

SDG Goal 2 Zero hunger

SDG Target 2.2 By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons

SDG Indicator 2.2.2 Prevalence of malnutrition (weight for height $>+2$ or <-2 standard deviation from the median of the World Health Organization (WHO) Child Growth Standards) among children under 5 years of age, by type (wasting and overweight)

1. Name of data series	
Wasting among children under the age of 5 years	
Compliant with SDG metadata: yes	SDG Metadata

2. Definition of indicator	
The indicator “wasting among children under the age of 5 years” measures the prevalence of malnutrition among children under 5 years of age. Wasting is defined as weight-for-height (weight in relation to height) below minus two standard deviation from the median of the World Health Organization (WHO) Child Growth Standards.	
3. Comparison with SDG metadata (as of 02/12/2019)	
The indicator is compliant with the international metadata description of the SDG indicator 2.2.2. The data covers only the range of 3- and 4-year-old children.	

4. Data description	
The data are derived on the “German Health Interview and Examination Survey for Children and Adolescents” (KiGGS). KiGGS is part of the health monitoring system at the Robert Koch Institute (RKI) and includes cross-sectional surveys of children and adolescents. KiGGS repeatedly supplies data, representative of the country as a whole, on the health of under 18-year-olds. The first KiGGS baseline study took place between 2003 and 2006 in the form of an interview and examination survey. The first follow-up study called KiGGS Wave 1 began in 2009 and ended in 2012. In this wave, the data were obtained by telephone interviews. KiGGS Wave 2 started in September 2014 and ended in August 2017. In addition to the interviews, the study program also included physical examinations, laboratory analysis of blood and urine samples as well as physical tests. In the examination part of KiGGS Wave 2 children aged 3 to 17 year were included. Therefore, data on height and weight for the age group under 5 years are only available for 3- and 4-year-old children (n=215 girls and 221 boys).	
5. Calculation method	
$\text{Wasting among children} = \frac{\text{Wasted children (number)}}{\text{Children examined (number)}} \cdot 100$	
6. Unit of measure	%

7. Timeliness	8. Frequency
t + 12 months	Irregular
9. Last regular revision	10. Revised period
Not applicable	Not applicable

11. Accessibility of source data

KiGGS:

<https://www.kiggs-studie.de/english/home.html>

KiGGS Wave 2:

https://www.rki.de/EN/Content/Health_Monitoring/Health_Reporting/GBEDownloads/ConceptsMethods_en/JoHM_03_2018_Weight_Reference_Systems_KiGGS-Wave2.pdf?__blob=publicationFile

https://www.rki.de/EN/Content/Health_Monitoring/Health_Reporting/GBEDownloads/JoHM_03_2018_KiGGS-Wave2_Health_Situation.pdf?__blob=publicationFile

Public use files available:

https://www.rki.de/EN/Content/Health_Monitoring/Public_Use_Files/public_use_file_node.html

12. Metadata on source data

KiGGS:

https://www.rki.de/EN/Content/Health_Monitoring/Health_Reporting/GBEDownloads/JoHM_03_2018_KiGGS-Wave2_Health_Situation.pdf?__blob=publicationFile

13. Related SDG data series (duplicate indicators or sub-indicators to same indicator)

2.2.2 Overweight among children under the age of 5 years

For more information please contact: <https://www.destatis.de/EN/Service/Contact/Contact.html>

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SDG Indicator 2.2.2 Prevalence of malnutrition (weight for height $\geq +2$ or ≤ -2 standard deviation from the median of the World Health Organization (WHO) Child Growth Standards) among children under 5 years of age, by type (wasting and overweight)

1. Name of data series	
Overweight among children under the age of 5 years	
Compliant with SDG metadata: yes	SDG Metadata

2. Definition of indicator	
The indicator “overweight among children under the age of 5 years” measures the prevalence of malnutrition among children under 5 years of age. Overweight is defined as weight-for-height (weight in relation to height) above plus two standard deviation from the median of the World Health Organization (WHO) Child Growth Standards.	
3. Comparison with SDG metadata (as of 02/12/2019)	
The indicator is compliant with the international metadata description of the SDG indicator 2.2.2. The data covers only the range of 3- and 4-year-old children.	

4. Data description	
The data are derived on the “German Health Interview and Examination Survey for Children and Adolescents” (KiGGS). KiGGS is part of the health monitoring system at the Robert Koch Institute (RKI) and includes cross-sectional surveys of children and adolescents. KiGGS repeatedly supplies data, representative of the country as a whole, on the health of under 18-year-olds. The first KiGGS baseline study took place between 2003 and 2006 in the form of an interview and examination survey. The first follow-up study called KiGGS Wave 1 began in 2009 and ended in 2012. In this wave, the data were obtained by telephone interviews. KiGGS Wave 2 started in September 2014 and ended in August 2017. In addition to the interviews, the study program also included physical examinations, laboratory analysis of blood and urine samples as well as physical tests. In the examination part of KiGGS Wave 2 children aged 3 to 17 year were included. Therefore, data on height and weight for the age group under 5 years are only available for 3- and 4-year-old children (n=215 girls and 221 boys).	
5. Calculation method	
$\text{Overweight among children} = \frac{\text{Overweight children (number)}}{\text{Children examined (number)}} \cdot 100$	
6. Unit of measure	%

7. Timeliness	8. Frequency
t + 12 months	Irregular
9. Last regular revision	10. Revised period
Not applicable	Not applicable

<p>11. Accessibility of source data</p> <p>KiGGS: https://www.kiggs-studie.de/english/home.html</p> <p>KiGGS Wave 2: https://www.rki.de/EN/Content/Health_Monitoring/Health_Reporting/GBEDownloads/ConceptsMethods_en/JoHM_03_2018_Weight_Reference_Systems_KiGGS-Wave2.pdf?__blob=publicationFile https://www.rki.de/EN/Content/Health_Monitoring/Health_Reporting/GBEDownloads/JoHM_03_2018_KiGGS-Wave2_Health_Situation.pdf?__blob=publicationFile</p> <p>Public use files available: https://www.rki.de/EN/Content/Health_Monitoring/Public_Use_Files/public_use_file_node.html</p>
<p>12. Metadata on source data</p> <p>KiGGS: https://www.rki.de/EN/Content/Health_Monitoring/Health_Reporting/GBEDownloads/JoHM_03_2018_KiGGS-Wave2_Health_Situation.pdf?__blob=publicationFile</p>
<p>13. Related SDG data series (duplicate indicators or sub-indicators to same indicator)</p>
<p>Not applicable</p>

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