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# Nutrition Indicator Tables Guide

## Course overview World Health Assembly Global Nutrition Targets and Sustainable Development Goal Indicators

World Health Assembly Global Nutrition Targets 2025
1. To achieve a 40% reduction stunting among children under 5
2. To achieve a 50% reduction of anemia among women of reproductive age
3. To achieve a 30% reduction in low birth weight <sup>1</sup>
4. To ensure that there is no increase in childhood overweight
5. To increase exclusive breastfeeding in the first 6 months up to at least 50%
6. To reduce and maintain childhood wasting to less than 5%
Sustainable Development Goal 2 indicators
Prevalence of stunting among children under 5
Prevalence of wasting among children under 5
Prevalence of overweight among children under 5
Prevalence of anemia among women age 15-19 years
Prevalence of moderate or severe food insecurity in the population based on the Food Insecurity Experience Scale (FIES)

<sup>1</sup> Low birthweight is not included as part of this e-learning course

## I. Child Nutritional Status Indicators

Indicator <sup>1</sup>	Indicator definition	Numerator	Denominator
<b>Stunting</b>	Percentage of children under age 5 who are stunted	Number of children under age 5 whose height-for-age Z-score is less than minus 2 (-2.0) standard deviations (SD) below the median on the WHO Child Growth Standards	Number of children under age 5 who have valid values and plausible <sup>2</sup> height-for-age Z-scores
<b>Severe stunting</b>	Percentage of children under age 5 who are severely stunted	Number of children under age 5 whose height-for-age Z-score is less than minus 3 (-3.0) SD below the median on the WHO Child Growth Standards	
<b>Wasting</b>	Percentage of children under age 5 who are wasted	Number of children under age 5 whose weight-for-height Z-score is less than minus 2 (-2.0) SD below the median on the WHO Child Growth Standards	Number children under age 5 who have valid values and plausible <sup>3</sup> weight-for-height Z-scores
<b>Severe wasting</b>	Percentage of children under age 5 who are severely wasted	Number of children under age 5 whose weight-for-height Z-score is less than minus 3 (-3.0) SD below the median on the WHO Child Growth Standards	
<b>Overweight and obese</b>	Percentage of children under age 5 who are overweight or obese	Number of children under age 5 whose weight-for-height Z-score is greater than plus 2 (+2.0) SD above the median on the WHO Child Growth Standards	Number of children under age 5 who have valid values and plausible <sup>4</sup> weight-for-age Z-scores
<b>Underweight</b>	Percentage of children under age 5 who are underweight	Number of children under age 5 whose weight-for-age Z-score is less than minus 2 (-2.0) SD below the median on the WHO Child Growth Standards	
<b>Severe underweight</b>	Percentage of children under age 5 who are severely underweight	Number of children under age 5 whose weight-for-age Z-score is less than minus 3 (-3.0) SD below the median on the WHO Child Growth Standards	

<sup>1</sup> DHS reports nutritional status indicators based on children who stayed in the household the previous night

<sup>2</sup> Plausible Z scores exclude height-for-age Z-scores below -6 SD or above +6 SD

<sup>3</sup> Plausible Z scores exclude weight-for-height Z-scores below -5 SD or above +5 SD

<sup>4</sup> Plausible Z scores exclude weight-for-age Z-scores below -6 SD or above +5 SD

## II. Adult and Adolescent Nutritional Status Indicators

Indicators	Adolescent classifications	Adult classifications
Thin	BMI-for-age Z-score < -1 SD	BMI <18.5 kg/m <sup>2</sup>
Mildly thin	BMI-for-age Z-score <-1 SD to -2SD	BMI 17.0 kg/m <sup>2</sup> to 18.4 kg/m <sup>2</sup>
Moderately or severely thin	BMI-for-age Z-score < -2 SD	BMI <17.0 kg/m <sup>2</sup>
Normal	BMI-for-age Z-score -1SD to +1SD	BMI 18.5 kg/m <sup>2</sup> to 24.9 kg/m <sup>2</sup>
Overweight/obese (total)	BMI-for-age Z-score > +1SD	BMI ≥25.0 kg/m <sup>2</sup>
Overweight	BMI-for-age Z-score > +1SD to +2SD	BMI 25.0 kg/m <sup>2</sup> to 29.9 kg/m <sup>2</sup>
Obese	BMI-for-age Z-score > +2SD	BMI ≥30.0 kg/m <sup>2</sup>
Stature (women only)		
Short stature/Stunting	Height-for-age Z-score < -2SD	<145 cm

Indicator <sup>1</sup>	Indicator definition	Girls			Women	
		Numerator	Denominator		Numerator	Denominator
Short stature	Percentage of women age 15-19 who are stunted	Number of female adolescents age 15-19 whose height-for-age Z-score is less than minus 2 (-2.0) standard deviations (SD) below the median on the WHO Growth Reference.	Number of female adolescents age 15-19 who have valid and plausible <sup>3</sup> height-for-age Z-scores	Percentage of women age 20-49 with height below 145cm	Number of women age 20-49 with height below 145 cm	Number of women age 20-49 with a valid and plausible <sup>4</sup> height measurement
Normal <sup>2</sup> (women)	Percentage of adults age 15-19 with normal BMI-for-age Z-score	Number of non-pregnant, non-postpartum girls age 15-19 whose BMI-for-age Z-score is between minus 1 (-1.0) standard deviations (SD) and plus 1 (+1) SD above the median on the WHO Growth Reference.	Number of girls age 15-19 excluding girls who are pregnant or who gave birth in the 2 months preceding the date of the interview, who have valid and plausible <sup>5</sup> BMI-for-age Z-scores	Percentage of women age 20-49 with normal BMI	Number of non-pregnant, non-postpartum women age 20-49 with a body mass index (BMI) between 18.5 kg/m <sup>2</sup> -24.9 kg/m <sup>2</sup>	Number of women age 20-49, excluding women who are pregnant or who gave birth in the 2 months preceding the date of the interview, with valid and plausible <sup>6</sup> BMI

Indicator <sup>1</sup>	Indicator definition	Girls			Women	
		Numerator	Denominator		Numerator	Denominator
<b>Thin<sup>2</sup></b> (women)	<b>Percentage of women age 15-19 who are thin</b>	Number of non-pregnant, non-postpartum girls age 15-19 whose BMI-for-age Z-score is less than minus 1 (-1.0) SD below the median on the WHO Growth Reference.	Number of girls age 15–19 excluding girls who are pregnant or who gave birth in the 2 months preceding the date of the interview, who have valid and plausible <sup>5</sup> BMI-for-age Z-scores	<b>Percentage of women age 20-49 who are thin</b>	Number of non-pregnant, non-postpartum women age 20-49 with a BMI less than 18.5 kg/m <sup>2</sup>	Number of women age 20–49, excluding women who are pregnant or who gave birth in the 2 months preceding the date of the interview, with valid and plausible <sup>6</sup> BMI
<b>Mildly thin<sup>2</sup></b> (women)	<b>Percentage of women age 15-19 who are mildly thin</b>	Number of non-pregnant, non-postpartum girls age 15-19 whose BMI-for-age Z-score between minus 1 (-1.0) SD and minus 2 (-2.0) SD below the median on the WHO Growth Reference.	Number of girls age 15–19 excluding girls who are pregnant or who gave birth in the 2 months preceding the date of the interview, who have valid and plausible <sup>5</sup> BMI-for-age Z-scores	<b>Percentage of women age 20-49 who are mildly thin</b>	Number of non-pregnant, non-postpartum women age 20-49 with a BMI between 17.0 kg/m <sup>2</sup> and 18.4 kg/m <sup>2</sup>	Number of women age 20–49, excluding women who are pregnant or who gave birth in the 2 months preceding the date of the interview, with valid and plausible <sup>6</sup> BMI
<b>Moderately and severely thin<sup>2</sup></b> (women)	<b>Percentage of women age 15-19 who are moderately or severely thin</b>	Number of non-pregnant, non-postpartum girls age 15-19 whose BMI-for-age Z-score is less than minus 2 (-2.0) SD below the median on the WHO Growth Reference.	Number of girls age 15–19 excluding girls who are pregnant or who gave birth in the 2 months preceding the date of the interview, who have valid and plausible <sup>5</sup> BMI-for-age Z-scores	<b>Percentage of women age 20-49 who are moderately or severely thin</b>	Number of non-pregnant, non-postpartum women age 20-49 with a BMI less than 17.0 kg/m <sup>2</sup>	Number of women age 20–49, excluding women who are pregnant or who gave birth in the 2 months preceding the date of the interview, with valid and plausible <sup>6</sup> BMI
<b>Overweight/obese<sup>2</sup></b> (women)	<b>Percentage of women age 15-19 who are overweight or obese</b>	Number of non-pregnant, non-postpartum girls age 15-19 whose BMI-for-age Z-score is greater than plus 1 (1.0) SD above the median on the median on the WHO Growth Reference.	Number of girls age 15–19 excluding girls who are pregnant or who gave birth in the 2 months preceding the date of the interview, who have valid and plausible <sup>5</sup> BMI-for-age Z-scores	<b>Percentage of women age 20-49 who are overweight or obese</b>	Number of non-pregnant, non-postpartum women age 20-49 with a BMI of 25.0 kg/m <sup>2</sup> or more	Number of women age 20–49, excluding women who are pregnant or who gave birth in the 2 months preceding the date of the interview, with valid and plausible <sup>6</sup> BMI

Indicator <sup>1</sup>	Indicator definition	Girls			Women	
		Numerator	Denominator		Numerator	Denominator
<b>Overweight<sup>2</sup></b> (women)	<b>Percentage of women age 15-19 who are overweight</b>	Number of non-pregnant, non-postpartum girls age 15-19 whose BMI-for-age Z-score is between plus 1 (+1.0) SD and plus 2 (+2.0) SD above the median on the WHO Growth Reference.	Number of girls age 15–19 excluding girls who are pregnant or who gave birth in the 2 months preceding the date of the interview, who have valid and plausible <sup>5</sup> BMI-for-age Z-scores	<b>Percentage of women age 20-49 who are overweight</b>	Number of non-pregnant, non-postpartum women age 20-49 with a BMI between 25.0 kg/m <sup>2</sup> -29.9 kg/m <sup>2</sup>	Number of women age 20–49, excluding women who are pregnant or who gave birth in the 2 months preceding the date of the interview, with valid and plausible <sup>6</sup> BMI
<b>Obese<sup>2</sup></b> (women)	<b>Percentage of women age 15-19 who are obese</b>	Number of non-pregnant, non-postpartum girls age 15-19 whose BMI-for-age Z-score is greater than plus 2 (2.0) SD above the median on the median on the WHO Growth Reference.	Number of girls age 15–19 excluding girls who are pregnant or who gave birth in the 2 months preceding the date of the interview, who have valid and plausible <sup>5</sup> BMI-for-age Z-scores	<b>Percentage of women age 20-49 who are obese</b>	Number of non-pregnant, non-postpartum women age 20-49 with a BMI of 30.0 kg/m <sup>2</sup> or more	Number of women age 20–49, excluding women who are pregnant or who gave birth in the 2 months preceding the date of the interview, with valid and plausible <sup>6</sup> BMI

<sup>1</sup> DHS reports nutritional status indicators based on women who stayed in the household the previous night

<sup>2</sup> These indicators exclude girls/women that are not pregnant or who had a birth in the preceding 2 months because of the weight gain associated with pregnancy

<sup>3</sup> Plausible Z scores exclude height-for-age Z-scores below -6 SD or above +6 SD

<sup>4</sup> Plausible height measurements exclude those below 130 cm or above 220 cm

<sup>5</sup> Plausible Z scores exclude BMI-for-age Z-scores below -5 SD or above +5 SD

<sup>6</sup> Plausible BMI measurements exclude values below 12.0 kg/m<sup>2</sup> or above 60.0 kg/m<sup>2</sup>

Indicator <sup>1</sup>	Indicator definition	Boys			Men	
		Numerator	Denominator		Numerator	Denominator
<b>Normal</b>	<b>Percentage of men age 15-19 with normal BMI-for-age Z-score</b>	Number of boys age 15-19 whose BMI-for-age Z-score is between minus 1 (-1.0) SD and 1 (+1) SD above the median on the WHO Growth Reference.	Number of boys age 15–19 who have valid and plausible <sup>2</sup> BMI-for-age Z-scores	<b>Percentage of men age 20-49 with normal BMI</b>	Number of men age 20-49 with a BMI between 18.5 kg/m <sup>2</sup> -24.9 kg/m <sup>2</sup>	Number of men age 20–49, with valid and plausible <sup>3</sup> BMI

<b>Thin</b>	<b>Percentage of men age 15-19 who are thin</b>	Number of boys age 15-19 whose BMI-for-age Z-score is less than minus 1 (-1.0) SD below the median on the WHO Growth Reference.	Number of boys age 15-19 who have valid and plausible <sup>2</sup> BMI-for-age Z-scores	<b>Percentage of men age 20-49 who are thin</b>	Number of men age 20-49 with a BMI less than 18.5 kg/m <sup>2</sup>	Number of men age 20-49, with valid and plausible <sup>3</sup> BMI
<b>Mildly thin</b>	<b>Percentage men age 15-19 who are mildly thin</b>	Number of boys age 15-19 whose BMI-for-age Z-score between minus 1 (-1.0) SD and minus 2 (-2.0) SD below the median on the WHO Growth Reference.	Number of boys age 15-19 who have valid and plausible <sup>2</sup> BMI-for-age Z-scores	<b>Percentage or men age 20-49 who are mildly thin</b>	Number of men age 20-49 with a BMI between 17.0 kg/m <sup>2</sup> and 18.4 kg/m <sup>2</sup>	Number of men age 20-49, with valid and plausible <sup>3</sup> BMI
<b>Moderately and severely thin</b>	<b>Percentage men age 15-19 who are moderately or severely thin</b>	Number of boys age 15-19 whose BMI-for-age Z-score is less than minus 2 (-2.0) SD below the median on the WHO Growth Reference.	Number of boys age 15-19 who have valid and plausible <sup>2</sup> BMI-for-age Z-scores	<b>Percentage or men age 20-49 who are moderately or severely thin</b>	Number of men age 20-49 with a BMI less than 17.0 kg/m <sup>2</sup>	Number of men age 20-49, with valid and plausible <sup>3</sup> BMI
<b>Overweight/obese</b>	<b>Percentage men age 15-19 who are overweight or obese</b>	Number of boys age 15-19 whose BMI-for-age Z-score is greater than plus 1 (+1.0) SD above the median on the WHO Growth Reference.	Number of boys age 15-19 who have valid and plausible <sup>2</sup> BMI-for-age Z-scores	<b>Percentage or men age 20-49 who are overweight or obese</b>	Number of men age 20-49 with a BMI of 25.0 kg/m <sup>2</sup> or more	Number of men age 20-49, with valid and plausible <sup>3</sup> BMI
<b>Overweight</b>	<b>Percentage men age 15-19 who are overweight</b>	Number of boys age 15-19 whose BMI-for-age Z-score is plus 1 (+1.0) SD and plus 2 (+2.0) SD above the median on the WHO Growth Reference.	Number of boys age 15-19 who have valid and plausible <sup>2</sup> BMI-for-age Z-scores	<b>Percentage or men age 20-49 who are overweight</b>	Number of men age 20-49 with a BMI between 25.0 kg/m <sup>2</sup> -29.9 kg/m <sup>2</sup>	Number of men age 20-49, with valid and plausible <sup>3</sup> BMI
<b>Obese</b>	<b>Percentage men age 15-19 who are obese</b>	Number of boys age 15-19 whose BMI-for-age Z-score is greater than plus 2 (+2.0) SD above the median on the WHO Growth Reference.	Number of boys age 15-19 who have valid and plausible <sup>2</sup> BMI-for-age Z-scores	<b>Percentage or men age 20-49 who are obese</b>	Number of men age 20-49 with a BMI of 30.0 kg/m <sup>2</sup> or more	Number of men age 20-49, with valid and plausible <sup>3</sup> BMI

<sup>1</sup> DHS reports nutritional status indicators based on men who stayed in the household the previous night

<sup>2</sup> Plausible Z scores exclude BMI-for-age Z-scores below -5 SD or above +5 SD

<sup>3</sup> Plausible BMI measurements exclude values below 12.0 kg/m<sup>2</sup> or above 60.0 kg/m<sup>2</sup>

### III. Child Growth Monitoring

Indicator <sup>1</sup>	Indicator definition	Numerator	Denominator
Weight measured in the last 3 months	Percentage of children under age 5 who had their weight measured in the last 3 months	Number of children under age 5 who had their weight measured in the last 3 months	Number of children under age 5
Weight and height measured in the last 3 months	Percentage of children under age 5 who had their weight and height measured in the last 3 months	Number of children under age 5 who had their weight and height measured in the last 3 months	Number of children under age 5
Mid-upper arm circumference (MUAC) measured in the last 3 months	Percentage of children under age 5 who had their MUAC measured in the last 3 months	Number of children under age 5 who had their MUAC measured in the last 3 months	Number of children under age 5
Weight, height, and MUAC measured in the last 3 months	Percentage of children under age 5 who had their weight, height, and MUAC measured in the last 3 months	Number of children under age 5 who had their weight, height, and MUAC measured in the last 3 months	Number of children under age 5

<sup>1</sup> DHS reports child growth monitoring indicators based on children who stayed in the household the previous night



## IV. Infant and Young Child Feeding

Indicator <sup>1</sup>	Indicator definition	Numerator	Denominator
<b>Breastfeeding indicators<sup>2</sup></b>			
1. <i>Ever breastfed</i>	Percentage of children age 0-23 months who were ever breastfed	Number of children age 0-23 months who were ever breastfed	Number of children age 0-23 months
2. <i>Early initiation of breastfeeding</i>	Percentage of children age 0-23 months who were put to the breast within 1 hour of birth	Number of children age 0-23 months who were put to the breast within one hour of birth	Number of children age 0-23 months
3. <i>Exclusively breastfed for the first 2 days after birth</i>	Percentage of children age 0-23 months who were fed exclusively with breastmilk for the first 2 days after birth	Number of children age 0-23 months who were fed exclusively with breastmilk for the first 2 days after birth	Number of children age 0-23 months
4. <i>Exclusive breastfeeding under 6 months</i>	Percentage of children age 0-5 months who were fed exclusively with breastmilk during the previous day	Number of youngest children age 0-5 months living with the mother who received only breastmilk during the previous day	Number of youngest children age 0-5 months living with the mother
5. <i>Mixed milk feeding under 6 months</i>	Percentage of children age 0-5 months who were fed both breastmilk and formula or animal milk during the previous day	Number of youngest children age 0-5 months living with the mother who were fed both breastmilk and formula or animal milk during the previous day	Number of youngest children age 0-5 months living with the mother
6. <i>Continued breastfeeding at 12-23 months</i>	Percentage of children age 12-23 months who were fed breastmilk during the previous day	Number of children age 12-23 months who were fed breastmilk during the previous day	Number of children age 12-23 months
<b>Complementary feeding indicators<sup>3</sup></b>			
7. <i>Introduction of solid, semi-solid or soft foods 6-8 months</i>	Percentage of children age 6-8 months who were fed solid, semi-solid, or soft foods during the previous day	Number of youngest children age 6-8 months living with the mother who were fed solid, semi-solid, or soft foods during the previous day	Number of youngest children age 6-8 months living with the mother
8. <i>Minimum dietary diversity 6-23 months</i>	Percentage of children age 6-23 months who were fed foods and beverages from at least 5 out of 8 defined food groups during the previous day	Number of youngest children age 6-23 months living with the mother who were fed foods and beverages from 5 or more of the following 8 food groups during the previous day: 1) breastmilk; 2) grains, white/pale starchy roots, tubers, and plantains; 3) beans, peas, lentils, nuts and seeds; 4) dairy products; 5) flesh foods; 6) eggs; 7) vitamin-A rich fruits and vegetables; 8) other fruits and vegetables	Number of youngest children age 6-23 months living with the mother

<b>9. Minimum meal frequency 6-23 months</b>	Percentage of children age 6–23 months of age who were fed solid, semi-solid, or soft foods (but also including milk feeds for non-breastfed children) the minimum number of times or more during the previous day	<p><i>Breastfed:</i> Number of youngest children age 6-23 months living with the mother who were fed solid or semi-solid foods at least twice a day for infants 6-8 months OR at least three times a day for children 9-23 months during the previous day</p> <p><i>Non-breastfed:</i> Number of youngest children age 6-23 months living with the mother who were fed solid, semi-solid, or soft foods or milk feeds at least four times a day for children 9-23 months during the previous day, with at least 1 of the 4 being a solid, semi-solid or soft food feed</p>	Number of youngest children age 6-23 months living with the mother
<b>10. Minimum milk feeding frequency for non-breastfed children 6-23 months<sup>4</sup></b>	Percentage of non-breastfed children age 6-23 months who were given at least two milk feeds during the previous day	Number of youngest children age 6-23 months living with the mother who were not breastfed and were given at least two milk feeds during the previous day	Number of youngest children age 6-23 months living with the mother who were not breastfed
<b>11. Minimum acceptable diet 6-23 months</b>	Percentage of children age 6–23 months who were fed a minimum acceptable diet during the previous day	<p><i>Breastfed:</i> Number of youngest children age 6-23 months living with the mother who were fed a minimum dietary diversity and minimum meal frequency during the previous day</p> <p><i>Non-breastfed:</i> Number of youngest children age 6-23 months living with the mother who are fed a minimum dietary diversity and minimum meal frequency and received the minimum milk feeding frequency during the previous day</p>	Number of youngest children age 6-23 months living with the mother
<b>12. Egg and/or flesh food consumption 6-23 months</b>	Percentage of children age 6-23 months who were fed egg and/or flesh food during the previous day	Number of youngest children age 6-23 months living with the mother who were fed egg and/or flesh food during the previous day	Number of youngest children age 6-23 months living with the mother
<b>13. Sweet beverage consumption 6-23 months</b>	Percentage of children age 6-23 months who were given a sweet beverage during the previous day	Number of youngest children age 6-23 months living with the mother who were given a sweeten beverage during the previous day	Number of youngest children age 6-23 months living with the mother
<b>14. Unhealthy food consumption 6-23 months</b>	Percentage of children age 6-23 months who were fed selected sentinel unhealthy foods during the previous day	Number of youngest children age 6-23 months living with the mother who were fed selected sentinel unhealthy foods during the previous day	Number of youngest children age 6-23 months living with the mother
<b>15. Zero vegetable or fruit consumption 6-23 months</b>	Percentage of children age 6-23 months who were not fed any vegetables or fruits during the previous day	Number of youngest children age 6-23 months living with the mother who were not fed any vegetables or fruits during the previous day	Number of youngest children age 6-23 months living with the mother

<b>Other indicators</b>			
<b>16. Bottle feeding</b>	Percentage of children age 0-23 months who were fed from a bottle with a nipple during the previous day	Number of children age 0-23 months who were fed from a bottle with a nipple during the previous day	Number of children age 0-23 months
<b>17. Infant feeding area graph<sup>5</sup></b>	Percent distribution of youngest children age 0-5 months living with their mother, by feeding category	Number of youngest children age 0-5 months living with the mother who were fed during the previous day according to feeding category  Note: feeding categories are: a) breastmilk only; b) breastmilk and plain water only; c) breastmilk and non-milk liquids; d) breastmilk and formula and/or animal milk; e) breastmilk, and solid, semi-solid, or soft foods; f) not breastfed; g) unknown	Number of youngest children 0-5 months living with their mother

<sup>1</sup> DHS reports IYCF indicators based on children who stayed in the household the previous night

<sup>2</sup> Breastfeeding indicators are based on all children under age 2, except for exclusive breastfeeding and mixed milk feeding, which are based on the youngest children age 0-5 months living with the mother, and continued breastfeeding which is based on all children age 12-23 months.

<sup>3</sup> Milk feedings include formula milk, animal milk, drinkable yogurt, and other drinkable fermented products made with animal milk

<sup>4</sup> Complementary feeding indicators are based on the youngest child age 6-23 months living with the mother, except the introduction of solid, semi-solid or soft foods, which is based on the youngest child age 6-8 months living with the mother

<sup>5</sup> The categories of breastmilk only, breast milk and plain water only, breast milk and non-milk liquids, breastmilk and formula and/or animal milk, breastmilk and solid, semi-solid, or soft foods, and not breastfed are hierarchical and mutually exclusive. Unknown refers to children whose feeding category is classified as unknown due to "don't know" responses.

## V. Women's Dietary Practices

Indicator <sup>1</sup>	Definition	Numerator	Denominator
<b>Minimum Dietary Diversity for Women</b>	Percentage of women age 15-49 who consumed foods from at least 5 out of 10 defined food groups during the previous day	Number of women age 15-49 who consumed foods from 5 or more of the following 10 food groups in the day or night before the interview: 1) grains, white/pale starchy roots, tubers, and plantains; 2) pulses; 3) nuts and seeds; 4) dairy; 5) flesh foods; 6) eggs; 7) dark green leafy vegetables; 8) vitamin-A rich fruits and vegetables; 9) other vegetables; 10) other fruits	Number of women age 15-49
<b>Sweet Beverage Consumption</b>	Percentage of women age 15-49 who consumed sweet beverages during the previous day	Number of women age 15-49 who consumed sweet beverages in the day or night before the interview	Number of women age 15-49
<b>Unhealthy Food Consumption</b>	Percentage of women age 15-49 who consumed selected sentinel unhealthy foods during the previous day	Number of women age 15-49 who consumed unhealthy foods in the day or night before the interview	Number of women age 15-49

<sup>1</sup> DHS reports women's dietary practices indicators based on women who stayed in the household the previous night

## VI. Nutrition Counseling

Indicator <sup>1</sup>	Definition	Numerator	Denominator
<b>Counseling about maternal diet during pregnancy</b>	Percentage of women age 15-49 with a live birth or stillbirth in the last 2 years who received counseling about maternal diet during pregnancy of the most recent live birth or stillbirth from a healthcare provider	Number of women age 15-49 with a live birth or stillbirth in the last 2 years who received counseling about which foods or how much food to eat during pregnancy of the most recent live birth or stillbirth	Number of women age 15-49 with a live birth and/or stillbirth in the last 2 years
<b>Breastfeeding counseling during pregnancy</b>	Percentage of women age 15-49 with a live birth or stillbirth in the last 2 years who received counseling about breastfeeding during pregnancy of the most recent live birth or stillbirth from a healthcare provider	Number of women age 15-49 with a live birth or stillbirth in the last 2 years who received counseling about breastfeeding during pregnancy of the most recent live birth or stillbirth	Number of women age 15-49 with a live birth and/or stillbirth in the last 2 years
<b>Breastfeeding counseling during postnatal care</b>	Percentage of most recent live births in the last 2 years, for whom the mother was counseled about breastfeeding by a healthcare provider during the first 2 days after birth	Number of most recent live births in the last 2 years for which the mother was counseled about breastfeeding during the first 2 days after the birth	Number of most recent live births in the last 2 years
<b>Direct observation of breastfeeding during postnatal</b>	Percentage of most recent live births in the last 2 years, for whom the mother was observed breastfeeding by a healthcare provider during the first 2 days after birth	Number of most recent live births in the last 2 years for which the mother was counseled and observed breastfeeding during the first 2 days after the birth	Number of most recent live births in the last 2 years
<b>Mothers with children 6-23 months who received IYCF counseling in the last 6 months</b>	Percentage of mothers with children age 6-23 months who received IYCF counseling in the last 6 months by a healthcare provider or community health worker	Number of women whose youngest child 6-23 months is living with them and who received IYCF counseling in the last 6 months	Number of women whose youngest child 6-23 months is living with them

<sup>1</sup> DHS reports nutrition counseling indicators based on women and children who stayed in the household the previous night

## VII. Adult and Child Anemia

		Indicator <sup>1,2</sup>			
Population		<i>Any anemia</i>	<i>Mild anemia</i>	<i>Moderate anemia</i>	<i>Severe anemia</i>
Children	<b>Definition</b>	Percentage of children age 6-59 months with any anemia	Percentage of children age 6-59 months with mild anemia	Percentage of children age 6-59 months with moderate anemia	Percentage of children age 6-59 months with severe anemia
	<b>Numerator</b>	Number of children age 6-59 months whose hemoglobin level is less than 11.0 grams per deciliter (g/dl)	Number of children age 6-59 months whose hemoglobin level is between 10.0-10.9 g/dl	Number of children age 6-59 months whose hemoglobin level is between 7.0-9.9 g/dl	Number of children age 6-59 months whose hemoglobin level is less than 7 g/dl <sup>3</sup>
	<b>Denominator</b>	Number of children age 6-59 months tested for anemia			
Women	<b>Definition</b>	Percentage of women age 15-49 years with any anemia	Percentage of women age 15-49 years with mild anemia	Percentage of women age 15-49 years with moderate anemia	Percentage of women age 15-49 years with severe anemia
	<b>Numerator</b>	Number of non-pregnant women age 15-49 whose hemoglobin level is less than 12.0 g/dl plus number of pregnant women age 15-49 whose level is less than 11.0 g/dl	Number of non-pregnant women age 15-49 whose hemoglobin level is between 11.0-11.9 g/dl plus number of pregnant women age 15-49 whose level is between 10.0-10.9 g/dl	Number of non-pregnant women age 15-49 whose hemoglobin level is between 8.0-10.9 g/dl plus number of pregnant women age 15-49 whose level is between 7.0-9.9 g/dl	Number of non-pregnant women age 15-49 whose hemoglobin count is less than 8.0 g/dl plus number of pregnant women age 15-49 whose level is less than 7.0 g/dl
	<b>Denominator</b>	Number of women age 15-49 tested for anemia			
Men	<b>Definition</b>	Percentage of men age 15-49 years with any anemia	Percentage of men age 15-49 years with mild anemia	Percentage of men age 15-49 years with moderate anemia	Percentage of men age 15-49 years with severe anemia
	<b>Numerator</b>	Number of men age 15-49 whose hemoglobin level is less than 13.0 g/dl	Number of men age 15-49 whose hemoglobin level is between 11.0-12.9 g/dl	Number of men age 15-49 whose hemoglobin level is between 8.0-10.9 g/dl	Number of men age 15-49 whose hemoglobin level is less than 8.0 g/dl
	<b>Denominator</b>	Number of men age 15-49 tested for anemia			

<sup>1</sup> DHS reports anemia indicators based on children, women, and men who stayed in the household the previous night.

<sup>2</sup> The Indicators include children, women, and men who were tested and who have recorded hemoglobin values.

<sup>3</sup> In Malaria Indicator Surveys (MIS) the cutoff value for malaria-related anemia (8.0 g/dl) is different from the cutoff value used for severe anemia in nutrition (7.0 g/dl).

## VIII. Micronutrient Supplementation and Deworming in Children

Indicator <sup>1</sup>	Definition	Numerator	Denominator
<b>Given iron tablets or syrups 6-59 months</b>	Percentage of children age 6-59 months who were given iron tablets or syrups	Number of children age 6-59 months who were given iron tablets or syrups in the 12 months preceding the interview	Number of children age 6-59 months
<b>Given multiple micronutrient powders 6-59 months</b>	Percentage of children age 6-59 months who were given multiple micronutrient powders	Number of children age 6-59 months who were given multiple micronutrient powders in the 12 months preceding the interview	Number of children age 6-59 months
<b>Given iron-containing supplements 6-59 months</b>	Percentage of children age 6-59 months who were given iron-containing supplements	Number of children age 6-59 months who were given iron-containing supplements in the 12 months preceding the interview	Number of children age 6-59 months
<b>Given vitamin A supplements 6-59 months</b>	Percentage of children age 6-59 months who were given vitamin A supplements	Number of children age 6-59 months who were given vitamin A supplements in the 6 months preceding the interview	Number of children age 6-59 months
<b>Given deworming medication 12-59 months</b>	Percentage of children age 12-59 months who were given deworming medication	Number of children age 12-59 months who were given deworming medication in the 6 months preceding the interview	Number of children age 12-59 months

<sup>1</sup> DHS reports micronutrient supplementation and deworming indicators based on children who stayed in the household the previous night.

## IX. Food/Cash Assistance, Deworming, and Iron-containing Supplementation during Pregnancy

Indicator <sup>1</sup>	Definition	Numerator	Denominator
<b>Receipt of food or cash assistance during pregnancy</b>	Percentage of women age 15-49 with a live birth or stillbirth in the last 2 years, who received food or cash assistance during the pregnancy of the most recent live birth or stillbirth	Number of women age 15-49 who received food or cash assistance during the pregnancy of the most recent live birth or stillbirth	Number of women age 15-49 with a live birth and/or stillbirth in the last 2 years
<b>Took deworming medication during pregnancy</b>	Percentage of women age 15-49 with a live birth or stillbirth in the last 2 years, who took deworming medication during the pregnancy of the most recent live birth or stillbirth	Number of women age 15-49 who took deworming medication during the pregnancy of the most recent live birth or stillbirth	Number of women age 15-49 with a live birth and/or stillbirth in the last 2 years
<b>Took any iron-containing supplements during pregnancy</b>	Percentage of women age 15-49 with a live birth or stillbirth in the last 2 years, who took any iron-containing supplements during the pregnancy of the most recent live birth or stillbirth	Number of women age 15-49 who took any iron-containing supplements during the pregnancy of the most recent live birth or stillbirth	Number of women age 15-49 with a live birth and/or stillbirth in the last 2 years
<b>Number of days women took iron-containing supplements during pregnancy</b>	Percent distribution of the number of days during which women age 15-49 with a live birth or stillbirth in the last 2 years took iron-containing supplements during pregnancy for the most recent live birth or stillbirth	Number of women age 15-49 distributed by the number of days they took iron-containing supplements during the pregnancy of the most recent live birth or stillbirth (none, less than 60, 60-89, 90-179, 180+ , don't know)	Number of women age 15-49 with a live birth and/or stillbirth in the last 2 years
<b>Source of iron-containing supplements</b>	Percentage of women age 15-49 with a live birth or stillbirth in the last 2 years, who were given or bought iron-containing supplements during the pregnancy of the most recent live birth or stillbirth, by source of supplement	Number of women age 15-49 who were given or bought iron-containing supplements and who obtained the supplements from various sources.	Number of women age 15-49 with a live birth and/or stillbirth in the last 2 years

<sup>1</sup> DHS reports food/cash assistance, deworming, and iron-containing supplementation based on women who stayed in the household the previous night.



## X. Salt Iodization

Indicator <sup>1</sup>	Definition	Numerator	Denominator
Household salt iodization	Percentage of households with salt tested which contained iodized salt	Number of households with iodized salt	Number of households in which salt was tested for iodine content

<sup>1</sup> DHS reports household salt iodization based on interviews households.

## XI. Anthropometry Data Quality

Indicator <sup>1</sup>	Definition	Numerator	Denominator
<i>Trainee precision</i>	Precision TEM	Number of trainees with precision TEM	Number of trainees who completed the standardization exercise
<i>Trainee accuracy</i>	Accuracy TEM	Number of trainees with accuracy TEM	
<i>Incomplete data for height</i>	Percentage of children under age 5 with data incomplete or missing for height/length	Number of children under age 5 with missing or incomplete height	Number children under age 5
<i>Incomplete data for weight</i>	Percentage of children under age 5 with data incomplete or missing for weight	Number of children under age 5 with missing or incomplete weight	
<i>Incomplete data for month or year of birth</i>	Percentage of children under age 5 with data incomplete or missing for month or year of birth	Number of children under age 5 with missing or incomplete month or year of birth	
<i>Implausible data for height-for-age</i>	Percentage of children under age 5 with implausible height-for-age data	Number of children with implausible data for height-for-age	Number of children under age 5 who have complete height and age
<i>Implausible data for weight-for-height</i>	Percentage of children under age 5 with implausible weight-for-height data	Number of children with implausible data for weight-for-height	Number of children under age 5 who have complete weight and height
<i>Implausible data for weight-for-age</i>	Percentage of children under age 5 with implausible weight-for-age data	Number of children with implausible data for weight-for-age	Number of children under age 5 who have complete weight and age
<i>Valid data for height-for-age</i>	Percentage of children under age 5 with valid height-for-age data	Number of children with no missing, incomplete, or implausible height-for-age data	Number of children under age 5
<i>Valid data for weight-for-height</i>	Percentage of children under age 5 with valid weight-for-height data	Number of children with no missing, incomplete, or implausible weight-for-age data	
<i>Valid data for weight-for-age</i>	Percentage of children under age 5 with valid weight-for-age data	Number of children with no missing, incomplete, or implausible weight-for-age data	
<i>Height measurements with a difference &gt;1 cm<sup>2</sup></i>	Percentage of height measurements with a difference >1 cm	Number of height re-measurements among children under age 5 with a difference >1cm	Number of children under age 5 randomly selected and remeasured
<i>Median difference in height measurements<sup>2</sup></i>	Median difference in height measurements	Mid-point value of the height re-measurements among children under age 5	

<b><i>Height measurement interference</i></b>	Percentage of children under age 5 for whom hairstyle or ornamentation interfered with height measurement	Number of children with hairstyles or ornaments that interfered with height measurement	Number of children under age 5
<b><i>Weight measurement interference</i></b>	Percentage of children under age 5 who were not minimally dressed or who wore heavy permanent ornaments during weight measurement	Number of children not minimally dressed or who wore heavy ornaments during weight measurement	Number of children under age 5

<sup>1</sup> DHS reports anthropometry data quality indicators based on children who stayed in the household the previous night

<sup>2</sup> This indicator is based on children selected for random remeasurement who have a first and second measurement.

## XII. Food Insecurity

Indicator <sup>1</sup>	Definition	Numerator	Denominator
<i>Moderate or severe food insecurity</i>	Percentage of the de jure population that have experienced moderate or severe food insecurity in the last 12 months	De jure population with moderate or severe food insecurity	Number of persons
<i>Severe food insecurity</i>	Percentage of the de jure population that have experienced severe food insecurity in the last 12 months	De jure population with severe food insecurity	

<sup>1</sup> DHS reports food insecurity indicators based on the de jure population. That is all usual residents of the household whether or not they stayed in the household the night before the interview.