

Health Equity Monitor

COMPENDIUM OF INDICATOR DEFINITIONS

July 2019



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Health indicators

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

Indicator name	Adolescent fertility rate (births per 1000 women aged 15–19 years)
Data Type Representation	Rate
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>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.</p> <p>Denominator: Number of women-years of exposure in the 1–36 months prior to the survey of women aged 15–19 years.</p>
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 WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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 name	Antenatal care coverage – at least four visits (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>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.</p> <p>Denominator: Total number of women aged 15–49 who had a live birth occurring in the same period.</p> <p>Note: DHS and RHS 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.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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 one visit (%)

Indicator name	Antenatal care coverage – at least one visit (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>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.</p> <p>Denominator: Total number of women aged 15–49 who had a live birth occurring in the same period.</p> <p>Note: DHS and RHS 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.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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).

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

Indicator name	BCG immunization coverage among one-year-olds (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>The percentage of one-year-olds who have received one dose of Bacille Calmette-Guérin (BCG) vaccine in a given year.</p> <p>Numerator: Number of children aged 12–23 months receiving one dose of BCG vaccine.</p> <p>Denominator: Total number of children aged 12–23 months surveyed.</p> <p>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).</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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).

Births attended by skilled health personnel (%)

Indicator name	Births attended by skilled health personnel (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>Percentage of live births attended during delivery by skilled health personnel.</p> <p>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 2030 Collaboration, DHS, MICS and RHS.</p> <p>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.</p> <p>Denominator: Total number of live births to women aged 15-49 years occurring in the period prior to the survey.</p> <p>Note: DHS and RHS 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.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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).

Births by caesarean section (%)

Indicator name	Births by caesarean section (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>Percentage of births delivered by caesarean section among all live births in the period prior to the survey.</p> <p>Numerator: Number of live births delivered by caesarean section in the period prior to the survey.</p> <p>Denominator: Total number of live births in the period prior to the survey.</p> <p>Note: DHS and RHS 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.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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 sleeping under insecticide-treated nets (%)

Indicator name	Children aged < 5 years sleeping under insecticide-treated nets (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>Percentage of children under five years of age in malaria endemic areas who slept under an insecticide-treated mosquito net (ITN) the previous night.</p> <p>Numerator: Number of children under five years of age in malaria endemic areas who slept under an ITN the previous night.</p> <p>Denominator: Total number of children under five years of age surveyed in malaria endemic areas.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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 salts (%)

Indicator name	Children aged < 5 years with diarrhoea receiving oral rehydration salts (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>Percentage of children aged 0–59 months who had diarrhoea in the two weeks prior to the survey and received oral rehydration salts.</p> <p>Numerator: Number of children aged 0–59 months with diarrhoea in the two weeks prior to the survey receiving oral rehydration salts.</p> <p>Denominator: Total number of children aged 0–59 months with diarrhoea in the two weeks prior to the survey.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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 name	Children aged < 5 years with diarrhoea receiving oral rehydration therapy and continued feeding (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>Numerator: Number of children aged 0–59 months with diarrhoea in the two weeks prior to the survey receiving ORT and continued feeding.</p> <p>Denominator: Total number of children aged 0–59 months with diarrhoea in the two weeks prior to the survey.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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 pneumonia symptoms taken to a health facility (%)

Indicator name	Children aged < 5 years with pneumonia symptoms taken to a health facility (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>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.</p> <p>Denominator: Total number of children aged 0–59 months with pneumonia symptoms in the two weeks prior to the survey.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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 6–59 months who received vitamin A supplementation (%)

Indicator name	Children aged 6–59 months who received vitamin A supplementation (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>Percentage of children aged 6–59 months who received a high dose vitamin A supplement within the six months prior to the survey.</p> <p>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.</p> <p>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.</p> <p>Denominator: Total number of children aged 6–59 months surveyed.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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).

Composite coverage index (%)

Indicator name	Composite coverage index (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>The composite coverage index is a weighted score reflecting coverage of eight RMNCH interventions along the continuum of care: demand for family planning satisfied (modern methods); antenatal care coverage (at least four visits); 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.</p> <p>This indicator is based on aggregate estimates.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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).

Contraceptive prevalence – modern and traditional methods (%)

Indicator name	Contraceptive prevalence – modern and traditional methods (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>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.</p> <p>Denominator: Total number of women aged 15–49 years that are currently married or in-union.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Age</p> <p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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).

Contraceptive prevalence – modern methods (%)

Indicator name	Contraceptive prevalence – modern methods (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>Modern methods of contraception include: oral contraceptive pills, implants, injectables, contraceptive patch and vaginal ring, intrauterine device (IDU), female and male condoms, female and male sterilization, vaginal barrier methods (including the diaphragm, cervical cap and spermicidal agents), lactational amenorrhea method (LAM), emergency contraception pills, standard days method (SDM), basal body temperature (BBT) method, TwoDay method and sympto-thermal method.</p> <p>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.</p> <p>Denominator: Total number of women aged 15–49 years that are currently married or in-union.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Age</p> <p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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).

Demand for family planning satisfied – modern and traditional methods (%)

Indicator name	Demand for family planning satisfied – modern and traditional methods (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>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 women who are fecund but report wanting to space their next birth or stop childbearing altogether as well as women with a mistimed or unwanted pregnancy.</p> <p>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).</p> <p>Denominator: Total number of women aged 15–49 that are fecund and are married / have a partner and need contraception.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Age</p> <p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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).

Demand for family planning satisfied – modern methods (%)

Indicator name	Demand for family planning satisfied – modern methods (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>Percentage of women aged 15–49 years, married or in union, who are currently using any modern method of contraception, among those in need of contraception. Women in need of contraception include women who are fecund but report wanting to space their next birth or stop childbearing altogether as well as women with a mistimed or unwanted pregnancy.</p> <p>Modern methods of contraception include: oral contraceptive pills, implants, injectables, contraceptive patch and vaginal ring, intrauterine device (IDU), female and male condoms, female and male sterilization, vaginal barrier methods (including the diaphragm, cervical cap and spermicidal agents), lactational amenorrhea method (LAM), emergency contraception pills, standard days method (SDM), basal body temperature (BBT) method, TwoDay method and sympto-thermal method.</p> <p>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).</p> <p>Denominator: Total number of women aged 15–49 that are fecund and are married / have a partner and need contraception.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Age</p> <p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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).

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

Indicator name	DTP3 immunization coverage among one-year-olds (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>Numerator: Number of children aged 12–23 months receiving three doses of DTP3 vaccine.</p> <p>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).</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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 name	Early initiation of breastfeeding (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>Percentage of children who were put to the breast within one hour of birth.</p> <p>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.</p> <p>Denominator: Total number of women with a live birth in the period prior to the survey.</p> <p>Note: DHS and RHS data are based on the two years or five years prior to survey and MICS data are based on the two years prior to survey.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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).

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

Indicator name	Full immunization coverage among one-year-olds (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>The percentage of one-year-olds who have received one dose of Bacille 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.</p> <p>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.</p> <p>Denominator: Total number of children aged 12–23 months surveyed.</p> <p>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).</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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).

Infant mortality rate (deaths per 1000 live births)

Indicator name	Infant mortality rate (deaths per 1000 live births)
Data Type Representation	Rate
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>Numerator: Deaths at ages 0–11 months.</p> <p>Denominator: Number of surviving children at beginning of specified age range during the 10 years prior to survey.</p>
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 WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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).

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

Indicator name	Measles immunization coverage among one-year-olds (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>The percentage of children aged 12–23 months who have received at least one dose of measles-containing vaccine in a given year.</p> <p>Numerator: Number of children aged 12–23 months receiving at least one dose of measles-containing vaccine.</p> <p>Denominator: Total number of children aged 12–23 months surveyed.</p> <p>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).</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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 name	Neonatal mortality rate (deaths per 1000 live births)
Data Type Representation	Rate
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>Numerator: Deaths at ages 0–30 days.</p> <p>Denominator: Number of surviving children at beginning of specified age range during the 10 years prior to survey.</p>
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 WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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).

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

Indicator name	Polio immunization coverage among one-year-olds (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>The percentage of one-year-olds who have received three doses of polio vaccine in a given year.</p> <p>Numerator: Number of children aged 12–23 months receiving three doses of polio vaccine.</p> <p>Denominator: Total number of children aged 12–23 months surveyed.</p> <p>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).</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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 name	Pregnant women sleeping under insecticide-treated nets (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>Percentage of pregnant women in malaria endemic areas who slept under an insecticide-treated mosquito net the previous night.</p> <p>Numerator: Number of pregnant women in malaria endemic areas who slept under an insecticide-treated mosquito net the previous night.</p> <p>Denominator: Total number of pregnant women surveyed.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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).

Obesity prevalence in non-pregnant women aged 15–49 years, BMI \geq 30 (%)

Indicator name	Obesity prevalence in non-pregnant women aged 15–49 years, BMI \geq 30 (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>Percentage of non-pregnant women aged 15–49 years, BMI \geq 30 kg/m² .</p> <p>Numerator: Number of non-pregnant women aged 15–49 years, BMI \geq 30 kg/m² .</p> <p>Denominator: Total number of non-pregnant women aged 15–49 years surveyed.</p>
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 WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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 name	Stunting prevalence in children aged < 5 years (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>Numerator: Number of children aged five years or younger that meet the criteria for stunting.</p> <p>Denominator: Total number of children aged five years or younger surveyed.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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).

Total fertility rate (births per woman)

Indicator name	Total fertility rate (births per woman)
Data Type Representation	Rate
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>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.</p>
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 WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education</p> <p>Place of residence (urban/rural)</p> <p>Subnational region</p>
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 name	Under-five mortality rate (deaths per 1000 live births)
Data Type Representation	Rate
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>Numerator: Deaths at age 0–5 years.</p> <p>Denominator: Number of surviving children at beginning of specified age range during the 10 years prior to survey.</p>
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 WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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 name	Underweight prevalence in children aged < 5 years (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>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.</p> <p>Numerator: Number of children aged five years or younger that meet the criteria for underweight.</p> <p>Denominator: Total number of children aged five years or younger surveyed.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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 name	Wasting prevalence in children aged < 5 years (%)
Data Type Representation	Percent
Topic	Health Equity Monitor
Definition	<p>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 five years or younger.</p> <p>Numerator: Number of children aged five years or younger that meet the criteria for wasting.</p> <p>Denominator: Total number of children aged five years or younger surveyed.</p>
Method of estimation	Data are derived from re-analysis of Demographic and Health Surveys (DHS), Multiple Indicator Cluster Surveys (MICS) and Reproductive Health Surveys (RHS) micro-data which are publicly available using the standard indicator definitions as published in DHS, MICS or RHS documentation. The analysis was done by the WHO Collaborating Center for Health Equity Monitoring (International Center for Equity in Health, Federal University of Pelotas, Brazil).
Disaggregation	<p>Economic status</p> <p>Education (mother's education)</p> <p>Place of residence (urban/rural)</p> <p>Sex</p> <p>Subnational region</p>
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).

Inequality dimensions

Health indicators from the WHO Health Equity Monitor database were disaggregated by six dimensions of inequality: economic status, education, place of residence and subnational region, as well as age and sex, where applicable.

Economic status was determined using a wealth index. Country-specific indices were based on owning selected assets and having access to certain services, and constructed using principal component analysis. Within each country the index was divided into quintiles of households, thereby creating five equal subgroups that each account for 20% of the population. Note that certain indicators have denominator criteria that do not include all households and/or are more likely to include households from a specific quintile; thus the quintile share of the population for a given indicator may not equal 20%. For example, there are often more live births reported by the poorest quintile than the richest quintile, resulting in the poorest quintile representing a larger share of the population for indicators such as the coverage of births attended by skilled health personnel. Technical information about calculating wealth quintiles are available at <http://www.measuredhs.com/pubs/pdf/CR6/CR6.pdf>.

Education refers to the highest level of schooling attained by the woman (or the mother, in the case of newborn and child health interventions, child malnutrition and child mortality indicators).

For place of residence and subnational region, country-specific criteria were applied.

Inequality dimension	Subgroup categorization
Economic status	5 subgroups : Quintile 1 (poorest) Quintile 2 Quintile 3 Quintile 4 Quintile 5 (richest)
Education	3 subgroups: No education Primary school Secondary school +
Place of residence	2 subgroups: Rural Urban
Sex	2 subgroups: Female Male
Subnational region	Subnational regions vary by country and year.