



National Health Indicators and Targets

(Endorsed by the Inter-Ministerial H&P Strategic Forum on 4 April 2018)



1. The seventeen **Sustainable Development Goals (SDGs)**, 169 targets and 244 indicators of the 2030 Agenda integrate all three dimensions of sustainable development (economic, social and environmental) recognizing that eradicating poverty and inequality, creating inclusive economic growth and preserving the planet are inextricably linked.
2. Health is centrally positioned within the 2030 Agenda, with one comprehensive goal (SDG 3) and its 13 targets (and more than 27 indicators) covering major health priorities, and links to targets in many of the other goals.
3. The **National Health Vision (NHV) 2016-25** provides an overarching national vision and agreed upon common direction, harmonizing provincial and federal efforts for achieving the desired SDG3 outcomes and impact. It was designed to represent an aspirational direction and to set ambitious targets to achieve SDGs including universal access to health services.
4. The SDG3 follows the health-related Millennium Development Goals (MDGs) of the period 2000–15, as major challenges remain in terms of reducing maternal and child mortality and control of communicable diseases. The health agenda also highlights the importance of addressing non-communicable diseases and their risk factors such as tobacco use, mental health problems, road traffic injuries, and environmental health issues. Weak health systems are a major obstacle, resulting in major deficiencies in Universal Health Coverage (UHC) for even the most basic health services and inadequate preparedness for health emergencies.
5. M/o NHR&C aims to successfully implement the health-related sustainable development agenda in collaboration with provinces and other sectors, through the development of national plans that are integrated with the National Health Vision 2016-2025.
6. The role of lead Ministries is vital to the SDGs since they form plans/policies based on the data reported on SDG indicators and targets. Ministry of Planning, Development and Reforms has given the responsibility monitoring the indicators to different line ministries. Ministry of Climate Change (with 50 indicators) has the maximum indicators they need to monitor, followed by Ministry of National Health Services, Regulations & Coordination (36 indicators) and Ministry of Finance (31 indicators).
7. The M/o NHR&C has completed the process of localization of health-related SDG indicators. With support of WHO, the Ministry conducted a national level workshop in December 2017 to set baselines (for years 2000 and 2015) and targets for health-related SDGs at the national level, using trend analysis of available data for Pakistan. Following this the ministry and WHO supported the provincial /area DOHs to localize SDG3 indicators at provincial / area level.
8. Alongside, Health Services Academy with support of WHO completed a study in 2018 to gather and analyse data on health-related SDGs and make projections for future both at national/provincial/ area level.
9. The National level health related SDG indicators were finalized and presented in the Inter-Ministerial Health & Population Strategic Forum held on 4 April 2018 and the same were endorsed. It was also discussed and agreed in the forum to hold ONE HEALTH SURVEY for health indicators by pooling all the available resources both domestic and external support.

Annex A: NHV/ SDG 3 and related Indicators at National level and Monitoring options:

SDG Indicators	Baseline		Current Data sources	Target 2030		Comparable estimates required for monitoring at		Proposed Data Sources at		Disaggregation of data required
	2000	2014-15		Expected	Required	International Level	National Level	International	National/ Provincial/ District or Constituency wise	
3.1.1 Maternal Mortality Ratio (per 100,000 live births)	294	178	PDHS, UNIA	95	<70	Annual	6 years	Nat Survey, UNIA	ONE Nat Survey with provincial estimates	Yes
3.1.2 Skilled Birth Attendance (%)	23	58	PDHS, PSLM	>85	>90	Annual	Annual+ 3 Years	Nat survey	ONE Nat Survey with provincial & district/ constituency estimates	Yes
3.2.1 Under Five Mortality Rate (per 1,000 live births)	112.6	81.9	PDHS, UNIA	49	<25	Annual	3 Years	Nat Survey, UNIA	ONE Nat Survey with provincial & district/ constituency estimates	Yes
3.2.2 Neonatal Mortality Rate (per 1,000 live births)	60.1	47.3	PDHS, UNIA	30	<12	Annual	3 Years	Nat Survey, UNIA	ONE Nat Survey with provincial & district/ constituency estimates	Yes
3.3.1 HIV Incidence among adults (per 1,000 uninfected population)	0.01	0.09	UNAIDS, WHO	0.19	≤0.01	Annual	6 Years	UNAIDS	Nat Health Examination Survey	Yes
3.3.2 TB Incidence (per 100,000 population)	275	270	TB Survey, WHO	212-261	≤54	Annual	6 Years	Nat Survey, WHO	Nat Health Examination Survey	Yes
3.3.3 Malaria Incidence (per 1,000 population at risk)	44.8	8.56	Malaria Survey, WHO	<1	<1	Annual	6 Years	Nat Survey, WHO	Nat Health Examination Survey	Yes
3.3.4 Hepatitis B incidence (per 100,000 population)	NA	72	PHRC	45	<1	Annual	6 Years	Nat Survey, WHO	Nat Health Examination Survey	Yes
3.3.5 Number of people requiring interventions against neglected tropical diseases	NA	31,056	NIH, WHO estimates	<10,000	<1	Annual	Annual	WHO	NIH, WHO	-
3.4.1 Probability of dying from cardiovascular disease, cancer, diabetes, chronic respiratory disease between age 30 and 70 (%)	24.8	24.7	WHO, Global Health Estimates	20*	17	5 years	6 Years	WHO	NBoD study, WHO	-
3.4.2 Suicide mortality rate (per 100,000 population)	2.6	2.1	PDHS, WHO, PDS	≤1.6*	≤1	2-3 years	6 Years	WHO	ONE Nat Survey with provincial estimates	-
3.5.1 Coverage of Prevention/ treatment of substance abuse	NA	10	UNODC, WHO	35*	>80	Annual	Annual	UNODC, WHO	NACP, UNODC, WHO	-
3.5.2 Total alcohol per capita (≥ 15 years) consumption (litres of pure alcohol)	NA	0.2	WHO GISAH	≤0.2	Nil	Annual	Annual	WHO	WHO	-

3.6.1 Road traffic mortality rate (per 100 000 population)	15	14.2	WHO, Global Health Estimates, Police Data	<13	8	2-3 years	2-3 years	WHO	Police data	Yes
3.7.1 Proportion of eligible couples who have their need for family planning satisfied with modern methods (%)	35	47	PDHS	>70	>95	Annual	Annual+ 3 Years	Nat Survey	ONE Nat Survey with provincial & district/constituency estimates	Yes
3.7.2 Adolescent birth rate (per 1,000 women aged 15–19 years)	49	38.3	PDHS	29*	≤10	Annual	Annual	Nat Survey	ONE Nat Survey with provincial estimates	Yes
3.8.1 Universal Health Coverage index (%)	NA	40	WHO, WB	65	>80	Annual	Annual	National Survey	ONE Nat Survey with provincial & district/constituency estimates	Yes
Breakdown of the UHC Index										
A: Reproductive, Maternal, New-born, Child and Adolescent Health and Nutrition (weight age: 25%)										
3.7.1 Proportion of eligible couples who have their need for family planning satisfied with modern methods (%)	35	47	PDHS	>70	>95	Annual	Annual+ 3 Years	Nat Survey	ONE Nat Survey with provincial & district/constituency estimates	Yes
Antenatal care, 4+ visits (%)	22	37	WHO/WB, PDHS, PSLM	>55	>90	Annual	Annual+ 3 Years	Nat survey, WHO/WB	ONE Nat Survey with provincial & district/constituency estimates	Yes
Child immunization (DPT III, Penta III) (%)	59	65.2	WHO/WB, PDHS, PSLM	>80	>95	Annual	Annual+ 3 Years	Nat survey, WHO/WB	ONE Nat Survey with provincial & district/constituency estimates	Yes
Care-seeking behaviour for child pneumonia (%)	-	64	WHO/WB, PDHS,	>75	>90	Annual	Annual+ 3 Years	Nat survey, WHO/WB	ONE Nat Survey with provincial & district/constituency estimates	Yes
B: Communicable diseases (weight age: 25%)										
Tuberculosis treatment coverage (%)	-	69	NTP-MIS	>90	>90	Annual	Annual	ATM MIS, WHO	ATM MIS	Yes
ARV Therapy coverage (%)	-	6	HIV-MIS	>25	>90	Annual	Annual	ATM MIS, UNAIDS, WHO/WB	ATM MIS	Yes
LLIN coverage for malaria (%)	-	13.4	MCP	>25	-	Annual	Annual	ATM MIS, WHO	ATM MIS	Yes
Population using safe sanitation (%)	-	64	WHO/WB, PSLM, PDHS	Tbd	100	Annual	Annual	Nat survey, WHO/WB	ONE Nat Survey with provincial & district/constituency estimates	Yes
C: Non-Communicable diseases (weight age: 25%)										
Normal blood pressure (%)	-	53.8	PHRC, WHO/WB (70)	Tbd	Tbd	Annual	6 years	Nat Survey, WHO	Health Examination survey	Yes

Mean fasting plasma glucose (mmol/L) Population with normal glucose level (%)	-	5.84 73.7	WHO/WB, PHRC	Tbd	Tbd	Annual	6 years	Nat Survey, WHO	Health Examination survey	Yes
Cervical cancer screening (%)	-	0.9	Cancer Registry	Tbd	Tbd	Annual	6 years	Nat Survey, WHO	Health Examination survey	Yes
Tobacco non-smoking (%)	-	80	WHO/WB, GATS	Tbd	Tbd	Annual	6 years	Nat Survey, WHO	Health Examination survey	Yes
D: Service coverage and access (weight age: 25%)										
Hospital beds per 10,000 population; Hospital beds against the threshold (%)	-	6 33	WHO/WB FBS	12 66	18 100	Annual	Annual	FBS, WHO/WB	HFA	Yes
Access to essential medicine, vaccine and commodities (%)	-	65	HFA	>80	100	Annual	3 years	HFA, WHO	HFA, 3rd Party Monitoring	Yes
Physicians per 1,000 population Psychiatrists per 100,000 population Surgeons per 100,000 population	- - -	0.8 0.3 1.3	WHO/WB PMDC	1.11 0.7 2.2	1.11 - -	Annual	Annual	PMDC WHO/WB	National Dashboard	Yes
IHR Index - 19 capacities (%)	-	48	IHR Ext Eva	>75	100	Annual	5 years	WHO	IHR Ext Eva	-
3.8.2 Incidence of catastrophic expenditure (%) at 10% of household total consumption or income	-	1.03	WHO/WB	Tbd	Tbd	Annual	3 years	WHO/WB	HIES	-
3.9.1 Mortality rate attributed to household and ambient air pollution (per 100,000 population)	-	87.2	WHO, Global Health Observatory	Tbd	Tbd	2-3 years	-	WHO, Global Health Observatory	-	-
3.9.2 Mortality rate attributed to exposure to unsafe WASH services (per 100,000 population)	-	20.7	WHO, Global Assessment environmental risks, 2012	Tbd	Tbd	2-3 years	-	WHO	-	-
3.9.3 Mortality rate attributed to unintentional poisoning (per 100,000 population)	-	1.5	WHO, Global Health Estimates	Tbd	Tbd	2-3 years	-	WHO	-	-
3.a Age-standardized prevalence of tobacco smoking among persons 15 years and older	-	12.4	GATS	10	Tbd	Annual	3 years	Nat Survey, WHO	Health Examination survey	Yes
3.b.1 Measles - 2 Immunization coverage (%)	-	Introduced	WHO/WB, PDHS, PSLM	>80	>95	Annual	3 years	Nat survey, UNICEF, WHO	ONE Nat Survey with provincial & district/ constituency estimates	Yes
3.b.2 Total ODA to medical research and basic health (%)	-	<1	NHA, OECD database	Tbd	Tbd	Annual	3 years	OECD, WHO	NHA	-
3.b.3 Proportion of health facilities with essential medicines (%)	-	65	HFA 2012	>80	100	Annual	3 years	Nat Survey, WHO	HFA, Third Party Monitoring	Yes

3.c Skilled health professionals' density (per 10,000 population)	6.6	14.1	PMDC, PNC	34.4	44.5	Annual	Annual	PMDC, PNC, WHO	PMDC, PNC National Dashboard	Yes
3.d.1 IHR Index (13 core competencies) (%)	-	53	WHO	>75	100	Annual	5 years	WHO	IHR Ext Eva	-
Other Health related SDGs										
1.a.2 General government health expenditure as % of general government expenditure	-	4.7	Global Health Expenditure database	Tbd	Tbd	Annual	3 years	GHED	NHA	-
2.2.1 Prevalence of stunting among children < 5 years of age (%)	36.8	45	NNS, UNIA	22	Tbd	Annual	3 years	Nat survey UNICEF, WHO	ONE Nat Survey with provincial estimates	Yes
2.2.2 Prevalence of wasting in children < 5 years of age (%)	13.1	10.8	NNS, UNIA	3	Tbd	Annual	3 years	Nat survey UNICEF, WHO	ONE Nat Survey with provincial estimates	Yes
2.2.2 Prevalence of overweight in children < 5 years of age (%)	-	NA	NNS, UNIA	Tbd	Tbd	Annual	3 years	Nat survey UNICEF, WHO	ONE Nat Survey with provincial estimates	Yes
5.2.1 Proportion of ever-partnered women and girls aged 15 years and older subjected to physical, sexual or psychological violence by a current or former intimate partner in the previous 12 months, by form of violence and by age	-	38.5	PDHS	Tbd	Tbd	Annual	3 years	Nat survey, UNW	ONE Nat Survey with provincial estimates	Yes
5.3.1 Proportion of women aged 20-24 years who were married or in a union before age 15 and before age 18	-	2.8 21.0	PDHS	<1 <15	≤10	Annual	Annual	Nat Survey, UNPD	ONE Nat Survey with provincial estimates	Yes
5.3.2 Proportion of girls and women aged 15-49 years who have undergone female genital mutilation/cutting, by age	-	-	NA	-	-	-	-	-	-	-
5.6.1 Proportion of women aged 15-49 years who make their own informed decisions regarding sexual relations, <u>contraceptive use</u> and reproductive health care	-	47	PDHS	70	100	Annual	3 Years	Nat Survey, UNW	ONE Nat Survey with provincial estimates	Yes

6.1.1 Proportion of population using improved drinking-water sources (%)	86	91	PSLM	100	100	Annual	Annual+ 3 Years	Nat survey UNICEF, WHO	ONE Nat Survey with provincial, district/constituency estimates	Yes
6.2.1 Proportion of population using improved sanitation (%)	57	73	PSLM	>90	100	Annual	Annual+ 3 Years	Nat survey UNICEF, WHO	ONE Nat Survey with provincial, district/constituency estimates	Yes
7.1.2 Proportion of population with primary reliance on clean fuels (%)	-	45	WHO	Tbd	>95	Annual	3 years	Nat survey WHO	ONE Nat Survey with provincial, district/constituency estimates	Yes
11.6.2 Annual mean levels of fine particulate matter (PM _{2.5}) in urban areas (µg/m ³)	-	67.7	WHO Global Assessment	Tbd	Tbd	Annual	-	-	-	-
13.1.1 Average death rate due to natural disasters (per 100,000 population)	-	0.4	WHO, Global Health Estimates	Tbd	Tbd	5 years	-	-	-	-
16.1.1 Mortality rate due to homicide (per 100,000 population)	-	9.5	WHO, Global Health Estimates	Tbd	Tbd	5 years	-	-	-	-
16.1.2 Estimated deaths from major conflicts (per 100,000 population)	-	-	WHO	Nil	Nil	5 years	-	-	-	-
17.19.2 Completeness (%) of cause-of-death data	-	NA	WHO, Global Health Estimates	Tbd	Tbd	5 years	-	-	-	-

*: intuitive estimates based on consultations with stakeholders

Annex B: NHV/ SDG3 and related Indicators at National level with Milestones:

SDG Indicators	Baseline		Current Data sources	Milestone						Target 2030	
	2000	2014-15		2018	2020	2022	2024	2026	2028	Expected	Required
3.1.1 Maternal Mortality Ratio (per 100,000 live births)	294	178	PDHS, UNIA	160	148	137	126	115	105	95	<70
3.1.2 Skilled Birth Attendance (%)	23	58	PDHS, PSLM	69	72	75	78	82	85	>85	>90
3.2.1 Under Five Mortality Rate (per 1,000 live births)	112.6	81.9	PDHS, UNIA	75	70	66	62	57	53	49	<25
3.2.2 Neonatal Mortality Rate (per 1,000 live births)	60.1	47.3	PDHS, UNIA	42	40	38	36	34	32	30	<12
3.3.1 HIV Incidence among adults (per 1,000 uninfected population)	0.01	0.09	UNAIDS, WHO	0.11	0.12	0.14	0.15	0.16	0.17	0.19	≤0.01
3.3.2 TB Incidence (per 100,000 population)	275	270	TB Survey, WHO	269	267	260-266	250-265	230-264	220-263	212-261	≤54
3.3.3 Malaria Incidence (per 1,000 population at risk)	44.8	8.56	Malaria Survey, WHO	7	3.9	3	2	1	1	<1	<1
3.3.4 Hepatitis B incidence (per 100,000 population)	NA	72	PHRC	68	64	60	56	52	49	45	<1
3.3.5 Number of people requiring interventions against neglected tropical diseases	NA	31,056	NIH, WHO estimates				<20,000			<10,000	<1
3.4.1 Probability of dying from cardiovascular disease, cancer, diabetes, chronic respiratory disease between age 30 and 70 (%)	24.8	24.7	WHO, Global Health Estimates	24.7	24.7	24	23.5	22.5	21.5	20*	17
3.4.2 Suicide mortality rate (per 100,000 population)	2.6	2.1	PDHS, WHO, PDS				1.9			≤1.6*	≤1
3.5.1 Coverage of Prevention/ treatment of substance abuse	NA	10	UNODC, WHO				15			35*	>80
3.5.2 Total alcohol per capita (≥ 15 years) consumption (litres of pure alcohol)	NA	0.2	WHO GISAH				0.2			≤0.2	Nil
3.6.1 Road traffic mortality rate (per 100 000 population)	15	14.2	WHO, Global Health Estimates, Police Data	14.5	15.5	15	15	14	14	<13	8

3.7.1 Proportion of eligible couples who have their need for family planning satisfied with modern methods (%)	35	47	PDHS	50	54	56	58	62	66	>70	>95
3.7.2 Adolescent birth rate (per 1,000 women aged 15–19 years)	49	38.3	PDHS	36.3	35	34	32.7	31.6	30.4	29*	≤10
3.8.1 Universal Health Coverage index (%)	NA	40	WHO, WB	49	53	55	57	60	62	65	>80
Breakdown of the UHC Index											
A: Reproductive, Maternal, New-born, Child and Adolescent Health and Nutrition (weight age: 25%)											
3.7.1 Proportion of eligible couples who have their need for family planning satisfied with modern methods (%)	35	47	PDHS	50	54	56	58	62	66	>70	>95
Antenatal care, 4+ visits (%)	22	37	WHO/WB, PDHS, PSLM	40	42	45	47	50	53	>55	>90
Child immunization (DPT III, Penta III) (%)	59	65.2	WHO/WB, PDHS, PSLM	75	76	77	78	79	80	>80	>95
Care-seeking behaviour for child pneumonia (%)	-	64	WHO/WB, PDHS,	66	67	69	71	72	74	>75	>90
B: Communicable diseases (weight age: 25%)											
Tuberculosis treatment coverage (%)	-	69	NTP-MIS	73	75	78	81	84	88	>90	>90
ARV Therapy coverage (%)	-	6	HIV-MIS	6	6	7	10	15	20	>25	>90
LLIN coverage for malaria (%)	-	13.4	MCP	15	17	19	21	23	24	>25	-
Population using safe sanitation (%)	-	64	WHO/WB, PSLM, PDHS							Tbd	100
C: Non-Communicable diseases (weight age: 25%)											
Normal blood pressure (%)	-	53.8	PHRC, WHO/WB (70)							Tbd	Tbd
Mean fasting plasma glucose (mmol/L)	-	5.84	WHO/WB, PHRC							Tbd	Tbd
Population with normal glucose level (%)	-	73.7									
Cervical cancer screening (%)	-	0.9	Cancer Registry							Tbd	Tbd
Tobacco non-smoking (%)	-	80	WHO/WB, GATS							Tbd	Tbd
D: Service coverage and access (weight age: 25%)											
Hospital beds per 10,000 population; Hospital beds against the threshold (%)	-	6 33	WHO/WB FBS	9	10	10	11	12	12	12 66	18 100
Access to essential medicine, vaccine and	-	65	HFA	67	70	74	78	80	80	>80	100

commodities (%)											
Physicians per 1,000 population	-	0.8	WHO/WB	0.9	0.9	1	1	1.1	1.11	1.11	1.11
Psychiatrists per 100,000 population	-	0.3	PMDC							0.7	-
Surgeons per 100,000 population	-	1.3								2.2	-
IHR Index - 19 capacities (%)	-	48	IHR Ext Eva	52	55	58	61	65	70	>75	100
3.8.2 Incidence of catastrophic expenditure (%) at 10% of household total consumption or income	-	1.03	WHO/WB							Tbd	Tbd
3.9.1 Mortality rate attributed to household and ambient air pollution (per 100,000 population)	-	87.2	WHO, Global Health Observatory							Tbd	Tbd
3.9.2 Mortality rate attributed to exposure to unsafe WASH services (per 100,000 population)	-	20.7	WHO, Global Assessment environmental risks, 2012							Tbd	Tbd
3.9.3 Mortality rate attributed to unintentional poisoning (per 100,000 population)	-	1.5	WHO, Global Health Estimates							Tbd	Tbd
3.a Age-standardized prevalence of tobacco smoking among persons 15 years and older	-	12.4	GATS				11			10	Tbd
3.b.1 DPT3/Penta3 Immunization coverage (%)	59	65.2	WHO/WB, PDHS, PSLM	75	76	77	78	79	80	>80	>95
3.b.2 Total ODA to medical research and basic health (%)	-	<1	NHA, OECD database							Tbd	Tbd
3.b.3 Proportion of health facilities with essential medicines (%)	-	65	HFA 2012	67	70	74	78	80	80	>80	100
3.c Skilled health professionals' density (per 10,000 population)	6.6	14.1	PMDC, PNC	15	15.5	17	20	24	38	34.4	44.5
3.d.1 IHR Index (13 core competencies) (%)	-	53	WHO	57	60	63	66	70	74	>75	100
Other Health related SDGs											
1.a.2 General government health expenditure as % of general government expenditure	-	4.7	Global Health Expenditure database							Tbd	Tbd
2.2.1 Prevalence of stunting	36.8	45	NNS, UNIA	37.6						22	Tbd

among children < 5 years of age (%)											
2.2.2 Prevalence of wasting in children < 5 years of age (%)	13.1	10.8	NNS, UNIA	7.1						3	Tbd
2.2.2 Prevalence of overweight in children < 5 years of age (%)	-	NA	NNS, UNIA							Tbd	Tbd
5.2.1 Proportion of ever-partnered women and girls aged 15 years and older subjected to physical, sexual or psychological violence by a current or former intimate partner in the previous 12 months, by form of violence and by age	-	38.5	PDHS							Tbd	Tbd
5.3.1 Proportion of women aged 20-24 years who were married or in a union before age 15 and before age 18	-	2.8 21.0	PDHS							<1 <15	≤10
5.3.2 Proportion of girls and women aged 15-49 years who have undergone female genital mutilation/cutting, by age	-	-	NA							-	-
5.6.1 Proportion of women aged 15-49 years who make their own informed decisions regarding sexual relations, <u>contraceptive use</u> and reproductive health care	35	47	PDHS	50	54	56	58	62	66	>70	>95
6.1.1 Proportion of population using improved drinking-water sources (%)	86	91	PSLM							100	100
6.2.1 Proportion of population using improved sanitation (%)	57	73	PSLM							>90	100
7.1.2 Proportion of population with primary reliance on clean fuels (%)	-	45	WHO							Tbd	>95
11.6.2 Annual mean levels of fine particulate matter (PM _{2.5}) in urban	-	67.7	WHO Global Assessment							Tbd	Tbd

areas ($\mu\text{g}/\text{m}^3$)												
13.1.1 Average death rate due to natural disasters (per 100,000 population)	-	0.4	WHO, Global Health Estimates								Tbd	Tbd
16.1.1 Mortality rate due to homicide (per 100,000 population)	-	9.5	WHO, Global Health Estimates								Tbd	Tbd
16.1.2 Estimated deaths from major conflicts (per 100,000 population)	-	-	WHO								Nil	Nil
17.19.2 Completeness (%) of cause-of-death data	-	NA	WHO, Global Health Estimates								Tbd	Tbd