

Eastern Mediterranean Region

Framework for health information systems and core indicators for monitoring health situation and health system performance

2016

Foreword

Reliable and timely health information is essential for policy development, proper health management, evidence-based decision-making, rational use of resources and monitoring and evaluation of the public health situation, health care delivery and outcomes. While the demand for health information is increasing in terms of quantity, quality and levels of disaggregation, the response to these needs is hampered because of fragmentation and major gaps and weaknesses in national health information systems.

The strengthening of health information systems is a priority for WHO in the Region. Intensive work with Member States since 2012 has resulted in a clear framework for health information systems and 68 core indicators that focus on three main components: 1) monitoring health determinants and risks; 2) assessing health status, including morbidity and cause-specific mortality; and 3) assessing health system response.

The regional core indicators were endorsed by the WHO Regional Committee for the Eastern Mediterranean at its 61th Session in 2014. Since then Member States have started to adopt and report on the core indicators. Efforts are also being made to improve the capacity of Member States in reporting on core indicators. In light of the targets of the Sustainable Development Goals, consultation is under way with Member States to update and potentially expand the core indicators list. These changes will be reflected in the concise indicator registry.

As part of WHO's efforts to strengthen national health information systems, WHO is supporting capacity building in death certification, ICD coding and use of the DHIS2 platform to enhance the reporting of routine data. WHO is also developing appropriate modalities to assess national health information systems in a comprehensive way that supports Member States in improving such systems.

This publication uses available data drawn from multiple sources, including figures provided by Member States, World health statistics 2016, the Global Health Observatory and estimates developed by United Nations agencies including WHO. Every effort has been made to incorporate the most comprehensive, recent and reliable data, and to validate these data with countries within a very short time-frame. I would welcome your input and observations on the data presented here.

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Framework for health information systems and core indicators

Health determinants and risks

Demographic and socioeconomic determinants

- Population size
- Population growth rate
- Total fertility rate
- Adolescent fertility rate (15-19 years)
- Net primary school enrolment
- Population below the international poverty line
- Literacy rate among persons 15-24 years
- Access to improved drinking water
- Access to improved sanitation facilities

Risk factors

- Low birth weight among newborns
- Exclusive breastfeeding rate 0–5 months of age
- Children under 5 who are stunted
- Children under 5 who are wasted
- Children under 5 who are overweight
- Children under 5 who are obese
- Overweight (13-18 years)
- Obesity (13-18 years)
- Overweight (18+ years)
- Obesity (18+ years)
- Tobacco use among persons 13-15 years
- Tobacco use among persons 15+ years
- Insufficient physical activity (13-18 years)
- Insufficient physical activity (18+ years)
- Raised blood glucose among persons 18+ years
- Raised blood pressure among persons 18+ years
- Anaemia among women of reproductive age

Health status

Life expectancy and mortality

- Life expectancy at birth
- Neonatal mortality rate
- Infant mortality rate
- Under-five mortality rate
- Maternal mortality ratio
- Mortality rate by main cause of death (age-standardized)
- Mortality between ages 30 and 70 from cardiovascular diseases, cancer, diabetes, or chronic respiratory diseases
- Mortality rate from road traffic injuries

Morbidity

- Cancer incidence by type of cancer
- Tuberculosis notification rate
- Estimated number of new HIV infections
- Number of newly reported HIV cases
- Incidence of confirmed malaria cases
- Incidence of measles cases

Health system response

Health financing

- Per capita total health expenditure
- Out-of-pocket expenditure as % of total health expenditure
- General government expenditure on health as % of general government expenditure
- Population with catastrophic health expenditure
- Population impoverished due to out-of-pocket health expenditure

Health workforce

- Density of health workers: a-physicians, b-nurses, c-midwives, d-pharmacists, e-dentists
- Density of recent graduates of registered health profession educational institutions

Health information system

- Birth registration coverage
- Death registration coverage

Medicines and medical devices

- Availability of selected essential medicines in health facilities
- Density per million population of 6 selected medical devices in public and private health facilities

Service delivery

- Density of primary health care facilities
- Hospital bed density
- Surgical wound infection rate
- Annual number of outpatient department visits, per capita

Service coverage

- Demand for family planning satisfied with modern methods
- Antenatal care coverage (1+;4+)
- Births attended by skilled health personnel
- Children under 5 with diarrhoea receiving oral rehydration therapy
- DTP3/Pentavalent Immunization coverage rate among children under 1 year of age
- Measles immunization coverage rate (MCV1)
- Coverage of service for severe mental health disorders
- Tuberculosis treatment success rate
- Percentage of suspected malaria cases that have had a diagnostic test
- Percentage of population sleeping under insecticide-treated nets
- Antiretroviral therapy (ART) coverage among all adults and children living with HIV
- Percentage of key populations at higher risk (who inject drugs, sex workers, men who have sex with men) who have received an HIV test in the past 12 months and know their results

Demographic and socioeconomic determinants indicators

Country	Population 2015		Population growth		Life expectancy at birth (years), 2015			Literacy rate (15-24 years)				Net primary school enrolment ratio per 100 school-age children				Population below the international poverty line		Total fertility		Adolescent fertility (15-19 years), 2015
	Total (000s)	Urban %	%	Y	T	M	F	T %	M %	F %	Y	T Ratio	M Ratio	F Ratio	Y	%	Y	Rate (R)		
																		Per women		Per 1000 girls
																		R	Y		R
Afghanistan	29 200	24	2.0	2013	60.5	59.3	61.9	31	45	17	2012	57	64	48	2012	35.8	2011	5.3	2015	51.9
Bahrain	1 315 ^a	100	4.9	2013	76.9	76.2	77.9	94	97	90	2010	112	111	112	2010	...	...	2.1	2014	13.8
Djibouti	8 60 ^b	...	1.5	2012	63.5	61.8	65.3	...	...	...	...	59	63	55	2014	...	...	3.4	2013	20.6
Egypt	88 958	43	3.5	2015	73.2	68.8	74.0	93	78 ^d	65 ^d	2015	91	...	...	2015	26.4	2014	3.5	2014	56.0
Iran, Islamic Republic of	78 773	73	1.3	2011	75.5	74.5	76.6	96	97	96	2011	99	99 ^a	98 ^a	2015	...	...	1.9	2013	37.7
Iraq	36 934	70	2.5	2015	68.9	66.2	71.8	...	78	...	2013	92 ^b	94	83	2014	17.0	2014	4.6	2011	82.0
Jordan	9 532	83 ^a	5.3	2015	74.1	72.5	75.9	96	97	91	2015	98	98	99	2014	14.4	2010	3.5	2015	26.0
Kuwait	4 039 ^a	100	13.7	2014	74.7	73.7	76.0	95	96 ^c	94 ^c	2014	100	100	100	2014	...	...	1.7	2014	7.1
Lebanon	4 292	85 ^d	1.4	2015	74.9	73.5	76.5	...	...	...	...	93	97	90	2013	...	...	1.5	2013	...
Libya	6 246	88	1.8	2012	72.7	70.1	75.6	88	92	83	2014	97	97	97	2010	...	...	3.4	2014	6.0
Morocco	33 848 ^a	60	1.3	2014	74.3	73.3	75.4	88	92	83	2014	99	100	99	2014	...	...	2.2	2014	32.0
Oman	4 159	75 ^b	3.1	2015	76.6	75.0	79.2	88	92	83	2010	96	97	96	2013	...	...	4.0	2015	13.5
Pakistan	189 900	38	2.0	2013	66.4	65.5	67.5	58	67	49	2013	67	72	62	2015	21.0	2015	3.8	2013	44.0
Palestine	4 682	83	2.9	2015	73.5	72.0	75.0	99	99	99	2015	94	93	95	2015	25.8	2014	4.1	2015	48.0
Qatar	2 438	100	10.6	2014	78.2	77.4	80.0	98	97 ^d	96 ^d	2013	102	93 ^b	100 ^b	2014	...	...	2.0	2014	13.4
Saudi Arabia	31 521	83	1.9	2015	74.5	73.2	76.0	99	99	99	2015	98	97 ^c	97 ^c	2015	...	...	2.7	2015	17.6
Somalia	12 316 ^a	42	2.9	2014	55.0	53.5	56.6	...	...	...	...	17	18	17	2014	...	...	6.4	2015	64.0
Sudan	38 435	31	...	...	64.1	62.4	65.9	60	...	...	2014	76	65 ^d	59 ^d	2014	46.5	2011	5.2	2014	87.0
Syrian Arab Republic	22 712 ^a	54 ^c	2.5	2010	64.5	59.9	69.9	...	...	...	...	...	...	...	...	...	...	3.0	2013	54.0
Tunisia	11 154	68	1.3	2012	75.3	73.0	77.8	97	98	96	2011	99	90	99	2014	15.5	2010	2.4	2014	7.0
United Arab Emirates	9 086 ^a	84	4.9	2011	77.1	76.4	78.6	...	92	93	2010	91	92	90	2012	...	...	1.8	2013	34.2
Yemen	25 235 ^b	29 ^b	3.0	2013	65.7	64.3	67.2	...	...	...	...	88	95	81	2013	...	...	4.4	2013	67.0

Health determinants and risks

Country	Biological, 2014				Nutritional												
	Low birth weight among newborns %	Exclusive breastfeeding 0–5 months of age %	Adults (18+ years) ⁹		Children under 5 who are				Y	Youth (13–18 years)			Adults (18+ years) ⁹ , 2014		Anaemia among women of reproductive age (15–49 years) %	Y	
			Raised blood glucose %	Raised blood pressure %	stunted %	wasted %	overweight %	obese %		Overweight %	Obesity %	Y	Overweight %	Obesity %			
Afghanistan	6.0 ^e	58.4 ^b	9.6	21.7	40.9	9.5	5.4	2.0	2013	...	...	...	16.2	2.9	40.4	2013
Bahrain	8.3	33.8	17.3	19.2	2.4	2.1	2.0	1.0	2012	...	...	...	71.7	35.1	28.2	2012
Djibouti	10.0	49.3 ^b	8.7	24.4	29.7	17.8	8.1 ^c	...	2013	...	...	...	31.9	9.6	...	...
Egypt	...	39.7	18.9	23.5	21.4	8.4	14.9	8.5	2014	27.4	8.5	2014	62.0	28.9	25.2	2014	
Iran, Islamic Republic of	7.0	23.0	12.2	20.4	6.8 ^e	3.0 ^e	11.8	15.0	2013	...	...	...	62.3	26.1	...	...
Iraq	14.8	41 ^f	16.8	21.8	22.6 ^c	7.4	11.8 ^c	6.0 ^d	2014	25.3	7.9	2012	57.9	23.8	20.0	2011	
Jordan	13.0	23.0 ^c	14.9	19.3	7.7	2.4	4.4	...	2013	...	...	...	65.9	30.5	30.6	2011
Kuwait	7.0	11.9	20.1	19.9	4.8	2.7	5.7	2.1	2014	51.4	22.7	2011	75.4	39.7	22.2	2014	
Lebanon	11.5	14.8	12.6	22.1	7.3	6.6	16.7	6.3	2015	24.1	6.7	2011	68.7	31.9	...	...
Libya	7.1	67.0 ^f	17.0	21.9	21.0	6.5	22.0	10.5	2015	...	...	...	68.7	33.1	...	...
Morocco	15.4	27.8 ^d	13.5	25.3	16.5 ^d	3.0 ^d	10.7	2.4	2012	14.1	2.5	2010	56.5	22.3	...	...
Oman	12.0 ^b	14.4 ^b	16.4	17.2	9.8	7.1 ^d	1.7 ^d	0.5 ^d	2015	...	...	...	67.4	30.9	26.8	2015
Pakistan	32.0	38.0	10.8	23.0	45.0 ^b	10.5	6.4 ^c	2.8 ^c	2014	...	...	...	23.0	5.4	50.4	2011
Palestine	5.7 ^f	38.6	8.5 ^d	35.8 ^d	7.4	1.2	5.3 ^b	...	2014	22.2	6.1	2010	57.8 ^e	26.8 ^e	27.0	2013	
Qatar	...	29.3 ^b	23.0	18.1	11.6	10.1	12.9 ^b	14.0 ^b	2015	...	...	...	78.1	42.3	24.7	2010
Saudi Arabia	11.0	31.0	18.3	21.8	9.3	11.8	6.1 ^e	11.0 ^e	2015	...	...	...	69.6	34.7	40.0	2013
Somalia	8.3 ^d	5.3 ^d	6.8	26.4	42.1	13.2	...	...	2015	...	...	...	20.7	4.6	...	...
Sudan	32.3	41.0	10.0	24.4	38.2	16.3	3.0	...	2014	11.4	3.6	2012	27.8	7.5	...	...
Syrian Arab Republic	9.4	42.6 ^d	13.9	21.3	22.3	7.2	17.9 ^d	7.2 ^d	2014	21.7	5.8	2010	58.5	23.5	...	...
Tunisia	6.9	8.5	13.3	24.4	10.1 ^b	2.8	14.3 ^b	2.3 ^b	2015	...	...	...	62.9	27.1	...	...
United Arab Emirates	6.1	34.0	18.6	14.7	...	...	...	...	...	38.4	14.4	2010	74.0	37.2	...	...
Yemen	45.0 ^d	11.5	15.5	23.3	47.0	16.3	2.0	0.4	2014	...	...	...	46.8	17.2	...	...

Health determinants and risks

Country	Behavioural										Environmental, 2015	
	Insufficient physical activity (13-18 years)	Y	Insufficient physical activity (18+ years) ⁹ , 2010	Tobacco use (13-15 years)				Tobacco use (15+ years) ⁹ , 2014			Access to improved drinking water	Access to improved sanitation facilities
				T %	M %	F %	Y	T %	M %	F %		
%		%	%	%	%	%	%	%	%	%	%	
Afghanistan	...	...	...	8.6	8.7	8.1	2010	...	...	...	55	32
Bahrain	...	...	...	...	...	...	...	30.3	42.7	7.1	100	99
Djibouti	...	...	...	17.5	18.6	15.2	2013	...	...	...	90	47
Egypt	83.5	2011	32.3	5.1	7.2	2.8	2011	23.8	47.5	0.4	99	95
Iran, Islamic Republic of	...	...	33.5	5.9	7.5	4.2	2012	11.7	22.4	1.0	96	90
Iraq	80.0	2012	49.3	8.7	12.1	4.6	2012	...	...	...	87	86
Jordan	...	...	15.6	24.0	33.9	13.8	2014	38.4	65.5	10.2	97	99
Kuwait	79.1	2011	56.6	17.0	25.0	8.5	2011	...	...	...	99	100
Lebanon	65.4	2011	38.8	11.3	17.7	6.0	2011	37.0	43.9	29.9	99	81
Libya	...	...	38.0	8.1	11.0	5.0	2010	...	...	...	98 ^e	97
Morocco	82.6	2010	...	8.8	12.0	4.9	2010	22.0	43.6	1.6	85	77
Oman	77.8	2010	...	3.3	4.9	1.7	2010	13.5	19.5	1.0	93	97
Pakistan	...	...	26.0	10.7	13.3	6.6	2013	22.6	41.0	3.4	91	64
Palestine	78.6	2010	46.5 ^d	21.3	32.5	9.8	2010	20.2 ^d	37.6 ^d	2.6 ^d	92 ^b	99 ^b
Qatar	85.0	2011	41.6	15.7	22.8	8.8	2013	...	...	...	100	98
Saudi Arabia	...	...	61.0	14.9	21.2	9.1	2010	17.1	26.8	3.0	97	100
Somalia	...	...	...	...	...	...	...	...	...	...	31 ^d	23 ^d
Sudan	89.0	2012	...	8.8	10.9	6.6	2012	...	...	...	55 ^c	24 ^c
Syrian Arab Republic	84.9	2010	...	24.5	31.6	17.4	2010	...	...	...	90	96
Tunisia	...	...	23.5	11.4	20.1	3.8	2010	...	...	...	98	92
United Arab Emirates	72.5	2010	38.4	12.5	16.5	8.4	2013	...	...	...	100	98
Yemen	...	...	...	18.7	23.9	9.9	2014	...	...	...	55 ^c	53 ^c

Health status (mortality)

Country	Neonatal	Infant	Under-5	Maternal mortality ratio	Age-standardized mortality rates by major cause, 2012			Mortality between ages 30 and 70 from cardiovascular disease, cancer, diabetes, chronic respiratory disease, 2012	Mortality rate from road traffic injuries	
	Mortality per 1000 live births, UN-IGME 2015 estimates			Per 100 000 live births, UN-MMEIG 2015 estimate	Per 100 000 population				Reported 2015	WHO estimate, 2013
								Per 10 000 population	Per 100 000 population	
	R	R	R	Ratio	Communicable diseases	Noncommunicable diseases	Injuries	R	R	R
Afghanistan	36	66	91	396	363	846	169	31	4.6 ^b	15.5
Bahrain	1	5	6	15	48	506	34	13	5.9 ^a	8.0
Djibouti	33	54	65	229	626	631	106	19	...	24.7
Egypt	13	20	24	33	74	782	33	25	9.2	12.8
Iran, Islamic Republic of	10	13	16	25	56	569	75	17	21.1 ^h	32.1
Iraq	18	27	32	50	87	715	128	24	17.9 ^b	20.2
Jordan	11	15	18	58	53	640	53	20	6.4	26.3
Kuwait	3	7	9	4	82	406	25	12	12.8 ^c	18.7
Lebanon	5	7	8	15	30	385	41	12	...	22.6
Libya	7	11	13	9	53	550	63	18	60.1 ^b	73.4
Morocco	18	24	28	121	...	708	47	23	11.6 ^b	20.8
Oman	5	10	12	17	84	478	53	18	16.2	25.4
Pakistan	46	56	81	178	296	669	99	21	...	14.2
Palestine	12	18	21	45	3 ^f	60 ^f	20 ^f	21	4.9 ^j	5.6
Qatar	4	7	8	13	28	407	41	14	9.6	15.2
Saudi Arabia	8	13	15	12	71	549	41	17	25.5 ^b	27.4
Somalia	40	85	137	732	927	551	188	19	...	25.4
Sudan	30	48	70	311	496	551	134	17	6.5 ^b	24.3
Syrian Arab Republic	7	11	13	68	41	573	308	19	9.2 ^a	22.9 ^a
Tunisia	8	12	14	62	65	509	39	17	12.8	24.4
United Arab Emirates	4	6	7	6	36	547	32	19	6.5 ^b	10.9
Yemen	22	34	42	385	515	627	84	23	...	21.5

^h Calendar year 1 March 2014-28 February 2015

^j West Bank only

UN-IGME: United Nations Inter-agency Group for Child Mortality Estimation

UN-MMEIG: United Nations Maternal Mortality Estimation Inter-Agency Group

Health status (morbidity, 2015)

Country	Cancer (all types), 2012	Tuberculosis	HIV		Malaria		Measles
	Incidence	Case notification, 2014	Estimated number of new infections	Number of newly reported cases	Incidence of confirmed cases	Total number of reported cases	Incidence
	Rate per 100 000 population		N	N	Per 1000 population		Per 1 000 000 population
	R	R			R	N	
Afghanistan	115.2	103	<1000	212	4.2	350 044	36.9
Bahrain	112.4	...	...	...	...	...	0
Djibouti	92.7	254	<1000	...	...	...	34.7
Egypt	152	8	1 500	1 171	...	291 ^m	60.9
Iran, Islamic Republic of	127.7	13	7 100	1 688 ^a	...	797 ^k	8.2
Iraq	135.3	24	...	32	...	2 ^m	43.8
Jordan	155.4	5	...	20	...	59 ^m	0
Kuwait	102.1	20	...	22 ^a	...	309 ^m	5
Lebanon	197.4 ^b	12	<200	113	...	125 ^m	9.1
Libya	75.1	19	...	...	...	...	15
Morocco	117.8	91	1 200	1 249	...	510 ^m	0.5
Oman	82.1	8	...	142	...	822 ^k	0
Pakistan	111.8	171	17 000	4 098	1.1	3 776 244	1.9
Palestine	145.7	1	...	3	...	...	0
Qatar	108.8	21	...	16	...	445 ^m	10.4
Saudi Arabia	91.1	11	...	436	...	2 620 ^k	7.7
Somalia	139.1	125	3 000	995	1.9	39 169	12.9
Sudan	91.1	52	5 600	3 066	...	1 207 771 ^a	87.1
Syrian Arab Republic	145.9	19	...	12	...	12 ^m	2
Tunisia	110.6	29	<500	156	...	88 ^m	1.5
United Arab Emirates	92.5	1	...	...	...	3 685 ^m	40.8
Yemen	80.4	37	<1000	261 ^c	3.3	96 348	16.8

^k Of which locally transmitted cases were 187 (Islamic Republic of Iran), 4 (Oman) and 83 (Saudi Arabia)

^m Imported cases; no local transmission

Health financing

Country	Per capita total expenditure on health ^p	Out-of-pocket expenditure as % of total health expenditure ^p	General government expenditure on health as % of general government expenditure ^p		Population with catastrophic health expenditure	Population impoverished due to out-of-pocket health expenditure	
	US\$ exchange rate	%	%	Y	%	%	Y
Afghanistan	57	63.9	12.0	2014	...	...	...
Bahrain	1 243	23.3	10.5	2014	...	...	...
Djibouti	191	35.8	14.1	2014	...	...	...
Egypt	178	55.7	5.6	2014	4.4	1.1	2013
Iran, Islamic Republic of	351	47.8	17.5	2014	2.4 ^q	0.8	2015
Iraq	292	39.7	6.5	2014	...	...	...
Jordan	359	20.9	13.7	2014	...	...	...
Kuwait	1 386	12.7	5.8	2014	...	...	...
Lebanon	569	36.4	10.7	2014	...	...	...
Libya	372	26.5	4.9	2014	...	...	...
Morocco	190	58.4	6.0	2014	...	...	...
Oman	675	5.8	6.8	2014	...	...	...
Pakistan	36	56.3	4.7	2014	...	...	...
Palestine ^q	305	37.7	11.0	2013	...	...	...
Qatar	2 106	6.9	5.8	2014	...	...	...
Saudi Arabia	1 147	14.3	8.2	2014	...	...	...
Somalia	...	...	...	...	...	...	...
Sudan	130	75.5	11.6	2014	4.1	2.2	2012
Syrian Arab Republic	67	53.7	4.8	2014	...	...	...
Tunisia	305	37.7	14.2	2014	1.8	1.1	2010
United Arab Emirates	1 611	17.8	8.7	2014	...	...	...
Yemen	80	76.4	3.9	2014	...	...	...

^p Source: WHO global health expenditure online database (<http://apps.who.int/nha/database>)

^q Country data

Health workforce

Country	Personnel per 10 000 population					Registered recent graduates of health profession educational institutions per 100 000 population				
	Physicians	Nursing and midwifery	Dentists	Pharmacists		Physicians	Nursing and midwifery	Dentists	Pharmacists	
	R	R	R		Y	R	R	R	R	Y
Afghanistan	2.7	3.2	0.1	0.3	2014	...	...	...	...	...
Bahrain	25.3	50.1	4.2	5.8	2014	...	...	...	...	...
Djibouti	2.1	5.1	0.2	2.2	2010	...	...	...	...	...
Egypt	8.4	14.8	1.7	3.4	2014	...	...	...	...	...
Iran, Islamic Republic of	15.1	15.7 ^b	3.6	2.3	2014	4.6	16.3	1.4	1.1	2015
Iraq	8.4	17.8	2.2	2.4	2014	4.9	13.9	3.1	3.5	2014
Jordan	22.2	20.7	7.1	13.5	2015	14.4	15.0	1.2	8.6	2014
Kuwait	29.0	56.0	7.4	9.0	2014	2.2	3.0	1.4	0.6	2014
Lebanon	32.0	33.0	12.9	17.5 ^a	2015	...	...	...	...	...
Libya	20.0	71.0	7.0	6.0	2013	...	...	...	...	...
Morocco	6.3	8.9	1.4	0.1	2013	...	...	...	...	...
Oman	21.4	46.3	2.8	5.1	2015	5.3	10.8	1.2	3.0	2012
Pakistan	9.6	4.9	0.9	1.4 ^d	2015	...	...	...	...	...
Palestine	21.5	22.3	5.7	9.7	2015	...	...	...	...	...
Qatar	24.9	61.8	6.5	9.4	2014	2.1	1.2	...	2.1	2011
Saudi Arabia	27.5	54.7	4.3	7.5	2015	6.1	1.6	2.3	2.3	2013
Somalia	...	...	...	...	...	...	...	...	...	...
Sudan	4.1	8.3	2.1	4.5	2015	1.0	...	...	...	2014
Syrian Arab Republic	13.3	19.8	7.6	12.7	2014	2.0	...	1.0	1.0	2010
Tunisia	13.0	40.9 ^f	3.1	2.3	2015	...	...	...	...	...
United Arab Emirates	20.2	33.6 ^c	4.4	4.0	2014	8.4	3.6	2.6	4.4 ^b	2013
Yemen	3.0	7.3	0.2	1.0	2014	...	...	...	...	...

^f paramedical personnel including technicians, nurses and nursing assistants

Service delivery

Country	Medicines and medical devices, 2013								Primary health care facilities	Hospital beds	Y	Surgical wound infection		Annual outpatient visits per capita	
	Availability of selected essential medicines in public and private health facilities		Density per million population of selected medical devices in public and private health facilities									Per 10 000 population		%	Y	Ratio	Y
	Public	Private	Computed Tomography	Radiotherapy	Magnetic Resonance Imaging	Mammographs	Digital Subtraction Angiography	Lithotriptors	R	R		%	Y	Ratio	Y
	%														
Afghanistan	...	...	0.2	...	0.1	0.0	...	...	0.4	5.0	2014	...	...	1.9	2014
Bahrain	...	...	...	...	...	...	...	...	0.2	19.5	2014	...	...	5.5	2014
Djibouti	...	...	...	...	...	...	...	...	0.6	14 ^c	2013	...	...	2.6	2013
Egypt	...	...	...	0.8	...	...	...	...	0.6	15.6 ^c	2013	...	...	0.5	2014
Iran, Islamic Republic of	96.7	96.7	...	0.9	...	...	...	...	2.8 ^a	15.0	2015	...	...	...	...
Iraq	...	...	2.2	0.2	1.6	35.4	...	...	0.7 ^b	13.8	2014	...	...	...	...
Jordan	27.8 ^c	80.0 ^c	5.5	0.8	2.1	129.1	...	...	1.6	13.8	2015	...	...	...	...
Kuwait	100.0	100.0	...	1.2	...	...	...	...	0.2	20.4	2014	...	...	0.7	2012
Lebanon	75.4	87.2	25.1	1.9	8.3	370.2	...	...	2.3 ^c	33.7	2015	...	...	6.2	2013
Libya	...	...	9.7	1.0	5.2	...	...	...	2.6	37.0 ^c	2013	...	...	3	2010
Morocco	...	52.2	1.2	0.4	0.4	18.5	...	...	0.8	11.0 ^b	2015	...	...	0.1	2014
Oman	96.7 ^d	70.3 ^d	6.9	0.6	4.4	149.5	...	...	1.2	15.6	2015	...	...	6.3	2015
Pakistan	...	...	0.3	0.1	0.2	1.6	...	...	0.5	6.0 ^c	2013	...	...	4.6	2013
Palestine	...	...	...	...	...	...	...	...	1.6	12.8	2015	...	...	0.8	2015
Qatar	...	...	8.3	0.9	9.2	225.1	...	...	0.1	12.0	2013	...	...	4.3	2013
Saudi Arabia	...	...	3.8	0.1	1.0	40.6	...	...	0.7	22.0	2015	...	...	4.4	2015
Somalia	...	...	...	...	...	...	...	...	1.9	8.7 ^d	2013	...	...	...	...
Sudan	49.3	69.5	1.1	0.2	0.3	12.9	...	...	1.6	6.7	2015	...	...	0.5	2014
Syrian Arab Republic	93.0	98.2	...	0.3	...	...	...	...	0.9	14.7	2014	...	...	...	...
Tunisia	70.0	80 ^c	8.9	1.6	2.0	22.6	...	...	1.9	21.8 ^d	2013	6.6	2012	...	...
United Arab Emirates	61.1 ^d	73.9 ^d	...	0.6	...	...	...	...	0.1	11.0	2014	...	...	1.6	2014
Yemen	...	...	3.6	0.1	1.1	17.6	...	...	1.5 ^c	7.1	2013	...	...	...	...

Coverage of selected interventions

Country	Demand for family planning satisfied with modern methods (UN Population Division estimate, 2015)	Antenatal care coverage (1+ visits)	Antenatal care coverage (4+ visits)	Skilled birth attendance	Y	Children under 5 with diarrhoea treated with oral rehydration therapy, 2014	DTP3-containing vaccine/pentavalent coverage among children under 1 year, 2015	Measles immunization coverage, 2015	Coverage of service for severe mental health disorders	
	%	%	%	%		%	%	%	%	Y
Afghanistan	51.8	60.0	16.4	40.0 ^c	2013	70.0	98	90	...	...
Bahrain	85.3	100.0 ^c	56.5	...	2013	...	98	100	3.1	2014
Djibouti	44.2	73.0	...	40.0	2011	...	84	74	...	...
Egypt	82.9	83.0	83	91.5	2014	30.0	93	92	...	...
Iran, Islamic Republic of	92.1	89.0	88.6	94.0	2010	...	98	99	99.2	2012
Iraq	79.3	52.0 ^b	35.0	88.0 ^d	2014	34.0	68	71	37.0	2013
Jordan	83.8	99.0	...	100.0	2012	28.0	99	94	...	...
Kuwait	77.7	100.0	59.8	100.0	2013	...	99	93	100.0	2014
Lebanon	83.1	...	...	...	...	100.0	91	91	43.0	2010
Libya	70.8	97.7	66.3	99.0	2014	...	...	...	...	...
Morocco	87.5	77.0	42.6	73.6	2011	40.0	99	100	...	...
Oman	56.7	99.3 ^b	76.5	99.7	2014	...	99	100	11.8	2014
Pakistan	65.2	73.0	37.0	58.0	2013	72.0	73	68	...	...
Palestine	78.5	100.0	...	100.0	2014	31.5	100	100	100.0	2015
Qatar	69.3	100.0 ^d	85.0	100.0 ^d	2012	69.0 ^c	99	100	...	...
Saudi Arabia	60.1	98.0	82.3	98.0	2013	...	98	98	...	...
Somalia	44.4	...	...	...	...	...	44	41	...	...
Sudan	35.7	79.0	...	78.0	2014	59.3	93	87	...	...
Syrian Arab Republic	79.1	...	...	...	...	...	57	70	...	...
Tunisia	86.0	85.0	85.1	99.0	2012	76.0	98	98	...	...
United Arab Emirates	70.9	100.0 ^d	100.0 ^d	100.0	2013	...	100	100	...	...
Yemen	58.0	21.0	25.1	45.0	2013	28.0	84	75	...	...

Coverage of selected interventions

Country	Tuberculosis treatment success rate of new bacteriologically confirmed cases, 2013	Suspected malaria cases that have had a diagnostic test	Percentage of population sleeping under insecticide-treated nets	Y	Adults and children currently receiving ARV therapy among all adults and children living with HIV estimates, 2015 ⁵	Key populations at higher risk who have received an HIV test in the past 12 months and know their results [†]			
	%	%	%		%	PWID	SW	MSM	Y
						%			
Afghanistan	88	73	18.2 ^{a,t}	2015	5.3	22.5	5.9 ^b	17.4 ^b	2014
Bahrain	44	100	...	2014	...	...	...	...	...
Djibouti	75	...	...	...	20.7	...	99.4	...	2014
Egypt	86	100	...	2015	19.5	10.5	30.2	42.2	2015
Iran, Islamic Republic of	87	100	56.5 ^b	2015	8.9	27.6	...	...	2014
Iraq	88	100	...	2015	...	...	...	...	...
Jordan	88	100	...	2015	...	...	...	...	...
Kuwait	82	100	...	2015	...	...	...	...	...
Lebanon	71	...	...	...	37.1	100 ^b	64.2 ^c	75.0	2014
Libya	60	...	...	...	...	...	...	45.6	2012
Morocco	89	100	...	2015	37.9	23.2	25.5 ^b	50.2	2015
Oman	96	100	...	2015	...	0.5	...	...	2014
Pakistan	93	60	34.8 ^b	2015	6.6	9.1 ^d	8.0	...	2013
Palestine	91	...	...	...	...	...	...	...	...
Qatar	85	100	...	2015	...	...	...	...	...
Saudi Arabia	56	100	...	2015	...	100.0	...	...	2015
Somalia	86	85	19.8 ^a	2015	7.7	...	20.0	...	2014
Sudan	82	...	14.6 ^t	2012	7.8	...	29.3	16.9	2015
Syrian Arab Republic	80	100	...	2015	...	27.1	...	...	2011
Tunisia	91	100	...	2015	28.2	18.2	23.0	20.0	2014
United Arab Emirates	75	100	...	2015	...	...	...	...	...
Yemen	90	96	7.1 ^{b,t}	2015	15.2	...	...	27.9	2012

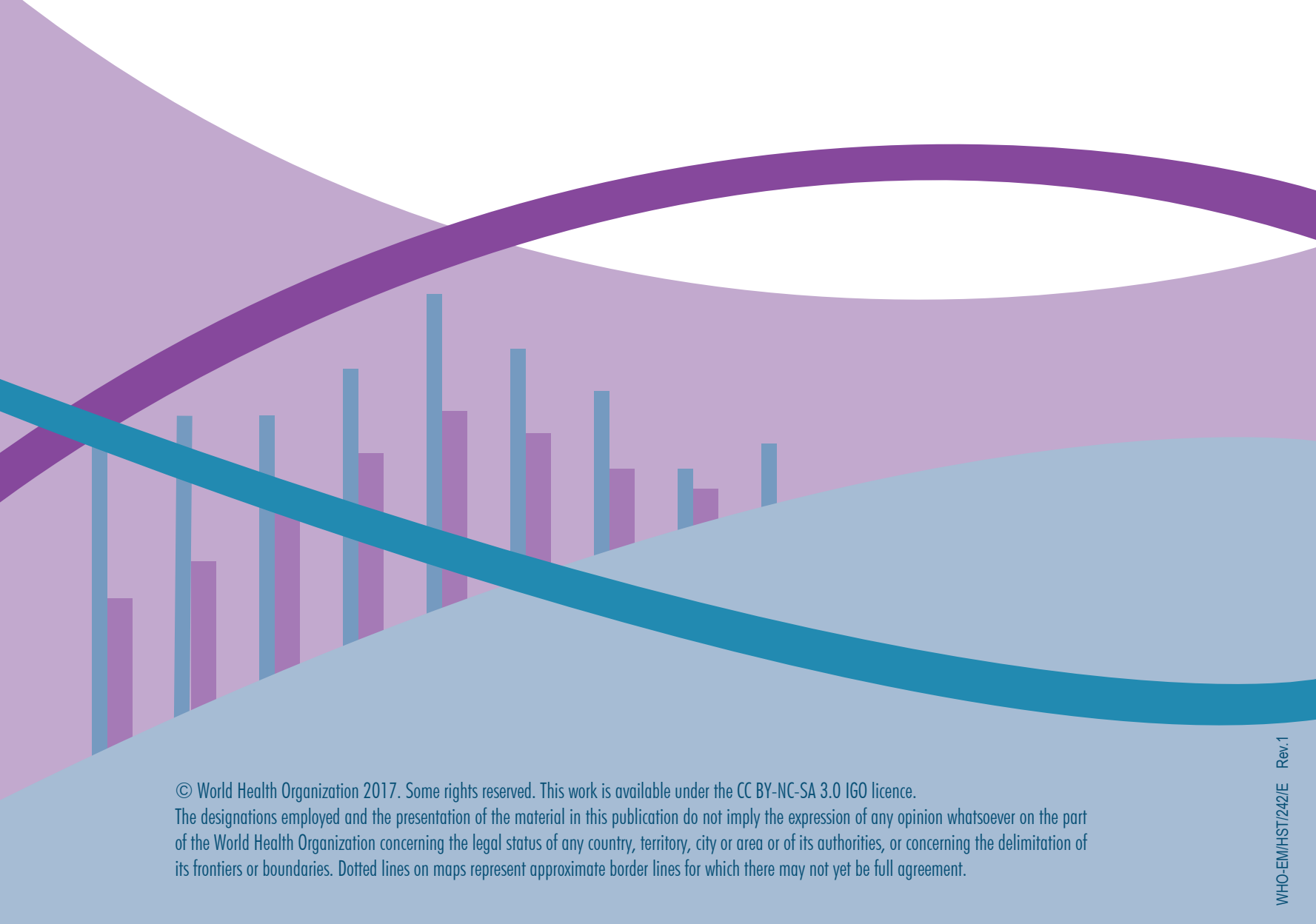
⁵ Global AIDS Response Progress Reporting, 2016

[†] In targeted areas

PWID: People who inject drugs

SW: Sex workers

MSM: Men who have sex with men



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