0.a. Goal

Goal 2: Eliminate hunger, ensure food security, improve nutrition and promote sustainable agricultural development

0.b. Target

Target 2.2: By 2030, reduce all forms of malnutrition, meet the nutritional needs of children, adolescent girls, pregnant and lactating women, people elderly (Global 2.2 target)

0.c. Indicator

Indicator 2.2.1. Percentage of malnourished children under 5 years old

0.d. Series

Proportion of children suffering or severely stunted [2.2.1] SH_STA_STNT

Proportion of children suffering or severely wasted [2.2.2] SH_STA_WAST

0.e. Metadata update

June 2021

1.a. Organisation

Ministry of Health

1.f. Contact mail

No. 138A Giang Vo - Ba Dinh - Hanoi

1.g. Contact email

banbientap@moh.gov.vn

2.a. Definition and concepts

Malnutrition rate of children under 5 years old is the number of children under 5 years old who are malnourished in at least one of three categories: Weight for age; height for age or weight for height per 100 children measured in the area at the time of the survey.

Weight-for-age malnourished children are children under 5 years of age whose weight-for-age is less than two standard deviations (-2SD) of the median weight of the World Health Organization reference

population.

Height-for-age malnourished children are children under 5 years of age whose height-for-age is less than two standard deviations (-2SD) of the median height of the World Health Organization reference population.

Weight-for-height malnourished children are children under 5 years of age whose weight-for-height is less than two standard deviations (-2SD) of the World Health Organization reference population median weight. gender.

Nutritional status is classified according to the following levels:

- Normal: - 2SD

- Malnutrition:

Grade I (medium): < - 2SD and - 3SD

Grade II (severe): < - 3SD and - 4SD

Grade III (very severe): < - 4SD

where SD is the standard deviation.

2.c. Classifications

The list of administrative units in Vietnam issued together with the Prime Minister's Decision No. 124/2004/QD-TTg dated July 8, 2004 and the changes updated by the General Statistics Office to date December 31, 2019)

3.a. Data sources

- Nutrition survey;

- National level statistical reporting mode.

3.b. Data collection method

a) Nutrition survey

"Nutrition survey" is a survey under the national statistical survey program issued under Decision No. 43/2016/QD-TTg dated October 17, 2016. This is a sampling survey, where:

- Subject, investigation unit

+ Children under 5 years old;

+ Mothers of childbearing age 15 - 49 years old;

+ Residential.

- Content of investigation

+ Nutritional status;

+ Prevention of child malnutrition;

- Period and time of investigation: June 1 every year.

b) National statistical reporting mode

According to the provisions of Decree No. 60/2018/ND-CP dated April 20, 2018 promulgating the National Statistical Reporting Regime issued under, the Ministry of Health is responsible for collecting the form "003. N/BCB-YT – Percentage of malnourished children under 5 years old". The report is calculated from January 1 to December 31. Periodically, the Ministry of Health aggregates data from the Departments of Health of the provinces/cities under the Central Government and sends it to the General Statistics Office.

According to the provisions of the Law on Statistics, the General Statistics Office is responsible for appraising data on national statistical indicators implemented by the Ministry of Health and disclosing information.

3.d. Data release calendar

Year

3.e. Data providers

Ministry of Health

3.f. Data compilers

Ministry of Health

4.a. Rationale

- This indicator assesses the status of malnutrition in children, and monitors the number of children with developmental delays who are at high risk of illness or death due to poor diet and/or recurrent infections.

- As a basis for propaganda and education for parents, mothers and pregnant women to improve the quality of child care and prevent child malnutrition

- Reflecting on economic conditions and assessing maternal and child health care and evaluating the effectiveness of malnutrition prevention programs

4.b. Comment and limitations

Indicator Proportion of children under 5 years of age undernutrition in Vietnam:

- An additional category of malnutrition that is not globally available is weight-for-age malnutrition;

- Missing a globally regulated category is the percentage of children under 5 years of age who are obese.

4.c. Method of computation

Method of computation

Công thức tính:

$$\text{Tỷ lệ trẻ em dưới 5 tuổi suy dinh dưỡng cân nặng theo tuổi (\%)} = \frac{\text{Số trẻ em dưới 5 tuổi suy dinh dưỡng cân nặng theo tuổi}}{\text{Số trẻ em dưới 5 tuổi được cân}} \times 100$$

$$\text{Tỷ lệ trẻ em dưới 5 tuổi suy dinh dưỡng chiều cao theo tuổi (\%)} = \frac{\text{Số trẻ em dưới 5 tuổi suy dinh dưỡng chiều cao theo tuổi}}{\text{Số trẻ em dưới 5 tuổi được đo chiều cao}} \times 100$$

$$\text{Tỷ lệ trẻ em dưới 5 tuổi suy dinh dưỡng cân nặng theo chiều cao theo (\%)} = \frac{\text{Số trẻ em dưới 5 tuổi suy dinh dưỡng cân nặng theo chiều cao}}{\text{Số trẻ em dưới 5 tuổi được cân và đo chiều cao}} \times 100$$

5. Data availability and disaggregation

Annual data available by type of malnutrition from 2012-2019

Data available for disaggregated by sex, urban/rural for 2012-2019

Segmentation of regions and provinces/cities only has data from 2018

(Published source: Statistical Yearbook of the General Statistics Office)

6. Comparability/deviation from international standards

The indicator "Rate of malnourished children under 5 years old" of Vietnam corresponds to 02 international indicators:

- 2.2.1 Prevalence of stunting (height for age <-2 standard deviation from the median of the World Health Organization (WHO) Child Growth Standards) among children under 5 years of age stunting (height for age <-2 standard deviation from WHO mean));

- 2.2.2 Prevalence of malnutrition (weight for height >+2 or <-2 standard deviation from the median of the WHO Child Growth Standards) among children under 5 years of age, by type (wasting and overweight) (Tỷ lệ trẻ em dưới 5 tuổi suy dinh dưỡng (cân nặng theo chiều cao> + or <-2 standard deviations based on WHO median for child growth standards)

"Rate of undernourished children under 5 years old" is a national statistical indicator thus ensuring comparability with international data/standards.

7. References and Documentation

- Circular No. 03/2019/TT-BKHĐT dated January 22, 2019 stipulating the set of statistical indicators for sustainable development of Vietnam;

- Decree No. 60/2018/ND-CP dated April 20, 2018 promulgating the national statistical reporting regime

- Decision No. 43/2016/QD-TTg dated October 17, 2016 of the Prime Minister promulgating the National Statistical Survey Program;

- https://unstats.un.org/sdgs/metadata/