

Health Inequality Data Repository

INDICATOR METADATA

Determinants

March 2024

About

This dataset is from the WHO Health Inequality Data Repository.

This dataset contains national average data related to the determinants of health. The indicators in this dataset align with the indicators in the WHO Operational Framework for Monitoring Social Determinants of Health Equity. This framework proposes a menu of indicators covering six domains with recognized impacts on health: (a) economic security and equality, (b) education, (c) physical environment, (d) social and community context, (e) health behaviors, and (f) health care. Please note that some indicators in the Operational Framework are measured by more than one indicator in this Determinants dataset.

Data source

Data are derived from multiple data sources, including:

- The Sustainable Development Goal (SDG) Global Database
 (https://unstats.un.org/sdgs/dataportal), using the United Nations Statistics Division SDG API.
 SDG indicator data originate from custodian agencies responsible for the global monitoring of each indicator, including its definition, data collection and calculation.
- The World Bank Data Catalog (https://data.worldbank.org). Data originate from various sources, detailed in the links to indicator metadata.
- The Organisation for Economic Co-operation and Development (OECD) Data Explorer (https://data-explorer.oecd.org). The OECD collates data from OECD countries and selected non-member economies.
- The WHO Global Health Observatory (https://www.who.int/data/gho).
- The WHO Maternal, Newborn, Child and Adolescent Health and Ageing Data Portal (https://platform.who.int/data/maternal-newborn-child-adolescent-ageing).
- International Institute for Democracy and Electoral Assistance (IDEA) Voter Turnout Database (https://www.idea.int/data-tools/data/voter-turnout-database).
- UN Development Programme (UNDP) Human Development Data (https://hdr.undp.org/data-center).
- UN Office on Drugs and Crime (UNODC) data portal (https://dataunodc.un.org).

Methodology

See the links to the indicator metadata below for information about indicator calculation methodologies.

Dataset metadata

Date of first publication	March 2024
Date of updated publication	n/a
Expected frequency of update	Annual
Date of data extraction	February 2024
Temporal coverage	1985–2022
Spatial coverage	Global
Spatial granularity	National

Number of countries, territories or areas	198
Number of indicators	179
Number of dimensions of inequality	0

Disclaimer

The estimates presented are from an external data source. They should not be regarded as the official national statistics of individual WHO Member States or official WHO estimates.

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Indicator metadata

Indicators for monitoring the social determinants of health (SDH)

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information			
Economic security and equality	Employment	Employment rate (%) Employment to population ratio (female, male, total) (modeled ILO estimate)	Unemployment rate - 13th ICLS (%) (SDG indicator 8.5.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-08-05-02.pdf Note: Unemployment definition			
			Unemployment rate - 19th ICLS (%) (SDG indicator 8.5.2)		based on the statistical standards from either the 13 th or the 19 th International Conference of Labour Statisticians (ICLS)			
			Employment to population ratio, 15+, female (%) (modeled ILO estimate)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SL.EMP.TOTL.SP.FE. ZS			
			Employment to population ratio, 15+, male (%) (modeled ILO estimate)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SL.EMP.TOTL.SP.MA .ZS			
			Employment to population ratio, 15+, total (%) (modeled ILO estimate)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SL.EMP.TOTL.SP.ZS			
		Vulnerable employment, total (% of total employment) (modeled ILO estimate)	Vulnerable employment, total (% of total employment) (modeled ILO estimate)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SL.EMP.VULN.ZS			
		Children aged 5-17 years engaged in child labour (%)	Proportion of children engaged in economic activity (%) (SDG indicator 8.7.1) Proportion of children engaged in	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-08-07-01.pdf			
			economic activity and household chores (%) (SDG indicator 8.7.1)					
					Average hourly earnings of employees (local currency)	Not included in dataset due to being measured in local currency		

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
		Fatal occupational injuries among employees (per 100 000 employees) Non-fatal occupational injuries among employees (per 100 000 employees)	Fatal occupational injuries among employees (per 100 000 employees) (SDG indicator 8.8.1) Non-fatal occupational injuries among employees (per 100 000 employees) (SDG indicator 8.8.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadata/a/files/Metadata-08-08-01.pdf
	Food insecurity	Moderate or severe food insecurity in the population (%) Severe food insecurity (%)	Prevalence of moderate or severe food insecurity (%) (SDG indicator 2.1.2) Prevalence of severe food insecurity	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadata/files/Metadata-02-01-02.pdf
	Income inequality	Gini index	(%) (SDG indicator 2.1.2) Gini index	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SI.POV.GINI
		Growth rates of household expenditure or income per capita among the bottom 40 per cent of the population and the total population	Growth rates of household expenditure or income per capita [among the bottom 40% of the population] (%) (SDG indicator 10.1.1) Growth rates of household expenditure or income per capita [among the total population] (%) (SDG indicator 10.1.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-10-01-01.pdf
	Poverty	Population living below international poverty line (%)	Proportion of population below international poverty line (%) (SDG indicator 1.1.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-01-01-01b.pdf
		Population living below national poverty (%)	Proportion of population living below the national poverty line (%) (SDG indicator 1.2.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-01-02-01.pdf
		Population living in multidimensional poverty (%)	Proportion of population living in multidimensional poverty (%) (SDG indicator 1.2.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadata/files/Metadata-01-02-02.pdf
		Households living in multidimensional poverty (%)	Proportion of households living in multidimensional poverty (%) (SDG indicator 1.2.2)		
		Multidimensional deprivation for children (% of population under 18)	Proportion of children living in child-specific multidimensional poverty (%) (SDG indicator 1.2.2)		

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
		Average share of weighted deprivations of total households (intensity) (%)	Not included in dataset due to data being available for <10 countries		
Education	Education access	Participation rate in organized learning (one year before official primary entry age) (%)	Participation rate in organized learning (one year before the official primary entry age) (%) (SDG indicator 4.2.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-04-02-02.pdf
		Net school enrollment rate (preprimary, primary, secondary, tertiary) (%)	School enrollment, preprimary (% gross)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.PRE.ENRR
			School enrollment, primary (% gross)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.PRM.ENRR
			School enrollment, primary (% net)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.PRM.NENR
			School enrollment, secondary (% gross)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.SEC.ENRR
			School enrollment, secondary (% net)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.SEC.NENR
			School enrollment, tertiary (% gross)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.TER.ENRR
		Participation rate of youth and adults in formal and non-formal education and training in the previous 12 months (%)	Participation rate of youths and adults in formal and non-formal education and training (%) (SDG indicator 4.3.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-04-03-01.pdf
	Education quality	Pupil-trained teacher ratio by education level (pre-primary, primary, lower and upper	Pupil-teacher ratio, preprimary	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.PRE.ENRL.TC.ZS
		secondary education)	Pupil-teacher ratio, primary	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.PRM.ENRL.TC.ZS
			Pupil-teacher ratio, secondary	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.SEC.ENRL.TC.ZS

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
			Pupil-teacher ratio, tertiary	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.TER.ENRL.TC.ZS
			Pupil-teacher ratio, lower secondary	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.SEC.ENRL.LO.TC. ZS
			Pupil-teacher ratio, upper secondary	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.SEC.ENRL.UP.TC. ZS
		Teachers with the minimum required qualifications (%)	Proportion of teachers with the minimum required qualifications [Pre-primary] (%) (SDG indicator 4.c.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-04-0C-01.pdf
			Proportion of teachers with the minimum required qualifications [Primary] (%) (SDG indicator 4.c.1) Proportion of teachers with the		
			minimum required qualifications [Secondary] (%) (SDG indicator 4.c.1)		
			Proportion of teachers with the minimum required qualifications [Lower secondary] (%) (SDG indicator 4.c.1)		
			Proportion of teachers with the minimum required qualifications [Upper secondary] (%) (SDG indicator 4.c.1)		
	Education outcomes	Children aged 36–59 months who are developmentally on track in at least three of the following domains: literacynumeracy, physical	Proportion of children aged 36–59 months who are developmentally on track in at least three of the following domains: literacynumeracy, physical development,	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-04-02-01.pdf
		development, social-emotional development, and learning (%	social-emotional development, and learning (%) (SDG indicator 4.2.1)		

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
		of children aged 36-59 months) (%)			
		Children and young people (a) in grades 2/3; (b) at the end of primary; and (c) at the end of lower secondary achieving at least a minimum proficiency	Proportion of children and young people achieving a minimum proficiency level in mathematics [Grades 2/3] (%) (SDG indicator 4.1.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadata/files/Metadata-04-01-01.pdf
		level in (i) reading and (ii) mathematics (%)	Proportion of children and young people achieving a minimum proficiency level in mathematics [Primary] (%) (SDG indicator 4.1.1) Proportion of children and young		
			people achieving a minimum proficiency level in mathematics [Lower secondary] (%) (SDG indicator 4.1.1)		
			Proportion of children and young people achieving a minimum proficiency level in reading [Grades 2/3] (%) (SDG indicator 4.1.1)		
			Proportion of children and young people achieving a minimum proficiency level in reading [Primary] (%) (SDG indicator 4.1.1)		
			Proportion of children and young people achieving a minimum proficiency level in reading [Lower secondary] (%) (SDG indicator 4.1.1)		
		Population in a given age group achieving at least a fixed level of proficiency in functional (a) literacy and (b) numeracy skills	Proportion of population achieving at least a fixed level of proficiency in functional skills [Literacy] (%) (SDG indicator 4.6.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-04-06-01.pdf
		(%)	Proportion of population achieving at least a fixed level of proficiency in functional skills [Numeracy] (%) (SDG indicator 4.6.1)		

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
		Completion rate (primary, lower secondary, upper secondary)	Completion rate, by education level [Primary] (%) (SDG indicator 4.1.2) Completion rate, by education level [Lower secondary] (%) (SDG indicator 4.1.2) Completion rate, by education level [Upper secondary] (%) (SDG indicator 4.1.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-04-01-02.pdf
		Educational attainment rate, at least completed (primary, lower secondary, upper secondary, Master's or equivalent, Doctoral	Educational attainment [population aged 25+ years that attained or completed at least primary education] (%)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.PRM.CUAT.ZS
		or equivalent)	Educational attainment [population aged 25+ years that attained or completed Master's or equivalent] (%)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.TER.CUAT.MS.ZS
			Educational attainment [population aged 25+ years that attained or completed Doctoral or equivalent] (%)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.TER.CUAT.DO.ZS
Physical environment	Air quality and climate	Average mean levels of air pollution of particulate matter (PM ₁₀ and PM _{2.5}) in cities (population weighted)	Annual mean levels of fine particulate matter (population-weighted) (micrograms per cubic meter) (SDG indicator 11.6.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-11-06-02.pdf
		Population experiencing droughts, floods, extreme temperatures (% of population, average 1990-2009)	Droughts, floods, extreme temperatures (% of population, average 1990-2009)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/EN.CLC.MDAT.ZS
	Disasters	Number of deaths, missing persons and directly affected persons attributed to disasters* (per 100 000 population)	Number of directly affected persons attributed to disasters (per 100 000 population) (SDG indicator 1.5.1) Number of deaths and missing persons attributed to disasters (per 100 000 population) (SDG indicator 1.5.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-01-05-01.pdf
	Energy, fuels and technologies	Population with access to electricity (%)	Access to electricity (% of population)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/EG.ELC.ACCS.ZS

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
		Population with primary reliance on clean fuels and technologies for cooking (%)	Proportion of population with primary reliance on clean fuels and technologies for cooking (%)	WHO Global Health Observatory	https://www.who.int/data/gho/data/i ndicators/indicator-details/GHO/gho- phe-primary-reliance-on-clean-fuels- and-technologies-proportion
	Housing	Households that live in overcrowded dwellings (%) Homeless as a percent of total population (%) Households that own their homes (%)	Households that live in overcrowded dwellings (%) Homeless as a percent of total population (%) Households that own their homes (%)	OECD	https://www.oecd.org/housing/data/ affordable-housing- database/housing-conditions.htm
		Housing price-to-income ratio (housing affordability) Population spending more than 40% of disposable income on	Housing affordability (share of housing costs out of household income) (%) Housing cost overburden (population spending more than		
		mortgage and rent (housing cost overburden) (%)	40% of disposable income on mortgage and rent) (%)		
	Land tenure	Adult population with secure tenure rights to land, (a) with legally recognized documentation, and (b) who perceive their rights to land as	Proportion of people with legally recognized documentation of their rights to land out of total adult population (%) (SDG indicator 1.4.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadata/a/files/Metadata-01-04-02.pdf
		secure, by sex and type of tenure (%)	Proportion of people who perceive their rights to land as secure out of total adult population (%) (SDG indicator 1.4.2)		
	Road safety	Death rate due to road traffic injuries (%)	Death rate due to road traffic injuries (per 100 000 population) (SDG indicator 3.6.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-03-06-01.pdf
	Water, sanitation and hygiene (WASH)	Population using basic sanitation services (%)	Proportion of population using basic sanitation services (%) (SDG indicator 1.4.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-01-04-02.pdf
		Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene from diarrhoea, intestinal nematode infections, malnutrition and	Mortality rate attributed to unsafe water, unsafe sanitation and lack of hygiene from diarrhoea, intestinal nematode infections, malnutrition and acute respiratory infections	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-03-09-02.pdf

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
		acute respiratory infections (deaths per 100,000 population)	(deaths per 100 000 population) (SDG indicator 3.9.2)		
		Population practicing open defecation (%)	Proportion of population practicing open defecation (%) (SDG indicator 6.2.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-06-02-01b.pdf
		Population with basic handwashing facilities on premises (%)	Proportion of population with basic handwashing facilities on premises (%) (SDG indicator 6.2.1)		
		Population using safely managed sanitation services (%)	Proportion of population using safely managed sanitation services (%) (SDG indicator 6.2.1)		
		Population using safely managed drinking water services (%)	Proportion of population using safely managed drinking water services (%) (SDG indicator 6.1.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-06-01-01.pdf
	Urbanization	Urban population living in slums, informal settlements or inadequate housing (%)	Proportion of urban population living in slums (%) (SDG indicator 11.1.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-11-01-01.pdf
		Ratio of land consumption rate to population growth rate in urban areas	Not included in dataset due to data being available for <10 countries (SDG indicator 11.3.1)		
		Average share of the built-up area of cities that is open space for public use for all (%)	Not included in dataset due to data being available for <10 countries (SDG indicator 11.7.1)		
		Municipal solid waste collected and managed in controlled facilities out of total municipal waste generated, by cities (%)	Municipal solid waste collection coverage (%) (SDG indicator 11.6.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-11-06-01.pdf
		Population that has convenient access to public transport in urban areas (%)	Not included in dataset due to data being available for <10 countries (SDG indicator 11.2.1)		
Social and community context	Civic engagement and trust	Population who believe decision- making is inclusive and responsive (%)	Not included in dataset due to data being available for <10 countries (SDG indicator 16.7.2)		
		Population who report having confidence in the national government (%)	Population who report having confidence in the national government (%)	OECD	https://www.oecd-ilibrary.org/social- issues-migration-health/data/oecd- social-and-welfare-statistics/how-s- life-well-being b8a8569d-en

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
		Population satisfied with their last experience of public services (%)	Not included in dataset due to data being available for <10 countries (SDG indicator 16.6.2)		
		Voter turnout (%)	Voter turnout [Presidential election] (%)	IDEA Voter Turnout Database	https://www.idea.int/data- tools/data/voter-turnout-database
	Conflict, crime and violence	Total conflict-related deaths per 100 000 population (per 100 000 population)	Not included in dataset due to being measured by number of countries (SDG indicator 16.1.2)		
		Number of victims of intentional homicide per 100 000 population (victims per 100 000 population)	Number of victims of intentional homicide (per 100 000 population) (SDG indicator 16.1.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadata/a/files/Metadata-16-01-01.pdf
		Population subjected to (a) physical violence, (b) psychological violence and (c) sexual violence in the previous 12 months (%)	Proportion of population subjected to physical violence in the previous 12 months (%) (SDG indicator 16.1.3) Proportion of population subjected to sexual violence in the previous 12 months (%) (SDG indicator 16.1.3)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-16-01-03.pdf
		Number of victims of human trafficking (per 100 000	Proportion of population subjected to robbery in the previous 12 months (%) (SDG indicator 16.1.3) Number of victims of human trafficking (per 100 000 population)	UN SDG Indicators	https://unstats.un.org/sdgs/metadat a/files/Metadata-16-02-02.pdf
		population) Population that feel safe walking alone around the area they live after dark (%)	(SDG indicator 16.2.2) Proportion of population that feel safe walking alone around the area they live after dark (%) (SDG indicator 16.1.4)	Database UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-16-01-04.pdf
	Discrimination	Population reporting having felt discriminated against (%)	Proportion of population reporting having felt discriminated against (%) (SDG indicator 10.3.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-10-03-01.pdf
	Forced displacement and migration	Internally displaced persons, total displaced by conflict and violence (number of people)	Not included in dataset due to being measured in whole numbers		

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
		Refugee population by country or territory of origin (%)	Number of refugees by country of origin (per 100 000 population) (SDG indicator 10.7.4)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-10-07-04.pdf
		International migrant stock (% of population)	International migrant stock (% of population)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SM.POP.TOTL.ZS
		Net migration	Not included in dataset due to being measured in whole numbers		
	Gender equality and women's empowerment	Gender inequality index	Gender inequality index	UNDP Human Development Data	https://hdr.undp.org/system/files/do cuments/technical-notes-calculating- human-development-indices.pdf
		Women who were first married or in a union before age 15 and before age 18 (% of women ages 20-24) (%)	Proportion of women aged 20-24 years who were married or in a union before age 15 (%) (SDG indicator 5.3.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-05-03-01.pdf
			Proportion of women aged 20-24 years who were married or in a union before age 18 (%) (SDG indicator 5.3.1)		
		Women making their own informed decisions regarding sexual relations, contraceptive use and reproductive health care (% of women age 15-49)	Proportion of women who make their own informed decisions regarding sexual relations, contraceptive use and reproductive health care (% of women aged 15-49 years) (SDG indicator 5.6.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-05-06-01.pdf
	Healthy aging	Proportion of older people living in age-friendly cities and communities (%)	Proportion of older people living in age-friendly cities and communities (%)	WHO Maternal, Newborn, Child and Adolescent Health and Ageing Data portal	https://platform.who.int/data/matern al-newborn-child-adolescent- ageing/indicator-explorer- new/MCA/proportion-of-older-people- living-in-age-friendly-cities-and- communities
	Incarceration	Persons held in prisons, penal institutions or correctional institutions (persons held per 100 000)	Persons held in prisons, penal institutions or correctional institutions (per 100 000 population)	UNODC	https://dataunodc.un.org/sites/datau nodc.un.org/files/metadata prisons and prisoners.pdf

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
	Social support	Population who report having friends or relatives whom they can count on in times of trouble (%)	Social support (population who report having friends or relatives whom they can count on in times of trouble) (%)	OECD	https://www.oecd-ilibrary.org/social-issues-migration-health/data/oecd-social-and-welfare-statistics/how-s-life-well-being b8a8569d-en Original source: Gallup World Poll.
Health behaviours	Alcohol	Alcohol per capita consumption (aged 15 years and older) within a calendar year in litres of pure alcohol	Alcohol consumption per capita (aged 15 years and older) within a calendar year (litres of pure alcohol) (SDG indicator 3.5.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-03-05-02.pdf
	Physical activity	Insufficiently physically active persons (adults aged 18 years and older, adolescents aged 11-17 years) (%)	Prevalence of insufficient physical activity among adults aged 18+ years (age-standardized estimate) (%)	WHO Global Health Observatory	https://www.who.int/data/gho/data/indicators/indicator- details/GHO/prevalence-of- insufficient-physical-activity-among- adults-aged-18-years-(age- standardized-estimate)-(-)
	Tobacco	Current tobacco use among persons aged 15 years and older (age-standardized rate) (%)	Age-standardized prevalence of current tobacco use among persons aged 15 years and older (%) (SDG indicator 3.a.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-03-0a-01.pdf
	Nutrition	Children under 5 years who are stunted (%)	Proportion of children moderately or severely stunted (%) (SDG indicator 2.2.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-02-02-01.pdf
		Children under 5 years who are wasted (%)	Proportion of children moderately or severely wasted (%) (SDG indicator 2.2.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-02-02-02b.pdf
		Children under 5 years who are overweight (%)	Proportion of children moderately or severely overweight (%) (SDG indicator 2.2.2)		
		Population experiencing undernourishment (%)	Prevalence of undernourishment (%) (SDG indicator 2.1.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-02-01-01.pdf
		Adults who are overweight (BMI>=25) and obese (BMI>=30) (% adult population)	Prevalence of overweight among adults, BMI≥25 (age-standardized estimate) (%)	WHO Global Health Observatory	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/prevalence-of-overweight-among-adults-bmi-=-25-(age-standardized-estimate)-(-)

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
Health care	Health care access and affordability	Population that skipped a medical consultation due to costs (%)	Consultation skipped due to costs (crude rate per 100 patients)	OECD	Definitions: https://www.oecd.org/els/health-systems/Definitions-of-Health-Care-
	ŕ	Population that skipped medical tests, treatment or follow-up due to costs (%)	Medical tests, treatment or follow- up skipped due to costs (crude rate per 100 patients)		Quality-Outcomes.pdf Sources and methods:
		Population that skipped prescribed medicines due to costs (%)	Prescribed medicines skipped due to costs (crude rate per 100 patients)		https://qdd.oecd.org/subject.aspx?Su bject=hcqo_meta
		Households with out-of-pocket payments greater than 40% of capacity to pay for health care (catastrophic health spending) (%)	Households with out-of-pocket payments greater than 40% of capacity to pay for health care (food, housing and utilities approach - developed by WHO/Europe) (%)	WHO Global Health Observatory	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/households-with-out-of-pocket-payments-greater-than-40-of-capacity-to-pay-for-health-care-(food-housing-and-utilities-approachdeveloped-by-who-europe)-(-)
		Population spending more than 10% of household consumption or income on out-of-pocket health care expenditure (%)	Proportion of population with large household expenditures on health (greater than 10%) as a share of total household expenditure or income (%) (SDG indicator 3.8.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-03-08-02.pdf
		Population spending more than 25% of household consumption or income on out-of-pocket health care expenditure (%)	Proportion of population with large household expenditures on health (greater than 25%) as a share of total household expenditure or income (%) (SDG indicator 3.8.2)		
	Health system	Physicians per capita (per 1 000 people)	Physicians (per 1000 people)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SH.MED.PHYS.ZS
		Nurses and midwives per capita (per 1 000 people)	1 000 people) people) Bank I	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SH.MED.NUMW.P3
		Health workers per capita: physicians, nursing/midwifery personnel, dentistry personnel, pharmaceutical personnel (per 10 000 population)	Health worker density [Dentists] (per 10 000 population) (SDG indicator 3.c.1) Health worker density [Nursing and midwifery personnel] (per 10 000 population) (SDG indicator 3.c.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-03-0C-01.pdf

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
			Health worker density [Pharmacists] (per 10 000 population) (SDG indicator 3.c.1) Health worker density [Medical doctors] (per 10 000 population) (SDG indicator 3.c.1)		
		Community health workers per capita (per 1 000 people)	Community health workers (per 1000 people)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SH.MED.CMHW.P3
		Health facilities per capita (per 10 000 population) (health facility density and distribution)	Total density [District/rural hospitals] (per 100 000 population)	WHO Global Health Observatory	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/total-density-per-100-000-population-district-rural-hospitals
			Total density [Health centres] (per 100 000 population)	WHO Global Health Observatory	https://www.who.int/data/gho/data/i ndicators/indicator-details/GHO/total- density-per-100-000-population- health-centres
			Total density [Health posts] (per 100 000 population)	WHO Global Health Observatory	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/total-density-per-100-000-population-health-posts
			Total density [Hospitals] (per 100 000 population)	WHO Global Health Observatory	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/total-density-per-100-000-population-hospitals
			Total density [Provincial hospitals] (per 100 000 population)	WHO Global Health Observatory	https://www.who.int/data/gho/data/i ndicators/indicator-details/GHO/total- density-per-100-000-population- provincial-hospitals
			Total density [Specialized hospitals] (per 100 000 population)	WHO Global Health Observatory	https://www.who.int/data/gho/data/i ndicators/indicator-details/GHO/total- density-per-100-000-population- specialized-hospitals
		Hospital beds per capita (per 10 000 population)	Hospital beds (per 1000 people)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SH.MED.BEDS.ZS

Indicators for areas and actions for implementation

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
Policies to promote economic security and equality	Employment: social policies	Level of national compliance with labour rights (freedom of association and collective bargaining) based on International Labour Organization textual sources and national legislation	Level of national compliance with labour rights (freedom of association and collective bargaining) based on International Labour Organization (ILO) textual sources and national legislation (SDG indicator 8.8.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-08-08-02.pdf
		Coverage of unemployment benefits and active labour market policy (ALMP) (% of population)	Proportion of population covered by labour market programs (%) (SDG indicator 1.3.1) Proportion of unemployed persons receiving unemployment cash benefit (%) (SDG indicator 1.3.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-01-03-01b.pdf
	Employment: governance	Existence of a developed and operationalized national strategy for youth employment, as a distinct strategy or as part of a national employment strategy	Not included in dataset due to being measured as a categorical variable (SDG indicator 8.b.1)		
	Food insecurity: public policies	Population supported by food and/or social assistance programmes (%)	Data not available		
	Income inequality: macroeconomic policies	Redistributive impact of fiscal policy (note: defined as the Gini Index of pre-fiscal per capita (or equivalized) income less the Gini Index of post-fiscal per capita (or equivalized) income)	Redistributive impact of fiscal policy, Gini index [Postfiscal consumable income] (%) (SDG indicator 10.4.2) Redistributive impact of fiscal policy, Gini index [Postfiscal disposable income] (%) (SDG indicator 10.4.2) Redistributive impact of fiscal policy, Gini index [Prefiscal income] (%) (SDG indicator 10.4.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-10-04-02.pdf
	Poverty: public policies	Coverage of social safety net programmes (% of population)	Coverage of social safety net programs (% of population)		https://www.worldbank.org/en/data/datatopics/aspire/documentation

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
		Coverage of social insurance programmes (% of population) Population covered by at least one social protection benefit (%)	Coverage of social insurance programs (% of population) Coverage of social protection and labor programs (% of population)	The World Bank Data Catalog	
		Children/households receiving child/family cash benefit (%)	Proportion of children/households receiving child/family cash benefit (%) (SDG indicator 1.3.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-01-03-01b.pdf
Policies to ensure access to	Education: public policies	Government expenditure on education, total (% of GDP)	Government expenditure on education, total (% of GDP)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.XPD.TOTL.GD.ZS
quality of education		Government expenditure on education, total (% of government expenditure)	Government expenditure on education, total (% of government expenditure)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.XPD.TOTL.GB.ZS
		Government expenditure per student, primary, secondary, tertiary (% of GDP per capita)	Government expenditure per student, primary (% of GDP per capita)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.XPD.PRIM.PC.ZS
			Government expenditure per student, secondary (% of GDP per capita)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.XPD.SECO.PC.ZS
			Government expenditure per student, tertiary (% of GDP per capita)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/SE.XPD.TERT.PC.ZS
Policies to protect the physical environment	Air quality and climate: social policies	Environmental Policy Stringency Index	Environmental Policy Stringency Index	OECD	https://www.oecd- ilibrary.org/economics/measuring- environmental-policy-stringency-in- oecd-countries 90ab82e8-en
	Air quality and climate: governance	Nationally determined contributions, long-term strategies, national adaptation plans and adaptation communications, as reported to the secretariat of the United Nations Framework Convention on Climate Change	Not included in dataset due to being measured as a binary (yes/no) variable (SDG indicator 13.2.1)		
	Disasters: governance	Number of countries that adopt and implement national disaster risk reduction strategies in line	Score of adoption and implementation of national disaster risk reduction strategies in line with	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-01-05-03.pdf

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
		with the Sendai Framework for Disaster Risk Reduction 2015– 2030	the Sendai Framework for Disaster Risk Reduction 2015–2030 (score between 0-1)I		
		Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies	Proportion of local governments that adopt and implement local disaster risk reduction strategies in line with national disaster risk reduction strategies (%) (SDG indicator 1.5.4)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadata/ a/files/Metadata-01-05-04.pdf
	Energy, fuels and technologies: social policies	Regulatory Indicators for Sustainable Energy (RISE) policy scorecard	Regulatory Indicators for Sustainable Energy (RISE) policy scorecard (score between 0-100)	The World Bank Data Catalog	https://rise.esmap.org/scoring- system
	Housing: social policies	Social rental dwellings as a share of total dwellings (%) Public spending on housing	Social rental dwellings as a share of total dwellings (%) Public spending on housing	OECD	https://www.oecd.org/housing/data/ affordable-housing- database/housing-policies.htm
		allowance as % of GDP Measures to finance housing improvements and regeneration	allowance (% of GDP) Measures to finance housing improvements and regeneration (% of GDP)		
	Land tenure: social policies	International property rights index	Data not available		
	Road safety: public policies	Existence of national seat belt laws	Not included in dataset due to being measured as a categorical variable		
	Urban planning: governance	National urban policies or regional development plans that (a) respond to population dynamics; (b) ensure balanced territorial development; and (c) increase local fiscal space	Not included in dataset due to being measured as a binary (yes/no) variable (SDG indicator 11.a.1)		
	Water, sanitation and hygiene (WASH): governance	Amount of water- and sanitation-related official development assistance that is part of a government-coordinated spending plan	Total official development assistance (gross disbursement) for water supply and sanitation, by recipient countries (millions of constant 2021 United States dollars) (SDG indicator 6.a.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadata/a/files/Metadata-06-0a-01.pdf

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
		Local administrative units with established and operational policies and procedures for participation of local communities in water and sanitation management (%)	Not included in dataset due to being measured as a categorical variable (SDG indicator 6.b.1)		
Policies to strengthen social and community context	Civic engagement and trust: governance	Positions in national and local institutions, including (a) the legislatures; (b) the public service; and (c) the judiciary, compared to national distributions, by sex, age, persons with disabilities and population groups (%)	Proportions of positions in the judiciary [Judges] among [Youth aged <45 years] compared to national distributions (ratio) (SDG indicator 16.7.1) Proportions of positions in the judiciary [Registrars] among [Youth aged <45 years] compared to national distributions (ratio) (SDG indicator 16.7.1) Proportions of positions in the judiciary [Judges] held by [Women] compared to national distributions (ratio) (SDG indicator 16.7.1) Proportions of positions in the judiciary [Registrars] held by [Women] compared to national distributions (ratio) (SDG indicator 16.7.1) Proportions of positions in the judiciary [Registrars] held by [Youth aged <45 years] compared to national distributions, Constitutional Court (ratio) (SDG indicator 16.7.1) Proportions of positions in the judiciary [Judges] held by [Women] compared to national distributions, Constitutional Court (ratio) (SDG indicator 16.7.1) Proportions of positions in the judiciary [Judges] held by [Women] compared to national distributions, Constitutional Court (ratio) (SDG indicator 16.7.1) Proportions of positions in the judiciary [Registrars] held by	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-16-07-01c.pdf

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
			[Women] compared to national		
			distributions, Constitutional Court		
			(ratio) (SDG indicator 16.7.1)		
			Proportions of positions in the		
			judiciary [Judges] held by [Youth		
			aged <45 years] compared to		
			national distributions, Higher Courts		
			(ratio) (SDG indicator 16.7.1)		
			Proportions of positions in the		
			judiciary [Registrars] held by		
			[Youth aged <45 years] compared		
			to national distributions, Higher		
			Courts (ratio) (SDG indicator		
			16.7.1)	_	
			Proportions of positions in the		
			judiciary [Judges] held by [Women]		
			compared to national distributions,		
			Higher Courts (ratio) (SDG indicator		
			16.7.1)		
			Proportions of positions in the		
			judiciary [Registrars] held by		
			[Women] compared to national		
			distributions, Higher Courts (ratio)		
			(SDG indicator 16.7.1)	_	
			Proportions of positions in the		
			judiciary [Judges] held by [Youth		
			aged <45 years] compared to		
			national distributions, Lower Courts		
			(ratio) (SDG indicator 16.7.1)		
			Proportions of positions in the		
			judiciary [Registrars] held by		
			[Youth aged <45 years] compared		
			to national distributions, Lower		
			Courts (ratio) (SDG indicator		
			16.7.1))	1	
			Proportions of positions in the		
			judiciary [Judges] held by [Women]		
			compared to national distributions,		

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
			(age 45 or below) in the proportion of the national population (age 45 or below) with the age of eligibility as a lower bound boundary), Upper Chamber (SDG indicator 16.7.1) Ratio for female members of parliaments (Ratio of the proportion of women in parliament in the proportion of women in the national population with the age of eligibility as a lower bound boundary), Lower Chamber or Unicameral (SDG indicator 16.7.1) Ratio for female members of parliaments (Ratio of the proportion of women in parliament in the proportion of women in the national population with the age of eligibility as a lower bound boundary), Upper Chamber (SDG indicator 16.7.1) Proportions of positions in the public service [Total national-level public service personnel] held by [Youth aged <35 years] compared to national distributions (ratio) (SDG indicator 16.7.1) Proportions of positions in the public service [Total national-level public service personnel] held by [Women] compared to national distributions (ratio) (SDG indicator 16.7.1)		
	Conflict, crime and violence: governance	Existence of independent national human rights institutions in compliance with the Paris Principles	Data not available		
	Discrimination: governance	Legal frameworks in place to promote, enforce and monito	Legal frameworks that promote, enforce and monitor gender		https://unstats.un.org/sdgs/metadat a/files/Metadata-05-01-01.pdf

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
		equality and non-discrimination on the basis of sex	equality [Overarching legal frameworks and public life] (%) (SDG indicator 5.1.1) Legal frameworks that promote, enforce and monitor gender equality [Violence against women] (SDG indicator 5.1.1) Legal frameworks that promote, enforce and monitor gender equality [Employment and economic benefits] (SDG indicator 5.1.1)	UN SDG Indicators Database	
			Legal frameworks that promote, enforce and monitor gender equality [Marriage and family] (SDG indicator 5.1.1)		
	Forced displacement and migration: social policies	Migration policies that facilitate orderly, safe, regular and responsible migration and mobility of people (%)	Not included in dataset due to being measured as a categorical variable (SDG indicator 10.7.2)		
	Gender equality and women's empowerment: governance	Seats held by women in (a) national parliaments and (b) local governments (%)	Proportion of elected seats held by women in deliberative bodies of local government (%) (SDG indicator 5.5.1) Proportion of seats held by women in national parliaments (% of total number of seats) (SDG indicator 5.5.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadata/a/files/Metadata-05-01-01.pdf
	Healthy aging: governance	National plans, policies or strategies on ageing and health	Not included in dataset due to being measured as a categorical variable		
	Incarceration: governance	Unsentenced detainees as a proportion of overall prison population (%)	Unsentenced detainees as a proportion of overall prison population (%) (SDG indicator 16.3.2)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadat a/files/Metadata-16-03-02.pdf
	Social support: governance	National strategy for social connection	Data not available		

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
Policies to address commercial	Alcohol: social policies	Written national policy or strategy on alcohol, year adopted	Not included in dataset due to being measured by year of policy adoption		
determinants of health that	Physical activity: governance	Global action plan on physical activity	Data not available		
can help to improve health behaviours	Tobacco: social policies	Average price of cigarettes (\$)	Average price of most sold brand of cigarettes (in PPP\$)	WHO Global Health Observatory	https://www.who.int/data/gho/data/i ndicators/indicator-details/GHO/gho- tobacco-control-raise-taxes-r-price- mp-estimate
			Average price of most sold brand of cigarettes (in US\$ at official exchange rates)	WHO Global Health Observatory	https://www.who.int/data/gho/data/indicators/indicator-details/GHO/ghotobacco-control-raise-taxes-r-pricemp-estimate
	Nutrition: social policies	Sugar sweetened tax	Data not available		
Policies to achieve access to quality essential health care	Health: public policies	Coverage of essential health services (Universal health coverage (UHC) service coverage index)	Universal health coverage (UHC) service coverage index (SDG indicator 3.8.1)	UN SDG Indicators Database	https://unstats.un.org/sdgs/metadata/files/Metadata-03-08-01.pdf

Other indicators

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
N/A	N/A	N/A	GDP per capita (current US \$)	The World Bank Data Catalog	https://databank.worldbank.org/repo rts.aspx?source=2&type=metadata& series=NY.GDP.PCAP.CD
N/A	N/A	N/A	GDP per capita, PPP (current international \$)	The World Bank Data Catalog	https://databank.worldbank.org/repo rts.aspx?source=2&type=metadata& series=NY.GDP.PCAP.PP.CD
N/A	N/A	N/A	GDP per capita growth (annual %)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/world-development- indicators/series/NY.GDP.PCAP.KD.Z G

Domain	Subdomain	Indicator name (as in the Operational Framework)	Indicator name (in Determinants dataset)	Source	Definition / Further information
N/A	N/A	N/A	Current health expenditure (% of GDP)	The World Bank Data Catalog	https://databank.worldbank.org/met adataglossary/health-nutrition-and- population- statistics/series/SH.XPD.CHEX.GD.ZS
N/A	N/A	N/A	Current health expenditure per capita (current US \$)	The World Bank Data Catalog	https://databank.worldbank.org/repo rts.aspx?source=2&type=metadata& series=SH.XPD.CHEX.PC.CD