

Appendix 1

Selected demographic and health care indicators for Arab States in (a) Asia and (b) Africa. Data are for year 2010 unless otherwise indicated (United States Census Bureau: www.census.gov/ipc/www/idb/; WHO, 2008). Darker colors indicate unfavorable values.

(a).

Indicators	Bahrain	Iraq	Jordan	Kuwait	Lebanon	Oman	Palestine	Qatar	Saudi Arabia	Syria	UAE	Yemen
Demography												
Area (square kilometers)	741	438,317	89,342	17,818	10,452	309,500	6,220	11,586	2,149,690	185,180	83,600	527,968
Population	738,004	29,671,605	6,407,085	2,789,132	4,125,247	2,967,717	4,119,083	840,926	29,207,277	22,198,110	4,975,593	23,495,361
Urban population (% of total)	89 (2008)	67 (2008)	78 (2008)	98 (2008)	87 (2008)	72 (2008)	72 (2008)	96 (2008)	82 (2008)	54 (2008)	78 (2008)	31 (2008)
Population median age (years)	30.4	20.6	21.8	26.4	29.4	23.9	19.6	30.8	21.6	21.5	30.2	17.9
Birth rate (per 1000 population)	16.8	29.4	27.1	21.6	15	23.9	29.4	15.5	28.2	24	16.0	34.4
Death rate (per 1000 population)	4.4	4.9	2.7	2.3	6.5	3.5	3.5	2.4	2.4	3.7	2.1	7.2
Population growth rate (%)	1.2	2.4	2.2	3.5	0.6	2.0	2.6	0.9	1.8	2.0	3.6	2.7
Fertility rate (total)	2.5	3.8	3.4	2.7	1.8	2.9	3.8	2.4	3.8	3.0	2.4	4.8
Socioeconomy and Health Expenditure												
Adult (15+ years) literacy rate, total (%)	88.8 (2007)	74.1 (2000)	93.1 (2007)	93.9 (2007)	87.4 (2003)	84.4 (2007)	94.0 (2008)	90.2 (2007)	85.0 (2007)	83.1 (2007)	90.4 (2007)	58.9 (2007)
Per capita GDP (US\$)	38,400 (2009)	3,600 (2009)	5,300 (2009)	54,100 (2009)	13,100 (2009)	23,900 (2009)	2,900 (2009)	121,700 (2009)	20,400 (2009)	4,600 (2009)	42,000 (2009)	2,500 (2009)
Expenditure on health as % of GDP (total)	3.9 (2007)	3.0 (2007)	9.6 (2008)	2.2 (2008)	8.8 (2008)	2.4 (2007)	13.5 (2003)	4.0 (2007)	3.6 (2008)	4.0 (2008)	2.5 (2007)	4.5 (2006)
Ministry of health budget (% of government budget)	7.8 (2007)	4.4 (2007)	7.0 (2008)	5.1 (2008)	3.3 (2008)	4.6 (2007)	11.0 (2008)	5.1 (2007)	5.6 (2008)	4.1 (2008)	7.0 (2007)	4.0 (2006)
Human and Physical Resources												
Physicians (per 10000 population)	27.0 (2005)	7.0 (2005)	24.0 (2005)	18.0 (2005)	24.0 (2005)	17.0 (2005)	22.3 (2007)	26.0 (2005)	14.0 (2004)	5.0 (2006)	17.0 (2002)	3.0 (2004)
Dentists (per 10000 population)	4.0 (2005)	1.0 (2005)	8.0 (2005)	3.0 (2005)	9.0 (2004)	2.0 (2005)	5.5 (2007)	9.0 (2005)	2.0 (2004)	1.0 (2006)	3.0 (2002)	< 1.0 (2004)
Pharmacists (per 10000 population)	6.2 (2007)	1.5 (2008)	14.1 (2007)	2.0 (2008)	12.1 (2007)	3.4 (2007)	10.3 (2007)	12.6 (2006)	6.2 (2007)	6.5 (2007)	5.9 (2007)	7.0 (2008)
Hospital beds (per 10000 population)	19.7 (2007)	13 (2007)	19 (2006)	19 (2006)	34 (2007)	20 (2007)	12.8 (2008)	25 (2006)	22 (2007)	15 (2007)	19 (2005)	7 (2007)
Coverage with Primary Health Care Services												
Population with access to local health services (%)	100 (2007)	93 (2008)	99 (2007)	100 (2008)	98 (2000)	98 (2008)	100 (2008)	100 (2008)	-	95 (2006)	100 (2007)	50 (2003)
Antenatal care coverage (%)	100 (2005)	45 (2005)	94 (2007)	100 (2005)	76 (2004)	99 (2005)	100 (2008)	100 (2005)	96 (2004)	71 (2004)	100 (2003)	50 (2003)
Births attended by skilled health personnel (%)	99 (2006)	89 (2006)	99 (2007)	100 (2007)	98 (2004)	98 (2006)	100 (2008)	100 (2007)	96 (2004)	93 (2006)	100 (2005)	36 (2006)
Health Status												
Life expectancy at birth (total years)	75.4	70.2	79.9	77.9	74.8	74.0	74.3	75.5	76.5	74.5	76.3	63.4
Infant mortality rate (per 1000 live births)	14.8	43.2	17	8.8	16.4	16	16.3	12.2	11.2	16.1	12.3	56.8
Maternal mortality ratio (per 10000 live births)	3.2 (2005)	30.0 (2005)	6.2 (2005)	0.4 (2005)	15.0 (2005)	6.4 (2005)	20 (2008)	1.2 (2005)	1.8 (2005)	13.0 (2005)	3.7 (2005)	43.0 (2005)

(b).

Indicators	Algeria	Comoros	Djibouti	Egypt	Eritrea	Libya	Mauritania	Morocco	Somalia	Sudan	Tunisia
Demography											
Area (square kilometers)	2,381,741	2,235	23,200	1,001,450	117,600	1,759,540	1,030,700	446,550	637,657	2,505,813	163,610
Population	34,586,184	773,407	740,528	80,471,369	5,792,984	6,461,464	3,205,060	31,627,428	10,112,453	41,980,182	10,589,025
Urban population (% of total)	65 (2008)	28 (2008)	87 (2008)	43 (2008)	21 (2008)	78 (2008)	41 (2008)	56 (2008)	37 (2008)	43 (2008)	67 (2008)
Population median age (years)	27.1	18.9	21.4	24.0	18.5	24.2	19.3	26.5	17.6	19.3	29.7
Birth rate (per 1000 population)	16.7	34.7	25.6	25	33.5	24.6	33.7	19.4	43.3	33.2	15.1
Death rate (per 1000 population)	4.7	7.4	8.4	4.8	8.2	3.4	9.0	4.7	15.2	12.3	5.2
Population growth rate (%)	1.2	2.7	2.2	2.0	2.5	2.1	2.4	1.1	2.8	2.2	1.0
Fertility rate (total)	1.8	4.8	2.8	3.0	4.6	3.0	4.4	2.2	6.4	4.4	1.7
Socioeconomy and Health Expenditure											
Adult (15+ years) literacy rate, total (%)	75.4 (2007)	75.1 (2007)	67.9 (2003)	72.0 (2007)	58.6 (2003)	86.8 (2007)	55.8 (2007)	55.6 (2007)	37.8 (2001)	61.1 (2003)	77.7 (2007)
Per capita GDP (US\$)	7,000 (2009)	1,000 (2009)	2,800 (2009)	6,000 (2009)	700 (2009)	15,200 (2009)	2,100 (2009)	4,600 (2009)	600 (2009)	2,300 (2009)	8,000 (2009)
Expenditure on health as % of GDP (total)	-	-	5.7 (2003)	6.1 (2007)	-	2.6 (2007)	-	5.4 (2006)	3.1 (2001)	3.3 (2006)	5.1 (2006)
Ministry of health budget (% of government budget)	-	-	7.2 (2003)	2.3 (2007)	-	7.5 (2007)	-	5.0 (2006)	-	3.0 (2006)	7.1 (2006)
Human and Physical Resources											
Physicians (per 10000 population)	11.0 (2002)	2.0 (2004)	2.0 (2005)	24.0 (2005)	1.0 (2004)	13.0 (2004)	1.0 (2004)	5.0 (2004)	<1.0 (1997)	3.0 (2006)	13.0 (2004)
Dentists (per 10000 population)	3.0 (2002)	<1.0 (2004)	1.0 (2005)	3.0 (2005)	<1.0 (2004)	2.0 (2004)	<1.0 (2004)	1.0 (2004)	<1.0 (1997)	<1.0 (2006)	3.0 (2004)
Pharmacists (per 10000 population)	2.0 (2002)	<1.0 (2004)	0.2 (2006)	15.1 (2007)	<1.0 (2004)	3.6 (2008)	<1.0 (2004)	2.2 (2007)	0.1 (2003)	0.1 (2007)	2.0 (2007)
Hospital beds (per 10000 population)	17 (2004)	22 (2006)	16 (2000)	21 (2006)	12 (2006)	37 (2006)	4 (2006)	9 (2006)	-	7 (2006)	18 (2007)
Coverage with Primary Health Care Services											
Population with access to local health services (%)	-	-	80 (2002)	100 (2008)	-	100 (2007)	-	70 (2004)	28 (2004)	66 (2000)	95 (2006)
Antenatal care coverage (%)	41 (2002)	52 (1996)	67 (2003)	65 (2008)	41 (2002)	96 (2003)	16 (2001)	31 (2004)	47 (2002)	72 (2000)	68 (2006)
Births attended by skilled health personnel (%)	95 (2006)	62 (2000)	93 (2006)	79 (2008)	28 (2002)	100 (2007)	61 (2007)	63 (2004)	33 (2006)	49 (2006)	90 (2000)
Health Status											
Life expectancy at birth (total years)	74.3	63.8	60.7	72.4	62.2	77.5	60.8	75.7	50.0	52.5	76.0
Infant mortality rate (per 1000 live births)	268	64.6	56.6	26.2	42.3	20.9	61.9	28.6	107.4	78.1	21.8
Maternal mortality ratio (per 10000 live births)	18.0 (2005)	40.0 (2005)	65.0 (2005)	13.0 (2005)	45.0 (2005)	9.7 (2005)	82.0 (2005)	24.0 (2005)	140.0 (2005)	45.0 (2005)	10.0 (2005)