 | 69 | |
| Papua | 52.5 | 45.1 - 59.8 | 47.5 | 40.2 - 54.9 | 126 | |
| South Papua | 43.4 | 33.4 - 53.9 | 56.6 | 46.1 - 66.6 | 74 | |
| Central Papua | 29.1 | 19.6 - 40.9 | 70.9 | 59.1 - 80.4 | 114 | |
| Highland Papua | 18.5 | 13.9 - 24.0 | 81.5 | 76.0 - 86.1 | 89 | |
| INDONESIA | 60.9 | 59.8 - 61.9 | 39.1 | 38.1 - 40.2 | 23,594 | |

**Consumption in the Last 24 Hours

Table 14.88 Proportion of Minimum Meal Frequency (MMF) in Children Aged 6-23 Months by Characteristic, 2023 SKI

| Characteristic | Minimum Meal Frequency | | | | Weighted N |
|--|------------------------|-------------|------|-------------|------------|
| | % | 95% CI | % | 95% CI | |
| Age Range (months) | | | | | |
| 6 – 11 months | 59.6 | 57.8 - 61.4 | 40.4 | 38.6 - 42.2 | 7,365 |
| 12 – 23 months | 61.4 | 60.2 - 62.6 | 38.6 | 37.4 - 39.8 | 16,229 |
| Sex | | | | | |
| Male | 60.5 | 59.1 - 62.0 | 39.5 | 38.0 - 40.9 | 12,128 |
| Female | 61.2 | 59.7 - 62.6 | 38.8 | 37.4 - 40.3 | 11,466 |
| HoH Education | | | | | |
| Never attended school | 45.2 | 39.6 - 50.9 | 54.8 | 49.1 - 60.4 | 493 |
| Some primary school/Islamic primary school | 54.4 | 49.4 - 59.2 | 45.6 | 40.8 - 50.6 | 791 |
| Primary school/Islamic primary school graduate | 57.6 | 55.0 - 60.0 | 42.4 | 40.0 - 45.0 | 4,047 |
| Junior secondary school/Islamic junior secondary school graduate | 58.1 | 55.8 - 60.3 | 41.9 | 39.7 - 44.2 | 4,664 |
| Senior secondary school/Islamic senior secondary school graduate | 62.2 | 60.6 - 63.8 | 37.8 | 36.2 - 39.4 | 9,801 |
| D1/D2/D3/university graduate | 67.7 | 65.3 - 69.9 | 32.3 | 30.1 - 34.7 | 3,797 |
| Mother's Education | | | | | |
| Never attended school | 44.3 | 37.6 - 51.3 | 55.7 | 48.7 - 62.4 | 399 |
| Some primary school/Islamic primary school | 59.0 | 53.7 - 64.0 | 41.0 | 36.0 - 46.3 | 742 |
| Primary school/Islamic primary school graduate | 57.9 | 55.2 - 60.6 | 42.1 | 39.4 - 44.8 | 3,512 |
| Junior secondary school/Islamic junior secondary school graduate | 58.3 | 56.0 - 60.6 | 41.7 | 39.4 - 44.0 | 4,992 |
| Senior secondary school/Islamic senior secondary school graduate | 63.3 | 61.7 - 64.9 | 36.7 | 35.1 - 38.3 | 8,594 |
| D1/D2/D3/university graduate | 67.2 | 65.0 - 69.3 | 32.8 | 30.7 - 35.0 | 3,999 |
| HoH Occupation | | | | | |
| Unemployed | 59.9 | 53.7 - 65.7 | 40.1 | 34.3 - 46.3 | 601 |
| Student | 50.8 | 32.1 - 69.2 | 49.2 | 30.8 - 67.9 | 70 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 64.2 | 60.5 - 67.8 | 35.8 | 32.2 - 39.5 | 1,426 |
| Private employee | 66.5 | 64.1 - 68.7 | 33.5 | 31.3 - 35.9 | 5,191 |
| Self-employed | 61.1 | 59.2 - 62.9 | 38.9 | 37.1 - 40.8 | 6,868 |
| Farmer | 54.7 | 52.7 - 56.7 | 45.3 | 43.3 - 47.3 | 4,496 |
| Fisher | 55.8 | 49.9 - 61.5 | 44.2 | 38.5 - 50.1 | 524 |
| Labor/driver/domestic help | 59.7 | 56.7 - 62.7 | 40.3 | 37.3 - 43.3 | 3,418 |
| Others | 60.7 | 56.3 - 64.9 | 39.3 | 35.1 - 43.7 | 998 |
| Mother's Employment Status | | | | | |
| Employed | 61.2 | 59.5 - 62.8 | 38.8 | 37.2 - 40.5 | 8,178 |
| Unemployed | 61.8 | 60.4 - 63.1 | 38.2 | 36.9 - 39.6 | 14,060 |
| Residence | | | | | |
| Urban | 64.9 | 63.5 - 66.2 | 35.1 | 33.8 - 36.5 | 13,540 |
| Rural | 55.4 | 53.9 - 56.9 | 44.6 | 43.1 - 46.1 | 10,054 |
| Economic Status | | | | | |
| Lowest | 53.6 | 51.1 - 56.0 | 46.4 | 44.0 - 48.9 | 2,824 |
| Lower middle | 57.2 | 54.9 - 59.6 | 42.8 | 40.4 - 45.1 | 3,936 |
| Middle | 58.9 | 56.7 - 61.0 | 41.1 | 39.0 - 43.3 | 5,019 |
| Upper middle | 62.0 | 59.9 - 64.0 | 38.0 | 36.0 - 40.1 | 5,732 |
| Highest | 67.1 | 65.0 - 69.2 | 32.9 | 30.8 - 35.0 | 6,081 |

**Consumption in the Last 24 Hours

Table 14.89 Proportion of Minimum Milk Feeding Frequency (Formula Milk and Other Milk) in Children Aged 6-23 Months Not Breastfed by Province, 2023 SKI

| Province | Minimum Milk Feeding Frequency** | | | | Weighted N | |
|--------------------|----------------------------------|--------------------|-----------------|--------------------|--------------|--|
| | Appropriate | | Not Appropriate | | | |
| | % | 95% CI | % | 95% CI | | |
| Aceh | 77.5 | 70.1 - 83.4 | 22.5 | 16.6 - 29.9 | 77 | |
| North Sumatra | 83.8 | 78.6 - 88.0 | 16.2 | 12.0 - 21.4 | 336 | |
| West Sumatra | 77.7 | 68.8 - 84.7 | 22.3 | 15.3 - 31.2 | 92 | |
| Riau | 82.8 | 73.6 - 89.3 | 17.2 | 10.7 - 26.4 | 135 | |
| Jambi | 89.0 | 81.0 - 93.9 | 11.0 | 6.1 - 19.0 | 33* | |
| South Sumatra | 86.5 | 79.2 - 91.5 | 13.5 | 8.5 - 20.8 | 170 | |
| Bengkulu | 83.4 | 63.5 - 93.6 | 16.6 | 6.4 - 36.5 | 24* | |
| Lampung | 82.9 | 71.1 - 90.5 | 17.1 | 9.5 - 28.9 | 136 | |
| Kep. Babel | 95.8 | 84.7 - 98.9 | 4.2 | 1.1 - 15.3 | 42* | |
| Riau Islands | 87.8 | 74.5 - 94.6 | 12.2 | 5.4 - 25.5 | 51 | |
| D.K.I. Jakarta | 98.7 | 93.9 - 99.7 | 1.3 | 0.3 - 6.1 | 256 | |
| West Java | 85.5 | 80.2 - 89.5 | 14.5 | 10.5 - 19.8 | 834 | |
| Central Java | 83.3 | 75.8 - 88.8 | 16.7 | 11.2 - 24.2 | 430 | |
| D.I. Yogyakarta | 95.7 | 74.1 - 99.4 | 4.3 | 0.6 - 25.9 | 35* | |
| East Java | 86.8 | 81.0 - 91.0 | 13.2 | 9.0 - 19.0 | 590 | |
| Banten | 80.5 | 69.3 - 88.3 | 19.5 | 11.7 - 30.7 | 215 | |
| Bali | 85.5 | 76.3 - 91.5 | 14.5 | 8.5 - 23.7 | 102 | |
| West Nusa Tenggara | 54.9 | 41.8 - 67.3 | 45.1 | 32.7 - 58.2 | 51 | |
| East Nusa Tenggara | 66.0 | 59.7 - 71.8 | 34.0 | 28.2 - 40.3 | 116 | |
| West Kalimantan | 88.4 | 81.7 - 92.9 | 11.6 | 7.1 - 18.3 | 84 | |
| Central Kalimantan | 86.9 | 76.8 - 93.1 | 13.1 | 6.9 - 23.2 | 65 | |
| South Kalimantan | 92.2 | 85.5 - 95.9 | 7.8 | 4.1 - 14.5 | 94 | |
| East Kalimantan | 91.2 | 84.4 - 95.2 | 8.8 | 4.8 - 15.6 | 106 | |
| North Kalimantan | 85.1 | 70.8 - 93.1 | 14.9 | 6.9 - 29.2 | 19* | |
| North Sulawesi | 92.2 | 84.7 - 96.2 | 7.8 | 3.8 - 15.3 | 93 | |
| Central Sulawesi | 84.4 | 77.0 - 89.7 | 15.6 | 10.3 - 23.0 | 72 | |
| South Sulawesi | 83.7 | 77.7 - 88.3 | 16.3 | 11.7 - 22.3 | 256 | |
| Southeast Sulawesi | 81.2 | 75.5 - 85.7 | 18.8 | 14.3 - 24.5 | 71 | |
| Gorontalo | 80.3 | 70.4 - 87.4 | 19.7 | 12.6 - 29.6 | 42* | |
| West Sulawesi | 75.6 | 57.6 - 87.6 | 24.4 | 12.4 - 42.4 | 27* | |
| Maluku | 78.5 | 70.7 - 84.7 | 21.5 | 15.3 - 29.3 | 51 | |
| North Maluku | 71.0 | 61.0 - 79.3 | 29.0 | 20.7 - 39.0 | 26* | |
| West Papua | 77.8 | 60.6 - 88.9 | 22.2 | 11.1 - 39.4 | 17* | |
| Southwest Papua | 85.6 | 78.7 - 90.6 | 14.4 | 9.4 - 21.3 | 21* | |
| Papua | 93.2 | 88.5 - 96.0 | 6.8 | 4.0 - 11.5 | 38* | |
| South Papua | 85.9 | 72.8 - 93.3 | 14.1 | 6.7 - 27.2 | 13* | |
| Central Papua | 44.3 | 29.3 - 60.5 | 55.7 | 39.5 - 70.7 | 9* | |
| Highland Papua | 47.3 | 29.0 - 66.3 | 52.7 | 33.7 - 71.0 | 10* | |
| INDONESIA | 84.1 | 82.5 - 85.5 | 15.9 | 14.5 - 17.5 | 4,843 | |

*Weighted N < 50

**Consumption in the Last 24 Hours

Table 14.90 Proportion of Minimum Milk Feeding Frequency (Formula Milk And Other Milk) for Children Aged 6-23 Months Who Are Not Breastfed By Characteristic, 2023 SKI

| Characteristic | Minimum Milk Feeding Frequency | | | | Weighted N |
|--|--------------------------------|-------------|------|-------------|------------|
| | % | 95% CI | % | 95% CI | |
| Age Range (months) | | | | | |
| 6 – 11 months | 93.9 | 92.0 - 95.3 | 6.1 | 4.7 - 8.0 | 1,071 |
| 12 – 23 months | 81.8 | 80.0 - 83.5 | 18.2 | 16.5 - 20.0 | 4,691 |
| Sex | | | | | |
| Male | 83.4 | 81.3 - 85.3 | 16.6 | 14.7 - 18.7 | 3,041 |
| Female | 84.8 | 82.6 - 86.8 | 15.2 | 13.2 - 17.4 | 2,721 |
| HoH Education | | | | | |
| Never attended school | 63.9 | 53.8 - 72.9 | 36.1 | 27.1 - 46.2 | 120 |
| Some primary school/Islamic primary school | 70.5 | 59.8 - 79.3 | 29.5 | 20.7 - 40.2 | 177 |
| Primary school/Islamic primary school graduate | 77.0 | 71.5 - 81.7 | 23.0 | 18.3 - 28.5 | 802 |
| Junior secondary school/Islamic junior secondary school graduate | 80.0 | 75.7 - 83.7 | 20.0 | 16.3 - 24.3 | 1,058 |
| Senior secondary school/Islamic senior secondary school graduate | 86.7 | 84.5 - 88.6 | 13.3 | 11.4 - 15.5 | 2,530 |
| D1/D2/D3/university graduate | 91.6 | 89.0 - 93.7 | 8.4 | 6.3 - 11.0 | 1,075 |
| Mother's Education | | | | | |
| Never attended school | 26.9 | 16.9 - 40.0 | 73.1 | 60.0 - 83.1 | 98 |
| Some primary school/Islamic primary school | 22.5 | 15.3 - 31.8 | 77.5 | 68.2 - 84.7 | 164 |
| Primary school/Islamic primary school graduate | 21.6 | 17.2 - 26.6 | 78.4 | 73.4 - 82.8 | 664 |
| Junior secondary school/Islamic junior secondary school graduate | 21.5 | 17.4 - 26.4 | 78.5 | 73.6 - 82.6 | 1,053 |
| Senior secondary school/Islamic senior secondary school graduate | 14.4 | 12.2 - 16.9 | 85.6 | 83.1 - 87.8 | 2,122 |
| D1/D2/D3/university graduate | 8.1 | 6.5 - 10.1 | 91.9 | 89.9 - 93.5 | 1,168 |
| HoH Occupation | | | | | |
| Unemployed | 78.1 | 67.8 - 85.8 | 21.9 | 14.2 - 32.2 | 166 |
| Student | 74.1 | 42.2 - 91.8 | 25.9 | 8.2 - 57.8 | 12* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 92.0 | 88.5 - 94.5 | 8.0 | 5.5 - 11.5 | 463 |
| Private employee | 91.1 | 88.5 - 93.2 | 8.9 | 6.8 - 11.5 | 1,438 |
| Self-employed | 85.6 | 82.2 - 88.4 | 14.4 | 11.6 - 17.8 | 1,569 |
| Farmer | 72.5 | 68.7 - 75.9 | 27.5 | 24.1 - 31.3 | 915 |
| Fisher | 79.2 | 71.2 - 85.5 | 20.8 | 14.5 - 28.8 | 155 |
| Labor/driver/domestic help | 81.5 | 76.2 - 85.9 | 18.5 | 14.1 - 23.8 | 762 |
| Others | 77.3 | 67.3 - 84.9 | 22.7 | 15.1 - 32.7 | 282 |
| Mother's Employment Status | | | | | |
| Employed | 86.2 | 84.0 - 88.1 | 13.8 | 11.9 - 16.0 | 2,219 |
| Unemployed | 82.7 | 80.4 - 84.8 | 17.3 | 15.2 - 19.6 | 3,049 |
| Residence | | | | | |
| Urban | 88.6 | 86.9 - 90.2 | 11.4 | 9.8 - 13.1 | 3,600 |
| Rural | 76.4 | 73.5 - 79.1 | 23.6 | 20.9 - 26.5 | 2,162 |
| Economic Status | | | | | |
| Lowest | 68.4 | 63.7 - 72.7 | 31.6 | 27.3 - 36.3 | 636 |
| Lower middle | 77.0 | 72.3 - 81.1 | 23.0 | 18.9 - 27.7 | 820 |
| Middle | 80.8 | 76.7 - 84.3 | 19.2 | 15.7 - 23.3 | 1,158 |
| Upper middle | 87.5 | 84.5 - 89.9 | 12.5 | 10.1 - 15.5 | 1,377 |
| Highest | 92.5 | 90.0 - 94.4 | 7.5 | 5.6 - 10.0 | 1,769 |

*Weighted N < 50

** Consumption in the Last 24 Hours

4. Minimum Acceptable Diet (MAD)

Definition:

Minimum Acceptable Diet represents the adequacy of feeding practices (quantity and type of food) for children aged 6-23 months. It is a composite index of the indicators MDD (Minimum Dietary Diversity), MMF (Minimum Meal Frequency), and MMFF (Minimum Milk Feeding Frequency for non-breastfed children) according to recommended standards (WHO 2021, WHO 2023).

$$\text{Proportion of MAD for breastfed children} : = \frac{\text{Number of children aged 6-23 months who meet MDD and MMF recommendations}}{\text{Number of children aged 6-23 months}}$$
$$\text{Proportion of MAD for non-breastfed children} : = \frac{\text{Number of children aged 6-23 months who meet MDD and MMF recommendations}}{\text{Number of children aged 6-23 months}}$$

5. Consumption of Animal Protein (Meat/Fish/Eggs) for children aged 6-23 months (Egg And/Or Flesh Food / EFF)

Definition:

Represents the consumption of eggs and/or meat foods by children aged 6–23 months within the 24 hours prior to data collection (WHO 2021, WHO 2023).

$$\text{Proportion of EFF:} = \frac{\text{Number of children aged 6-23 months who consumed eggs, meat, or fish in the previous 24 hours}}{\text{Number of children aged 6-23 months}}$$

Table 14.91 Proportion of Minimum Acceptable Diet (MAD) for children aged 6-23 months by Province, 2023 SKI

| Province | Minimum Acceptable Diet** | | | | Weighted N | |
|--------------------|---------------------------|--------------------|-----------------|--------------------|---------------|--|
| | Appropriate | | Not Appropriate | | | |
| | % | 95% CI | % | 95% CI | | |
| Aceh | 39.5 | 35.8 - 43.2 | 60.5 | 56.8 - 64.2 | 514 | |
| North Sumatra | 40.9 | 37.0 - 44.9 | 59.1 | 55.1 - 63.0 | 1,522 | |
| West Sumatra | 40.7 | 36.2 - 45.4 | 59.3 | 54.6 - 63.8 | 528 | |
| Riau | 35.6 | 31.0 - 40.4 | 64.4 | 59.6 - 69.0 | 636 | |
| Jambi | 30.0 | 25.0 - 35.5 | 70.0 | 64.5 - 75.0 | 300 | |
| South Sumatra | 31.3 | 27.4 - 35.4 | 68.7 | 64.6 - 72.6 | 770 | |
| Bengkulu | 46.3 | 40.2 - 52.4 | 53.7 | 47.6 - 59.8 | 181 | |
| Lampung | 36.3 | 31.4 - 41.5 | 63.7 | 58.5 - 68.6 | 818 | |
| Bangka Belitung | 34.0 | 27.6 - 41.1 | 66.0 | 58.9 - 72.4 | 125 | |
| Riau Islands | 36.9 | 29.2 - 45.4 | 63.1 | 54.6 - 70.8 | 190 | |
| D.K.I. Jakarta | 54.2 | 46.1 - 62.0 | 45.8 | 38.0 - 53.9 | 871 | |
| West Java | 43.4 | 40.1 - 46.7 | 56.6 | 53.3 - 59.9 | 4,246 | |
| Central Java | 47.4 | 44.2 - 50.5 | 52.6 | 49.5 - 55.8 | 2,975 | |
| D.I. Yogyakarta | 64.1 | 54.3 - 72.8 | 35.9 | 27.2 - 45.7 | 235 | |
| East Java | 39.1 | 35.8 - 42.6 | 60.9 | 57.4 - 64.2 | 2,849 | |
| Banten | 39.0 | 33.5 - 44.9 | 61.0 | 55.1 - 66.5 | 1,025 | |
| Bali | 45.9 | 40.3 - 51.6 | 54.1 | 48.4 - 59.7 | 351 | |
| West Nusa Tenggara | 39.9 | 34.3 - 45.7 | 60.1 | 54.3 - 65.7 | 545 | |
| East Nusa Tenggara | 26.0 | 23.0 - 29.2 | 74.0 | 70.8 - 77.0 | 609 | |
| West Kalimantan | 37.6 | 32.7 - 42.7 | 62.4 | 57.3 - 67.3 | 444 | |
| Central Kalimantan | 39.0 | 33.5 - 44.8 | 61.0 | 55.2 - 66.5 | 279 | |
| South Kalimantan | 37.8 | 32.9 - 42.9 | 62.2 | 57.1 - 67.1 | 376 | |
| East Kalimantan | 40.8 | 34.6 - 47.4 | 59.2 | 52.6 - 65.4 | 336 | |
| North Kalimantan | 30.2 | 23.9 - 37.3 | 69.8 | 62.7 - 76.1 | 68 | |
| North Sulawesi | 28.7 | 23.7 - 34.3 | 71.3 | 65.7 - 76.3 | 223 | |
| Central Sulawesi | 27.6 | 23.2 - 32.5 | 72.4 | 67.5 - 76.8 | 307 | |
| South Sulawesi | 28.9 | 25.7 - 32.3 | 71.1 | 67.7 - 74.3 | 847 | |
| Southeast Sulawesi | 30.0 | 26.0 - 34.4 | 70.0 | 65.6 - 74.0 | 282 | |
| Gorontalo | 27.2 | 20.7 - 34.9 | 72.8 | 65.1 - 79.3 | 121 | |
| West Sulawesi | 41.2 | 34.9 - 47.9 | 58.8 | 52.1 - 65.1 | 159 | |
| Maluku | 29.7 | 24.6 - 35.3 | 70.3 | 64.7 - 75.4 | 189 | |
| North Maluku | 26.6 | 21.7 - 32.2 | 73.4 | 67.8 - 78.3 | 125 | |
| West Papua | 28.2 | 22.3 - 34.9 | 71.8 | 65.1 - 77.7 | 75 | |
| Southwest Papua | 24.9 | 19.4 - 31.4 | 75.1 | 68.6 - 80.6 | 69 | |
| Papua | 36.1 | 29.5 - 43.4 | 63.9 | 56.6 - 70.5 | 126 | |
| South Papua | 18.1 | 10.8 - 28.8 | 81.9 | 71.2 - 89.2 | 74 | |
| Central Papua | 12.4 | 7.6 - 19.7 | 87.6 | 80.3 - 92.4 | 114 | |
| Highland Papua | 9.4 | 5.6 - 15.2 | 90.6 | 84.8 - 94.4 | 89 | |
| INDONESIA | 39.7 | 38.7 - 40.8 | 60.3 | 59.2 - 61.3 | 23,594 | |

** Consumption in the Last 24 Hours

Table 14.92 Proportion of Minimum Acceptable Diet (MAD) for Children Aged 6-23 Months by Characteristic, 2023 SKI

| Characteristic | Minimum Acceptable Diet | | | | Weighted N |
|--|-------------------------|-------------|----------------------|-------------|------------|
| | Appropriate % | 95% CI | Not Appropriate % | 95% CI | |
| Age Range (months) | | | | | |
| 6 – 11 months | 32.0 | 30.3 - 33.7 | 68.0 | 66.3 - 69.7 | 7,365 |
| 12 – 23 months | 43.3 | 42.0 - 44.6 | 56.7 | 55.4 - 58.0 | 16,229 |
| Sex | | | | | |
| Male | 38.8 | 37.4 - 40.3 | 61.2 | 59.7 - 62.6 | 12,128 |
| Female | 40.7 | 39.2 - 42.2 | 59.3 | 57.8 - 60.8 | 11,466 |
| HoH Education | | | | | |
| Never attended school | 23.3 | 19.0 - 28.3 | 76.7 | 71.7 - 81.0 | 493 |
| Some primary school/Islamic primary school | 27.3 | 23.3 - 31.6 | 72.7 | 68.4 - 76.7 | 791 |
| Primary school/Islamic primary school graduate | 32.4 | 30.0 - 34.8 | 67.6 | 65.2 - 70.0 | 4,047 |
| Junior secondary school/Islamic junior secondary school graduate | 35.5 | 33.3 - 37.8 | 64.5 | 62.2 - 66.7 | 4,664 |
| Senior secondary school/Islamic senior secondary school graduate | 42.5 | 40.9 - 44.2 | 57.5 | 55.8 - 59.1 | 9,801 |
| D1/D2/D3/university graduate | 50.3 | 47.8 - 52.8 | 49.7 | 47.2 - 52.2 | 3,797 |
| Mother's Education | | | | | |
| Never attended school | 26.0 | 20.1 - 32.9 | 74.0 | 67.1 - 79.9 | 399 |
| Some primary school/Islamic primary school | 32.6 | 27.6 - 38.1 | 67.4 | 61.9 - 72.4 | 742 |
| Primary school/Islamic primary school graduate | 33.3 | 30.7 - 35.9 | 66.7 | 64.1 - 69.3 | 3,512 |
| Junior secondary school/Islamic junior secondary school graduate | 34.9 | 32.7 - 37.1 | 65.1 | 62.9 - 67.3 | 4,992 |
| Senior secondary school/Islamic senior secondary school graduate | 42.2 | 40.5 - 44.0 | 57.8 | 56.0 - 59.5 | 8,594 |
| D1/D2/D3/university graduate | 51.5 | 49.2 - 53.8 | 48.5 | 46.2 - 50.8 | 3,999 |
| HoH Occupation | | | | | |
| Unemployed | 32.5 | 26.8 - 38.7 | 67.5 | 61.3 - 73.2 | 601 |
| Student | 32.4 | 16.2 - 54.2 | 67.6 | 45.8 - 83.8 | 70 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 45.1 | 41.2 - 49.1 | 54.9 | 50.9 - 58.8 | 1,426 |
| Private employee | 47.1 | 44.6 - 49.5 | 52.9 | 50.5 - 55.4 | 5,191 |
| Self-employed | 40.6 | 38.7 - 42.5 | 59.4 | 57.5 - 61.3 | 6,868 |
| Farmer/farm worker | 32.6 | 30.8 - 34.5 | 67.4 | 65.5 - 69.2 | 4,496 |
| Fisher | 29.7 | 24.2 - 35.8 | 70.3 | 64.2 - 75.8 | 524 |
| Labor/driver/domestic help | 37.4 | 34.4 - 40.5 | 62.6 | 59.5 - 65.6 | 3,418 |
| Others | 38.4 | 34.1 - 42.9 | 61.6 | 57.1 - 65.9 | 998 |
| Mother's Employment Status | | | | | |
| Employed | 42.1 | 40.5 - 43.8 | 57.9 | 56.2 - 59.5 | 8,178 |
| Unemployed | 39.1 | 37.7 - 40.5 | 60.9 | 59.5 - 62.3 | 14,060 |
| Residence | | | | | |
| Urban | 43.8 | 42.4 - 45.3 | 56.2 | 54.7 - 57.6 | 13,540 |
| Rural | 34.3 | 32.8 - 35.7 | 65.7 | 64.3 - 67.2 | 10,054 |
| Economic Status | | | | | |
| Lowest | 28.2 | 25.9 - 30.5 | 71.8 | 69.5 - 74.1 | 2,824 |
| Lower middle | 35.0 | 32.7 - 37.4 | 65.0 | 62.6 - 67.3 | 3,936 |
| Middle | 36.5 | 34.4 - 38.7 | 63.5 | 61.3 - 65.6 | 5,019 |
| Upper middle | 41.7 | 39.6 - 43.9 | 58.3 | 56.1 - 60.4 | 5,732 |
| Highest | 49.0 | 46.8 - 51.2 | 51.0 | 48.8 - 53.2 | 6,081 |

**Consumption in the Last 24 Hours

Table 14.93 Proportion of Animal Protein Consumption (Meat/Fish/Eggs) for Children Aged 6-23 Months by Province, 2023 SKI

| Province | Consuming** | | Not Consuming** | | Weighted N |
|--------------------|-------------|--------------------|-----------------|--------------------|---------------|
| | % | 95% CI | % | 95% CI | |
| Aceh | 80.8 | 77.5 – 83.7 | 19.2 | 16.3 – 22.5 | 514 |
| North Sumatra | 83.6 | 80.5 – 86.3 | 16.4 | 13.7 – 19.5 | 1,522 |
| West Sumatra | 82.6 | 79.3 – 85.6 | 17.4 | 14.4 – 20.7 | 528 |
| Riau | 79.1 | 75.0 – 82.7 | 20.9 | 17.3 – 25.0 | 636 |
| Jambi | 82.2 | 76.3 – 86.9 | 17.8 | 13.1 – 23.7 | 300 |
| South Sumatra | 81.4 | 77.3 – 84.9 | 18.6 | 15.1 – 22.7 | 770 |
| Bengkulu | 84.5 | 78.8 – 88.9 | 15.5 | 11.1 – 21.2 | 181 |
| Lampung | 80.2 | 75.7 – 84.0 | 19.8 | 16.0 – 24.3 | 818 |
| Bangka Belitung | 74.1 | 67.1 – 80.1 | 25.9 | 19.9 – 32.9 | 125 |
| Riau Islands | 85.4 | 79.4 – 89.9 | 14.6 | 10.1 – 20.6 | 190 |
| D.K.I. Jakarta | 84.4 | 78.5 – 89.0 | 15.6 | 11.0 – 21.5 | 871 |
| West Java | 78.7 | 76.1 – 81.2 | 21.3 | 18.8 – 23.9 | 4,246 |
| Central Java | 79.3 | 76.4 – 81.8 | 20.7 | 18.2 – 23.6 | 2,975 |
| D.I. Yogyakarta | 88.3 | 82.2 – 92.4 | 11.7 | 7.6 – 17.8 | 235 |
| East Java | 76.9 | 73.9 – 79.7 | 23.1 | 20.3 – 26.1 | 2,849 |
| Banten | 76.9 | 71.7 – 81.5 | 23.1 | 18.5 – 28.3 | 1,025 |
| Bali | 83.5 | 78.8 – 87.4 | 16.5 | 12.6 – 21.2 | 351 |
| West Nusa Tenggara | 80.3 | 74.3 – 85.1 | 19.7 | 14.9 – 25.7 | 545 |
| East Nusa Tenggara | 70.0 | 66.6 – 73.1 | 30.0 | 26.9 – 33.4 | 609 |
| West Kalimantan | 80.7 | 76.0 – 84.6 | 19.3 | 15.4 – 24.0 | 444 |
| Central Kalimantan | 77.5 | 71.9 – 82.2 | 22.5 | 17.8 – 28.1 | 279 |
| South Kalimantan | 76.8 | 72.0 – 81.1 | 23.2 | 18.9 – 28.0 | 376 |
| East Kalimantan | 79.0 | 73.8 – 83.4 | 21.0 | 16.6 – 26.2 | 336 |
| North Kalimantan | 73.1 | 65.6 – 79.5 | 26.9 | 20.5 – 34.4 | 68 |
| North Sulawesi | 64.1 | 57.7 – 70.0 | 35.9 | 30.0 – 42.3 | 223 |
| Central Sulawesi | 71.8 | 66.9 – 76.2 | 28.2 | 23.8 – 33.1 | 307 |
| South Sulawesi | 72.8 | 69.2 – 76.1 | 27.2 | 23.9 – 30.8 | 847 |
| Southeast Sulawesi | 73.5 | 69.5 – 77.1 | 26.5 | 22.9 – 30.5 | 282 |
| Gorontalo | 70.6 | 63.7 – 76.6 | 29.4 | 23.4 – 36.3 | 121 |
| West Sulawesi | 77.6 | 71.5 – 82.8 | 22.4 | 17.2 – 28.5 | 159 |
| Maluku | 72.9 | 67.9 – 77.5 | 27.1 | 22.5 – 32.1 | 189 |
| North Maluku | 72.5 | 67.1 – 77.3 | 27.5 | 22.7 – 32.9 | 125 |
| West Papua | 77.6 | 70.5 – 83.3 | 22.4 | 16.7 – 29.5 | 75 |
| Southwest Papua | 65.1 | 58.3 – 71.3 | 34.9 | 28.7 – 41.7 | 69 |
| Papua | 77.9 | 71.3 – 83.3 | 22.1 | 16.7 – 28.7 | 126 |
| South Papua | 77.6 | 69.6 – 84.0 | 22.4 | 16.0 – 30.4 | 74 |
| Central Papua | 53.9 | 41.8 – 65.6 | 46.1 | 34.4 – 58.2 | 114 |
| Highland Papua | 40.0 | 31.2 – 49.5 | 60.0 | 50.5 – 68.8 | 89 |
| INDONESIA | 78.4 | 77.6 – 79.3 | 21.6 | 20.7 – 22.4 | 23,594 |

**Consumption in the Last 24 Hours

Table 14.94 Proportion of Animal Protein Consumption (Meat/Fish/Eggs) for Children Aged 6-23 Months by Characteristic, 2023 SKI

| Province | Consuming** | | Not Consuming** | | Weighted N |
|--|-------------|-------------|-----------------|-------------|------------|
| | % | 95% CI | % | 95% CI | |
| Age Range | | | | | |
| 6 – 11 months | 63.1 | 61.4 – 64.9 | 36.9 | 35.1 – 38.6 | 7,365 |
| 12 – 23 months | 85.4 | 84.5 – 86.2 | 14.6 | 13.8 – 15.5 | 16,229 |
| Sex | | | | | |
| Male | 78.3 | 77.1 – 79.5 | 21.7 | 20.5 – 22.9 | 12,128 |
| Female | 78.5 | 77.3 – 79.7 | 21.5 | 20.3 – 22.7 | 11,466 |
| HoH Education | | | | | |
| Never attended school | 63.5 | 57.6 – 69.1 | 36.5 | 30.9 – 42.4 | 493 |
| Some primary school/Islamic primary school | 69.8 | 64.9 – 74.2 | 30.2 | 25.8 – 35.1 | 791 |
| Primary school/Islamic primary school graduate | 72.8 | 70.4 – 75.1 | 27.2 | 24.9 – 29.6 | 4,047 |
| Junior secondary school/Islamic junior secondary school graduate | 76.1 | 74.1 – 78.0 | 23.9 | 22.0 – 25.9 | 4,664 |
| Senior secondary school/Islamic senior secondary school graduate | 80.9 | 79.6 – 82.1 | 19.1 | 17.9 – 20.4 | 9,801 |
| D1/D2/D3/university graduate | 84.7 | 82.8 – 86.3 | 15.3 | 13.7 – 17.2 | 3,797 |
| Mother's Education | | | | | |
| Never attended school | 68.4 | 61.4 – 74.6 | 31.6 | 25.4 – 38.6 | 399 |
| Some primary school/Islamic primary school | 70.3 | 65.0 – 75.2 | 29.7 | 24.8 – 35.0 | 742 |
| Primary school/Islamic primary school graduate | 73.5 | 70.9 – 75.8 | 26.5 | 24.2 – 29.1 | 3,512 |
| Junior secondary school/Islamic junior secondary school graduate | 77.2 | 75.2 – 79.0 | 22.8 | 21.0 – 24.8 | 4,992 |
| Senior secondary school/Islamic senior secondary school graduate | 79.9 | 78.5 – 81.2 | 20.1 | 18.8 – 21.5 | 8,594 |
| D1/D2/D3/university graduate | 85.0 | 83.3 – 86.6 | 15.0 | 13.4 – 16.7 | 3,999 |
| HoH Occupation | | | | | |
| Unemployed | 75.0 | 69.6 – 79.7 | 25.0 | 20.3 – 30.4 | 601 |
| Student | 72.2 | 52.5 – 85.9 | 27.8 | 14.1 – 47.5 | 70 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 81.7 | 78.2 – 84.7 | 18.3 | 15.3 – 21.8 | 1,426 |
| Private employee | 83.3 | 81.5 – 84.9 | 16.7 | 15.1 – 18.5 | 5,191 |
| Self-employed | 80.1 | 78.6 – 81.6 | 19.9 | 18.4 – 21.4 | 6,868 |
| Farmer/farm worker | 73.7 | 71.9 – 75.5 | 26.3 | 24.5 – 28.1 | 4,496 |
| Fisher | 74.7 | 69.4 – 79.4 | 25.3 | 20.6 – 30.6 | 524 |
| Labor/driver/domestic help | 74.4 | 71.6 – 77.0 | 25.6 | 23.0 – 28.4 | 3,418 |
| Others | 76.3 | 71.9 – 80.2 | 23.7 | 19.8 – 28.1 | 998 |
| Mother's Employment Status | | | | | |
| Employed | 80.0 | 78.6 – 81.3 | 20.0 | 18.7 – 21.4 | 8,178 |
| Unemployed | 77.9 | 76.7 – 79.0 | 22.1 | 21.0 – 23.3 | 14,060 |
| Residence | | | | | |
| Urban | 80.8 | 79.7 – 81.8 | 19.2 | 18.2 – 20.3 | 13,540 |
| Rural | 75.2 | 73.9 – 76.6 | 24.8 | 23.4 – 26.1 | 10,054 |
| Economic Status | | | | | |
| Lowest | 71.4 | 69.2 – 73.5 | 28.6 | 26.5 – 30.8 | 2,824 |
| Lower middle | 75.5 | 73.2 – 77.6 | 24.5 | 22.4 – 26.8 | 3,936 |
| Middle | 76.7 | 74.7 – 78.5 | 23.3 | 21.5 – 25.3 | 5,019 |
| Upper middle | 79.7 | 77.9 – 81.4 | 20.3 | 18.6 – 22.1 | 5,732 |
| Highest | 83.9 | 82.2 – 85.4 | 16.1 | 14.6 – 17.8 | 6,081 |

**Consumption in the Last 24 Hours

14.7 SUPPLEMENTARY FEEDING FOR TODDLERS

SUPPLEMENTARY FEEDING (PMT) FOR CHILDREN AGED 6-59 MONTHS

The purpose of supplementary feeding is to understand the consumption of additional food and to track the achievement of indicators set by the Ministry of Health's Strategic Plan for 2020–2024. One key indicator is the proportion of underweight children who receive supplementary feeding. Supplementary feeding is a form of nutritional supplementation provided as an additional food or nutrient source, mainly for toddlers with nutritional deficiencies.

Proportion of Children Aged 6-59 Months Receiving PMT, Program Biscuit PMT, Local Food PMT, and Other PMT

The definition of "children receiving PMT" refers to children aged 6-59 months who have received supplementary feeding, whether through program biscuits, local food, or other types of supplementary food within the last 12 months.

$$\text{Proportion of children aged 6-59 months receiving PMT} = \frac{\text{Number of children aged 6-59 months who received PMT in the last 12 months}}{\text{Total number of children aged 6-59 months}}$$

The definition of "children receiving Program Biscuit PMT" refers to children aged 6-59 months who have received program biscuit supplementary feeding within the last 12 months.

$$\text{Proportion of children aged 6-59 months receiving Program Biscuit PMT} = \frac{\text{Number of children aged 6-59 months who received Program Biscuit PMT in the last 12 months}}{\text{Total number of children aged 6-59 months who received PMT in the last 12 months}}$$

The definition of "children receiving Local Food PMT" refers to children aged 6-59 months who have received local food supplementary feeding within the last 12 months.

$$\text{Proportion of children aged 6-59 months receiving Local Food PMT} = \frac{\text{Number of children aged 6-59 months who received Local Food PMT in the last 12 months}}{\text{Total number of children aged 6-59 months who received PMT in the last 12 months}}$$

Definition of “children receiving Other PMT”:

Children aged 6-59 months who received Other PMT not included in the Program Biscuit PMT and Local Food PMT within the last 12 months.

$$\text{Proportion of children aged 6-59 months receiving Other PMT} = \frac{\text{Number of children aged 6-59 months who received Other PMT in the last 12 months}}{\text{Total number of children aged 6-59 months who received PMT in the last 12 months}}$$

Proportion of Reasons for Children Aged 6-59 Months Receiving PMT

Definition of “reasons for children receiving PMT”: The types of reasons children aged 6-59 months received PMT within the last 12 months.

$$\text{Proportion of reasons for children aged 6-59 months receiving PMT} = \frac{\text{Number of children aged 6-59 months by reason for receiving PMT in the last 12 months}}{\text{Total number of children aged 6-59 months who received PMT in the last 12 months}}$$

Proportion of the Amount of Program Biscuit PMT Received and Main Reasons for Not Finishing Among Children Aged 6-59 Months

Definition of “amount of program biscuit PMT received by children”: A specific amount of Program PMT in the form of biscuits received by children aged 6-59 months within the last 12 months.

Categories of the amount of program biscuits received:

1. 0-30 packs of biscuits
2. 31-89 packs of biscuits
3. ≥ 90 packs of biscuits

$$\text{Proportion of the amount of Program Biscuit PMT received by children aged 6-59 months} = \frac{\text{Number of children aged 6-59 months who received Program Biscuit PMT by category of amount received in the last 12 months}}{\text{Total number of children aged 6-59 months who received Program Biscuit PMT in the last 12 months}}$$

Definition of "children not finishing Program Biscuit PMT": Children aged 6-59 months who consumed fewer Program Biscuit PMT than they received over the last 12 months.

$$\text{Proportion of children aged 6-59 months who did not finish Program Biscuit PMT} = \frac{\text{Number of children aged 6-59 months who did not finish Program Biscuit PMT in the last 12 months}}{\text{Total number of children aged 6-59 months who received Program Biscuit PMT}}$$

Definition of "reasons for children not finishing Program Biscuit PMT": The main reasons children aged 6-59 months did not finish the amount of Program Biscuit PMT provided over the last 12 months.

$$\text{Proportion of reasons for children aged 6-59 months not finishing Program Biscuit PMT} = \frac{\text{Number of children aged 6-59 months by main reason for not finishing Program Biscuit PMT in the last 12 months}}{\text{PMT Total number of children aged 6-59 months who did not finish Program Biscuit PMT in the last 12 months}}$$

Table 14.95 Proportion of Children Aged 6-59 Months Receiving PMT, Program Biscuit PMT, Local Food PMT, and Other PMT by Province, 2023 SKI

| Province | Receiving PMT | | Weighted N | Receiving Program Biscuit PMT | | Receiving Local Food PMT | | Receiving Other PMT | | Weighted N |
|--------------------|---------------|--------------------|---------------|-------------------------------|--------------------|--------------------------|--------------------|---------------------|--------------------|---------------|
| | % | 95% CI | | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 35.1 | 32.5 - 37.7 | 1,807 | 35.3 | 31.4 - 39.5 | 77.7 | 73.7 - 81.2 | 11.5 | 8.8 - 14.9 | 533 |
| North Sumatra | 24.6 | 22.7 - 26.6 | 5,061 | 81.7 | 77.5 - 85.2 | 41.7 | 37.1 - 46.4 | 7.7 | 5.4 - 10.8 | 1,046 |
| West Sumatra | 22.1 | 20.0 - 24.5 | 1,768 | 56.4 | 51.2 - 61.5 | 62.1 | 56.9 - 66.9 | 5.4 | 3.9 - 7.5 | 329 |
| Riau | 17.9 | 15.8 - 20.1 | 2,111 | 81.5 | 76.5 - 85.7 | 38.8 | 32.6 - 45.4 | 2.7 | 1.6 - 4.5 | 317 |
| Jambi | 21.8 | 19.1 - 24.8 | 1,145 | 80.0 | 73.2 - 85.5 | 19.3 | 14.2 - 25.6 | 14.9 | 9.9 - 21.7 | 210 |
| South Sumatra | 21.4 | 19.1 - 23.9 | 2,649 | 80.4 | 75.0 - 84.9 | 29.6 | 24.2 - 35.7 | 7.3 | 4.9 - 10.6 | 476 |
| Bengkulu | 18.3 | 15.4 - 21.6 | 648 | 70.2 | 61.5 - 77.7 | 48.1 | 40.1 - 56.3 | 4.3 | 1.6 - 10.9 | 100 |
| Lampung | 27.2 | 24.3 - 30.3 | 2,810 | 74.3 | 67.1 - 80.4 | 35.2 | 29.2 - 41.8 | 19.1 | 13.6 - 26.2 | 642 |
| Bangka Belitung | 14.7 | 12.1 - 17.9 | 463 | 86.3 | 74.5 - 93.1 | 30.6 | 21.7 - 41.1 | 1.3 | 0.4 - 4.4 | 57 |
| Riau Islands | 8.5 | 6.3 - 11.5 | 679 | 69.2 | 56.8 - 79.4 | 28.3 | 19.8 - 38.6 | 12.1 | 6.0 - 22.9 | 49* |
| DKI Jakarta | 35.1 | 30.5 - 39.9 | 2,684 | 63.0 | 54.4 - 70.8 | 56.9 | 48.8 - 64.6 | 15.1 | 10.4 - 21.4 | 791 |
| West Java | 40.7 | 38.5 - 42.8 | 14,112 | 59.4 | 56.2 - 62.5 | 50.4 | 47.0 - 53.8 | 24.3 | 21.6 - 27.3 | 4,822 |
| Central Java | 50.2 | 48.2 - 52.1 | 9,808 | 44.7 | 41.9 - 47.5 | 58.3 | 55.6 - 61.0 | 28.6 | 25.9 - 31.4 | 4,137 |
| DI Yogyakarta | 54.5 | 49.0 - 59.8 | 857 | 19.5 | 14.8 - 25.3 | 80.4 | 74.5 - 85.2 | 16.3 | 11.8 - 22.2 | 392 |
| East Java | 35.0 | 33.1 - 37.1 | 10,097 | 48.1 | 44.8 - 51.4 | 60.6 | 57.4 - 63.7 | 23.1 | 20.2 - 26.3 | 2,974 |
| Banten | 32.7 | 29.1 - 36.6 | 3,545 | 77.3 | 70.4 - 82.9 | 48.9 | 42.1 - 55.8 | 17.5 | 12.6 - 23.8 | 975 |
| Bali | 53.2 | 49.1 - 57.3 | 1,106 | 42.8 | 37.6 - 48.1 | 50.2 | 44.2 - 56.2 | 37.8 | 32.4 - 43.5 | 495 |
| West Nusa Tenggara | 47.4 | 43.7 - 51.1 | 1,783 | 16.3 | 13.0 - 20.2 | 86.4 | 83.9 - 88.6 | 16.4 | 12.8 - 20.9 | 711 |
| East Nusa Tenggara | 24.1 | 22.2 - 26.0 | 1,993 | 46.7 | 42.9 - 50.5 | 61.8 | 57.8 - 65.6 | 16.7 | 14.2 - 19.6 | 403 |
| West Kalimantan | 14.6 | 12.5 - 17.1 | 1,771 | 78.2 | 72.3 - 83.1 | 34.1 | 28.0 - 40.7 | 3.8 | 2.2 - 6.5 | 218 |
| Central Kalimantan | 18.6 | 15.7 - 21.8 | 857 | 77.5 | 70.0 - 83.7 | 41.9 | 33.6 - 50.8 | 6.5 | 4.3 - 9.7 | 134 |
| South Kalimantan | 17.1 | 14.9 - 19.6 | 1,280 | 59.7 | 52.8 - 66.3 | 48.9 | 42.1 - 55.8 | 6.6 | 4.4 - 10.0 | 184 |
| East Kalimantan | 19.5 | 16.8 - 22.5 | 1,158 | 78.8 | 72.3 - 84.0 | 25.9 | 19.2 - 33.9 | 11.7 | 7.7 - 17.4 | 190 |
| North Kalimantan | 7.2 | 5.4 - 9.7 | 224 | 72.6 | 56.2 - 84.5 | 23.1 | 12.4 - 39.0 | 9.8 | 3.0 - 27.3 | 14* |
| North Sulawesi | 23.9 | 21.1 - 27.0 | 702 | 83.8 | 78.5 - 88.0 | 31.5 | 26.2 - 37.4 | 11.8 | 8.2 - 16.8 | 141 |
| Central Sulawesi | 31.8 | 28.9 - 34.9 | 946 | 70.9 | 65.4 - 76.0 | 52.2 | 46.6 - 57.9 | 10.8 | 8.0 - 14.6 | 253 |
| South Sulawesi | 18.3 | 16.7 - 20.1 | 2,733 | 73.8 | 69.4 - 77.9 | 39.3 | 34.5 - 44.2 | 10.9 | 8.3 - 14.2 | 421 |
| Southeast Sulawesi | 17.0 | 14.9 - 19.3 | 933 | 80.9 | 75.4 - 85.3 | 32.1 | 26.7 - 37.9 | 7.6 | 4.9 - 11.7 | 134 |
| Gorontalo | 30.5 | 26.1 - 35.4 | 370 | 66.2 | 58.6 - 73.0 | 56.8 | 49.1 - 64.2 | 11.5 | 7.1 - 18.1 | 95 |
| West Sulawesi | 22.3 | 18.3 - 26.8 | 502 | 67.9 | 58.6 - 76.0 | 35.4 | 26.1 - 45.9 | 6.3 | 3.0 - 12.4 | 94 |
| Maluku | 26.4 | 23.4 - 29.6 | 624 | 79.2 | 73.6 - 84.0 | 27.8 | 22.1 - 34.3 | 7.6 | 4.1 - 13.6 | 138 |
| North Maluku | 18.1 | 15.2 - 21.5 | 441 | 75.4 | 65.0 - 83.5 | 34.9 | 26.4 - 44.5 | 10.3 | 5.1 - 19.6 | 67 |
| West Papua | 21.0 | 17.5 - 25.1 | 199 | 88.8 | 79.5 - 94.1 | 39.4 | 28.8 - 51.2 | 2.9 | 1.3 - 6.4 | 35* |
| Southwest Papua | 22.4 | 18.6 - 26.7 | 209 | 94.3 | 89.6 - 96.9 | 23.2 | 15.5 - 33.2 | 5.2 | 2.9 - 9.1 | 39* |
| Papua | 20.9 | 17.3 - 24.9 | 402 | 67.1 | 56.7 - 76.0 | 54.1 | 44.5 - 63.4 | 4.6 | 2.2 - 9.5 | 70 |
| South Papua | 12.9 | 9.9 - 16.6 | 270 | 80.6 | 68.2 - 88.9 | 27.3 | 16.4 - 41.8 | 3.5 | 0.6 - 17.8 | 29* |
| Central Papua | 11.1 | 7.6 - 15.8 | 447 | 96.2 | 88.3 - 98.8 | 44.5 | 32.0 - 57.8 | 4.7 | 3.1 - 7.0 | 42* |
| Highland Papua | 22.3 | 17.3 - 28.1 | 430 | 94.1 | 91.4 - 96.1 | 10.5 | 5.5 - 19.1 | 7.6 | 4.4 - 12.9 | 81 |
| INDONESIA | 32.6 | 32.0 - 33.3 | 79,625 | 57.1 | 55.9 - 58.2 | 53.0 | 51.8 - 54.2 | 19.9 | 18.8 - 20.9 | 21,839 |

*Weighted N < 50

Table 14.96 Proportion of Children Aged 6-59 Months Receiving PMT, Program Biscuit PMT, Local Food PMT, and Other PMT by Characteristic, 2023 SKI

| Characteristic | Receiving PMT (%) | Weighted N | Receiving Program Biscuit PMT (%) | Receiving Local Food PMT (%) | Receiving Other PMT (%) | Weighted N |
|--|-------------------|------------|-----------------------------------|------------------------------|-------------------------|------------|
| Age Range | | | | | | |
| 6-11 months | 27.6 | 7,362 | 48.4 | 59.0 | 16.2 | 1,706 |
| 12-23 months | 35.9 | 16,223 | 56.5 | 55.0 | 18.7 | 4,889 |
| 24-35 months | 34.6 | 17,565 | 58.0 | 51.6 | 20.9 | 5,105 |
| 36-47 months | 32.7 | 19,054 | 59.2 | 50.4 | 20.5 | 5,244 |
| 48-59 months | 30.0 | 19,421 | 57.4 | 53.0 | 20.6 | 4,895 |
| Residence | | | | | | |
| Urban | 32.1 | 45,719 | 57.2 | 54.1 | 20.3 | 12,347 |
| Rural | 33.3 | 33,906 | 56.9 | 51.5 | 19.2 | 9,492 |
| Sex | | | | | | |
| Male | 32.2 | 40,685 | 56.2 | 53.4 | 19.9 | 11,021 |
| Female | 33.1 | 38,940 | 57.9 | 52.6 | 19.8 | 10,818 |
| HoH Education | | | | | | |
| Never attended school | 27.6 | 1,646 | 56.9 | 52.9 | 18.3 | 382 |
| Some primary school/Islamic primary school | 30.4 | 2,757 | 60.1 | 54.8 | 16.5 | 704 |
| Primary school/Islamic primary school graduate | 34.8 | 13,516 | 56.4 | 51.2 | 20.1 | 3,953 |
| Junior secondary school/Islamic junior secondary school graduate | 34.9 | 15,783 | 57.1 | 53.1 | 20.4 | 4,632 |
| Senior secondary school/Islamic senior secondary school graduate | 32.8 | 33,163 | 57.6 | 53.1 | 19.8 | 9,130 |
| D1/D2/D3/university graduate | 28.3 | 12,760 | 55.3 | 54.3 | 20.1 | 3,038 |
| HoH Occupation | | | | | | |
| Unemployed | 33.5 | 2,060 | 57.2 | 52.7 | 19.7 | 580 |
| Student | 30.4 | 187 | 68.5 | 56.3 | 23.1 | 48* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 25.3 | 4,611 | 51.1 | 52.6 | 19.8 | 979 |
| Private employee | 34.8 | 17,931 | 56.6 | 53.1 | 23.2 | 5,248 |
| Self-employed | 31.0 | 23,078 | 58.0 | 53.8 | 17.8 | 6,020 |
| Farmer/farm worker | 31.2 | 15,281 | 57.9 | 50.8 | 17.3 | 4,011 |
| Fisher | 27.9 | 1,628 | 57.5 | 55.9 | 11.4 | 381 |
| Labor/driver/domestic help | 38.0 | 11,260 | 56.5 | 52.6 | 21.7 | 3,593 |
| Others | 32.5 | 3,590 | 57.4 | 56.2 | 21.2 | 979 |
| Mother's Education | | | | | | |
| Never attended school | 24.9 | 1,332 | 67.0 | 48.9 | 13.1 | 279 |
| Some primary school/Islamic primary school | 26.2 | 2,597 | 63.7 | 50.7 | 17.9 | 572 |
| Primary school/Islamic primary school graduate | 34.5 | 12,325 | 58.6 | 51.1 | 20.1 | 3,576 |
| Junior secondary school/Islamic junior secondary school graduate | 35.6 | 16,429 | 57.0 | 53.9 | 19.0 | 4,907 |
| Senior secondary school/Islamic senior secondary school graduate | 33.6 | 28,774 | 57.0 | 54.0 | 20.0 | 8,111 |
| D1/D2/D3/university graduate | 29.1 | 13,290 | 54.1 | 53.3 | 20.4 | 3,246 |
| Mother's Employment Status | | | | | | |
| Employed | 31.9 | 29,521 | 54.7 | 53.9 | 19.9 | 7,900 |
| Unemployed | 33.7 | 45,225 | 58.6 | 52.8 | 19.6 | 12,789 |
| Economic Status | | | | | | |
| Lowest | 31.4 | 10,004 | 58.1 | 50.8 | 17.7 | 2,644 |
| Lower middle | 35.8 | 13,474 | 56.8 | 52.8 | 20.2 | 4,050 |
| Middle | 34.0 | 16,413 | 55.8 | 54.4 | 18.6 | 4,696 |
| Upper middle | 33.1 | 19,082 | 57.2 | 52.6 | 21.5 | 5,309 |
| Highest | 29.6 | 20,650 | 57.7 | 53.3 | 20.2 | 5,140 |

Table 14.97 Proportion of Reasons Children Aged 6-59 Months Receive PMT by Province, 2023 SKI

| Province | Reasons for receiving PMT (%) | | | | | | | N Weighted N | |
|--------------------|-------------------------------|-------------------------|------------|------------------------------|-------------------|----------------------------|-----------------------------|-----------------|---------------|
| | Malnutrition | Undern utrition/ SAM | Thin Body | Weight never increases | Frequently ill | Weighing at Posyandu | Poor family situation | | |
| Aceh | 1.0 | 4.2 | 3.0 | 4.4 | 1.4 | 88.3 | 3.5 | 6.2 | 533 |
| North Sumatra | 1.8 | 4.4 | 6.4 | 5.4 | 1.7 | 87.5 | 2.5 | 6.2 | 1,046 |
| West Sumatra | 2.2 | 10.0 | 7.8 | 12.0 | 1.4 | 82.7 | 2.9 | 5.4 | 329 |
| Riau | 3.6 | 5.4 | 6.1 | 7.6 | 2.6 | 85.0 | 3.2 | 7.5 | 317 |
| Jambi | 0.4 | 1.9 | 1.7 | 3.2 | 0.9 | 87.2 | 2.9 | 7.8 | 210 |
| South Sumatra | 1.2 | 5.1 | 6.0 | 5.8 | 1.1 | 86.9 | 0.8 | 5.4 | 476 |
| Bengkulu | 0 | 8.5 | 6.1 | 4.3 | 2.7 | 83.1 | 0.5 | 7.2 | 100 |
| Lampung | 0.3 | 1.8 | 2.9 | 4.5 | 0.8 | 85.5 | 2.2 | 9.0 | 642 |
| Bangka Belitung | 3.2 | 8.3 | 9.3 | 7.8 | 2.6 | 74.8 | 1.8 | 14.2 | 57 |
| Riau Islands | 1.2 | 6.1 | 11.0 | 5.5 | 1.9 | 76.1 | 0.5 | 9.4 | 49* |
| DKI Jakarta | 0.4 | 2.7 | 3.3 | 5.8 | 0.8 | 90.6 | 2.2 | 3.5 | 791 |
| West Java | 0.7 | 2.2 | 2.8 | 2.7 | 1.3 | 90.3 | 1.0 | 5.2 | 4,822 |
| Central Java | 0.5 | 3.8 | 3.7 | 3.9 | 0.6 | 90.6 | 0.5 | 4.5 | 4,137 |
| DI Yogyakarta | 0.3 | 3.2 | 2.5 | 2.2 | 0.1 | 92.8 | 0.5 | 2.8 | 392 |
| East Java | 1.3 | 7.3 | 6.2 | 8.0 | 1.6 | 82.2 | 2.2 | 5.6 | 2,974 |
| Banten | 0.0 | 1.3 | 1.8 | 2.6 | 1.1 | 92.5 | 1.0 | 3.6 | 975 |
| Bali | 0.5 | 1.5 | 1.2 | 2.0 | 0.4 | 95.8 | 0.6 | 2.5 | 495 |
| West Nusa Tenggara | 0.6 | 5.0 | 4.1 | 4.2 | 0.7 | 93.0 | 0.9 | 2.7 | 711 |
| East Nusa Tenggara | 7.4 | 22.3 | 13.4 | 15.3 | 2.4 | 62.8 | 3.1 | 6.1 | 403 |
| West Kalimantan | 1.0 | 6.3 | 5.8 | 7.3 | 1.1 | 82.2 | 0.6 | 6.1 | 218 |
| Central Kalimantan | 0.4 | 4.8 | 3.4 | 6.7 | 0.1 | 89.2 | 0.6 | 6.3 | 134 |
| South Kalimantan | 1.3 | 16.4 | 14.4 | 15.6 | 2.1 | 68.2 | 0 | 8.3 | 184 |
| East Kalimantan | 1.9 | 6.0 | 8.7 | 13.9 | 1.5 | 73.9 | 3.4 | 13.5 | 190 |
| North Kalimantan | 5.2 | 12.4 | 21.5 | 27.0 | 1.3 | 59.6 | 2.3 | 3.3 | 14* |
| North Sulawesi | 0.4 | 6.0 | 8.5 | 10.4 | 1.7 | 84.5 | 7.0 | 7.7 | 141 |
| Central Sulawesi | 1.6 | 7.2 | 9.2 | 12.1 | 1.6 | 81.5 | 2.5 | 8.8 | 253 |
| South Sulawesi | 2.4 | 11.9 | 15.9 | 15.8 | 3.5 | 70.3 | 2.8 | 9.0 | 421 |
| Southeast Sulawesi | 1.6 | 9.5 | 9.4 | 14.1 | 1.9 | 75.0 | 4.1 | 8.6 | 134 |
| Gorontalo | 2.8 | 7.1 | 8.4 | 8.6 | 2.5 | 84.6 | 2.9 | 5.6 | 95 |
| West Sulawesi | 0.8 | 13.4 | 9.8 | 21.5 | 2.5 | 64.9 | 2.9 | 8.7 | 94 |
| Maluku | 1.3 | 5.6 | 5.1 | 10.6 | 1.9 | 78.1 | 3.3 | 9.9 | 138 |
| North Maluku | 0.4 | 7.9 | 6.2 | 10.1 | 0.8 | 80.9 | 0.6 | 6.5 | 67 |
| West Papua | 4.2 | 9.9 | 8.5 | 10.9 | 3.7 | 85.0 | 1.9 | 6.6 | 35* |
| Southwest Papua | 3.8 | 9.3 | 8.1 | 16.1 | 1.5 | 84.2 | 4.3 | 4.7 | 39* |
| Papua | 1.3 | 5.4 | 5.5 | 9.5 | 5.0 | 86.5 | 3.8 | 6.1 | 70 |
| South Papua | 0 | 15.2 | 16.8 | 22.4 | 2.2 | 74.2 | 3.7 | 4.9 | 29* |
| Central Papua | 18.7 | 37.2 | 32.7 | 15.2 | 9.8 | 53.1 | 29.9 | 6.4 | 42* |
| Highland Papua | 2.8 | 1.1 | 12.2 | 6.9 | 1.7 | 90.8 | 6.6 | 4.1 | 81 |
| INDONESIA | 1.1 | 4.8 | 4.8 | 5.6 | 1.3 | 87.0 | 1.6 | 5.4 | 21,839 |

*Weighted N < 50

Table 14.98 Proportion of Reasons Children Aged 6-59 Months Receive PMT by Characteristic, 2023 SKI

| Characteristic | Reasons for receiving PMT (%) | | | | | | | Weighted N | |
|--|-------------------------------|---------------------|-----------|------------------------|----------------|----------------------|-----------------------|------------|--------|
| | Mal-nutrition | Under-nutrition/SAM | Thin Body | Weight never increases | Frequently ill | Weighing at Posyandu | Poor family situation | | |
| Age Range | | | | | | | | | |
| 6-11 months | 0.3 | 2.6 | 1.8 | 2.9 | 0.9 | 92.8 | 1.2 | 3.9 | 1,706 |
| 12-23 months | 1.1 | 4.5 | 4.6 | 5.5 | 1.4 | 87.0 | 1.7 | 5.5 | 4,889 |
| 24-35 months | 1.3 | 6.0 | 5.4 | 6.3 | 1.3 | 85.6 | 2.0 | 5.8 | 5,105 |
| 36-47 months | 1.3 | 5.0 | 5.7 | 6.4 | 1.3 | 86.8 | 1.5 | 5.1 | 5,244 |
| 48-59 months | 0.8 | 4.5 | 4.5 | 5.1 | 1.2 | 86.6 | 1.5 | 6.0 | 4,895 |
| Residence | | | | | | | | | |
| Urban | 0.9 | 4.1 | 4.3 | 5.0 | 1.1 | 88.4 | 1.5 | 5.1 | 12,347 |
| Rural | 1.3 | 5.7 | 5.5 | 6.4 | 1.5 | 85.2 | 1.8 | 5.9 | 9,492 |
| Sex | | | | | | | | | |
| Male | 1.0 | 4.6 | 4.6 | 5.3 | 1.3 | 87.3 | 1.6 | 5.4 | 11,021 |
| Female | 1.1 | 5.0 | 5.0 | 6.0 | 1.3 | 86.6 | 1.6 | 5.5 | 10,818 |
| HoH Education | | | | | | | | | |
| Never attended school | 4.8 | 10.8 | 9.3 | 8.1 | 1.7 | 81.7 | 5.4 | 4.4 | 382 |
| Some primary school/Islamic primary school | 2.5 | 6.8 | 8.3 | 5.0 | 1.9 | 84.2 | 2.8 | 5.0 | 704 |
| Primary school/Islamic primary school graduate | 1.1 | 6.6 | 5.7 | 6.1 | 1.6 | 85.2 | 1.8 | 5.3 | 3,953 |
| Junior secondary school/Islamic junior secondary school graduate | 1.0 | 5.3 | 5.3 | 6.8 | 0.9 | 86.6 | 1.7 | 5.8 | 4,632 |
| Senior secondary school/Islamic senior secondary school graduate | 0.9 | 4.0 | 4.2 | 5.2 | 1.3 | 87.8 | 1.5 | 5.3 | 9,130 |
| D1/D2/D3/university graduate | 0.7 | 3.0 | 3.3 | 4.4 | 1.0 | 88.7 | 0.8 | 6.0 | 3,038 |
| HoH Occupation | | | | | | | | | |
| Unemployed | 3.1 | 9.4 | 11.2 | 9.0 | 3.1 | 81.3 | 4.1 | 5.4 | 580 |
| Student | 0 | 0.9 | 10.1 | 3.8 | 0.0 | 88.6 | 1.1 | 8.8 | 48 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 0.4 | 2.2 | 1.7 | 2.6 | 0.7 | 90.5 | 1.1 | 5.5 | 979 |
| Private employee | 0.5 | 3.2 | 3.3 | 4.3 | 1.3 | 89.2 | 1.2 | 4.9 | 5,248 |
| Self-employed | 1.1 | 4.5 | 4.4 | 5.6 | 0.8 | 87.3 | 1.2 | 5.9 | 6,020 |
| Farmer/farm worker | 1.8 | 6.8 | 6.3 | 7.4 | 1.7 | 83.9 | 2.5 | 6.1 | 4,011 |
| Fisher | 1.9 | 9.6 | 8.8 | 9.1 | 0.7 | 82.0 | 2.7 | 4.0 | 381 |
| Labor/driver/domestic help | 1.0 | 4.7 | 5.2 | 5.5 | 1.3 | 87.1 | 1.3 | 4.7 | 3,593 |
| Others | 0.5 | 6.1 | 5.8 | 5.2 | 1.2 | 86.8 | 3.2 | 6.0 | 979 |
| Mother's Education | | | | | | | | | |
| Never attended school | 5.0 | 11.3 | 13.8 | 10.2 | 3.4 | 79.4 | 8.6 | 4.9 | 279 |
| Some primary school/Islamic primary school | 1.8 | 7.5 | 7.7 | 7.3 | 3.0 | 82.2 | 3.8 | 5.4 | 572 |
| Primary school/Islamic primary school graduate | 1.2 | 6.5 | 5.4 | 7.0 | 1.9 | 84.7 | 1.7 | 5.7 | 3,576 |
| Junior secondary school/Islamic junior secondary school graduate | 1.0 | 5.6 | 5.0 | 5.9 | 1.1 | 85.7 | 2.0 | 6.0 | 4,907 |
| Senior secondary school/Islamic senior secondary school graduate | 0.8 | 4.0 | 4.5 | 5.1 | 1.2 | 88.4 | 1.3 | 5.0 | 8,111 |
| D1/D2/D3/university graduate | 0.7 | 2.9 | 2.9 | 4.1 | 0.5 | 90.1 | 0.6 | 5.2 | 3,246 |
| Mother's Employment Status | | | | | | | | | |
| Employed | 1.0 | 5.2 | 4.6 | 5.1 | 1.3 | 86.9 | 1.5 | 5.6 | 7,900 |
| Unemployed | 1.0 | 4.6 | 4.9 | 5.9 | 1.3 | 87.2 | 1.7 | 5.3 | 12,789 |
| Economic Status | | | | | | | | | |
| Lowest | 2.7 | 9.6 | 8.9 | 8.6 | 1.9 | 81.3 | 4.7 | 5.1 | 2,644 |
| Lower middle | 1.0 | 6.5 | 6.2 | 7.8 | 1.3 | 85.3 | 2.0 | 6.1 | 4,050 |
| Middle | 1.0 | 4.9 | 4.8 | 5.5 | 1.3 | 87.0 | 1.3 | 5.2 | 4,696 |
| Upper middle | 1.0 | 3.8 | 4.6 | 5.1 | 1.3 | 87.8 | 1.1 | 5.2 | 5,309 |
| Highest | 0.4 | 2.1 | 2.0 | 3.0 | 0.8 | 90.3 | 0.6 | 5.6 | 5140 |

Table 14.99 Proportion of Total PMT Biscuit Program Obtained by Children Aged 6-59 Months by Province, 2023 SKI

| Province | Quantity Obtained (packs) | | | | Children who did not finish PMT | Weighted N |
|--------------------|---------------------------|------------|------------|------------|---------------------------------|---------------|
| | 0-30 | 31-89 | ≥90 | Unknown | | |
| Aceh | 91.5 | 6.0 | 2.5 | 0.0 | 22.7 | 196 |
| North Sumatra | 87.1 | 8.5 | 4.3 | 0.0 | 13.2 | 891 |
| West Sumatra | 89.7 | 8.7 | 1.6 | 0.0 | 26.4 | 194 |
| Riau | 93.9 | 5.2 | 0.7 | 0.2 | 18.4 | 270 |
| Jambi | 85.6 | 9.7 | 4.4 | 0.4 | 8.5 | 175 |
| South Sumatra | 93.6 | 2.7 | 3.7 | 0.0 | 11.3 | 400 |
| Bengkulu | 91.0 | 5.0 | 3.9 | 0.0 | 16.5 | 73 |
| Lampung | 96.4 | 2.5 | 1.1 | 0.0 | 22.4 | 498 |
| Bangka Belitung | 96.0 | 3.4 | 0.5 | 0.0 | 30.9 | 52 |
| Riau Islands | 90.5 | 7.2 | 2.2 | 0.0 | 49.2 | 35 |
| DKI Jakarta | 94.9 | 4.1 | 1.0 | 0.0 | 31.3 | 520 |
| West Java | 97.3 | 2.3 | 0.3 | 0.1 | 16.4 | 2,989 |
| Central Java | 96.2 | 2.9 | 0.9 | 0.0 | 30.3 | 1,929 |
| DI Yogyakarta | 90.5 | 9.5 | 0.0 | 0.0 | 43.5 | 80 |
| East Java | 92.8 | 5.8 | 1.5 | 0.0 | 27.8 | 1,493 |
| Banten | 99.4 | 0.6 | 0.0 | 0.0 | 11.8 | 786 |
| Bali | 84.0 | 13.2 | 2.9 | 0.0 | 29.2 | 221 |
| West Nusa Tenggara | 91.4 | 5.1 | 3.5 | 0.0 | 28.4 | 121 |
| East Nusa Tenggara | 90.8 | 6.9 | 2.1 | 0.2 | 9.8 | 196 |
| West Kalimantan | 97.7 | 1.9 | 0.5 | 0.0 | 25.5 | 177 |
| Central Kalimantan | 88.4 | 9.6 | 1.9 | 0.0 | 37.0 | 108 |
| South Kalimantan | 81.7 | 14.9 | 3.4 | 0.0 | 28.4 | 115 |
| East Kalimantan | 87.2 | 11.7 | 1.1 | 0.0 | 40.8 | 156 |
| North Kalimantan | 79.9 | 12.8 | 7.2 | 0.0 | 24.4 | 10 |
| North Sulawesi | 89.5 | 5.8 | 4.8 | 0.0 | 29.2 | 123 |
| Central Sulawesi | 96.5 | 3.4 | 0.1 | 0.0 | 17.8 | 187 |
| South Sulawesi | 91.5 | 6.4 | 2.0 | 0.1 | 26.0 | 324 |
| Southeast Sulawesi | 94.1 | 4.2 | 1.7 | 0.0 | 19.1 | 113 |
| Gorontalo | 94.3 | 3.8 | 1.9 | 0.0 | 17.2 | 66 |
| West Sulawesi | 88.0 | 9.0 | 3.0 | 0.0 | 25.5 | 67 |
| Maluku | 97.3 | 0.5 | 2.2 | 0.0 | 18.2 | 114 |
| North Maluku | 97.2 | 2.2 | 0.0 | 0.6 | 22.0 | 53 |
| West Papua | 94.6 | 1.9 | 3.5 | 0.0 | 26.0 | 33 |
| Southwest Papua | 93.8 | 6.2 | 0.0 | 0.0 | 13.5 | 39 |
| Papua | 96.5 | 3.4 | 0.1 | 0.0 | 28.3 | 49 |
| South Papua | 87.6 | 12.4 | 0.0 | 0.0 | 14.0 | 25 |
| Central Papua | 96.1 | 3.9 | 0.0 | 0.0 | 11.4 | 42 |
| Highland Papua | 98.0 | 2.0 | 0.0 | 0.0 | 18.0 | 79 |
| INDONESIA | 94.2 | 4.4 | 1.4 | 0.0 | 21.9 | 12,998 |

Table 14.100 Proportion of Total PMT Biscuit Program Obtained by Children Aged 6-59 Months by Characteristic, 2023 SKI

| Characteristic | Quantity Obtained (packs) | | | | Children who did not finish PMT | Weighted N |
|--|---------------------------|-------|-----|---------|---------------------------------|------------|
| | 0-30 | 31-89 | ≥90 | Unknown | | |
| Age Range | | | | | | |
| 6-11 months | 97.4 | 2.1 | 0.4 | 0.1 | 25.6 | 861 |
| 12-23 months | 93.7 | 5.0 | 1.2 | 0.1 | 25.0 | 2,879 |
| 24-35 months | 94.5 | 4.0 | 1.5 | 0 | 22.5 | 3,087 |
| 36-47 months | 93.7 | 4.8 | 1.5 | 0 | 21.3 | 3,241 |
| 48-59 months | 94.0 | 4.5 | 1.5 | 0 | 17.8 | 2,929 |
| Residence | | | | | | |
| Urban | 94.4 | 4.4 | 1.1 | 0 | 23.1 | 7,362 |
| Rural | 93.9 | 4.4 | 1.7 | 0.1 | 20.3 | 5,636 |
| Sex | | | | | | |
| Male | 94.4 | 4.1 | 1.4 | 0 | 21.5 | 6,466 |
| Female | 94.0 | 4.7 | 1.3 | 0.1 | 22.3 | 6,532 |
| HoH Education | | | | | | |
| Never attended school | 94.1 | 4.2 | 1.4 | 0.3 | 25.5 | 226 |
| Some primary school/Islamic primary school | 94.5 | 3.3 | 2.2 | 0 | 24.3 | 441 |
| Primary school/Islamic primary school graduate | 94.1 | 4.3 | 1.5 | 0.2 | 17.9 | 2,328 |
| Junior secondary school/Islamic junior secondary school graduate | 94.0 | 4.5 | 1.6 | 0 | 18.9 | 2,759 |
| Senior secondary school/Islamic senior secondary school graduate | 94.2 | 4.6 | 1.2 | 0 | 23.9 | 5,490 |
| D1/D2/D3/university graduate | 94.7 | 4.2 | 1.1 | 0 | 24.8 | 1,753 |
| HoH Occupation | | | | | | |
| Unemployed | 90.4 | 8.3 | 1.2 | 0.1 | 25.3 | 346 |
| Student | 97.7 | 2.3 | 0 | 0 | 19.0 | 34 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 93.7 | 5.4 | 0.8 | 0.1 | 28.6 | 521 |
| Private employee | 95.4 | 3.8 | 0.7 | 0.0 | 25.1 | 3,098 |
| Self-employed | 94.4 | 4.0 | 1.6 | 0.0 | 20.1 | 3,643 |
| Farmer/farm worker | 92.2 | 5.7 | 2.1 | 0.0 | 18.1 | 2,424 |
| Fisher | 93.9 | 4.8 | 1.3 | 0 | 18.4 | 229 |
| Labor/driver/domestic help | 95.3 | 3.5 | 1.0 | 0.2 | 21.7 | 2,117 |
| Others | 93.4 | 4.7 | 2.0 | 0 | 26.0 | 587 |
| Mother's Education | | | | | | |
| Never attended school | 93.5 | 2.3 | 4.2 | 0 | 16.1 | 194 |
| Some primary school/Islamic primary school | 92.2 | 5.6 | 2.1 | 0.1 | 23.1 | 379 |
| Primary school/Islamic primary school graduate | 93.9 | 4.8 | 1.1 | 0.2 | 19.6 | 2,177 |
| Junior secondary school/Islamic junior secondary school graduate | 94.9 | 3.8 | 1.2 | 0 | 19.5 | 2,906 |
| Senior secondary school/Islamic senior secondary school graduate | 94.2 | 4.4 | 1.3 | 0 | 22.1 | 4,803 |
| D1/D2/D3/university graduate | 93.9 | 4.6 | 1.5 | 0 | 27.9 | 1,826 |
| Mother's Employment Status | | | | | | |
| Employed | 93.2 | 5.0 | 1.8 | 0 | 22.0 | 4,492 |
| Unemployed | 94.8 | 4.0 | 1.1 | 0.1 | 21.7 | 7,793 |
| Economic Status | | | | | | |
| Lowest | 93.6 | 4.8 | 1.5 | 0 | 14.8 | 1,604 |
| Lower middle | 93.0 | 5.1 | 1.9 | 0 | 22.9 | 2,399 |
| Middle | 94.1 | 4.3 | 1.4 | 0.1 | 19.9 | 2,732 |
| Upper middle | 94.2 | 4.5 | 1.3 | 0 | 23.1 | 3,170 |
| Highest | 95.5 | 3.6 | 0.9 | 0 | 25.4 | 3,093 |

Table 14.101 Proportion of Main Reasons for Not Finishing the PMT Biscuit Program in Children Aged 6-59 Months by Characteristic, 2023 SKI

| Characteristic | Main Reasons for Not Finishing the PMT Biscuit Program (%) | | | | | | | | Weighted N | |
|--|--|------------------------|------------|-------------------|--------------|-------------------------------|---------------------------|---------------|------------|--------------|
| | Unpleasant Taste | Lack of flavor variety | Too sweet | Dislike the aroma | Side effects | Consumed by other fam. member | Mother forgets to provide | Child refuses | | |
| Age Range | | | | | | | | | | |
| 6-11 months | 6.2 | 4.5 | 6.3 | 1.9 | 1.7 | 38.4 | 1.9 | 31.6 | 7.4 | 215 |
| 12-23 months | 9.1 | 6.4 | 4.1 | 5.0 | 0.5 | 24.5 | 4.1 | 35.3 | 10.9 | 702 |
| 24-35 months | 13.9 | 6.0 | 4.4 | 6.2 | 0.6 | 27.9 | 4.2 | 30.2 | 6.7 | 676 |
| 36-47 months | 24.1 | 5.5 | 4.2 | 8.7 | 0.1 | 21.1 | 1.8 | 30.4 | 4.1 | 673 |
| 48-59 months | 15.8 | 5.5 | 3.5 | 9.1 | 0.7 | 26.9 | 2.2 | 31.3 | 5.1 | 508 |
| Residence | | | | | | | | | | |
| Urban | 15.1 | 5.6 | 3.4 | 6.3 | 0.7 | 24.2 | 2.6 | 34.5 | 7.5 | 1,658 |
| Rural | 14.5 | 6.1 | 5.5 | 7.3 | 0.4 | 28.7 | 3.8 | 27.8 | 6.0 | 1,115 |
| Sex | | | | | | | | | | |
| Male | 13.8 | 5.4 | 3.3 | 7.7 | 0.6 | 24.5 | 3.4 | 33.6 | 7.6 | 1,355 |
| Female | 15.9 | 6.1 | 5.1 | 5.8 | 0.6 | 27.4 | 2.7 | 30.1 | 6.2 | 1,418 |
| HoH Education | | | | | | | | | | |
| Never attended school | 12.3 | 0.4 | 6.5 | 0.5 | 0 | 53.7 | 1.4 | 21.5 | 3.7 | 56 |
| Some primary school/Islamic primary school | 14.2 | 5.2 | 6.1 | 10.7 | 0 | 29.6 | 1.6 | 23.4 | 9.1 | 104 |
| Primary school/Islamic primary school graduate | 15.1 | 5.9 | 3.9 | 6.0 | 0.7 | 30.3 | 5.0 | 29.3 | 3.8 | 406 |
| Junior secondary school/Islamic junior secondary school graduate | 13.5 | 5.8 | 3.8 | 7.4 | 0.5 | 17.3 | 5.1 | 40.1 | 6.6 | 508 |
| Senior secondary school/Islamic senior secondary school graduate | 16.6 | 5.8 | 3.9 | 6.5 | 0.4 | 27.3 | 2.0 | 29.9 | 7.6 | 1,276 |
| D1/D2/D3/university graduate | 11.7 | 6.6 | 5.6 | 7.2 | 1.4 | 24.0 | 2.4 | 33.5 | 7.8 | 423 |
| HoH Occupation | | | | | | | | | | |
| Unemployed | 4.0 | 0.5 | 0.7 | 1.9 | 0 | 39.8 | 3.6 | 36.2 | 13.3 | 85 |
| Student | 0 | 5.5 | 0 | 0 | 0 | 10.3 | 0 | 84.2 | 0 | 6 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 10.2 | 5.6 | 1.8 | 6.6 | 0.3 | 26.7 | 5.6 | 36.5 | 6.7 | 145 |
| Private employee | 17.7 | 3.8 | 3.1 | 8.1 | 0.9 | 23.1 | 1.6 | 33.3 | 8.4 | 758 |
| Self-employed | 15.5 | 7.4 | 5.1 | 5.3 | 0.2 | 24.0 | 3.4 | 32.4 | 6.8 | 713 |
| Farmer/farm worker | 14.3 | 4.4 | 5.6 | 8.0 | 1.1 | 27.4 | 3.9 | 29.9 | 5.4 | 428 |
| Fisher | 13.1 | 1.2 | 8.3 | 5.3 | | 37.0 | 0.8 | 32.2 | 2.0 | 41 |
| Labor/driver/domestic help | 16.0 | 9.2 | 2.9 | 6.7 | 0.3 | 32.1 | 3.1 | 25.9 | 3.9 | 447 |
| Others | 8.3 | 6.1 | 9.8 | 6.7 | 1.0 | 17.7 | 4.3 | 35.4 | 10.5 | 148 |
| Mother's Education | | | | | | | | | | |
| Never attended school | 5.0 | 0 | 0 | 0.7 | 0 | 62.5 | 4.0 | 24.2 | 3.7 | 30 |
| Some primary school/Islamic primary school | 11.1 | 0.5 | 6.4 | 6.3 | 0.3 | 33.3 | 8.8 | 22.6 | 10.6 | 85 |
| Primary school/Islamic primary school graduate | 9.1 | 6.0 | 4.4 | 6.6 | 0.2 | 32.7 | 3.5 | 33.1 | 4.4 | 415 |
| Junior secondary school/Islamic junior secondary school graduate | 16.7 | 5.8 | 2.6 | 5.5 | 0.5 | 24.1 | 3.7 | 34.6 | 6.7 | 552 |
| Senior secondary school/Islamic senior secondary school graduate | 18.7 | 5.9 | 5.4 | 7.6 | 0.9 | 24.1 | 2.5 | 29.3 | 5.7 | 1,035 |
| D1/D2/D3/university graduate | 11.5 | 7.8 | 3.5 | 7.5 | 0.5 | 21.4 | 1.9 | 35.0 | 10.8 | 496 |
| Mother's Employment Status | | | | | | | | | | |
| Employed | 16.6 | 6.0 | 4.6 | 8.1 | 1.0 | 24.5 | 2.0 | 30.9 | 6.4 | 964 |
| Unemployed | 14.0 | 6.0 | 4.0 | 6.1 | 0.4 | 26.4 | 3.6 | 32.3 | 7.1 | 1,649 |
| Economic Status | | | | | | | | | | |
| Lowest | 6.0 | 3.6 | 3.8 | 7.4 | 0.3 | 37.2 | 3.3 | 33.2 | 5.1 | 232 |
| Lower middle | 16.5 | 6.2 | 4.7 | 7.4 | 0.5 | 30.0 | 3.1 | 26.0 | 5.5 | 535 |
| Middle | 11.8 | 6.4 | 4.6 | 6.3 | 0.2 | 27.0 | 5.7 | 30.8 | 7.2 | 529 |
| Upper middle | 18.7 | 6.7 | 4.8 | 5.7 | 1.1 | 21.2 | 2.4 | 30.7 | 8.7 | 713 |
| Highest | 15.1 | 4.8 | 3.4 | 7.2 | 0.5 | 23.7 | 1.7 | 37.2 | 6.5 | 765 |
| INDONESIA | 14.9 | 5.8 | 4.3 | 6.7 | 0.6 | 26.0 | 3.0 | 31.8 | 6.9 | 2,773 |

Proportion of the Total Local Food-Based PMT Obtained and the Main Reasons for Not Finishing it in Children Aged 6-59 Months

Definition: "The amount of local food-based PMT obtained" refers to a certain amount of PMT program in the form of local food obtained by children aged 6-59 months during the last 12 months.

Categories of the amount of local food obtained:

1. ≤14 portions of local food
2. 15-28 portions of local food
3. 29-56 portions of local food
4. 57-89 portions of local food
5. ≥90 portions of local food

$$\text{Proportion of the amount of local food-based PMT obtained by children aged 6-59 months} = \frac{\text{Number of children aged 6-59 months who obtained local food-based PMT according to the category of the amount of local food received in the last 12 months}}{\text{Total number of children aged 6-59 months who received local food-based PMT in the last 12 months}}$$

Definition: "Children who did not finish the local food-based PMT" refers to children aged 6-59 months with a quantity of local food-based PMT consumed less than the amount obtained during the last 12 months.

$$\text{Proportion of children aged 6-59 months who did not finish the local food-based PMT} = \frac{\text{Number of children aged 6-59 months who did not finish the local food-based PMT in the last 12 months}}{\text{Total number of children aged 6-59 months who received local food-based PMT in the last 12 months}}$$

Definition: "Reasons why children did not finish the local food-based PMT" refers to the main reasons children aged 6-59 months did not consume a portion of the local food-based PMT provided during the last 12 months.

$$\text{Proportion of reasons why children aged 6-59 months did not finish the local food-based PMT} = \frac{\text{Number of children aged 6-59 months based on the main reasons for not finishing the local food-based PMT in the last 12 months}}{\text{Total number of children aged 6-59 months who did not finish the local food-based PMT in the last 12 months}}$$

Table 14.102 Proportion of the Total Local Food-Based PMT Obtained by Children Aged 6-59 Months According to Characteristic, 2023 SKI

| Characteristic | Obtained Quantity (portion) | | | | | | Children Who Did Not Finish PMT | Weighted N |
|--|-----------------------------|------------|------------|------------|------------|------------|---------------------------------|---------------|
| | ≤14 | 15-28 | 29-56 | 57-89 | ≥90 | Unknown | | |
| Age Range | | | | | | | | |
| 6-11 months | 98.6 | 0.8 | 0.5 | 0.1 | 0 | 0 | 34.4 | 962 |
| 12-23 months | 96.7 | 1.2 | 0.9 | 0.3 | 0.8 | 0.1 | 22.9 | 2,569 |
| 24-35 months | 95.9 | 1.7 | 1.2 | 0.3 | 0.8 | 0.1 | 17.3 | 2,516 |
| 36-47 months | 96.5 | 1.1 | 1.4 | 0.2 | 0.8 | 0 | 14.9 | 2,522 |
| 48-59 months | 97.5 | 0.9 | 0.9 | 0.2 | 0.5 | 0.0 | 13.0 | 2,480 |
| Residence | | | | | | | | |
| Urban | 97.5 | 1.3 | 0.7 | 0.2 | 0.3 | 0.0 | 21.3 | 6,380 |
| Rural | 95.9 | 1.1 | 1.5 | 0.2 | 1.2 | 0.1 | 14.8 | 4,668 |
| Sex | | | | | | | | |
| Male | 96.7 | 1.2 | 1.1 | 0.3 | 0.7 | 0.0 | 18.8 | 5,618 |
| Female | 96.9 | 1.2 | 1.0 | 0.1 | 0.6 | 0.1 | 18.4 | 5,430 |
| HoH Education | | | | | | | | |
| Never attended school | 95.6 | 0.9 | 1.2 | 0.2 | 2.0 | 0.1 | 15.5 | 193 |
| Some primary school/Islamic primary school | 96.4 | 0.4 | 1.3 | | 1.8 | 0 | 20.3 | 368 |
| Primary school/Islamic primary school graduate | 96.1 | 0.9 | 1.6 | 0.3 | 0.9 | 0.2 | 17.3 | 1,933 |
| Junior secondary school/Islamic junior secondary school graduate | 96.6 | 1.6 | 1.0 | 0.3 | 0.5 | 0 | 15.1 | 2,350 |
| Senior secondary school/Islamic senior secondary school graduate | 97.2 | 1.2 | 0.9 | 0.1 | 0.6 | 0.0 | 19.3 | 4,630 |
| D1/D2/D3/university graduate | 97.3 | 1.3 | 0.8 | 0.2 | 0.4 | 0.0 | 23.2 | 1,575 |
| HoH Occupation | | | | | | | | |
| Unemployed | 95.7 | 1.6 | 1.6 | 0.8 | 0.2 | 0 | 16.3 | 292 |
| Student | 87.2 | 12.8 | 0 | 0 | 0 | 0 | 24.9 | 26* |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 98.6 | 0.6 | 0.3 | 0 | 0.4 | 0.0 | 23.0 | 492 |
| Private employee | 97.4 | 1.5 | 0.6 | 0.1 | 0.5 | 0.0 | 22.8 | 2,664 |
| Self-employed | 97.0 | 1.0 | 1.3 | 0.3 | 0.4 | 0.0 | 17.5 | 3,092 |
| Farmer/farm worker | 96.0 | 0.8 | 1.6 | 0.3 | 1.2 | 0.1 | 14.3 | 1,948 |
| Fisher | 95.7 | 0.3 | 1.4 | 0.3 | 2.2 | 0 | 12.4 | 204 |
| Labor/driver/domestic help | 96.2 | 1.8 | 1.1 | 0.1 | 0.6 | 0.2 | 19.0 | 1,806 |
| Others | 97.6 | 0.5 | 0.5 | 0.3 | 1.0 | 0 | 17.1 | 526 |
| Mother's Education | | | | | | | | |
| Never attended school | 96.1 | 0 | 1.4 | 0.3 | 2.3 | 0 | 12.7 | 130 |
| Some primary school/Islamic primary school | 94.0 | 1.9 | 1.2 | | 2.7 | 0.2 | 18.4 | 276 |
| Primary school/Islamic primary school graduate | 96.4 | 1.1 | 1.3 | 0.3 | 0.8 | 0.2 | 17.6 | 1,740 |
| Junior secondary school/Islamic junior secondary school graduate | 96.5 | 1.3 | 1.2 | 0.4 | 0.6 | 0 | 16.6 | 2,518 |
| Senior secondary school/Islamic senior secondary school graduate | 96.9 | 1.4 | 1.0 | 0.1 | 0.6 | 0.0 | 18.8 | 4,168 |
| D1/D2/D3/university graduate | 97.9 | 0.8 | 0.8 | 0.1 | 0.4 | 0.0 | 22.6 | 1,648 |
| Mother's Employment Status | | | | | | | | |
| Employed | 96.5 | 1.0 | 1.1 | 0.2 | 1.1 | 0.1 | 18.2 | 4,054 |
| Unemployed | 97.0 | 1.3 | 1.0 | 0.2 | 0.4 | 0.1 | 18.9 | 6,427 |
| Economic Status | | | | | | | | |
| Lowest | 94.5 | 1.2 | 2.1 | 0.5 | 1.7 | 0.0 | 14.7 | 1,284 |
| Lower middle | 95.8 | 1.3 | 1.7 | 0.3 | 0.9 | 0.0 | 15.5 | 2,041 |
| Middle | 96.5 | 1.4 | 0.8 | 0.2 | 0.8 | 0.2 | 18.0 | 2,440 |
| Upper middle | 97.6 | 1.2 | 0.8 | 0.1 | 0.2 | 0.0 | 18.9 | 2,668 |
| Highest | 98.1 | 0.9 | 0.5 | 0.1 | 0.3 | 0.0 | 23.1 | 2,615 |
| INDONESIA | 96.8 | 1.2 | 1.0 | 0.2 | 0.7 | 0.1 | 18.6 | 11,048 |

*Weighted N < 50

Table 14.103 Proportion of the Main Reasons for Not Finishing Local Food-Based PMT Among Children Aged 6-59 Months According to Characteristic, 2023 SKI

| Characteristic | The Main Reason For Not Finishing Local Food PMT (%) | | | | | | | | N Weighted N | |
|--|--|------------------------|------------|-------------------|--------------|-------------------------------|---------------------------|---------------|-----------------|--------------|
| | Unpleasant Taste | Lack of flavor variety | Too sweet | Dislike the aroma | Side effects | Consumed by other fam. member | Mother forgets to provide | Child refuses | | |
| Age Range | | | | | | | | | | |
| 6-11 months | 3.2 | 4.2 | 1.1 | 0.8 | 0.7 | 33.9 | 0.4 | 34.7 | 21.0 | 290 |
| 12-23 months | 5.3 | 4.4 | 0.8 | 4.7 | 1.1 | 24.6 | 1.8 | 46.9 | 10.2 | 515 |
| 24-35 months | 9.8 | 6.2 | 2.3 | 8.7 | 0.4 | 17.2 | 1.6 | 43.9 | 9.8 | 382 |
| 36-47 months | 12.5 | 7.8 | 1.3 | 11.0 | 0 | 17.1 | 1.1 | 43.7 | 5.5 | 330 |
| 48-59 months | 11.2 | 10.4 | 1.9 | 9.7 | 0 | 8.8 | 2.6 | 46.5 | 8.9 | 283 |
| Residence | | | | | | | | | | |
| Urban | 8.7 | 6.5 | 1.2 | 7.4 | 0.5 | 19.2 | 1.1 | 45.0 | 10.4 | 1,193 |
| Rural | 7.2 | 6.0 | 1.9 | 5.9 | 0.6 | 23.5 | 2.4 | 41.1 | 11.5 | 607 |
| Sex | | | | | | | | | | |
| Male | 9.9 | 6.9 | 1.3 | 6.2 | 0.4 | 22.6 | 1.5 | 39.9 | 11.3 | 925 |
| Female | 6.3 | 5.7 | 1.6 | 7.6 | 0.6 | 18.7 | 1.5 | 47.6 | 10.2 | 875 |
| HoH Education | | | | | | | | | | |
| Never attended school | 8.4 | 6.2 | 1.4 | 11.4 | 4.3 | 36.7 | 0 | 26.2 | 5.3 | 26 |
| Some primary school/Islamic primary school | 1.5 | 7.1 | 1.5 | 6.7 | 0 | 12.5 | 0 | 59.3 | 11.5 | 65 |
| Primary school/Islamic primary school graduate | 6.7 | 5.9 | 1.1 | 6.9 | 0.1 | 19.4 | 3.1 | 49.6 | 7.3 | 293 |
| Junior secondary school/Islamic junior secondary school graduate | 10.0 | 7.5 | 1.8 | 7.5 | 0.3 | 21.3 | 0.5 | 39.2 | 11.8 | 310 |
| Senior secondary school/Islamic senior secondary school graduate | 9.3 | 6.1 | 1.7 | 6.0 | 0.8 | 21.8 | 1.9 | 41.5 | 10.9 | 784 |
| D1/D2/D3/university graduate | 6.4 | 5.9 | 0.6 | 8.1 | 0.2 | 18.9 | 0.8 | 46.1 | 13.1 | 321 |
| HoH Occupation | | | | | | | | | | |
| Unemployed | 8.0 | 10.7 | 0 | 12.3 | 0 | 31.4 | 0 | 21.6 | 16.0 | 42 |
| Student | 0 | 0 | 13.7 | 0 | 0 | 0 | 0 | 0 | 86.3 | 6 |
| Civil servant/Indonesian National Armed Forces/Police/SOE/ROE | 7.3 | 8.3 | 1.1 | 8.6 | 0.8 | 12.6 | 2.3 | 46.2 | 12.7 | 99 |
| Private employee | 9.0 | 5.0 | 1.9 | 5.9 | 0.5 | 18.8 | 1.2 | 46.2 | 11.7 | 533 |
| Self-employed | 10.9 | 5.5 | 0.8 | 6.4 | 0.4 | 23.0 | 1.8 | 41.6 | 9.5 | 473 |
| Farmer/farm worker | 7.1 | 6.0 | 2.3 | 6.5 | 1.7 | 19.7 | 1.3 | 44.1 | 11.2 | 245 |
| Fisher | 2.1 | 12.7 | 1.1 | 1.8 | 0 | 21.7 | 0 | 59.1 | 1.4 | 22 |
| Labor	driver/domestic help | 4.5 | 8.0 | 1.4 | 10.0 | 0.0 | 20.4 | 1.6 | 45.2 | 8.9 | 301 |
| Others | 7.2 | 9.3 | 0 | 2.7 | 0 | 29.3 | 2.7 | 38.9 | 9.9 | 79 |
| Mother's Education | | | | | | | | | | |
| Never attended school | 19.6 | 0 | 0 | 3.9 | 0 | 17.3 | 0 | 51.6 | 7.6 | 14 |
| Some primary school/Islamic primary school | 0 | 11.4 | 0 | 8.6 | 0 | 7.7 | 0 | 69.2 | 3.1 | 44 |
| Primary school/Islamic primary school graduate | 4.1 | 4.8 | 1.6 | 8.8 | 0 | 24.7 | 1.7 | 47.2 | 7.1 | 268 |
| Junior secondary school/Islamic junior secondary school graduate | 9.6 | 7.5 | 0.8 | 5.0 | 0.6 | 23.6 | 1.5 | 40.0 | 11.3 | 367 |
| Senior secondary school/Islamic senior secondary school graduate | 9.5 | 7.0 | 1.8 | 6.2 | 0.7 | 18.0 | 1.3 | 43.1 | 12.2 | 686 |
| D1/D2/D3/university graduate | 6.2 | 5.5 | 1.5 | 7.8 | 0.2 | 21.3 | 1.2 | 44.8 | 11.4 | 326 |
| Mother's Employment Status | | | | | | | | | | |
| Employed | 6.0 | 6.1 | 1.6 | 6.9 | 0.5 | 20.6 | 1.3 | 45.4 | 11.6 | 645 |
| Unemployed | 9.1 | 6.8 | 1.3 | 6.6 | 0.5 | 20.7 | 1.4 | 43.3 | 10.3 | 1,061 |
| Economic Status | | | | | | | | | | |
| Lowest | 8.7 | 4.4 | 2.2 | 6.2 | 0.7 | 28.0 | 4.4 | 32.8 | 12.6 | 166 |
| Lower middle | 6.5 | 6.0 | 2.6 | 6.0 | 0.7 | 21.8 | 2.0 | 42.0 | 12.5 | 277 |
| Middle | 7.9 | 8.2 | 1.2 | 7.0 | 0.8 | 20.5 | 1.0 | 45.3 | 8.1 | 386 |
| Upper middle | 9.8 | 7.3 | 0.8 | 6.0 | 0.5 | 19.2 | 0.9 | 44.2 | 11.2 | 442 |
| Highest | 7.8 | 5.0 | 1.2 | 8.2 | 0.1 | 19.1 | 1.3 | 46.3 | 10.9 | 530 |
| INDONESIA | 8.2 | 6.3 | 1.4 | 6.9 | 0.5 | 20.7 | 1.5 | 43.7 | 10.8 | 1,800 |

14.8 NUTRITIONAL STATUS OF TODDLERS UNDER TWO YEARS

The nutritional status of toddlers under two years old is measured based on age, body weight (BW), and body length (BL). The body weight of toddlers is measured using a digital scale with a precision of 0.05 kg, while body length is measured using a length measuring tool with a precision of 0.1 cm.

The variables BW and BL of toddlers are presented in the form of three anthropometric indices, namely BW/Age, BL/Age, and BW/BL. To assess the nutritional status of toddlers, the weight and length measurements of each child are converted into standardized values (Z-scores) using the WHO 2005 child growth standards. Based on the Z-scores of these indicators, the nutritional status of toddlers is determined with the following classifications:

- Nutritional status classification based on the BW/Age index:

| | |
|----------------------|--|
| Severely Underweight | : $Z\text{-score} < -3,0$ |
| Underweight | : $Z\text{-score} \geq -3,0$ s/d $Z\text{-score} < -2,0$ |
| Normal | : $Z\text{-score} \geq -2,0$ s/d $Z\text{-score} \leq 2,0$ |
| Overweight and Obese | : $Z\text{-score} > 2,0$ |

- Nutritional status classification based on the BL/Age index:

| | |
|-------------------|--|
| Severely Stunting | : $Z\text{-score} < -3,0$ |
| Stunting | : $Z\text{-score} \geq -3,0$ s/d $Z\text{-score} < -2,0$ |
| Normal | : $Z\text{-score} \geq -2,0$ |

- Nutritional status classification based on the BW/BL index:

| | |
|----------------------|--|
| Severely Wasting | : $Z\text{-score} < -3,0$ |
| Wasting | : $Z\text{-score} \geq -3,0$ s/d $Z\text{-score} < -2,0$ |
| Normal | : $Z\text{-score} \geq -2,0$ s/d $Z\text{-score} \leq 2,0$ |
| Overweight and Obese | : $Z\text{-score} > 2,0$ |

Based on the BW/Age indicator:

$$\text{Proportion of Severely Underweight Toddlers} = \frac{\text{Number of Severely Underweight Toddlers}}{\text{Number of Toddlers Weighed}} \times 100\%$$

$$\text{Proportion of Underweight Toddlers} = \frac{\text{Number of Underweight Toddlers}}{\text{Number of Toddlers Weighed}} \times 100\%$$

$$\text{Proportion of Normal Weight Toddlers} = \frac{\text{Number of Normal Weight Toddlers}}{\text{Number of Toddlers Weighed}} \times 100\%$$

$$\text{Proportion of Overweight \& Obese Toddlers} = \frac{\text{Number of Overweight \& Obese Toddlers}}{\text{Number of Toddlers Weighed}} \times 100\%$$

Based on the BL/Age indicator:

$$\text{Proportion of Severely Stunted Toddlers} = \frac{\text{Number of Severely Stunted Toddlers}}{\text{Number of Toddlers Measured}} \times 100\%$$

$$\text{Proportion of Stunted Toddlers} = \frac{\text{Number of Stunted Toddlers}}{\text{Number of Toddlers Measured}} \times 100\%$$

$$\text{Proportion of Normal Height Toddlers} = \frac{\text{Number of Normal Height Toddlers}}{\text{Number of Toddlers Measured}} \times 100\%$$

Based on the BW/BL indicator:

$$\text{Proportion of Toddlers with Severely Wasting} = \frac{\text{Number of Toddlers with Severely Wasting}}{\text{Number of Toddlers Measured}} \times 100\%$$

$$\text{Proportion of Toddlers with Wasting} = \frac{\text{Number of Toddlers with Wasting}}{\text{Number of Toddlers Measured}} \times 100\%$$

$$\text{Proportion of Normal Nutrition Toddlers} = \frac{\text{Number of Normal Nutrition Toddlers}}{\text{Number of Toddlers Measured}} \times 100\%$$

$$\text{Proportion of Overweight and Obese Toddlers} = \frac{\text{Number of Overweight and Obese Toddlers}}{\text{Number of Toddlers Measured}} \times 100\%$$

Table 14.104 Prevalence of Nutritional Status (BW/Age) in Children Aged 0-23 Months (Toddlers Under 2) by Province, 2023 SKI

| Province | Nutritional Status Based on BW/Age | | | | | | Weighted N | |
|--------------------|---------------------------------------|----------------|-------------|------------------|-------------|--------------------|----------------|--|
| | Severely Underweight | | Underweight | | Normal | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 5.3 | 4.5 - 6.2 | 13.7 | 12.5 - 15.0 | 81.0 | 79.4 - 82.4 | 2,220 | |
| North Sumatera | 3.2 | 2.7 - 3.9 | 8.4 | 7.5 - 9.5 | 88.3 | 87.0 - 89.5 | 6,776 | |
| West Sumatera | 2.9 | 2.3 - 3.6 | 13.5 | 12.1 - 15.0 | 83.6 | 82.0 - 85.1 | 2,332 | |
| Riau | 1.8 | 1.4 - 2.5 | 8.7 | 7.5 - 10.0 | 89.5 | 88.0 - 90.8 | 2,824 | |
| Jambi | 1.8 | 1.2 - 2.6 | 6.1 | 5.0 - 7.5 | 92.1 | 90.5 - 93.4 | 1,344 | |
| South Sumatera | 2.7 | 2.0 - 3.6 | 10.8 | 9.5 - 12.3 | 86.5 | 84.8 - 88.0 | 3,470 | |
| Bengkulu | 2.1 | 1.5 - 3.0 | 7.0 | 5.8 - 8.5 | 90.8 | 89.2 - 92.2 | 874 | |
| Lampung | 1.5 | 1.0 - 2.1 | 8.5 | 7.3 - 9.8 | 90.1 | 88.5 - 91.4 | 3,723 | |
| Bangka Belitung | 2.5 | 1.7 - 3.8 | 10.7 | 9.0 - 12.6 | 86.8 | 84.7 - 88.7 | 584 | |
| Riau Islands | 3.2 | 1.8 - 5.5 | 6.9 | 4.8 - 9.8 | 90.0 | 86.7 - 92.5 | 937 | |
| DKI Jakarta | 4.1 | 2.9 - 5.7 | 11.0 | 8.8 - 13.6 | 85.0 | 81.9 - 87.6 | 3,610 | |
| West Java | 2.5 | 2.0 - 3.0 | 9.7 | 8.8 - 10.8 | 87.8 | 86.6 - 88.9 | 19,517 | |
| Central Java | 1.7 | 1.4 - 2.1 | 8.8 | 8.1 - 9.6 | 89.4 | 88.6 - 90.2 | 13,777 | |
| DI Yogyakarta | 1.7 | 1.1 - 2.7 | 10.3 | 8.5 - 12.4 | 88.0 | 85.7 - 89.9 | 1,124 | |
| East Java | 1.6 | 1.3 - 2.0 | 8.0 | 7.3 - 8.8 | 90.4 | 89.5 - 91.1 | 14,071 | |
| Banten | 3.4 | 2.5 - 4.5 | 12.0 | 10.1 - 14.2 | 84.7 | 82.1 - 86.9 | 4,622 | |
| Bali | 0.9 | 0.5 - 1.4 | 3.7 | 2.8 - 4.8 | 95.4 | 94.2 - 96.4 | 1,596 | |
| West Nusa Tenggara | 2.8 | 2.0 - 3.7 | 12.7 | 10.7 - 15.1 | 84.5 | 82.0 - 86.7 | 2,530 | |
| East Nusa Tenggara | 6.3 | 5.5 - 7.3 | 18.5 | 17.3 - 19.7 | 75.2 | 73.8 - 76.6 | 2,842 | |
| West Kalimantan | 5.4 | 4.4 - 6.6 | 13.8 | 12.2 - 15.5 | 80.8 | 78.9 - 82.6 | 2,156 | |
| Central Kalimantan | 3.9 | 2.9 - 5.1 | 12.4 | 10.5 - 14.7 | 83.7 | 81.4 - 85.8 | 1,185 | |
| South Kalimantan | 5.3 | 4.1 - 6.8 | 13.7 | 12.2 - 15.3 | 81.0 | 79.0 - 82.9 | 1,785 | |
| East Kalimantan | 3.4 | 2.5 - 4.7 | 12.3 | 10.5 - 14.3 | 84.3 | 81.9 - 86.5 | 1,513 | |
| North Kalimantan | 2.9 | 2.0 - 4.4 | 10.1 | 8.2 - 12.4 | 86.9 | 84.3 - 89.2 | 308 | |
| North Sulawesi | 3.6 | 2.5 - 5.1 | 11.1 | 9.5 - 13.0 | 85.3 | 83.1 - 87.3 | 997 | |
| Central Sulawesi | 5.9 | 5.0 - 7.1 | 14.8 | 13.3 - 16.5 | 79.2 | 77.3 - 81.0 | 1,408 | |
| South Sulawesi | 3.6 | 2.9 - 4.3 | 12.6 | 11.5 - 13.8 | 83.8 | 82.4 - 85.2 | 3,981 | |
| Southeast Sulawesi | 4.9 | 4.0 - 5.9 | 14.9 | 13.2 - 16.8 | 80.2 | 78.3 - 82.0 | 1,305 | |
| Gorontalo | 4.3 | 3.2 - 5.9 | 13.7 | 11.3 - 16.6 | 81.9 | 79.0 - 84.5 | 542 | |
| West Sulawesi | 4.4 | 3.2 - 6.0 | 14.5 | 12.2 - 17.0 | 81.1 | 78.3 - 83.7 | 745 | |
| Maluku | 6.5 | 5.3 - 8.0 | 15.8 | 13.9 - 17.9 | 77.7 | 75.3 - 79.9 | 856 | |
| North Maluku | 5.7 | 4.5 - 7.2 | 14.6 | 12.6 - 16.7 | 79.8 | 77.4 - 82.0 | 592 | |
| West Papua | 4.9 | 3.0 - 8.0 | 13.1 | 10.3 - 16.4 | 82.0 | 78.1 - 85.3 | 288 | |
| Southwest Papua | 5.6 | 4.0 - 7.7 | 15.5 | 13.1 - 18.3 | 78.9 | 75.6 - 81.8 | 319 | |
| Papua | 6.4 | 4.4 - 9.1 | 15.0 | 12.1 - 18.5 | 78.6 | 74.6 - 82.2 | 541 | |
| South Papua | 7.3 | 4.2 - 12.3 | 14.7 | 11.6 - 18.5 | 78.0 | 72.3 - 82.8 | 339 | |
| Central Papua | 9.5 | 5.1 - 16.9 | 14.7 | 7.8 - 26.0 | 75.8 | 66.2 - 83.4 | 623 | |
| Highland Papua | 4.1 | 2.1 - 7.8 | 5.4 | 3.4 - 8.5 | 90.5 | 86.2 - 93.6 | 416 | |
| INDONESIA | 2.9 | 2.8-3.1 | 10.4 | 10.1-10.7 | 86.7 | 86.4 - 87.0 | 108,673 | |

Table 14.105 Proportion of Nutritional Status (BW/Age) in Children Aged 0-23 Months (Toddlers Under 2) by Characteristic, SKI 2023

| Characteristic | Nutritional Status Based on BW/Age | | | | | | Weighted N |
|--|------------------------------------|------------|-------------|-------------|--------|-------------|------------|
| | Severely Underweight | | Underweight | | Normal | | |
| % | 95% CI | % | 95% CI | % | 95% CI | | |
| Age Range (month) | | | | | | | |
| 0 - 5 | 2.7 | 2.4 - 3.1 | 7.7 | 7.2 - 8.2 | 89.6 | 89.0 - 90.2 | 24,126 |
| 6 - 11 | 2.3 | 2.0 - 2.6 | 8.0 | 7.4 - 8.5 | 89.7 | 89.1 - 90.3 | 26,470 |
| 12 - 23 | 3.3 | 3.1 - 3.5 | 12.6 | 12.2 - 13.0 | 84.1 | 83.6 - 84.6 | 58,077 |
| Infant Age (month) | | | | | | | |
| 0 - 11 | 2.5 | 2.3 - 2.7 | 7.8 | 7.5 - 8.2 | 89.7 | 89.2 - 90.1 | 50,596 |
| Sex | | | | | | | |
| Male | 3.4 | 3.2 - 3.7 | 11.7 | 11.3 - 12.1 | 84.9 | 84.4 - 85.4 | 55,542 |
| Female | 2.4 | 2.2 - 2.6 | 9.0 | 8.6 - 9.4 | 88.6 | 88.2 - 89.0 | 53,131 |
| HoH Education | | | | | | | |
| Never attended school | 4.6 | 3.7 - 5.7 | 12.5 | 10.8 - 14.5 | 82.8 | 80.7 - 84.8 | 2,564 |
| Some primary school/Islamic primary school | 4.3 | 3.4 - 5.4 | 12.6 | 11.1 - 14.1 | 83.2 | 81.4 - 84.8 | 4,511 |
| Primary school/Islamic primary school graduate | 3.4 | 3.0 - 3.7 | 11.8 | 11.0 - 12.6 | 84.8 | 84.0 - 85.7 | 22,315 |
| Junior secondary school/Islamic junior secondary school graduate | 3.1 | 2.7 - 3.4 | 10.8 | 10.1 - 11.4 | 86.2 | 85.4 - 86.9 | 22,265 |
| Senior secondary school/Islamic senior secondary school graduate | 2.7 | 2.4 - 2.9 | 9.7 | 9.3 - 10.2 | 87.6 | 87.1 - 88.1 | 43,657 |
| D1/D2/D3/University graduate | 2.0 | 1.7 - 2.4 | 8.4 | 7.8 - 9.1 | 89.6 | 88.8 - 90.3 | 13,360 |
| HoH Occupation | | | | | | | |
| Unemployed | 4.2 | 3.2 - 5.7 | 11.1 | 9.4 - 13.1 | 84.7 | 82.3 - 86.7 | 3,014 |
| Student | 5.0 | 2.1 - 11.2 | 12.7 | 7.2 - 21.4 | 82.3 | 73.2 - 88.8 | 245 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 1.7 | 1.4 - 2.2 | 8.7 | 7.6 - 9.9 | 89.5 | 88.3 - 90.7 | 4,905 |
| Private employee | 2.6 | 2.3 - 3.0 | 8.6 | 8.0 - 9.2 | 88.8 | 88.1 - 89.5 | 23,511 |
| Self-employed | 2.4 | 2.2 - 2.7 | 9.7 | 9.2 - 10.3 | 87.9 | 87.3 - 88.4 | 31,885 |
| Farmer/farm worker | 3.6 | 3.3 - 3.9 | 11.9 | 11.4 - 12.5 | 84.5 | 83.8 - 85.0 | 22,654 |
| Fisher | 4.6 | 3.8 - 5.7 | 13.1 | 11.3 - 15.1 | 82.3 | 80.2 - 84.3 | 2,433 |
| Labor/driver/domestic help | 3.3 | 2.9 - 3.9 | 11.9 | 10.9 - 12.9 | 84.8 | 83.6 - 85.9 | 16,032 |
| Others | 2.7 | 2.2 - 3.3 | 10.8 | 9.6 - 12.1 | 86.5 | 85.1 - 87.8 | 3,994 |
| Residence | | | | | | | |
| Urban | 2.8 | 2.6 - 3.0 | 9.9 | 9.5 - 10.3 | 87.3 | 86.8 - 87.8 | 62,996 |
| Rural | 3.1 | 2.9 - 3.4 | 11.0 | 10.6 - 11.5 | 85.8 | 85.3 - 86.3 | 45,677 |

Table 14.106 Prevalence of Nutritional Status (BL/Age) in Children Aged 0-23 Months (Toddlers Under 2) by Province, SKI 2023

| Province | Nutritional Status by BL/Age | | | | | | Weighted N | |
|--------------------|------------------------------|------------------|-------------|--------------------|-------------|--------------------|----------------|--|
| | Severely Stunting | | Stunting | | Normal | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 7.6 | 6.6 - 8.6 | 17.2 | 15.9 - 18.5 | 75.3 | 73.7 - 76.8 | 2,220 | |
| North Sumatera | 4.8 | 4.2 - 5.5 | 10.0 | 8.9 - 11.2 | 85.2 | 83.8 - 86.5 | 6,776 | |
| West Sumatera | 6.5 | 5.3 - 8.0 | 13.2 | 11.9 - 14.6 | 80.3 | 78.3 - 82.1 | 2,332 | |
| Riau | 3.3 | 2.4 - 4.6 | 9.1 | 7.9 - 10.4 | 87.6 | 85.8 - 89.2 | 2,824 | |
| Jambi | 4.7 | 3.6 - 6.2 | 8.8 | 7.3 - 10.6 | 86.5 | 84.1 - 88.6 | 1,344 | |
| South Sumatera | 6.1 | 5.0 - 7.3 | 11.3 | 10.1 - 12.6 | 82.6 | 80.9 - 84.2 | 3,470 | |
| Bengkulu | 6.1 | 5.0 - 7.5 | 11.9 | 10.3 - 13.7 | 82.0 | 79.9 - 84.0 | 874 | |
| Lampung | 3.5 | 2.8 - 4.5 | 9.8 | 8.5 - 11.4 | 86.6 | 84.9 - 88.2 | 3,723 | |
| Bangka Belitung | 6.7 | 5.3 - 8.4 | 14.1 | 12.2 - 16.3 | 79.1 | 76.5 - 81.6 | 584 | |
| Riau Islands | 3.1 | 2.0 - 5.0 | 13.8 | 11.2 - 16.8 | 83.1 | 80.1 - 85.7 | 937 | |
| DKI Jakarta | 5.7 | 4.3 - 7.5 | 12.6 | 10.5 - 14.9 | 81.8 | 78.9 - 84.4 | 3,610 | |
| West Java | 4.7 | 4.1 - 5.4 | 13.0 | 12.0 - 14.0 | 82.3 | 81.1 - 83.5 | 19,517 | |
| Central Java | 4.1 | 3.6 - 4.6 | 12.7 | 11.8 - 13.6 | 83.3 | 82.3 - 84.3 | 13,777 | |
| DI Yogyakarta | 5.0 | 3.7 - 6.7 | 13.2 | 11.3 - 15.4 | 81.8 | 79.3 - 84.0 | 1,124 | |
| East Java | 3.8 | 3.3 - 4.3 | 11.3 | 10.5 - 12.2 | 84.9 | 83.9 - 85.8 | 14,071 | |
| Banten | 7.5 | 6.0 - 9.3 | 13.6 | 11.7 - 15.7 | 79.0 | 76.1 - 81.5 | 4,622 | |
| Bali | 2.0 | 1.4 - 2.8 | 5.0 | 3.8 - 6.5 | 93.1 | 91.3 - 94.5 | 1,596 | |
| West Nusa Tenggara | 4.8 | 3.6 - 6.4 | 15.1 | 13.2 - 17.3 | 80.1 | 77.7 - 82.3 | 2,530 | |
| East Nusa Tenggara | 10.0 | 9.1 - 11.0 | 21.0 | 19.7 - 22.4 | 69.0 | 67.4 - 70.4 | 2,842 | |
| West Kalimantan | 7.3 | 6.1 - 8.6 | 16.2 | 14.5 - 18.0 | 76.6 | 74.5 - 78.6 | 2,156 | |
| Central Kalimantan | 7.9 | 6.3 - 9.9 | 13.5 | 11.5 - 15.7 | 78.7 | 76.1 - 81.0 | 1,185 | |
| South Kalimantan | 7.1 | 5.9 - 8.5 | 13.7 | 12.3 - 15.2 | 79.2 | 77.4 - 81.0 | 1,785 | |
| East Kalimantan | 6.0 | 4.8 - 7.6 | 14.1 | 12.3 - 16.0 | 79.9 | 77.5 - 82.1 | 1,513 | |
| North Kalimantan | 3.9 | 2.6 - 5.9 | 10.8 | 8.2 - 13.9 | 85.3 | 81.8 - 88.3 | 308 | |
| North Sulawesi | 7.5 | 6.1 - 9.3 | 14.6 | 12.6 - 17.0 | 77.8 | 74.9 - 80.5 | 997 | |
| Central Sulawesi | 7.3 | 6.2 - 8.5 | 15.4 | 13.8 - 17.2 | 77.3 | 75.3 - 79.2 | 1,408 | |
| South Sulawesi | 6.3 | 5.5 - 7.2 | 17.2 | 15.7 - 18.8 | 76.5 | 74.7 - 78.2 | 3,981 | |
| Southeast Sulawesi | 9.1 | 7.9 - 10.4 | 15.7 | 14.2 - 17.3 | 75.2 | 73.2 - 77.1 | 1,305 | |
| Gorontalo | 9.4 | 7.3 - 12.0 | 15.8 | 13.3 - 18.5 | 74.9 | 71.4 - 78.0 | 542 | |
| West Sulawesi | 5.6 | 4.1 - 7.7 | 16.0 | 13.9 - 18.4 | 78.3 | 75.6 - 80.8 | 745 | |
| Maluku | 8.6 | 7.1 - 10.3 | 14.2 | 12.3 - 16.3 | 77.2 | 74.8 - 79.5 | 856 | |
| North Maluku | 7.7 | 6.3 - 9.5 | 13.7 | 11.7 - 16.0 | 78.6 | 75.8 - 81.1 | 592 | |
| West Papua | 6.4 | 4.5 - 9.1 | 16.4 | 13.1 - 20.4 | 77.2 | 72.6 - 81.2 | 288 | |
| Southwest Papua | 9.1 | 7.0 - 11.6 | 16.8 | 13.5 - 20.7 | 74.2 | 70.2 - 77.8 | 319 | |
| Papua | 11.3 | 8.5 - 14.8 | 15.5 | 12.5 - 18.9 | 73.2 | 68.9 - 77.2 | 541 | |
| South Papua | 8.5 | 5.8 - 12.2 | 13.3 | 8.8 - 19.5 | 78.3 | 72.1 - 83.4 | 339 | |
| Central Papua | 18.4 | 13.2 - 25.1 | 18.2 | 12.7 - 25.4 | 63.4 | 54.9 - 71.0 | 623 | |
| Highland Papua | 20.5 | 15.5 - 26.6 | 14.7 | 10.1 - 20.9 | 64.8 | 56.8 - 72.0 | 416 | |
| INDONESIA | 5.4 | 5.2 - 5.6 | 12.9 | 12.6 - 13.2 | 81.7 | 81.3 - 82.0 | 108,673 | |

Table 14.107 Proportion of Nutritional Status (BL/Age) in Children Aged 0-23 Months (Toddlers Under 2) by Characteristics, 2023 SKI

| Characteristic | Nutritional Status based on BL/Age | | | | | | Weighted N |
|--|------------------------------------|------------|----------|-------------|--------|-------------|------------|
| | Severe Stunting | | Stunting | | Normal | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (month) | | | | | | | |
| 0 - 5 | 4.7 | 4.3 - 5.1 | 9.1 | 8.5 - 9.6 | 86.3 | 85.6 - 86.9 | 24,126 |
| 6 - 11 | 3.3 | 3.0 - 3.6 | 9.8 | 9.3 - 10.4 | 86.9 | 86.3 - 87.5 | 26,470 |
| 12 - 23 | 6.7 | 6.4 - 7.0 | 15.9 | 15.5 - 16.4 | 77.3 | 76.8 - 77.9 | 58,077 |
| Infant Age (month) | | | | | | | |
| 0 - 11 | 3.9 | 3.7 - 4.2 | 9.5 | 9.1 - 9.8 | 86.6 | 86.1 - 87.1 | 50,596 |
| Sex | | | | | | | |
| Male | 6.4 | 6.1 - 6.7 | 14.3 | 13.9 - 14.8 | 79.3 | 78.7 - 79.8 | 55,542 |
| Female | 4.4 | 4.1 - 4.7 | 11.4 | 11.0 - 11.9 | 84.2 | 83.7 - 84.7 | 53,131 |
| Pendidikan | | | | | | | |
| Never attended school | 8.7 | 7.2 - 10.6 | 16.3 | 14.5 - 18.3 | 74.9 | 72.4 - 77.3 | 2,564 |
| Some primary school/Islamic primary school | 7.9 | 6.6 - 9.5 | 13.7 | 12.4 - 15.1 | 78.4 | 76.5 - 80.1 | 4,511 |
| Primary school/Islamic primary school graduate | 6.4 | 5.9 - 6.9 | 14.7 | 14.0 - 15.5 | 78.9 | 78.0 - 79.8 | 22,315 |
| Junior secondary school/Islamic junior secondary school graduate | 5.6 | 5.2 - 6.1 | 13.2 | 12.5 - 14.0 | 81.1 | 80.3 - 82.0 | 22,265 |
| Senior secondary school/Islamic senior secondary school graduate | 4.7 | 4.4 - 5.0 | 12.3 | 11.8 - 12.8 | 83.1 | 82.5 - 83.6 | 43,657 |
| D1/D2/D3/University graduate | 4.4 | 4.0 - 5.0 | 10.6 | 9.9 - 11.4 | 85.0 | 84.0 - 85.8 | 13,360 |
| Occupation | | | | | | | |
| Unemployed | 7.2 | 5.8 - 8.9 | 14.1 | 12.3 - 16.1 | 78.7 | 76.1 - 81.1 | 3,014 |
| Student | 6.9 | 2.7 - 16.7 | 20.5 | 12.7 - 31.4 | 72.6 | 61.4 - 81.6 | 245 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 4.8 | 4.0 - 5.8 | 9.2 | 8.2 - 10.3 | 86.0 | 84.5 - 87.3 | 4,905 |
| Private employee | 4.4 | 4.0 - 4.8 | 11.1 | 10.4 - 11.8 | 84.5 | 83.7 - 85.3 | 23,511 |
| Self-employed | 4.7 | 4.4 - 5.1 | 12.0 | 11.5 - 12.5 | 83.3 | 82.7 - 83.9 | 31,885 |
| Farmer/farm worker | 6.7 | 6.3 - 7.1 | 14.8 | 14.3 - 15.4 | 78.5 | 77.8 - 79.2 | 22,654 |
| Fisher | 7.6 | 6.2 - 9.3 | 15.4 | 13.7 - 17.2 | 77.0 | 74.7 - 79.2 | 2,433 |
| Labor/driver/domestic help | 6.0 | 5.4 - 6.8 | 15.2 | 14.2 - 16.3 | 78.8 | 77.6 - 79.9 | 16,032 |
| Others | 5.6 | 4.6 - 6.7 | 12.8 | 11.5 - 14.3 | 81.6 | 79.8 - 83.2 | 3,994 |
| Residence | | | | | | | |
| Urban | 4.9 | 4.7 - 5.2 | 12.3 | 11.8 - 12.7 | 82.8 | 82.3 - 83.3 | 62,996 |
| Rural | 6.1 | 5.8 - 6.4 | 13.9 | 13.4 - 14.3 | 80.1 | 79.5 - 80.6 | 45,677 |

Table 14.108 Prevalence of Nutritional Status (BW/BL) in Children Aged 0-23 Months (Toddlers Under 2) by Province, 2023 SKI

| Province | Nutritional Status Based on BW/BL | | | | | | | | Weighted N | |
|--------------------|-----------------------------------|------------------|------------------|------------------|-------------|--------------------|----------------------|------------------|----------------|--|
| | Severely Wasting | | Moderate Wasting | | Normal | | Overweight and Obese | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 4.9 | 4.1 - 5.8 | 9.9 | 8.8 - 11.1 | 81.7 | 80.2 - 83.1 | 3.6 | 3.0 - 4.3 | 2,220 | |
| North Sumatera | 3.4 | 2.8 - 4.2 | 6.8 | 6.0 - 7.8 | 86.3 | 85.0 - 87.5 | 3.5 | 2.8 - 4.2 | 6,776 | |
| West Sumatera | 3.5 | 2.8 - 4.3 | 8.0 | 7.0 - 9.1 | 85.5 | 84.0 - 87.0 | 3.0 | 2.4 - 3.9 | 2,332 | |
| Riau | 2.1 | 1.5 - 2.9 | 7.3 | 6.1 - 8.6 | 87.6 | 85.9 - 89.1 | 3.0 | 2.4 - 3.9 | 2,824 | |
| Jambi | 1.1 | 0.7 - 1.6 | 5.4 | 4.3 - 6.7 | 88.1 | 86.1 - 89.9 | 5.5 | 4.0 - 7.4 | 1,344 | |
| South Sumatera | 2.7 | 2.2 - 3.4 | 8.0 | 7.0 - 9.1 | 84.0 | 82.5 - 85.5 | 5.2 | 4.3 - 6.4 | 3,470 | |
| Bengkulu | 2.4 | 1.7 - 3.3 | 5.3 | 4.2 - 6.6 | 87.5 | 85.5 - 89.3 | 4.8 | 3.8 - 6.0 | 874 | |
| Lampung | 1.9 | 1.4 - 2.5 | 6.0 | 4.9 - 7.2 | 88.9 | 87.4 - 90.3 | 3.2 | 2.6 - 4.1 | 3,723 | |
| Bangka Belitung | 2.7 | 1.9 - 3.9 | 6.4 | 5.0 - 8.0 | 85.2 | 82.9 - 87.2 | 5.8 | 4.5 - 7.3 | 584 | |
| Riau Islands | 1.7 | 0.8 - 3.7 | 5.0 | 3.5 - 6.9 | 88.6 | 85.9 - 90.8 | 4.7 | 3.0 - 7.3 | 937 | |
| DKI Jakarta | 4.5 | 3.3 - 6.1 | 8.3 | 6.2 - 10.9 | 82.0 | 79.1 - 84.5 | 5.3 | 3.9 - 7.0 | 3,610 | |
| West Java | 2.0 | 1.6 - 2.5 | 5.2 | 4.5 - 5.9 | 89.0 | 88.0 - 90.0 | 3.8 | 3.3 - 4.4 | 19,517 | |
| Central Java | 1.5 | 1.3 - 1.9 | 5.7 | 5.2 - 6.4 | 88.6 | 87.7 - 89.4 | 4.1 | 3.7 - 4.7 | 13,777 | |
| DI Yogyakarta | 2.1 | 1.2 - 3.5 | 6.1 | 4.8 - 7.8 | 88.4 | 86.4 - 90.3 | 3.3 | 2.4 - 4.6 | 1,124 | |
| East Java | 1.2 | 0.9 - 1.5 | 5.0 | 4.5 - 5.7 | 89.3 | 88.5 - 90.1 | 4.4 | 3.9 - 5.0 | 14,071 | |
| Banten | 3.5 | 2.6 - 4.7 | 6.8 | 5.5 - 8.4 | 85.3 | 83.2 - 87.1 | 4.4 | 3.5 - 5.7 | 4,622 | |
| Bali | 0.5 | 0.3 - 1.0 | 3.2 | 2.0 - 4.9 | 91.0 | 89.0 - 92.6 | 5.3 | 4.2 - 6.7 | 1,596 | |
| West Nusa Tenggara | 1.4 | 1.0 - 2.0 | 6.0 | 4.9 - 7.4 | 89.9 | 88.2 - 91.3 | 2.7 | 1.9 - 3.9 | 2,530 | |
| East Nusa Tenggara | 4.9 | 4.1 - 5.7 | 9.9 | 9.0 - 10.9 | 81.5 | 80.2 - 82.8 | 3.7 | 3.1 - 4.4 | 2,842 | |
| West Kalimantan | 4.6 | 3.6 - 5.7 | 9.3 | 8.0 - 10.7 | 81.5 | 79.5 - 83.4 | 4.6 | 3.6 - 5.9 | 2,156 | |
| Central Kalimantan | 3.3 | 2.2 - 4.8 | 6.9 | 5.4 - 8.8 | 85.1 | 82.5 - 87.3 | 4.7 | 3.4 - 6.4 | 1,185 | |
| South Kalimantan | 4.7 | 3.8 - 5.9 | 9.1 | 7.9 - 10.5 | 82.3 | 80.5 - 84.1 | 3.8 | 3.1 - 4.7 | 1,785 | |
| East Kalimantan | 3.4 | 2.4 - 4.7 | 7.6 | 6.1 - 9.4 | 84.8 | 82.7 - 86.8 | 4.2 | 3.1 - 5.6 | 1,513 | |
| North Kalimantan | 2.9 | 2.0 - 4.4 | 6.7 | 4.9 - 9.2 | 87.9 | 84.9 - 90.4 | 2.4 | 1.5 - 3.9 | 308 | |
| North Sulawesi | 3.5 | 2.6 - 4.7 | 7.7 | 6.3 - 9.3 | 84.2 | 82.0 - 86.3 | 4.6 | 3.4 - 6.1 | 997 | |
| Central Sulawesi | 4.7 | 3.9 - 5.6 | 9.5 | 8.3 - 10.9 | 82.8 | 81.0 - 84.3 | 3.1 | 2.4 - 3.9 | 1,408 | |
| South Sulawesi | 1.9 | 1.5 - 2.4 | 7.5 | 6.5 - 8.6 | 86.6 | 85.3 - 87.9 | 4.0 | 3.4 - 4.8 | 3,981 | |
| Southeast Sulawesi | 4.3 | 3.6 - 5.3 | 8.7 | 7.5 - 9.9 | 81.6 | 79.8 - 83.3 | 5.4 | 4.3 - 6.8 | 1,305 | |
| Gorontalo | 3.3 | 2.3 - 4.6 | 8.8 | 7.1 - 11.0 | 83.9 | 81.3 - 86.2 | 4.0 | 2.7 - 5.8 | 542 | |
| West Sulawesi | 3.3 | 2.3 - 4.8 | 8.2 | 6.6 - 10.2 | 86.1 | 83.6 - 88.2 | 2.4 | 1.6 - 3.5 | 745 | |
| Maluku | 5.6 | 4.5 - 7.0 | 12.3 | 10.7 - 14.2 | 79.5 | 77.2 - 81.6 | 2.6 | 1.9 - 3.4 | 856 | |
| North Maluku | 6.9 | 5.5 - 8.6 | 10.8 | 9.0 - 12.8 | 77.7 | 74.9 - 80.1 | 4.7 | 3.6 - 6.0 | 592 | |
| West Papua | 4.9 | 3.0 - 8.2 | 7.4 | 5.4 - 10.1 | 83.4 | 79.9 - 86.4 | 4.2 | 3.0 - 6.0 | 288 | |
| Southwest Papua | 4.6 | 3.1 - 6.7 | 10.1 | 7.8 - 12.9 | 80.5 | 76.4 - 84.0 | 4.9 | 3.4 - 6.9 | 319 | |
| Papua | 5.4 | 3.7 - 7.8 | 10.8 | 8.2 - 14.1 | 80.3 | 76.7 - 83.4 | 3.5 | 2.4 - 5.0 | 541 | |
| South Papua | 6.2 | 4.0 - 9.5 | 14.2 | 10.7 - 18.7 | 73.6 | 67.8 - 78.7 | 5.9 | 4.1 - 8.5 | 339 | |
| Central Papua | 5.6 | 3.5 - 8.9 | 9.5 | 5.6 - 15.6 | 76.2 | 68.1 - 82.8 | 8.7 | 5.5 - 13.6 | 623 | |
| Highland Papua | 6.5 | 4.5 - 9.1 | 6.8 | 4.1 - 11.0 | 75.3 | 69.3 - 80.5 | 11.5 | 7.5 - 17.2 | 416 | |
| INDONESIA | 2.6 | 2.4 - 2.7 | 6.6 | 6.4 - 6.8 | 86.7 | 86.4 - 87.0 | 4.1 | 3.9 - 4.3 | 108,673 | |

Table 14.109 Proportion of Nutritional Status (BW/BL) in Children Aged 0-23 Months (Toddlers Under 2) by Characteristic, 2023 SKI

| Characteristic | Nutritional Status based on BW/BL | | | | | | | | Weighted N |
|--|-----------------------------------|------------|------------------|-----------|--------|-------------|----------------------|------------|------------|
| | Severely Wasting | | Moderate Wasting | | Normal | | Overweight and Obese | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (month) | | | | | | | | | |
| 0 - 5 | 2.6 | 2.3 - 2.9 | 5.3 | 4.8 - 5.7 | 84.5 | 83.8 - 85.2 | 7.6 | 7.1 - 8.1 | 24,126 |
| 6 - 11 | 2.4 | 2.1 - 2.7 | 6.1 | 5.7 - 6.6 | 87.5 | 86.8 - 88.1 | 4.0 | 3.7 - 4.4 | 26,470 |
| 12 - 23 | 2.6 | 2.5 - 2.8 | 7.4 | 7.1 - 7.7 | 87.3 | 86.9 - 87.7 | 2.7 | 2.5 - 2.9 | 58,077 |
| Infant Age (month) | | | | | | | | | |
| 0 - 11 | 2.5 | 2.3 - 2.7 | 5.7 | 5.4 - 6.0 | 86.1 | 85.6 - 86.5 | 5.7 | 5.4 - 6.1 | 50,596 |
| Sex | | | | | | | | | |
| Male | 3.0 | 2.8 - 3.2 | 7.3 | 6.9 - 7.6 | 85.4 | 85.0 - 85.9 | 4.3 | 4.1 - 4.6 | 55,542 |
| Female | 2.1 | 1.9 - 2.3 | 5.9 | 5.6 - 6.2 | 88.1 | 87.6 - 88.5 | 3.9 | 3.7 - 4.2 | 53,131 |
| Pendidikan | | | | | | | | | |
| Never attended school | 4.4 | 3.5 - 5.5 | 7.4 | 6.2 - 8.9 | 82.8 | 80.7 - 84.7 | 5.4 | 4.2 - 6.8 | 2,564 |
| Some primary school/Islamic primary school | 2.6 | 2.2 - 3.2 | 8.1 | 7.1 - 9.2 | 84.8 | 83.3 - 86.2 | 4.5 | 3.6 - 5.5 | 4,511 |
| Primary school/Islamic primary school graduate | 2.5 | 2.2 - 2.9 | 7.0 | 6.4 - 7.6 | 86.3 | 85.5 - 87.0 | 4.2 | 3.8 - 4.7 | 22,315 |
| Junior secondary school/Islamic junior secondary school graduate | 2.6 | 2.3 - 2.9 | 6.9 | 6.4 - 7.4 | 86.7 | 86.0 - 87.4 | 3.8 | 3.4 - 4.2 | 22,265 |
| Senior secondary school/Islamic senior secondary school graduate | 2.6 | 2.3 - 2.8 | 6.5 | 6.2 - 6.9 | 87.0 | 86.5 - 87.5 | 3.9 | 3.7 - 4.2 | 43,657 |
| D1/D2/D3/University graduate | 2.3 | 2.0 - 2.7 | 5.1 | 4.6 - 5.6 | 87.9 | 87.2 - 88.7 | 4.7 | 4.2 - 5.2 | 13,360 |
| Occupation | | | | | | | | | |
| Unemployed | 3.5 | 2.6 - 4.8 | 7.9 | 6.3 - 9.9 | 84.6 | 82.2 - 86.7 | 3.9 | 2.9 - 5.3 | 3,014 |
| Student | 6.2 | 3.2 - 11.7 | 4.5 | 2.3 - 8.6 | 83.4 | 76.4 - 88.6 | 5.9 | 3.0 - 11.1 | 245 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 2.1 | 1.5 - 2.8 | 5.0 | 4.4 - 5.8 | 87.0 | 85.5 - 88.3 | 5.9 | 4.9 - 7.1 | 4,905 |
| Private employee | 2.3 | 2.0 - 2.7 | 5.7 | 5.2 - 6.3 | 88.1 | 87.3 - 88.7 | 3.9 | 3.5 - 4.3 | 23,511 |
| Self-employed | 2.4 | 2.2 - 2.7 | 6.4 | 6.0 - 6.8 | 87.0 | 86.5 - 87.6 | 4.2 | 3.8 - 4.5 | 31,885 |
| Farmer/farm worker/Fisher | 2.7 | 2.5 - 3.0 | 7.6 | 7.2 - 8.1 | 85.2 | 84.6 - 85.8 | 4.4 | 4.1 - 4.8 | 22,654 |
| Fisher | 3.6 | 2.9 - 4.5 | 8.3 | 6.9 - 9.8 | 84.7 | 82.7 - 86.5 | 3.5 | 2.7 - 4.4 | 2,433 |
| Labor/driver/domestic help | 2.7 | 2.3 - 3.2 | 7.0 | 6.3 - 7.8 | 86.7 | 85.7 - 87.6 | 3.6 | 3.1 - 4.1 | 16,032 |
| Others | 2.6 | 2.0 - 3.3 | 6.2 | 5.4 - 7.1 | 87.4 | 86.1 - 88.6 | 3.8 | 3.1 - 4.6 | 3,994 |
| Residence | | | | | | | | | |
| Urban | 2.5 | 2.3 - 2.7 | 6.4 | 6.1 - 6.7 | 87.1 | 86.7 - 87.5 | 4.0 | 3.8 - 4.3 | 62,996 |
| Rural | 2.7 | 2.5 - 2.9 | 6.9 | 6.6 - 7.2 | 86.2 | 85.7 - 86.6 | 4.2 | 3.9 - 4.5 | 45,677 |

14.9 NUTRITIONAL STATUS OF CHILDREN UNDER FIVE

The nutritional status of children under five is measured based on age, weight (BW), and height (BH). The weight of children under five is measured using a digital scale with a precision of 0.05 kg, while height is measured using a height measuring tool with a precision of 0.1 cm. The weight and height variables are presented in the form of three anthropometric indices: weight-for-age (BW/Age), height-for-age (BH/Age), and weight-for-height (BW/BH). To assess the nutritional status of children under five, the weight and height values of each child are converted into standardized scores (Z-scores) using the WHO 2005 child growth standards. Based on the Z-scores of each indicator, the nutritional status of children under five is determined with the following classifications:

- a. Nutritional status classification based on weight-for-age (BW/Age):

| | |
|----------------------|--|
| Severely Underweight | : Z-score < -3,0 |
| Underweight | : $Z\text{-score} \geq -3,0$ s/d $Z\text{-score} < -2,0$ |
| Normal | : $Z\text{-score} \geq -2,0$ s/d $Z\text{-score} \leq 2,0$ |
| Overweight and Obese | : $Z\text{-score} > 2,0$ |

- b. Nutritional status classification based on height-for-age (BH/Age):

| | |
|-------------------|--|
| Severely Stunting | : Z-score < -3,0 |
| Stunting | : $Z\text{-score} \geq -3,0$ s/d $Z\text{-score} < -2,0$ |
| Normal | : $Z\text{-score} \geq -2,0$ |

- c. Nutritional status classification based on weight-for-height (BW/BH):

| | |
|----------------------|--|
| Severely Wasting | : Z-score < -3,0 |
| Wasting | : $Z\text{-score} \geq -3,0$ s/d $Z\text{-score} < -2,0$ |
| Normal | : $Z\text{-score} \geq -2,0$ s/d $Z\text{-score} \leq 2,0$ |
| Overweight and Obese | : $Z\text{-score} > 2,0$ |

Based on weight-for-age (BW/Age) indicator

$$\text{Proportion of Severely Underweight Children Under Five} = \frac{\text{Number of Severely Underweight Children Under Five}}{\text{Number of Children Under Five Weighed}} \times 100\%$$

$$\text{Proportion of Underweight Children Under Five} = \frac{\text{Number of Underweight Children Under Five}}{\text{Number of Children Under Five Weighed}} \times 100\%$$

$$\text{Proportion of Normal Weight Children Under Five} = \frac{\text{Number of Normal Weight Children Under Five}}{\text{Number of Children Under Five Weighed}} \times 100\%$$

$$\text{Proportion of Overweight and Obese Children Under Five} = \frac{\text{Number of Overweight and Obese Children Under Five}}{\text{Number of Children Under Five Weighed}} \times 100\%$$

Based on height-for-age (BH/Age) indicator:

| | |
|---|--|
| <i>Proportion of Severely Stunted Children Under Five =</i> | $\frac{\text{Number of Severely Stunted Children Under Five}}{\text{Number of Children Under Five Measured}} \times 100\%$ |
| <i>Proportion of Stunted Children Under Five =</i> | $\frac{\text{Number of Stunted Children Under Five}}{\text{Number of Children Under Five Measured}} \times 100\%$ |
| <i>Proportion of Normal Height Children Under Five =</i> | $\frac{\text{Number of Normal Height Children Under Five}}{\text{Number of Children Under Five Measured}} \times 100\%$ |

Based on weight-for-height (BW/BH) indicator:

| | |
|---|--|
| <i>Proportion of Children Under Five with Severe Wasting =</i> | $\frac{\text{Number of Children Under Five with Severe Wasting}}{\text{Number of Children Under Five Measured for Weight and Height}} \times 100\%$ |
| <i>Proportion of Children Under Five with Wasting =</i> | $\frac{\text{Number of Children Under Five with Wasting}}{\text{Number of Children Under Five Measured for Weight and Height}} \times 100\%$ |
| <i>Proportion of Normal Weight-for-Height Children Under Five =</i> | $\frac{\text{Number of Normal Weight-for-Height Children Under Five}}{\text{Number of Children Under Five Measured for Weight and Height}} \times 100\%$ |
| <i>Proportion of Overweight and Obese Children Under Five =</i> | $\frac{\text{Number of Overweight and Obese Children Under Five}}{\text{Number of Children Under Five Measured for Weight and Height}} \times 100\%$ |

Table 14.110 Prevalence of Nutritional Status (BW/Age) in Children Aged 0-59 Months (Under-Five) by Province, 2023 SKI

| Province | Nutritional Status based on BW/Age | | | | | | Weighted N | |
|--------------------|------------------------------------|------------------|-------------|--------------------|-------------|--------------------|----------------|--|
| | Severely Underweight | | Underweight | | Normal | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 4.9 | 4.4 - 5.4 | 17.7 | 16.9 - 18.6 | 77.4 | 76.4 - 78.3 | 6,841 | |
| North Sumatera | 2.9 | 2.5 - 3.3 | 10.3 | 9.6 - 11.1 | 86.8 | 85.9 - 87.7 | 19,298 | |
| West Sumatera | 3.1 | 2.7 - 3.6 | 14.5 | 13.7 - 15.4 | 82.4 | 81.4 - 83.3 | 6,769 | |
| Riau | 2.2 | 1.8 - 2.6 | 10.2 | 9.4 - 11.1 | 87.6 | 86.7 - 88.5 | 8,116 | |
| Jambi | 1.5 | 1.2 - 1.9 | 7.4 | 6.5 - 8.3 | 91.1 | 90.1 - 92.1 | 4,355 | |
| South Sumatera | 3.0 | 2.6 - 3.5 | 12.4 | 11.5 - 13.3 | 84.6 | 83.6 - 85.5 | 10,120 | |
| Bengkulu | 1.8 | 1.4 - 2.2 | 9.0 | 8.0 - 10.0 | 89.3 | 88.2 - 90.3 | 2,467 | |
| Lampung | 1.6 | 1.3 - 2.0 | 10.6 | 9.8 - 11.6 | 87.7 | 86.7 - 88.6 | 10,712 | |
| Bangka Belitung | 2.7 | 2.1 - 3.4 | 10.7 | 9.6 - 11.9 | 86.6 | 85.3 - 87.9 | 1,733 | |
| Riau Islands | 2.4 | 1.7 - 3.4 | 10.2 | 8.5 - 12.0 | 87.4 | 85.2 - 89.4 | 2,613 | |
| DKI Jakarta | 3.2 | 2.5 - 3.9 | 11.4 | 10.0 - 12.9 | 85.5 | 83.8 - 87.0 | 10,252 | |
| West Java | 2.4 | 2.1 - 2.7 | 12.3 | 11.7 - 13.0 | 85.3 | 84.6 - 86.0 | 54,183 | |
| Central Java | 2.2 | 2.0 - 2.5 | 12.2 | 11.7 - 12.8 | 85.6 | 84.9 - 86.1 | 37,972 | |
| DI Yogyakarta | 1.8 | 1.4 - 2.3 | 11.6 | 10.3 - 12.9 | 86.7 | 85.2 - 88.0 | 3,296 | |
| East Java | 2.0 | 1.8 - 2.3 | 11.3 | 10.7 - 11.8 | 86.7 | 86.1 - 87.3 | 39,162 | |
| Banten | 3.5 | 2.8 - 4.3 | 14.2 | 13.0 - 15.5 | 82.3 | 80.8 - 83.6 | 13,618 | |
| Bali | 0.7 | 0.5 - 1.0 | 4.9 | 4.2 - 5.9 | 94.3 | 93.4 - 95.1 | 4,270 | |
| West Nusa Tenggara | 3.6 | 3.0 - 4.2 | 17.2 | 15.8 - 18.7 | 79.2 | 77.5 - 80.8 | 6,921 | |
| East Nusa Tenggara | 6.8 | 6.3 - 7.4 | 22.9 | 22.0 - 23.7 | 70.3 | 69.3 - 71.3 | 7,762 | |
| West Kalimantan | 5.3 | 4.6 - 6.0 | 15.8 | 14.8 - 16.9 | 78.9 | 77.6 - 80.2 | 6,703 | |
| Central Kalimantan | 3.6 | 3.0 - 4.4 | 14.1 | 12.7 - 15.6 | 82.3 | 80.6 - 83.8 | 3,270 | |
| South Kalimantan | 5.4 | 4.7 - 6.2 | 16.2 | 15.1 - 17.3 | 78.5 | 77.1 - 79.8 | 4,923 | |
| East Kalimantan | 3.2 | 2.6 - 3.9 | 14.9 | 13.7 - 16.2 | 82.0 | 80.5 - 83.4 | 4,420 | |
| North Kalimantan | 2.6 | 2.0 - 3.4 | 12.7 | 11.0 - 14.6 | 84.7 | 82.7 - 86.6 | 867 | |
| North Sulawesi | 2.9 | 2.3 - 3.5 | 11.4 | 10.3 - 12.6 | 85.8 | 84.5 - 87.0 | 2,714 | |
| Central Sulawesi | 5.9 | 5.2 - 6.6 | 18.5 | 17.3 - 19.8 | 75.6 | 74.2 - 77.0 | 3,700 | |
| South Sulawesi | 3.9 | 3.5 - 4.4 | 16.1 | 15.3 - 16.9 | 79.9 | 79.0 - 80.9 | 10,595 | |
| Southeast Sulawesi | 5.3 | 4.7 - 6.0 | 18.6 | 17.5 - 19.7 | 76.1 | 74.8 - 77.3 | 3,607 | |
| Gorontalo | 5.3 | 4.4 - 6.4 | 16.7 | 15.1 - 18.4 | 78.0 | 75.9 - 80.0 | 1,423 | |
| West Sulawesi | 4.6 | 3.8 - 5.5 | 18.5 | 16.9 - 20.2 | 76.9 | 75.1 - 78.7 | 1,960 | |
| Maluku | 6.7 | 5.8 - 7.7 | 18.4 | 17.1 - 19.8 | 74.9 | 73.2 - 76.5 | 2,418 | |
| North Maluku | 4.9 | 4.2 - 5.8 | 16.0 | 14.7 - 17.4 | 79.1 | 77.4 - 80.6 | 1,689 | |
| West Papua | 4.7 | 2.8 - 7.7 | 15.4 | 13.4 - 17.6 | 79.9 | 76.5 - 82.9 | 751 | |
| Southwest Papua | 6.7 | 5.4 - 8.4 | 17.2 | 15.3 - 19.4 | 76.0 | 73.3 - 78.6 | 816 | |
| Papua | 5.6 | 4.2 - 7.6 | 15.1 | 13.3 - 17.1 | 79.3 | 76.5 - 81.8 | 1,536 | |
| South Papua | 5.1 | 3.5 - 7.3 | 14.9 | 13.0 - 17.1 | 80.0 | 76.6 - 82.9 | 1,019 | |
| Central Papua | 8.5 | 6.3 - 11.4 | 13.7 | 10.4 - 17.8 | 77.8 | 73.5 - 81.6 | 1,814 | |
| Highland Papua | 3.7 | 2.5 - 5.4 | 11.7 | 9.1 - 15.0 | 84.6 | 80.8 - 87.8 | 1,594 | |
| INDONESIA | 3.0 | 2.9 - 3.1 | 12.9 | 12.7 - 13.1 | 84.1 | 83.8 - 84.3 | 306,281 | |

Table 14.111 Proportion of Nutritional Status (BW/Age) in Children Aged 0-59 Months (Under-Five) by Characteristic, 2023 SKI

| Characteristic | Nutritional Status based on BW/Age | | | | | | |
|--|------------------------------------|-----------|-------------|-------------|--------|-------------|---------|
| | Severely Underweight | | Underweight | | Normal | Weighted N | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (month) | | | | | | | |
| 0 - 5 | 2.7 | 2.4 - 3.1 | 7.7 | 7.2 - 8.2 | 89.6 | 89.0 - 90.2 | 24,148 |
| 6 - 11 | 2.3 | 2.0 - 2.6 | 8.0 | 7.4 - 8.5 | 89.7 | 89.1 - 90.3 | 26,495 |
| 12 - 23 | 3.3 | 3.1 - 3.5 | 12.6 | 12.2 - 13.0 | 84.1 | 83.6 - 84.6 | 58,130 |
| 24 - 35 | 3.4 | 3.2 - 3.7 | 14.9 | 14.5 - 15.4 | 81.6 | 81.1 - 82.1 | 61,910 |
| 36 - 47 | 3.1 | 2.9 - 3.3 | 14.3 | 13.9 - 14.7 | 82.6 | 82.1 - 83.0 | 67,714 |
| 48 - 59 | 2.6 | 2.4 - 2.9 | 13.9 | 13.5 - 14.3 | 83.5 | 83.0 - 83.9 | 67,885 |
| Infant Age (month) | | | | | | | |
| 0 - 11 | 2.5 | 2.3 - 2.7 | 7.8 | 7.5 - 8.2 | 89.7 | 89.2 - 90.1 | 50,642 |
| Sex | | | | | | | |
| Male | 3.2 | 3.1 - 3.3 | 13.5 | 13.2 - 13.7 | 83.3 | 83.0 - 83.6 | 156,673 |
| Female | 2.8 | 2.7 - 2.9 | 12.4 | 12.1 - 12.7 | 84.8 | 84.5 - 85.1 | 149,608 |
| Pendidikan | | | | | | | |
| Never attended school | 4.8 | 4.2 - 5.6 | 15.6 | 14.5 - 16.8 | 79.5 | 78.1 - 80.9 | 7,237 |
| Some primary school/Islamic primary school | 4.6 | 4.0 - 5.3 | 15.7 | 14.8 - 16.6 | 79.7 | 78.6 - 80.8 | 12,575 |
| Primary school/Islamic primary school graduate | 3.8 | 3.5 - 4.0 | 15.0 | 14.5 - 15.5 | 81.2 | 80.7 - 81.7 | 61,200 |
| Junior secondary school/Islamic junior secondary school graduate | 3.2 | 3.0 - 3.4 | 14.0 | 13.5 - 14.4 | 82.9 | 82.4 - 83.4 | 63,346 |
| Senior secondary school/Islamic senior secondary school graduate | 2.6 | 2.5 - 2.8 | 12.0 | 11.7 - 12.3 | 85.4 | 85.1 - 85.7 | 123,968 |
| D1/D2/D3/University graduate | 1.9 | 1.7 - 2.1 | 9.7 | 9.3 - 10.2 | 88.4 | 87.9 - 88.9 | 37,954 |
| Occupation | | | | | | | |
| Unemployed | 4.8 | 4.0 - 5.7 | 13.1 | 12.0 - 14.3 | 82.1 | 80.6 - 83.5 | 8,227 |
| Student | 2.5 | 1.3 - 4.7 | 15.6 | 11.6 - 20.6 | 81.9 | 76.8 - 86.0 | 730 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 1.8 | 1.6 - 2.1 | 9.1 | 8.5 - 9.8 | 89.0 | 88.3 - 89.7 | 14,006 |
| Private employee | 2.2 | 2.0 - 2.4 | 10.8 | 10.4 - 11.3 | 87.0 | 86.5 - 87.4 | 67,300 |
| Self-employed | 2.7 | 2.5 - 2.8 | 12.0 | 11.7 - 12.3 | 85.4 | 85.0 - 85.7 | 89,576 |
| Farmer/farm worker | 4.0 | 3.8 - 4.2 | 15.4 | 15.0 - 15.8 | 80.6 | 80.2 - 81.1 | 63,723 |
| Fisher | 5.2 | 4.6 - 5.9 | 18.3 | 17.0 - 19.7 | 76.5 | 74.9 - 78.0 | 6,594 |
| Labor/driver/domestic help | 3.3 | 3.0 - 3.6 | 14.9 | 14.3 - 15.6 | 81.8 | 81.1 - 82.5 | 44,616 |
| Others | 2.8 | 2.5 - 3.3 | 12.9 | 12.0 - 13.8 | 84.3 | 83.3 - 85.2 | 11,510 |
| Residence | | | | | | | |
| Urban | 2.7 | 2.6 - 2.9 | 12.2 | 11.9 - 12.4 | 85.1 | 84.8 - 85.4 | 178,047 |
| Rural | 3.4 | 3.3 - 3.5 | 14.0 | 13.7 - 14.3 | 82.6 | 82.3 - 82.9 | 128,234 |

Table 14.112 Prevalence of Nutritional Status (BH/Age) in Children Aged 0-59 Months (Under-Five) by Province, 2023 SKI

| Province | Nutritional Status based on BH/Age | | | | | | Weighted N | |
|--------------------|------------------------------------|------------------|-------------|--------------------|-------------|--------------------|----------------|--|
| | Severely Stunting | | Stunting | | Normal | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 9.1 | 8.5 - 9.9 | 20.2 | 19.4 - 21.1 | 70.6 | 69.5 - 71.7 | 6,841 | |
| North Sumatera | 5.7 | 5.1 - 6.4 | 13.2 | 12.4 - 14.1 | 81.1 | 79.8 - 82.3 | 19,298 | |
| West Sumatera | 6.6 | 5.9 - 7.4 | 17.1 | 16.1 - 18.1 | 76.4 | 75.1 - 77.5 | 6,769 | |
| Riau | 3.3 | 2.8 - 3.9 | 10.3 | 9.4 - 11.1 | 86.4 | 85.3 - 87.4 | 8,116 | |
| Jambi | 4.0 | 3.3 - 4.7 | 9.5 | 8.6 - 10.6 | 86.5 | 85.2 - 87.7 | 4,355 | |
| South Sumatera | 6.0 | 5.3 - 6.7 | 14.3 | 13.5 - 15.3 | 79.7 | 78.6 - 80.8 | 10,120 | |
| Bengkulu | 5.8 | 5.1 - 6.6 | 14.4 | 13.3 - 15.7 | 79.8 | 78.3 - 81.2 | 2,467 | |
| Lampung | 3.6 | 3.2 - 4.2 | 11.3 | 10.4 - 12.2 | 85.1 | 84.1 - 86.1 | 10,712 | |
| Bangka Belitung | 5.6 | 4.8 - 6.5 | 15.1 | 13.8 - 16.5 | 79.4 | 77.7 - 80.9 | 1,733 | |
| Riau Islands | 3.7 | 2.9 - 4.8 | 13.1 | 11.5 - 14.9 | 83.2 | 81.1 - 85.1 | 2,613 | |
| DKI Jakarta | 4.5 | 3.7 - 5.4 | 13.1 | 11.9 - 14.4 | 82.4 | 80.8 - 83.9 | 10,252 | |
| West Java | 5.1 | 4.6 - 5.5 | 16.6 | 15.9 - 17.4 | 78.3 | 77.4 - 79.2 | 54,183 | |
| Central Java | 4.7 | 4.3 - 5.1 | 16.0 | 15.4 - 16.7 | 79.3 | 78.5 - 80.0 | 37,972 | |
| DI Yogyakarta | 3.6 | 3.0 - 4.4 | 14.4 | 13.1 - 15.7 | 82.0 | 80.6 - 83.3 | 3,296 | |
| East Java | 3.8 | 3.5 - 4.2 | 13.8 | 13.3 - 14.4 | 82.3 | 81.7 - 83.0 | 39,162 | |
| Banten | 7.0 | 6.0 - 8.3 | 16.9 | 15.6 - 18.3 | 76.0 | 74.3 - 77.7 | 13,618 | |
| Bali | 1.7 | 1.3 - 2.1 | 5.5 | 4.8 - 6.4 | 92.8 | 91.8 - 93.7 | 4,270 | |
| West Nusa Tenggara | 5.2 | 4.5 - 6.1 | 19.3 | 17.6 - 21.1 | 75.4 | 73.5 - 77.3 | 6,921 | |
| East Nusa Tenggara | 11.7 | 11.0 - 12.4 | 26.2 | 25.3 - 27.2 | 62.1 | 61.0 - 63.2 | 7,762 | |
| West Kalimantan | 7.2 | 6.4 - 8.1 | 17.3 | 16.2 - 18.5 | 75.5 | 74.1 - 76.8 | 6,703 | |
| Central Kalimantan | 7.6 | 6.7 - 8.7 | 15.9 | 14.5 - 17.4 | 76.5 | 74.6 - 78.2 | 3,270 | |
| South Kalimantan | 7.8 | 6.9 - 8.8 | 16.9 | 15.8 - 18.1 | 75.3 | 73.9 - 76.7 | 4,923 | |
| East Kalimantan | 5.7 | 4.9 - 6.7 | 17.1 | 15.9 - 18.5 | 77.1 | 75.4 - 78.7 | 4,420 | |
| North Kalimantan | 4.6 | 3.8 - 5.6 | 12.8 | 11.0 - 14.8 | 82.6 | 80.4 - 84.7 | 867 | |
| North Sulawesi | 6.5 | 5.6 - 7.6 | 14.8 | 13.6 - 16.1 | 78.7 | 76.9 - 80.4 | 2,714 | |
| Central Sulawesi | 7.6 | 6.8 - 8.4 | 19.6 | 18.5 - 20.9 | 72.8 | 71.3 - 74.3 | 3,700 | |
| South Sulawesi | 6.7 | 6.1 - 7.2 | 20.7 | 19.8 - 21.7 | 72.6 | 71.5 - 73.7 | 10,595 | |
| Southeast Sulawesi | 9.4 | 8.6 - 10.2 | 20.6 | 19.6 - 21.7 | 70.0 | 68.7 - 71.2 | 3,607 | |
| Gorontalo | 8.4 | 7.3 - 9.7 | 18.4 | 16.8 - 20.2 | 73.1 | 71.2 - 75.0 | 1,423 | |
| West Sulawesi | 7.6 | 6.3 - 9.0 | 22.8 | 21.0 - 24.6 | 69.7 | 67.4 - 71.9 | 1,960 | |
| Maluku | 10.1 | 9.0 - 11.2 | 18.3 | 17.0 - 19.7 | 71.6 | 69.9 - 73.3 | 2,418 | |
| North Maluku | 7.6 | 6.8 - 8.6 | 16.0 | 14.6 - 17.6 | 76.3 | 74.4 - 78.1 | 1,689 | |
| Papua | 8.0 | 6.3 - 10.0 | 16.8 | 14.3 - 19.6 | 75.2 | 71.4 - 78.7 | 751 | |
| South Papua | 10.7 | 9.1 - 12.5 | 20.3 | 18.1 - 22.7 | 69.0 | 66.5 - 71.5 | 816 | |
| Central Papua | 10.4 | 8.7 - 12.3 | 18.2 | 16.2 - 20.4 | 71.4 | 68.6 - 74.1 | 1,536 | |
| Highland Papua | 9.3 | 7.5 - 11.5 | 15.8 | 13.5 - 18.2 | 75.0 | 71.8 - 77.9 | 1,019 | |
| West Papua | 20.7 | 16.6 - 25.5 | 18.6 | 15.6 - 22.1 | 60.6 | 54.6 - 66.4 | 1,814 | |
| Southwest Papua | 20.2 | 16.6 - 24.4 | 17.1 | 13.8 - 20.9 | 62.7 | 57.4 - 67.7 | 1,594 | |
| INDONESIA | 5.7 | 5.6 - 5.9 | 15.8 | 15.6 - 16.0 | 78.5 | 78.2 - 78.7 | 306,281 | |

Table 14.113 Proportion of Nutritional Status (BH/Age) in Children Aged 0-59 Months (Under-Five) by Characteristic, 2023 SKI

| Characteristic | Nutritional Status Based on BH/Age | | | | | | Weighted N |
|--|------------------------------------|------------|----------|-------------|--------|-------------|------------|
| | Severely Stunting | | Stunting | | Normal | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (month) | | | | | | | |
| 0 - 5 | 4.7 | 4.3 - 5.1 | 9.1 | 8.5 - 9.6 | 86.3 | 85.6 - 86.9 | 24,148 |
| 6 - 11 | 3.3 | 3.0 - 3.6 | 9.8 | 9.3 - 10.4 | 86.9 | 86.3 - 87.5 | 26,495 |
| 12 - 23 | 6.7 | 6.4 - 7.0 | 15.9 | 15.5 - 16.4 | 77.3 | 76.8 - 77.9 | 58,130 |
| 24 - 35 | 6.9 | 6.6 - 7.3 | 18.8 | 18.3 - 19.3 | 74.2 | 73.7 - 74.8 | 61,910 |
| 36 - 47 | 6.0 | 5.7 - 6.3 | 17.6 | 17.2 - 18.1 | 76.4 | 75.9 - 76.9 | 67,714 |
| 48 - 59 | 4.8 | 4.5 - 5.1 | 15.9 | 15.4 - 16.3 | 79.3 | 78.8 - 79.8 | 67,885 |
| Infant Age (month) | | | | | | | |
| 0 - 11 | 3.9 | 3.7 - 4.2 | 9.5 | 9.1 - 9.8 | 86.6 | 86.1 - 87.1 | 50,642 |
| Sex | | | | | | | |
| Male | 6.4 | 6.2 - 6.6 | 16.5 | 16.2 - 16.8 | 77.1 | 76.8 - 77.5 | 156,673 |
| Female | 5.0 | 4.8 - 5.2 | 15.1 | 14.8 - 15.4 | 79.9 | 79.6 - 80.3 | 149,608 |
| Pendidikan | | | | | | | |
| Never attended school | 10.5 | 9.3 - 11.7 | 19.5 | 18.3 - 20.8 | 70.0 | 68.3 - 71.6 | 7,237 |
| Some primary school/Islamic primary school | 8.8 | 8.0 - 9.6 | 18.4 | 17.4 - 19.5 | 72.8 | 71.6 - 74.0 | 12,575 |
| Primary school/Islamic primary school graduate | 7.3 | 6.9 - 7.6 | 18.8 | 18.3 - 19.4 | 73.9 | 73.3 - 74.5 | 61,200 |
| Junior secondary school/Islamic junior secondary school graduate | 6.0 | 5.7 - 6.3 | 17.1 | 16.6 - 17.6 | 76.9 | 76.3 - 77.5 | 63,346 |
| Senior secondary school/Islamic senior secondary school graduate | 4.8 | 4.6 - 5.0 | 14.3 | 14.0 - 14.7 | 80.9 | 80.5 - 81.2 | 123,968 |
| D1/D2/D3/University graduate | 3.9 | 3.6 - 4.2 | 12.0 | 11.5 - 12.5 | 84.1 | 83.6 - 84.7 | 37,954 |
| Occupation | | | | | | | |
| Unemployed | 8.1 | 6.9 - 9.5 | 17.0 | 15.7 - 18.5 | 74.9 | 73.1 - 76.6 | 8,227 |
| Student | 6.7 | 4.1 - 10.6 | 17.3 | 13.3 - 22.2 | 76.0 | 70.0 - 81.2 | 730 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 4.2 | 3.7 - 4.7 | 11.0 | 10.3 - 11.7 | 84.9 | 84.0 - 85.7 | 14,006 |
| Private employee | 3.9 | 3.7 - 4.2 | 12.8 | 12.4 - 13.2 | 83.3 | 82.8 - 83.8 | 67,300 |
| Self-employed | 5.0 | 4.8 - 5.3 | 14.6 | 14.2 - 15.0 | 80.4 | 79.9 - 80.8 | 89,576 |
| Farmer/farm worker | 8.0 | 7.7 - 8.3 | 18.7 | 18.3 - 19.2 | 73.3 | 72.7 - 73.8 | 63,723 |
| Fisher | 8.0 | 7.2 - 8.9 | 20.4 | 19.1 - 21.9 | 71.6 | 70.0 - 73.1 | 6,594 |
| Labor/driver/domestic help | 6.3 | 5.9 - 6.7 | 19.1 | 18.3 - 19.8 | 74.7 | 73.9 - 75.5 | 44,616 |
| Others | 5.5 | 4.9 - 6.1 | 16.2 | 15.2 - 17.3 | 78.3 | 77.2 - 79.5 | 11,510 |
| Residence | | | | | | | |
| Urban | 5.0 | 4.8 - 5.2 | 14.7 | 14.4 - 15.0 | 80.3 | 79.9 - 80.7 | 178,047 |
| Rural | 6.7 | 6.5 - 6.9 | 17.3 | 17.0 - 17.6 | 76.0 | 75.6 - 76.3 | 128,234 |

Table 14.114 Prevalence of Nutritional Status (BW/BH) in Children Aged 0-59 Months (Under-Five) by Province, 2023 SKI

| Province | Nutritional Status According to BW/BH | | | | | | | | |
|--------------------|---------------------------------------|------------------|------------|------------------|-------------|--------------------|--------------------|------------------|----------------|
| | Severely Wasting | | Wasting | | Normal | | Overweight & Obese | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 3.8 | 3.4 - 4.3 | 9.8 | 9.2 - 10.5 | 82.8 | 82.0 - 83.7 | 3.5 | 3.2 - 3.9 | 6,841 |
| North Sumatera | 2.4 | 2.1 - 2.8 | 5.5 | 5.0 - 6.0 | 88.6 | 87.8 - 89.4 | 3.5 | 3.1 - 3.9 | 19,298 |
| West Sumatera | 2.4 | 2.0 - 2.8 | 7.0 | 6.3 - 7.7 | 88.0 | 87.1 - 88.8 | 2.7 | 2.3 - 3.1 | 6,769 |
| Riau | 1.6 | 1.3 - 2.0 | 6.5 | 5.8 - 7.3 | 88.8 | 87.8 - 89.7 | 3.1 | 2.6 - 3.5 | 8,116 |
| Jambi | 1.7 | 1.3 - 2.1 | 4.9 | 4.2 - 5.7 | 88.2 | 86.8 - 89.4 | 5.3 | 4.2 - 6.6 | 4,355 |
| South Sumatera | 2.7 | 2.3 - 3.1 | 7.0 | 6.4 - 7.7 | 85.2 | 84.3 - 86.1 | 5.1 | 4.4 - 5.8 | 10,120 |
| Bengkulu | 2.3 | 1.8 - 2.9 | 4.9 | 4.2 - 5.8 | 87.5 | 86.1 - 88.7 | 5.3 | 4.6 - 6.1 | 2,467 |
| Lampung | 1.5 | 1.2 - 1.9 | 5.8 | 5.2 - 6.5 | 89.3 | 88.3 - 90.2 | 3.4 | 2.9 - 3.9 | 10,712 |
| Bangka Belitung | 2.4 | 1.9 - 3.1 | 5.6 | 4.8 - 6.5 | 84.0 | 82.6 - 85.4 | 7.9 | 7.0 - 9.0 | 1,733 |
| Riau Islands | 1.4 | 1.0 - 2.2 | 4.9 | 3.9 - 6.1 | 89.1 | 87.5 - 90.4 | 4.6 | 3.7 - 5.7 | 2,613 |
| DKI Jakarta | 2.9 | 2.2 - 3.6 | 7.2 | 6.1 - 8.5 | 83.2 | 81.6 - 84.7 | 6.7 | 5.7 - 7.9 | 10,252 |
| West Java | 1.3 | 1.1 - 1.6 | 5.0 | 4.6 - 5.4 | 89.7 | 89.2 - 90.3 | 3.9 | 3.6 - 4.3 | 54,183 |
| Central Java | 1.6 | 1.4 - 1.8 | 5.5 | 5.2 - 5.9 | 88.7 | 88.2 - 89.2 | 4.2 | 3.9 - 4.6 | 37,972 |
| DI Yogyakarta | 1.4 | 1.0 - 2.0 | 5.7 | 4.8 - 6.7 | 89.2 | 88.0 - 90.4 | 3.6 | 3.0 - 4.3 | 3,296 |
| East Java | 1.2 | 1.0 - 1.4 | 5.6 | 5.2 - 6.0 | 88.9 | 88.3 - 89.4 | 4.3 | 4.0 - 4.7 | 39,162 |
| Banten | 3.2 | 2.6 - 3.9 | 7.0 | 6.2 - 7.9 | 84.9 | 83.6 - 86.1 | 4.9 | 4.1 - 5.7 | 13,618 |
| Bali | 0.5 | 0.3 - 0.8 | 3.1 | 2.3 - 4.0 | 91.7 | 90.6 - 92.6 | 4.8 | 4.1 - 5.5 | 4,270 |
| West Nusa Tenggara | 1.4 | 1.1 - 1.7 | 7.2 | 6.4 - 8.1 | 89.8 | 88.7 - 90.7 | 1.7 | 1.3 - 2.2 | 6,921 |
| East Nusa Tenggara | 4.2 | 3.7 - 4.6 | 9.4 | 8.8 - 10.0 | 83.9 | 83.1 - 84.7 | 2.5 | 2.2 - 2.9 | 7,762 |
| West Kalimantan | 4.1 | 3.5 - 4.8 | 9.2 | 8.4 - 10.1 | 81.2 | 79.9 - 82.4 | 5.5 | 4.8 - 6.3 | 6,703 |
| Central Kalimantan | 2.5 | 2.0 - 3.3 | 6.5 | 5.6 - 7.5 | 83.8 | 82.1 - 85.4 | 7.2 | 6.0 - 8.6 | 3,270 |
| South Kalimantan | 3.4 | 2.9 - 4.0 | 9.0 | 8.2 - 9.9 | 82.8 | 81.6 - 83.9 | 4.8 | 4.2 - 5.4 | 4,923 |
| East Kalimantan | 2.5 | 2.0 - 3.1 | 7.6 | 6.7 - 8.7 | 85.2 | 83.8 - 86.5 | 4.7 | 4.1 - 5.4 | 4,420 |
| North Kalimantan | 2.2 | 1.7 - 2.9 | 6.5 | 5.4 - 7.8 | 86.9 | 85.1 - 88.4 | 4.4 | 3.5 - 5.5 | 867 |
| North Sulawesi | 2.8 | 2.2 - 3.7 | 6.4 | 5.7 - 7.2 | 85.3 | 83.8 - 86.7 | 5.4 | 4.6 - 6.4 | 2,714 |
| Central Sulawesi | 3.2 | 2.8 - 3.7 | 9.7 | 8.9 - 10.5 | 84.5 | 83.4 - 85.5 | 2.6 | 2.2 - 3.1 | 3,700 |
| South Sulawesi | 1.7 | 1.4 - 2.0 | 7.4 | 6.8 - 8.1 | 87.0 | 86.1 - 87.8 | 3.9 | 3.5 - 4.4 | 10,595 |
| Southeast Sulawesi | 3.8 | 3.3 - 4.4 | 8.3 | 7.6 - 9.1 | 83.6 | 82.5 - 84.7 | 4.3 | 3.6 - 5.0 | 3,607 |
| Gorontalo | 3.5 | 2.7 - 4.5 | 9.2 | 8.0 - 10.6 | 82.8 | 81.0 - 84.5 | 4.4 | 3.6 - 5.4 | 1,423 |
| West Sulawesi | 2.1 | 1.6 - 2.7 | 7.4 | 6.5 - 8.5 | 88.0 | 86.6 - 89.3 | 2.4 | 1.9 - 3.2 | 1,960 |
| Maluku | 4.4 | 3.7 - 5.2 | 11.0 | 10.0 - 12.0 | 81.8 | 80.4 - 83.2 | 2.8 | 2.3 - 3.4 | 2,418 |
| North Maluku | 5.3 | 4.4 - 6.3 | 10.5 | 9.4 - 11.8 | 80.6 | 78.9 - 82.3 | 3.5 | 2.9 - 4.3 | 1,689 |
| West Papua | 3.2 | 2.3 - 4.6 | 8.3 | 6.9 - 9.9 | 83.7 | 80.9 - 86.1 | 4.8 | 3.6 - 6.3 | 751 |
| Southwest Papua | 4.2 | 3.1 - 5.5 | 9.2 | 7.7 - 10.9 | 82.2 | 79.8 - 84.3 | 4.5 | 3.5 - 5.8 | 816 |
| Papua | 3.9 | 3.0 - 5.0 | 9.2 | 7.7 - 11.0 | 82.2 | 79.9 - 84.4 | 4.7 | 3.7 - 6.0 | 1,536 |
| South Papua | 4.2 | 3.1 - 5.6 | 9.6 | 7.6 - 12.0 | 81.0 | 78.1 - 83.7 | 5.2 | 4.1 - 6.7 | 1,019 |
| Central Papua | 9.2 | 6.8 - 12.3 | 9.0 | 6.6 - 12.2 | 69.0 | 62.6 - 74.7 | 12.8 | 8.7 - 18.4 | 1,814 |
| Highland Papua | 4.5 | 3.1 - 6.4 | 6.4 | 4.9 - 8.4 | 78.8 | 74.9 - 82.2 | 10.3 | 7.7 - 13.5 | 1,594 |
| INDONESIA | 2.1 | 2.0 - 2.2 | 6.4 | 6.2 - 6.5 | 87.3 | 87.1 - 87.5 | 4.2 | 4.1 - 4.4 | 306,281 |

Table 14.115 Proportion of Nutritional Status (BW/BH) in Children Aged 0-59 Months (Under-5) by Characteristic, 2023 SKI

| Characteristic | Nutritional Status Based on BW/BH | | | | | | | | Weighted N | |
|--|-----------------------------------|-----------|---------|-----------|--------|-------------|--------------------|------------|------------|--|
| | Severely Wasting | | Wasting | | Normal | | Overweight & Obese | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Age Range (month) | | | | | | | | | | |
| 0 - 5 | 2.6 | 2.3 - 2.9 | 5.3 | 4.8 - 5.7 | 84.5 | 83.8 - 85.2 | 7.6 | 7.1 - 8.1 | 24,148 | |
| 6 - 11 | 2.4 | 2.1 - 2.7 | 6.1 | 5.7 - 6.6 | 87.5 | 86.8 - 88.1 | 4.0 | 3.7 - 4.4 | 26,495 | |
| 12 - 23 | 2.6 | 2.5 - 2.8 | 7.4 | 7.1 - 7.7 | 87.3 | 86.9 - 87.7 | 2.7 | 2.5 - 2.9 | 58,130 | |
| 24 - 35 | 2.1 | 2.0 - 2.3 | 6.3 | 6.1 - 6.6 | 88.2 | 87.8 - 88.6 | 3.3 | 3.1 - 3.6 | 61,910 | |
| 36 - 47 | 1.7 | 1.5 - 1.8 | 6.1 | 5.8 - 6.4 | 87.9 | 87.5 - 88.3 | 4.3 | 4.1 - 4.5 | 67,714 | |
| 48 - 59 | 1.9 | 1.7 - 2.0 | 6.3 | 6.1 - 6.6 | 86.6 | 86.2 - 87.0 | 5.2 | 4.9 - 5.5 | 67,885 | |
| Infant Age (month) | | | | | | | | | | |
| 0 - 11 | 2.5 | 2.3 - 2.7 | 5.7 | 5.4 - 6.0 | 86.1 | 85.6 - 86.5 | 5.7 | 5.4 - 6.1 | 50,642 | |
| Sex | | | | | | | | | | |
| Male | 2.4 | 2.3 - 2.5 | 6.9 | 6.7 - 7.1 | 86.2 | 85.9 - 86.4 | 4.5 | 4.3 - 4.7 | 156,673 | |
| Female | 1.8 | 1.7 - 1.9 | 5.8 | 5.6 - 6.0 | 88.4 | 88.2 - 88.7 | 4.0 | 3.8 - 4.1 | 149,608 | |
| Pendidikan | | | | | | | | | | |
| Never attended school | 4.2 | 3.5 - 5.0 | 6.8 | 6.1 - 7.6 | 84.6 | 83.3 - 85.8 | 4.4 | 3.7 - 5.3 | 7,237 | |
| Some primary school/Islamic primary school | 2.2 | 1.9 - 2.5 | 7.8 | 7.2 - 8.5 | 86.4 | 85.5 - 87.2 | 3.6 | 3.2 - 4.2 | 12,575 | |
| Primary school/Islamic primary school graduate | 2.2 | 2.1 - 2.4 | 6.6 | 6.3 - 6.9 | 87.5 | 87.1 - 88.0 | 3.6 | 3.4 - 3.9 | 61,200 | |
| Junior secondary school/Islamic junior secondary school graduate | 2.1 | 2.0 - 2.3 | 6.6 | 6.3 - 6.9 | 87.6 | 87.2 - 88.0 | 3.7 | 3.5 - 4.0 | 63,346 | |
| Senior secondary school/Islamic senior secondary school graduate | 2.1 | 2.0 - 2.2 | 6.3 | 6.1 - 6.5 | 87.2 | 86.9 - 87.5 | 4.4 | 4.2 - 4.6 | 123,968 | |
| D1/D2/D3/University graduate | 1.7 | 1.5 - 1.8 | 5.3 | 5.0 - 5.6 | 87.4 | 86.9 - 87.9 | 5.6 | 5.3 - 6.0 | 37,954 | |
| Occupation | | | | | | | | | | |
| Unemployed | 3.4 | 2.8 - 4.1 | 7.5 | 6.6 - 8.5 | 83.9 | 82.4 - 85.3 | 5.3 | 4.4 - 6.2 | 8,227 | |
| Student | 3.0 | 1.7 - 5.1 | 6.0 | 3.7 - 9.5 | 84.3 | 79.7 - 87.9 | 6.8 | 4.5 - 10.2 | 730 | |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 1.8 | 1.5 - 2.1 | 5.1 | 4.7 - 5.6 | 86.7 | 85.9 - 87.4 | 6.5 | 5.9 - 7.1 | 14,006 | |
| Private employee | 1.7 | 1.6 - 1.9 | 5.7 | 5.4 - 6.0 | 87.6 | 87.2 - 88.1 | 4.9 | 4.7 - 5.2 | 67,300 | |
| Self-employed | 2.0 | 1.9 - 2.2 | 6.3 | 6.0 - 6.5 | 87.5 | 87.2 - 87.9 | 4.2 | 4.0 - 4.4 | 89,576 | |
| Farmer/farm worker | 2.5 | 2.4 - 2.7 | 7.1 | 6.8 - 7.4 | 86.7 | 86.3 - 87.1 | 3.7 | 3.5 - 4.0 | 63,723 | |
| Fisher | 3.4 | 2.9 - 4.1 | 8.7 | 7.9 - 9.6 | 85.2 | 84.0 - 86.4 | 2.6 | 2.2 - 3.1 | 6,594 | |
| Labor/driver/domestic help | 2.2 | 1.9 - 2.4 | 6.5 | 6.1 - 6.9 | 88.0 | 87.5 - 88.5 | 3.3 | 3.1 - 3.7 | 44,616 | |
| Others | 1.9 | 1.6 - 2.2 | 6.2 | 5.7 - 6.8 | 87.8 | 87.0 - 88.6 | 4.0 | 3.6 - 4.6 | 11,510 | |
| Residence | | | | | | | | | | |
| Urban | 2.0 | 1.9 - 2.1 | 6.2 | 6.0 - 6.4 | 87.4 | 87.1 - 87.6 | 4.5 | 4.3 - 4.6 | 178,047 | |
| Rural | 2.4 | 2.2 - 2.5 | 6.6 | 6.4 - 6.8 | 87.1 | 86.8 - 87.4 | 3.9 | 3.7 - 4.1 | 128,234 | |

14.10 NUTRITION IN CHILDREN AND ADOLESCENTS

The nutritional status of children aged 5-18 years is categorized into three age ranges: 5-12 years, 13-15 years, and 16-18 years. The indicators used for nutritional status within these age ranges are based on anthropometric measurements of weight (BW) and height (BH), presented in the form of height-for-age index (BH/A) and body mass index-for-age index (BMI/A). The body mass index is calculated using the following formula:

$$IMT = \frac{BB \text{ (kg)}}{TB^2 \text{ (meter)}}$$

Using the WHO 2007 standard anthropometry for children aged 5-19 years, the Z-scores for BH/A and BMI/A of each child are calculated. Subsequently, based on these Z-scores, the nutritional status of the child is categorized as follows:

Based on the BH/Age indicator:

| | |
|-------------------|---------------------------|
| Severely Stunting | : Z-score < -3,0 |
| Stunting | : Z-score -3,0 s/d < -2,0 |
| Normal | : Z-score ≥ - 2,0 |

Based on the BMI/Age indicator:

| | |
|---------------|---------------------------|
| Severely thin | : Z-score < -3,0 |
| Thin | : Z-score -3,0 s/d < -2,0 |
| Normal | : Z-score -2,0 s/d 1,0 |
| Overweight | : Z-score > 1,0 s/d 2,0 |
| Obese | : Z-score > 2,0 |

Status of Nutrition in Children 5-12 Years

Based on BH/Age Indicator:

$$\text{Proportion of Age 5-12 Years Severely Stunted} = \frac{\text{Number of Age 5-12 Years Severely Stunted}}{\text{Number of Age 5-12 Years Measured for BH}} \times 100\%$$

$$\text{Proportion of Age 5-12 Years Stunted} = \frac{\text{Number of Age 5-12 Years Stunted}}{\text{Number of Age 5-12 Years Measured for BH}} \times 100\%$$

$$\text{Proportion of Age 5-12 Years Normal} = \frac{\text{Number of Age 5-12 Years Normal}}{\text{Number of Age 5-12 Years Measured for BH}} \times 100\%$$

Based on BMI/Age Indicator:

$$\text{Proportion of Age 5-12 Years Severely Thin} = \frac{\text{Number of Age 5-12 Severely Thin}}{\text{Number of Age 5-12 Years Measured for BW and BH}} \times 100\%$$

$$\text{Proportion of Age 5-12 Years Thin} = \frac{\text{Number of Age 5-12 Thin}}{\text{Number of Age 5-12 Years Measured for BW and BH}} \times 100\%$$

$$\text{Proportion of Age 5-12 Years Normal} = \frac{\text{Number of Age 5-12 Normal}}{\text{Number of Age 5-12 Years Measured for BW and BH}} \times 100\%$$

$$\text{Proportion of Age 5-12 Years Overweight} = \frac{\text{Number of Age 5-12 Overweight}}{\text{Number of Age 5-12 Years Measured for BW and BH}} \times 100\%$$

$$\text{Proportion of Age 5-12 Years Obese} = \frac{\text{Number of Age 5-12 Obese}}{\text{Number of Age 5-12 Years Measured for BW and BH}} \times 100\%$$

Nutritional Status of Adolescents 13-15 Years

Based on BH/Age Indicator:

$$\text{Proportion of Adolescents 13-15 Years Severely Stunted} = \frac{\text{Number of Adolescents 13-15 Years Severely Stunted}}{\text{Number of Adolescents 13-15 Years Measured for BH}} \times 100\%$$

$$\text{Proportion of Adolescents 13-15 Years Stunted} = \frac{\text{Number of Adolescents 13-15 Years Stunted}}{\text{Number of Adolescents 13-15 Years Measured for BH}} \times 100\%$$

$$\text{Proportion of Adolescents 13-15 Years Normal} = \frac{\text{Number of Adolescents 13-15 Years Normal}}{\text{Number of Adolescents 13-15 Years Measured for BH}} \times 100\%$$

Based on the BMI/Age indicator:

$$\text{Proportion of Adolescents 16-18 Years Severely Thin} = \frac{\frac{\text{Number of Adolescents 16-18 Years Severely Thin}}{\text{Number of Adolescents 16-18 Years Measured for BW and BH}} \times 100\%}{\text{Number of Adolescents 16-18 Years Thin}}$$
$$\text{Proportion of Adolescents 16-18 Years Normal} = \frac{\frac{\text{Number of Adolescents 16-18 Years Normal}}{\text{Number of Adolescents 16-18 Years Measured for BW and BH}} \times 100\%}{\text{Number of Adolescents 16-18 Years Thin}}$$
$$\text{Proportion of Adolescents 16-18 Years Overweight} = \frac{\frac{\text{Number of Adolescents 16-18 Years Overweight}}{\text{Number of Adolescents 16-18 Years Measured for BW and BH}} \times 100\%}{\text{Number of Adolescents 16-18 Years Normal}}$$
$$\text{Proportion of Adolescents 16-18 Years Obese} = \frac{\frac{\text{Number of Adolescents 16-18 Years Obese}}{\text{Number of Adolescents 16-18 Years Measured for BW and BH}} \times 100\%}{\text{Number of Adolescents 16-18 Years Overweight}}$$

Table 14.116 Prevalence of Nutritional Status (BH/Age) in Children Aged 5-12 Years by Province, 2023 SKI

| Province | Nutritional Status Based on BH/Age | | | | | | Weighted N | |
|--------------------|------------------------------------|------------------|-------------|--------------------|-------------|--------------------|----------------|--|
| | Severely Stunting | | Stunting | | Normal | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 7.0 | 6.1 - 8.1 | 17.1 | 15.8 - 18.5 | 75.9 | 74.2 - 77.6 | 2,720 | |
| North Sumatera | 5.4 | 4.7 - 6.3 | 14.8 | 13.7 - 16.0 | 79.7 | 78.3 - 81.1 | 7,534 | |
| West Sumatera | 5.6 | 4.5 - 6.9 | 15.7 | 14.5 - 17.1 | 78.7 | 76.7 - 80.5 | 2,565 | |
| Riau | 3.2 | 2.6 - 4.0 | 12.0 | 10.6 - 13.6 | 84.8 | 82.8 - 86.5 | 3,393 | |
| Jambi | 5.5 | 4.3 - 7.1 | 15.0 | 13.3 - 16.9 | 79.5 | 77.0 - 81.7 | 1,681 | |
| South Sumatera | 4.7 | 3.9 - 5.5 | 13.4 | 12.2 - 14.6 | 81.9 | 80.5 - 83.3 | 4,285 | |
| Bengkulu | 4.9 | 3.9 - 6.1 | 12.8 | 11.1 - 14.8 | 82.3 | 80.2 - 84.2 | 937 | |
| Lampung | 4.3 | 3.4 - 5.4 | 13.1 | 11.7 - 14.7 | 82.6 | 80.6 - 84.3 | 4,315 | |
| Bangka Belitung | 3.7 | 2.8 - 4.7 | 11.1 | 9.5 - 13.0 | 85.2 | 83.1 - 87.1 | 673 | |
| Riau Islands | 3.7 | 2.6 - 5.4 | 11.6 | 9.7 - 13.9 | 84.6 | 81.7 - 87.2 | 1,061 | |
| DKI Jakarta | 2.6 | 1.8 - 3.8 | 7.7 | 6.2 - 9.6 | 89.7 | 87.5 - 91.5 | 4,374 | |
| West Java | 3.7 | 3.2 - 4.3 | 13.5 | 12.5 - 14.7 | 82.8 | 81.5 - 84.0 | 21,638 | |
| Central Java | 4.0 | 3.5 - 4.6 | 12.2 | 11.2 - 13.1 | 83.8 | 82.7 - 84.8 | 14,926 | |
| DI Yogyakarta | 2.4 | 1.6 - 3.5 | 8.8 | 7.2 - 10.7 | 88.8 | 86.7 - 90.7 | 1,404 | |
| East Java | 3.8 | 3.3 - 4.4 | 13.1 | 12.1 - 14.2 | 83.1 | 81.9 - 84.2 | 16,346 | |
| Banten | 5.4 | 4.3 - 6.7 | 14.7 | 12.9 - 16.6 | 80.0 | 77.5 - 82.2 | 5,818 | |
| Bali | 2.7 | 2.0 - 3.6 | 7.4 | 6.2 - 8.8 | 89.9 | 88.3 - 91.4 | 1,699 | |
| West Nusa Tenggara | 6.5 | 5.2 - 8.0 | 19.5 | 17.5 - 21.6 | 74.0 | 71.6 - 76.4 | 2,873 | |
| East Nusa Tenggara | 7.6 | 6.7 - 8.6 | 24.3 | 22.9 - 25.8 | 68.1 | 66.4 - 69.8 | 3,020 | |
| West Kalimantan | 5.5 | 4.4 - 6.7 | 16.0 | 14.4 - 17.8 | 78.5 | 76.4 - 80.5 | 2,625 | |
| Central Kalimantan | 5.1 | 4.0 - 6.4 | 15.3 | 13.4 - 17.5 | 79.6 | 77.2 - 81.7 | 1,219 | |
| South Kalimantan | 5.4 | 4.5 - 6.5 | 16.1 | 14.4 - 18.0 | 78.4 | 76.4 - 80.4 | 2,114 | |
| East Kalimantan | 2.6 | 1.9 - 3.6 | 13.6 | 11.8 - 15.7 | 83.7 | 81.5 - 85.8 | 1,807 | |
| North Kalimantan | 6.1 | 4.0 - 9.2 | 12.3 | 9.5 - 15.9 | 81.6 | 77.3 - 85.2 | 327 | |
| North Sulawesi | 3.0 | 2.2 - 3.9 | 12.2 | 10.5 - 14.2 | 84.8 | 82.7 - 86.8 | 1,119 | |
| Central Sulawesi | 6.4 | 5.3 - 7.8 | 16.3 | 14.7 - 18.0 | 77.3 | 75.2 - 79.2 | 1,480 | |
| South Sulawesi | 5.5 | 4.8 - 6.3 | 19.1 | 17.9 - 20.4 | 75.4 | 73.9 - 76.8 | 4,011 | |
| Southeast Sulawesi | 5.9 | 4.9 - 7.1 | 18.4 | 16.8 - 20.2 | 75.7 | 73.6 - 77.7 | 1,373 | |
| Gorontalo | 6.5 | 5.0 - 8.4 | 18.3 | 15.6 - 21.3 | 75.2 | 71.7 - 78.4 | 527 | |
| West Sulawesi | 6.5 | 5.0 - 8.3 | 21.9 | 18.8 - 25.2 | 71.7 | 67.8 - 75.2 | 774 | |
| Maluku | 7.6 | 6.0 - 9.4 | 19.0 | 16.9 - 21.3 | 73.4 | 70.7 - 76.0 | 847 | |
| North Maluku | 6.8 | 5.4 - 8.4 | 15.1 | 13.2 - 17.3 | 78.1 | 75.5 - 80.5 | 673 | |
| West Papua | 8.1 | 4.8 - 13.3 | 19.2 | 14 - 25.8 | 72.7 | 66.5 - 78.1 | 268 | |
| Southwest Papua | 5.5 | 3.6 - 8.1 | 21.5 | 17.5 - 26 | 73.1 | 68 - 77.6 | 256 | |
| Papua | 4.8 | 3.6 - 6.5 | 17.0 | 14.4 - 20 | 78.2 | 74.8 - 81.2 | 665 | |
| South Papua | 8.2 | 6.1 - 10.9 | 15.2 | 11.7 - 19.6 | 76.6 | 71.6 - 81 | 382 | |
| Central Papua | 21.7 | 19 - 24.6 | 11.1 | 8 - 15.3 | 67.2 | 63.1 - 71.1 | 567 | |
| Highland Papua | 12.7 | 8.1 - 19.2 | 12.3 | 7.6 - 19.2 | 75.0 | 66.4 - 82.1 | 428 | |
| INDONESIA | 4.6 | 4.4 - 4.8 | 14.1 | 13.8 - 14.4 | 81.3 | 80.9 - 81.7 | 122,723 | |

Table 14.117 Proportion of Nutritional Status (BH/Age) in Adolescents Aged 5-12 Years by Characteristic, 2023 SKI

| Characteristic | Nutritional Status Based on BH/Age | | | | | | Weighted N |
|------------------------|------------------------------------|-----------|----------|-------------|--------|-------------|------------|
| | Severely Stunting | | Stunting | | Normal | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Sex | | | | | | | |
| Male | 4.8 | 4.6 - 5.1 | 14.3 | 13.8 - 14.8 | 80.9 | 80.4 - 81.4 | 62,701 |
| Female | 4.4 | 4.2 - 4.7 | 13.9 | 13.4 - 14.3 | 81.7 | 81.2 - 82.2 | 60,022 |
| Residence | | | | | | | |
| Urban | 4.0 | 3.7 - 4.2 | 12.4 | 12.0 - 12.9 | 83.6 | 83.1 - 84.1 | 70,872 |
| Rural | 5.5 | 5.2 - 5.8 | 16.3 | 15.8 - 16.9 | 78.2 | 77.6 - 78.7 | 51,851 |
| Economic Status | | | | | | | |
| Lowest | 7.6 | 7.1 - 8.2 | 18.4 | 18.9 - 20.7 | 73.8 | 71.6 - 73.7 | 16,146 |
| Lower Middle | 5.5 | 5.0 - 6.0 | 17.0 | 16.2 - 17.8 | 76.5 | 76.7 - 78.4 | 21,744 |
| Middle | 4.7 | 4.3 - 5.2 | 17.1 | 13.7 - 15.1 | 77.1 | 80.1 - 81.7 | 26,570 |
| Upper Middle | 3.8 | 3.4 - 4.2 | 14.7 | 12.6 - 14.0 | 80.6 | 82.2 - 83.7 | 29,591 |
| Highest | 3.1 | 2.8 - 3.4 | 12.4 | 8.7 - 9.8 | 83.7 | 87.0 - 88.4 | 28,664 |

Table 14.118 Prevalence of Nutritional Status (BMI/Age) in Adolescents Aged 5-12 Years by Province, 2023 SKI

| Province | Nutritional Status Based on BMI/Age | | | | | | | | | | Weighted N |
|--------------------|-------------------------------------|------------------|------------|------------------|-------------|--------------------|-------------|--------------------|------------|------------------|----------------|
| | Severely Thinnes | | Thinnes | | Normal | | Overweight | | Obese | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 5.3 | 4.5 - 6.1 | 7.0 | 6.1 - 8.0 | 70.5 | 68.6 - 72.4 | 10.2 | 9.3 - 11.3 | 7.0 | 6 - 8.3 | 2,720 |
| North Sumatera | 4.2 | 3.5 - 5.0 | 5.2 | 4.5 - 6.1 | 72.2 | 70.4 - 73.9 | 11.8 | 10.9 - 12.9 | 6.5 | 5.6 - 7.6 | 7,534 |
| West Sumatera | 4.7 | 4.0 - 5.6 | 8.0 | 7.1 - 9.0 | 70.7 | 68.9 - 72.4 | 10.9 | 9.8 - 12.1 | 5.7 | 5 - 6.6 | 2,565 |
| Riau | 3.6 | 2.9 - 4.5 | 6.2 | 5.2 - 7.3 | 70.1 | 67.9 - 72.2 | 12.5 | 10.9 - 14.1 | 7.6 | 6.3 - 9.2 | 3,393 |
| Jambi | 3.7 | 2.9 - 4.8 | 5.6 | 4.5 - 6.9 | 71.4 | 69.0 - 73.7 | 12.8 | 11.3 - 14.6 | 6.4 | 5.3 - 7.8 | 1,681 |
| South Sumatera | 4.0 | 3.3 - 4.7 | 8.3 | 7.3 - 9.4 | 69.5 | 67.7 - 71.2 | 11.6 | 10.4 - 13.0 | 6.7 | 5.7 - 7.7 | 4,285 |
| Bengkulu | 4.1 | 3.0 - 5.5 | 5.3 | 4.3 - 6.6 | 67.0 | 64.4 - 69.6 | 14.0 | 12.1 - 16.0 | 9.6 | 8.3 - 11.1 | 937 |
| Lampung | 3.8 | 3.1 - 4.7 | 6.8 | 5.7 - 8.2 | 69.2 | 67.1 - 71.2 | 12.3 | 10.8 - 13.8 | 7.9 | 6.7 - 9.3 | 4,315 |
| Bangka Belitung | 3.1 | 2.4 - 4.1 | 6.2 | 5.2 - 7.5 | 63.6 | 61.2 - 65.9 | 14.5 | 12.5 - 16.7 | 12.6 | 10.9 - 14.5 | 673 |
| Riau Islands | 3.5 | 2.4 - 5.0 | 6.0 | 4.8 - 7.5 | 68.9 | 65.5 - 72.2 | 11.9 | 9.5 - 14.7 | 9.7 | 7.9 - 11.7 | 1,061 |
| DKI Jakarta | 3.0 | 2.1 - 4.1 | 6.7 | 5.5 - 8.2 | 63.0 | 59.8 - 66.2 | 14.6 | 12.5 - 17.0 | 12.7 | 10.6 - 15.1 | 4,374 |
| West Java | 2.6 | 2.2 - 3.2 | 7.2 | 6.5 - 8.0 | 71.8 | 70.5 - 73.0 | 10.9 | 10.1 - 11.9 | 7.5 | 6.7 - 8.2 | 21,638 |
| Central Java | 2.9 | 2.5 - 3.4 | 7.5 | 6.8 - 8.3 | 68.2 | 66.9 - 69.5 | 13.0 | 12.1 - 13.9 | 8.3 | 7.6 - 9.2 | 14,926 |
| DI Yogyakarta | 1.5 | 0.9 - 2.4 | 8.5 | 7.0 - 10.5 | 68.4 | 65.4 - 71.3 | 12.2 | 10.2 - 14.5 | 9.4 | 7.7 - 11.4 | 1,404 |
| East Java | 3.0 | 2.6 - 3.5 | 6.7 | 6.0 - 7.4 | 66.8 | 65.5 - 68.1 | 13.8 | 12.9 - 14.8 | 9.7 | 8.9 - 10.6 | 16,346 |
| Banten | 4.4 | 3.3 - 5.9 | 8.7 | 7.4 - 10.3 | 67.5 | 64.8 - 70.1 | 12.5 | 10.8 - 14.4 | 6.8 | 5.6 - 8.3 | 5,818 |
| Bali | 2.6 | 2.0 - 3.5 | 3.6 | 2.8 - 4.7 | 67.0 | 64.4 - 69.6 | 14.9 | 13.0 - 17.0 | 11.8 | 10.3 - 13.5 | 1,699 |
| West Nusa Tenggara | 4.1 | 3.1 - 5.2 | 8.7 | 7.4 - 10.3 | 74.3 | 72.0 - 76.5 | 8.6 | 7.3 - 10.2 | 4.3 | 3.4 - 5.3 | 2,873 |
| East Nusa Tenggara | 5.1 | 4.4 - 6.0 | 13.9 | 12.8 - 15.1 | 74.9 | 73.4 - 76.4 | 4.0 | 3.2 - 4.8 | 2.1 | 1.7 - 2.6 | 3,020 |
| West Kalimantan | 4.5 | 3.6 - 5.6 | 8.1 | 6.9 - 9.5 | 66.8 | 64.3 - 69.2 | 12.7 | 11.0 - 14.5 | 7.9 | 6.6 - 9.4 | 2,625 |
| Central Kalimantan | 3.6 | 2.7 - 4.7 | 7.2 | 5.9 - 8.8 | 67.8 | 65.3 - 70.3 | 13.4 | 11.6 - 15.4 | 8.0 | 6.7 - 9.5 | 1,219 |
| South Kalimantan | 5.4 | 4.5 - 6.6 | 11.2 | 9.6 - 13.2 | 63.1 | 60.7 - 65.5 | 11.8 | 10.5 - 13.3 | 8.4 | 7.2 - 9.8 | 2,114 |
| East Kalimantan | 2.8 | 2.1 - 3.8 | 7.8 | 6.6 - 9.3 | 67.9 | 65.4 - 70.3 | 11.5 | 10.0 - 13.1 | 9.9 | 8.5 - 11.5 | 1,807 |
| North Kalimantan | 3.8 | 2.3 - 6.4 | 8.2 | 5.5 - 12.1 | 63.7 | 58.6 - 68.6 | 13.0 | 9.6 - 17.4 | 11.2 | 8.1 - 15.4 | 327 |
| North Sulawesi | 2.3 | 1.6 - 3.2 | 5.0 | 4.1 - 6.2 | 70.2 | 67.6 - 72.7 | 13.4 | 11.4 - 15.6 | 9.1 | 7.7 - 10.7 | 1,119 |
| Central Sulawesi | 4.0 | 3.2 - 5 | 9.5 | 8.3 - 10.8 | 71.2 | 68.9 - 73.3 | 9.0 | 7.7 - 10.6 | 6.3 | 5.1 - 7.7 | 1,480 |
| South Sulawesi | 3.9 | 3.3 - 4.6 | 9.4 | 8.5 - 10.5 | 71.1 | 69.4 - 72.7 | 9.3 | 8.4 - 10.4 | 6.2 | 5.4 - 7.2 | 4,011 |
| Southeast Sulawesi | 4.9 | 4 - 6.1 | 8.7 | 7.6 - 9.9 | 71.8 | 69.9 - 73.6 | 9.5 | 8.2 - 10.9 | 5.1 | 4.2 - 6.2 | 1,373 |
| Gorontalo | 5.3 | 3.9 - 7.1 | 9.7 | 7.9 - 11.9 | 68.0 | 64.4 - 71.4 | 9.6 | 7.8 - 11.7 | 7.4 | 5.6 - 9.7 | 527 |
| West Sulawesi | 3.4 | 2.5 - 4.6 | 12.1 | 9.8 - 14.9 | 71.5 | 68.5 - 74.2 | 7.7 | 6.2 - 9.5 | 5.3 | 4.0 - 7.0 | 774 |
| Maluku | 4.9 | 3.9 - 6.1 | 11.3 | 9.7 - 13.0 | 73.9 | 71.5 - 76.3 | 6.7 | 5.4 - 8.3 | 3.2 | 2.5 - 4.2 | 847 |
| North Maluku | 4.4 | 3.3 - 5.7 | 8.6 | 7.1 - 10.4 | 70.7 | 68.0 - 73.3 | 9.5 | 7.9 - 11.4 | 6.8 | 5.4 - 8.4 | 673 |
| West Papua | 3.2 | 2 - 4.9 | 9.1 | 5.9 - 13.9 | 72.0 | 67.3 - 76.2 | 10.0 | 7.8 - 12.8 | 5.8 | 3.9 - 8.5 | 268 |
| Southwest Papua | 3.5 | 2.1 - 5.6 | 10.5 | 7.7 - 14.2 | 72.9 | 67.9 - 77.4 | 9.2 | 6.5 - 12.9 | 3.9 | 2.6 - 5.9 | 256 |
| Papua | 3.7 | 2.5 - 5.5 | 5.9 | 4.5 - 7.7 | 72.1 | 68.1 - 75.7 | 9.7 | 7.7 - 12.2 | 8.6 | 6.4 - 11.4 | 665 |
| South Papua | 4.5 | 2.9 - 6.8 | 6.9 | 4.9 - 9.6 | 72.7 | 67.3 - 77.5 | 9.2 | 6.6 - 12.6 | 6.8 | 4.6 - 9.9 | 382 |
| Central Papua | 2.3 | 1.3 - 4 | 4.2 | 2.4 - 7.2 | 64.8 | 60.9 - 68.5 | 20.4 | 17.6 - 23.4 | 8.3 | 6 - 11.4 | 567 |
| Highland Papua | 1.8 | 0.8 - 4.1 | 7.4 | 2.8 - 18.1 | 62.6 | 51.3 - 72.7 | 23.6 | 16.7 - 32.1 | 4.6 | 2.5 - 8.5 | 428 |
| INDONESIA | 3.5 | 3.3 - 3.7 | 7.5 | 7.3 - 7.7 | 69.4 | 68.9 - 69.8 | 11.9 | 11.6 - 12.2 | 7.8 | 7.5 - 8.1 | 122,723 |

Table 14.119 Proportion of Nutritional Status (BMI/Age) in Adolescents Aged 5-12 Years by Characteristic, 2023 SKI

| Characteristic | Nutritional Status Based on BMI/Age | | | | | | | | | | Weighted N |
|------------------------|-------------------------------------|-----------|---------|-----------|--------|-------------|------------|-------------|-------|-------------|------------|
| | Severely Thinnes | | Thinnes | | Normal | | Overweight | | Obese | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Sex | | | | | | | | | | | |
| Male | 3.8 | 3.6 - 4.1 | 8.0 | 7.7 - 8.4 | 66.4 | 65.8 - 67 | 12.2 | 11.7 - 12.6 | 9.5 | 9.2 - 9.9 | 62,701 |
| Female | 3.1 | 2.9 - 3.3 | 6.9 | 6.6 - 7.3 | 72.4 | 71.8 - 73 | 11.6 | 11.2 - 12 | 6.0 | 5.7 - 6.3 | 60,022 |
| Residence | | | | | | | | | | | |
| Urban | 3.2 | 3.0 - 3.4 | 7.5 | 7.1 - 7.8 | 67.7 | 67.1 - 68.3 | 12.6 | 12.2 - 13 | 9.0 | 8.6 - 9.4 | 70,872 |
| Rural | 3.9 | 3.6 - 4.2 | 7.5 | 7.2 - 7.9 | 71.6 | 70.9 - 72.2 | 10.8 | 10.4 - 11.3 | 6.2 | 5.8 - 6.5 | 51,851 |
| Economic Status | | | | | | | | | | | |
| Lowest | 4.5 | 4.1 - 5.0 | 9.0 | 8.4 - 9.6 | 72.5 | 71.5 - 73.5 | 9.3 | 8.6 - 9.9 | 4.8 | 4.3 - 5.3 | 16,146 |
| Lower middle | 3.5 | 3.2 - 3.9 | 7.7 | 7.2 - 8.3 | 72.7 | 71.7 - 73.6 | 10.4 | 9.7 - 11.0 | 5.7 | 5.2 - 6.3 | 21,744 |
| Middle | 3.6 | 3.3 - 4.0 | 7.8 | 7.3 - 8.4 | 70.7 | 69.7 - 71.6 | 10.6 | 10.1 - 11.3 | 7.2 | 6.7 - 7.7 | 26,570 |
| Upper middle | 3.6 | 3.3 - 4.0 | 7.4 | 6.8 - 7.9 | 67.6 | 66.6 - 68.5 | 12.9 | 12.2 - 13.5 | 8.5 | 8.0 - 9.2 | 29,591 |
| Highest | 2.6 | 2.3 - 2.9 | 6.3 | 5.8 - 6.8 | 65.7 | 64.8 - 66.6 | 14.6 | 13.9 - 15.3 | 10.8 | 10.3 - 11.4 | 28,664 |

Table 14.120 Prevalence of Nutritional Status (BH/Age) in Adolescents Aged 13 - 15 Years by Province, 2023 SKI

| Province | Nutritional Status Based on BH/Age | | | | | | Weighted N |
|--------------------|------------------------------------|------------------|-------------|--------------------|-------------|--------------------|---------------|
| | Severely Stunting | | Stunting | | Normal | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 12.7 | 10.1 - 15.8 | 30.2 | 26.7 - 33.9 | 57.1 | 53.6 - 60.5 | 764 |
| North Sumatera | 8.1 | 6.6 - 9.8 | 25.1 | 22.7 - 27.7 | 66.8 | 64.0 - 69.5 | 2,379 |
| West Sumatera | 5.9 | 4.6 - 7.5 | 16.3 | 14.2 - 18.5 | 77.8 | 75.2 - 80.3 | 861 |
| Riau | 6.9 | 5.1 - 9.3 | 17.7 | 15.0 - 20.8 | 75.3 | 71.8 - 78.6 | 948 |
| Jambi | 14.5 | 11.3 - 18.5 | 28.4 | 24.3 - 33.0 | 57.0 | 52.4 - 61.5 | 525 |
| South Sumatera | 7.7 | 6.2 - 9.4 | 17.4 | 15.2 - 19.9 | 74.9 | 72.0 - 77.6 | 1,325 |
| Bengkulu | 8.8 | 6.2 - 12.3 | 17.2 | 13.7 - 21.3 | 74.1 | 69.2 - 78.4 | 314 |
| Lampung | 7.9 | 5.7 - 11.0 | 19.7 | 16.2 - 23.7 | 72.4 | 67.6 - 76.7 | 1,328 |
| Bangka Belitung | 5.0 | 3.4 - 7.4 | 16.7 | 13.7 - 20.2 | 78.3 | 74.5 - 81.6 | 203 |
| Riau Islands | 3.7 | 2.0 - 6.6 | 11.6 | 8.5 - 15.6 | 84.7 | 80.3 - 88.3 | 314 |
| DKI Jakarta | 1.5 | 0.7 - 3.1 | 8.0 | 5.8 - 10.8 | 90.5 | 87.4 - 92.9 | 1,400 |
| West Java | 5.3 | 4.2 - 6.6 | 15.0 | 13.1 - 17.1 | 79.8 | 77.3 - 82.0 | 6,747 |
| Central Java | 4.3 | 3.4 - 5.4 | 14.7 | 13.0 - 16.5 | 81.0 | 79.1 - 82.8 | 4,714 |
| DI Yogyakarta | 2.7 | 1.2 - 6.1 | 9.5 | 6.4 - 13.7 | 87.8 | 82.9 - 91.4 | 433 |
| East Java | 6.0 | 4.9 - 7.4 | 17.3 | 15.4 - 19.4 | 76.7 | 74.5 - 78.8 | 4,874 |
| Banten | 8.5 | 6.2 - 11.6 | 15.9 | 12.6 - 19.9 | 75.6 | 71.0 - 79.7 | 1,598 |
| Bali | 4.2 | 2.7 - 6.6 | 11.1 | 8.5 - 14.2 | 84.7 | 81.0 - 87.8 | 580 |
| West Nusa Tenggara | 8.9 | 6.5 - 12.0 | 18.6 | 15.3 - 22.5 | 72.5 | 68.0 - 76.5 | 698 |
| East Nusa Tenggara | 12.9 | 10.8 - 15.3 | 25.3 | 22.7 - 28.1 | 61.8 | 58.6 - 64.9 | 853 |
| West Kalimantan | 6.4 | 4.5 - 9.2 | 22.8 | 19.3 - 26.6 | 70.8 | 66.4 - 74.8 | 804 |
| Central Kalimantan | 8.6 | 6.1 - 12.1 | 23.5 | 19.7 - 27.7 | 67.9 | 63.1 - 72.3 | 386 |
| South Kalimantan | 8.6 | 6.7 - 10.8 | 21.8 | 18.8 - 25.3 | 69.6 | 65.9 - 73.0 | 594 |
| East Kalimantan | 3.5 | 1.9 - 6.2 | 13.0 | 9.9 - 16.7 | 83.6 | 79.3 - 87.1 | 526 |
| North Kalimantan | 5.2 | 2.0 - 12.7 | 20.5 | 13.5 - 29.8 | 74.4 | 64.8 - 82.1 | 92 |
| North Sulawesi | 7.0 | 4.6 - 10.4 | 16.6 | 13.2 - 20.7 | 76.4 | 71.8 - 80.5 | 362 |
| Central Sulawesi | 6.7 | 4.8 - 9.2 | 21.7 | 18.4 - 25.3 | 71.7 | 67.6 - 75.4 | 458 |
| South Sulawesi | 6.4 | 5.2 - 7.9 | 18.3 | 16.3 - 20.5 | 75.3 | 72.8 - 77.6 | 1,364 |
| Southeast Sulawesi | 8.7 | 6.8 - 11.1 | 18.9 | 16.6 - 21.5 | 72.4 | 69.3 - 75.3 | 446 |
| Gorontalo | 5.8 | 3.6 - 9.2 | 22.4 | 17.7 - 27.8 | 71.8 | 65.5 - 77.4 | 169 |
| West Sulawesi | 6.1 | 3.7 - 9.7 | 23.8 | 19.0 - 29.4 | 70.1 | 64.1 - 75.5 | 221 |
| Maluku | 13.1 | 10.5 - 16.2 | 18.6 | 15.4 - 22.3 | 68.3 | 64.0 - 72.3 | 316 |
| North Maluku | 8.0 | 5.3 - 11.8 | 24.9 | 20.1 - 30.5 | 67.1 | 61.4 - 72.3 | 207 |
| West Papua | 10.0 | 5.9 - 16.4 | 14.8 | 10.5 - 20.5 | 75.2 | 66.8 - 82.1 | 74 |
| Southwest Papua | 7.9 | 4.3 - 13.9 | 25.4 | 18 - 34.5 | 66.8 | 57.4 - 75 | 80 |
| Papua | 5.6 | 3 - 10 | 16.2 | 11.4 - 22.6 | 78.2 | 71.5 - 83.6 | 148 |
| South Papua | 10.9 | 5.6 - 20 | 22.4 | 14.1 - 33.6 | 66.7 | 55.4 - 76.4 | 73 |
| Central Papua | 9.8 | 6.1 - 15.3 | 13.0 | 8.6 - 19.2 | 77.2 | 71 - 82.4 | 168 |
| Highland Papua | 34.9 | 20 - 53.4 | 23.5 | 14 - 36.7 | 41.6 | 28.4 - 56.1 | 139 |
| INDONESIA | 6.6 | 6.2 - 7.0 | 17.5 | 16.9 - 18.2 | 75.9 | 75.1 - 76.6 | 37,484 |

Table 14.121 Proportion of Nutritional Status (BH/Age) in Adolescents Aged 13 - 15 Years by Characteristic, 2023 SKI

| Characteristic | Nutritional Status Based on BH/Age | | | | | | Weighted N |
|------------------------|------------------------------------|------------|----------|-------------|--------|-------------|------------|
| | Severely Stunting | | Stunting | | Normal | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | |
| Sex | | | | | | | |
| Male | 7.5 | 6.9 - 8.1 | 16.7 | 15.8 - 17.5 | 75.8 | 74.8 - 76.8 | 19,099 |
| Female | 5.7 | 5.1 - 6.2 | 18.4 | 17.5 - 19.4 | 75.9 | 74.9 - 76.9 | 18,385 |
| Residence | | | | | | | |
| Urban | 5.1 | 4.6 - 5.5 | 14.8 | 14.1 - 15.7 | 80.1 | 79.2 - 81.0 | 21,601 |
| Rural | 8.7 | 8.0 - 9.4 | 21.2 | 20.2 - 22.2 | 70.1 | 68.9 - 71.3 | 15,883 |
| Economic Status | | | | | | | |
| Lowest | 10.8 | 9.6 - 12.1 | 22.0 | 20.5 - 23.6 | 67.2 | 65.4 - 69.0 | 5,276 |
| Lower middle | 7.3 | 6.4 - 8.3 | 20.9 | 19.4 - 22.5 | 71.7 | 70.0 - 73.4 | 6,859 |
| Middle | 6.6 | 5.7 - 7.5 | 18.8 | 17.4 - 20.2 | 74.6 | 73.1 - 76.2 | 8,272 |
| Upper middle | 6.3 | 5.5 - 7.3 | 16.7 | 15.4 - 18.1 | 76.9 | 75.4 - 78.4 | 8,915 |
| Highest | 3.6 | 3.1 - 4.3 | 11.4 | 10.4 - 12.5 | 85.0 | 83.8 - 86.2 | 8,161 |

Table 14. 122 Prevalence of Nutritional Status (BMI/Age) in Adolescents Aged 13 - 15 Years by Province, 2023 SKI

| Province | Nutritional Status Based on BMI/Age | | | | | | | | | | Weighted N | |
|--------------------|-------------------------------------|------------------|------------|------------------|-------------|--------------------|-------------|--------------------|------------|------------------|---------------|--|
| | Severely Thin | | Thin | | Normal | | Overweight | | Obese | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 2.6 | 1.6 - 4.0 | 4.5 | 3.2 - 6.1 | 77.7 | 74.0 - 80.9 | 12.4 | 10.1 - 15.1 | 2.9 | 1.6 - 5.2 | 764 | |
| North Sumatera | 1.6 | 1.0 - 2.5 | 3.0 | 2.3 - 4.0 | 81.0 | 78.6 - 83.1 | 11.6 | 9.9 - 13.6 | 2.8 | 2.0 - 4.0 | 2,379 | |
| West Sumatera | 2.3 | 1.6 - 3.2 | 6.5 | 5.1 - 8.1 | 76.6 | 74.0 - 79.0 | 10.6 | 8.8 - 12.7 | 4.1 | 3.0 - 5.6 | 861 | |
| Riau | 2.4 | 1.4 - 4.4 | 5.4 | 3.9 - 7.4 | 75.8 | 71.9 - 79.3 | 12.9 | 10.1 - 16.2 | 3.5 | 2.3 - 5.4 | 948 | |
| Jambi | 1.3 | 0.6 - 2.9 | 3.1 | 2.1 - 4.7 | 85.1 | 82.1 - 87.6 | 9.4 | 7.2 - 12.1 | 1.1 | 0.6 - 2.1 | 525 | |
| South Sumatera | 1.7 | 1.0 - 2.7 | 5.2 | 4.0 - 6.9 | 79.9 | 77.3 - 82.3 | 10.2 | 8.5 - 12.2 | 2.9 | 2.0 - 4.2 | 1,325 | |
| Bengkulu | 0.6 | 0.2 - 1.4 | 6.4 | 4.5 - 9.1 | 77.8 | 73.5 - 81.7 | 11.7 | 8.7 - 15.6 | 3.5 | 1.7 - 7.0 | 314 | |
| Lampung | 1.4 | 0.8 - 2.4 | 5.8 | 4.1 - 8.2 | 81.3 | 78.1 - 84.2 | 8.7 | 6.8 - 11.0 | 2.8 | 1.6 - 4.6 | 1,328 | |
| Bangka Belitung | 1.6 | 0.9 - 2.9 | 3.3 | 2.1 - 5.2 | 75.1 | 70.9 - 78.8 | 13.7 | 10.9 - 17.1 | 6.3 | 4.5 - 8.7 | 203 | |
| Riau Islands | 2.8 | 1.3 - 5.9 | 4.6 | 2.9 - 7.2 | 76.2 | 71.1 - 80.6 | 13.9 | 10.7 - 17.9 | 2.6 | 1.5 - 4.6 | 314 | |
| DKI Jakarta | 1.3 | 0.5 - 2.9 | 6.8 | 4.6 - 10.0 | 68.6 | 63.5 - 73.3 | 16.5 | 12.9 - 20.8 | 6.8 | 4.8 - 9.6 | 1,400 | |
| West Java | 2.3 | 1.7 - 3.3 | 6.1 | 4.8 - 7.8 | 74.6 | 72.1 - 76.9 | 11.8 | 10.1 - 13.7 | 5.2 | 4.2 - 6.5 | 6,747 | |
| Central Java | 1.5 | 1.1 - 2.1 | 5.7 | 4.7 - 6.9 | 77.6 | 75.8 - 79.4 | 11.5 | 10.2 - 13.0 | 3.7 | 3.0 - 4.6 | 4,714 | |
| DI Yogyakarta | 1.5 | 0.6 - 3.8 | 5.3 | 3.4 - 8.4 | 67.6 | 62.1 - 72.8 | 18.3 | 14.3 - 23.2 | 7.3 | 4.9 - 10.7 | 433 | |
| East Java | 1.2 | 0.8 - 1.9 | 5.5 | 4.5 - 6.8 | 73.5 | 71.4 - 75.5 | 15.0 | 13.3 - 16.8 | 4.8 | 3.8 - 6.0 | 4,874 | |
| Banten | 1.8 | 0.9 - 3.6 | 4.1 | 2.6 - 6.6 | 78.5 | 74.1 - 82.3 | 11.6 | 8.7 - 15.3 | 4.0 | 2.5 - 6.4 | 1,598 | |
| Bali | 0.6 | 0.2 - 1.7 | 3.3 | 2.1 - 5.4 | 76.0 | 72.2 - 79.5 | 15.9 | 13.0 - 19.3 | 4.1 | 2.7 - 6.2 | 580 | |
| West Nusa Tenggara | 1.3 | 0.8 - 2.3 | 7.6 | 5.5 - 10.3 | 80.6 | 76.9 - 83.8 | 8.2 | 6.1 - 11.1 | 2.2 | 1.2 - 4.1 | 698 | |
| East Nusa Tenggara | 5.1 | 3.9 - 6.6 | 11.1 | 9.4 - 13.1 | 79.3 | 76.7 - 81.7 | 2.9 | 2.1 - 3.9 | 1.6 | 0.9 - 3.0 | 853 | |
| West Kalimantan | 1.3 | 0.7 - 2.7 | 5.0 | 3.3 - 7.6 | 78.2 | 74.4 - 81.6 | 13.2 | 10.6 - 16.3 | 2.3 | 1.4 - 3.7 | 804 | |
| Central Kalimantan | 2.0 | 1.0 - 3.7 | 3.6 | 2.2 - 6.0 | 77.3 | 72.7 - 81.2 | 12.2 | 9.4 - 15.8 | 4.9 | 3.1 - 7.6 | 386 | |
| South Kalimantan | 3.1 | 2.1 - 4.7 | 8.4 | 6.5 - 10.7 | 74.0 | 70.5 - 77.3 | 11.0 | 8.7 - 13.7 | 3.5 | 2.3 - 5.2 | 594 | |
| East Kalimantan | 4.5 | 2.8 - 7.3 | 5.3 | 3.4 - 8.1 | 71.6 | 66.9 - 75.9 | 13.6 | 10.4 - 17.5 | 5.0 | 3.3 - 7.6 | 526 | |
| North Kalimantan | 0.5 | 0.1 - 1.9 | 2.6 | 1.1 - 6.4 | 81.1 | 73.4 - 87.0 | 11.3 | 6.9 - 17.8 | 4.5 | 1.6 - 11.9 | 92 | |
| North Sulawesi | 0.9 | 0.4 - 1.9 | 4.9 | 3.0 - 7.8 | 75.4 | 70.7 - 79.6 | 13.2 | 10.3 - 16.7 | 5.7 | 3.8 - 8.4 | 362 | |
| Central Sulawesi | 2.7 | 1.7 - 4.4 | 8.4 | 6.1 - 11.4 | 72.9 | 68.5 - 76.9 | 11.0 | 7.6 - 15.6 | 5.0 | 3.3 - 7.4 | 458 | |
| South Sulawesi | 3.3 | 2.4 - 4.6 | 7.9 | 6.6 - 9.6 | 73.3 | 70.4 - 76.0 | 11.0 | 9.0 - 13.3 | 4.5 | 3.3 - 6.2 | 1,364 | |
| Southeast Sulawesi | 1.5 | 0.9 - 2.4 | 8.1 | 6.4 - 10.2 | 78.5 | 75.3 - 81.4 | 9.0 | 7.2 - 11.2 | 2.9 | 2.0 - 4.3 | 446 | |
| Gorontalo | 3.3 | 1.8 - 5.8 | 8.7 | 6.1 - 12.2 | 73.8 | 68.5 - 78.5 | 10.0 | 7.0 - 14.0 | 4.3 | 2.3 - 7.8 | 169 | |
| West Sulawesi | 2.9 | 1.4 - 6.1 | 4.7 | 2.9 - 7.6 | 77.3 | 72.3 - 81.7 | 12.5 | 9.5 - 16.3 | 2.5 | 1.1 - 5.6 | 221 | |
| Maluku | 3.3 | 2.0 - 5.4 | 9.2 | 7.0 - 11.9 | 79.0 | 75.4 - 82.3 | 6.3 | 4.6 - 8.6 | 2.2 | 1.1 - 4.3 | 316 | |
| North Maluku | 1.6 | 0.9 - 3.0 | 5.8 | 3.9 - 8.5 | 79.3 | 74.9 - 83.2 | 10.6 | 8.0 - 13.9 | 2.6 | 1.5 - 4.7 | 207 | |
| West Papua | 0.1 | 0.0 - 1.0 | 7.9 | 3.4 - 17.2 | 69.7 | 59.4 - 78.3 | 14.4 | 9.6 - 21.1 | 7.9 | 4.4 - 13.9 | 74 | |
| Southwest Papua | 4.2 | 1.6 - 10.7 | 9.6 | 5.5 - 16.1 | 72.8 | 64.1 - 80 | 10.6 | 6.4 - 16.9 | 2.9 | 1 - 8.1 | 80 | |
| Papua | 1.5 | 0.5 - 4.5 | 5.6 | 3 - 10.1 | 70.5 | 63.6 - 76.5 | 16.5 | 12.1 - 22 | 6.0 | 3.3 - 10.5 | 148 | |
| South Papua | 4.6 | 1.4 - 14 | 4.6 | 1.9 - 10.7 | 78.2 | 67.5 - 86.1 | 10.1 | 4.9 - 19.4 | 2.5 | 0.6 - 9.5 | 73 | |
| Central Papua | 2.5 | 0.6 - 10.8 | 1.4 | 0.5 - 3.9 | 58.6 | 52.5 - 64.5 | 33.6 | 28.8 - 38.7 | 3.8 | 1.7 - 8.4 | 168 | |
| Highland Papua | 2.5 | 0.7 - 8.5 | 4.7 | 1.3 - 15.2 | 78.5 | 61.4 - 89.3 | 13.8 | 5.5 - 30.3 | 0.6 | 0.1 - 4.3 | 139 | |
| INDONESIA | 1.9 | 1.7 - 2.2 | 5.7 | 5.4 - 6.2 | 76.1 | 75.4 - 76.8 | 12.1 | 11.5 - 12.6 | 4.1 | 3.8 - 4.4 | 37,484 | |

Table 14.123 Prevalence of Nutritional Status (BMI/Age) in Adolescents Aged 13 - 15 Years by Characteristic, 2023 SKI

| Characteristic | Nutritional Status Based on BMI/Age | | | | | | | | | | N Weighted N |
|------------------------|-------------------------------------|-----------|---------|-----------|--------|-------------|------------|-------------|--------|-----------|-----------------|
| | Severely Thinnes | | Thinnes | | Normal | | Overweight | | Obese | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Sex | | | | | | | | | | | |
| Male | 2.6 | 2.3 - 3.0 | 7.2 | 6.6 - 7.9 | 73.4 | 72.3 - 74.4 | 12.2 | 11.4 – 13.0 | 4.6 | 4.1 - 5.2 | 19,099 |
| Female | 1.2 | 1.0 - 1.5 | 4.2 | 3.8 - 4.7 | 79.0 | 78.1 - 80.0 | 12.0 | 11.3 - 12.8 | 3.5 | 3.1 - 4.0 | 18,385 |
| Residence | | | | | | | | | | | |
| Urban | 1.9 | 1.7 - 2.3 | 5.8 | 5.3 - 6.3 | 73.9 | 72.9 - 74.9 | 13.3 | 12.6 - 14.1 | 5.1 | 4.6 - 5.6 | 21,601 |
| Rural | 2.0 | 1.7 - 2.3 | 5.7 | 5.1 - 6.3 | 79.2 | 78.2 - 80.2 | 10.4 | 9.6 - 11.2 | 2.8 | 2.4 - 3.2 | 15,883 |
| Economic Status | | | | | | | | | | | |
| Lowest | 2.5 | 1.9 - 3.2 | 6.5 | 5.6 - 7.6 | 79.4 | 77.7 - 80.9 | 9.6 | 8.5 - 10.8 | 2.0 | 1.5 - 2.7 | 5,276 |
| Lower middle | 2.2 | 1.8 - 2.7 | 5.9 | 5.1 - 6.9 | 78.9 | 77.3 - 80.3 | 10.1 | 9.0 - 11.3 | 2.9 | 2.4 - 3.6 | 6,859 |
| Middle | 1.8 | 1.4 - 2.3 | 5.9 | 5.1 - 6.8 | 77.3 | 75.8 - 78.8 | 11.4 | 10.3 - 12.6 | 3.6 | 2.9 - 4.3 | 8,272 |
| Upper middle | 1.6 | 1.3 - 2.1 | 5.5 | 4.7 - 6.5 | 76.0 | 74.4 - 77.5 | 12.2 | 11.0 - 13.4 | 4.6 | 3.9 - 5.5 | 8,915 |
| Highest | 1.9 | 1.4 - 2.5 | 5.1 | 4.4 - 6.0 | 70.7 | 69.0 - 72.4 | 15.9 | 14.6 - 17.4 | 6.4 | 5.6 - 7.2 | 8,161 |

Table 14.124 Prevalence of Nutritional Status (BH/Age) in Adolescents Aged 16 - 18 Years by Province, 2023 SKI

| Province | Nutritional Status Based on BH/Age | | | | | | Weighted N |
|--------------------|------------------------------------|------------------|-------------|--------------------|-------------|--------------------|---------------|
| | Severely Stunting | | Stunting | | Normal | | |
| % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 8.4 | 6.4 - 11 | 27.2 | 23.5 - 31.4 | 64.3 | 60.2 - 68.2 | 684 |
| North Sumatera | 5.7 | 4.4 - 7.2 | 25.7 | 23.1 - 28.5 | 68.6 | 65.7 - 71.4 | 1,908 |
| West Sumatera | 4.2 | 3.2 - 5.6 | 22.1 | 19.5 - 24.9 | 73.7 | 70.7 - 76.5 | 718 |
| Riau | 4.6 | 3.2 - 6.5 | 22.4 | 18.5 - 26.8 | 73.1 | 68.4 - 77.2 | 811 |
| Jambi | 5.4 | 3.4 - 8.4 | 22.5 | 18.6 - 27 | 72.1 | 67.4 - 76.3 | 413 |
| South Sumatera | 2.6 | 1.8 - 3.9 | 18.7 | 16.1 - 21.5 | 78.7 | 75.7 - 81.4 | 999 |
| Bengkulu | 3.0 | 1.9 - 4.7 | 15.9 | 12.9 - 19.4 | 81.1 | 77.4 - 84.3 | 232 |
| Lampung | 4.3 | 2.6 - 7.1 | 16.0 | 13 - 19.6 | 79.7 | 75.6 - 83.2 | 982 |
| Bangka Belitung | 3.6 | 2.3 - 5.6 | 16.6 | 13.5 - 20.2 | 79.8 | 75.9 - 83.2 | 184 |
| Riau Islands | 2.7 | 1.2 - 6 | 11.0 | 7.5 - 15.9 | 86.3 | 80 - 90.9 | 254 |
| DKI Jakarta | 1.0 | 0.5 - 2.1 | 12.7 | 9.4 - 16.8 | 86.4 | 82.2 - 89.6 | 1,150 |
| West Java | 2.5 | 1.7 - 3.6 | 18.1 | 15.8 - 20.7 | 79.3 | 76.7 - 81.7 | 5,994 |
| Central Java | 2.2 | 1.5 - 3.2 | 17.3 | 15.3 - 19.4 | 80.5 | 78.4 - 82.5 | 3,878 |
| DI Yogyakarta | 2.1 | 0.9 - 4.9 | 12.6 | 9.4 - 16.8 | 85.3 | 80.3 - 89.2 | 374 |
| East Java | 2.8 | 2.1 - 3.7 | 19.8 | 17.7 - 22.2 | 77.4 | 75 - 79.6 | 4,250 |
| Banten | 1.6 | 0.8 - 3.3 | 21.3 | 17.4 - 25.7 | 77.1 | 72.6 - 81.1 | 1,501 |
| Bali | 1.1 | 0.4 - 2.9 | 7.6 | 5.5 - 10.4 | 91.3 | 88.1 - 93.7 | 453 |
| West Nusa Tenggara | 3.8 | 2.2 - 6.6 | 23.3 | 19.2 - 27.9 | 72.9 | 68.3 - 77.1 | 661 |
| East Nusa Tenggara | 10.5 | 8.1 - 13.4 | 30.5 | 27 - 34.3 | 59.0 | 55.4 - 62.4 | 726 |
| West Kalimantan | 4.3 | 2.7 - 6.7 | 22.2 | 18.7 - 26.2 | 73.5 | 69.4 - 77.3 | 693 |
| Central Kalimantan | 6.4 | 4.2 - 9.7 | 29.2 | 24.3 - 34.7 | 64.4 | 59 - 69.5 | 332 |
| South Kalimantan | 6.2 | 4.5 - 8.6 | 22.6 | 19.3 - 26.2 | 71.2 | 67.3 - 74.8 | 469 |
| East Kalimantan | 2.6 | 1.4 - 4.9 | 16.3 | 13.2 - 19.9 | 81.1 | 77.1 - 84.5 | 457 |
| North Kalimantan | 2.2 | 0.5 - 8.7 | 18.7 | 12.4 - 27.1 | 79.1 | 70.4 - 85.8 | 104 |
| North Sulawesi | 4.2 | 2.7 - 6.5 | 20.1 | 16.5 - 24.2 | 75.7 | 71.1 - 79.8 | 277 |
| Central Sulawesi | 5.0 | 3.4 - 7.2 | 28.0 | 24.1 - 32.2 | 67.1 | 62.7 - 71.2 | 387 |
| South Sulawesi | 3.7 | 2.9 - 4.7 | 22.3 | 19.9 - 24.8 | 74.0 | 71.4 - 76.5 | 1,203 |
| Southeast Sulawesi | 5.9 | 4.4 - 7.9 | 24.3 | 21 - 27.8 | 69.8 | 65.9 - 73.4 | 359 |
| Gorontalo | 7.5 | 4.9 - 11.3 | 27.7 | 23.2 - 32.8 | 64.7 | 58.9 - 70.2 | 158 |
| West Sulawesi | 10.5 | 6.5 - 16.5 | 31.2 | 25.5 - 37.6 | 58.3 | 50.8 - 65.5 | 190 |
| Maluku | 6.2 | 4.3 - 8.7 | 23.6 | 20 - 27.5 | 70.3 | 66 - 74.2 | 256 |
| North Maluku | 7.7 | 5.4 - 11 | 20.5 | 16.4 - 25.3 | 71.7 | 66.8 - 76.2 | 175 |
| West Papua | 2.2 | 1.1 - 4.5 | 19.0 | 13.2 - 26.5 | 78.8 | 71.3 - 84.7 | 67 |
| Southwest Papua | 5.1 | 2 - 12.2 | 21.4 | 15 - 29.5 | 73.5 | 65 - 80.6 | 76 |
| Papua | 4.8 | 2.3 - 9.9 | 19.3 | 13.2 - 27.3 | 75.9 | 67.6 - 82.5 | 98 |
| South Papua | 9.5 | 4.9 - 17.7 | 22.5 | 14.4 - 33.5 | 68.0 | 57.2 - 77.1 | 60 |
| Central Papua | 13.5 | 6.4 - 26.2 | 23.2 | 12.6 - 38.7 | 63.3 | 46.8 - 77.2 | 141 |
| Highland Papua | 8.9 | 4 - 18.3 | 32.6 | 20.7 - 47.3 | 58.5 | 44.5 - 71.2 | 153 |
| INDONESIA | 3.6 | 3.3 - 3.9 | 20.1 | 19.3 - 20.8 | 76.3 | 75.6 - 77.1 | 31,825 |

Table 14.125 Proportion of Nutritional Status (BH/Age) in Adolescents Aged 16 - 18 Years by Characteristic, 2023 SKI

| Characteristic | Nutritional Status Based on BH/Age | | | | | | Weighted N |
|------------------------|------------------------------------|-----------|----------|-------------|--------|-------------|------------|
| | Severely Stunting | | Stunting | | Normal | | |
| % | 95% CI | % | 95% CI | % | 95% CI | | |
| Sex | | | | | | | |
| Male | 4.8 | 4.3 - 5.3 | 22.9 | 21.8 - 24 | 72.3 | 71.2 - 73.4 | 16,257 |
| Female | 2.4 | 2.1 - 2.8 | 17.1 | 16.2 - 18.1 | 80.5 | 79.5 - 81.5 | 15,568 |
| Residence | | | | | | | |
| Urban | 2.8 | 2.4 - 3.2 | 17.8 | 16.8 - 18.7 | 79.5 | 78.5 - 80.4 | 18,477 |
| Rural | 4.8 | 4.3 - 5.3 | 23.2 | 22.1 - 24.5 | 72.0 | 70.7 - 73.2 | 13,348 |
| Economic Status | | | | | | | |
| Lowest | 6.4 | 5.5 - 7.4 | 28.1 | 26.1 - 30.1 | 65.5 | 63.4 - 67.6 | 4,451 |
| Lower middle | 4.1 | 3.5 - 4.8 | 22.8 | 21.3 - 24.5 | 73.1 | 71.4 - 74.7 | 5,922 |
| Middle | 3.4 | 2.7 - 4.2 | 21.2 | 19.6 - 22.9 | 75.4 | 73.7 - 77.1 | 6,980 |
| Upper middle | 3.1 | 2.6 - 3.7 | 17.4 | 16.1 - 18.9 | 79.5 | 77.9 - 80.9 | 7,487 |
| Highest | 2.2 | 1.7 - 2.9 | 14.2 | 12.8 - 15.8 | 83.5 | 81.9 - 85.1 | 6,984 |

Table 14.126 Prevalence of Nutritional Status (BMI/Age) in Ages 16 - 18 Years by Province, 2023 SKI

| Province | Nutritional Status Based on BMI/Age | | | | | | | | | | Weighted N |
|--------------------|-------------------------------------|------------------|------------|----------------|-------------|--------------------|------------|------------------|------------|------------------|--------------|
| | Severely Thin | | Thin | | Normal | | Overweight | | Obese | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 0.5 | 0.2 - 1.4 | 5.2 | 3.7 - 7.3 | 82.2 | 78.9 - 85.1 | 9.6 | 7.4 - 12.4 | 2.5 | 1.6 - 4.0 | 684 |
| North Sumatera | 0.5 | 0.2 - 1.1 | 4.0 | 3 - 5.4 | 84.7 | 82.2 - 86.9 | 8.6 | 6.9 - 10.6 | 2.2 | 1.5 - 3.2 | 1,908 |
| West Sumatera | 2.9 | 2.0 - 4.2 | 6.9 | 5.5 - 8.7 | 80.6 | 78 - 82.9 | 7.1 | 5.6 - 9 | 2.4 | 1.7 - 3.5 | 718 |
| Riau | 1.8 | 0.8 - 3.8 | 4.8 | 3.3 - 6.9 | 83.0 | 79 - 86.4 | 8.9 | 6.4 - 12.2 | 1.5 | 0.9 - 2.5 | 811 |
| Jambi | 0.6 | 0.1 - 3.3 | 5.9 | 4.1 - 8.5 | 88.3 | 84.6 - 91.1 | 4.5 | 2.7 - 7.3 | 0.7 | 0.2 - 2.0 | 413 |
| South Sumatera | 1.7 | 1.1 - 2.9 | 6.9 | 5.3 - 8.8 | 83.2 | 80.5 - 85.5 | 6.8 | 5.4 - 8.6 | 1.4 | 0.8 - 2.5 | 999 |
| Bengkulu | 1.3 | 0.5 - 3.3 | 3.6 | 2.2 - 5.8 | 87.4 | 84 - 90.1 | 5.8 | 4 - 8.3 | 1.9 | 1.0 - 3.5 | 232 |
| Lampung | 1.8 | 1.0 - 3.2 | 5.5 | 4.1 - 7.4 | 84.5 | 81.3 - 87.3 | 6.4 | 4.6 - 8.9 | 1.8 | 0.9 - 3.5 | 982 |
| Bangka Belitung | 1.8 | 0.9 - 3.4 | 3.9 | 2.6 - 5.9 | 81.7 | 77.8 - 85.1 | 8.6 | 6.4 - 11.4 | 4.0 | 2.5 - 6.1 | 184 |
| Riau Islands | 1.1 | 0.5 - 2.4 | 6.5 | 3.5 - 11.8 | 76.4 | 70.4 - 81.5 | 10.9 | 7.3 - 16 | 5.1 | 2.6 - 9.9 | 254 |
| DKI Jakarta | 2.6 | 1.2 - 5.5 | 5.0 | 3.4 - 7.5 | 73.2 | 68.5 - 77.5 | 14.4 | 11.1 - 18.5 | 4.8 | 2.8 - 8.0 | 1,150 |
| West Java | 1.9 | 1.3 - 2.6 | 6.3 | 5.1 - 7.8 | 78.7 | 76.2 - 81.1 | 8.9 | 7.3 - 10.8 | 4.2 | 3.1 - 5.7 | 5,994 |
| Central Java | 1.8 | 1.3 - 2.6 | 8.0 | 6.7 - 9.5 | 78.6 | 76.5 - 80.5 | 8.7 | 7.4 - 10 | 2.9 | 2.3 - 3.7 | 3,878 |
| DI Yogyakarta | 2.6 | 1.2 - 5.5 | 10.2 | 6.7 - 15.1 | 68.1 | 62.5 - 73.3 | 13.5 | 10 - 17.9 | 5.6 | 3.6 - 8.8 | 374 |
| East Java | 1.4 | 0.9 - 2.3 | 6.7 | 5.6 - 8.1 | 77.0 | 74.7 - 79.1 | 10.2 | 8.8 - 11.7 | 4.7 | 3.6 - 6.1 | 4,250 |
| Banten | 1.0 | 0.4 - 2.4 | 7.6 | 5.4 - 10.6 | 80.9 | 76.7 - 84.5 | 8.4 | 6.2 - 11.2 | 2.1 | 1.1 - 4.0 | 1,501 |
| Bali | 0.9 | 0.4 - 2.1 | 4.6 | 3.1 - 7 | 81.2 | 77.8 - 84.2 | 10.4 | 8.1 - 13.3 | 2.8 | 1.8 - 4.5 | 453 |
| West Nusa Tenggara | 1.2 | 0.4 - 4.0 | 6.8 | 4.8 - 9.6 | 83.5 | 79.1 - 87.1 | 6.1 | 4.2 - 8.7 | 2.4 | 1.2 - 4.8 | 661 |
| East Nusa Tenggara | 3.7 | 2.6 - 5.1 | 9.4 | 7.5 - 11.8 | 82.1 | 79.2 - 84.7 | 3.7 | 2.4 - 5.7 | 1.0 | 0.5 - 2.1 | 726 |
| West Kalimantan | 1.5 | 0.7 - 3.2 | 5.0 | 3.4 - 7.2 | 83.6 | 79.8 - 86.9 | 8.8 | 6.3 - 12.2 | 1.1 | 0.5 - 2.2 | 693 |
| Central Kalimantan | 3.7 | 1.8 - 7.5 | 4.9 | 3.1 - 7.8 | 78.8 | 74 - 83 | 8.7 | 6.3 - 12.1 | 3.8 | 2.2 - 6.4 | 332 |
| South Kalimantan | 1.5 | 0.7 - 2.9 | 9.6 | 7.2 - 12.6 | 76.1 | 72.1 - 79.6 | 9.4 | 7.1 - 12.3 | 3.5 | 2.4 - 5.2 | 469 |
| East Kalimantan | 1.7 | 0.8 - 3.7 | 5.3 | 3.2 - 8.7 | 77.3 | 71.5 - 82.2 | 10.5 | 7.5 - 14.5 | 5.2 | 3.0 - 8.9 | 457 |
| North Kalimantan | 1.3 | 0.3 - 4.6 | 6.2 | 3 - 12.3 | 82.7 | 75 - 88.4 | 7.6 | 4.3 - 12.9 | 2.3 | 0.8 - 6.2 | 104 |
| North Sulawesi | 1.5 | 0.6 - 3.3 | 5.2 | 3.3 - 8.1 | 79.1 | 74.7 - 82.9 | 9.6 | 7.1 - 13 | 4.6 | 2.7 - 7.7 | 277 |
| Central Sulawesi | 1.4 | 0.7 - 2.6 | 9.7 | 7.2 - 13 | 76.4 | 72.3 - 80.1 | 7.4 | 5.5 - 9.7 | 5.1 | 3.3 - 7.9 | 387 |
| South Sulawesi | 2.3 | 1.3 - 4.3 | 9.9 | 8.1 - 12.2 | 74.9 | 72 - 77.6 | 8.8 | 7.2 - 10.6 | 4.1 | 2.8 - 5.8 | 1,203 |
| Southeast Sulawesi | 1.7 | 1.0 - 2.9 | 7.2 | 5.5 - 9.4 | 81.7 | 78.2 - 84.7 | 6.3 | 4.6 - 8.6 | 3.0 | 1.5 - 5.9 | 359 |
| Gorontalo | 2.1 | 0.9 - 4.6 | 5.3 | 3.2 - 8.6 | 77.9 | 72.5 - 82.5 | 9.6 | 6.6 - 13.8 | 5.2 | 3.0 - 8.8 | 158 |
| West Sulawesi | 0.8 | 0.2 - 3.8 | 8.7 | 5.8 - 12.8 | 80.2 | 75.3 - 84.4 | 7.1 | 4.7 - 10.6 | 3.1 | 1.5 - 6.5 | 190 |
| Maluku | 2.5 | 1.1 - 5.7 | 7.8 | 5.7 - 10.6 | 84.7 | 81 - 87.7 | 3.6 | 2.4 - 5.4 | 1.3 | 0.6 - 2.9 | 256 |
| North Maluku | 1.2 | 0.3 - 4.6 | 4.4 | 2.8 - 6.9 | 84.7 | 80.3 - 88.2 | 8.2 | 5.6 - 11.7 | 1.6 | 0.8 - 3.2 | 175 |
| West Papua | 0.5 | 0.1 - 1.9 | 2.8 | 1.4 - 5.7 | 87.1 | 82.3 - 90.7 | 4.5 | 2.6 - 7.8 | 5.1 | 2.7 - 9.4 | 67 |
| Southwest Papua | 1.2 | 0.3 - 4.8 | 6.0 | 2.3 - 14.8 | 75.6 | 65 - 83.8 | 12.1 | 6 - 22.9 | 5.1 | 2.6 - 9.8 | 76 |
| Papua | 1.1 | 0.2 - 7.3 | 6.8 | 3.6 - 12.6 | 76.5 | 68.4 - 83 | 14.7 | 9.7 - 21.8 | 0.9 | 0.2 - 4.7 | 98 |
| South Papua | 2.4 | 0.7 - 8.2 | 3.1 | 0.9 - 9.9 | 86.2 | 78.4 - 91.5 | 6.7 | 3.4 - 12.9 | 1.5 | 0.4 - 6.1 | 60 |
| Central Papua | 0 | 0 | 1.5 | 0.5 - 4.5 | 80.4 | 72 - 86.8 | 16.1 | 10 - 24.8 | 2.0 | 0.5 - 8.0 | 141 |
| Highland Papua | 0 | 0 | 2.3 | 0.5 - 10.2 | 86.4 | 74.3 - 93.3 | 10.4 | 4.4 - 22.6 | 1.0 | 0.1 - 6.6 | 153 |
| INDONESIA | 1.7 | 1.5 - 1.9 | 6.6 | 6.2 - 7 | 79.6 | 78.9 - 80.3 | 8.8 | 8.3 - 9.4 | 3.3 | 2.9 - 3.7 | 3,125 |

Table 14.127 Proportion of Nutritional Status (BMI/Age) in Ages 16 - 18 Years by Characteristic, 2023 SKI

| Characteristic | Nutritional Status Based on BMI/Age | | | | | | | | | | Weighted N |
|------------------------|-------------------------------------|-----------|--------|-----------|--------|-------------|------------|------------|--------|-----------|------------|
| | Severely Thin | | Thin | | Normal | | Overweight | | Obese | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Sex | | | | | | | | | | | |
| Male | 2.6 | 2.2 - 3.0 | 8.7 | 8.0 - 9.4 | 77.1 | 76.0 - 78.2 | 8.2 | 7.5 - 8.9 | 3.5 | 2.9 - 4.1 | 16,257 |
| Female | 0.7 | 0.5 - 1.0 | 4.4 | 4.0 - 4.9 | 82.2 | 81.2 - 83.2 | 9.5 | 8.8 - 10.3 | 3.1 | 2.7 - 3.6 | 15,568 |
| Residence | | | | | | | | | | | |
| Urban | 2.0 | 1.7 - 2.3 | 7.0 | 6.4 - 7.6 | 77.2 | 76.2 - 78.2 | 10.0 | 9.3 - 10.8 | 3.8 | 3.3 - 4.3 | 18,477 |
| Rural | 1.3 | 1.0 - 1.6 | 6.1 | 5.5 - 6.7 | 82.9 | 81.9 - 84.0 | 7.2 | 6.5 - 7.9 | 2.6 | 2.1 - 3.1 | 13,348 |
| Economic Status | | | | | | | | | | | |
| Lowest | 1.7 | 1.3 - 2.1 | 7.1 | 6.0 - 8.3 | 81.0 | 79.2 - 82.7 | 7.4 | 6.4 - 8.6 | 2.8 | 2.0 - 4.0 | 4,451 |
| Lower middle | 1.7 | 1.3 - 2.3 | 6.4 | 5.6 - 7.4 | 81.0 | 79.4 - 82.5 | 8.1 | 7.1 - 9.4 | 2.7 | 2.2 - 3.4 | 5,922 |
| Middle | 1.6 | 1.2 - 2.1 | 6.2 | 5.4 - 7.2 | 80.9 | 79.3 - 82.4 | 8.4 | 7.4 - 9.6 | 2.8 | 2.3 - 3.5 | 6,980 |
| Upper middle | 2.0 | 1.5 - 2.6 | 7.1 | 6.3 - 8.1 | 78.0 | 76.4 - 79.5 | 9.3 | 8.3 - 10.4 | 3.5 | 2.8 - 4.4 | 7,487 |
| Highest | 1.4 | 1.0 - 1.9 | 6.2 | 5.3 - 7.2 | 78.0 | 76.3 - 79.6 | 10.2 | 9.1 - 11.4 | 4.2 | 3.4 - 5.3 | 6,984 |

14.11 NUTRITIONAL STATUS IN ADULTS (BMI AND CENTRAL OBESITY)

Body Mass Index (BMI):

Nutritional status in adults is assessed using the Body Mass Index (BMI). The nutritional status indicator used for this age range is based on anthropometric measurements of body weight (BW) and body height (BH), presented in the form of Body Mass Index (BMI). The body mass index is calculated using the following formula:

$$IMT = \frac{BB(kg)}{TB^2}$$

Here are the BMI thresholds used to assess the nutritional status of adults (>18 years old) as follows:

- Wasting category : IMT < 18.5
- Normal category : IMT ≥ 18.5 - < 25.0
- Overweight category : IMT ≥ 25.0 - < 27.0
- Obesity category : IMT ≥ 27.0

Based on the BMI indicator:

$$\text{Prevalence of Wasting in Population } >18 \text{ Years} = \frac{\text{Number of Adults } >18 \text{ Years with Wasting}}{\text{Number of Adults } >18 \text{ Years Measured for BW and BH}} \times 100\%$$

$$\text{Prevalence of Normal Weight in Population } >18 \text{ Years} = \frac{\text{Number of Adults } >18 \text{ Years Normal Weight}}{\text{Number of Adults } >18 \text{ Years Measured for BW and BH}} \times 100\%$$

$$\text{Prevalence of Overweight in Population } >18 \text{ Years} = \frac{\text{Number of Adults } >18 \text{ Years Overweight}}{\text{Number of Adults } >18 \text{ Years Measured for BW and BH}} \times 100\%$$

$$\text{Prevalence of Obesity in Population } >18 \text{ Years} = \frac{\text{Number of Adults } >18 \text{ Years Obese}}{\text{Number of Adults } >18 \text{ Years Measured for BW and BH}} \times 100\%$$

Central Obesity:

The definition of "**Central obesity or abdominal obesity**" is an excess accumulation of abdominal fat in the abdomen or waist area. Measurement of waist circumference is performed in adults aged ≥ 15 years.

The threshold for central obesity is if the waist circumference value is:

- Male > 90 cm
- Female > 80 cm

Calculation Formula:

$$\text{Prevalence of Central Obesity in Population } \geq 15 \text{ Years} = \frac{\frac{\text{Number of Adults } \geq 15 \text{ Years with Waist Measurement Male } > 90 \text{ cm or Female } > 80 \text{ cm}}{\text{Number of Adults } \geq 15 \text{ Years Measured for Waist Circumference}} \times 100\%}{}$$

Table 14.128 Prevalence of Nutritional Status in Adult Population (>18 Years) Based on BMI Categories by Province, 2023 SKI

| Province | Nutritional Status Based on BMI | | | | | | | | Weighted N |
|--------------------|---------------------------------|------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|----------------|
| | Wasting | | Normal | | Overweight | | Obese | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 5.9 | 5.4 - 6.4 | 54.2 | 53.2 - 55.2 | 16.3 | 15.6 - 17.0 | 23.6 | 22.8 - 24.4 | 10,793 |
| North Sumatera | 3.8 | 3.5 - 4.2 | 55.2 | 54.1 - 56.3 | 16.6 | 16.0 - 17.3 | 24.3 | 23.5 - 25.3 | 30,574 |
| West Sumatera | 9.2 | 8.6 - 9.8 | 56.1 | 55.1 - 57.1 | 13.2 | 12.7 - 13.8 | 21.5 | 20.6 - 22.3 | 11,822 |
| Riau | 5.9 | 5.3 - 6.5 | 53.3 | 52.1 - 54.5 | 16.0 | 15.3 - 16.9 | 24.8 | 23.7 - 25.9 | 13,138 |
| Jambi | 4.9 | 4.4 - 5.5 | 65.1 | 63.8 - 66.4 | 15.4 | 14.5 - 16.3 | 14.6 | 13.7 - 15.6 | 7,371 |
| South Sumatera | 8.2 | 7.6 - 8.7 | 60.6 | 59.6 - 61.7 | 13.4 | 12.7 - 14.0 | 17.8 | 17.1 - 18.6 | 17,799 |
| Bengkulu | 6.9 | 6.3 - 7.6 | 59.3 | 57.9 - 60.7 | 14.4 | 13.2 - 15.6 | 19.4 | 18.4 - 20.5 | 4,288 |
| Lampung | 7.4 | 6.8 - 8.0 | 59.2 | 58.2 - 60.3 | 14.5 | 13.8 - 15.2 | 18.9 | 18.1 - 19.8 | 19,182 |
| Bangka Belitung | 5.6 | 5.0 - 6.3 | 55.1 | 53.7 - 56.6 | 14.7 | 13.8 - 15.7 | 24.5 | 23.4 - 25.7 | 3,165 |
| Riau Islands | 5.0 | 4.2 - 5.8 | 50.9 | 48.9 - 52.8 | 17.4 | 16.0 - 18.8 | 26.8 | 25.2 - 28.4 | 4,404 |
| DKI Jakarta | 6.4 | 5.7 - 7.1 | 45.6 | 44.0 - 47.3 | 16.2 | 15.2 - 17.3 | 31.8 | 30.2 - 33.4 | 23,100 |
| West Java | 8.6 | 8.1 - 9.0 | 51.7 | 50.9 - 52.5 | 14.1 | 13.6 - 14.6 | 25.7 | 25.0 - 26.3 | 104,413 |
| Central Java | 9.0 | 8.7 - 9.4 | 54.9 | 54.2 - 55.6 | 13.5 | 13.1 - 13.9 | 22.5 | 22.0 - 23.1 | 80,074 |
| DI Yogyakarta | 9.3 | 8.5 - 10.1 | 51.7 | 50.2 - 53.2 | 14.4 | 13.5 - 15.4 | 24.6 | 23.3 - 25.9 | 8,146 |
| East Java | 7.9 | 7.5 - 8.2 | 52.9 | 52.3 - 53.5 | 14.8 | 14.4 - 15.2 | 24.4 | 23.9 - 24.9 | 91,060 |
| Banten | 8.2 | 7.4 - 9.0 | 54.9 | 53.4 - 56.4 | 13.3 | 12.5 - 14.2 | 23.6 | 22.4 - 24.9 | 25,391 |
| Bali | 4.8 | 4.3 - 5.3 | 55.3 | 53.9 - 56.8 | 15.9 | 15.2 - 16.8 | 23.9 | 22.8 - 25.1 | 9,679 |
| West Nusa Tenggara | 9.2 | 8.4 - 10.1 | 58.9 | 57.4 - 60.3 | 12.2 | 11.3 - 13.1 | 19.7 | 18.7 - 20.8 | 10,943 |
| East Nusa Tenggara | 14.6 | 13.9 - 15.3 | 61.4 | 60.5 - 62.3 | 10.7 | 10.2 - 11.3 | 13.3 | 12.7 - 14.0 | 10,640 |
| West Kalimantan | 7.0 | 6.3 - 7.7 | 62.2 | 61.0 - 63.5 | 13.6 | 12.9 - 14.4 | 17.1 | 16.3 - 18.0 | 11,417 |
| Central Kalimantan | 6.9 | 6.2 - 7.7 | 56.6 | 55.2 - 58.1 | 15.1 | 14.2 - 16.1 | 21.4 | 20.1 - 22.7 | 5,611 |
| South Kalimantan | 10.1 | 9.4 - 10.8 | 56.5 | 55.4 - 57.5 | 14.1 | 13.3 - 14.8 | 19.4 | 18.6 - 20.2 | 8,569 |
| East Kalimantan | 6.1 | 5.4 - 6.9 | 50.7 | 49.0 - 52.5 | 15.2 | 14.3 - 16.1 | 28.0 | 26.6 - 29.5 | 8,127 |
| North Kalimantan | 4.9 | 4.0 - 5.9 | 54.8 | 52.2 - 57.4 | 17.3 | 15.9 - 18.9 | 22.9 | 21.0 - 25.0 | 1,505 |
| North Sulawesi | 4.9 | 4.3 - 5.5 | 47.6 | 46.4 - 48.8 | 16.9 | 16.0 - 17.8 | 30.6 | 29.5 - 31.8 | 5,734 |
| Central Sulawesi | 9.3 | 8.5 - 10.2 | 55.2 | 53.9 - 56.4 | 13.6 | 12.9 - 14.3 | 22.0 | 21.0 - 22.9 | 6,219 |
| South Sulawesi | 9.3 | 8.8 - 9.9 | 56.1 | 55.2 - 57.0 | 13.5 | 13.0 - 14.1 | 21.1 | 20.3 - 21.8 | 19,269 |
| Southeast Sulawesi | 7.2 | 6.6 - 7.9 | 57.1 | 56.0 - 58.2 | 15.2 | 14.5 - 15.9 | 20.6 | 19.7 - 21.5 | 5,332 |
| Gorontalo | 6.6 | 5.9 - 7.5 | 50.9 | 49.2 - 52.6 | 15.0 | 13.9 - 16.1 | 27.5 | 26.1 - 28.9 | 2,539 |
| West Sulawesi | 8.2 | 7.2 - 9.3 | 58.2 | 56.5 - 59.9 | 14.1 | 13.0 - 15.3 | 19.5 | 18.2 - 20.9 | 2,859 |
| Maluku | 9.0 | 8.1 - 9.9 | 57.4 | 55.8 - 59.0 | 13.0 | 12.1 - 14.0 | 20.7 | 19.4 - 21.9 | 3,873 |
| North Maluku | 5.9 | 5.1 - 6.8 | 56.5 | 54.9 - 58.1 | 14.6 | 13.6 - 15.6 | 23.0 | 21.8 - 24.3 | 2,648 |
| West Papua | 5.4 | 4.4 - 6.6 | 51.2 | 48.5 - 53.9 | 14.1 | 12.6 - 15.8 | 29.3 | 27.1 - 31.5 | 1,122 |
| Southwest Papua | 6.2 | 5.1 - 7.5 | 50.5 | 47.9 - 53.0 | 14.1 | 12.3 - 16.0 | 29.3 | 27.0 - 31.6 | 1,238 |
| Papua | 5.0 | 4.1 - 6.0 | 49.5 | 47.2 - 51.8 | 14.2 | 12.8 - 15.8 | 31.3 | 28.9 - 33.8 | 1,920 |
| South Papua | 8.4 | 7.0 - 10.2 | 56.8 | 53.5 - 60.1 | 14.6 | 11.9 - 17.8 | 20.1 | 17.8 - 22.6 | 878 |
| Central Papua | 4.0 | 3.0 - 5.3 | 51.5 | 47.4 - 55.5 | 17.6 | 15.2 - 20.3 | 26.9 | 24.0 - 30.1 | 2,760 |
| Highland Papua | 4.0 | 2.7 - 6.0 | 63.8 | 59.7 - 67.7 | 15.7 | 13.7 - 18.0 | 16.4 | 13.7 - 19.6 | 3,233 |
| INDONESIA | 7.8 | 7.7 - 7.9 | 54.4 | 54.1 - 54.6 | 14.4 | 14.3 - 14.6 | 23.4 | 23.2 - 23.6 | 580,834 |

Table 14.129 Proportion of Nutritional Status in Adult Population (>18 Years) Based on BMI Categories by Characteristic, 2023 SKI

| Characteristic | Nutritional Status Based on BMI | | | | | | | | Weighted N |
|--|---------------------------------|-------------|--------|-------------|------------|-------------|-------|-------------|------------|
| | Wasting | | Normal | | Overweight | | Obese | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | | | | | |
| 19 | 21.6 | 20.1 - 23.2 | 63.7 | 61.9 - 65.4 | 6.2 | 5.4 - 7.2 | 8.5 | 7.6 - 9.4 | 11,431 |
| 20 - 24 | 15.3 | 14.7 - 15.8 | 62.7 | 62.0 - 63.5 | 8.6 | 8.2 - 9.1 | 13.4 | 12.9 - 13.9 | 67,080 |
| 25 - 29 | 8.2 | 7.8 - 8.6 | 57.7 | 57.0 - 58.4 | 13.3 | 12.9 - 13.8 | 20.8 | 20.2 - 21.4 | 67,708 |
| 30 - 34 | 5.5 | 5.2 - 5.9 | 52.8 | 52.1 - 53.5 | 15.3 | 14.9 - 15.8 | 26.4 | 25.8 - 27.0 | 66,762 |
| 35 - 39 | 4.4 | 4.1 - 4.7 | 50.7 | 50.1 - 51.3 | 16.9 | 16.5 - 17.4 | 27.9 | 27.4 - 28.5 | 64,639 |
| 40 - 44 | 3.9 | 3.6 - 4.1 | 49.1 | 48.5 - 49.7 | 16.6 | 16.1 - 17.0 | 30.4 | 29.9 - 31.0 | 61,628 |
| 45 - 49 | 3.8 | 3.6 - 4.1 | 48.7 | 48.1 - 49.4 | 17.2 | 16.8 - 17.7 | 30.2 | 29.6 - 30.8 | 57,757 |
| 50 - 54 | 4.4 | 4.2 - 4.7 | 50.6 | 49.9 - 51.3 | 17.1 | 16.6 - 17.6 | 27.9 | 27.3 - 28.5 | 51,078 |
| 55 - 59 | 5.9 | 5.6 - 6.3 | 53.4 | 52.6 - 54.1 | 15.8 | 15.3 - 16.3 | 24.9 | 24.3 - 25.5 | 43,239 |
| 60 - 64 | 8.6 | 8.2 - 9.1 | 56.0 | 55.2 - 56.8 | 14.6 | 14.1 - 15.2 | 20.7 | 20.1 - 21.4 | 34,468 |
| 65 + | 14.9 | 14.4 - 15.4 | 59.5 | 58.9 - 60.2 | 11.5 | 11.1 - 11.9 | 14.1 | 13.7 - 14.6 | 55,045 |
| Sex | | | | | | | | | |
| Male | 9.2 | 9.0 - 9.4 | 61.6 | 61.3 - 62.0 | 13.6 | 13.3 - 13.8 | 15.7 | 15.4 - 15.9 | 290,965 |
| Female | 6.4 | 6.3 - 6.6 | 47.1 | 46.8 - 47.4 | 15.3 | 15.1 - 15.5 | 31.2 | 30.9 - 31.4 | 289,869 |
| Education | | | | | | | | | |
| Never attended school | 12.5 | 11.9 - 13.2 | 60.4 | 59.4 - 61.3 | 11.4 | 10.8 - 12.0 | 15.7 | 15.0 - 16.5 | 24,908 |
| Some primary school/Islamic primary school | 10.2 | 9.7 - 10.7 | 57.1 | 56.3 - 58.0 | 13.0 | 12.5 - 13.6 | 19.6 | 19.0 - 20.3 | 37,752 |
| Primary school/Islamic primary school graduate | 8.2 | 7.9 - 8.4 | 56.3 | 55.8 - 56.7 | 13.6 | 13.3 - 13.9 | 22.0 | 21.6 - 22.3 | 151,362 |
| Junior secondary school/Islamic junior secondary school graduate | 7.0 | 6.7 - 7.3 | 53.8 | 53.3 - 54.4 | 14.6 | 14.2 - 14.9 | 24.6 | 24.2 - 25.1 | 103,887 |
| Senior secondary school/Islamic senior secondary school graduate | 7.9 | 7.7 - 8.2 | 53.7 | 53.3 - 54.1 | 14.8 | 14.5 - 15.1 | 23.6 | 23.2 - 23.9 | 201,586 |
| D1/D2/D3/Ageniversity graduate | 4.5 | 4.2 - 4.8 | 48.9 | 48.2 - 49.5 | 17.0 | 16.6 - 17.5 | 29.6 | 29.0 - 30.2 | 61,339 |
| Occupation | | | | | | | | | |
| Unemployed | 7.7 | 7.5 - 7.9 | 47.6 | 47.2 - 48.0 | 14.8 | 14.5 - 15.0 | 29.9 | 29.6 - 30.3 | 175,906 |
| Student | 16.5 | 15.5 - 17.5 | 61.7 | 60.4 - 63.0 | 9.0 | 8.2 - 9.7 | 12.9 | 12.0 - 13.8 | 20,288 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 2.8 | 2.5 - 3.2 | 45.7 | 44.7 - 46.7 | 19.4 | 18.7 - 20.2 | 32.0 | 31.0 - 33.0 | 19,846 |
| Private employee | 6.5 | 6.1 - 6.9 | 54.2 | 53.4 - 54.9 | 15.8 | 15.3 - 16.3 | 23.6 | 22.9 - 24.2 | 72,031 |
| Self-employed | 6.0 | 5.7 - 6.3 | 53.2 | 52.7 - 53.8 | 15.9 | 15.5 - 16.3 | 24.9 | 24.4 - 25.3 | 97,115 |
| Farmer/farm worker/Fisher | 9.3 | 9.0 - 9.6 | 64.7 | 64.2 - 65.1 | 12.3 | 12.0 - 12.6 | 13.7 | 13.4 - 14.1 | 102,048 |
| Fisher | 7.6 | 6.2 - 9.3 | 64.5 | 62.5 - 66.4 | 12.5 | 11.3 - 13.8 | 15.4 | 14.0 - 16.9 | 5,041 |
| Labor/driver/domestic help | 9.9 | 9.3 - 10.5 | 61.2 | 60.3 - 62.1 | 12.8 | 12.3 - 13.4 | 16.1 | 15.5 - 16.7 | 50,876 |
| Others | 6.7 | 6.3 - 7.1 | 51.5 | 50.7 - 52.2 | 14.9 | 14.4 - 15.5 | 26.9 | 26.2 - 27.6 | 37,684 |
| Residence | | | | | | | | | |
| Urban | 7.4 | 7.2 - 7.6 | 51.2 | 50.9 - 51.6 | 15.1 | 14.9 - 15.3 | 26.3 | 26.0 - 26.6 | 341,318 |
| Rural | 8.4 | 8.2 - 8.6 | 58.8 | 58.5 - 59.2 | 13.5 | 13.3 - 13.7 | 19.3 | 19.0 - 19.6 | 239,516 |
| Economic Status | | | | | | | | | |
| Lowest | 11.8 | 11.5 - 12.2 | 62.8 | 62.2 - 63.3 | 11.1 | 10.8 - 11.4 | 14.3 | 13.9 - 14.7 | 84,276 |
| Lower middle | 9.8 | 9.5 - 10.2 | 58.0 | 57.5 - 58.5 | 12.9 | 12.6 - 13.2 | 19.3 | 18.9 - 19.6 | 105,620 |
| Middle | 7.8 | 7.5 - 8.1 | 55.6 | 55.1 - 56.1 | 14.1 | 13.8 - 14.5 | 22.5 | 22.1 - 22.9 | 122,223 |
| Upper middle | 6.6 | 6.3 - 6.9 | 52.2 | 51.7 - 52.7 | 15.1 | 14.8 - 15.5 | 26.1 | 25.6 - 26.5 | 134,484 |
| Highest | 4.9 | 4.7 - 5.2 | 47.3 | 46.8 - 47.9 | 17.2 | 16.9 - 17.6 | 30.5 | 30.0 - 31.0 | 134,186 |

Table 14.130 Prevalence of Nutritional Status in Adult Male Population (> 18 Years) Based on BMI Categories by Province, 2023 SKI

| Province | Nutritional Status in Adult Male Based on BMI | | | | | | | | Weighted N |
|--------------------|---|------------------|-------------|-------------------|-------------|--------------------|-------------|--------------------|----------------|
| | Wasting | | Normal | | Overweight | | Obese | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Aceh | 6.6 | 5.8 - 7.4 | 62.4 | 0.8 - 60.8 | 16.1 | 15.0 - 17.3 | 14.9 | 13.9 - 16.0 | 4,795 |
| North Sumatera | 4.2 | 3.7 - 4.8 | 61.4 | 0.7 - 59.9 | 16.8 | 15.9 - 17.8 | 17.6 | 16.6 - 18.6 | 13,629 |
| West Sumatera | 10.8 | 9.9 - 11.7 | 64.2 | 0.7 - 62.8 | 12.1 | 11.2 - 12.9 | 13.0 | 12.0 - 13.9 | 5,337 |
| Riau | 6.5 | 5.8 - 7.4 | 60.4 | 0.9 - 58.7 | 15.9 | 14.7 - 17.1 | 17.2 | 15.9 - 18.6 | 5,997 |
| Jambi | 5.5 | 4.8 - 6.5 | 69.1 | 0.9 - 67.3 | 15.4 | 14.2 - 16.8 | 10.0 | 8.9 - 11.1 | 3,328 |
| South Sumatera | 9.5 | 8.7 - 10.4 | 68.2 | 0.7 - 66.9 | 11.4 | 10.6 - 12.3 | 10.9 | 10.1 - 11.8 | 8,129 |
| Bengkulu | 8.9 | 7.9 - 10.0 | 67.4 | 0.8 - 65.8 | 12.2 | 11.1 - 13.4 | 11.5 | 10.4 - 12.6 | 1,970 |
| Lampung | 8.7 | 7.8 - 9.6 | 68.1 | 0.7 - 66.7 | 12.4 | 11.4 - 13.4 | 10.8 | 9.9 - 11.9 | 8,813 |
| Bangka Belitung | 6.7 | 5.8 - 7.7 | 64.0 | 0.9 - 62.1 | 13.5 | 12.3 - 14.9 | 15.8 | 14.5 - 17.2 | 1,471 |
| Riau Islands | 5.3 | 4.4 - 6.4 | 57.1 | 1.3 - 54.5 | 17.9 | 16.1 - 19.9 | 19.7 | 17.6 - 22.0 | 2,013 |
| DKI Jakarta | 7.6 | 6.5 - 8.8 | 51.0 | 1.2 - 48.7 | 16.8 | 15.3 - 18.4 | 24.7 | 22.7 - 26.8 | 10,347 |
| West Java | 11.4 | 10.7 - 12.2 | 59.8 | 0.6 - 58.6 | 13.1 | 12.3 - 13.8 | 15.8 | 15.0 - 16.7 | 47,423 |
| Central Java | 10.4 | 9.8 - 11.0 | 62.5 | 0.5 - 61.5 | 12.3 | 11.8 - 12.9 | 14.8 | 14.1 - 15.5 | 35,953 |
| DI Yogyakarta | 9.9 | 8.8 - 11.2 | 58.6 | 1.1 - 56.5 | 13.3 | 12.1 - 14.6 | 18.2 | 16.6 - 19.9 | 3,610 |
| East Java | 9.0 | 8.5 - 9.6 | 60.7 | 0.4 - 59.9 | 14.0 | 13.5 - 14.7 | 16.2 | 15.6 - 16.8 | 40,472 |
| Banten | 10.0 | 8.8 - 11.4 | 62.1 | 1.1 - 59.9 | 12.5 | 11.2 - 13.9 | 15.4 | 14.0 - 16.9 | 11,521 |
| Bali | 4.8 | 4.1 - 5.5 | 56.4 | 0.9 - 54.6 | 16.4 | 15.4 - 17.5 | 22.4 | 21.0 - 23.9 | 4,341 |
| West Nusa Tenggara | 11.2 | 9.9 - 12.6 | 68.3 | 1.1 - 66.1 | 10.4 | 9.1 - 11.8 | 10.1 | 8.9 - 11.3 | 4,860 |
| East Nusa Tenggara | 14.6 | 13.6 - 15.6 | 66.7 | 0.7 - 65.3 | 9.3 | 8.5 - 10.1 | 9.4 | 8.6 - 10.3 | 4,714 |
| West Kalimantan | 8.1 | 7.1 - 9.3 | 67.7 | 0.8 - 66.1 | 12.0 | 11.0 - 13.0 | 12.2 | 11.2 - 13.2 | 5,262 |
| Central Kalimantan | 7.9 | 6.9 - 9.1 | 62.0 | 1.0 - 60.0 | 14.2 | 12.9 - 15.6 | 15.9 | 14.3 - 17.7 | 2,608 |
| South Kalimantan | 11.6 | 10.7 - 12.7 | 61.5 | 0.8 - 60.0 | 13.2 | 12.2 - 14.3 | 13.6 | 12.6 - 14.7 | 3,887 |
| East Kalimantan | 6.6 | 5.6 - 7.7 | 56.9 | 1.1 - 54.8 | 14.7 | 13.3 - 16.3 | 21.8 | 20.0 - 23.6 | 3,814 |
| North Kalimantan | 5.4 | 4.0 - 7.1 | 57.8 | 1.8 - 54.2 | 19.0 | 16.6 - 21.6 | 17.8 | 15.1 - 20.9 | 713 |
| North Sulawesi | 5.5 | 4.7 - 6.4 | 53.8 | 0.9 - 52.0 | 17.4 | 16.1 - 18.8 | 23.3 | 21.9 - 24.8 | 2,626 |
| Central Sulawesi | 11.3 | 10.0 - 12.8 | 64.0 | 0.9 - 62.2 | 12.2 | 11.2 - 13.4 | 12.4 | 11.3 - 13.6 | 2,869 |
| South Sulawesi | 10.3 | 9.5 - 11.1 | 63.9 | 0.7 - 62.6 | 12.2 | 11.4 - 13.0 | 13.6 | 12.7 - 14.7 | 8,490 |
| Southeast Sulawesi | 7.9 | 6.9 - 8.9 | 65.1 | 0.8 - 63.5 | 13.6 | 12.5 - 14.8 | 13.4 | 12.3 - 14.6 | 2,415 |
| Gorontalo | 7.4 | 6.3 - 8.7 | 60.2 | 1.2 - 57.9 | 13.8 | 12.3 - 15.5 | 18.5 | 16.8 - 20.4 | 1,152 |
| West Sulawesi | 7.9 | 6.5 - 9.6 | 66.6 | 1.2 - 64.1 | 12.9 | 11.4 - 14.7 | 12.6 | 11.1 - 14.3 | 1,291 |
| Maluku | 9.1 | 7.8 - 10.6 | 65.5 | 1.2 - 63.1 | 11.4 | 9.9 - 13.1 | 13.9 | 12.4 - 15.7 | 1,750 |
| North Maluku | 5.5 | 4.4 - 6.8 | 65.1 | 1.2 - 62.7 | 13.7 | 12.3 - 15.3 | 15.7 | 14.1 - 17.4 | 1,233 |
| West Papua | 5.5 | 4.1 - 7.4 | 59.3 | 1.7 - 55.9 | 13.5 | 11.4 - 15.9 | 21.6 | 18.9 - 24.7 | 530 |
| Southwest Papua | 6.3 | 4.7 - 8.5 | 56.9 | 2.0 - 52.9 | 14.9 | 12.5 - 17.7 | 21.9 | 18.9 - 25.2 | 584 |
| Papua | 4.1 | 3.1 - 5.4 | 55.6 | 1.8 - 52.0 | 14.0 | 11.7 - 16.6 | 26.3 | 23.0 - 29.9 | 923 |
| South Papua | 7.2 | 5.2 - 9.9 | 63.9 | 2.2 - 59.4 | 14.5 | 11.1 - 18.7 | 14.4 | 11.7 - 17.7 | 421 |
| Central Papua | 4.1 | 2.8 - 6.0 | 51.2 | 2.5 - 46.3 | 18.8 | 15.8 - 22.2 | 25.8 | 22.0 - 30.1 | 1,311 |
| Highland Papua | 4.7 | 2.9 - 7.5 | 64.9 | 2.2 - 60.4 | 15.3 | 12.6 - 18.6 | 15.0 | 11.7 - 19.1 | 1,575 |
| INDONESIA | 9.2 | 9.0 - 9.4 | 61.6 | 0.2 - 61.3 | 13.6 | 13.3 - 13.8 | 15.7 | 15.4 - 15.9 | 262,172 |

Table 14.131 Proportion of Nutritional Status in Adult Male Population (> 18 Years) Based on BMI Categories by Characteristic, 2023 SKI

| Characteristic | Nutritional Status in Adult Male Based on BMI | | | | | | | | Weighted N |
|--|---|-------------|--------|-------------|------------|-------------|-------|-------------|------------|
| | Wasting | | Normal | | Overweight | | Obese | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Age Range (Year) | | | | | | | | | |
| 19 | 24.0 | 21.8 - 26.4 | 62.9 | 1.2 - 60.4 | 5.9 | 4.9 - 7.2 | 7.2 | 6.0 - 8.6 | 5,142 |
| 20 - 24 | 16.3 | 15.4 - 17.2 | 65.7 | 0.6 - 64.6 | 7.9 | 7.3 - 8.5 | 10.1 | 9.5 - 10.8 | 30,963 |
| 25 - 29 | 10.2 | 9.4 - 10.9 | 63.3 | 0.6 - 62.1 | 12.3 | 11.6 - 13.0 | 14.3 | 13.6 - 15.1 | 31,004 |
| 30 - 34 | 7.1 | 6.5 - 7.7 | 60.1 | 0.5 - 59.0 | 14.8 | 14.1 - 15.5 | 18.1 | 17.3 - 18.9 | 30,477 |
| 35 - 39 | 6.2 | 5.7 - 6.8 | 59.4 | 0.5 - 58.4 | 15.9 | 15.3 - 16.6 | 18.5 | 17.7 - 19.2 | 29,288 |
| 40 - 44 | 5.4 | 5.0 - 5.9 | 59.7 | 0.5 - 58.8 | 15.7 | 15.0 - 16.3 | 19.2 | 18.5 - 19.9 | 27,802 |
| 45 - 49 | 5.2 | 4.7 - 5.7 | 59.2 | 0.5 - 58.2 | 16.4 | 15.7 - 17.1 | 19.3 | 18.5 - 20.0 | 25,971 |
| 50 - 54 | 5.5 | 5.1 - 5.9 | 59.6 | 0.5 - 58.6 | 16.5 | 15.8 - 17.2 | 18.5 | 17.7 - 19.2 | 22,901 |
| 55 - 59 | 6.9 | 6.3 - 7.4 | 61.3 | 0.5 - 60.2 | 15.0 | 14.3 - 15.7 | 16.9 | 16.1 - 17.7 | 19,355 |
| 60 - 64 | 9.6 | 8.9 - 10.3 | 62.9 | 0.6 - 61.8 | 13.8 | 13.0 - 14.6 | 13.7 | 13.0 - 14.6 | 15,347 |
| 65 + | 15.7 | 15.0 - 16.4 | 65.0 | 0.5 - 64.1 | 10.1 | 9.5 - 10.6 | 9.3 | 8.8 - 9.8 | 23,921 |
| Pendidikan | | | | | | | | | |
| Never attended school | 13.6 | 12.5 - 14.7 | 68.0 | 0.7 - 66.6 | 9.6 | 8.8 - 10.5 | 8.8 | 8.0 - 9.8 | 9,370 |
| Some primary school/Islamic primary school | 12.1 | 11.2 - 13.0 | 67.6 | 0.6 - 66.4 | 10.7 | 10.0 - 11.4 | 9.6 | 8.9 - 10.4 | 15,050 |
| Primary school/Islamic primary school graduate | 10.6 | 10.2 - 11.0 | 67.4 | 0.3 - 66.8 | 11.3 | 10.9 - 11.7 | 10.7 | 10.3 - 11.1 | 63,912 |
| Junior secondary school/Islamic junior secondary school graduate | 9.3 | 8.8 - 9.8 | 63.8 | 0.4 - 63.0 | 13.2 | 12.7 - 13.8 | 13.8 | 13.2 - 14.3 | 46,673 |
| Senior secondary school/Islamic senior secondary school graduate | 8.7 | 8.4 - 9.1 | 58.5 | 0.3 - 58.0 | 14.7 | 14.3 - 15.1 | 18.1 | 17.6 - 18.5 | 100,051 |
| D1/D2/D3/University graduate | 4.3 | 3.9 - 4.7 | 50.1 | 0.5 - 49.1 | 18.2 | 17.5 - 18.9 | 27.4 | 26.5 - 28.3 | 27,117 |
| Occupation | | | | | | | | | |
| Unemployed | 17.8 | 16.8 - 18.7 | 61.6 | 0.6 - 60.4 | 9.5 | 8.8 - 10.2 | 11.2 | 10.4 - 11.9 | 21,364 |
| Student | 15.9 | 14.6 - 17.4 | 62.5 | 1.0 - 60.6 | 9.5 | 8.4 - 10.7 | 12.1 | 10.8 - 13.5 | 9,285 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 2.9 | 2.5 - 3.5 | 48.3 | 0.7 - 46.9 | 19.4 | 18.4 - 20.5 | 29.3 | 28.0 - 30.6 | 10,719 |
| Private employee | 6.4 | 5.9 - 6.9 | 55.5 | 0.5 - 54.5 | 16.4 | 15.8 - 17.1 | 21.7 | 21.0 - 22.5 | 44,251 |
| Self-employed | 6.9 | 6.5 - 7.3 | 58.1 | 0.4 - 57.4 | 15.8 | 15.3 - 16.3 | 19.2 | 18.6 - 19.7 | 61,018 |
| Farmer/farm worker | 9.8 | 9.4 - 10.1 | 70.2 | 0.3 - 69.7 | 11.0 | 10.7 - 11.4 | 9.0 | 8.7 - 9.3 | 61,830 |
| Fisher | 7.6 | 6.1 - 9.5 | 65.3 | 1.0 - 63.2 | 12.5 | 11.2 - 13.9 | 14.5 | 13.1 - 16.1 | 4,300 |
| Labor/driver/domestic help | 10.7 | 10.0 - 11.3 | 64.4 | 0.5 - 63.4 | 12.3 | 11.7 - 13.0 | 12.6 | 12.0 - 13.3 | 36,916 |
| Others | 8.9 | 8.0 - 9.8 | 59.4 | 0.7 - 58.1 | 14.0 | 13.1 - 14.9 | 17.7 | 16.7 - 18.8 | 12,489 |
| Residence | | | | | | | | | |
| Urban | 8.9 | 8.6 - 9.1 | 57.8 | 0.2 - 57.3 | 14.7 | 14.4 - 15.0 | 18.7 | 18.3 - 19.1 | 153,746 |
| Rural | 9.6 | 9.3 - 10.0 | 67.1 | 0.3 - 66.6 | 12.0 | 11.6 - 12.3 | 11.3 | 11.0 - 11.7 | 108,426 |
| Economic Status | | | | | | | | | |
| Lowest | 13.1 | 12.5 - 13.7 | 70.0 | 69.3 - 70.8 | 9.3 | 8.8 - 9.7 | 7.6 | 7.2 - 8.0 | 37,952 |
| Lower middle | 11.7 | 11.1 - 12.3 | 66.7 | 66.0 - 67.4 | 11.1 | 10.7 - 11.6 | 10.5 | 10.1 - 10.9 | 47,881 |
| Middle | 9.6 | 9.2 - 10.1 | 64.4 | 63.7 - 65.1 | 12.7 | 12.3 - 13.2 | 13.2 | 12.8 - 13.7 | 55,491 |
| Upper middle | 8.1 | 7.6 - 8.5 | 60.2 | 59.5 - 60.9 | 14.6 | 14.1 - 15.1 | 17.1 | 16.6 - 17.7 | 60,653 |
| Highest | 5.4 | 5.1 - 5.8 | 51.2 | 50.4 - 51.9 | 17.8 | 17.3 - 18.4 | 25.6 | 24.9 - 26.2 | 60,174 |

**Table 14.132 Prevalence of Nutritional Status in Adult Female Population (> 18 Years)
Based on BMI Categories by Province, 2023 SKI**

| Province | Nutritional Status in Adult Female Based on BMI | | | | | | | | N Weighted N |
|--------------------|---|------------------|-------------|--------------------|-------------|--------------------|-------------|--------------------|-----------------|
| | Wasting | | Normal | | Overweight | | Obese | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Aceh | 5.3 | 4.8 - 5.9 | 46.2 | 45.1 - 47.4 | 16.4 | 15.6 - 17.3 | 32.1 | 31.0 - 33.1 | 6,014 |
| North Sumatera | 3.4 | 3.0 - 3.9 | 49.2 | 47.8 - 50.6 | 16.4 | 15.6 - 17.3 | 31.0 | 29.7 - 32.2 | 16,983 |
| West Sumatera | 7.6 | 6.9 - 8.3 | 48.0 | 46.7 - 49.3 | 14.4 | 13.6 - 15.2 | 30.0 | 28.8 - 31.2 | 6,485 |
| Riau | 5.2 | 4.5 - 5.9 | 46.0 | 44.4 - 47.5 | 16.2 | 15.3 - 17.2 | 32.6 | 31.2 - 34.0 | 7,127 |
| Jambi | 4.2 | 3.6 - 4.9 | 61.1 | 59.5 - 62.7 | 15.4 | 14.3 - 16.5 | 19.3 | 18.1 - 20.5 | 4,043 |
| South Sumatera | 6.8 | 6.1 - 7.5 | 52.9 | 51.5 - 54.3 | 15.4 | 14.5 - 16.3 | 24.9 | 23.8 - 26.1 | 9,649 |
| Bengkulu | 4.9 | 4.2 - 5.7 | 50.9 | 48.9 - 52.8 | 16.6 | 14.6 - 18.7 | 27.7 | 26.1 - 29.4 | 2,310 |
| Lampung | 6.0 | 5.3 - 6.8 | 50.0 | 48.6 - 51.5 | 16.6 | 15.6 - 17.7 | 27.4 | 26.2 - 28.6 | 10,334 |
| Bangka Belitung | 4.4 | 3.7 - 5.3 | 45.8 | 43.9 - 47.6 | 16.0 | 14.8 - 17.3 | 33.8 | 32.1 - 35.5 | 1,684 |
| Riau Islands | 4.6 | 3.7 - 5.8 | 44.5 | 41.7 - 47.4 | 16.8 | 15.1 - 18.6 | 34.0 | 31.7 - 36.4 | 2,386 |
| DKI Jakarta | 5.2 | 4.4 - 6.1 | 40.3 | 38.2 - 42.5 | 15.7 | 14.3 - 17.1 | 38.8 | 36.8 - 40.9 | 12,771 |
| West Java | 5.7 | 5.2 - 6.1 | 43.4 | 42.5 - 44.4 | 15.2 | 14.6 - 15.9 | 35.7 | 34.8 - 36.6 | 56,925 |
| Central Java | 7.7 | 7.3 - 8.2 | 47.3 | 46.5 - 48.2 | 14.7 | 14.2 - 15.3 | 30.2 | 29.5 - 31.0 | 44,163 |
| DI Yogyakarta | 8.7 | 7.7 - 9.9 | 45.1 | 43.0 - 47.2 | 15.5 | 14.2 - 16.8 | 30.8 | 29.0 - 32.6 | 4,551 |
| East Java | 6.7 | 6.4 - 7.2 | 45.3 | 44.5 - 46.1 | 15.6 | 15.1 - 16.2 | 32.4 | 31.6 - 33.1 | 50,726 |
| Banten | 6.3 | 5.5 - 7.1 | 47.6 | 45.9 - 49.4 | 14.2 | 13.0 - 15.4 | 31.9 | 30.3 - 33.6 | 13,857 |
| Bali | 4.8 | 4.1 - 5.6 | 54.3 | 52.4 - 56.1 | 15.5 | 14.4 - 16.6 | 25.4 | 24.0 - 26.9 | 5,345 |
| West Nusa Tenggara | 7.3 | 6.5 - 8.3 | 49.6 | 48.0 - 51.3 | 13.9 | 12.8 - 15.0 | 29.1 | 27.7 - 30.6 | 6,101 |
| East Nusa Tenggara | 14.5 | 13.7 - 15.4 | 56.3 | 55.1 - 57.4 | 12.1 | 11.4 - 12.8 | 17.1 | 16.3 - 18.0 | 5,946 |
| West Kalimantan | 5.8 | 5.2 - 6.6 | 56.4 | 54.8 - 58.0 | 15.4 | 14.4 - 16.4 | 22.4 | 21.2 - 23.6 | 6,132 |
| Central Kalimantan | 5.8 | 4.9 - 6.8 | 50.9 | 49.1 - 52.7 | 16.0 | 14.9 - 17.3 | 27.2 | 25.7 - 28.8 | 2,986 |
| South Kalimantan | 8.5 | 7.7 - 9.3 | 51.4 | 50.1 - 52.7 | 14.9 | 14.0 - 15.8 | 25.3 | 24.1 - 26.5 | 4,678 |
| East Kalimantan | 5.6 | 4.7 - 6.6 | 44.0 | 41.9 - 46.2 | 15.6 | 14.5 - 16.9 | 34.7 | 32.9 - 36.7 | 4,281 |
| North Kalimantan | 4.4 | 3.4 - 5.6 | 51.5 | 48.8 - 54.2 | 15.5 | 13.9 - 17.4 | 28.6 | 26.5 - 30.9 | 784 |
| North Sulawesi | 4.2 | 3.6 - 5.0 | 41.2 | 39.7 - 42.7 | 16.4 | 15.3 - 17.5 | 38.2 | 36.7 - 39.7 | 3,100 |
| Central Sulawesi | 7.2 | 6.4 - 8.1 | 45.8 | 44.3 - 47.3 | 15.0 | 14.0 - 15.9 | 32.0 | 30.7 - 33.3 | 3,337 |
| South Sulawesi | 8.4 | 7.8 - 9.1 | 48.6 | 47.6 - 49.7 | 14.8 | 14.1 - 15.5 | 28.2 | 27.1 - 29.3 | 10,825 |
| Southeast Sulawesi | 6.5 | 5.8 - 7.3 | 49.0 | 47.5 - 50.4 | 16.8 | 15.8 - 17.8 | 27.8 | 26.5 - 29.1 | 2,915 |
| Gorontalo | 5.9 | 4.9 - 7.0 | 41.4 | 39.3 - 43.6 | 16.1 | 14.7 - 17.6 | 36.6 | 34.7 - 38.6 | 1,386 |
| West Sulawesi | 8.4 | 7.2 - 9.8 | 49.8 | 47.6 - 52.1 | 15.3 | 13.8 - 16.8 | 26.5 | 24.6 - 28.4 | 1,568 |
| Maluku | 8.8 | 7.8 - 9.9 | 49.2 | 47.3 - 51.1 | 14.6 | 13.5 - 15.7 | 27.4 | 25.8 - 29.0 | 2,123 |
| North Maluku | 6.3 | 5.4 - 7.4 | 47.3 | 45.5 - 49.2 | 15.5 | 14.3 - 16.9 | 30.8 | 29.0 - 32.7 | 1,407 |
| West Papua | 5.3 | 4.0 - 6.9 | 42.3 | 38.6 - 46.0 | 14.8 | 12.9 - 17.0 | 37.6 | 34.1 - 41.3 | 586 |
| Southwest Papua | 6.0 | 4.9 - 7.4 | 43.4 | 40.6 - 46.2 | 13.1 | 11.1 - 15.5 | 37.5 | 34.6 - 40.4 | 648 |
| Papua | 6.0 | 4.9 - 7.3 | 42.5 | 40.0 - 45.1 | 14.5 | 12.8 - 16.4 | 37.0 | 34.4 - 39.7 | 986 |
| South Papua | 9.9 | 7.9 - 12.3 | 48.8 | 44.3 - 53.3 | 14.8 | 10.2 - 21.0 | 26.5 | 23.1 - 30.2 | 452 |
| Central Papua | 3.9 | 2.8 - 5.3 | 51.7 | 46.2 - 57.1 | 16.3 | 13.8 - 19.1 | 28.1 | 24.1 - 32.6 | 1,435 |
| Highland Papua | 3.2 | 1.8 - 5.7 | 62.5 | 57.3 - 67.4 | 16.2 | 13.1 - 19.7 | 18.1 | 14.9 - 21.9 | 1,633 |
| INDONESIA | 6.4 | 6.3 - 6.6 | 47.1 | 46.8 - 47.4 | 15.3 | 15.1 - 15.5 | 31.2 | 30.9 - 31.4 | 318,662 |

Table 14.133 Proportion of Nutritional Status in Adult Female Population (> 18 Years) Based on BMI Categories by Characteristic, 2023 SKI

| Characteristic | Nutritional Status in Adult Female Based on BMI | | | | | | | | Weighted N |
|--|---|-------------|--------|-------------|------------|-------------|--------|-------------|------------|
| | Wasting | | Normal | | Overweight | | Obese | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Age Range (years) | | | | | | | | | |
| 19 | 19.3 | 17.4 - 21.2 | 64.4 | 62.0 - 66.8 | 6.5 | 5.3 - 8.0 | 9.8 | 8.5 - 11.2 | 6,292 |
| 20 - 24 | 14.2 | 13.5 - 14.9 | 59.6 | 58.6 - 60.6 | 9.4 | 8.8 - 10.0 | 16.8 | 16.1 - 17.6 | 35,967 |
| 25 - 29 | 6.1 | 5.7 - 6.6 | 51.9 | 51.0 - 52.8 | 14.4 | 13.8 - 15.1 | 27.5 | 26.7 - 28.3 | 36,607 |
| 30 - 34 | 3.8 | 3.5 - 4.2 | 45.3 | 44.5 - 46.1 | 15.9 | 15.3 - 16.5 | 35.0 | 34.2 - 35.8 | 36,210 |
| 35 - 39 | 2.7 | 2.4 - 2.9 | 41.9 | 41.2 - 42.7 | 17.9 | 17.3 - 18.5 | 37.5 | 36.7 - 38.3 | 35,326 |
| 40 - 44 | 2.3 | 2.1 - 2.6 | 38.5 | 37.7 - 39.3 | 17.5 | 16.8 - 18.1 | 41.7 | 40.9 - 42.5 | 33,830 |
| 45 - 49 | 2.5 | 2.3 - 2.8 | 38.3 | 37.5 - 39.1 | 18.1 | 17.5 - 18.7 | 41.1 | 40.2 - 41.9 | 31,808 |
| 50 - 54 | 3.3 | 3.1 - 3.6 | 41.7 | 40.9 - 42.6 | 17.6 | 17.0 - 18.3 | 37.3 | 36.4 - 38.2 | 28,211 |
| 55 - 59 | 5.0 | 4.6 - 5.4 | 45.6 | 44.6 - 46.5 | 16.7 | 16.0 - 17.4 | 32.8 | 31.9 - 33.7 | 23,919 |
| 60 - 64 | 7.6 | 7.1 - 8.2 | 49.3 | 48.2 - 50.4 | 15.5 | 14.7 - 16.3 | 27.5 | 26.5 - 28.5 | 19,167 |
| 65 + | 14.1 | 13.5 - 14.8 | 54.4 | 53.5 - 55.4 | 12.8 | 12.2 - 13.4 | 18.7 | 17.9 - 19.4 | 31,327 |
| Education | | | | | | | | | |
| Never attended school | 11.7 | 10.9 - 12.6 | 55.0 | 53.7 - 56.2 | 12.7 | 11.9 - 13.5 | 20.6 | 19.6 - 21.7 | 15,950 |
| Some primary school/Islamic primary school | 8.7 | 8.1 - 9.3 | 48.8 | 47.7 - 49.9 | 14.9 | 14.2 - 15.7 | 27.6 | 26.6 - 28.6 | 23,140 |
| Primary school/Islamic primary school graduate | 6.0 | 5.8 - 6.3 | 46.4 | 45.8 - 47.0 | 15.6 | 15.2 - 16.0 | 31.9 | 31.4 - 32.4 | 88,421 |
| Junior secondary school/Islamic junior secondary school graduate | 4.7 | 4.4 - 5.0 | 43.9 | 43.3 - 44.6 | 15.9 | 15.4 - 16.4 | 35.5 | 34.8 - 36.1 | 57,263 |
| Senior secondary school/Islamic senior secondary school graduate | 7.0 | 6.7 - 7.3 | 47.7 | 47.2 - 48.3 | 14.9 | 14.6 - 15.3 | 30.3 | 29.8 - 30.8 | 99,541 |
| D1/D2/D3/University graduate | 4.7 | 4.4 - 5.1 | 47.7 | 46.9 - 48.5 | 15.9 | 15.3 - 16.5 | 31.7 | 31.0 - 32.5 | 34,347 |
| Occupation | | | | | | | | | |
| Unemployed | 6.1 | 5.9 - 6.3 | 45.4 | 45.0 - 45.8 | 15.6 | 15.3 - 15.9 | 32.9 | 32.5 - 33.3 | 167,313 |
| Student | 17.0 | 15.7 - 18.4 | 60.9 | 59.1 - 62.5 | 8.5 | 7.5 - 9.5 | 13.7 | 12.5 - 14.9 | 10,976 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 2.6 | 2.2 - 3.2 | 41.8 | 40.4 - 43.2 | 19.4 | 18.4 - 20.6 | 36.1 | 34.8 - 37.5 | 8,740 |
| Private employee | 6.7 | 6.1 - 7.3 | 51.4 | 50.3 - 52.6 | 14.4 | 13.7 - 15.2 | 27.5 | 26.5 - 28.5 | 25,197 |
| Self-employed | 3.9 | 3.6 - 4.3 | 42.0 | 41.1 - 42.9 | 16.1 | 15.5 - 16.7 | 38.0 | 37.1 - 38.9 | 32,315 |
| Farmer/farm worker | 8.2 | 7.8 - 8.6 | 53.4 | 52.6 - 54.2 | 14.9 | 14.4 - 15.5 | 23.5 | 22.8 - 24.1 | 36,748 |
| Fisher | 7.1 | 4.3 - 11.4 | 49.3 | 41.3 - 57.3 | 12.5 | 7.6 - 20.0 | 31.1 | 23.7 - 39.6 | 294 |
| Labor/driver/domestic help | 6.7 | 5.9 - 7.6 | 48.0 | 46.3 - 49.6 | 15.0 | 13.8 - 16.2 | 30.4 | 28.9 - 31.9 | 10,890 |
| Others | 5.5 | 5.1 - 5.8 | 46.8 | 46.0 - 47.7 | 15.5 | 14.9 - 16.1 | 32.2 | 31.4 - 33.1 | 26,190 |
| Residence | | | | | | | | | |
| Urban | 5.9 | 5.8 - 6.1 | 44.7 | 44.3 - 45.1 | 15.5 | 15.2 - 15.7 | 33.9 | 33.5 - 34.2 | 187,642 |
| Rural | 7.2 | 6.9 - 7.4 | 50.5 | 50.0 - 51.0 | 15.0 | 14.7 - 15.4 | 27.3 | 26.9 - 27.7 | 131,020 |
| Economic Status | | | | | | | | | |
| Lowest | 10.6 | 10.2 - 11.0 | 55.5 | 54.8 - 56.2 | 12.9 | 12.5 - 13.4 | 20.9 | 20.4 - 21.5 | 46,343 |
| Lower middle | 8.0 | 7.6 - 8.4 | 49.1 | 48.5 - 49.8 | 14.7 | 14.3 - 15.2 | 28.2 | 27.6 - 28.7 | 57,694 |
| Middle | 5.9 | 5.6 - 6.2 | 46.7 | 46.0 - 47.3 | 15.6 | 15.1 - 16.0 | 31.9 | 31.3 - 32.5 | 66,661 |
| Upper middle | 5.1 | 4.8 - 5.4 | 44.2 | 43.6 - 44.9 | 15.7 | 15.2 - 16.1 | 35.0 | 34.4 - 35.6 | 73,842 |
| Highest | 4.5 | 4.2 - 4.8 | 43.5 | 42.9 - 44.2 | 16.6 | 16.1 - 17.1 | 35.4 | 34.8 - 36.0 | 74,099 |

Table 14.134 Prevalence of Central Obesity in Population Aged ≥ 15 Years by Province, 2023 SKI

| Province | Central Obesity | | Weighted N |
|--------------------|-----------------|--------------------|----------------|
| | % | 95% CI | |
| Aceh | 34.3 | 33.0 - 35.6 | 10,663 |
| North Sumatera | 41.8 | 40.5 - 43.1 | 30,288 |
| West Sumatera | 34.6 | 33.6 - 35.7 | 12,509 |
| Riau | 38.4 | 37.2 - 39.8 | 13,569 |
| Jambi | 32.9 | 31.4 - 34.5 | 7,599 |
| South Sumatera | 31.1 | 30.0 - 32.1 | 18,881 |
| Bengkulu | 33.8 | 32.4 - 35.3 | 4,404 |
| Lampung | 30.2 | 29.2 - 31.3 | 19,349 |
| Bangka Belitung | 37.0 | 35.5 - 38.4 | 3,359 |
| Riau Islands | 42.5 | 39.7 - 45.4 | 4,587 |
| DKI Jakarta | 45.7 | 44.0 - 47.4 | 23,997 |
| West Java | 38.0 | 37.2 - 38.7 | 109,353 |
| Central Java | 35.1 | 34.4 - 35.7 | 82,694 |
| DI Yogyakarta | 38.9 | 37.5 - 40.4 | 8,537 |
| East Java | 38.2 | 37.5 - 39.0 | 94,457 |
| Banten | 36.4 | 34.9 - 38.0 | 25,852 |
| Bali | 36.2 | 34.6 - 37.9 | 10,244 |
| West Nusa Tenggara | 32.4 | 31.0 - 33.9 | 11,397 |
| East Nusa Tenggara | 26.7 | 25.8 - 27.6 | 11,053 |
| West Kalimantan | 29.5 | 28.2 - 30.9 | 11,369 |
| Central Kalimantan | 34.0 | 32.5 - 35.4 | 5,773 |
| South Kalimantan | 32.9 | 31.8 - 34.0 | 8,903 |
| East Kalimantan | 43.6 | 42.1 - 45.1 | 8,557 |
| North Kalimantan | 38.1 | 35.3 - 41.1 | 1,561 |
| North Sulawesi | 45.7 | 44.4 - 47.0 | 5,652 |
| Central Sulawesi | 33.6 | 32.4 - 34.8 | 6,544 |
| South Sulawesi | 36.6 | 35.6 - 37.6 | 20,496 |
| Southeast Sulawesi | 37.1 | 35.9 - 38.4 | 5,573 |
| Gorontalo | 39.7 | 38.0 - 41.4 | 2,664 |
| West Sulawesi | 34.2 | 32.5 - 36.1 | 3,022 |
| Maluku | 35.1 | 33.4 - 36.8 | 3,957 |
| North Maluku | 36.0 | 34.3 - 37.7 | 2,750 |
| West Papua | 43.2 | 40.7 - 45.9 | 1,133 |
| Southwest Papua | 39.9 | 37.4 - 42.5 | 1,247 |
| Papua | 42.8 | 40.5 - 45.2 | 1,953 |
| South Papua | 36.9 | 33.8 - 40.1 | 947 |
| Central Papua | 44.3 | 40.0 - 48.7 | 1,870 |
| Highland Papua | 36.0 | 31.8 - 40.5 | 2,768 |
| INDONESIA | 36.8 | 36.6 - 37.1 | 599,528 |

Note: *Male abdominal circumference (> 90cm), Female abdominal circumference (> 80 cm)

Table 14.135 Proportion of Central Obesity in Population Aged ≥ 15 Years by Characteristic, 2023 SKI

| Province | Central Obesity | | Weighted N |
|--|-----------------|-------------|------------|
| | % | 95% CI | |
| Age Range (years) | | | |
| 15 - 24 | 16,2 | 15,8 - 16,6 | 124.718 |
| 25 - 34 | 36,2 | 35,8 - 36,7 | 125.342 |
| 35 - 44 | 44,7 | 44,2 - 45,1 | 119.460 |
| 45 - 54 | 48,0 | 47,6 - 48,5 | 103.893 |
| 55 - 64 | 44,9 | 44,3 - 45,4 | 73.728 |
| 65 - 74 | 38,7 | 37,9 - 39,5 | 39.237 |
| 75 + | 28,3 | 27,0 - 29,6 | 13.149 |
| Sex | | | |
| Male | 19,7 | 19,4 - 20,0 | 300.301 |
| Female | 54,1 | 53,7 - 54,4 | 299.227 |
| Pendidikan | | | |
| Never attended school | 33,7 | 32,8 - 34,7 | 25.085 |
| Some primary school/Islamic primary school | 36,6 | 35,8 - 37,4 | 37.794 |
| Primary school/Islamic primary school graduate | 37,1 | 36,7 - 37,6 | 155.001 |
| Junior secondary school/Islamic junior secondary school graduate | 32,4 | 31,9 - 32,8 | 128.440 |
| Senior secondary school/Islamic senior secondary school graduate | 36,9 | 36,5 - 37,3 | 195.377 |
| D1/D2/D3/University graduate | 47,4 | 46,7 - 48,1 | 57.832 |
| Occupation | | | |
| Unemployed | 51,0 | 50,6 - 51,5 | 176.364 |
| Student | 13,8 | 13,3 - 14,4 | 56.215 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 49,5 | 48,5 - 50,6 | 18.715 |
| Private employee | 35,8 | 35,0 - 36,5 | 69.295 |
| Self-employed | 36,9 | 36,3 - 37,5 | 92.246 |
| Farmer/farm worker | 25,9 | 25,5 - 26,4 | 96.898 |
| Fisher | 19,6 | 18,0 - 21,4 | 4.814 |
| Labor/driver/domestic help | 24,7 | 23,9 - 25,5 | 48.939 |
| Others | 46,7 | 45,8 - 47,5 | 36.043 |
| Residence | | | |
| Urban | 40,5 | 40,1 - 40,8 | 352.664 |
| Rural | 31,6 | 31,3 - 32,0 | 246.864 |
| Economic Status | | | |
| Lowest | 27,3 | 26,8 - 27,8 | 85.911 |
| Lower middle | 31,8 | 31,4 - 32,3 | 109.394 |
| Middle | 35,4 | 34,9 - 35,9 | 127.124 |
| Upper middle | 39,3 | 38,8 - 39,8 | 139.152 |
| Highest | 45,6 | 45,1 - 46,1 | 137.923 |

* Central Obesity: Male abdominal circumference (> 90cm), Female abdominal circumference (> 80 cm)

Table 14.136 Prevalence of Central Obesity in Male and Female Population Aged ≥ 15 Years by Province, 2023 SKI

| Province | Central Obesity In Male | | | Central Obesity In Female | | | N Weighted N |
|--------------------|-------------------------|--------------------|----------------|---------------------------|--------------------|--|-----------------|
| | % | 95 % CI | Weighted N | % | 95 % CI | | |
| Aceh | 18.0 | 16.7 - 19.4 | 4,726 | 49.9 | 48.3 - 51.4 | | 5,962 |
| North Sumatera | 26.4 | 24.9 - 28.0 | 13,021 | 55.6 | 54.1 - 57.1 | | 17,420 |
| West Sumatera | 17.0 | 15.9 - 18.2 | 5,737 | 52.7 | 51.2 - 54.1 | | 6,762 |
| Riau | 21.0 | 19.4 - 22.6 | 6,217 | 56.3 | 54.5 - 58 | | 7,342 |
| Jambi | 18.4 | 16.7 - 20.2 | 3,438 | 47.3 | 45.3 - 49.3 | | 4,164 |
| South Sumatera | 14.4 | 13.4 - 15.5 | 8,738 | 48.4 | 46.9 - 49.9 | | 10,111 |
| Bengkulu | 13.8 | 12.4 - 15.2 | 2,059 | 55.1 | 53 - 57.2 | | 2,332 |
| Lampung | 12.7 | 11.7 - 13.9 | 8,889 | 48.2 | 46.7 - 49.7 | | 10,441 |
| Bangka Belitung | 19.0 | 17.5 - 20.6 | 1,583 | 56.4 | 54.5 - 58.3 | | 1,764 |
| Riau Islands | 27.3 | 24.1 - 30.8 | 2,128 | 58.5 | 54.9 - 61.9 | | 2,450 |
| DKI Jakarta | 32.3 | 30.1 - 34.5 | 10,880 | 59.1 | 56.9 - 61.2 | | 13,124 |
| West Java | 20.2 | 19.2 - 21.2 | 50,377 | 56.3 | 55.3 - 57.3 | | 58,842 |
| Central Java | 17.8 | 17.1 - 18.5 | 37,555 | 52.4 | 51.5 - 53.3 | | 45,148 |
| DI Yogyakarta | 22.0 | 20.3 - 23.8 | 3,827 | 55.4 | 53.4 - 57.4 | | 4,722 |
| East Java | 20.1 | 19.4 - 20.9 | 42,452 | 56.0 | 55.1 - 56.9 | | 52,106 |
| Banten | 19.0 | 17.4 - 20.8 | 11,691 | 53.7 | 51.7 - 55.6 | | 14,174 |
| Bali | 24.4 | 22.7 - 26.1 | 4,673 | 48.2 | 46.2 - 50.3 | | 5,567 |
| West Nusa Tenggara | 12.1 | 10.8 - 13.5 | 5,140 | 52.5 | 50.3 - 54.7 | | 6,266 |
| East Nusa Tenggara | 12.7 | 11.7 - 13.7 | 4,979 | 40.5 | 39.3 - 41.7 | | 6,084 |
| West Kalimantan | 14.7 | 13.4 - 16.1 | 5,258 | 44.9 | 43.1 - 46.8 | | 6,092 |
| Central Kalimantan | 18.1 | 16.5 - 19.8 | 2,714 | 51.0 | 49.1 - 53 | | 3,041 |
| South Kalimantan | 15.4 | 14.3 - 16.6 | 4,077 | 50.6 | 49.1 - 52.2 | | 4,819 |
| East Kalimantan | 28.3 | 26.5 - 30.3 | 4,061 | 60.3 | 58.5 - 62.1 | | 4,462 |
| North Kalimantan | 23.0 | 19.7 - 26.6 | 750 | 55.2 | 51.8 - 58.6 | | 802 |
| North Sulawesi | 26.9 | 25.2 - 28.6 | 2,567 | 64.5 | 62.9 - 66.2 | | 3,085 |
| Central Sulawesi | 15.9 | 14.6 - 17.3 | 3,064 | 52.5 | 50.9 - 54.1 | | 3,461 |
| South Sulawesi | 17.2 | 16.1 - 18.3 | 9,204 | 55.6 | 54.3 - 56.8 | | 11,315 |
| Southeast Sulawesi | 18.6 | 17.1 - 20.3 | 2,540 | 55.8 | 54.2 - 57.4 | | 3,033 |
| Gorontalo | 18.8 | 17.0 - 20.9 | 1,218 | 60.8 | 58.4 - 63.1 | | 1,444 |
| West Sulawesi | 15.9 | 13.9 - 18.1 | 1,392 | 53.2 | 50.9 - 55.5 | | 1,627 |
| Maluku | 18.5 | 16.6 - 20.5 | 1,795 | 51.7 | 49.6 - 53.7 | | 2,163 |
| North Maluku | 18.2 | 16.3 - 20.3 | 1,281 | 54.8 | 52.6 - 56.9 | | 1,463 |
| West Papua | 26.3 | 23.2 - 29.7 | 541 | 62.0 | 58.4 - 65.5 | | 586 |
| Southwest Papua | 23.2 | 20.2 - 26.6 | 591 | 58.2 | 55.2 - 61.1 | | 651 |
| Papua | 28.5 | 25.1 - 32.2 | 935 | 58.8 | 56.1 - 61.6 | | 1,008 |
| South Papua | 23.1 | 19.1 - 27.7 | 459 | 52.6 | 48.5 - 56.8 | | 483 |
| Central Papua | 24.7 | 19.5 - 30.8 | 744 | 59.6 | 54.3 - 64.7 | | 1,148 |
| Highland Papua | 18.5 | 14.6 - 23.2 | 1,286 | 54.4 | 48.4 - 60.2 | | 1,477 |
| INDONESIA | 19.7 | 19.4 - 20.0 | 272,589 | 54.1 | 53.7 - 54.4 | | 326,939 |

* Central Obesity: Male abdominal circumference (> 90cm), Female abdominal circumference (> 80 cm)

Table 14.137 Proportion of Central Obesity in Male and Female Population Aged ≥ 15 Years by Characteristic, 2023 SKI

| Characteristic | Central Obesity In Male | | | Central Obesity In Female | | |
|--|-------------------------|-------------|------------|---------------------------|-------------|------------|
| | % | 95% CI | Weighted N | % | 95% CI | Weighted N |
| Age Range (years) | | | | | | |
| 15 - 24 | 8.7 | 8.3 - 9.2 | 57,920 | 24.0 | 23.4 - 24.7 | 66,550 |
| 25 - 34 | 19.2 | 18.6 - 19.9 | 58,320 | 54.2 | 53.5 - 54.8 | 66,752 |
| 35 - 44 | 23.6 | 23.1 - 24.3 | 54,104 | 65.6 | 65.0 - 66.2 | 65,399 |
| 45 - 54 | 26.2 | 25.6 - 26.8 | 46,457 | 69.2 | 68.7 - 69.8 | 57,595 |
| 55 - 64 | 25.2 | 24.4 - 25.9 | 32,991 | 64.0 | 63.2 - 64.7 | 40,845 |
| 65 - 74 | 19.9 | 19.0 - 20.8 | 17,371 | 56.6 | 55.5 - 57.7 | 21,962 |
| 75 + | 12.5 | 11.2 - 13.8 | 5,426 | 41.4 | 39.5 - 43.4 | 7,836 |
| Education | | | | | | |
| Never attended school | 12.5 | 11.5 - 13.6 | 9,537 | 49.1 | 47.8 - 50.3 | 15,929 |
| Some primary school/Islamic primary school | 13.8 | 13.0 - 14.7 | 15,287 | 54.8 | 53.7 - 55.9 | 22,893 |
| Primary school/Islamic primary school graduate | 14.3 | 13.9 - 14.8 | 66,246 | 57.4 | 56.8 - 58.0 | 89,616 |
| Junior secondary school/Islamic junior secondary school graduate | 15.4 | 14.9 - 15.9 | 58,386 | 49.4 | 48.8 - 50.1 | 70,057 |
| Senior secondary school/Islamic senior secondary school graduate | 23.3 | 22.8 - 23.8 | 97,306 | 53.3 | 52.8 - 53.9 | 96,345 |
| D1/D2/D3/University graduate | 35.6 | 34.6 - 36.5 | 25,828 | 59.0 | 58.1 - 59.8 | 32,099 |
| Occupation | | | | | | |
| Unemployed | 13.8 | 13.1 - 14.6 | 24,923 | 57.9 | 57.4 - 58.3 | 162,698 |
| Student | 8.5 | 7.9 - 9.2 | 25,837 | 19.3 | 18.5 - 20.2 | 30,322 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 37.5 | 36.1 - 38.9 | 10,134 | 67.4 | 66.0 - 68.7 | 8,250 |
| Private employee | 28.4 | 27.6 - 29.3 | 42,760 | 51.3 | 50.1 - 52.5 | 24,243 |
| Self-employed | 25.3 | 24.7 - 26.0 | 58,129 | 63.2 | 62.3 - 64.1 | 30,819 |
| Farmer/farm worker | 12.7 | 12.3 - 13.1 | 58,939 | 52.8 | 52.0 - 53.7 | 34,928 |
| Fisher | 17.4 | 15.8 - 19.2 | 4,139 | 59.0 | 49.5 - 68.0 | 278 |
| Labor/driver/domestic help | 17.2 | 16.4 - 18.0 | 35,616 | 55.4 | 53.7 - 57.2 | 10,601 |
| Others | 25.0 | 23.7 - 26.2 | 12,113 | 59.4 | 58.5 - 60.4 | 24,801 |
| Residence | | | | | | |
| Urban | 24.0 | 23.6 - 24.5 | 160,155 | 57.0 | 56.5 - 57.4 | 192,547 |
| Rural | 13.5 | 13.1 - 13.9 | 112,434 | 49.9 | 49.4 - 50.4 | 134,392 |
| Economic Status | | | | | | |
| Lowest | 9.5 | 9.1 - 10.0 | 38,917 | 45.0 | 44.3 - 45.8 | 47,023 |
| Lower middle | 13.2 | 12.7 - 13.7 | 50,004 | 50.7 | 50.0 - 51.4 | 59,335 |
| Middle | 16.6 | 16.1 - 17.2 | 58,231 | 54.6 | 53.9 - 55.2 | 68,806 |
| Upper middle | 21.7 | 21.1 - 22.4 | 63,043 | 56.8 | 56.1 - 57.5 | 76,155 |
| Highest | 32.0 | 31.3 - 32.8 | 62,383 | 59.1 | 58.4 - 59.7 | 75,607 |

* Central Obesity: Male abdominal circumference (> 90cm), Female abdominal circumference (> 80 cm)

HEMOGLOBIN EXAMINATION RESULTS

Hemoglobin Examination

Proportion of Hemoglobin Examination Results

The value of anemia in the blood refers to the "Guideline on hemoglobin cutoffs to define anemia in individuals and populations" (WHO, 2024) as follows:

- Toddlers 6–23 months old <10,5 g/dl
- Toddlers 24–59 months old <11,0 dl
- Children 5–11 years old <11,5 g/dl
- Female Teenager 12–14 years old not pregnant <12,0 g/dl
- Male Teenager 12–14 years old <12,0 g/dl
- Female adult 15–65 years old <12,0 g/dl
- Male adult 15–65 years old <13,0 g/dl
- Pregnant mother <11 g/dl, regardless of pregnancy age

'Anemia' is the result of a hemoglobin examination showing hemoglobin levels classified as anemia:

$$\text{Proportion of "anemia" examination results} = \frac{\text{Number of biomedical household members with hemoglobin levels indicating anemia}}{\text{Total number of biomedical household members (ART) examined for hemoglobin levels}}$$

**Table 14.138 Proportion of Hemoglobin Examination Results by Characteristics, 2023
SKI**

| Characteristic | Anemia | | Weighted N |
|--|-------------|------------------|---------------|
| | % | 95% CI | |
| Age Range | | | |
| 0-4 | 23.8 | 20.9-27.0 | 2,690 |
| 5-14 | 16.3 | 14.9-17.8 | 5,671 |
| 15-24 | 15.5 | 14.0-17.1 | 5,760 |
| 25-34 | 13.2 | 12.0-14.4 | 5,773 |
| 35-44 | 14.6 | 13.5-15.7 | 5,403 |
| 45-54 | 14.7 | 13.7-15.8 | 4,671 |
| 55-64 | 20.0 | 18.5-21.6 | 3,363 |
| 65-74 | 23.9 | 19.4-29.1 | 276 |
| 75+ | 63.2 | 13.5-95.0 | 3* |
| Sex | | | |
| Male | 14.4 | 13.5-15.4 | 17,071 |
| Female | 18.0 | 17.1-18.8 | 16,539 |
| Education | | | |
| Never attended school | 19.9 | 17.7-22.2 | 2,487 |
| Some primary school/Islamic primary school | 15.6 | 14.1-17.1 | 4,377 |
| Primary school/Islamic primary school graduate | 15.9 | 14.7-17.1 | 7,647 |
| Junior secondary school/Islamic junior secondary school graduate | 15.6 | 14.3-17.0 | 6,034 |
| Senior secondary school/Islamic senior secondary school graduate | 13.8 | 12.8-14.9 | 8,387 |
| D1/D2/D3 graduate | 17.7 | 14.8-21.0 | 806 |
| University graduate | 13.3 | 11.2-15.8 | 1,180 |
| Occupation | | | |
| Unemployed | 16.5 | 15.5-17.7 | 8,320 |
| Student | 15.1 | 13.5-16.8 | 4,507 |
| Civil servant /Indonesian National Armed Forces/Police/SOE/ROE | 14.9 | 12.2-18.0 | 620 |
| Private employee | 13.9 | 11.7-16.5 | 2,455 |
| Self-employed | 12.9 | 11.6-14.2 | 4,123 |
| Farmer/farm worker | 15.8 | 14.4-17.3 | 4,284 |
| Fisher | 16.3 | 11.3-22.9 | 176 |
| Labor/driver/domestic help | 14.2 | 12.2-16.4 | 2,133 |
| Others | 15.0 | 13.1-17.2 | 1,481 |
| Residence | | | |
| Urban | 15.6 | 14.7-16.6 | 19,700 |
| Rural | 16.9 | 15.9-18.0 | 13,910 |
| Economic Status | | | |
| Lowest | 17.9 | 16.4-19.5 | 4,849 |
| Lower middle | 16.6 | 15.3-18.0 | 6,751 |
| Middle | 16.3 | 15.1-17.7 | 7,675 |
| Upper middle | 15.6 | 14.4-16.9 | 8,015 |
| Highest | 14.9 | 13.6-16.3 | 6,319 |
| INDONESIA | 16.2 | 15.5-16.9 | 33,610 |

*Weighted N < 50

CHAPTER 15

NUTRITIONAL STATUS OF CHILDREN UNDER FIVE BY REGENCY/CITY

In this chapter, the prevalence of nutritional status of children under five years old (0–59 months) is presented according to districts/cities in 38 provinces. The nutritional statuses displayed include stunting, wasting, underweight, and overweight. The method for calculating the nutritional status of children under five has been explained in Chapter 14 above. In the 38 tables of prevalence of nutritional status of children under five in this chapter, there are several notes marked with asterisks: (*) N/A because the Response Rate (RR) is less than 70%, either from the census block or from households with children under five that were measured for nutritional status, making it impossible to display the prevalence; (**) Relative Standard Error (RSE) is more than 25%, indicating that statistically, the prevalence estimate is less reliable for depicting the specific nutritional status of children under five in that district/city; (***) if the Weighted N is less than 50.

Table 15.1 Prevalence of Nutritional Status of Children Under Five by City/Regency in Aceh Province, 2023 SKI

| City/Regency | Status Gizi Balita | | | | | | | | Weighted N |
|----------------------|--------------------|--------------------|-------------|--------------------|-------------|--------------------|------------|------------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Simeulue | 30.7 | 26.6 - 35.1 | 17.8 | 13.5 - 23.2 | 28.2 | 22.5 - 34.8 | 1.9** | 0.9 - 3.8 | 125 |
| Aceh Singkil | 34.1 | 28.8 - 39.9 | 11.8 | 8.2 - 16.7 | 16.1 | 12.0 - 21.2 | 8.6 | 6.1 - 12.1 | 196 |
| South Aceh | 40.2 | 35.5 - 45.1 | 13.1 | 9.7 - 17.6 | 20.1 | 15.3 - 26.1 | 6.7 | 4.6 - 9.6 | 277 |
| Southeast Aceh | 32.9 | 27.6 - 38.8 | 12.1 | 9.5 - 15.3 | 24.7 | 19.7 - 30.5 | 2.4** | 1.5 - 3.9 | 300 |
| East Aceh | 29.7 | 25.4 - 34.3 | 14.7 | 11.8 - 18.3 | 28.1 | 24.7 - 31.6 | 3.2** | 1.9 - 5.6 | 569 |
| Central Aceh | 23.6 | 19.9 - 27.7 | 6.1 | 4.3 - 8.6 | 11.4 | 8.6 - 14.9 | 4.0 | 2.6 - 6.1 | 286 |
| West Aceh | 33.4 | 28.3 - 38.9 | 16.9 | 13.7 - 20.7 | 21.8 | 18.4 - 25.5 | 7.4 | 5.4 - 10.1 | 236 |
| Aceh Besar | 30.1 | 25.8 - 34.7 | 20.2 | 16.3 - 24.8 | 26.6 | 22.6 - 31.0 | 3.8 | 2.5 - 5.8 | 503 |
| Pidie | 29.5 | 25.8 - 33.6 | 17.3 | 14.0 - 21.2 | 23.6 | 20.5 - 27.0 | 2.7 | 1.7 - 4.2 | 531 |
| Bireuen | 32.9 | 28.1 - 38.1 | 15.9 | 13.0 - 19.4 | 31.9 | 28.1 - 36.0 | 1.6** | 0.9 - 2.9 | 580 |
| North Aceh | 25.2 | 21.3 - 29.5 | 10.4 | 8.1 - 13.2 | 20.4 | 17.1 - 24.2 | 1.3** | 0.7 - 2.5 | 776 |
| Nowethwest Aceh | 27.9 | 24.1 - 32.1 | 10.4 | 7.8 - 13.8 | 21.5 | 18.2 - 25.3 | 0.9** | 0.4 - 2.1 | 187 |
| Gayo Lues | 15.4 | 11.9 - 19.9 | 5.0** | 3.0 - 8.2 | 5.6 | 3.8 - 8.2 | 8.8** | 5.1 - 14.7 | 145 |
| Aceh Tamiang | 35.9 | 31.0 - 41.2 | 17.0 | 14.1 - 20.4 | 26.8 | 22.9 - 31.1 | 3.7 | 2.5 - 5.5 | 377 |
| Nagan Raya | 31.6 | 27.1 - 36.5 | 17.6 | 14.1 - 21.6 | 25.5 | 21.2 - 30.3 | 5.8 | 4.0 - 8.3 | 204 |
| Aceh Jaya | 34.0 | 29.2 - 39.3 | 13.3 | 10.3 - 16.9 | 21.0 | 17.2 - 25.4 | 3.0** | 1.6 - 5.6 | 134 |
| Bener Meriah | 32.2 | 27.6 - 37.2 | 5.0 | 3.2 - 7.7 | 17.3 | 14.3 - 20.9 | 2.9** | 1.7 - 4.9 | 211 |
| Pidie Jaya | 29.4 | 23.5 - 36.0 | 12.9 | 8.7 - 18.7 | 22.7 | 17.7 - 28.7 | 3.1** | 1.1 - 8.5 | 203 |
| City of Banda Aceh | 21.7 | 18.1 - 25.9 | 12.9 | 10.3 - 16.2 | 18.9 | 14.8 - 23.8 | 3.0 | 1.8 - 4.8 | 320 |
| City of Sabang | 25.6 | 21.0 - 30.9 | 16.9 | 12.9 - 21.7 | 24.4 | 20.3 - 29.1 | 4.0** | 2.2 - 7.1 | 54 |
| City of Langsa | 25.6 | 21.3 - 30.5 | 12.4 | 9.5 - 16.2 | 19.9 | 16.5 - 23.8 | 4.6 | 3.1 - 6.9 | 231 |
| City of Lhokseumawe | 20.7 | 17.2 - 24.8 | 10.1 | 7.6 - 13.4 | 17.4 | 14.3 - 21.1 | 4.0 | 2.6 - 6.3 | 246 |
| City of Subulussalam | 29.6 | 25.0 - 34.6 | 14.8 | 11.5 - 18.9 | 20.0 | 15.8 - 25.0 | 4.4 | 3.1 - 6.4 | 150 |
| ACEH | 29.4 | 28.3 - 30.5 | 13.6 | 12.9 - 14.5 | 22.6 | 21.7 - 23.6 | 3.5 | 3.2 - 3.9 | 6,841 |

**Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies.

Table 15.2 Prevalence of Nutritional Status of Toddlers by City/Regency in North Sumatra Province, 2023 SKI

| City/Regency | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|--------------------------|--------------------------------|--------------------|------------|------------------|-------------|--------------------|------------|------------------|---------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Nias | 20.3 | 16.6 - 24.6 | 7.6 | 5.4 - 10.6 | 12.7 | 10.0 - 16.0 | 3.8** | 2.2 - 6.3 | 211 |
| Mandailing Natal | 20.7 | 16.1 - 26.3 | 7.8 | 5.7 - 10.5 | 15.8 | 11.7 - 21.1 | 2.3** | 1.4 - 3.7 | 716 |
| South Tapanuli | 15.6 | 11.1 - 21.5 | 0.9** | 0.3 - 2.7 | 5.7** | 3.4 - 9.4 | 1.8** | 1.0 - 3.3 | 405 |
| Central Tapanuli | 23.8 | 19.0 - 29.2 | 7.5 | 5.4 - 10.4 | 16.5 | 13.0 - 20.7 | 2.2** | 1.2 - 4.0 | 515 |
| North Tapanuli | 27.4 | 24.4 - 30.7 | 4.0 | 2.7 - 6.0 | 10.2 | 8.1 - 12.8 | 2.9** | 1.7 - 4.7 | 400 |
| Toba | 28.0 | 24.1 - 32.3 | 2.2** | 1.1 - 4.7 | 15.1 | 12.3 - 18.5 | 4.0 | 2.7 - 5.8 | 283 |
| Labuhan Batu | 20.2 | 16.3 - 24.7 | 6.9 | 4.7 - 9.8 | 12.1 | 9.1 - 15.9 | 3.9 | 2.4 - 6.3 | 659 |
| Asahan | 11.0 | 8.2 - 14.7 | 6.7 | 4.9 - 9.0 | 11.1 | 8.6 - 14.1 | 1.8** | 1.0 - 3.3 | 1,050 |
| Simalungun | 17.7 | 13.8 - 22.4 | 7.3 | 5.4 - 9.9 | 12.9 | 10.0 - 16.3 | 1.3** | 0.5 - 3.0 | 1,169 |
| Dairi | 32.6 | 28.9 - 36.4 | 4.0 | 2.8 - 5.9 | 11.5 | 9.4 - 13.9 | 4.3 | 2.9 - 6.4 | 439 |
| Karo | 24.7 | 20.4 - 29.5 | 6.1 | 4.0 - 9.2 | 10.6 | 8.0 - 13.8 | 5.9 | 4.1 - 8.3 | 472 |
| Deli Serdang | 33.8 | 27.7 - 40.5 | 13.9 | 11.3 - 17.0 | 24.3 | 19.8 - 29.4 | 5.3 | 3.6 - 7.6 | 2,401 |
| Langkat | 16.9 | 13.1 - 21.6 | 10.7 | 8.2 - 13.9 | 14.5 | 11.1 - 18.8 | 3.6** | 2.1 - 6.2 | 1,379 |
| South Nias | 31.8 | 27.6 - 36.4 | 8.1 | 5.8 - 11.3 | 13.0 | 10.2 - 16.4 | 7.5 | 4.9 - 11.3 | 569 |
| Humbang Hasundutan | 18.4 | 14.6 - 22.9 | 3.1 | 2.1 - 4.7 | 8.7 | 6.4 - 11.6 | 2.6** | 1.5 - 4.2 | 269 |
| Pakpak Bharat | 28.9 | 23.9 - 34.5 | 3.0 | 1.9 - 4.7 | 13.2 | 10.1 - 17.0 | 2.5** | 1.5 - 4.0 | 97 |
| Samosir | 22.4 | 17.8 - 27.8 | 1.9** | 1.1 - 3.3 | 8.2 | 6.2 - 10.9 | 4.0 | 2.8 - 5.7 | 182 |
| Serdang Bedagai | 14.4 | 11.3 - 18.2 | 5.1 | 3.5 - 7.3 | 12.1 | 9.0 - 16.1 | 0.9** | 0.4 - 1.9 | 842 |
| Batu Bara | 17.7 | 14.3 - 21.7 | 17.6 | 14.2 - 21.5 | 22.4 | 18.8 - 26.5 | 3.4 | 2.2 - 5.3 | 647 |
| North Padang Lawas | 21.8 | 16.8 - 27.8 | 8.4 | 6.1 - 11.4 | 14.5 | 11.5 - 18.1 | 6.0 | 4.0 - 9.1 | 385 |
| Padang Lawas | 17.7 | 13.4 - 23.1 | 9.3 | 6.4 - 13.4 | 16.3 | 11.8 - 22.0 | 1.4** | 0.6 - 3.1 | 418 |
| South Labuhan Batu | 16.0 | 11.5 - 21.8 | 10.5 | 7.7 - 14.1 | 10.3 | 7.3 - 14.4 | 4.7** | 2.5 - 8.6 | 465 |
| North Labuhan Batu | 9.6 | 6.7 - 13.4 | 4.6 | 3.2 - 6.5 | 7.9 | 5.5 - 11.2 | 1.5** | 0.9 - 2.7 | 552 |
| North Nias | 20.3 | 16.1 - 25.3 | 11.2 | 8.5 - 14.7 | 15.7 | 12.7 - 19.2 | 1.3** | 0.6 - 2.6 | 229 |
| West Nias | 28.9 | 24.5 - 33.8 | 15.5 | 12.2 - 19.5 | 25.7 | 21.9 - 30.0 | 5.1 | 3.3 - 7.7 | 152 |
| City of Sibolga | 10.6 | 8.1 - 13.8 | 8.5 | 5.8 - 12.2 | 11.5 | 8.5 - 15.3 | 1.8** | 0.8 - 4.0 | 122 |
| City of Tanjung Balai | 5.7 | 3.7 - 8.7 | 5.1 | 3.3 - 7.8 | 3.2 | 2.1 - 5.1 | 1.9** | 1.1 - 3.5 | 249 |
| City of Pematang Siantar | 7.7 | 5.2 - 11.4 | 4.2 | 2.8 - 6.3 | 7.2 | 5.0 - 10.1 | 4.5 | 3.0 - 6.7 | 303 |
| City of Tebing Tinggi | 10.4 | 7.9 - 13.6 | 15.8 | 11.7 - 20.8 | 15.8 | 12.7 - 19.6 | 3.4 | 2.1 - 5.2 | 218 |
| City of Medan | 5.8 | 3.9 - 8.6 | 4.0** | 2.3 - 6.7 | 3.3** | 1.9 - 5.8 | 3.9 | 2.5 - 6.2 | 2,606 |
| City of Binjai | 19.4 | 16.1 - 23.3 | 11.6 | 9.6 - 14.0 | 17.3 | 14.3 - 20.7 | 4.0 | 2.6 - 6.2 | 370 |
| City of Padangsidempuan | 26.1 | 21.3 - 31.5 | 8.3 | 6.2 - 10.9 | 17.2 | 13.9 - 21.2 | 3.0 | 2.0 - 4.4 | 312 |
| City of Gunungsitoli | 18.9 | 15.3 - 23.0 | 4.3** | 2.5 - 7.6 | 14.3 | 10.7 - 18.9 | 2.5** | 1.5 - 4.3 | 211 |
| NORTH SUMATERA | 18.9 | 17.7 - 20.2 | 7.9 | 7.3 - 8.6 | 13.2 | 12.3 - 14.1 | 3.5 | 3.1 - 3.9 | 19,298 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies.

Table 15.3 Prevalence of Nutritional Status of Toddlers by City/Regency in West Sumatra Province, 2023 SKI

| City/Regency | Status Gizi Balita | | | | | | | | Weighted N | |
|------------------------|--------------------|--------------------|------------|-------------------|-------------|--------------------|------------|------------------|--------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Mentawai Regency | 33.7 | 27.3 - 40.7 | 12.7 | 9.6 - 16.7 | 24.3 | 19.6 - 29.7 | 2.4** | 1.1 - 4.9 | 114 | |
| Pesisir Selatan | 27.0 | 22.2 - 32.4 | 9.5 | 7.5 - 12.0 | 21.9 | 17.9 - 26.5 | 3.4** | 1.9 - 5.9 | 625 | |
| Solok | 25.4 | 20.0 - 31.7 | 4.5 | 2.9 - 6.8 | 15.0 | 11.3 - 19.6 | 3.0** | 1.8 - 4.9 | 448 | |
| Sijunjung | 28.5 | 24.3 - 33.1 | 12.1 | 9.7 - 15.2 | 25.3 | 21.3 - 29.7 | 1.4** | 0.7 - 2.7 | 302 | |
| Tanah Datar | 18.5 | 14.7 - 22.9 | 6.5 | 4.6 - 9.2 | 13.2 | 10.4 - 16.7 | 1.6** | 0.6 - 4.1 | 397 | |
| Padang Pariaman | 19.4 | 15.9 - 23.6 | 12.4 | 9.6 - 15.9 | 19.5 | 16.3 - 23.2 | 1.8** | 1.0 - 3.3 | 514 | |
| Agam | 20.1 | 16.9 - 23.8 | 7.9 | 5.9 - 10.6 | 13.2 | 10.8 - 16.0 | 2.8 | 1.7 - 4.4 | 598 | |
| Lima Puluh Kota | 28.6 | 23.8 - 33.9 | 5.1 | 3.5 - 7.3 | 15.9 | 12.9 - 19.5 | 2.6 | 1.6 - 4.3 | 433 | |
| Pasaman | 29.4 | 24.7 - 34.6 | 9.9 | 7.5 - 13.0 | 21.8 | 17.8 - 26.5 | 4.2 | 2.7 - 6.4 | 382 | |
| Solok Selatan | 14.7 | 11.3 - 18.9 | 13.4 | 9.9 - 17.7 | 11.8 | 9.1 - 15.2 | 0.9** | 0.3 - 2.2 | 243 | |
| Dharmas Raya | 17.7 | 15.0 - 20.7 | 10.0 | 7.2 - 13.9 | 16.9 | 14.1 - 20.1 | 2.5** | 1.5 - 4.1 | 295 | |
| Pasaman Barat | 29.7 | 25.3 - 34.4 | 9.0 | 6.4 - 12.5 | 19.5 | 16.5 - 23.0 | 2.0** | 1.2 - 3.5 | 575 | |
| City of Padang | 24.2 | 20.7 - 28.1 | 12.0 | 9.2 - 15.5 | 18.7 | 15.9 - 21.9 | 3.7 | 2.4 - 5.8 | 1,121 | |
| City of Solok | 16.3 | 13.0 - 20.2 | 7.2 | 5.3 - 9.5 | 15.7 | 12.4 - 19.7 | 0.9** | 0.5 - 1.9 | 102 | |
| City of Sawah Lunto | 19.5 | 16.1 - 23.4 | 9.1 | 6.8 - 12.1 | 16.3 | 13.2 - 20.0 | 1.9** | 1.0 - 3.7 | 83 | |
| City of Padang Panjang | 15.8 | 12.4 - 20.0 | 2.5** | 1.5 - 4.1 | 8.3 | 6.0 - 11.4 | 1.9** | 1.0 - 3.6 | 80 | |
| City of Bukittinggi | 20.1 | 17.0 - 23.6 | 5.3 | 3.5 - 8.0 | 12.6 | 10.4 - 15.2 | 3.1 | 1.9 - 4.8 | 154 | |
| City of Payakumbuh | 19.8 | 14.8 - 26.0 | 10.7 | 8.4 - 13.7 | 12.8 | 9.7 - 16.6 | 2.9** | 1.7 - 5.1 | 179 | |
| City of Pariaman | 17.7 | 14.6 - 21.2 | 9.6 | 7.3 - 12.7 | 18.2 | 14.8 - 22.2 | 1.8** | 1.0 - 3.2 | 124 | |
| WEST SUMATERA | 23.6 | 22.5 - 24.9 | 9.3 | 8.6 - 10.2 | 17.6 | 16.7 - 18.6 | 2.7 | 2.3 - 3.1 | 6,769 | |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies.

Table 15.4 Prevalence of Nutritional Status of Toddlers by Regency/City in Riau Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N | |
|-------------------|--------------------------------|--------------------|------------|------------------|-------------|--------------------|------------|------------------|--------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Kuantan Singingi | 23.0 | 19.3 - 27.1 | 12.2 | 8.5 - 17.3 | 18.3 | 14.3 - 23.3 | 3.6 | 2.3 - 5.6 | 408 | |
| Indragiri Hulu | 12.7 | 9.3 - 17.0 | 7.7 | 5.6 - 10.6 | 11.2 | 8.5 - 14.7 | 2.9** | 1.6 - 5.0 | 545 | |
| Indragiri Hilir | 18.8 | 14.1 - 24.5 | 7.1 | 5.0 - 9.9 | 14.6 | 11.8 - 17.9 | 5.3 | 3.4 - 8.1 | 776 | |
| Pelalawan | 10.1 | 7.2 - 14.0 | 8.6 | 5.5 - 13.4 | 12.3 | 9.1 - 16.3 | 2.9 | 1.8 - 4.5 | 518 | |
| Siak | 10.4 | 8.0 - 13.5 | 8.9 | 6.8 - 11.4 | 14.3 | 11.5 - 17.7 | 2.6** | 1.6 - 4.3 | 576 | |
| Kampar | 7.6 | 5.4 - 10.5 | 4.9 | 3.1 - 7.7 | 5.6 | 3.8 - 8.3 | 2.3** | 1.3 - 4.0 | 1,161 | |
| Rokan Hulu | 15.9 | 12.0 - 20.7 | 10.4 | 7.6 - 14.1 | 11.9 | 8.9 - 15.8 | 2.3** | 1.3 - 3.9 | 655 | |
| Bengkalis | 17.9 | 15.5 - 20.6 | 9.1 | 6.9 - 12.0 | 17.5 | 14.5 - 20.9 | 2.2 | 1.4 - 3.6 | 778 | |
| Rokan Hilir | 16.6 | 12.8 - 21.3 | 8.1 | 5.8 - 11.3 | 13.5 | 10.8 - 16.8 | 2.7 | 1.7 - 4.1 | 770 | |
| Kepulauan Meranti | 19.6 | 16.2 - 23.6 | 8.6 | 6.3 - 11.6 | 15.4 | 12.3 - 19.1 | 3.3** | 1.9 - 5.8 | 254 | |
| City of Pekanbaru | 8.7 | 6.5 - 11.5 | 9.2 | 7.2 - 11.9 | 10.9 | 8.5 - 13.9 | 4.0 | 3.0 - 5.4 | 1,256 | |
| City of Dumai | 14.9 | 11.2 - 19.5 | 5.3 | 3.7 - 7.6 | 11.8 | 8.7 - 15.8 | 1.8** | 1.0 - 3.2 | 419 | |
| RIAU | 13.6 | 12.6 - 14.7 | 8.1 | 7.4 - 9.0 | 12.4 | 11.5 - 13.3 | 3.1 | 2.6 - 3.5 | 8,116 | |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.5 Prevalence of Nutritional Status of Toddlers by District/City in Jambi Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|----------------------|--------------------------------|--------------------|------------|------------------|-------------|------------------|------------|------------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Kerinci | 8.7 | 6.0 - 12.4 | 4.7** | 2.7 - 7.8 | 6.5 | 4.8 - 8.6 | 1.5** | 0.6 - 3.5 | 273 |
| Merangin | 14.9 | 10.9 - 20.0 | 4.2** | 2.5 - 7.0 | 6.1 | 4.0 - 9.3 | 6.4** | 3.8 - 10.6 | 432 |
| Sarolangun | 4.8** | 2.4 - 9.5 | 1.0** | 0.4 - 2.4 | 2.3** | 1.1 - 4.7 | 1.0** | 0.4 - 2.3 | 413 |
| Batanghari | 10.1 | 7.7 - 13.0 | 6.0 | 4.2 - 8.4 | 9.5 | 7.2 - 12.4 | 2.3** | 1.4 - 3.9 | 372 |
| Muaro Jambi | 12.0 | 8.6 - 16.5 | 7.7 | 5.3 - 11.3 | 11.2 | 8.0 - 15.5 | 2.3** | 1.3 - 4.1 | 488 |
| Tanjung Jabung Timur | 23.7 | 19.0 - 29.3 | 11.2 | 8.1 - 15.3 | 16.4 | 13.0 - 20.4 | 6.2 | 3.9 - 9.5 | 281 |
| Tanjung Jabung Barat | 14.1 | 10.8 - 18.3 | 7.6 | 5.2 - 11.0 | 11.3 | 8.2 - 15.2 | 3.2 | 2.1 - 4.9 | 408 |
| Tebo | 22.7 | 18.5 - 27.5 | 7.9 | 5.8 - 10.8 | 13.7 | 10.3 - 17.9 | 4.9 | 3.4 - 7.0 | 444 |
| Bungo | 13.7 | 9.9 - 18.6 | 5.3 | 3.4 - 8.1 | 8.4 | 5.9 - 11.9 | 3.0** | 1.8 - 5.0 | 445 |
| City of Jambi | 13.5 | 10.0 - 17.9 | 9.9 | 6.7 - 14.5 | 7.2 | 4.8 - 10.8 | 15.6 | 10.9 - 21.9 | 691 |
| City of Sungai Penuh | 4.1** | 2.0 - 8.3 | 1.4** | 0.2 - 9.1 | 3.1** | 1.2 - 8.3 | 0.8** | 0.1 - 5.2 | 108 |
| JAMBI | 13.5 | 12.3 - 14.8 | 6.6 | 5.7 - 7.5 | 8.9 | 7.9 - 9.9 | 5.3 | 4.2 - 6.6 | 4,355 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.6 Prevalence of Nutritional Status of Toddlers by City/Regency in South Sumatra Province, 2023 SKI

| City/Regency | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|----------------------------|--------------------------------|--------------------|------------|-------------------|-------------|--------------------|------------|------------------|---------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Ogan Komering Ulu | 15.7 | 12.8 - 19.1 | 6.2 | 4.6 - 8.2 | 14.7 | 11.7 - 18.3 | 3.1** | 1.8 - 5.3 | 449 |
| Ogan Komering Ilir | 32.5 | 27.9 - 37.4 | 8.3 | 6.0 - 11.6 | 20.1 | 16.4 - 24.5 | 7.4 | 5.1 - 10.6 | 840 |
| Muara Enim | 25.9 | 22.3 - 29.8 | 11.1 | 8.7 - 14.1 | 17.5 | 14.1 - 21.5 | 5.3 | 3.7 - 7.4 | 813 |
| Lahat | 7.8 | 5.7 - 10.7 | 4.1 | 2.8 - 5.9 | 7.9 | 5.6 - 11.0 | 1.2** | 0.7 - 2.1 | 505 |
| Musi Rawas | 21.9 | 19.1 - 25.1 | 11.4 | 9.2 - 14.0 | 20.1 | 16.7 - 24.1 | 4.0 | 2.6 - 5.9 | 451 |
| Musi Banyu Asin | 16.5 | 13.7 - 19.7 | 9.6 | 7.5 - 12.2 | 16.0 | 13.5 - 18.9 | 4.4 | 2.8 - 7.0 | 834 |
| Banyu Asin | 20.4 | 17.0 - 24.3 | 11.0 | 8.8 - 13.6 | 17.1 | 13.9 - 20.9 | 4.4 | 2.9 - 6.4 | 1,015 |
| South Ogan Komering Ulu | 23.0 | 19.3 - 27.2 | 11.4 | 8.5 - 15.1 | 12.9 | 10.3 - 16.2 | 6.8 | 4.8 - 9.6 | 476 |
| East Ogan Komering Ulu | 9.3 | 6.4 - 13.3 | 7.5 | 5.3 - 10.6 | 8.7 | 6.3 - 11.8 | 2.4** | 1.4 - 4.0 | 743 |
| Ogan Ilir | 22.9 | 18.9 - 27.4 | 7.9 | 5.9 - 10.6 | 16.7 | 13.5 - 20.5 | 5.8 | 3.7 - 8.9 | 492 |
| Empat Lawang | 32.6 | 28.6 - 37.0 | 12.5 | 9.4 - 16.3 | 18.9 | 15.0 - 23.6 | 4.6** | 2.7 - 7.6 | 350 |
| penukal Abab Lematang Ilir | 15.4 | 11.1 - 21.1 | 6.8 | 4.4 - 10.3 | 10.2 | 7.2 - 14.4 | 3.6 | 2.3 - 5.6 | 270 |
| Musi Rawas Utara | 33.1 | 27.8 - 38.8 | 15.9 | 12.5 - 20.1 | 18.5 | 14.4 - 23.4 | 7.8 | 5.9 - 10.3 | 236 |
| City of Palembang | 18.9 | 15.6 - 22.8 | 11.5 | 9.4 - 14.1 | 16.1 | 13.5 - 19.1 | 6.1 | 4.1 - 9.0 | 1,938 |
| City of Prabumulih | 15.4 | 12.2 - 19.3 | 9.1 | 6.6 - 12.6 | 12.5 | 9.3 - 16.6 | 7.8** | 4.1 - 14.4 | 243 |
| City of Pagar Alam | 23.3 | 18.5 - 29.0 | 5.3 | 3.8 - 7.3 | 8.4 | 6.1 - 11.3 | 9.2 | 5.6 - 14.6 | 163 |
| City of Lubuk Linggau | 17.5 | 14.2 - 21.2 | 9.0 | 6.8 - 11.8 | 13.8 | 10.9 - 17.3 | 4.7 | 3.3 - 6.6 | 302 |
| SOUTH SUMATERA | 20.3 | 19.2 - 21.4 | 9.7 | 9.0 - 10.4 | 15.4 | 14.5 - 16.4 | 5.1 | 4.4 - 5.8 | 10,120 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.7 Prevalence of Nutritional Status of Toddlers by City/Regency in Bengkulu Province, 2023 SKI

| City/Regency | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|------------------|--------------------------------|--------------------|------------|------------------|-------------|-------------------|------------|------------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| South Bengkulu | 24.0 | 20.1 - 28.4 | 14.9 | 10.6 - 20.5 | 9.8 | 7.4 - 12.9 | 9.1 | 6.9 - 11.8 | 197 |
| Rejang Lebong | 28.6 | 23.9 - 33.9 | 5.3 | 3.8 - 7.4 | 12.5 | 9.8 - 15.9 | 9.3 | 6.8 - 12.6 | 317 |
| North Bengkulu | 21.6 | 18.7 - 24.9 | 7.1 | 5.1 - 9.8 | 14.2 | 11.7 - 17.1 | 2.8** | 1.6 - 4.9 | 373 |
| Kaur | 14.3 | 10.7 - 18.9 | 5.4 | 3.5 - 8.1 | 9.5 | 7.3 - 12.4 | 3.4 | 2.1 - 5.3 | 151 |
| Seluma | 26.0 | 21.4 - 31.2 | 5.8 | 4.0 - 8.4 | 14.8 | 11.4 - 18.9 | 4.8 | 3.4 - 6.6 | 256 |
| Mukomuko | 27.1 | 22.7 - 32.1 | 14.3 | 10.0 - 20.0 | 14.1 | 10.5 - 18.7 | 7.2 | 5.0 - 10.3 | 251 |
| Lebong | 15.7 | 11.1 - 21.7 | 8.2 | 5.2 - 12.7 | 5.2** | 3.0 - 8.7 | 4.7** | 2.6 - 8.2 | 129 |
| Kepahiang | 22.1 | 16.8 - 28.5 | 2.6** | 1.1 - 5.9 | 11.3 | 7.5 - 16.5 | 4.5** | 2.7 - 7.5 | 169 |
| Central Bengkulu | 23.2 | 18.5 - 28.7 | 8.6 | 6.2 - 11.7 | 12.2 | 8.5 - 17.1 | 5.6** | 3.3 - 9.3 | 146 |
| City of Bengkulu | 6.7 | 4.6 - 9.5 | 4.1** | 2.1 - 7.9 | 4.5 | 2.8 - 7.2 | 3.2** | 1.7 - 5.8 | 478 |
| BENGKULU | 20.2 | 18.8 - 21.7 | 7.2 | 6.3 - 8.3 | 10.7 | 9.7 - 11.8 | 5.3 | 4.6 - 6.1 | 2,467 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.8 Prevalence of Nutritional Status of Toddlers by City/Regency in Lampung Province, 2023 SKI

| City/Regency | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|------------------------|--------------------------------|--------------------|------------|------------------|-------------|--------------------|------------|------------------|---------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| West Lampung | 24.6 | 20.3 - 29.4 | 4.9 | 3.3 - 7.1 | 13.5 | 10.7 - 17.0 | 3.6 | 2.4 - 5.3 | 389 |
| Tanggamus | 17.1 | 13.1 - 22.0 | 6.5 | 4.5 - 9.3 | 13.0 | 10.2 - 16.4 | 1.7** | 0.9 - 3.1 | 773 |
| South Lampung | 10.3 | 7.7 - 13.6 | 7.1 | 4.8 - 10.3 | 11.0 | 7.6 - 15.7 | 3.7** | 1.9 - 7.0 | 1,327 |
| East Lampung | 14.2 | 11.7 - 17.3 | 6.3 | 4.3 - 9.3 | 13.3 | 10.8 - 16.2 | 2.8 | 1.7 - 4.6 | 1,217 |
| Central Lampung | 16.7 | 13.7 - 20.3 | 7.0 | 4.8 - 10.1 | 14.8 | 12.0 - 18.2 | 3.4 | 2.3 - 5.1 | 1,662 |
| North Lampung | 23.5 | 19.6 - 27.9 | 7.4 | 5.5 - 10.0 | 18.0 | 15.0 - 21.3 | 2.1** | 1.2 - 3.6 | 770 |
| Way Kanan | 22.7 | 19.0 - 26.8 | 10.2 | 8.0 - 12.9 | 16.4 | 13.4 - 19.9 | 3.5 | 2.3 - 5.3 | 611 |
| Tulang Bawang | 9.8 | 7.2 - 13.2 | 9.9 | 7.1 - 13.7 | 10.9 | 7.8 - 15.0 | 2.7** | 1.3 - 5.8 | 509 |
| Pesawaran | 10.0 | 7.3 - 13.6 | 5.2 | 3.4 - 8.0 | 6.3 | 4.3 - 9.1 | 3.9 | 2.5 - 5.9 | 583 |
| Pringsewu | 15.8 | 12.6 - 19.5 | 8.8 | 6.5 - 11.9 | 16.3 | 12.9 - 20.4 | 1.8** | 1.0 - 3.3 | 473 |
| Mesuji | 5.0 | 3.3 - 7.5 | 3.1** | 1.8 - 5.5 | 2.9 | 1.7 - 4.7 | 4.1 | 2.5 - 6.6 | 291 |
| Tulangbawang Barat | 10.5 | 8.1 - 13.5 | 7.1 | 4.8 - 10.3 | 9.7 | 6.7 - 13.7 | 4.1 | 2.7 - 6.0 | 356 |
| Pesisir Barat | 16.1 | 13.0 - 19.8 | 10.3 | 8.0 - 13.1 | 11.5 | 8.5 - 15.3 | 5.6 | 3.5 - 8.8 | 218 |
| City of Bandar Lampung | 13.4 | 10.8 - 16.4 | 8.4 | 5.8 - 12.1 | 8.6 | 6.5 - 11.3 | 4.8 | 3.0 - 7.7 | 1,335 |
| City of Metro | 7.1 | 4.9 - 10.1 | 8.2 | 5.7 - 11.6 | 9.1 | 6.0 - 13.4 | 3.5** | 2.0 - 6.0 | 197 |
| LAMPUNG | 14.9 | 13.9 - 15.9 | 7.3 | 6.6 - 8.2 | 12.3 | 11.4 - 13.3 | 3.4 | 2.9 - 3.9 | 10,712 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.9 Prevalence of Nutritional Status of Toddlers by City/Regency in the Bangka Belitung Islands Province, 2023 SKI

| City/Regency | Status Gizi Balita | | | | | | | | N |
|--------------------------------|--------------------|------------------|------------|----------------|-------------|------------------|------------|----------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | Weighted N |
| Bangka | 23.2 | 19.3-27.5 | 11.0 | 8.5-14.2 | 13.9 | 10.7-18 | 7.4 | 5.3-10.5 | 395 |
| Belitung | 20.8 | 17.2-25.0 | 5.1 | 3.4-7.7 | 12.3 | 9.5-15.9 | 12.4 | 9.1-16.7 | 207 |
| West Bangka | 20.6 | 16.8-25.0 | 8.5 | 5.9-12 | 16.0 | 12.7-20.0 | 7.4 | 5.8-9.4 | 244 |
| Central Bangka | 18.2 | 15.1-21.8 | 8.6 | 6.6-11.2 | 15.3 | 12.1-19.3 | 4.5 | 3.0-6.7 | 245 |
| South Bangka | 20.7 | 17.1-24.8 | 7.4 | 5.7-9.5 | 13.3 | 10.6-16.7 | 7.3 | 5.4-9.7 | 221 |
| East Belitung | 17.3 | 14.9-20.1 | 7.2 | 4.8-10.6 | 12.3 | 9.7-15.5 | 9.6 | 6.9-13.1 | 140 |
| City of Pangkal Pinang | 20.7 | 16.6-25.6 | 5.9 | 4.0-8.6 | 9.7 | 7.2-13.0 | 8.5 | 6.1-11.7 | 280 |
| Bangka Belitung Islands | 20.6 | 19.1-22.3 | 8.0 | 7.1-9.1 | 13.4 | 12.1-14.7 | 7.9 | 7.0-9.0 | 1,733 |

Table 15.10 Prevalence of Nutritional Status of Toddlers by Regency/City in Riau Islands Province, SKI 2023

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|------------------------|--------------------------------|------------------|------------|----------------|-------------|------------------|------------|----------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Karimun | 17.9 | 14.4-22.2 | 6.2 | 4.3-8.9 | 13.4 | 10.7-16.8 | 3.4** | 1.7-6.7 | 309 |
| Bintan | 21.6 | 17.9-25.9 | 9.8 | 6.8-14.1 | 15.4 | 11.4-20.5 | 4.0 | 2.7-6.0 | 193 |
| Natuna | 16.1 | 13.1-19.6 | 8.7 | 6.7-11.3 | 14.6 | 11.9-17.8 | 7.5 | 5.4-10.4 | 104 |
| Lingga | 20.5 | 16.7-24.9 | 10.2 | 7.5-13.8 | 14.8 | 11.5-18.9 | 5.1** | 3.1-8.2 | 109 |
| Anambas Islands | 15.2 | 11.1-20.5 | 8.6 | 5.6-13.1 | 13.8 | 9.9-18.8 | 5.0 | 3.3-7.6 | 62 |
| City of Batam | 16.1 | 13.3-19.4 | 5.3 | 3.7-7.4 | 11.5 | 8.7-15.1 | 4.6 | 3.3-6.3 | 1,583 |
| City of Tanjung Pinang | 15.2 | 11.3-20.1 | 7.5 | 5.1-10.9 | 14.1 | 9.9-19.7 | 5.0 | 3.2-7.8 | 254 |
| Riau Islands | 16.8 | 14.9-18.9 | 6.4 | 5.2-7.7 | 12.6 | 10.6-14.8 | 4.6 | 3.7-5.7 | 2,613 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.11 Prevalence of Nutritional Status of Toddlers by Regency/City in DKI Jakarta Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|-------------------------|--------------------------------|------------------|-------------|-----------------|-------------|------------------|------------|----------------|---------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Seribu Islands | 18.6 | 14.7-23.3 | 10.2 | 8.2-12.6 | 18.6 | 15.6-22.2 | 5.8 | 4.1-8.1 | 37*** |
| City of South Jakarta | 16.6 | 14.2-19.4 | 11.4 | 8.1-15.7 | 11.6 | 8.9-14.9 | 5.9 | 4.4-8.0 | 2,022 |
| City of East Jakarta | 16.8 | 13.7-20.5 | 9.3 | 6.9-12.4 | 13.4 | 10.3-17.1 | 6.8 | 4.8-9.5 | 3,039 |
| City of Central Jakarta | 19.1 | 15.2-23.7 | 8.7 | 6.4-11.6 | 15.0 | 11.6-19.1 | 5.0 | 3.4-7.1 | 887 |
| City of West Jakarta | 17.1 | 14.3-20.4 | 11.0 | 8.7-13.7 | 17.2 | 14.0-21.0 | 7.5 | 5.5-10.2 | 2,411 |
| City of North Jakarta | 19.8 | 16.0-24.3 | 9.5 | 7.1-12.6 | 16.0 | 12.7-19.8 | 7.0 | 4.7-10.3 | 1,855 |
| DKI Jakarta | 17.6 | 16.1-19.2 | 10.1 | 8.8-11.5 | 14.5 | 13.0-16.2 | 6.7 | 5.7-7.9 | 10,252 |

*** Weighted N < 50

Table 15.12 Prevalence of Nutritional Status of Toddlers by Regency/City in West Java Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|---------------------|--------------------------------|------------------|------------|----------------|-------------|----------------|------------|----------------|---------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| | % | | 95% CI | | % | | 95% CI | | |
| Bogor | 27.6 | 23.6-32.1 | 8.5 | 6.5-11 | 19.7 | 16.6-23.1 | 4.0 | 2.7-5.9 | 6,093 |
| Sukabumi | 27.0 | 23.4-30.9 | 6.4 | 4.6-8.9 | 17.9 | 14.3-22.3 | 3.6 | 2.4-5.3 | 3,017 |
| Cianjur | 11.4 | 9.1-14.3 | 3.4 | 2.2-5.1 | 7.0 | 5.4-9.1 | 2.4 | 1.5-3.7 | 2,916 |
| Bandung | 29.2 | 25.7-33.0 | 6.2 | 4.5-8.3 | 15.8 | 13.0-19.0 | 3.3 | 2.2-4.9 | 4,131 |
| Garut | 24.1 | 21.0-27.5 | 3.1 | 2.0-4.9 | 12.7 | 9.9-16.0 | 2.6 | 1.6-4.0 | 3,333 |
| Tasikmalaya | 20.7 | 17.4-24.4 | 4.0 | 2.7-5.9 | 10.1 | 8.2-12.4 | 3.9 | 2.4-6.3 | 2,063 |
| Ciamis | 25.4 | 21.6-29.7 | 5.2 | 3.9-7.0 | 16.4 | 13.7-19.4 | 4.2** | 2.3-7.5 | 1,224 |
| Kuningan | 23.4 | 19.8-27.5 | 6.4 | 4.8-8.5 | 15.7 | 12.9-18.9 | 3.1 | 2.1-4.5 | 1,347 |
| Cirebon | 22.9 | 19.4-26.7 | 9.7 | 7.7-12.1 | 18.6 | 15.5-22.1 | 4.7 | 3.4-6.4 | 2,806 |
| Majalengka | 24.1 | 20.7-27.8 | 7.0 | 5.3-9.2 | 15.0 | 12.3-18.3 | 5.3 | 3.9-7.0 | 1,375 |
| Sumedang | 14.4 | 11.1-18.3 | 3.9 | 2.7-5.7 | 10.0 | 7.9-12.7 | 2.7 | 1.7-4.4 | 1,162 |
| Indramayu | 18.4 | 15.4-21.9 | 9.5 | 7.1-12.5 | 15.4 | 12.6-18.6 | 5.4 | 3.7-7.8 | 1,918 |
| Subang | 18.7 | 15.1-22.9 | 9.5 | 7.3-12.3 | 13.3 | 10.8-16.3 | 6.0 | 4.3-8.3 | 1,677 |
| Purwakarta | 24.0 | 20.2-28.3 | 6.5 | 4.8-8.8 | 14.1 | 11.8-16.9 | 4.6 | 3.3-6.4 | 1,200 |
| Karawang | 17.1 | 14.0-20.8 | 6.3 | 4.5-8.7 | 14.7 | 12.3-17.4 | 3.0 | 2.0-4.6 | 2,671 |
| Bekasi | 23.2 | 19.6-27.2 | 7.7 | 5.9-10.1 | 17.9 | 14.8-21.6 | 4.4 | 3.1-6.0 | 3,671 |
| West Bandung | 25.1 | 20.5-30.4 | 5.1 | 3.7-7.1 | 13.2 | 10.4-16.7 | 2.0 | 1.2-3.1 | 2,083 |
| Pangandaran | 23.9 | 20.5-27.6 | 7.7 | 5.7-10.3 | 13.1 | 10.9-15.5 | 4.9 | 3.4-7.0 | 429 |
| City of Bogor | 18.2 | 15.3-21.5 | 4.9 | 3.6-6.6 | 13.8 | 11.3-16.9 | 3.2 | 2.1-4.7 | 1,102 |
| City of Sukabumi | 26.9 | 22.8-31.3 | 5.3 | 3.7-7.4 | 13.6 | 11.0-16.7 | 5.0 | 3.4-7.2 | 416 |
| City of Bandung | 16.3 | 13.8-19.3 | 5.5 | 4.0-7.6 | 11.3 | 9.0-14.1 | 4.1 | 2.9-5.7 | 2,439 |
| City of Cirebon | 19.9 | 16.4-23.9 | 10.7 | 8.4-13.5 | 20.2 | 17.1-23.8 | 3.2 | 2.1-4.7 | 380 |
| City of Bekasi | 10.3 | 8.1-13.1 | 5.7 | 4.1-7.8 | 11.5 | 9.1-14.5 | 5.3 | 3.8-7.4 | 2,725 |
| City of Depok | 14.3 | 11.7-17.4 | 5.8 | 4.3-8.0 | 12.8 | 10.2-15.9 | 5.2 | 3.7-7.3 | 2,299 |
| City of Cimahi | 24.5 | 21.3-28.0 | 4.0 | 2.5-6.5 | 14.1 | 11.0-18.1 | 3.7 | 2.3-5.8 | 612 |
| City of Tasikmalaya | 27.1 | 23.3-31.2 | 4.6 | 3.1-6.8 | 14.0 | 11.6-16.9 | 3.4 | 2.3-5.1 | 860 |
| City of Banjar | 23.6 | 19.8-27.8 | 8.2 | 5.4-12.3 | 15.7 | 12.9-18.9 | 3.8 | 2.5-5.7 | 234 |
| West Java | 21.7 | 20.8-22.6 | 6.4 | 5.9-6.8 | 14.7 | 14-15.4 | 3.9 | 3.6-4.3 | 54,183 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.13 Prevalence of Nutritional Status of Toddlers by Regency/City in Central Java Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|---------------------|--------------------------------|------------------|------------|----------------|-------------|------------------|------------|----------------|---------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Cilacap | 18.5 | 14.5-23.3 | 7.4 | 5.9-9.3 | 14.4 | 11.8-17.4 | 3.6 | 2.2-5.9 | 2,017 |
| Banyumas | 20.9 | 17.5-24.8 | 4.1 | 2.9-5.8 | 12.3 | 9.8-15.4 | 2.9 | 1.9-4.6 | 1,868 |
| Purbalingga | 26.0 | 20.3-32.7 | 6.0 | 4.2-8.5 | 15.7 | 12.4-19.7 | 3.3 | 2.0-5.3 | 1,100 |
| Banjarnegara | 19.9 | 16.3-24 | 4.9 | 3.3-7.0 | 12.0 | 9.7-14.8 | 4.7 | 3.0-7.2 | 1,087 |
| Kebumen | 21.9 | 18.1-26.1 | 4.7 | 3.2-6.9 | 15.5 | 12.9-18.6 | 1.6 | 1.0-2.6 | 1,481 |
| Purworejo | 20.6 | 17.3-24.5 | 6.2 | 4.3-8.8 | 11.3 | 9.3-13.8 | 3.6 | 2.4-5.4 | 753 |
| Wonosobo | 29.2 | 25.7-33 | 5.1 | 3.7-7.0 | 16.2 | 13.5-19.2 | 3.8 | 2.5-5.9 | 991 |
| Magelang | 25.8 | 21.4-30.8 | 4.7 | 3.3-6.5 | 12.0 | 9.3-15.4 | 4.3** | 2.6-7.1 | 1,311 |
| Boyolali | 21.5 | 18-25.5 | 6.2 | 4.3-8.9 | 18.0 | 14.4-22.2 | 3.2 | 2.1-4.8 | 1,115 |
| Klaten | 24.5 | 22-27.2 | 7.5 | 5.2-10.7 | 18.6 | 15.6-22.1 | 5.8** | 3.4-9.6 | 1,170 |
| Sukoharjo | 24.3 | 20.8-28.3 | 6.8 | 5.2-8.9 | 15.1 | 12.1-18.6 | 4.9 | 3.4-7.1 | 869 |
| Wonogiri | 19.5 | 16.9-22.5 | 3.2 | 2.2-4.6 | 9.8 | 7.6-12.6 | 4.3 | 2.8-6.5 | 862 |
| Karanganyar | 22.2 | 18.3-26.8 | 5.3 | 3.8-7.3 | 10.7 | 8.7-13.2 | 6.2 | 4.4-8.6 | 921 |
| Sragen | 18.4 | 14.7-22.9 | 7.8 | 5.6-10.7 | 12.0 | 9.1-15.8 | 4.4 | 3.0-6.6 | 932 |
| Grobogan | 20.2 | 16.5-24.4 | 12.7 | 9.8-16.4 | 15.1 | 11.9-19.1 | 6.1 | 4.2-8.8 | 1,617 |
| Blora | 21.2 | 17.5-25.3 | 8.3 | 6.5-10.6 | 17.3 | 14.3-20.8 | 4.2 | 2.8-6.2 | 842 |
| Rembang | 19.5 | 16.6-22.8 | 10.1 | 8.1-12.5 | 17.6 | 15.0-20.6 | 2.6 | 1.7-4.0 | 659 |
| Pati | 18.5 | 15.3-22.2 | 7.5 | 5.5-10.3 | 14.8 | 12.2-17.9 | 6.4 | 4.6-8.8 | 1,296 |
| Kudus | 15.7 | 12.5-19.5 | 8.7 | 6.6-11.5 | 9.9 | 7.8-12.4 | 7.9 | 6.2-10 | 911 |
| Jepara | 18.9 | 16-22.2 | 10.4 | 7.4-14.4 | 17.1 | 14.5-20.0 | 2.8 | 1.7-4.5 | 1,299 |
| Demak | 9.5 | 7.1-12.6 | 6.8 | 4.5-10 | 14.1 | 10.1-19.3 | 2.6 | 1.7-4.0 | 1,359 |
| Semarang | 18.8 | 14.3-24.4 | 6.5 | 4.8-8.7 | 13.0 | 9.0-18.5 | 5.2 | 3.4-7.8 | 1,050 |
| Temanggung | 25.1 | 19.8-31.2 | 3.6 | 2.3-5.6 | 12.5 | 8.9-17.2 | 2.9 | 1.8-4.5 | 786 |
| Kendal | 22.4 | 18.3-27.2 | 16.9 | 12.9-21.7 | 20.1 | 15.7-25.3 | 9.4 | 6.7-13.1 | 1,020 |
| Batang | 24.7 | 20.8-29 | 11.0 | 8.4-14.2 | 16.2 | 13.2-19.7 | 6.3 | 4.6-8.6 | 898 |
| Pekalongan | 28.6 | 23.8-33.9 | 11.3 | 8.6-14.6 | 21.8 | 17.7-26.6 | 2.9 | 1.9-4.5 | 1,130 |
| Pemalang | 15.3 | 12.2-19.2 | 6.7 | 4.8-9.3 | 10.6 | 8.7-12.9 | 3.5 | 2.3-5.2 | 1,607 |
| Tegal | 21.5 | 17.7-25.9 | 4.2 | 3.1-5.7 | 13.9 | 11.3-17.0 | 2.6 | 1.7-4.0 | 1,862 |
| Brebes | 21.6 | 17.8-25.9 | 5.4 | 4.0-7.3 | 14.1 | 11.2-17.6 | 2.0** | 1.1-3.3 | 2,190 |
| City of Magelang | 15.4 | 12.5-18.8 | 4.5 | 3.0-6.9 | 11.9 | 9.3-15.2 | 5.5 | 3.8-7.8 | 102 |
| City of Surakarta | 16.0 | 13-19.4 | 3.6 | 2.4-5.3 | 13.4 | 10.9-16.3 | 6.4 | 4.7-8.8 | 463 |
| City of Salatiga | 16.9 | 13.8-20.6 | 4.7 | 3.3-6.8 | 10.9 | 8.6-13.6 | 7.7 | 5.7-10.3 | 196 |
| City of Semarang | 15.7 | 12.9-19 | 6.2 | 4.4-8.7 | 11.8 | 9.3-14.8 | 6.2 | 4.6-8.3 | 1,552 |
| City of Pekalongan | 28.2 | 23.9-32.9 | 13.9 | 11.1-17.3 | 20.9 | 17.5-24.7 | 3.3 | 2.2-4.9 | 346 |
| City of Tegal | 22.3 | 18.6-26.4 | 9.3 | 7.1-12.2 | 20.3 | 17.0-24.0 | 4.8 | 3.2-7.0 | 310 |
| Central Java | 20.7 | 20.0-21.5 | 7.1 | 6.7-7.5 | 14.4 | 13.9-15.1 | 4.2 | 3.9-4.6 | 37,972 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.14 Prevalence of Nutritional Status of Toddlers by Regency/City in Special Region of Yogyakarta Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|----------------------|--------------------------------|------------------|------------|----------------|-------------|------------------|------------|----------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Kulon Progo | 21.2 | 18.4-24.3 | 5.3 | 3.8-7.1 | 12.9 | 10.5-15.7 | 3.6 | 2.4-5.4 | 399 |
| Bantul | 20.5 | 17.7-23.5 | 7.9 | 5.9-10.6 | 14.7 | 12.1-17.7 | 3.4 | 2.4-4.9 | 925 |
| Gunung Kidul | 22.2 | 19.0-25.8 | 7.2 | 5.2-9.9 | 14.5 | 11.5-18.3 | 3.7 | 2.6-5.2 | 630 |
| Sleman | 12.4 | 10.4-14.7 | 7.4 | 5.5-9.8 | 11.5 | 9.1-14.4 | 3.8 | 2.6-5.3 | 1,037 |
| City of Yogyakarta | 16.8 | 13.4-20.9 | 6.0 | 4.1-8.6 | 13.5 | 10.7-16.9 | 3.8 | 2.3-6.2 | 306 |
| DI Yogyakarta | 18.0 | 16.7-19.4 | 7.1 | 6.1-8.3 | 13.3 | 12.0-14.8 | 3.6 | 3.0-4.3 | 3,296 |

Table 15.15 Prevalence of Nutritional Status of Toddlers by Regency/City in East Java Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|---------------------|--------------------------------|----------------|------------|----------------|-------------|------------------|------------|--------------|---------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Pacitan | 20.9 | 17.5-24.7 | 7.0 | 5.2-9.3 | 11.2 | 9.0-13.9 | 8.8 | 6.2-12.3 | 491 |
| Ponorogo | 16.1 | 12.3-20.7 | 7.9 | 6.1-10.3 | 13.0 | 10.3-16.3 | 3.9 | 2.5-5.9 | 839 |
| Trenggalek | 15.8 | 13.1-18.8 | 3.2** | 1.9-5.2 | 12.8 | 10.4-15.8 | 4.5 | 3.2-6.5 | 654 |
| Tulungagung | 21.5 | 18.4-25.0 | 8.2 | 6.1-11.1 | 12.6 | 10.3-15.4 | 6.0 | 4.5-7.9 | 997 |
| Blitar | 20.3 | 17.4-23.5 | 6.0 | 4.1-8.5 | 11.0 | 8.7-13.9 | 6.3 | 4.5-8.9 | 1,110 |
| Kediri | 16.8 | 14.0-20.0 | 7.9 | 5.7-10.9 | 14.2 | 11.6-17.2 | 5.5** | 3.2-9.3 | 1,652 |
| Malang-Kepanjen | 19.5 | 16.1-23.3 | 5.1 | 3.7-7.0 | 13.0 | 9.9-16.8 | 3.7 | 2.6-5.2 | 2,507 |
| Lumajang | 29.9 | 25.4-34.8 | 10.1 | 8-12.6 | 21.5 | 18.4-25.0 | 3.7** | 2.3-6.1 | 1,078 |
| Jember | 29.7 | 25.6-34.2 | 8.2 | 6.1-10.9 | 22.0 | 18.6-25.9 | 2.6** | 1.4-4.8 | 2,369 |
| Banyuwangi | 21.9 | 18.7-25.3 | 6.5 | 4.6-9.1 | 14.7 | 11.9-18.0 | 3.5 | 2.3-5.2 | 1,674 |
| Bondowoso | 17.0 | 13.6-21.0 | 6.5 | 4.6-9.1 | 12.5 | 9.9-15.7 | 3.4 | 2.3-5.0 | 778 |
| Situbondo | 4.1 | 2.8-6.1 | 2.9** | 1.5-5.4 | 2.8 | 1.7-4.5 | 0.3** | 0.1-1.2 | 635 |
| Probolinggo | 35.4 | 31.4-39.7 | 9.5 | 7.7-11.8 | 25.7 | 22.2-29.5 | 4.9 | 3.4-6.9 | 1,195 |
| Pasuruan | 27.9 | 24.6-31.5 | 8.5 | 6.6-10.7 | 22.7 | 19.5-26.3 | 2.7 | 1.7-4.2 | 1,575 |
| Sidoarjo | 8.4 | 6.0-11.5 | 5.2 | 3.3-8.0 | 7.9 | 4.9-12.5 | 5.8 | 4.2-8.0 | 1,978 |
| Mojokerto | 16.2 | 13.6-19.2 | 6.5 | 4.4-9.6 | 9.7 | 7.3-12.9 | 4.3 | 3.1-6.0 | 1,173 |
| Jombang | 18.0 | 14.8-21.9 | 7.1 | 5.4-9.3 | 10.8 | 8.9-13.2 | 4.7 | 3.4-6.4 | 1,349 |
| Nganjuk | 17.1 | 13.8-21.1 | 6.2 | 4.3-9.0 | 11.8 | 8.8-15.5 | 4.5 | 2.8-7.3 | 1,045 |
| Madiun | 16.5 | 13.5-20.1 | 4.9 | 3.2-7.4 | 12.4 | 10.0-15.3 | 5.0 | 3.2-7.7 | 667 |
| Magetan | 19.2 | 16.4-22.5 | 4.4 | 2.9-6.6 | 13.4 | 10.6-16.9 | 4.3 | 2.7-6.7 | 614 |
| Ngawi | 14.0 | 11.2-17.5 | 8.3 | 5.8-11.7 | 14.8 | 12.4-17.6 | 5.0 | 3.6-6.8 | 780 |
| Bojonegoro | 14.1 | 11.2-17.5 | 7.4 | 5.7-9.6 | 13.4 | 10.2-17.4 | 3.3 | 2.2-4.8 | 1,170 |
| Tuban | 17.8 | 15.0-20.9 | 7.1 | 5.2-9.7 | 15.5 | 12.6-18.8 | 4.2 | 2.7-6.6 | 1,031 |
| Lamongan | 9.4 | 7.3-11.9 | 6.7 | 4.9-9.0 | 10.7 | 8.4-13.6 | 3.4 | 2.1-5.3 | 1,257 |
| Gresik | 15.4 | 12.7-18.6 | 8.0 | 6.0-10.7 | 14.8 | 12.2-17.9 | 4.3** | 2.6-7.1 | 1,301 |
| Bangkalan | 10.2 | 7.5-13.7 | 6.2 | 4.2-9.0 | 7.1 | 5.4-9.2 | 2.4** | 1.2-4.6 | 1,074 |
| Sampang | 14.1 | 10.0-19.4 | 6.7 | 4.1-10.8 | 8.5 | 5.5-12.9 | 4.0 | 2.5-6.4 | 1,210 |
| Pamekasan | 25.1 | 19.1-32.3 | 7.9 | 6.2-10.0 | 16.8 | 12.8-21.6 | 5.0 | 3.6-7.1 | 985 |
| Sumenep | 16.7 | 13.1-20.9 | 11.0 | 8.3-14.4 | 10.8 | 7.9-14.5 | 2.3** | 1.2-4.3 | 1,065 |
| City of Kediri | 18.6 | 15.4-22.2 | 6.0 | 4.2-8.7 | 10.0 | 7.6-13.0 | 6.9 | 5.1-9.3 | 290 |
| City of Blitar | 17.7 | 14.5-21.4 | 6.6 | 4.6-9.2 | 12.4 | 9.6-15.9 | 9.2 | 7.1-11.9 | 148 |
| City of Malang | 17.3 | 14.0-21.3 | 6.0 | 4.3-8.4 | 13.4 | 10.5-16.9 | 3.9 | 2.5-6.0 | 804 |
| City of Probolinggo | 31.8 | 28.5-35.4 | 7.2 | 5.3-9.6 | 20.2 | 17.1-23.7 | 7.1 | 5.3-9.6 | 275 |
| City of Pasuruan | 11.7 | 8.7-15.6 | 4.3** | 2.4-7.4 | 8.0 | 5.4-11.6 | 2.2** | 1.3-3.9 | 245 |
| City of Mojokerto | 11.0 | 8.6-14.1 | 8.0 | 5.8-10.9 | 8.3 | 5.8-11.8 | 7.0 | 5.1-9.7 | 134 |
| City of Madiun | 12.8 | 10.0-16.2 | 5.5 | 3.6-8.2 | 10.6 | 8.0-14.0 | 7.5 | 5.5-10.2 | 182 |
| City of Surabaya | 1.6** | 0.9-3.1 | 4.1 | 2.7-6.3 | 5.7 | 3.7-8.7 | 6.4 | 4.8-8.5 | 2,605 |
| City of Batu | 23.1 | 19.5-27.1 | 2.8** | 1.7-4.8 | 12.8 | 9.9-16.3 | 3.9 | 2.4-6.2 | 225 |
| East Java | 17.7 | 17-18.3 | 6.8 | 6.4-7.2 | 13.3 | 12.7-13.9 | 4.3 | 4-4.7 | 39,162 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.16 Prevalence of Nutritional Status of Toddlers by Regency/City in Banten Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|---------------------------|--------------------------------|------------------|-------------|-----------------|-------------|------------------|------------|----------------|---------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Pandeglang | 28.6 | 24.6-32.9 | 9.7 | 7.7-12.3 | 22.1 | 18.7-26.0 | 3.9 | 2.5-5.9 | 1,482 |
| Lebak | 35.5 | 31.4-39.7 | 11.2 | 8.6-14.4 | 24.1 | 20.6-28.1 | 2.3** | 1.3-3.8 | 1,683 |
| Tangerang | 26.4 | 22.0-31.4 | 9.2 | 7.4-11.4 | 19.4 | 16.2-23.1 | 3.8 | 2.6-5.8 | 3,666 |
| Serang | 23.9 | 20.2-28.0 | 18.2 | 14.9-22.2 | 16.7 | 13.5-20.4 | 7.4 | 4.7-11.3 | 1,949 |
| City of Tangerang | 17.6 | 14.6-21.1 | 7.1 | 5.1-9.8 | 13.4 | 10.4-17.0 | 6.9 | 4.8-9.9 | 2,107 |
| City of Cilegon | 22.0 | 17.8-26.8 | 7.7 | 5.9-10.1 | 14.0 | 10.5-18.4 | 5.8 | 4.2-8.0 | 573 |
| City of Serang | 22.3 | 18.0-27.1 | 11.1 | 8.4-14.4 | 19.2 | 15.6-23.4 | 4.1 | 2.7-6.2 | 854 |
| City of Tangerang Selatan | 9.2 | 6.7-12.6 | 6.3 | 4.2-9.2 | 8.8 | 6.6-11.8 | 5.2 | 3.8-7.0 | 1,304 |
| Banten | 24.0 | 22.3-25.7 | 10.2 | 9.3-11.3 | 17.7 | 16.4-19.2 | 4.9 | 4.1-5.7 | 13,618 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.17 Prevalence of Nutritional Status of Toddlers by Regency/City in Bali Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|------------------|--------------------------------|------------------|------------|------------------|-------------|------------------|------------|------------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Jembrana | 8.7 | 6.4 - 11.8 | 3.2 | 2.0 - 5.0 | 6.9 | 4.8 - 9.8 | 3.2** | 1.9 - 5.2 | 329 |
| Tabanan | 6.3 | 4.6 - 8.6 | 3.3** | 2.0 - 5.6 | 6.7 | 4.2 - 10.5 | 4.9 | 3.4 - 7.1 | 392 |
| Badung | 4.9 | 3.2 - 7.6 | 1.7** | 0.8 - 3.6 | 3.5** | 2.0 - 5.9 | 5.9 | 4.1 - 8.4 | 531 |
| Gianyar | 6.3 | 4.6 - 8.5 | 2.3 | 1.4 - 3.7 | 5.8 | 4.1 - 8.0 | 5.1 | 3.7 - 7.0 | 487 |
| Klungkung | 4.9 | 3.2 - 7.5 | 1.4** | 0.7 - 2.7 | 3.7 | 2.5 - 5.5 | 4.7 | 3.3 - 6.6 | 211 |
| Bangli | 10.2 | 7.7 - 13.4 | 1.7** | 0.8 - 3.4 | 4.3 | 2.7 - 6.8 | 3.8 | 2.6 - 5.6 | 249 |
| Karangasem | 6.4 | 4.7 - 8.6 | 2.4** | 1.3 - 4.3 | 6.1 | 4.3 - 8.4 | 3.0** | 1.6 - 5.7 | 531 |
| Buleleng | 6.2 | 4.1 - 9.3 | 5.1** | 3.0 - 8.6 | 5.4 | 3.3 - 8.7 | 4.2 | 2.6 - 6.7 | 838 |
| City of Denpasar | 10.8 | 8.1 - 14.3 | 6.5** | 3.8 - 11.0 | 7.3 | 5.0 - 10.6 | 6.8 | 5.0 - 9.2 | 703 |
| Bali | 7.2 | 6.3 - 8.2 | 3.6 | 2.8 - 4.5 | 5.7 | 4.9 - 6.6 | 4.8 | 4.1 - 5.5 | 4,270 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.18 Prevalence of Nutritional Status of Toddlers by Regency/City in West Nusa Tenggara Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|---------------------------|--------------------------------|--------------------|------------|------------------|-------------|--------------------|------------|------------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| West Lombok | 19.9 | 16.1 - 24.2 | 7.5 | 5.3 - 10.5 | 17.8 | 14.1 - 22.2 | 1.0** | 0.4 - 2.6 | 933 |
| Lombok Central | 17.6 | 13.9 - 22.1 | 5.9 | 3.9 - 8.9 | 15.2 | 11.1 - 20.6 | 1.9** | 1.0 - 3.6 | 1,224 |
| East Lombok | 27.6 | 22.6 - 33.2 | 6.5 | 4.8 - 8.8 | 20.2 | 16.6 - 24.4 | 1.7** | 0.8 - 3.4 | 1,886 |
| Sumbawa | 25.7 | 22.2 - 29.6 | 9.5 | 7.3 - 12.3 | 22.8 | 19.0 - 27.0 | 1.0** | 0.4 - 2.3 | 603 |
| Dompu | 12.4 | 9.2 - 16.7 | 6.3 | 4.2 - 9.4 | 10.2 | 7.1 - 14.4 | 4.1** | 1.8 - 9.0 | 319 |
| Bima | 36.7 | 32.5 - 41.0 | 18.7 | 15.6 - 22.2 | 37.9 | 33.9 - 42.0 | 1.5** | 0.8 - 2.9 | 666 |
| West Sumbawa | 10.5 | 8.4 - 13.1 | 6.8 | 4.7 - 9.7 | 14.9 | 11.9 - 18.4 | 1.1** | 0.5 - 2.2 | 202 |
| North Lombok | 33.5 | 28.8 - 38.6 | 9.8 | 7.5 - 12.7 | 24.8 | 20.9 - 29.3 | 1.2** | 0.6 - 2.6 | 345 |
| City of Mataram | 25.6 | 21.2 - 30.5 | 9.6 | 7.3 - 12.6 | 19.2 | 15.7 - 23.4 | 3.0 | 1.9 - 4.6 | 531 |
| City of Bima | 31.8 | 28.2 - 35.6 | 12.4 | 10.0 - 15.3 | 30.6 | 27.6 - 33.9 | 0.9** | 0.4 - 2.1 | 213 |
| West Nusa Tenggara | 24.6 | 22.7 - 26.5 | 8.6 | 7.7 - 9.5 | 20.8 | 19.2 - 22.5 | 1.7 | 1.3 - 2.2 | 6,921 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.19 Prevalence of Nutritional Status of Toddlers by Regency/City in East Nusa Tenggara Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N | |
|---------------------------|--------------------------------|------------------|-------------|------------------|-------------|------------------|------------|----------------|--------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| West Sumba | 42.5 | 37.4 - 47.8 | 11.5 | 8.4 - 15.4 | 23.9 | 20.3 - 27.9 | 2.7** | 1.6 - 4.4 | 258 | |
| East Sumba | 26.3 | 22.5 - 30.5 | 13.7 | 11.0 - 17.0 | 24.1 | 20.7 - 27.8 | 3.3 | 2.1 - 5.0 | 386 | |
| Kupang | 38.4 | 33.8 - 43.1 | 12.2 | 9.4 - 15.7 | 32.9 | 28.8 - 37.3 | 1.9** | 1.0 - 3.4 | 483 | |
| South Timor Tengah | 50.1 | 45.2 - 55.1 | 14.5 | 11.9 - 17.6 | 34.0 | 29.3 - 38.9 | 4.7 | 3.3 - 6.6 | 601 | |
| North Timor Tengah | 42.7 | 37.8 - 47.7 | 13.1 | 10.0 - 16.9 | 35.1 | 30.3 - 40.3 | 1.6** | 0.5 - 4.7 | 359 | |
| Belu | 48.1 | 42.4 - 53.8 | 11.8 | 9.2 - 15.0 | 36.9 | 32.4 - 41.5 | 1.5** | 0.7 - 3.1 | 326 | |
| Alor | 39.3 | 34.7 - 44.2 | 13.3 | 10.5 - 16.7 | 31.7 | 27.5 - 36.2 | 3.2 | 2.0 - 5.0 | 325 | |
| Lembata | 35.1 | 31.5 - 38.9 | 15.4 | 11.8 - 19.7 | 29.9 | 25.9 - 34.1 | 2.4** | 1.3 - 4.1 | 205 | |
| East Flores | 37.2 | 33.1 - 41.5 | 18.4 | 14.8 - 22.6 | 31.3 | 26.9 - 36.0 | 1.8** | 1.0 - 3.5 | 376 | |
| Sikka | 33.3 | 29.9 - 36.9 | 17.0 | 13.7 - 20.9 | 26.3 | 22.1 - 30.9 | 2.2** | 1.3 - 3.6 | 461 | |
| Ende | 27.5 | 22.9 - 32.7 | 15.2 | 12.3 - 18.6 | 25.5 | 22.0 - 29.3 | 1.1** | 0.5 - 2.6 | 289 | |
| Ngada | 21.3 | 17.4 - 25.8 | 12.5 | 9.6 - 16.0 | 20.5 | 16.6 - 25.1 | 1.9** | 1.0 - 3.5 | 207 | |
| Manggarai | 36.8 | 30.2 - 44.0 | 12.6 | 9.5 - 16.5 | 28.2 | 24.0 - 32.7 | 2.3** | 1.0 - 5.1 | 468 | |
| Rote Ndao | 39.8 | 34.9 - 44.9 | 15.5 | 12.9 - 18.6 | 31.4 | 27.1 - 36.1 | 2.7** | 1.7 - 4.5 | 228 | |
| West Manggarai | 36.2 | 32.0 - 40.6 | 9.7 | 7.3 - 12.9 | 23.9 | 20.4 - 27.9 | 1.1** | 0.5 - 2.4 | 422 | |
| Central Sumba | 39.5 | 35.0 - 44.3 | 12.2 | 9.1 - 16.3 | 26.8 | 22.3 - 31.9 | 2.0** | 1.1 - 3.6 | 161 | |
| Sothwest Sumba | 44.3 | 40.4 - 48.2 | 12.6 | 9.6 - 16.3 | 29.7 | 26.0 - 33.8 | 4.4 | 2.9 - 6.8 | 540 | |
| Nagekeo | 24.9 | 21.0 - 29.3 | 11.9 | 9.0 - 15.5 | 21.3 | 18.0 - 25.0 | 1.4** | 0.6 - 3.2 | 201 | |
| East Manggarai | 43.7 | 38.8 - 48.8 | 13.3 | 10.5 - 16.7 | 35.7 | 31.3 - 40.5 | 2.0** | 1.1 - 3.5 | 387 | |
| Sabu Raijua | 36.9 | 32.4 - 41.6 | 21.7 | 17.4 - 26.7 | 39.7 | 35.6 - 43.9 | 0.8** | 0.3 - 1.8 | 150 | |
| Malaka | 47.7 | 43.4 - 52.0 | 13.8 | 10.8 - 17.6 | 36.2 | 30.5 - 42.3 | 2.8** | 1.4 - 5.6 | 246 | |
| City of Kupang | 29.9 | 26.2 - 33.9 | 12.1 | 9.3 - 15.5 | 26.8 | 22.7 - 31.2 | 3.3** | 2.0 - 5.4 | 683 | |
| East Nusa Tenggara | 37.9 | 36.8-39.0 | 13.6 | 12.8-14.3 | 29.7 | 28.7-30.7 | 2.5 | 2.2-2.9 | 7,762 | |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.20 Prevalence of Nutritional Status of Toddlers by Regency/City in West Kalimantan Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N | |
|------------------------|--------------------------------|------------------|-------------|------------------|-------------|------------------|------------|----------------|--------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Sambas | 30.8 | 26.8-35.1 | 16.0 | 12.7-19.8 | 27.3 | 23.5-31.6 | 7.3 | 4.9-10.6 | 773 | |
| Bengkayang | 32.7 | 28.3-37.4 | 15.3 | 12.3-19 | 25.0 | 21-29.5 | 4.3** | 2.3-8.2 | 360 | |
| Landak | 31.0 | 26.7-35.7 | 14.6 | 11.5-18.5 | 25.1 | 21.1-29.6 | 4.2 | 2.9-5.9 | 506 | |
| Mempawah | 27.2 | 23.5-31.2 | 15.8 | 12.7-19.6 | 28.0 | 24.5-31.9 | 6.2 | 4.1-9.2 | 375 | |
| Sanggau | 22.1 | 18.5-26.2 | 11.9 | 9.3-15 | 18.4 | 14.9-22.6 | 4.4 | 2.8-6.9 | 590 | |
| Ketapang | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | | |
| Sintang | 24.8 | 18.5-32.4 | 9.3 | 6.1-14 | 17.6 | 12.2-24.8 | 6.2** | 3.5-10.7 | 534 | |
| Kapuas Hulu | 16.7 | 11.1-24.4 | 21.1 | 16-27.2 | 20.3 | 15.5-26.2 | 4.3** | 2.3-7.8 | 309 | |
| Sekadau | 12.2 | 9.3-15.9 | 11.7 | 9.1-15.1 | 14.1 | 11-17.9 | 4.3 | 2.7-6.7 | 257 | |
| Melawi | 35.3 | 30.6-40.3 | 16.1 | 12.3-20.9 | 30.8 | 25.9-36.3 | 4.7 | 3-7.3 | 284 | |
| North Kayong | 22.9 | 18.2-28.3 | 13.7 | 9.8-18.8 | 16.2 | 12.5-20.7 | 6.7 | 4.7-9.3 | 166 | |
| Kubu Raya | 25.4 | 21.3-30.1 | 13.6 | 10.4-17.6 | 22.6 | 18.2-27.7 | 4.1** | 2.4-6.8 | 778 | |
| City of Pontianak | 16.7 | 14-19.8 | 10.9 | 7.4-15.7 | 16.5 | 13.5-20.1 | 5.3 | 3.6-7.6 | 762 | |
| City of Singkawang | 20.1 | 16.2-24.8 | 17.8 | 14-22.2 | 23.8 | 20.1-28.1 | 3.7** | 1.7-7.6 | 325 | |
| West Kalimantan | 24.5 | 23.2-25.9 | 13.3 | 12.3-14.4 | 21.1 | 19.8-22.4 | 5.5 | 4.8-6.3 | 6,703 | |

* N/A : Response Rate Blok Sensus (RR BS) or Household Response Rate (RR Ruta) of Toddlers < 70%

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.21 Prevalence of Nutritional Status of Toddlers by Regency/City in Central Kalimantan Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|---------------------------|--------------------------------|------------------|------------|-----------------|-------------|------------------|------------|--------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| West Kotawaringin | 17.9 | 14.2-22.4 | 7.7 | 5.5-10.6 | 14.7 | 11.4-18.8 | 6.7 | 4.7-9.3 | 342 |
| East Kotawaringin | 35.5 | 28.9-42.7 | 9.0 | 6.1-13.1 | 23.1 | 18-29 | 9.2** | 5.1-16 | 494 |
| Kapuas | 16.2 | 12.1-21.4 | 9.2** | 5-16.5 | 15.8 | 10.4-23.1 | 5.2** | 2.3-11 | 483 |
| South Barito | 23.9 | 20.3-28 | 11.8 | 7.7-17.8 | 27.0 | 22.4-32.1 | 3.9** | 2.2-6.8 | 155 |
| North Barito | 15.3 | 10.4-21.8 | 2.5** | 1.3-4.8 | 5.8 | 3.6-9.4 | 10.9 | 6.6-17.5 | 191 |
| Sukamara | 29.1 | 22.9-36.2 | 9.8 | 6.1-15.3 | 18.3 | 13-25.2 | 7.5** | 4.2-12.9 | 81 |
| Lamandau | 13.2 | 8.7-19.5 | 7.4 | 5.2-10.5 | 10.7 | 7.8-14.4 | 6.7 | 4.8-9.3 | 121 |
| Seruyan | 25.8 | 19.1-33.9 | 9.0 | 6-13.3 | 21.0 | 15-28.6 | 6.5 | 4.4-9.6 | 201 |
| Katingan | 34.0 | 29.6-38.8 | 12.0 | 8.8-16.2 | 25.2 | 20.7-30.3 | 5.6 | 3.5-8.8 | 211 |
| Pulang Pisau | 24.0 | 18.3-31 | 12.6 | 8.9-17.4 | 19.4 | 14.7-25.2 | 7.2 | 4.8-10.6 | 159 |
| Gunung Mas | 12.9 | 9.5-17.4 | 4.6 | 2.9-7 | 5.9 | 4.2-8.4 | 2.5** | 1.4-4.3 | 180 |
| Barito Timur | 21.7 | 16.5-27.9 | 9.7 | 6.6-13.8 | 20.9 | 16.9-25.5 | 6.0 | 4-8.9 | 133 |
| Murung Raya | 21.0 | 16.6-26.2 | 7.2 | 4.9-10.7 | 19.0 | 15.4-23.1 | 4.5** | 2.4-8.5 | 151 |
| City of Palangka Raya | 28.0 | 22.4-34.3 | 11.9 | 8.8-15.9 | 17.6 | 13.6-22.6 | 12.4 | 7.9-19 | 368 |
| Central Kalimantan | 23.5 | 21.8-25.4 | 9.0 | 7.9-10.3 | 17.7 | 16.2-19.4 | 7.2 | 6-8.6 | 3,270 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.22 Prevalence of Nutritional Status of Toddlers by Regency/City in South Kalimantan Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|---------------------------|--------------------------------|------------------|-------------|------------------|-------------|------------------|------------|----------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Tanah Laut | 41.7 | 35.8-47.9 | 11.2 | 8.1-15.4 | 22.8 | 18.7-27.4 | 9.9 | 7.8-12.7 | 415 |
| Kota Baru | 20.1 | 15.8-25.2 | 10.9 | 8.5-13.7 | 19.0 | 15.3-23.4 | 4.3 | 2.9-6.3 | 410 |
| Banjar | 30.1 | 25.9-34.6 | 11.5 | 9.1-14.4 | 27.9 | 23.8-32.4 | 2.2** | 1.2-3.8 | 677 |
| Barito Kuala | 15.9 | 12.7-19.8 | 13.6 | 9.9-18.3 | 17.0 | 13.2-21.6 | 2.9** | 1.8-4.8 | 361 |
| Tapin | 14.4 | 11.0-18.6 | 7.8 | 5.7-10.6 | 15.0 | 11.5-19.3 | 6.8 | 4.3-10.6 | 220 |
| Hulu Sungai Selatan | 25.4 | 21.2-30.1 | 13.6 | 10.3-17.8 | 21.5 | 17.6-26.1 | 2.6** | 1.6-4.4 | 268 |
| Hulu Sungai Tengah | 13.0 | 10.7-15.6 | 9.3 | 6.8-12.5 | 18.9 | 15.2-23.3 | 2.2 | 1.4-3.6 | 299 |
| Hulu Sungai Utara | 36.0 | 30.0-42.5 | 11.8 | 8.9-15.4 | 32.2 | 27.3-37.5 | 6.0 | 3.9-8.9 | 286 |
| Tabalong | 18.1 | 14.5-22.4 | 9.3 | 6.7-12.7 | 17.9 | 14.2-22.3 | 3.7 | 2.3-6.0 | 326 |
| Tanah Bumbu | 25.1 | 20.6-30.3 | 12.6 | 9.7-16.2 | 20.8 | 16.9-25.4 | 6.4 | 4.2-9.5 | 439 |
| Balangan | 33.4 | 29.2-38.0 | 11.7 | 8.3-16.2 | 21.1 | 17.0-25.9 | 4.2** | 2.5-7.0 | 167 |
| City of Banjarmasin | 26.5 | 22.6-30.9 | 18.4 | 14.4-23.2 | 21.9 | 17.3-27.4 | 6.1 | 4.3-8.8 | 724 |
| City of Banjar Baru | 12.4 | 9.8-15.5 | 12.0 | 8.7-16.4 | 16.1 | 12.8-20.2 | 4.2** | 2.4-7.5 | 332 |
| Kalimantan Selatan | 24.7 | 23.3-26.1 | 12.4 | 11.4-13.5 | 21.5 | 20.2-22.9 | 4.8 | 4.2-5.4 | 4,923 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.23 Prevalence of Nutritional Status of Toddlers by Regency/City in East Kalimantan Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N | |
|------------------------|--------------------------------|------------------|-------------|---------------|-------------|------------------|------------|----------------|--------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Paser | 22.4 | 18.1-27.3 | 10.7 | 7.9-14.4 | 22.0 | 18.2-26.4 | 3.4** | 2-5.6 | 338 | |
| West Kutai | 22.0 | 17.4-27.3 | 12.2 | 8.5-17.2 | 18.9 | 14.4-24.4 | 9.5 | 6.8-13.1 | 189 | |
| Kutai Kartanegara | 17.6 | 14.3-21.5 | 9.3 | 6.3-13.4 | 16.5 | 12.8-21.1 | 4.0 | 2.7-5.8 | 851 | |
| East Kutai | 29.0 | 23.6-35.1 | 9.6 | 6.2-14.5 | 18.5 | 14-24 | 3.8** | 2.3-6.4 | 501 | |
| Berau | 23.0 | 19.5-27 | 7.1 | 5.5-9.1 | 19.4 | 16.6-22.5 | 4.9 | 3.2-7.4 | 306 | |
| North Penajam Paser | 24.6 | 20.7-28.9 | 9.2 | 6.9-12.2 | 18.8 | 15.4-22.7 | 2.3** | 1.3-4.1 | 239 | |
| Mahakam Hulu | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | | |
| City of Balikpapan | 21.6 | 17.7-26.1 | 10.4 | 8-13.3 | 18.2 | 15.4-21.3 | 4.2 | 2.7-6.3 | 820 | |
| City of Samarinda | 24.4 | 20.4-28.9 | 11.8 | 9.1-15.1 | 16.7 | 13.1-21 | 6.1 | 4.5-8.3 | 901 | |
| City of Bontang | 27.4 | 22.9-32.4 | 10.7 | 8-14.3 | 19.1 | 15.4-23.5 | 5.3 | 3.5-7.8 | 238 | |
| East Kalimantan | 22.9 | 21.3-24.6 | 10.1 | 9-11.4 | 18.0 | 16.6-19.5 | 4.7 | 4.1-5.4 | 4,420 | |

*N/A : Response Rate Blok Sensus (RR BS) or Household Response Rate (RR Ruta) of Toddlers < 70%

Table 15.24 Prevalence of Nutritional Status of Toddlers by Regency/City in North Kalimantan Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N | |
|-------------------------|--------------------------------|------------------|------------|-----------------|-------------|------------------|------------|----------------|------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Malinau | 20.5 | 16.7-24.9 | 12.1 | 8.9-16.1 | 18.3 | 14.2-23.4 | 6.3 | 4.3-9.2 | 100 | |
| Bulungan | 22.6 | 18.1-27.9 | 11.6 | 7.9-16.8 | 20.0 | 15.7-25.1 | 6.6 | 4.2-10.2 | 182 | |
| Tana Tidung | 15.1 | 10.5-21.2 | 4.4 | 2.7-6.9 | 9.0 | 5.5-14.2 | 1.7** | 0.8-3.5 | 39 | |
| Nunukan | 15.8 | 12.4-19.9 | 7.6 | 5.1-11 | 14.1 | 10.5-18.7 | 3.3** | 2-5.7 | 238 | |
| City of Tarakan | 14.8 | 11.1-19.5 | 7.4 | 5.5-9.9 | 13.2 | 10.5-16.5 | 3.7 | 2.4-5.7 | 309 | |
| North Kalimantan | 17.4 | 15.3-19.6 | 8.7 | 7.3-10.4 | 15.3 | 13.4-17.3 | 4.4 | 3.5-5.5 | 867 | |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.25 Prevalence of Nutritional Status of Toddlers by Regency/City in North Sulawesi Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N | |
|-------------------------|--------------------------------|--------------------|------------|-------------------|-------------|--------------------|------------|------------------|--------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Bolang Mongondow | 24.8 | 20.5 - 29.7 | 10.5 | 8.0 - 13.7 | 20.1 | 16.5 - 24.3 | 3.7 | 2.4 - 5.5 | 257 | |
| Minahasa | 23.1 | 17.8 - 29.4 | 5.0** | 2.9 - 8.4 | 7.4 | 4.6 - 11.7 | 9.0 | 5.6 - 14.1 | 329 | |
| Sangihe Talaud | 19.0 | 14.9 - 23.8 | 13.8 | 10.7 - 17.5 | 21.2 | 17.1 - 26.0 | 1.9** | 1.0 - 3.7 | 132 | |
| Talaud Islands | 19.3 | 15.0 - 24.6 | 8.7 | 6.1 - 12.2 | 17.0 | 12.9 - 22.1 | 3.5** | 1.8 - 6.9 | 96 | |
| South Minahasa | 26.4 | 21.6 - 31.8 | 8.5 | 6.1 - 11.9 | 11.6 | 8.7 - 15.2 | 6.6 | 4.4 - 10.0 | 228 | |
| North Minahasa | 10.9 | 7.4 - 15.7 | 8.1 | 5.7 - 11.3 | 9.2 | 6.9 - 12.1 | 5.7 | 3.6 - 8.7 | 231 | |
| North Bolaang Mangondow | 27.8 | 23.6 - 32.3 | 23.0 | 18.9 - 27.7 | 32.4 | 28.2 - 36.9 | 1.7** | 0.9 - 3.2 | 98 | |
| Siau Tagulandang Biaro | 24.9 | 20.5 - 29.8 | 10.2 | 6.8 - 14.9 | 16.2 | 11.8 - 21.8 | 6.7** | 4.0 - 10.8 | 66 | |
| Minahasa Tenggara | 15.0 | 11.6 - 19.3 | 14.1 | 10.1 - 19.4 | 11.0 | 7.5 - 15.9 | 7.2 | 5.2 - 9.8 | 131 | |
| South Bolaang Mongondow | 33.0 | 27.3 - 39.2 | 15.7 | 12.6 - 19.4 | 23.7 | 20.0 - 27.9 | 5.1 | 3.3 - 7.8 | 86 | |
| East Bolaang Mongondow | 28.4 | 22.8 - 34.7 | 5.4** | 3.2 - 9.2 | 14.1 | 10.0 - 19.7 | 5.0 | 3.2 - 7.7 | 93 | |
| City of Manado | 21.8 | 15.7 - 29.3 | 9.2** | 5.4 - 15.3 | 13.8 | 9.8 - 19.1 | 4.9** | 2.5 - 9.3 | 473 | |
| City of Bitung | 19.5 | 15.4 - 24.4 | 6.4 | 4.1 - 9.8 | 15.3 | 11.6 - 20.0 | 4.5** | 2.5 - 8.1 | 251 | |
| City of Tomohon | 10.5 | 7.6 - 14.3 | 1.9** | 1.0 - 3.8 | 5.6 | 3.5 - 8.7 | 7.7 | 5.4 - 10.8 | 108 | |
| City of Mabagu | 20.5 | 14.3 - 28.5 | 10.8** | 6.5 - 17.6 | 13.2 | 9.1 - 18.9 | 5.5 | 3.5 - 8.6 | 137 | |
| NORTH SULAWESI | 21.3 | 19.6 - 23.1 | 9.2 | 8.2 - 10.4 | 14.2 | 13.0 - 15.5 | 5.4 | 4.6 - 6.4 | 2,714 | |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.26 Prevalence of Nutritional Status of Toddlers by Regency/City in Central Sulawesi Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|-------------------------|--------------------------------|--------------------|-------------|--------------------|-------------|--------------------|------------|------------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Banggai Islands | 27.7 | 24.0 - 31.7 | 11.5 | 8.7 - 15.0 | 23.8 | 20.0 - 28.1 | 1.6** | 0.8 - 3.1 | 141 |
| Banggai | 29.1 | 23.8 - 35.1 | 9.7 | 7.5 - 12.6 | 22.7 | 18.6 - 27.5 | 2.9** | 1.7 - 4.9 | 436 |
| Morowali | 26.0 | 20.3 - 32.7 | 9.5 | 6.4 - 13.9 | 21.2 | 16.9 - 26.2 | 3.8** | 2.1 - 6.9 | 229 |
| Poso | 26.5 | 22.4 - 30.9 | 10.0 | 7.3 - 13.6 | 18.9 | 15.6 - 22.7 | 3.8 | 2.5 - 5.8 | 275 |
| Donggala | 34.1 | 29.8 - 38.8 | 13.6 | 11.2 - 16.5 | 31.5 | 27.4 - 35.8 | 1.9** | 1.2 - 3.2 | 336 |
| Toli-toli | 29.0 | 25.4 - 32.9 | 22.9 | 19.4 - 26.8 | 33.2 | 28.7 - 38.0 | 2.6** | 1.5 - 4.4 | 300 |
| Buol | 30.0 | 25.2 - 35.4 | 15.1 | 11.1 - 20.2 | 26.0 | 21.1 - 31.7 | 2.2** | 1.2 - 3.8 | 213 |
| Parigi Moutong | 28.5 | 23.2 - 34.5 | 12.7 | 9.8 - 16.2 | 23.8 | 18.7 - 29.9 | 2.3** | 1.2 - 4.3 | 507 |
| Tojo Una-Una | 21.3 | 17.7 - 25.4 | 18.6 | 15.2 - 22.5 | 29.1 | 24.9 - 33.6 | 1.2** | 0.4 - 3.4 | 212 |
| Sigi | 26.4 | 22.5 - 30.7 | 12.2 | 9.1 - 16.0 | 24.4 | 20.5 - 28.6 | 2.7 | 1.6 - 4.3 | 317 |
| Banggai laut | 25.6 | 21.3 - 30.4 | 11.9 | 8.7 - 16.1 | 23.9 | 20.0 - 28.2 | 2.4** | 1.3 - 4.3 | 92 |
| North Morowali | 24.7 | 20.0 - 30.2 | 10.7 | 8.0 - 14.1 | 16.8 | 13.4 - 20.8 | 5.8** | 3.5 - 9.6 | 149 |
| City of Palu | 22.1 | 17.8 - 27.1 | 10.9 | 8.3 - 14.2 | 20.5 | 16.1 - 25.8 | 2.1** | 1.1 - 3.9 | 493 |
| CENTRAL SULAWESI | 27.2 | 25.7 - 28.7 | 12.9 | 12.0 - 13.9 | 24.4 | 23.0 - 25.8 | 2.6 | 2.2 - 3.1 | 3,700 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.27 Prevalence of Nutritional Status of Toddlers by Regency/City in South Sulawesi Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|-----------------------|--------------------------------|--------------------|------------|------------------|-------------|--------------------|------------|------------------|---------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Selayar | 31.3 | 26.8 - 36.1 | 9.2 | 6.8 - 12.2 | 21.7 | 18.1 - 25.7 | 5.4 | 3.3 - 8.7 | 147 |
| Bulukumba | 33.7 | 30.4 - 37.2 | 8.8 | 7.0 - 10.9 | 20.0 | 17.1 - 23.3 | 4.1 | 2.9 - 5.8 | 479 |
| Bantaeng | 15.8 | 11.9 - 20.7 | 4.8 | 3.2 - 7.2 | 11.0 | 7.4 - 16.0 | 3.0 | 1.9 - 4.8 | 227 |
| Jeneponto | 36.3 | 31.7 - 41.2 | 8.7 | 5.7 - 13.2 | 27.3 | 22.1 - 33.2 | 2.3** | 1.4 - 3.9 | 459 |
| Takalar | 35.4 | 31.3 - 39.8 | 13.4 | 10.4 - 17.0 | 29.5 | 25.3 - 34.1 | 1.5** | 0.8 - 2.9 | 380 |
| Gowa | 21.1 | 17.3 - 25.3 | 11.1 | 8.6 - 14.2 | 18.7 | 14.9 - 23.2 | 3.9 | 2.6 - 5.8 | 909 |
| Sinjai | 33.5 | 29.3 - 38.0 | 7.6 | 5.5 - 10.5 | 22.3 | 19.1 - 25.9 | 2.8** | 1.6 - 4.7 | 314 |
| Maros | 34.7 | 29.5 - 40.3 | 8.1 | 6.0 - 10.9 | 22.1 | 18.5 - 26.3 | 5.5 | 3.5 - 8.4 | 489 |
| Pangkajene Islands | 30.0 | 26.0 - 34.4 | 10.8 | 8.4 - 13.8 | 26.4 | 21.9 - 31.4 | 1.6** | 0.9 - 3.0 | 408 |
| Barru | 22.1 | 17.9 - 26.9 | 11.2 | 9.0 - 13.9 | 22.5 | 19.0 - 26.5 | 2.6** | 1.6 - 4.3 | 208 |
| Bone | 26.0 | 21.4 - 31.2 | 9.9 | 7.5 - 13.0 | 19.8 | 16.1 - 24.1 | 4.0 | 2.5 - 6.2 | 859 |
| Soppeng | 24.0 | 19.6 - 29.1 | 7.3 | 5.5 - 9.7 | 20.4 | 17.2 - 24.1 | 3.5 | 2.3 - 5.4 | 236 |
| Wajo | 27.4 | 23.8 - 31.2 | 11.0 | 8.5 - 14.2 | 23.9 | 20.8 - 27.3 | 3.5** | 2.1 - 5.7 | 382 |
| Sidenreng Rappang | 26.4 | 22.3 - 31.0 | 8.1 | 5.6 - 11.8 | 15.1 | 11.6 - 19.5 | 5.4** | 3.1 - 9.3 | 359 |
| Pinrang | 17.6 | 14.4 - 21.5 | 7.4 | 5.3 - 10.3 | 14.4 | 10.8 - 18.9 | 3.0** | 1.8 - 5.2 | 487 |
| Enrekang | 34.9 | 30.8 - 39.2 | 4.1 | 2.8 - 5.9 | 15.5 | 12.6 - 18.8 | 2.9 | 1.9 - 4.6 | 276 |
| Luwu | 32.1 | 27.9 - 36.6 | 10.0 | 8.0 - 12.4 | 18.6 | 15.7 - 21.9 | 6.1 | 4.2 - 8.8 | 448 |
| Tana Toraja | 36.9 | 31.8 - 42.4 | 3.7 | 2.4 - 5.7 | 13.8 | 11.1 - 16.9 | 5.5 | 3.7 - 8.2 | 331 |
| North Luwu | 15.5 | 12.4 - 19.2 | 6.5 | 4.8 - 8.9 | 15.6 | 12.6 - 19.1 | 3.6 | 2.3 - 5.5 | 394 |
| East Luwu | 26.0 | 22.4 - 29.9 | 8.1 | 5.8 - 11.2 | 19.1 | 15.5 - 23.2 | 5.2 | 3.8 - 7.2 | 397 |
| North Toraja | 28.7 | 25.4 - 32.1 | 3.2** | 1.9 - 5.3 | 14.6 | 11.9 - 17.9 | 2.7** | 1.6 - 4.4 | 360 |
| City of Makassar | 25.6 | 21.4 - 30.3 | 11.2 | 8.5 - 14.6 | 21.6 | 18.3 - 25.4 | 4.5 | 2.8 - 7.0 | 1,590 |
| City of Parepare | 26.7 | 21.9 - 32.2 | 10.7 | 7.9 - 14.3 | 20.1 | 16.0 - 25.0 | 7.0 | 4.4 - 10.9 | 205 |
| City of Palopo | 25.5 | 20.8 - 30.9 | 11.7 | 8.9 - 15.4 | 20.6 | 16.9 - 24.9 | 3.2** | 1.8 - 5.5 | 252 |
| SOUTH SULAWESI | 27.4 | 26.3 - 28.5 | 9.1 | 8.4 - 9.8 | 20.1 | 19.1 - 21.0 | 3.9 | 3.5 - 4.4 | 10,595 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.28 Prevalence of Nutritional Status of Toddlers by Regency/City in Southeast Sulawesi Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|---------------------------|--------------------------------|--------------------|-------------|--------------------|-------------|--------------------|------------|------------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Buton | 37.2 | 32.9 - 41.8 | 12.8 | 10.0 - 16.1 | 30.5 | 26.6 - 34.7 | 2.4 | 1.5 - 3.9 | 171 |
| Muna | 29.2 | 25.9 - 32.7 | 9.7 | 7.6 - 12.3 | 21.6 | 18.5 - 24.9 | 2.0** | 1.1 - 3.6 | 288 |
| Konawe | 27.8 | 24.0 - 31.9 | 14.4 | 11.0 - 18.7 | 22.2 | 18.0 - 27.1 | 5.5 | 3.5 - 8.6 | 352 |
| Kolaka | 23.8 | 20.3 - 27.8 | 11.7 | 8.4 - 16.2 | 19.0 | 15.6 - 22.9 | 4.0 | 2.6 - 6.0 | 298 |
| South Konawe | 33.6 | 29.4 - 38.0 | 15.1 | 11.8 - 19.2 | 29.0 | 24.9 - 33.4 | 6.7 | 4.7 - 9.4 | 413 |
| Bombana | 30.4 | 24.9 - 36.4 | 12.3 | 10.2 - 14.8 | 28.9 | 25.0 - 33.3 | 1.5** | 0.8 - 2.9 | 217 |
| Wakatobi | 31.9 | 27.2 - 36.9 | 11.3 | 9.1 - 13.9 | 23.9 | 20.2 - 28.0 | 4.1 | 2.6 - 6.2 | 158 |
| North Kolaka | 31.8 | 27.7 - 36.3 | 14.7 | 11.5 - 18.4 | 25.9 | 21.0 - 31.5 | 3.2 | 2.0 - 5.1 | 186 |
| North Buton | 33.9 | 29.4 - 38.8 | 9.3 | 7.0 - 12.3 | 23.7 | 20.1 - 27.8 | 3.6 | 2.3 - 5.4 | 95 |
| North Konawe | 24.7 | 20.5 - 29.6 | 9.6 | 6.5 - 13.7 | 19.9 | 15.8 - 24.7 | 5.0 | 3.2 - 7.7 | 104 |
| East Kolaka | 31.3 | 23.9 - 39.8 | 9.8 | 7.2 - 13.1 | 15.4 | 10.1 - 22.7 | 11.6 | 8.3 - 15.9 | 160 |
| Konawe Islands | 31.3 | 26.1 - 37.0 | 12.2 | 8.9 - 16.4 | 22.6 | 18.1 - 27.8 | 5.4 | 3.7 - 7.8 | 53 |
| West Muna | 24.4 | 21.0 - 28.1 | 5.2 | 3.7 - 7.2 | 15.1 | 12.4 - 18.3 | 1.6** | 0.8 - 3.2 | 121 |
| Central Buton | 36.8 | 31.2 - 42.8 | 10.8 | 8.0 - 14.5 | 30.3 | 25.6 - 35.6 | 1.3** | 0.7 - 2.4 | 163 |
| South Buton | 37.1 | 31.3 - 43.2 | 17.7 | 13.9 - 22.3 | 36.2 | 27.9 - 45.4 | 2.3** | 1.2 - 4.2 | 145 |
| City of Kendari | 25.7 | 20.7 - 31.5 | 9.4 | 6.3 - 13.8 | 19.9 | 15.9 - 24.7 | 5.5** | 2.9 - 10.4 | 458 |
| City of Baubau | 29.7 | 25.1 - 34.7 | 15.0 | 12.1 - 18.4 | 23.7 | 19.8 - 28.0 | 2.9** | 1.7 - 4.8 | 224 |
| SOUTHEAST SULAWESI | 30.0 | 28.8 - 31.3 | 12.1 | 11.2 - 13.1 | 23.9 | 22.7 - 25.2 | 4.3 | 3.6 - 5.0 | 3,607 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.29 Prevalence of Nutritional Status of Toddlers by Regency/City in Gorontalo Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|-------------------|--------------------------------|--------------------|-------------|--------------------|-------------|--------------------|------------|------------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Boalemo | 16.0 | 13.0 - 19.4 | 12.6 | 10.1 - 15.6 | 18.1 | 14.4 - 22.6 | 1.1** | 0.5 - 2.5 | 185 |
| Gorontalo | 34.7 | 30.2 - 39.5 | 13.8 | 10.5 - 18.0 | 24.9 | 20.6 - 29.7 | 5.1 | 3.3 - 7.7 | 468 |
| Pohuwato | 18.4 | 15.2 - 22.2 | 15.4 | 12.2 - 19.3 | 23.0 | 18.6 - 28.1 | 2.8 | 1.7 - 4.5 | 179 |
| Bone Bolango | 27.1 | 22.8 - 32.0 | 11.0 | 8.3 - 14.3 | 22.3 | 17.8 - 27.6 | 3.4 | 2.2 - 5.3 | 199 |
| North Gorontalo | 30.5 | 25.6 - 35.7 | 14.1 | 10.6 - 18.4 | 26.3 | 21.7 - 31.3 | 4.8** | 2.8 - 8.0 | 157 |
| City of Gorontalo | 23.6 | 19.7 - 28.0 | 9.1 | 6.8 - 12.0 | 15.3 | 11.8 - 19.6 | 7.6 | 5.7 - 10.0 | 235 |
| GORONTALO | 26.9 | 25.0 - 28.8 | 12.7 | 11.2 - 14.4 | 22.0 | 20.0 - 24.1 | 4.4 | 3.6 - 5.4 | 1,423 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.30 Prevalence of Nutritional Status of Toddlers by Regency/City in West Sulawesi Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|----------------------|--------------------------------|--------------------|------------|-------------------|-------------|--------------------|------------|------------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Majene | 30.5 | 26.9 - 34.3 | 9.1 | 7.2 - 11.5 | 23.8 | 20.1 - 28.0 | 1.1** | 0.5 - 2.3 | 261 |
| Polewali Mandar | 28.1 | 23.0 - 33.8 | 8.3 | 6.3 - 10.9 | 23.8 | 20.1 - 27.9 | 1.5** | 0.6 - 3.8 | 625 |
| Mamasa | 37.6 | 33.0 - 42.4 | 6.5 | 4.3 - 9.8 | 19.2 | 15.9 - 23.0 | 3.1** | 1.7 - 5.5 | 211 |
| Mamuju | 32.8 | 27.7 - 38.3 | 9.9 | 7.4 - 13.1 | 23.3 | 19.7 - 27.5 | 2.4** | 1.4 - 3.8 | 399 |
| Pasangkayu | 27.9 | 23.6 - 32.6 | 10.1 | 7.8 - 13.0 | 19.0 | 14.7 - 24.1 | 4.3 | 2.7 - 6.7 | 263 |
| Central Mamuju | 27.9 | 23.6 - 32.6 | 15.6 | 12.2 - 19.7 | 28.8 | 24.5 - 33.5 | 4.0 | 2.5 - 6.3 | 202 |
| WEST SULAWESI | 30.3 | 28.1 - 32.6 | 9.5 | 8.4 - 10.8 | 23.1 | 21.3 - 24.9 | 2.4 | 1.9 - 3.2 | 1,960 |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.31 Prevalence of Nutritional Status of Toddlers by Regency/City in Maluku Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N | |
|------------------|--------------------------------|--------------------|-------------|--------------------|-------------|--------------------|------------|------------------|--------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Tanimbar Islands | 25.1 | 19.2 - 32.1 | 14.4 | 10.9 - 18.8 | 24.1 | 19.9 - 29.0 | 4.5 | 2.8 - 7.1 | 169 | |
| Southeast Maluku | 34.0 | 28.6 - 39.9 | 8.0 | 5.5 - 11.5 | 23.5 | 19.1 - 28.5 | 1.7** | 0.7 - 3.9 | 153 | |
| Central Maluku | 29.4 | 25.0 - 34.2 | 14.4 | 11.6 - 17.8 | 26.0 | 21.5 - 31.1 | 2.1** | 1.2 - 3.4 | 481 | |
| Buru | 20.3 | 15.6 - 25.9 | 12.1 | 9.2 - 15.9 | 19.0 | 14.9 - 24.0 | 0.7** | 0.3 - 1.9 | 180 | |
| Aru Islands | 40.6 | 35.7 - 45.6 | 21.5 | 17.8 - 25.8 | 34.5 | 30.0 - 39.3 | 5.0 | 3.3 - 7.5 | 145 | |
| West Seram | 31.4 | 27.0 - 36.1 | 20.4 | 16.3 - 25.2 | 29.8 | 25.4 - 34.6 | 0.9** | 0.4 - 1.9 | 314 | |
| East Seram | 27.5 | 20.5 - 35.7 | 22.9 | 16.7 - 30.5 | 28.9 | 20.5 - 38.9 | 4.8** | 2.6 - 8.8 | 197 | |
| Southwest Maluku | 29.9 | 24.3 - 36.2 | 20.0 | 15.7 - 25.1 | 31.7 | 26.1 - 38.0 | 0.7** | 0.2 - 2.2 | 122 | |
| Buru Selatan | 35.5 | 29.1 - 42.6 | 12.5 | 8.8 - 17.3 | 20.6 | 15.3 - 27.2 | 10.0 | 6.3 - 15.6 | 114 | |
| City of Ambon | 20.7 | 17.1 - 24.8 | 12.1 | 9.6 - 15.3 | 18.5 | 15.2 - 22.3 | 2.2** | 1.0 - 4.7 | 426 | |
| City of Tual | 32.0 | 27.6 - 36.8 | 11.9 | 8.9 - 15.6 | 25.4 | 21.9 - 29.3 | 3.6 | 2.2 - 5.7 | 119 | |
| MALUKU | 28.4 | 26.7 - 30.1 | 15.4 | 14.1 - 16.7 | 25.1 | 23.5 - 26.8 | 2.8 | 2.3 - 3.4 | 2,418 | |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.32 Prevalence of Nutritional Status of Toddlers by Regency/City in North Maluku Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N | |
|------------------------|--------------------------------|--------------------|-------------|--------------------|-------------|--------------------|------------|------------------|--------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| West Halmahera | 26.1 | 21.1 - 31.8 | 15.8 | 11.3 - 21.7 | 25.6 | 20.3 - 31.7 | 0.9** | 0.3 - 2.2 | 157 | |
| Central Halmahera | 29.5 | 24.0 - 35.6 | 12.9 | 9.5 - 17.4 | 24.7 | 18.7 - 31.8 | 3.5** | 1.7 - 6.9 | 82 | |
| Sula Islands | 18.8 | 14.4 - 24.1 | 20.1 | 15.1 - 26.3 | 22.2 | 17.1 - 28.4 | 1.5** | 0.8 - 2.9 | 136 | |
| South Halmahera | 30.4 | 25.6 - 35.8 | 15.6 | 12.0 - 20.2 | 21.8 | 18.0 - 26.1 | 4.4 | 2.9 - 6.6 | 326 | |
| North Halmahera | 24.3 | 19.6 - 29.8 | 18.3 | 13.2 - 24.8 | 27.1 | 22.5 - 32.3 | 2.6** | 1.5 - 4.5 | 255 | |
| East Halmahera | 19.0 | 15.6 - 22.8 | 15.8 | 12.6 - 19.7 | 14.8 | 11.4 - 18.9 | 3.6** | 2.2 - 6.0 | 127 | |
| Island of Morotai | 11.7 | 7.6 - 17.5 | 5.1 | 3.5 - 7.6 | 3.5** | 2.0 - 6.0 | 3.3 | 2.1 - 5.3 | 126 | |
| Island of Taliabu | 30.6 | 25.0 - 36.7 | 16.7 | 12.5 - 21.9 | 25.9 | 20.5 - 32.2 | 2.7** | 1.4 - 5.1 | 78 | |
| City of Ternate | 21.1 | 15.8 - 27.6 | 17.6 | 12.9 - 23.4 | 20.5 | 16.8 - 24.9 | 6.9 | 4.4 - 10.6 | 264 | |
| City of Tidore Islands | 21.3 | 16.7 - 26.7 | 15.1 | 11.6 - 19.5 | 18.3 | 15.0 - 22.2 | 2.3** | 1.2 - 4.5 | 138 | |
| NORTH MALUKU | 23.7 | 21.9 - 25.6 | 15.8 | 14.2 - 17.6 | 20.9 | 19.4 - 22.6 | 3.5 | 2.9 - 4.3 | 1,689 | |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.33 Prevalence of Nutritional Status of Toddlers by Regency/City in West Papua Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | N terimbang | |
|-------------------|--------------------------------|--------------------|-------------|-------------------|-------------|--------------------|------------|------------------|----------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Fakfak | 30.5 | 24.8 - 36.9 | 8.2 | 5.5 - 12.0 | 21.5 | 17.4 - 26.3 | 6.4 | 4.2 - 9.6 | 123 | |
| Kaimana | 25.7 | 19.6 - 32.8 | 9.3 | 6.5 - 13.3 | 16.9 | 13.8 - 20.6 | 4.8 | 3.1 - 7.2 | 87 | |
| Wondama Bay | 19.7 | 15.6 - 24.7 | 11.7 | 9.0 - 15.2 | 22.8 | 18.4 - 28.1 | 2.1** | 0.8 - 5.4 | 77 | |
| Bintuni Bay | 19.6 | 14.5 - 25.9 | 7.5 | 5.4 - 10.3 | 16.3 | 12.0 - 21.9 | 2.9** | 1.4 - 5.7 | 103 | |
| Manokwari | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | | |
| South Manokwari | 20.4 | 15.6 - 26.3 | 12.5 | 10.0 - 15.6 | 16.5 | 12.5 - 21.4 | 4.2 | 2.6 - 6.6 | 52 | |
| Highland Arfak | 34.7 | 25.8 - 44.9 | 14.6 | 10.2 - 20.4 | 23.4 | 16.7 - 31.7 | 6.0** | 3.3 - 10.8 | 52 | |
| West Papua | 24.8 | 21.3 - 28.6 | 11.6 | 9.7 - 13.7 | 20.1 | 17.1 - 23.5 | 4.8 | 3.6 - 6.3 | 751 | |

* N/A : Response Rate Blok Sensus (RR BS) or Household Response Rate (RR Ruta) of Toddlers < 70%

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.34 Prevalence of Nutritional Status of Toddlers by Regency/City in Southwest Papua Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N | |
|------------------------|--------------------------------|--------------------|-------------|-------------------|-------------|--------------------|------------|------------------|------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| South Sorong | 31.3 | 25.7 - 37.4 | 16.4 | 12.8 - 20.7 | 30.4 | 25.8 - 35.3 | 2.3** | 1.2 - 4.7 | 80 | |
| Sorong | 27.3 | 23.2 - 31.8 | 11.4 | 8.5 - 15.2 | 21.5 | 17.0 - 26.9 | 4.6** | 2.8 - 7.5 | 153 | |
| Raja Ampat | 30.9 | 26.0 - 36.3 | 19.8 | 15.9 - 24.4 | 30.6 | 25.3 - 36.6 | 2.5** | 1.3 - 4.9 | 115 | |
| Tambräu | 31.8 | 23.8 - 41.0 | 17.4 | 12.9 - 23.0 | 30.1 | 24.3 - 36.6 | 2.3** | 1.0 - 5.3 | 57 | |
| Maybrat | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | | |
| City of Sorong | 31.0 | 26.6 - 35.9 | 11.4 | 8.1 - 15.8 | 20.4 | 15.9 - 25.8 | 6.3** | 4.2 - 9.3 | 343 | |
| Southwest Papua | 31.0 | 28.5 - 33.5 | 13.4 | 1.5 - 15.5 | 24.0 | 21.4 - 26.7 | 4.5 | 3.5 - 5.8 | 816 | |

* N/A : Response Rate Blok Sensus (RR BS) or Household Response Rate (RR Ruta) of Toddlers < 70%

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.35 Prevalence of Nutritional Status of Toddlers by Regency/City in Papua Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N | |
|------------------|--------------------------------|--------------------|-------------|--------------------|--------------|--------------------|-------------|------------------|--------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Jayapura | 26.9 | 22.6 - 31.7 | 16.9 | 11.5 - 24.1 | 22.7 | 18.0 - 28.2 | 5.2** | 3.1 - 8.5 | 271 | |
| Highland Yapen | 39.9 | 34.8 - 45.3 | 17.8 | 13.3 - 23.6 | 33.7 | 27.5 - 40.5 | 0.3** | 0.0 - 2.1 | 175 | |
| Biak Numfor | 33.7 | 28.3 - 39.5 | 8.6 | 5.8 - 12.3 | 21.0 | 16.9 - 25.6 | 6.6** | 3.7 - 11.5 | 206 | |
| Sarmi | 26.5 | 21.4 - 32.2 | 14.9 | 10.7 - 20.4 | 16.9 | 13.0 - 21.7 | 8.2** | 4.9 - 13.4 | 62 | |
| Keerom | 34.4 | 29.4 - 39.9 | 13.1 | 9.7 - 17.4 | 16.5 | 12.7 - 21.2 | 8.1 | 5.5 - 11.7 | 101 | |
| Waropen | 26.2 | 22.1 - 30.8 | 14.0 | 10.6 - 18.2 | 26.1 | 20.4 - 32.9 | 2.3** | 1.0 - 4.9 | 60 | |
| Supiori | 37.7 | 31.4 - 44.5 | 19.9 | 14.8 - 26.3 | 30.3 | 23.7 - 37.8 | 6.4** | 2.7 - 14.1 | 44*** | |
| Mamberamo Raya | 40.0 | 32.3 - 48.3 | 16.9 | 12.2 - 23.0 | 29.2 | 19.9 - 40.6 | 7.3** | 4.0 - 12.8 | 62 | |
| City of Jayapura | 21.3 | 15.8 - 28.1 | 10.1 | 6.7 - 14.9 | 14.5 | 9.6 - 21.4 | 4.0** | 2.2 - 7.0 | 555 | |
| Papua | 28.6 | 25.9 - 31.4 | 13.1 | 11.2 - 15.2 | 20.70 | 18.2 - 23.5 | 4.70 | 3.7 - 6.0 | 1.536 | |

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

*** Weighted N <50

Table 15.36 Prevalence of Nutritional Status of Toddlers by Regency/City in South Papua Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N | |
|--------------------|--------------------------------|--------------------|-------------|--------------------|-------------|--------------------|------------|------------------|--------------|--|
| | Stunting | | Wasting | | Underweight | | Overweight | | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | | |
| Merauke | 23.8 | 20.0 - 28.1 | 10.6 | 8.0 - 13.9 | 16.3 | 13.1 - 20.0 | 9.3 | 7.1 - 12.0 | 385 | |
| Boven Digoel | 31.4 | 27.0 - 36.2 | 16.7 | 12.9 - 21.2 | 19.2 | 14.4 - 25.1 | 3.5** | 1.8 - 6.5 | 125 | |
| Mappi | 28.6 | 23.0 - 34.8 | 16.0 | 12.2 - 20.8 | 22.4 | 18.1 - 27.4 | 3.1** | 1.6 - 6.0 | 215 | |
| Asmat | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | | |
| South Papua | 25.0 | 22.1 - 28.2 | 13.7 | 11.3 - 16.6 | 20.0 | 17.1 - 23.4 | 5.2 | 4.1 - 6.7 | 1,019 | |

* N/A : Response Rate Blok Sensus (RR BS) or Household Response Rate (RR Ruta) of Toddlers < 70%

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.37 Prevalence of Nutritional Status of Toddlers by Regency/City in Central Papua Province, 2023 SKI

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|----------------------|--------------------------------|--------------------|-------------|--------------------|-------------|--------------------|-------------|-------------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Nabire | 22.2 | 18.6 - 26.2 | 12.9 | 8.9 - 18.3 | 15.7 | 11.6 - 21.0 | 4.7 | 3.0 - 7.2 | 262 |
| Paniai | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | |
| Puncak Jaya | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | |
| Mimika | 24.7 | 19.6 - 30.6 | 8.2** | 5.5 - 12.0 | 15.5 | 11.9 - 20.0 | 6.1 | 3.9 - 9.4 | 445 |
| Puncak | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | |
| Dogiyai | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | |
| Intan Jaya | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | |
| Deiyai | 50.2 | 36.3 - 64.0 | 7.4 | 3.9 - 13.6** | 17.9 | 12.3 - 25.2 | 18.9 | 12.9 - 26.8 | 137 |
| Central Papua | 39.4 | 33.6 - 45.4 | 18.2 | 14.7 - 22.4 | 22.2 | 18.4 - 26.5 | 12.8 | 8.7 - 18.4 | 1,814 |

* N/A : Response Rate Blok Sensus (RR BS) or Household Response Rate (RR Ruta) of Toddlers < 70%

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

Table 15.38 Prevalence of Nutritional Status of Toddlers by Regency/City in Highlands Papua Province, 2023 SKI4

| Regency/City | Nutritional Status of Toddlers | | | | | | | | Weighted N |
|-----------------------|--------------------------------|--------------------|-------------|-------------------|-------------|--------------------|-------------|-------------------|--------------|
| | Stunting | | Wasting | | Underweight | | Overweight | | |
| | % | 95% CI | % | 95% CI | % | 95% CI | % | 95% CI | |
| Jayawijaya | 33.2 | 26.3 - 40.8 | 9.0** | 5.2 - 14.9 | 14.2 | 9.1 - 21.4 | 7.8 | 4.7 - 12.5 | 312 |
| Yahukimo | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | |
| Highland Bintang | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | |
| Tolikara | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | |
| Nduga | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | |
| Lanny Jaya | 39.5 | 28.3 - 52.0 | 18.4 | 10.4 - 30.4 | 28.0** | 17.1 - 42.4 | 9.2** | 4.8 - 17.2 | 243 |
| Central Mamberamo | 33.0 | 26.1 - 40.7 | 3.4 | 1.4 - 7.6 | 7.9** | 4.7 - 13.0 | 7.9** | 4.3 - 13.9 | 66 |
| Yalimo | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | N/A* | |
| Highland Papua | 37.3 | 32.3 - 42.6 | 10.9 | 8.6 - 13.8 | 15.4 | 12.2 - 19.2 | 10.3 | 7.7 - 13.5 | 1,594 |

* N/A : Response Rate Blok Sensus (RR BS) or Household Response Rate (RR Ruta) of Toddlers < 70%

** Relative Standard Error (RSE) > 25% is a less accurate estimate for representing the population of children under five in cities/regencies

