

## Annex C. Country profile indicators and data sources

Indicator	Data source	Global database	
<b>Demographics and contextual factors</b>			
Demographics	Total population	United Nations Population Division	United Nations Population Division
	Total under-5 population	United Nations Population Division	United Nations Population Division
	Total adolescent (10–19) population	United Nations Population Division	United Nations Population Division
	Completion rate (upper secondary education, female)	United Nations Children’s Fund Global databases based on Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national household surveys	United Nations Children’s Fund Global databases based on Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national household surveys
	Births	United Nations Population Division	United Nations Population Division
	Total fertility rate	United Nations Population Division	United Nations Population Division
	Adolescent (15–19) birth rate	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Surveys, other national surveys, civil registration systems and censuses	United Nations Population Division, United Nations Population Fund and MDG Global database
	Birth registration	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, other national household surveys, censuses and vital registration systems	United Nations Children’s Fund
Mortality	Total maternal deaths	Maternal Mortality Estimation Inter-agency Group (World Health Organization, United Nations Children’s Fund, United Nations Population Fund, World Bank)	Maternal Mortality Estimation Inter-agency Group (World Health Organization, United Nations Children’s Fund, United Nations Population Fund, World Bank)
	Lifetime risk of maternal death	Maternal Mortality Estimation Inter-agency Group (World Health Organization, United Nations Children’s Fund, United Nations Population Fund, World Bank)	Maternal Mortality Estimation Inter-agency Group (World Health Organization, United Nations Children’s Fund, United Nations Population Fund, World Bank)
	Maternal mortality ratio	Maternal Mortality Estimation Inter-agency Group (World Health Organization, United Nations Children’s Fund, United Nations Population Fund, World Bank)	Maternal Mortality Estimation Inter-agency Group (World Health Organization, United Nations Children’s Fund, United Nations Population Fund, World Bank)

Indicator	Data source	Global database
Stillbirth rate	Blencowe, H., S. Cousens S, F. B. Jassir, and others. 2016. "National, Regional, and Worldwide Estimates of Stillbirth Rates in 2015, with Trends from 2000: A Systematic Analysis." <i>Lancet Global Health</i> 4(2): e98–108.	Blencowe, H., S. Cousens S, F. B. Jassir, and others. 2016. "National, Regional, and Worldwide Estimates of Stillbirth Rates in 2015, with Trends from 2000: A Systematic Analysis." <i>Lancet Global Health</i> 4(2): e98–108.
Neonatal deaths, as % of all under-5 deaths	UN Inter-agency Group for Child Mortality Estimation (United Nations Children’s Fund, World Health Organization, United Nations Population Division, World Bank Group)	UN Inter-agency Group for Child Mortality Estimation (United Nations Children’s Fund, World Health Organization, United Nations Population Division, World Bank Group)
Total under-5 deaths	UN Inter-agency Group for Child Mortality Estimation (United Nations Children’s Fund, World Health Organization, United Nations Population Division, World Bank Group)	UN Inter-agency Group for Child Mortality Estimation (United Nations Children’s Fund, World Health Organization, United Nations Population Division, World Bank Group)
Adolescent (10–19) mortality rate, by sex	World Health Organization, Global Mortality Database	World Health Organization, Global Mortality Database
Neonatal mortality rate	UN Inter-agency Group for Child Mortality Estimation (United Nations Children’s Fund, World Health Organization, United Nations Population Division, World Bank)	UN Inter-agency Group for Child Mortality Estimation (United Nations Children’s Fund, World Health Organization, United Nations Population Division, World Bank)
Under-5 mortality rate	UN Inter-agency Group for Child Mortality Estimation (United Nations Children’s Fund, World Health Organization, United Nations Population Division, World Bank Group)	UN Inter-agency Group for Child Mortality Estimation (United Nations Children’s Fund, World Health Organization, United Nations Population Division, World Bank Group)
Causes of neonatal deaths	World Health Organization, Maternal and Child Epidemiology Estimation	World Health Organization, Maternal and Child Epidemiology Estimation
Causes of under-5 deaths	World Health Organization, Maternal and Child Epidemiology Estimation	World Health Organization, Maternal and Child Epidemiology Estimation
<b>Continuum of care</b>		
Demand for family planning satisfied with modern methods	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Survey and other national surveys	SDG Global Database
Antenatal care (four or more visits)	Multiple Indicator Cluster Surveys, Demographic and Health Surveys. Reproductive	United Nations Children’s Fund

Indicator	Data source	Global database
	national surveys	
Pregnant women living with HIV receiving antiretroviral therapy	Country reporting through the Global AIDS Response Progress Report and Universal Access joint reporting process by the World Health Organization, the United Nations Children's Fund and the Joint United Nations Programme on HIV/AIDS and Joint United Nations Programme on HIV/AIDS Spectrum estimates	Joint United Nations Programme on HIV/AIDS
Neonatal tetanus protection	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage	United Nations Children's Fund and World Health Organization
Skilled birth attendant	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Surveys and other national sources	United Nations Children's Fund and World Health Organization
Postnatal care for mothers	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children's Fund
Postnatal care for babies	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children's Fund
Early initiation of breastfeeding	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
Exclusive breastfeeding	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
Continued breastfeeding (one year)	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, other national surveys	United Nations Children's Fund
Immunized with three doses of diphtheria–tetanus–pertussis	World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage	World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage
Immunized against measles (first dose vaccine coverage)	World Health Organization/United Nations	World Health Organization/United Nations

Indicator		Data source	Global database
		Coverage	
	Immunized against rotavirus	World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage	World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage
	Vitamin A supplementation, full coverage	United Nations Children's Fund from administrative sources	United Nations Children's Fund
	Careseeking for symptoms of pneumonia	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
	Diarrhoea treatment: oral rehydration salts	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
	Population using basic drinking water services	World Health Organization/United Nations Children's Fund Joint Monitoring Programme for Water Supply, Sanitation and Hygiene	World Health Organization/United Nations Children's Fund Joint Monitoring Programme for Water Supply, Sanitation and Hygiene
	Population using basic sanitation services	World Health Organization/United Nations Children's Fund Joint Monitoring Programme for Water Supply, Sanitation and Hygiene	World Health Organization/United Nations Children's Fund Joint Monitoring Programme for Water Supply, Sanitation and Hygiene
	Population with basic handwashing facilities at home	World Health Organization/United Nations Children's Fund Joint Monitoring Programme for Water Supply, Sanitation and Hygiene	World Health Organization/United Nations Children's Fund Joint Monitoring Programme for Water Supply, Sanitation and Hygiene
<b>Maternal and newborn health</b>			
Pregnancy and delivery care	Antenatal care (four or more visits), women aged 15–49	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Survey and other national surveys	United Nations Children's Fund
	Skilled birth attendant, women aged 15–49	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Surveys and other national sources	United Nations Children's Fund and World Health Organization
Adolescent health	Demand for family planning satisfied, modern methods (ages 15–17, 18–19)	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Surveys and other national surveys	SDG Global Database
	Antenatal care (four or more visits)	Multiple Indicator Cluster	

Indicator		Data source	Global database
		Health Survey and other national surveys	University of Pelotas, Brazil
	Skilled birth attendant (ages 15–17, 18–19)	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Surveys and other national surveys	Special data analysis by Federal University of Pelotas, Brazil
Additional maternal/neonatal health interventions	Pregnant women living with HIV receiving antiretroviral therapy	Country reporting through the Global AIDS Response Progress Report and Universal Access joint reporting process by the World Health Organization, the United Nations Children’s Fund and the Joint United Nations Programme on HIV/AIDS and Joint United Nations Programme on HIV/AIDS Spectrum estimates	Joint United Nations Programme on HIV/AIDS
	Intermittent preventive treatment for malaria during pregnancy, three or more	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Malaria Indicator Surveys and other national surveys	United Nations Children’s Fund
	Neonatal tetanus protection	World Health Organization/United Nations Children’s Fund Estimates of National Immunization Coverage	World Health Organization/United Nations Children’s Fund Estimates of National Immunization Coverage
	Institutional delivery (public, private, total)	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	United Nations Children’s Fund
	Cesarean section rate (urban, rural, total)	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Survey and other national surveys	United Nations Children’s Fund
Essential nutrition indicators	Anemia in women aged 15–49	World Health Organization	World Health Organization
	Women of reproductive age, short stature	Demographic and Health Surveys	
	Women (20+) with low body mass index (<18.5)	NCD Risk Factor Collaboration	NCD Risk Factor Collaboration
	Women (20+) with body mass index 25–30 (overweight)	NCD Risk Factor Collaboration	NCD Risk Factor Collaboration
	Women (20+) with body mass index >30 (obese)	NCD Risk Factor Collaboration	NCD Risk Factor Collaboration
	Iron/folic acid supplementation during pregnancy	Demographic and Health Surveys	
	Low birth weight prevalence	Multiple Indicator Cluster Surveys, Demographic and	United Nations Children’s Fund

Indicator		Data source	Global database
		surveys and routine reporting	
	Vitamin A supplementation, full coverage	United Nations Children's Fund from administrative sources	United Nations Children's Fund
	Minimum dietary diversity among 6–23 month olds	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
Child nutrition status	Children under-5 who are stunted	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, other national surveys and surveillance systems	United Nations Children's Fund, World Health Organization and World Bank Group joint child malnutrition estimates country dataset
	Children under-5 who are wasted	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, other national surveys and surveillance systems	United Nations Children's Fund, World Health Organization and World Bank Group joint child malnutrition estimates country dataset
	Children under-5 who are overweight	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, other national surveys and surveillance systems	United Nations Children's Fund, World Health Organization and World Bank Group joint child malnutrition estimates country dataset
Breastfeeding practices	Early initiation of breastfeeding	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
	Exclusive breastfeeding	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
	Continued breastfeeding (one year)	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
<b>Child health</b>			
Immunization	Immunized with three doses <i>Haemophilus influenzae</i> type b	World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage	World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage
	Immunized with three doses diphtheria–tetanus–pertussis	World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage	World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage
	Immunized with three doses pneumococcal conjugate vaccine	World Health Organization/United Nations Children's Fund Estimates of	World Health Organization/United Nations Children's Fund Estimates of

Indicator		Data source	Global database
		Coverage	
	Immunized against rotavirus	World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage	World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage
	Immunized against measles	World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage	World Health Organization/United Nations Children's Fund Estimates of National Immunization Coverage
Pneumonia treatment	Children <5 years with symptoms of pneumonia taken to appropriate health provider	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
Diarrhoeal disease treatment	Children <5 years with diarrhoea treated with oral rehydration salts	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
	Children <5 years with diarrhoea treated with oral rehydration salts and zinc	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	United Nations Children's Fund
Malaria prevention and treatment	Malaria diagnostics in children <5 years	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Malaria Indicator Surveys and other national surveys	United Nations Children's Fund
	Population sleeping under insecticide-treated nets or sleeping in a house sprayed by indoor residual spraying	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Malaria Indicator Surveys and other national surveys	United Nations Children's Fund
	Malaria prevention in children under-5—sleeping under insecticide-treated nets	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Malaria Indicator Surveys and other national surveys	United Nations Children's Fund
Environmental	Population using basic drinking-water services	World Health Organization/United Nations Children's Fund Joint Monitoring Programme for Water Supply, Sanitation and Hygiene	World Health Organization/United Nations Children's Fund Joint Monitoring Programme for Water Supply, Sanitation and Hygiene
	Population using basic sanitation services	World Health Organization/United Nations Children's Fund Joint Monitoring Programme for Water Supply, Sanitation and Hygiene	World Health Organization/United Nations Children's Fund Joint Monitoring Programme for Water Supply, Sanitation and Hygiene
	Population with hand washing	World Health	World Health

Indicator		Data source	Global database
		Programme for Water Supply, Sanitation and Hygiene	Programme for Water Supply, Sanitation and Hygiene
Equity	Demand for family planning satisfied with modern methods	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Surveys and other national surveys	Special data analysis by Federal University of Pelotas, Brazil
	Neonatal tetanus protection	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	Special data analysis by Federal University of Pelotas, Brazil
	Antenatal care (four or more visits)	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	Special data analysis by Federal University of Pelotas, Brazil
	Skilled birth attendant	Multiple Indicator Cluster Surveys, Demographic and Health Surveys, Reproductive Health Surveys and other national surveys	Special data analysis by Federal University of Pelotas, Brazil
	Postnatal care for mothers	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	Postnatal care for babies	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	Early initiation of breastfeeding	Multiple Indicator Cluster Surveys and Demographic and Health Surveys, other national surveys	Special data analysis by Federal University of Pelotas, Brazil
	Exclusive breastfeeding	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	Special data analysis by Federal University of Pelotas, Brazil
	Continued breastfeeding (one year)	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	Special data analysis by Federal University of Pelotas, Brazil
	Immunized against rotavirus	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	Immunized with three doses diphtheria–tetanus–pertussis	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
	Immunized against measles	Multiple Indicator Cluster Surveys and Demographic and Health Surveys	Special data analysis by Federal University of Pelotas, Brazil
Careseeking for symptoms of	Multiple Indicator Cluster	Special data analysis by Federal	

Indicator		Data source	Global database
		Health Surveys and other national surveys	
	Oral rehydration salts treatment of diarrhoea	Multiple Indicator Cluster Surveys, Demographic and Health Surveys and other national surveys	Special data analysis by Federal University of Pelotas, Brazil
<b><i>Policies, systems and financing</i></b>			
Legislative policies	Family planning for adolescents without spousal or parental consent	World Health Organization	Global Maternal Newborn Child and Adolescent Health Policy Indicator Survey by the World Health Organization Department of Maternal Child and Adolescent Health
	Legal status of abortion	United Nations Population Division policy database	United Nations Population Division policy database
	Maternity protection (Convention 183)	International Labour Organization	International Labour Organization
	International code of marketing of breastmilk substitutes	World Health Organization, United Nations Children's Fund and International Baby Food Action Network	World Health Organization, United Nations Children's Fund and International Baby Food Action Network <i>Marketing of Breast-milk Substitutes: National Implementation of the International Code: Status Report 2016</i>
	Legislation on food fortification—wheat, rice and maize	Food Fortification Initiative and Global Alliance for Improved Nutrition	Global Fortification Data Exchange
Governance	Costed national implementation plans for maternal, newborn and child health available	World Health Organization	Global Maternal Newborn Child and Adolescent Health Policy Indicator Survey by the World Health Organization Department of Maternal Child Adolescent Health
	Maternal death review	World Health Organization and United Nations Population Fund	Global Maternal Newborn Child and Adolescent Health Policy Indicator Survey by the World Health Organization Department of Maternal Child Adolescent Health and <i>Time to Respond: A Report on the Global Implementation of Maternal Death Surveillance and Response</i>
	Civil society involvement in review of national maternal, newborn and child health programmes	World Health Organization	Global Maternal Newborn Child and Adolescent Health Policy Indicator Survey by the World Health Organization Department of Maternal Child Adolescent

Indicator		Data source	Global database
Financing	Total expenditure on health, per capita	World Health Organization	Global Health Expenditure Database
	Government expenditure on health, per capita	World Health Organization	Global Health Expenditure Database
	Out of pocket expenditure as % of total expenditure on health	World Health Organization	Global Health Expenditure Database
	General government expenditure on health as % of total government expenditure	World Health Organization	Global Health Expenditure Database
	Official development assistance to reproductive, maternal, newborn and child health, total and per capita	Organisation for Economic Co-operation and Development's Development Assistance Committee	London School of Health and Tropical Medicine
Service delivery	Lifesaving commodities in essential medicine list—reproductive health	US Agency for International Development Deliver Project and World Health Organization	US Agency for International Development Deliver Project (emergency contraceptives and implants) and World Health Organization essential medicines list database (female condoms)
	Lifesaving commodities in essential medicine list—maternal health	World Health Organization	Global Maternal Newborn Child and Adolescent Health Policy Indicator Survey by the World Health Organization Department of Maternal Child Adolescent Health
	Lifesaving commodities in essential medicine list—newborn health	World Health Organization	Global Maternal Newborn Child and Adolescent Health Policy Indicator Survey by the World Health Organization Department of Maternal Child Adolescent Health; & the Chlorhexidine Working Group
	Lifesaving commodities in essential medicine list—child health	World Health Organization	Global Maternal Newborn Child and Adolescent Health Policy Indicator Survey by the World Health Organization Department of Maternal Child Adolescent Health
	National availability of functional emergency obstetric care	Health facility surveys, routine facility monitoring, census or other population data source, and United Nations Population Fund	Averting Maternal Death and Disability, United Nations Children's Fund, United Nations Population Fund, World Health Organization special data compilation
	Density of skilled health professionals	World Health Organization	<i>World Health Statistics 2017</i>
	Midwives authorized for specific tasks	World Health Organization	Global Maternal Newborn Child and Adolescent Health Policy Indicator Survey by the World Health Organization Department

Indicator	Data source	Global database
		Adolescent Health