Health Equity Monitor Compendium of Indicator Definitions



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Adolescent fertility rate (per 1000 women aged 15-19 years)

Indicator ID 3322

Indicator name Adolescent fertility rate (per 1000 women aged 15–19 years)

Data Type Representation Rate

Topic Health Equity Monitor

Definition The annual number of births to women aged 15–19 years per 1000 women in

that age group.

It is also referred to as the age-specific fertility rate for women aged 15-19

years.

Numerator: Number of births that occurred in the 1-36 months prior to the

survey to women aged 15–19 years at the time of the birth.

Denominator: Number of women-years of exposure in the 1-36 months prior to

the survey of women aged 15-19 years.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

micro-data which are publicly available using the standard indicator

definitions as published in DHS documentation. The analysis was done by the

International Center for Analysis and Monitoring of Equity in Health and

Nutrition based in the Federal University of Pelotas, Brazil.

Disaggregation Education level

Wealth: Wealth quintile

Location (urban/rural)

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry

(www.who.int/gho/indicator_registry/en).

Antenatal care coverage - at least four visits (%)

Indicator ID 3323

Indicator name Antenatal care coverage – at least four visits (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition Percentage of women aged 15–49 with a live birth in a given time period,

attended at least four times during pregnancy by any provider (skilled or

unskilled) for reasons related to the pregnancy.

Numerator: Number of women aged 15–49 with a live birth in a given time period, attended at least four times during pregnancy by any provider (skilled or unskilled) for reasons related to the pregnancy – only the last live-born child

is considered.

Denominator: Total number of women aged 15-49 who had a live birth

occurring in the same period.

Note: DHS data are based on the three years or five years prior to survey and

MICS data are based on the two years prior to survey.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

micro-data which are publicly available using the standard indicator definitions as published in DHS documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in

the Federal University of Pelotas, Brazil.

Disaggregation Education level

Wealth: Wealth quintile

Location (urban/rural)

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

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the indicator criteria applied in all WHO-defined categories is available in the

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Antenatal care coverage - at least one visit (%)

Indicator ID 3324

Indicator name Antenatal care coverage – at least one visit (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition Percentage of women aged 15–49 with a live birth in a given time period,

attended at least once during pregnancy by skilled health personnel for reasons

related to the pregnancy.

Skilled health personnel includes doctors, nurses, midwives and other medically trained personnel as defined according to each country. This is in line with the definition used by the Countdown to 2015 Collaboration, DHS and MICS.

Numerator: Number of women aged 15–49 with a live birth in a given time period, attended at least once during pregnancy by skilled health personnel for reasons related to the pregnancy – only the last live-born child is considered.

Denominator: Total number of women aged 15–49 who had a live birth occurring in the same period.

Note: DHS data are based on the three years or five years prior to survey and

MICS data are based on the two years prior to survey.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level

Wealth: Wealth quintile Location (urban/rural)

Geographic Location

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WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

BCG immunization coverage among one-year-olds (%)

Indicator ID 3325

Indicator name BCG immunization coverage among one-year-olds (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition The percentage of one-year-olds who have received one dose of Bacille

Calmette-Guérin (BCG) vaccine in a given year.

Numerator: Number of children aged 12-23 months receiving one dose of BCG

vaccine.

Denominator: Total number of children aged 12-23 months surveyed.

Note: In certain countries the time period of 12–23 months was adjusted to align with alternative national immunization periods (18–29 months or 15–26

months).

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

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the indicator criteria applied in all WHO-defined categories is available in the WHO Indicator and Measurement Registry

(www.who.int/gho/indicator_registry/en).

Births attended by skilled health personnel (%)

Indicator ID 3343

Indicator name Births attended by skilled health personnel (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition Percentage of live births attended during delivery by skilled health personnel.

Skilled health personnel includes doctors, nurses, midwives and other medically trained personnel as defined according to each country. This is in line with the definition used by the Countdown to 2015 Collaboration, DHS and MICS.

Numerator: Number of live births to women aged 15-49 years attended during delivery by skilled health personnel in the period prior to the survey.

Denominator: Total number of live births to women aged 15-49 years occurring in the period prior to the survey.

Note: DHS data are based on the three years or five years prior to survey and MICS data are based on the two years prior to survey.

Method of estimation

Data are derived from re-analysis of Demographic and Health Surveys (DHS) and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly

available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural) Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

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WHO Indicator and Measurement Registry (www.who.int/qho/indicator registry/en).

Births by caesarean section (%)

Indicator ID 3326

Indicator name Births by caesarean section (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition Percentage of births delivered by caesarean section among all live births in the

period prior to the survey.

Numerator: Number of live births delivered by caesarean section in the period

prior to the survey.

Denominator: Total number of live births in the period prior to the survey.

Note: DHS data are based on the three years or five years prior to survey and

MICS data are based on the two years prior to survey.

Method of estimation

Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)
Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

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calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Children aged < 5 years sleeping under insecticide-treated nets (%)

Indicator ID 3327

Indicator name Children aged < 5 years sleeping under insecticide-treated nets (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition Percentage of children under five years of age in malaria endemic areas who

slept under an insecticide-treated mosquito net (ITN) the previous night.

Numerator: Number of children under five years of age in malaria endemic

areas who slept under an ITN the previous night.

Denominator: Total number of children under five years of age surveyed in

malaria endemic areas.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and calculation of numerator and denominator values. Detailed information about

calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Children aged < 5 years with diarrhoea receiving oral rehydration salts (%)

Indicator ID 4490

Indicator name Children aged < 5 years with diarrhoea receiving oral rehydration salts (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition Percentage of children aged 0–59 months who had diarrhoea in the two weeks

prior to the survey and received oral rehydration salts.

Numerator: Number of children aged 0-59 months with diarrhoea in the two

weeks prior to the survey receiving oral rehydration salts.

Denominator: Total number of children aged 0-59 months with diarrhoea in the

two weeks prior to the survey.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and

calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Children aged < 5 years with diarrhoea receiving oral rehydration therapy and continued feeding (%)

Indicator ID 3331

Indicator name Children aged < 5 years with diarrhoea receiving oral rehydration therapy and

continued feeding (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition Percentage of children aged 0–59 months who had diarrhoea in the two weeks

prior to the survey and were treated with oral rehydration therapy (ORT) – oral rehydration salts or an appropriate household solution – and continued feeding.

Numerator: Number of children aged 0-59 months with diarrhoea in the two

weeks prior to the survey receiving ORT and continued feeding.

Denominator: Total number of children aged 0–59 months with diarrhoea in the

two weeks prior to the survey.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/qho/indicator registry/en).

Children aged < 5 years with pneumonia symptoms taken to a health facility (%)

Indicator ID 3330

Indicator name Children aged < 5 years with pneumonia symptoms taken to a health facility

(%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition Percentage of children aged 0–59 months with pneumonia symptoms in the two

weeks prior to the survey who were taken to an appropriate health provider.

Numerator: Number of children aged 0-59 months with pneumonia symptoms in the two weeks prior to the survey who were taken to an appropriate health

provider.

Denominator: Total number of children aged 0-59 months with with pneumonia

symptoms in the two weeks prior to the survey.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

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calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Children aged 6-59 months who received vitamin A supplementation (%)

Indicator ID 3332

Indicator name Children aged 6–59 months who received vitamin A supplementation (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition Percentage of children aged 6–59 months who received a high dose vitamin A

supplement within the six months prior to the survey.

A high dose vitamin A supplement, according to the International Vitamin A Consultative Group (IVACG) definition, refers to doses equal to or greater than

25 000 IU.

Numerator: Number of children aged 6-59 months receiving at least one high

dose vitamin A supplement within the six months prior to the survey.

Denominator: Total number of children aged 6-59 months surveyed.

Method of estimation

Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publish

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

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Composite coverage index (%)

Indicator ID 4489

Indicator name Composite coverage index (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition The composite coverage index is a weighted score reflecting coverage of eight

RMNCH interventions along the continuum of care: demand for family planning satisfied; antenatal care coverage (at least one visit); births attended by skilled health personnel; BCG immunization coverage among one-year-olds; measles immunization coverage among one-year-olds; DTP3 immunization coverage among one-year-olds; children aged less than five years with diarrhoea receiving oral rehydration therapy and continued feeding; and children aged less than five years

with pneumonia symptoms taken to a health facility.

This indicator is based on aggregate estimates.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

micro-data which are publicly available using the standard indicator definitions

as published in DHS documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and

Nutrition based in the Federal University of Pelotas, Brazil.

Disaggregation Education level

Wealth: Wealth quintile

Location (urban/rural)

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other

topics of the registry, due to small discrepancies in the definition and

calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

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Contraceptive prevalence - modern and traditional methods (%)

Indicator ID 3333

Indicator name Contraceptive prevalence – modern and traditional methods (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition The percentage of women aged 15–49 years, married or in-union, who are

currently using, or whose sexual partner is using, at least one method of

contraception, regardless of the method used.

Numerator: The number of women aged 15–49 years, married or in-union, who are currently using, or whose sexual partner is using, at least one method of

contraception, regardless of the method used.

Denominator: Total number of women aged 15-49 years that are currently

married or in-union.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level

Wealth: Wealth quintile

Location (urban/rural)

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

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calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Contraceptive prevalence - modern methods (%)

Indicator ID 3334

Indicator name Contraceptive prevalence – modern methods (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition The percentage of women aged 15–49 years, married or in-union, who are

currently using, or whose sexual partner is using, at least one modern method

of contraception.

Modern methods of contraception include: female and male sterilization, oral hormonal pills, the intra-uterine device (IUD), the male condom, injectables, the implant (including Norplant), vaginal barrier methods, the female condom

and emergency contraception.

Numerator: The number of women aged 15–49 years, married or in-union, who

are currently using, or whose sexual partner is using, at least one modern

method of contraception.

Denominator: Total number of women aged 15-49 years that are currently

married or in-union.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

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Disaggregation Education level

Wealth: Wealth quintile

Location (urban/rural)

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

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Demand for family planning satisfied (%)

Indicator ID 3321

Indicator name Demand for family planning satisfied (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition Percentage of women aged 15–49 years, married or in union, who are currently using any method of contraception, among those in need of contraception.

Women in need of contraception include those who are fecund but report

wanting to space their next birth or stop childbearing altogether.

Numerator: Number of women aged 15-49 that are fecund and are married or in union and need contraception, who use any kind of contraceptive (modern or

traditional).

Denominator: Total number of women aged 15-49 that are fecund and are

married / have a partner and need contraception.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level

Wealth: Wealth quintile Location (urban/rural)

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

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calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

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DTP3 immunization coverage among one-year-olds (%)

Indicator ID 3335

Indicator name DTP3 immunization coverage among one-year-olds (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition The percentage of one-year-olds who have received three doses of the

combined diphtheria, tetanus toxoid and pertussis (DTP3) vaccine in a given

year.

Numerator: Number of children aged 12-23 months receiving three doses of

DTP3 vaccine.

Note: In certain countries the time period of 12–23 months was adjusted to

align with alternative national immunization periods (18–29 months or 15–26 $\,$

months).

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Early initiation of breastfeeding (%)

Indicator ID 3336

Indicator name Early initiation of breastfeeding (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition Percentage of children who were put to the breast within one hour of birth.

Numerator: Number of women with a live birth in the period prior to the survey

who put the newborn infant to the breast within one hour of birth.

Denominator: Total number of women with a live birth in the period prior to the

survey.

Note: DHS data are based on the three years or five years prior to survey and

MICS data are based on the two years prior to survey.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

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WHO Indicator and Measurement Registry (www.who.int/qho/indicator registry/en).

Full immunization coverage among one-year-olds (%)

Indicator ID 3317

Indicator name Full immunization coverage among one-year-olds (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition

The percentage of one-year-olds who have received one dose of Bacille

Calmette Cuérin (BCC) vascine, three doses of policy vascine, three doses of the

Calmette-Guérin (BCG) vaccine, three doses of polio vaccine, three doses of the combined diphtheria, tetanus toxoid and pertussis (DTP3) vaccine, and one

dose of measles vaccine.

Numerator: Number of children aged 12–23 months receiving one dose of BCG vaccine, three doses of polio vaccine, three doses of DTP3 vaccine, and one

dose of measles vaccine.

Denominator: Total number of children aged 12-23 months surveyed.

Note: In certain countries the time period of 12–23 months was adjusted to align with alternative national immunization periods (18–29 months or 15–26

months).

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

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WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Infant mortality rate (deaths per 1000 live births)

Indicator ID 3342

Indicator name Infant mortality rate (deaths per 1000 live births)

Data Type Representation Rate

Topic Health Equity Monitor

Definition Probability (expressed as a rate per 1000 live births) of a child born in a specific

year or period dying before reaching the age of one, if subject to age-specific

mortality rates of that period.

Numerator: Deaths at ages 0-11 months.

Denominator: Number of surviving children at beginning of specified age range

during the 10 years prior to survey.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

micro-data which are publicly available using the standard indicator definitions as published in DHS documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in

the Federal University of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and calculation of numerator and denominator values. Detailed information about

calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Measles immunization coverage among one-year-olds (%)

Indicator ID 3337

Indicator name Measles immunization coverage among one-year-olds (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition The percentage of children aged 12–23 months who have received at least one

dose of measles-containing vaccine in a given year.

Numerator: Number of children aged 12–23 months receiving at least one dose

of measles-containing vaccine.

Denominator: Total number of children aged 12-23 months surveyed.

Note: In certain countries the time period of 12–23 months was adjusted to align with alternative national immunization periods (18–29 months or 15–26

months).

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and

calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Neonatal mortality rate (deaths per 1000 live births)

Indicator ID 4486

Indicator name Neonatal mortality rate (deaths per 1000 live births)

Data Type Representation Rate

Topic Health Equity Monitor

Definition Probability (expressed as a rate per 1000 live births) of a child born in a specific

year or period dying in the first 30 days of life, if subject to age-specific

mortality rates of that period.

Numerator: Deaths at ages 0-30 days.

Denominator: Number of surviving children at beginning of specified age range

during the 10 years prior to survey.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

micro-data which are publicly available using the standard indicator definitions as published in DHS documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in

the Federal University of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and calculation of numerator and denominator values. Detailed information about

calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/qho/indicator registry/en).

Polio immunization coverage among one-year-olds (%)

Indicator ID 3339

Indicator name Polio immunization coverage among one-year-olds (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition The percentage of one-year-olds who have received three doses of polio

vaccine in a given year.

Numerator: Number of children aged 12-23 months receiving three doses of

polio vaccine.

Denominator: Total number of children aged 12-23 months surveyed.

Note: In certain countries the time period of 12–23 months was adjusted to align with alternative national immunization periods (18–29 months or 15–26

months).

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Pregnant women sleeping under insecticide-treated nets (%)

Indicator ID 3318

Indicator name Pregnant women sleeping under insecticide-treated nets (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition Percentage of pregnant women in malaria endemic areas who slept under an

insecticide-treated mosquito net the previous night.

Numerator: Number of pregnant women in malaria endemic areas who slept

under an insecticide-treated mosquito net the previous night.

Denominator: Total number of pregnant women surveyed.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

micro-data which are publicly available using the standard indicator definitions as published in DHS documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in

the Federal University of Pelotas, Brazil.

Disaggregation Education level

Wealth: Wealth quintile Location (urban/rural) Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and

calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Stunting prevalence in children aged < 3 years (%)

Indicator ID 3346

Indicator name Stunting prevalence in children aged < 3 years (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition The percentage of stunting (defined as more than two standard deviations

below the median height-for-age of the WHO Child Growth) among children

aged three years or younger.

Numerator: Number of children aged three years or younger that meet the

criteria for stunting.

Denominator: Total number of children aged three years or younger surveyed.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

micro-data which are publicly available using the standard indicator definitions as published in DHS documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the

Federal University of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and

calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Stunting prevalence in children aged < 5 years (%)

Indicator ID 3328

Indicator name Stunting prevalence in children aged < 5 years (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition The percentage of stunting (defined as more than two standard deviations

below the median height-for-age of the WHO Child Growth) among children

aged five years or younger.

Numerator: Number of children aged five years or younger that meet the

criteria for stunting.

Denominator: Total number of children aged five years or younger surveyed.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

micro-data which are publicly available using the standard indicator definitions as published in DHS documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in

the Federal University of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and calculation of numerator and denominator values. Detailed information about

the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/qho/indicator registry/en).

Total fertility rate (per woman)

Indicator ID 3344

Indicator name Total fertility rate (per woman)

Data Type Representation Rate

Topic Health Equity Monitor

Definition The average number of children a hypothetical cohort of women would have at

the end of their reproductive period if they were subject during their whole lives to the fertility rates of a given period and if they were not subject to mortality.

It is expressed as children per woman.

The total fertility rate is the sum of the age-specific fertility rates for all women

multiplied by five. The age-specific fertility rates are those for the seven five-

year age groups from 15-19 to 45-49.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

micro-data which are publicly available using the standard indicator definitions as published in DHS documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the

Federal University of Pelotas, Brazil.

Disaggregation Education level

Wealth: Wealth quintile

Location (urban/rural)

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and

calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Under-five mortality rate (deaths per 1000 live births)

Indicator ID 3345

Indicator name Under-five mortality rate (deaths per 1000 live births)

Data Type Representation Rate

Topic Health Equity Monitor

Definition Probability (expressed as a rate per 1000 live births) of a child born in a specific

year or period dying before reaching the age of five years, if subject to age-

specific mortality rates of that period.

Numerator: Deaths at age 0-5 years.

Denominator: Number of surviving children at beginning of specified age range

during the 10 years prior to survey.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

micro-data which are publicly available using the standard indicator definitions as published in DHS documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in

the Federal University of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and

calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Underweight prevalence in children aged < 3 years (%)

Indicator ID 3347

Indicator name Underweight prevalence in children aged < 3 years (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition The percentage of underweight (defined as more than two standard deviations

below the median weight-for- age of the WHO Child Growth Standards) among

children aged three years or younger.

Numerator: Number of children aged three years or younger that meet the

criteria for underweight.

Denominator: Total number of children aged three years or younger surveyed.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

micro-data which are publicly available using the standard indicator definitions as published in DHS documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in

the Federal University of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and calculation of numerator and denominator values. Detailed information about

the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Underweight prevalence in children aged < 5 years (%)

Indicator ID 3329

Indicator name Underweight prevalence in children aged < 5 years (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition The percentage of underweight (defined as more than two standard deviations

below the median weight-for- age of the WHO Child Growth Standards) among

children aged five years or younger.

Numerator: Number of children aged five years or younger that meet the

criteria for underweight.

Denominator: Total number of children aged five years or younger surveyed.

Method of estimation

Data are derived from re-analysis of Demographic and Health Surveys (DHS)

and Multiple Indicator Cluster Surveys (MICS) micro-data which are publicly available using the standard indicator definitions as published in DHS or Unicef documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in the Federal University

of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and calculation of numerator and denominator values. Detailed information about

calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Wasting prevalence in children aged < 3 years (%)

Indicator ID 4487

Indicator name Wasting prevalence in children aged < 3 years (%)

Data Type Representation Percent

Topic Health Equity Monitor

Definition The percentage of wasting (defined as more than two standard deviations below

the median weight-for-height of the WHO Child Growth Standards) among children

aged three years or younger.

Numerator: Number of children aged three years or younger that meet the

criteria for wasting.

Denominator: Total number of children aged three years or younger surveyed.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

micro-data which are publicly available using the standard indicator definitions as published in DHS documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in

the Federal University of Pelotas, Brazil.

Disaggregation Education level: Maternal education

Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Comments Please note that the above definition applies to the Health Equity Monitor topic

of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).

Wasting prevalence in children aged < 5 years (%)

Indicator ID 4488

Indicator name Wasting prevalence in children aged < 5 years (%)

Data Type Representation Percent

Topic Health Equity Monitor

The percentage of wasting (defined as more than two standard deviations below the median weight-for-height of the WHO Child Growth Standards) among children Definition

aged five years or younger.

Numerator: Number of children aged five years or younger that meet the

criteria for wasting.

Denominator: Total number of children aged five years or younger surveyed.

Method of estimation Data are derived from re-analysis of Demographic and Health Surveys (DHS)

> micro-data which are publicly available using the standard indicator definitions as published in DHS documentation. The analysis was done by the International Center for Analysis and Monitoring of Equity in Health and Nutrition based in

the Federal University of Pelotas, Brazil.

Disaggregation Education level: Maternal education

> Wealth: Wealth quintile Location (urban/rural)

Sex

Geographic Location

Please note that the above definition applies to the Health Equity Monitor topic Comments

> of the WHO Indicator and Measurement Registry. In some cases, indicators listed in this topic may not be equivalent to similar indicators listed in other topics of the registry, due to small discrepancies in the definition and

> calculation of numerator and denominator values. Detailed information about the indicator criteria applied in all WHO-defined categories is available in the

WHO Indicator and Measurement Registry (www.who.int/gho/indicator_registry/en).