

# **Eastern Mediterranean Region**

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

### **2015**



**World Health  
Organization**

Regional Office for the Eastern Mediterranean



# Foreword

Reliable and timely health information is essential for policy development, proper health management, evidence-based decision-making, rational resource allocation and monitoring and evaluation of the public health situation. 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, and Member States have started to adopt and report on the core indicators since 2014. In order to facilitate standardized collection and analysis of data and reporting of the core indicators, a concise indicator registry with key attributes is also now available. The registry includes description of the following attributes for each indicator: name, domain, related term, definition, measurement and estimation methods, primary and other data sources, disaggregation and measurement frequency.

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. A standardized health examination survey tool is being developed and comprehensive assessments of national health information systems, to identify gaps and set priorities for improvement, are planned.

This publication uses available data drawn from multiple sources, including figures provided by Member States, World health statistics 2015, 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

Country	Population 2014		Population growth		Life expectancy at birth (years), 2013			Literacy rate (15-24 years)				Net primary school enrolment ratio per 100 school-age children				Population below the international poverty line		Total fertility, 2013	Adolescent fertility (15-19 years), 2012
	Total (000s)	Urban %	%	Y	T	M	F	T %	M %	F %	Y	T Ratio	M Ratio	F Ratio	Y	%	Y	Rate (R)	
																		Per woman R	Per 1000 girls R
Afghanistan	28 500	24	2.0	2013	61.0	61.0	62.0	31	45	17	2012	57	64	48	2012	35.8	2011	4.9	90.0
Bahrain	1 315	100	5.8	2010	77.0	76.0	78.0	94	97	90	2010	112	111	112	2010	...	...	2.1	16.7 <sup>a</sup>
Djibouti	8 60 <sup>a</sup>	84 <sup>e</sup>	1.5	2012	62.0	60.0	63.0	...	...	...	...	59	63	55	2014	...	...	3.4	21.0
Egypt	86 814	43	2.5	2013	71.0	69.0	74.0	70	78	65	2011	95	...	...	2013	25.2	2011	2.8	50.0 <sup>b</sup>
Iran, Islamic Republic of	78 773	73	1.3	2011	74.0	72.0	76.0	96	97	96	2011	99	99	98	2014	...	...	1.9	23.0
Iraq	36 004	70	3.0	2014	70.0	67.0	74.0	...	78	...	2013	92 <sup>a</sup>	94	83	2014	17.0	2014	4.1	72.0 <sup>a</sup>
Jordan	6 675	83	2.2	2014	74.0	72.0	76.0	93	96	90	2013	98	97	99	2013	14.4	2010	3.2	27.0
Kuwait	4 039	100	13.6	2013	78.0	78.0	79.0	95	96	94	2012	100	97	100	2012	...	...	2.6	9.0
Lebanon	4 232	85 <sup>c</sup>	1.6	2014	80.0	78.0	82.0	99	99	99	2009	93	97	90	2013	...	...	1.5	...
Libya	6 136	88	1.8	2012	75.0	73.0	77.0	88	92	83	2014	98	97	97	2009	...	...	2.4	...
Morocco	33 848	60	1.3	2014	71.0	69.0	73.0	88	92	83	2014	99	100	99	2014	...	...	2.7	32.0
Oman	3 993	75 <sup>d</sup>	3.6	2014	76.0	74.0	79.0	88	92	83	2010	96	97	96	2013	...	...	3.9	14.4
Pakistan	184 350 <sup>a</sup>	38 <sup>a</sup>	2.0	2013	66.0	65.0	67.0	58	70	47	2013	64	68	60	2013	...	...	3.2	48.0
Palestine	4 550	74	2.9	2014	73.2 <sup>f</sup>	71.8 <sup>f</sup>	74.7 <sup>f</sup>	99	99	99	2014	95	93	95	2014	25.8	2011	4.1 <sup>f</sup>	48.0 <sup>f</sup>
Qatar	2 216	100	9.3	2013	79.0	79.0	80.0	98	97 <sup>c</sup>	96 <sup>c</sup>	2013	97	93	100	2013	...	...	2.0	20.0
Saudi Arabia	30 770	83	2.6	2014	76.0	74.0	78.0	98	...	...	2013	97	97 <sup>b</sup>	97 <sup>b</sup>	2014	...	...	2.6	...
Somalia	10 195 <sup>a</sup>	37 <sup>e</sup>	2.9	2012	54.0	53.0	56.0	...	...	...	...	...	...	...	...	...	...	6.6	...
Sudan	36 160	33	...	...	63.0	61.0	65.0	87	...	...	2011	62	65	59	2011	46.5	2011	4.4	102.0
Syrian Arab Republic	22 712	54 <sup>b</sup>	2.5	2010	76.0	73.0	78.0	86	91	80	2009	95	94	96	2009	...	...	3.0	54.0 <sup>e</sup>
Tunisia	10 778 <sup>b</sup>	66 <sup>b</sup>	1.3	2012	76.0	74.0	78.0	97	98	96	2011	99	99	99	2012	15.5	2010	2.0	7.0
United Arab Emirates	9 346	84	4.9	2011	77.0	76.0	78.0	94 <sup>e</sup>	92	93	2010	91	92	90	2012	...	...	1.8	34.0
Yemen	25 235 <sup>a</sup>	29 <sup>a</sup>	3.0	2013	64.0	63.0	66.0	...	...	...	...	88	95	81	2013	...	...	4.4	67.0 <sup>a</sup>

# Health determinants and risks

Country	Biological, 2014				Nutritional												
	Low birth weight among newborns	Exclusive breastfeeding 0–5 months of age	Adults (18+ years)		Children under 5 who are				Y	Youth (13-18 years)			Adults (18+ years), 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 <sup>d</sup>	58.4 <sup>a</sup>	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 <sup>a</sup>	8.7	24.4	29.7	17.8	8.1 <sup>b</sup>	...	2013	...	...	...	31.9	9.6	...	...	
Egypt	...	39.7	18.9	23.5	21.4	8.4	14.9	...	2014	32.5	7.0	2011	62.0	28.9	50.0	2012	
Iran, Islamic Republic of	7.0	23.0	12.2	20.4	6.8 <sup>d</sup>	3.0 <sup>d</sup>	11.8	1.9 <sup>d</sup>	2013	...	...	...	62.3	26.1	...	...	
Iraq	14.8	19.6	16.8	21.8	22.6 <sup>b</sup>	7.4	11.8 <sup>b</sup>	6.0 <sup>c</sup>	2014	25.3	7.9	2012	57.9	23.8	20.0	2011	
Jordan	13.0	23.0 <sup>b</sup>	14.9	19.3	7.8 <sup>b</sup>	2.4 <sup>b</sup>	4.4	...	2013	...	...	...	65.9	30.5	30.6	2010	
Kuwait	7.0	11.9	20.1	19.9	4.8	2.7	5.7	2.4	2014	51.4	22.7	2011	75.4	39.7	22.2	2012	
Lebanon	11.5	14.8	12.6	22.1	7.3	6.6	16.7	3.3	2011	24.1	6.7	2011	68.7	31.9	...	...	
Libya	7.1	...	17.0	21.9	21.0	6.5	...	10.5	2014	...	...	...	68.7	33.1	...	...	
Morocco	15.4	27.8 <sup>c</sup>	13.5	25.3	16.5	3.0	10.7	2.4	2011	14.1	2.5	2010	56.5	22.3	...	...	
Oman	12.0 <sup>a</sup>	14.4 <sup>a</sup>	16.4	17.2	9.8	7.1	1.7	0.5	2009	...	...	...	67.4	30.9	26.7	2012	
Pakistan	32.0	38.0	10.8	23.0	45.0	10.5	6.4 <sup>b</sup>	2.8 <sup>b</sup>	2013	6.5	1.0	2009	23.0	5.4	50.4	2011	
Palestine	8.3	38.6	8.5 <sup>c</sup>	35.8 <sup>c</sup>	7.4	1.2	5.3 <sup>a</sup>	...	2014	22.2	6.1	2010	57.8 <sup>d</sup>	26.8 <sup>d</sup>	27.0	2013	
Qatar	...	29.3 <sup>a</sup>	23.0	18.1	11.6	10.1	12.9	14.0	2010	...	...	...	78.1	42.3	24.7	2010	
Saudi Arabia	11.0	31.0	18.3	21.8	10.1	11.8	6.1	11.0	2010	...	...	...	69.6	34.7	40.0	2013	
Somalia	8.3 <sup>c</sup>	5.3 <sup>c</sup>	6.8	26.4	42.1	13.2	4.7	...	2009	...	...	...	20.7	4.6	46.6	2009	
Sudan	30.7	41.0	10.0	24.4	35.0	16.4	2.9	...	2010	11.4	3.6	2012	27.8	7.5	...	...	
Syrian Arab Republic	9.4	42.6 <sup>c</sup>	13.9	21.3	22.3	7.2	17.9	7.2 <sup>a</sup>	2014	21.7	5.8	2010	58.5	23.5	...	...	
Tunisia	6.9	8.5	13.3	24.4	10.1	2.8	14.3	2.3	2012	...	...	...	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 <sup>c</sup>	11.5	15.5	23.3	47.0	16.0	2.0 <sup>a</sup>	0.4	2014	...	...	...	46.8	17.2	2009	2009	

# Health determinants and risks

Country	Behavioural										Environmental, 2012	
	Insufficient physical activity (13-18 years)	Y	Insufficient physical activity (18+ years) <sup>9</sup> , 2010	Tobacco use (13-15 years)				Tobacco use (15+ years) <sup>9</sup> , 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	...	...	...	64	29
Bahrain	...	...	...	...	...	...	...	30.3	42.7	7.1	100	99
Djibouti	...	...	...	17.5	18.6	15.2	2013	...	...	...	92	61
Egypt	83.5	2011	32.3	5.1	7.2	2.8	2011	23.8	47.5	0.4	99	96
Iran, Islamic Republic of	...	...	33.5	5.9	7.5	4.2	2012	11.7	22.4	1.0	96	89
Iraq	80.0	2012	49.3	8.7	12.1	4.6	2012	...	...	...	85	85
Jordan	...	...	15.6	24.0	33.9	13.8	2014	38.4	65.5	10.2	96	98
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	100	...
Libya	...	2009	38.0	8.1	11.0	5.0	2010	...	...	...	98 <sup>d</sup>	97
Morocco	82.6	2010	...	8.8	12.0	4.9	2010	22.0	43.6	1.6	84	75
Oman	77.8	2010	...	3.3	4.9	1.7	2010	13.5	19.5	1.0	93	97
Pakistan	84.5	2009	26.0	10.7	13.3	6.6	2013	22.6	41.0	3.4	91	48
Palestine	78.6	2010	46.5 <sup>c</sup>	21.3	32.5	9.8	2010	20.2 <sup>c</sup>	37.6 <sup>c</sup>	2.6 <sup>c</sup>	92 <sup>d</sup>	99 <sup>d</sup>
Qatar	85.0	2011	41.6	15.7	22.8	8.8	2013	...	...	...	100	100
Saudi Arabia	...	...	61.0	14.9	21.2	9.1	2010	17.1	26.8	3.0	97	100
Somalia	...	...	...	...	...	...	...	...	...	...	31 <sup>c</sup>	23 <sup>c</sup>
Sudan	89.0	2012	...	8.8	10.9	6.6	2012	...	...	...	55	24
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	...	...	...	97	90
United Arab Emirates	72.5	2010	38.4	12.5	16.5	8.4	2013	...	...	...	100	100 <sup>d</sup>
Yemen	...	...	...	18.7	23.9	9.9	2014	...	...	...	55	53

# 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 2013	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	15.5
Bahrain	1	5	6	15	48	506	34	13	6.7	8.03
Djibouti	33	54	65	229	626	631	106	19	...	24.7
Egypt	13	20	24	33	74	782	33	25	7.9	12.8
Iran, Islamic Republic of	10	13	16	25	56	569	75	17	23.3 <sup>b</sup>	32.1
Iraq	18	27	32	50	87	715	128	24	17.9	20.2
Jordan	11	15	18	58	53	640	53	20	11.7	26.3
Kuwait	3	7	9	4	82	406	25	12	12.8 <sup>b</sup>	18.7
Lebanon	5	7	8	15	30	385	41	12	...	22.6
Libya	7	11	13	9	53	550	63	18	60.1	73.4
Morocco	18	24	28	121	...	708	47	23	11.6	20.8
Oman	5	10	12	17	84	478	53	18	23.6	25.4
Pakistan	46	56	81	178	296	669	99	21	...	14.2
Palestine	12	18	21	45	9 <sup>f</sup>	166 <sup>f</sup>	13 <sup>f</sup>	21	4.9 <sup>j</sup>	5.6
Qatar	4	7	8	13	28	407	41	14	13.7	15.2
Saudi Arabia	8	13	15	12	71	549	41	17	25.5	27.4
Somalia	40	85	137	732	927	551	188	19	...	...
Sudan	30	48	70	311	496	551	134	17	6.5	24.3
Syrian Arab Republic	7	11	13	68	41	573	308	19	9.2 <sup>d</sup>	...
Tunisia	8	12	14	62	65	509	39	17	13.8	24.4
United Arab Emirates	4	6	7	6	36	547	32	19	6.5	10.9
Yemen	22	34	42	385	515	627	84	23	...	21.5



# Health status (morbidity, 2014)

Country	Cancer (all types), 2012	Tuberculosis	HIV		Malaria		Measles
	Incidence	Case notification	Estimated number ( <i>N</i> ) of new infections	Number of newly reported cases	Incidence of confirmed cases	Total number of reported cases	Incidence
	Per 100 000 population				Per 1000 population		Per 1 000 000 population
	<i>R</i>	<i>R</i>	<i>N</i>	<i>N</i>	<i>R</i>	<i>N</i>	<i>R</i>
Afghanistan	115.2	102	<1000	165 <sup>a</sup>	3.5	290 079	20.8
Bahrain	112.4	16	...	...	...	100 <sup>m</sup>	0.0
Djibouti	92.7	316 <sup>a</sup>	<100	...	...	...	6.9
Egypt	152	10 <sup>a</sup>	1 100	825 <sup>a</sup>	...	313 <sup>k</sup>	28.3
Iran, Islamic Republic of	127.7	14	7 400	1 491 <sup>a</sup>	...	1 238 <sup>k</sup>	0.8
Iraq	135.3	24	...	...	...	2 <sup>m</sup>	34.9
Jordan	155.4	5	...	...	...	102 <sup>m</sup>	1.6
Kuwait	102.1	20	...	22	...	268 <sup>m</sup>	...
Lebanon	197.4 <sup>a</sup>	14	...	109	...	119 <sup>m</sup>	54.0
Libya	75.1	22	...	...	...	...	30.3
Morocco	117.8	89	2 900	1 312	...	493 <sup>m</sup>	0.3
Oman	82.1	9	...	103 <sup>a</sup>	...	1 001 <sup>k</sup>	4.4
Pakistan	111.8	163	14 000	...	1.5	3 666 257	7.7
Palestine	145.7	1	...	...	...	...	0.0
Qatar	108.8	50	...	...	...	643 <sup>m</sup>	26.5
Saudi Arabia	91.1	12	...	...	...	2 305 <sup>k</sup>	5.4
Somalia	139.1	133	2 700	249	1.0	26 174	113.7
Sudan	91.1	53	4 400	...	...	1 207 771	20.7
Syrian Arab Republic	145.9	12	...	23	...	21 <sup>m</sup>	28.1
Tunisia	110.6	27	<1000	...	...	98 <sup>m</sup>	1.5
United Arab Emirates	92.5	1	...	...	...	4 575 <sup>m</sup>	41.6
Yemen	80.4	43	<1000	...	3.8	97 089	35.5

# Health financing

Country	Per capita total expenditure on health <sup>a</sup>	Out-of-pocket expenditure as % of total health expenditure <sup>b</sup>	General government expenditure on health as % of general government expenditure <sup>c</sup>		Population with catastrophic health expenditure	Population impoverished due to out-of-pocket health expenditure	
	US\$ exchange rate	%	%	Y	%	%	Y
Afghanistan	55	73.8	7.1	2013	...	...	...
Bahrain	1 067	14.6	10.6	2013	...	...	...
Djibouti	137	39.7	14.1	2013	...	...	...
Egypt	151	58.0	5.5	2013	4.4	1.1	2013
Iran, Islamic Republic of	432	52.1	17.5	2013	2.9	0.3	2014
Iraq	305	36.5	6.0	2013	...	...	...
Jordan	336	23.5	13.5	2013	...	...	...
Kuwait	1 507	15.7	5.8	2013	...	...	...
Lebanon	631	34.3	10.7	2013	...	...	...
Libya	433	29.7	4.3	2013	...	...	...
Morocco	189	58.4	6.0	2013	...	...	...
Oman	678	12.3	4.8	2013	...	...	...
Pakistan	37	54.9	4.7	2013	...	...	...
Palestine <sup>d</sup>	304.8	37.7	11.0	2013	...	...	...
Qatar	2 043	8.4	5.8	2013	...	...	...
Saudi Arabia	808	19.8	5.4	2013	...	...	...
Somalia	...	...	...	...	...	...	...
Sudan	115	75.8	11.4	2013	4.1	2.2	2012
Syrian Arab Republic	43	53.9	5.3	2013	...	...	...
Tunisia	309	35.3	13.3	2013	1.8	1.1	2010
United Arab Emirates	1 569	18.8	9.4	2013	...	...	...
Yemen	74	74.1	3.9	2013	...	...	...

# 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	
	<i>R</i>	<i>R</i>	<i>R</i>		<i>Y</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>R</i>	<i>Y</i>
Afghanistan	2.7	3.2	0.1	0.3	2014	...	...	...	...	...
Bahrain	27.6	52.1	4.4	6.0	2013	...	...	...	...	...
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 <sup>a</sup>	3.6	2.3	2014	...	...	...	...	...
Iraq	8.4	17.8	2.2	2.4	2014	4.9	13.9	3.1	3.5	2014
Jordan	29.4	31.7	10.3	18.3	2014	14.4	15.0	1.2	8.6	2014
Kuwait	24.2	58.7	7.4	6.0	2014	2.2	3.0	1.4	0.6	2014
Lebanon	30.7	33.0	12.9	17.5	2014	...	...	...	...	...
Libya	20.0	66.0	7.0	6.0	2013	...	...	...	...	...
Morocco	6.3	8.9	1.4	...	2013	...	...	...	...	...
Oman	21.7	47.1	2.6	4.9	2014	5.3	10.8	1.2	3.0	2012
Pakistan	8.0	6.0	1.0	1.4	2011	...	...	...	...	...
Palestine	21.5	25.3	6.6	12.7	2014	...	...	...	...	...
Qatar	21.3	61.8	6.2	10.1	2013	2.1	1.2	...	2.1	2011
Saudi Arabia	26.5	53.7	4.11	7.2	2014	6.1	1.6	2.3	2.3	2013
Somalia	0.3	0.8	...	...	2009	...	...	...	...	...
Sudan	25.1	9.5 <sup>a</sup>	1.6	4	2014	1.0	...	...	...	2014
Syrian Arab Republic	13.3	19.8	7.6	12.7	2014	2.0	...	1.0	1.0	2010
Tunisia	16.8	32.5 <sup>c</sup>	3.9	2.3	2013	...	...	...	...	...
United Arab Emirates	17.1	33.6 <sup>b</sup>	3.4	4.0	2013	...	...	...	...	...
Yemen	3.0	7.3	0.2	1.0	2014	...	...	...	...	...

# 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 health facilities		Density per million population of selected medical devices in public and private health facilities									Per 10 000 population		%	Y
	Public	Private	Computed Tomography	Radiotherapy	Magnetic Resonance Imaging	Mammographs	Digital Subtraction Angiography	Lithotriptors	R	R					
	%														
Afghanistan	...	...	0.2	...	0.1	0.0	...	...	0.4	5.0	2014	...	...	1.9	2014
Bahrain	...	...	...	...	...	...	...	...	0.2	20.3	2013	...	...	5.5	2013
Djibouti	...	...	...	...	...	...	...	...	0.6	14.0 <sup>b</sup>	2013	...	...	2.6	2013
Egypt	...	...	...	0.8	...	...	...	...	0.6	15.6 <sup>b</sup>	2013	...	...	0.5	2014
Iran, Islamic Republic of	96.7	96.7	...	0.9	...	...	...	...	2.8	15.0	2014	...	...	...	...
Iraq	...	...	2.2	0.2	1.6	35.4	...	...	0.7	13.8	2014	...	...	...	2014
Jordan	27.8 <sup>b</sup>	80.0 <sup>b</sup>	5.5	0.8	2.1	129.1	...	...	2.3	18.9	2014	...	...	...	2014
Kuwait	100.0	100.0	...	1.2	...	...	...	...	0.3	20.4	2014	...	...	0.7	2012
Lebanon	75.4	87.2	25.1	1.9	8.3	370.2	...	...	2.3	28.5	2012	...	...	6.2	2013
Libya	...	...	9.7	1.0	5.2	...	...	...	2.3	37.0	2012	...	...	3.0	2010
Morocco	...	52.2	1.2	0.4	0.4	18.5	...	...	0.9	11.0	2013	...	...	0.8	2013
Oman	96.7 <sup>c</sup>	70.3 <sup>c</sup>	6.9	0.6	4.4	149.5	...	...	0.6	15.8	2014	...	...	6.4	2014
Pakistan	...	...	0.3	0.1	0.2	1.6	...	...	0.5	6.0 <sup>b</sup>	2013	...	...	4.6	2013
Palestine	...	...	...	...	...	...	...	...	1.3 <sup>b</sup>	13.1	2014	...	...	0.7	2014
Qatar	...	...	8.3	0.9	9.2	225.1	...	...	2.3	12.0	2013	...	...	4.3	2013
Saudi Arabia	...	...	3.8	0.1	1.0	40.6	...	...	0.7	26.5	2014	...	...	4.4	2014
Somalia	...	...	...	...	...	...	...	...	1.9	8.7 <sup>c</sup>	2013	...	...	...	...
Sudan	49.3	69.5	1.1	0.2	0.3	12.9	...	...	16.0	80.1	2014	...	...	0.5	2014
Syrian Arab Republic	93.0	98.2	...	0.3	...	...	...	...	0.9	15.0 <sup>b</sup>	2014	...	...	...	...
Tunisia	70.3	80.0 <sup>b</sup>	8.9	1.6	2.0	22.6	...	...	1.9	21.8 <sup>c</sup>	2013	6.6	2012	...	...
United Arab Emirates	61.1 <sup>c</sup>	73.9 <sup>c</sup>	...	0.6	...	...	...	...	11.0	0.12 <sup>b</sup>	2014	...	...	1.6	2013
Yemen	...	...	3.6	0.1	1.1	17.6	...	...	1.5 <sup>b</sup>	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, 2014	Measles immunization coverage, 2014	Coverage of service for severe mental health disorders	
	%	%	%	%		%	%	%	%	Y
Afghanistan	51.8	60.0	16.4	40.0 <sup>c</sup>	2013	70.0	95	88	...	...
Bahrain	85.3	100.0 <sup>b</sup>	56.5	100.0 <sup>b</sup>	2013	...	99	100	17.7	2013
Djibouti	44.2	73.0	...	40.0	2011	...	78	71	...	...
Egypt	82.9	83.0	...	91.5	2014	30.0	93	93	...	...
Iran, Islamic Republic of	92.1	89.0	88.6	94.0	2010	...	99	99	99.2	2012
Iraq	79.3	52.0 <sup>a</sup>	35.0	88.0	2014	34.0	74	71	37.0	2013
Jordan	83.8	99.0	...	100.0	2012	28.0	98	98	...	...
Kuwait	77.7	100.0	59.8	100.0	2013	...	95	94	...	...
Lebanon	83.1	...	...	...	...	...	97	98	43.0	2010
Libya	70.8	...	...	...	...	...	97	98	...	...
Morocco	87.5	77.0	42.6	73.6	2011	40.0	99	99	...	...
Oman	56.7	99.3	71.3	99.7	2014	...	97	100	11.8	2014
Pakistan	65.2	73.0	...	52.0	2012	42.0	70	65	...	...
Palestine	78.5	100.0	...	100.0	2014	...	100	99	100.0	2014
Qatar	69.3	100.0 <sup>c</sup>	85.0	100.0 <sup>c</sup>	2012	...	89	100	...	...
Saudi Arabia	60.1	98.0	82.3	98.0	2013	...	98	98	...	...
Somalia	44.4	...	...	...	...	...	29	29	...	...
Sudan	35.7	74.3	...	72.5	2010	...	94	86	...	...
Syrian Arab Republic	79.1	87.7	...	96.0	2009	...	62	71	...	...
Tunisia	86.0	85.0	85.1	99.0	2012	76.0	98	98	...	...
United Arab Emirates	70.9	100.0 <sup>c</sup>	100.0 <sup>c</sup>	100.0	2013	...	94	94	...	...
Yemen	58.0	60.0	25.1	45.0	2013	28.0	88	75	...	...

# Coverage of selected interventions

Country	Tuberculosis treatment success rate of new bacteriologically confirmed cases, 2014	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, 2014 <sup>f</sup>	Key populations at higher risk who have received an HIV test in the past 12 months and know their results <sup>g</sup>			
	%	%	%		%	PWID	SW	MSM	Y
						%			
Afghanistan	88	77	30.6 <sup>h,s</sup>	2014	3.8	22.5	5.9	17.4	2013
Bahrain	44	100	...	2014	...	...	...	...	...
Djibouti	31	100	13.0	2009	16.4	...	99.0	...	2014
Egypt	88	100	...	2014	19.4	...	1.1	56.8	2013
Iran, Islamic Republic of	87	100	56.5 <sup>o</sup>	2014	19.8	27.6	...	...	2014
Iraq	88	100	...	2014	...	...	...	...	...
Jordan	90	100	...	2014	...	...	...	...	...
Kuwait	84	100	...	2014	...	...	...	...	...
Lebanon	71	...	...	...	44.0	100.0 <sup>o</sup>	64.2 <sup>o</sup>	75.0	2014
Libya	60	...	...	...	62.3	...	...	45.6	2012
Morocco	89	100	...	2014	26.1	12.2	25.5 <sup>o</sup>	31.0 <sup>c</sup>	2014
Oman	97	100	...	2014	57.0	0.5	...	...	2014
Pakistan	91	49	34.8 <sup>o</sup>	2014	5.4	9.0	8.0	...	2013
Palestine	88	...	...	...	...	...	...	...	...
Qatar	74	100	...	2014	...	...	...	...	...
Saudi Arabia	64	100	...	2014	77.3	100.0	...	...	2014
Somalia	88	81	19.8	2014	5.5	...	20.0	...	2014
Sudan	75	...	14.6 <sup>s</sup>	2012	7.4	...	9.0	4.6	2013
Syrian Arab Republic	53	100	...	2014	...	...	...	...	...
Tunisia	89	100	...	2014	24.2	...	23.0	20	2014
United Arab Emirates	76	100	...	2014	...	...	...	...	...
Yemen	88	95	7.1 <sup>o,s</sup>	2014	17.0	...	...	27.9	2013

# Notes

- a 2013
- b 2012
- c 2011
- d 2010
- e 2009
- f 2014 data
- g Age standardized
- h Calendar year 1 March 2013 – 28 February 2014
- j West Bank only
- k Of which locally transmitted cases were 22 (Egypt), 370 (Islamic Republic of Iran), 15 (Oman) and 51 (Saudi Arabia)
- m Imported cases; no local transmission
- p Source: WHO global health expenditure online database (<http://apps.who.int/nha/database>)
- q Country data
- r Global AIDS Response Progress Reporting, 2014
- s In targeted areas

y Reference year for the data provided

... Not available for 2009 – 2013 or not reported

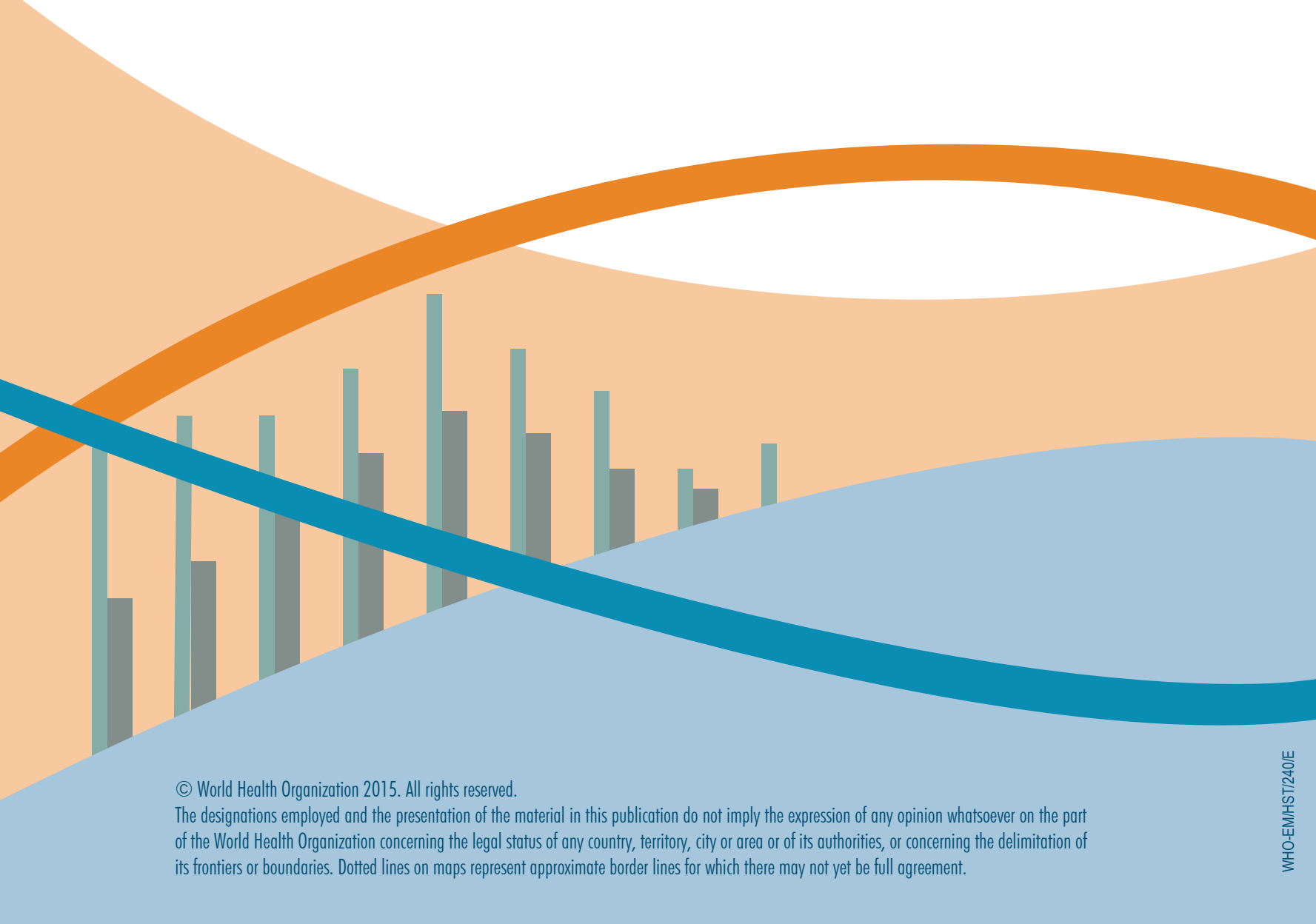
UN-IGME: United Nations Inter-agency Group for Child Mortality Estimation

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

PWID: People who inject drugs

SW: Sex workers

MSM: Men who have sex with men



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