

Contents

Demographic and Socioeconomic Indicators 2004 - 2008	Table 1.1, page 3
Health Resources 2004 - 2008	Table 1.2, page 4
Health Resources by Health Sector (Government-Private) 2004 - 2008	Table 1.3, page 5
Health Care Resources 2008	Table 1.4, page 7
Health Care Resources 2008	Figure 1.1, page 8
Selected Health Care Resources at Ministry of Health 2008	Table 1.5, page 9
Out-Patient Visits by Health Institutions 2008	Figure 1.2, page 11
Discharges (Alive and Dead) by Principal Diagnosis, Nationality and Sex 2008	Table 1.6, page 12
Vital Statistics Reported Data 2004 - 2008	Table 1.7, page 13
Registered Vital Statistics and Demographic Indicators 2004 - 2008	Table 1.8, page 14
The Top Ten Leading Causes of Death by Principal Diagnosis and Sex 2008	Figure 1.3, page 16
Infant Top Ten Leading Causes of Death by Principal Diagnosis, Nationality and Sex 2008	Figure 1.4, page 17
Coverage with Primary Health Care 2004 - 2008	Table 1.9, page 18
Selected Morbidity Indicators (Reported Communicable Diseases) 2004 - 2008	Table 1.10, page 19
Health For All Indicators 2004 - 2008	Table 1.11, page 20
Millennium Development Goals Related to Health 2004 - 2008	Table 1.12, page 23
Millennium Development Goals Related to Health by Sex 2008	Table 1.12, page 26

المحتويات

Demographic and Socioeconomic Indicators 2004 - 2008	Table 1.1, page 3	2008 - 2004
Health Resources 2004 - 2008	Table 1.2, page 4	2008 - 2004
Health Resources by Health Sector (Government-Private) 2004 - 2008	Table 1.3, page 5	2008 - 2004 (-)
Health Care Resources 2008	Table 1.4, page 7	2008
Health Care Resources 2008	Figure 1.1, page 8	2008
Selected Health Care Resources at Ministry of Health 2008	Table 1.5, page 9	2008
Out-Patient Visits by Health Institutions 2008	Figure 1.2, page 11	2008
Discharges (Alive and Dead) by Principal Diagnosis, Nationality and Sex 2008	Table 1.6, page 12	2008 ()
Vital Statistics Reported Data 2004 - 2008	Table 1.7, page 13	2008 - 2004
Registered Vital Statistics and Demographic Indicators 2004 - 2008	Table 1.8, page 14	2008 - 2004
The Top Ten Leading Causes of Death by Principal Diagnosis and Sex 2008	Figure 1.3, page 16	2008
Infant Top Ten Leading Causes of Death by Principal Diagnosis, Nationality and Sex 2008	Figure 1.4, page 17	2008
Coverage with Primary Health Care 2004 - 2008	Table 1.9, page 18	2008 - 2004
Selected Morbidity Indicators (Reported Communicable Diseases) 2004 - 2008	Table 1.10, page 19	2008 - 2004 ()
Health For All Indicators 2004 - 2008	Table 1.11, page 20	2008 - 2004
Millennium Development Goals Related to Health 2004 - 2008	Table 1.12, page 23	2008 - 2004
Millennium Development Goals Related to Health by Sex 2008	Table 1.12, page 26	2008

Conventions

Note:

Estimated population calculation was based on Central Population Registry (CPR) at Central Informatics Organisation since 2007.

Table 1.3

- Ministry of Health expenditure includes projects
- Pharmacists & Technicians even though it was counted within allied health, but it is also shown separately for any special request.

Table 1.4

Military Hospital: including Shaikh Mohammed Bin Salman Al-Khalifa Cardiac Center data.

Private Clinics: the number including only medical and allied health manpower who work full time in private clinics.

Physicians: Arabian Gulf University physicians were included in the total of the government sector because these physicians are working part time at government hospitals and health centers.

Table 1.5

Beds excluding baby cots at Special Care Baby Unit.

In-patients: the total include patients at Special Care Baby Unit.

Out-patients visits at health center shown in this table represent the total visits of General, Dental, Mother , Child and Diabetic clinics and Triage Clinics.

Medical and Allied health manpower: number of physicians ... etc. who are officially at internal or overseas training programs for further studies shown under Directorate of Training.

Distribution of the manpower was based on cost centers, while in human resources chapter, table 5.5 was based on organization structure of the Ministry of Health.

Allied Health: effective from 2006 edition allied health data presented as follows:-

- Full data of allied health: (include Pharmacists & technicians, Dental hygienists technicians, Laboratory technologist & technicians, Radiographers & technicians, Physiotherapists, Occupational therapists ... etc.).
- Other Manpower: covering all non-medical categories such as administration ...etc.)

Cost: the total cost includes direct (recurrent) costs and share of indirect costs (such as training, maintenance and management overheads). For more details of direct costs only, refer to table 4.2.

Salmaniya Medical Complex :

a) the cost includes cost of SMC Maternity Unit.

b) number of physicians include physicians at Geriatric & Maternity Hospitals.

الإصطلاحات

. 2007

:

1.3

•

•

1.4

:

:

:

1.5

:

:

5.5

-

:-

2006

:

)

•

. (....

. (....)

:

•

)

()

:

. 4.2

(

:

(

(

Table 1.1
2008 - 2004
Demographic and Socioeconomic Indicators 2004 - 2008

<i>Indicator</i>	2008	2007	2006	2005	2004	
Demographic						
Area (sq.km)	757.5	749.6	741.4	735.8	728.3	()
Population	1,106,509	1,039,297	742,562	724,645	707,160	
Crude birth rate per 1000 population (reported)	15.3	15.4	20.2	20.9	21.1	() 1000
Crude death rate per 1000 population (reported)	2.2	2.2	3.1	3.1	3.1	() 1000
Population growth rate %	...	7.5	...	...	2.7 ⁽¹⁾	
% population <15	20.2	21.1	27.3	27.3	27.6	% السكان أقل من 15
% population 15-64	77.4	76.3	70.2	70.2	69.9	% السكان 15-64
% population 65+	2.4	2.5	2.5	2.5	2.5	% السكان + 65
Total dependency ratio	29.1	31.0	42.5	42.5	43.0	
Total fertility rate per women (Female 15-49)	1.9	2.0	2.5	2.6	2.6	(49-15)
Socioeconomic						
Unemployment rate ¹	5.5	5.5	5.5	5.5	5.5	1
Smokers 15+ years (Bahraini %) ¹						1 () 15
Male	17.70	17.70	17.70	17.70	17.70	
Female	3.50	3.50	3.50	3.50	3.50	
Total	10.60	10.60	10.60	10.60	10.60	
Adult literacy rate 15+ years (Bahraini %) ¹						1 () 15
Male	92.5	92.5	92.5	92.5	92.5	
Female	83.0	83.0	83.0	83.0	83.0	
Total	87.7	87.7	87.7	87.7	87.7	
Gross School enrollment ratio 1st level % - Bahraini only - (Primary and Intermediate Level)						(-) (" ") -
Male	...	...	...	...	102.1	
Female	...	...	...	...	102.4	
Total	...	...	...	...	102.3	
Gross School enrollment ratio 2nd level % - Bahraini only - (Secondary Level)						(-) () -
Male	...	...	...	...	92.1	
Female	...	...	...	...	102.6	
Total	...	...	...	...	97.2	

¹ Source: census data 2001.

Table 1.2
2008 - 2004
Health Resources 2004 - 2008

<i>Indicator</i>	<i>2008</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	
Budgetary Resources (at Current Prices) (B.D.)						() ()
Ministry of Health Expenditure (including projects) (million B.D.)	173.6	144.5	118.0	103.1	88.4	- ()
Total Public Expenditure (million B.D.)	1,871.9	1,854.6	1,577.6	1,289.2	1,104.6	-
% Allocated to the Ministry of Health from Government Total Budget (including projects)	9.3	7.8	7.5	8.0	8.0	()
Gross Domestic Product (GDP) per capita *	7,442.6	6,683.0	6,205.9	5,693.6	5,128.4	*
Gross National Income / Product (GNP) per capita *	7,128.7	6,575.0	6,054.8	5,518.8	4,865.9	*
Gross National Desposable Income (GNDI) per capita *	6,525.7	6,038.6	5,455.5	5,001.2	4,354.7	*
Ministry of Health Expenditure as % of GDP *	...	2.1	2.0	2.0	2.1	*
Ministry of Health Annual Budget per capita (including projects)	156.9	139.1	158.9	142.3	125.0	()
Human Resources						
Doctor per 10,000 population	21.1	21.4	27.6	27.2	22.4	10,000
Dentist per 10,000 population	3.2	3.2	4.1	4.1	3.7	10,000
Nurse and midwives per 10,000 population	42.0	41.9	55.0	52.9	49.5	10,000
Pharmacists and Technicians per 10,000 population	6.0	6.2	8.3	7.5	7.2	10,000
Beds per 10,000 population	19.0	19.7	27.4	28.1	27.0	10,000
Primary Health Care Units and Centers per 10,000 population	0.2	0.2	0.3	0.3	0.3	10,000
Nurse per doctor	2.0	2.0	2.0	1.9	2.2	

* Source : 1) Ministry of Finance .

2) Ministry of Health - Directorate of Finance.

(1 : *

(2

Table 1.3
2008 - 2004 (-)
Health Resources by Health Sector (Government-Private) 2004 - 2008

<i>Description</i>	<i>2008</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>
Physicians					
Government	1,409	1,310	1,215	1,167	1,086
Private	923	917	833	806	496
Total	2,332	2,227	2,048	1,973	1,582
Dentists					
Government	140	133	118	111	103
Private	214	201	187	184	157
Total	354	334	305	295	260
Nurses					
Government	3,510	3,329	3,144	2,910	2,798
Private	1,142	1,025	943	925	704
Total	4,652	4,354	4,087	3,835	3,502
Allied Health					
Government	1,350	1,236	1,122	1,108	1,069
Private	889	493	456	435	402
Total	2,239	1,729	1,578	1,543	1,471
Pharmacists & Technicians					
Government	237	223	218	211	188
Private	426	421	399	329	324
Total	663	644	617	540	509
In-Patients					
Government	77,182	80,219	81,360	84,167	78,356
Private	20,988	18,026	15,580	14,094	10,863
Total	98,170	98,245	96,940	98,261	89,219

(Cont'd) Table 1.3 (تابع) جدول 1.3
 2008 - 2004 (-)
 Health Resources by Health Sector (Government-Private) 2004 - 2008

Description	2008	2007	2006	2005	2004	
Out-Patients						
Government	4,390,811	4,349,224	4,166,881	3,936,021	3,843,790	
Private	832,864	686,734	594,071	510,129	483,786	
Total	5,223,675	5,035,958	4,760,952	4,446,150	4,327,576	
Hospitals						
Government	10	9	9	9	9	
Private	13	12	11	9	6	
Total	23	21	20	18	15	
Beds						
Government	1,726	1,714	1,714	1,741	1,694	
Private	378	329	323	292	215	
Total	2,104	2,043	2,037	2,033	1,909	
Primary Health Care Units and Centers						
Government *	23	23	23	23	23 *	
Private	...	...	...	...	...
Total	23	23	23	23	23	
Estimated Cost (million Bahraini Dinars)						()
Government	199.5	172.9	141.2	126.6	108.9	
Ministry of Health	173.6	144.5	118.0	103.1	88.4	
Military Hospital and Shaikh Mohammed Bin Salman Al-Khalifa	25.9	28.4	23.2	23.5	20.5	
Private	...	64.3	55.5	45.4	34.4	

* Including Directorate of Health & Social Affairs at Ministry of Interior.

Note : Ministry of Health expenditure include projects, further details in Table 1.5.

.1.5

Table 1.4
2008
Health Care Resources 2008

Institution	Out-Patients	* In-Patients *	* Beds *	* Other Manpower *	Medical & Para-Medical Manpower			
					* Allied Health *	Nurses	Dentists	Physicians
Government								
Ministry of Health	3,859,451	56,004	1,387	4,210	1,023	2,655	119	1,103
Military Hospital *	476,816	21,178	339	964	294	811	16	251
Directorate of Health & Social Affairs	54,544	NA	NA	110	33	44	5	15
Total	4,390,811	77,182	1,726	5,284	1,350	3,510	140	1,409
Private Hospitals								
International Hospital of Bahrain	85,743	4,331	61	252	36	79	5	43
American Mission Hospital	209,675	2,620	40	203	43	115	15	62
Awali Hospital	33,911	863	28	18	16	62	2	18
Gulf Dental Speciality Hospital	14,856	36	10	17	4	18	9	NA
Ibn Al-Nafees Hospital	116,209	4,813	26	67	17	43	NA	20
Bahrain Specialist Hospital	102,640	4,627	64	132	46	45	3	42
Noor Specialist Hospital	...	1,603	24	5	1	24	NA	22
Dr. Tariq Hospital	11,200	211	22	14	NA	29	NA	9
Al-Hilal Hospital	73,571	934	45	48	10	31	2	24
Al-Baraka Fertility Hospital	8,640	120	8	12	2	4	NA	3
Al-Amal Hospital	50,947	299	20	42	17	25	2	21
Al-Kindi Specialised Hospital	9,106	42	18	31	8	51	10	11
International Medical City Hospital	18,250	489	12	24	6	15	NA	9
Private Clinics *	...	NA	NA	...	659	552	165	621
Gulf Diabetes Specialist Center (Joslin)	4,192	NA	NA	19	8	8	NA	4
Private Company Clinics								
Aluminium Bahrain (ALBA)	38,328	NA	NA	3	10	12	NA	4
Arabian Shipping & Repairing Yard (ASRY)	11,873	NA	NA	3	1	14	NA	3
Gulf Air	34,660	NA	NA	5	5	4	1	5
Gulf Aluminium Rolling Mill Co. (GARMCO)	5,752	NA	NA	1	-	7	NA	1
Gulf Petrochemical Industries Co. (GPIC)	3,311	NA	NA	1	-	4	NA	1
Total	832,864	20,988	378	897	889	1,142	214	923
Grand Total	5,223,675	98,170	2,104	6,181	2,239	4,652	354	2,332

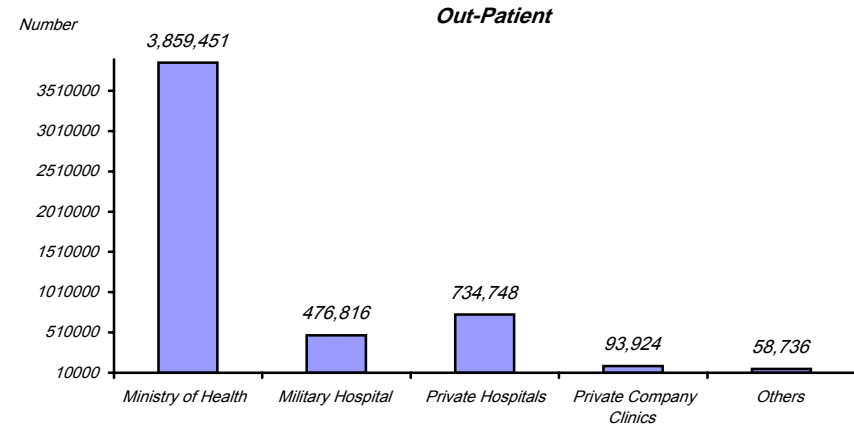
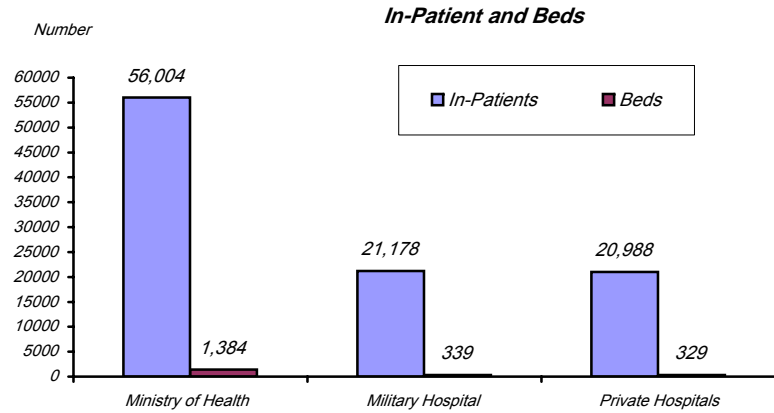
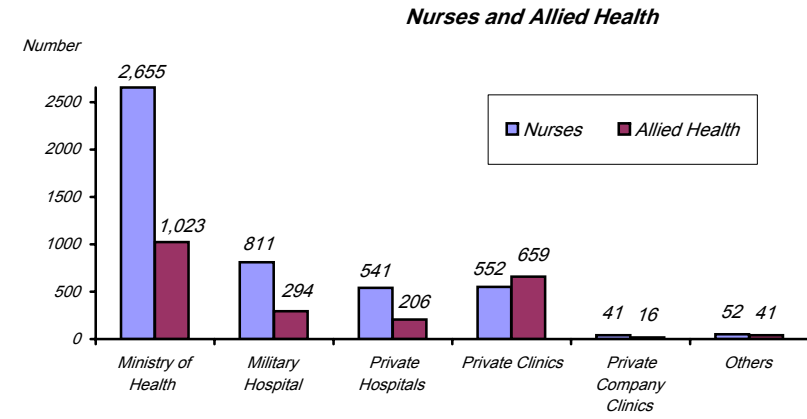
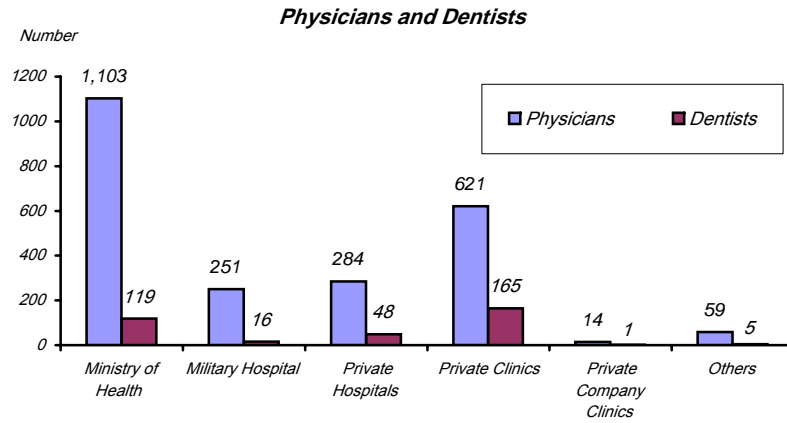
* Refer to conventions used in the report.

Note : a) Total physicians in Government sector include 40 physicians working full time at Arabian Gulf University.

Note : b) Physicians working on part time basis at Royal College of Surgeons in Ireland

(Medical University of Bahrain) are not counted in the total.

Figure 1.1
2008
Health Care Resources 2008



Reference: Table 1.4

1.4 :

Table 1.5
2008
Selected Health Care Resources at Ministry of Health 2008

<i>Institution</i>	<i>Out-Patients</i>	<i>* In-Patients *</i>	<i>* Beds *</i>	<i>Medical & Para-Medical Manpower</i>				<i>* (.) Cost * (B.D.)</i>
				<i>Allied Health</i>	<i>Nurses</i>	<i>Dentists</i>	<i>Physicians</i>	
Primary & Preventive Health Care	3,268,017	NA	NA	458	451	75	314	42,382,765
Public Health Directorate	NA	NA	NA	32	3	-	8	5,839,065
Health Centers Administration	NA	NA	NA	3	7	1	12	1,569,573
Health Education	NA	NA	NA	2	-	-	4	401,275
Health Centers	3,268,017	NA	NA	419	356	74	289	34,572,852
Health Region I								
Muharraq	330,756	NA	NA	27	30	4	27	2,531,438
Sh.Salman	121,079	NA	NA	11	18	3	9	1,401,214
National Bank of Bahrain - Arad	128,838	NA	NA	26	19	3	11	1,788,827
National Bank of Bahrain - Dair	89,882	NA	NA	14	13	3	9	1,093,912
Bahrain Int'l. Airport Clinic	14,473	NA	NA	-	4	-	-	187,916
Total Region I	685,028	NA	NA	78	84	13	56	7,003,307
Health Region II								
Naim	252,823	NA	NA	60	24	12	18	3,330,137
Ibn Sinna	53,284	NA	NA	16	10	1	5	1,042,098
Sh.Sabah Al Salem	76,354	NA	NA	10	15	1	7	1,121,967
Hooraa	46,518	NA	NA	8	14	1	5	913,051
Al Razi (Workers H.C.)	174,633	NA	NA	19	7	1	16	1,514,031 ()
Total Region II	603,612	NA	NA	113	70	16	51	7,921,284
Health Region III								
Isa Town	343,233	NA	NA	34	27	5	28	3,102,218
Jidhafs	185,722	NA	NA	18	15	5	12	1,811,172
Budaiya	160,526	NA	NA	17	18	1	15	1,644,542
Bilad Al Kadeem	82,821	NA	NA	10	11	3	8	1,086,542
A' Ali	113,273	NA	NA	15	13	4	11	1,513,705
Total Region III	885,575	NA	NA	94	84	18	74	9,158,179

(تابع) جدول 1.5 (Cont'd) Table 1.5

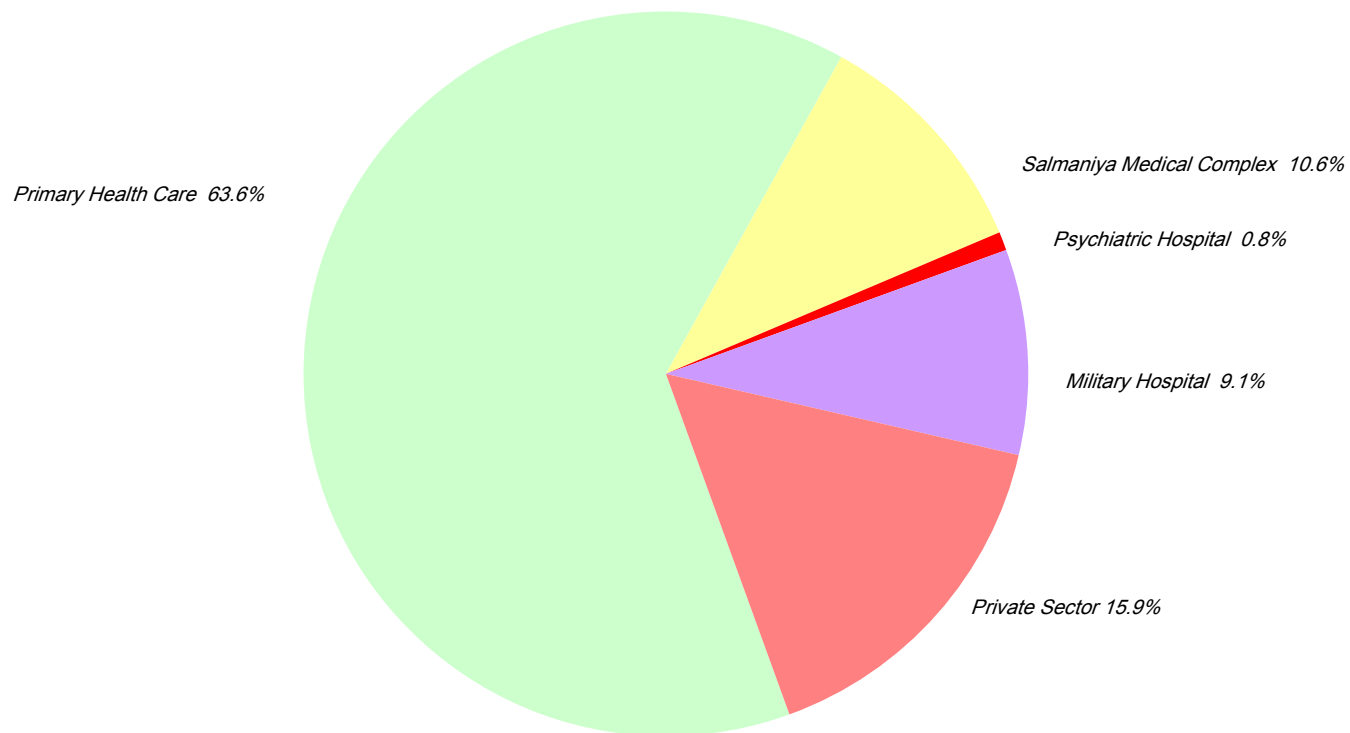
2008

Selected Health Care Resources at Ministry of Health 2008

Institution	Out-Patients	* In-Patients *	* Beds *	Medical & Para-Medical Manpower				* (.) Cost * (B.D.)	
				Allied Health	Nurses	Dentists	Physicians		
Health Region IV									
Hamad Town	135,995	NA	NA	15	13	1	25	1,360,505	
Sitra	260,867	NA	NA	25	26	6	19	2,002,014	
Hamad Kanoo	218,167	NA	NA	28	26	7	22	2,007,509	
East Riffa	110,348	NA	NA	14	17	2	8	1,355,024	
Kuwait	97,315	NA	NA	15	12	3	8	1,135,899	
Mohammed Bin Jassim Kanoo	246,856	NA	NA	34	19	8	17	2,247,781	
Zallaq	18,508	NA	NA	1	2	-	6	269,554	
Jaw & Asker Clinic	5,746	NA	NA	2	3	-	3	111,796	
Total Region IV	1,093,802	NA	NA	134	118	27	108	10,490,082	
School Health Program	NA	NA	NA	2	85	NA	1	787,452	
Secondary Health Care (Hospitals)	591,434	56,004	1,387	529	2,200	9	715	96,081,208	() *
Salmaniya Medical Complex *	551,755	46,523	903	493	1,741	9	665	82,199,217	
Psychiatric Hospital	39,679	1,116	226	17	217	-	49	7,551,654	
Geriatric Hospital & Long Stay Wards*	NA	190	129	-	89	-	-	1,229,245	*
Ebrahim K. Kanoo Community Medical Center	NA	86	25	6	11	NA	1	498,038	
Maternity Hospitals	NA	8,089	104	13	142	NA	-	4,603,054	
Jidhafs Hospital	NA	6,128	68	8	87	NA	-	2,188,281	
Muharraq Hospital	NA	1,920	30	5	39	NA	-	1,918,672	
Sitra Hospital	NA	26	2	-	6	NA	-	202,590	
West Region Hospital	NA	9	2	-	5	NA	-	161,372	
Riffa Hospital	NA	6	2	-	5	NA	-	132,139	
	NA	NA	NA	-	-	-	3	...	
Training Directorate	NA	NA	NA	-	-	35	57	...	
Overseas Treatment	NA	NA	NA	-	-	-	-	6,040,840	
Medical Review	NA	NA	NA	-	1	-	3	181,575	
College of Health Sciences	NA	NA	NA	6	1	-	1	2,248,358	
Licensing and Registration	NA	NA	NA	-	2	-	8	569,561	
Directorate of Pharmacy	NA	NA	NA	14	-	-	-	403,893	
Others	NA	NA	NA	16	-	-	2	NA	
Total	3,859,451	56,004	1,387	1,023	2,655	119	1,103		

* Refer to conventions used in the report.

Figure 1.2
2008
Out-Patient Visits by Health Institutions 2008



Note :

- 1) Directorate of Health and Social Affairs out-patients figures are included in the Primary Health Care.
- 2) Private Sector exclude private clinics data.

Reference: Table 1.4, 1.5

1.5 1.4 :

(1

(2

2008 ()
Discharges (Alive and Dead) by Principal Diagnosis, Nationality and Sex 2008

Grand Total	Total				Non-Bahraini				Bahraini				Hospitals	Principal Diagnosis	ICD-10 Code
	Female		Male		Female		Male		Female		Male				
	Dead	Alive	Dead	Alive	Dead	Alive	Dead	Alive	Dead	Alive	Dead	Alive			
22,923	3	22,920	-	-	1	5,336	-	-	2	17,584	-	-	Government	Pregnancy, childbirth and the puerperium	O00-O99
1,405	-	1,405	-	-	-	396	-	-	-	1,009	-	-	Private		
24,328	3	24,325	-	-	1	5,732	-	-	2	18,593	-	-	Total		
5,655	49	2,359	59	3,188	8	317	5	642	41	2,042	54	2,546	Government	Diseases of the respiratory system	J00-J99
1,000	1	457	-	542	-	126	-	150	1	331	-	392	Private		
6,655	50	2,816	59	3,730	8	443	5	792	42	2,373	54	2,938	Total		
4,865	15	1,959	18	2,873	2	340	3	948	13	1,619	15	1,925	Government	Diseases of the digestive system	K00-K99
856	2	418	1	435	2	136	-	175	-	282	1	260	Private		
5,721	17	2,377	19	3,308	4	476	3	1,123	13	1,901	16	2,185	Total		
5,084	34	2,203	27	2,820	5	419	7	774	29	1,784	20	2,046	Government	Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	R00-R99
361	-	164	-	197	-	55	-	55	-	109	-	142	Private		
5,445	34	2,367	27	3,017	5	474	7	829	29	1,893	20	2,188	Total		
5,231	4	2,055	10	3,162	-	125	3	81	4	1,930	7	3,081	Government	Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89
79	-	46	-	33	-	3	-	9	-	43	-	24	Private		
5,310	4	2,101	10	3,195	-	128	3	90	4	1,973	7	3,105	Total		
4,925	139	1,696	202	2,888	10	228	50	963	129	1,468	152	1,925	Government	Diseases of the circulatory system	I00-I99
320	4	130	2	184	-	46	-	70	4	84	2	114	Private		
5,245	143	1,826	204	3,072	10	274	50	1,033	133	1,552	154	2,039	Total		
4,483	10	1,283	23	3,167	2	305	9	1,298	8	978	14	1,869	Government	Injury, poisoning and certain other consequences of external causes	S00-T98
419	-	119	-	300	-	58	-	181	-	61	-	119	Private		
4,902	10	1,402	23	3,467	2	363	9	1,479	8	1,039	14	1,988	Total		
3,686	12	2,080	11	1,583	1	400	1	480	11	1,680	10	1,103	Government	Diseases of the genitourinary system	N00-N99
614	1	366	-	247	-	127	-	91	1	239	-	156	Private		
4,300	13	2,446	11	1,830	1	527	1	571	12	1,919	10	1,259	Total		
1,769	2	1,071	2	694	1	285	-	124	1	786	2	570	Government	Factors influencing health status and contact with health services	Z00-Z99
1,775	-	976	1	798	-	398	1	313	-	578	-	485	Private		
3,544	2	2,047	3	1,492	1	683	1	437	1	1,364	2	1,055	Total		
2,705	220	996	240	1,249	15	222	24	435	205	774	216	814	Government	Certain infectious & parasitic diseases	A00-B99
581	-	264	2	315	-	68	1	95	-	196	1	220	Private		
3,286	220	1,260	242	1,564	15	290	25	530	205	970	217	1,034	Total		
61,326	488	38,622	592	21,624	45	7,977	102	5,745	443	30,645	490	15,879	Government	Total	
7,410	8	4,345	6	3,051	2	1,413	2	1,139	6	2,932	4	1,912	Private		
68,736	496	42,967	598	24,675	47	9,390	104	6,884	449	33,577	494	17,791	Total		
14,710	144	6,306	158	8,102	20	1,055	28	1,766	124	5,251	130	6,336	Government	Others	
1,531	-	662	2	867	-	227	-	331	-	435	2	536	Private		
16,241	144	6,968	160	8,969	20	1,282	28	2,097	124	5,686	132	6,872	Total		
76,036	632	44,928	750	29,726	65	9,032	130	7,511	567	35,896	620	22,215	Government	Grand Total	
8,941	8	5,007	8	3,918	2	1,640	2	1,470	6	3,367	6	2,448	Private		
84,977	640	49,935	758	33,644	67	10,672	132	8,981	573	39,263	626	24,663	Total		

Note: data showed discharges from all government hospitals and only two private Hospitals.

Table 1.7
2008 - 2004
Vital Statistics Reported Data 2004 - 2008

<i>Indicator</i>	<i>2008</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	
Crude birth rate/1000 population	15.3	15.4	20.2	20.9	21.1	1000
Still birth rate/1000 births	6.6	6.8	6.2	7.4	8.2	1000
Premature birth rate/1000 live births	114.8	110.0	102.6	98.5	108.4	1000
Sex ratio at birth : Male / (per 100 Female)	104	104	103	104	101	(100) / :
Mean of life expectancy at birth	74.8	74.8	74.8	74.8	73.8	
Perinatal mortality rate/1000 births	8.8	10.1	8.5	10.2	11.8	1000
Neonatal mortality rate/1000 live births	3.1	4.9	3.7	5.0	5.7	1000
Postneonatal mortality rate/1000 live births	4.4	3.4	3.9	3.8	3.4	1000
Infant mortality rate/1000 live births	7.5	8.3	7.6	8.9	9.1	1000
Under 5 yrs mortality/1000 live births	9.4	10.3	10.1	10.9	10.8	1000 5
Under 5 yrs mortality/1000 child<5yrs old	2.0	2.2	2.4	2.7	2.6	5 5
Maternal mortality rate/100,000 live births	17.7	18.8	13.3	6.6	20.1	100,000
Crude death rate/1000 population	2.2	2.2	3.1	3.1	3.1	1000

Note: a) All data excluding abroad births.

b) Deaths include some visitors .

(:
(

Table 1.8
2008 - 2004
Registered Vital Statistics and Demographic Indicators 2004 - 2008

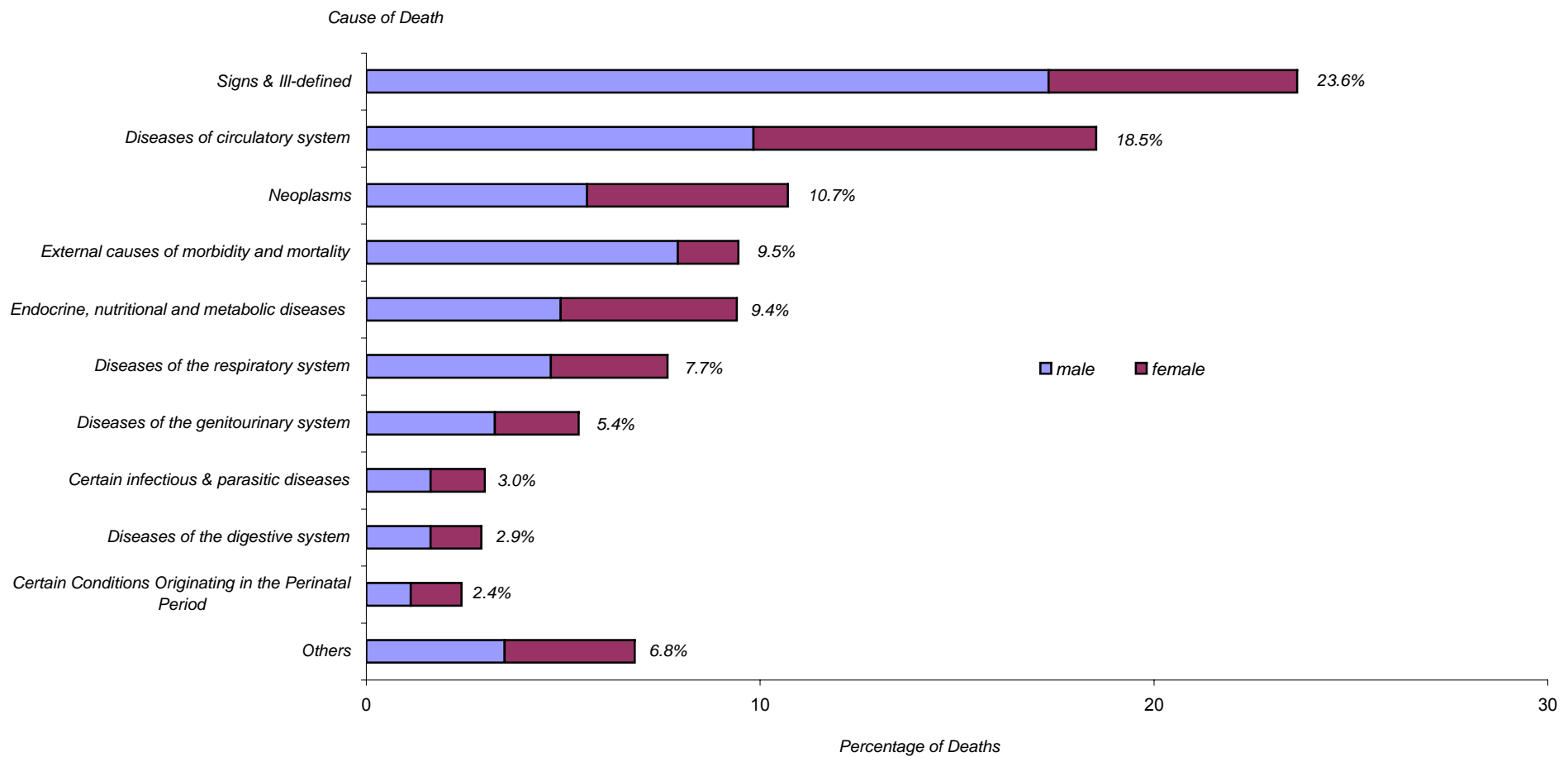
<i>Indicator</i>	<i>2008</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>Nationality</i>	
Population	537,719	527,433	459,012	448,491	438,209	Bah	
	568,790	511,864	283,549	276,154	268,951	Non-Bah	
	1,106,509	1,039,297	742,562	724,645	707,160	Total	
Live births by Father's Nationality	12,938	12,264	11,707	11,987	11,705	Bah	
	4,084	3,798	3,346	3,211	3,263	Non-Bah	
	17,022	16,062	15,053	15,198	14,968	Total	
Deaths (reported)	1,906	1,774	1,805	1,805	1,802	Bah	()
	484	496	512	417	413	Non-Bah	
	2,390	2,270	2,317	2,222	2,215	Total	
Natural population increment	11,032	10,490	9,902	10,182	9,903	Bah	
	3,600	3,302	2,834	2,794	2,850	Non-Bah	
	14,632	13,792	12,736	12,976	12,753	Total	
Natural population increment rate per 1000 Population	20.5	19.9	21.6	22.7	22.6	Bah	1000
	6.3	6.5	10.0	10.1	10.6	Non-Bah	
	13.2	13.3	17.2	17.9	18.0	Total	

(تابع) جدول 1.8 (Cont'd) Table 1.8
 2008 - 2004
 Registered Vital Statistics and Demographic Indicators 2004 - 2008

<i>Indicator</i>	<i>2008</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>Nationality</i>	
Crude birth rate per 1000 population	24.1	23.3	25.5	26.7	26.7	Bah	1000
	7.2	7.4	11.8	11.6	12.1	Non-Bah	
	15.4	15.5	20.3	21.0	21.2	Total	
Crude death rate per 1000 population	3.5	3.4	3.9	4.0	4.1	Bah	1000
	0.9	1.0	1.8	1.5	1.5	Non-Bah	
	2.2	2.2	3.1	3.1	3.1	Total	
General fertility rate (Female 15-49)	80.4	78.0	86.6	90.7	91.0	Bah	(49-15)
	42.3	43.6	68.2	68.4	70.9	Non-Bah	
	62.8	62.9	80.2	82.9	84.0	Total	
Total fertility rate per women (Female 15-49)	2.8	2.7	3.0	3.1	3.1	Bah	(49-15)
	1.3	1.3	2.0	2.0	2.2	Non-Bah	
	1.9	2.0	2.5	2.6	2.6	Total	
Infant mortality rate per 1000 live births	7.3	7.3	7.3	8.9	9.1	Bah	1000
	8.1	11.3	9.0	8.4	10.4	Non-Bah	
	7.5	8.3	7.6	8.8	9.4	Total	
Sex ratio at birth (Male : 100 Female)	104	104	104	105	100	Bah	(100 :)
	105	103	102	103	100	Non-Bah	
	104	103	103	105	100	Total	

Note : These rates differ from the rates of reported births.

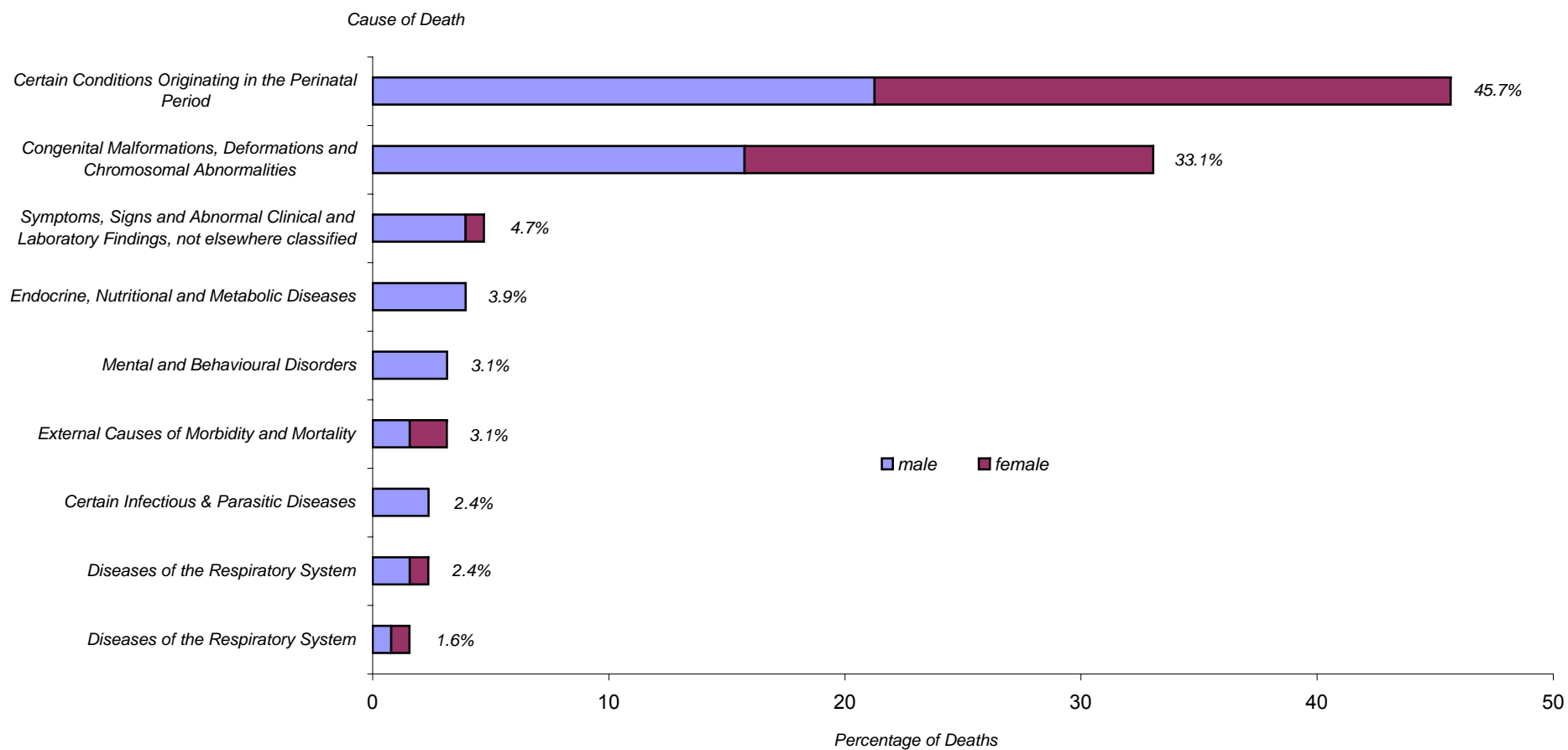
Figure 1.3
2008
The Top Ten Leading Causes of Death by Principal Diagnosis and Sex 2008



Reference: Table 3.15

3.15 :

Figure 1.4
2008
Infant (less than 1 year) Top Ten Leading Causes of Death by Principal Diagnosis, Nationality and Sex 2008



Note: this table represent Infant top ten leading causes of death, but in 2008 only nine groups based on ICD-10 codes.

Reference: Table 3.23

Table 1.9
2008 - 2004
Coverage with Primary Health Care 2004 - 2008

<i>Description</i>	<i>2008</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	
Population with access to local health services	100	100	100	100	100	
Population with access to safe drinking water	100	100	100	100	100	
Population with adequate excreta disposal facilities	100	100	100	100	100	
Infants fully immunized with						
BCG (Bacille Calmette-Guerin) ¹	79.0	87.0	83.2	89.3	NA ¹	
DPT (Diphtheria, Tetanus, Pertussis)	96.8	96.7	98.4	98.2	97.7 ()	
Polio vaccine	96.5	96.7	98.4	98.1	97.7	
Hepatitis B (HB)	96.8	96.7	98	98	98 ()	
Haemophilus Influenza b (Hib)	96.8	96.7	98.4	98.2	97.8 ()	
Children of age 1 year *						* 1
MMR1 (Mumps, Measles, Rubella)	99.9	100	100	100	98.8 ()	
Children of age 6 years *						* 6
MMR2 (Mumps, Measles, Rubella)	97	100	99	99.1	100 ()	
Pregnant women given 2 doses or more of tetanus toxoid *	31.4	39.6	44.3	48.5	49.3	*
Pregnant women attended by trained personnel	100	100	100	100	97.7	
Women delivered by trained personnel	99.4	99.4	99.4	99.4	99.2	
Infants attended by trained personnel	97.4	97.4	98.7	98.5	98.2	

* For more information, refer to conventions (Public Health chapter) .

¹ BCG vaccine is given only for infants of non-Bahraini mothers from endemic countries.

() *

Table 1.10
2008 - 2004 ()
Selected Morbidity Indicators (Reported Communicable Diseases) 2004 - 2008

<i>Disease</i>	<i>2008</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>ICD-10 Code</i>
Cholera	-	-	2	-	-	A00
Malaria (P.falciparum)	5	7	11	11	3	B50
Malaria (P.vivax)	86	92	57	57	81	B51
Malaria Mixed	-	1	2	3	1	B52
Poliomyelitis	-	-	-	-	-	A80
Measles	2	7	3	4	11	B05
Pulmonary TB *	201	180	170	171	126	* A15-A16
Diphtheria	-	-	-	-	-	() A36
Non-neonatal tetanus	-	-	-	-	-	A34-A35
Neonatal tetanus	-	-	-	-	-	A33
AIDS	6	1	3	10	5	B20-B24
Meningococcal meningitis	-	-	-	-	-	A39.0
Other and unspecified predominantly sexually transmitted diseases not elsewhere classified	349	84	149	433	458	A63-A64

* Bahraini & Non-Bahraini were included, non-Bahraini repatriated after receiving the required treatment according to national policy.

*

Table 1.11
2008 - 2004
Health For All Indicators 2004 - 2008

<i>2008</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>Indicators</i>
	1979				The number of countries in which health for all is continuing to receive endorsement as policy at the highest level
					Bahrain committed to the Health for All since 1979
					The number of countries in which mechanisms for involving people in the implementation of strategies are fully functioning or are being further developed
					Annual Report from Health Education provides details of community involvement in health care.
					The number of countries in which resources for primary health care are becoming more equitably distributed
					Provided free for nationals, available within 1 hour's walk or travel
					()
					The amount of international aid received or given for health
					*
					The percentage of gross national product (GNP) (GNI) spent on health *
	3.5	3.8	3.9	4.0	
					()
					The percentage of the national health expenditure devoted to local health services (Primary Health Care) - Ministry of Health
	25.6	25.1	24.4	22.1	22.5
					:
					The percentage of the population covered by primary health care with at least the following:
	100	100	100	100	100
					Safe water in the home or with reasonable access and adequate excreta-disposal facilities available
	100	100	100	100	100

* Source: Ministry of Finance .

(Cont'd) Table 1.11 ()
2008 - 2004
Health For All Indicators 2004 - 2008

2008	2007	2006	2005	2004	Indicators
					: Immunization coverage against :
96.8	96.7	98.4	98.2	97.7	DPT (Diphtheria, Tetanus, Pertussis)
99.9	100	100	100	99.0	(MMR1) Mumps, Measles, Rubella () 1
97.0	100	99.0	99.1	100	(MMR2) Mumps, Measles, Rubella () 1
96.5	96.7	98.4	98.1	97.7	Poliomyelities
79.0	87.0	83.2	89.3	...	BCG (1) لقاح البني سي جي ضد السل
100	100	100	100	100	Acces to local health servies, including availability of essential drugs, within one hours walk or travel
					2 Attendance by trained personnel for pregnancy and childbirth, and care for children up to at least one year of age 2
99.4	99.4	99.4	99.4	99.2	Deliveries
97.4	97.4	98.7	98.5	98.2	Infants
53.4 (3)	...	...	...	...	(49 - 15) The percentage of women of childbearing age (15 - 49) using family planning
91.6	91.4	92.1	92.2	91.8	() 2,500 The percentage of new-borns weighing at least 2,500 grams at birth (include undetermined)
					The percentage of children (under 5 years) whose weight for age and/or weight-for-height are acceptable
92.4% (3)	...	...	...	...	Weight for Age
93.6% (3)	...	...	...	...	Weight for Height 1
91.9% (3)	...	...	...	...	Height for age

¹ BCG vaccine is given only for infant of non-Bahraini mothers from endemic countries.

² Data was reviewed and updated

³ Source: Multiple Indicators Cluster Survey 2000, Bahrain.

1

2

3

2000

(Cont'd) Table 1.11 ()
2008 - 2004
Health For All Indicators 2004 - 2008

2008	2007	2006	2005	2004	Indicators
7.5	8.3	7.6	8.9	9.1	معدل وفيات الأطفال الرضع لكل 1000 مولود حي The infant mortality rate per 1000 live births
17.7	18.8	13.3	6.6	20.1	100,000 The maternal mortality rate per 100,000 live births (MMR)
2.0	2.2	2.4	2.7	2.6	5 1000 Probability of dying before the age of 5 years per 1000 child <5 years old
9.4	10.3	10.1	10.9	10.8	1000 Probability of dying before the age of 5 years per 1000 live birth
73.1	73.1	73.1	73.1	72.1	- Life expectancy at birth by sex, in all identifiable subgroups
77.3	77.3	77.3	77.3	76.3	Male
74.8	74.8	74.8	74.8	73.8	Female
					Mean
92.5% ⁽¹⁾	(15) The adult literacy rate by sex in all identifiable sub groups (15 yrs+)
83% ⁽¹⁾	Bahraini (Male) بحريني (ذكر)
87.7% ⁽¹⁾	Bahraini (Female) بحريني (انثى)
					Bahraini (Both Sexes) بحريني (كلا النوعين)
19,794.1	17,774.0	16,504.9	15,142.6	13,639.3	(0.376) Financial Resources Indicators (US\$) US \$ = 0.376 B.D.
18,959.3	17,486.6	16,103.1	14,677.6	12,941.2	Gross Domestic Product (GDP) per Capita ⁽²⁾ (2)
17,355.7	16,060.0	14,509.2	13,301.1	11,581.6	Gross National Disposable Income (GNP) per Capita ⁽²⁾ (2)
...	607.0	544.7	514.7	462.7	Gross National Disposable Income (GNDI) per Capita ⁽²⁾ (2)
417.3	369.8	422.6	378.5	332.4	Total public expenditure on health per capita ⁽²⁾ (2)
					() Annual budget of Ministry of Health per capita (include projects)

¹ Census data 2001.

² Source: Ministry of Finance .

. 2001 : 1

: 2

Table 1.12
2008 - 2004
Millennium Development Goals Related to Health 2004 - 2008

2008	2007	2006	2005	2004	Indicator	Goals
7.6 ⁽¹⁾	Prevalence of underweight children under five years of age	Eradicate extreme poverty and hunger
لا توجد فعلياً حالات معبرة إحصائياً لسكان لا يحصلون على الكمية الكافية من السعرات الحرارية There are virtually no statistical cases of people who do not receive the minimum daily calorie requirements					Proportion of population below minimum level of dietary energy consumption	
9.4	10.3	10.1	10.9	10.8	1000 Under-five mortality rate per 1000 live births	Reduce child mortality
7.5	8.3	7.6	8.9	9.1	1000 Infant mortality rate per 1000 live births	
100	100	100	100	98.8	Proportion of one year old children immunized against measles (MMR1)	
17.7	18.8	13.3	6.6	20.1	100,000 Maternal mortality rate per 100,000 live births	Improve maternal health
99.4	99.4	99.4	99.4	99.2	Proportion of births attended by skilled health personnel	

¹ Source: Multiple Indicators Cluster Survey 2000, Bahrain.

(Cont'd) Table 1.12 ()
2008 - 2004
Millennium Development Goals Related to Health 2004 - 2008

2008	2007	2006	2005	2004	Indicator	Goals
-	-	-	-	-	24 15 HIV prevalence among pregnant women aged 15 - 24 years	()
9.6% ⁽¹⁾	Condom use rate of the contraceptive prevalence rate	Combat HIV/AIDS, Malaria and other diseases
-	-	-	-	-	/ Number of children orphaned by HIV/AIDS	
8.3 -	9.7 -	9.4 0.1	9.8 0.1	12.0 -	100,000 Prevalence and death rates associated with malaria, Rate per 100,000 population Prevalence - Death	
NA	NA	NA	NA	NA	Proportion of population in malaria-risk areas using effective malaria prevention and treatment measures	
18.2 0.5	17.3 0.6	22.9 0.3	23.6 0.8	17.8 1.1	² 100,000 Prevalence and death rates associated with Tuberculosis ² Rate per 100,000 population Prevalence Death	
49	13	12	9	15	³ Proportion of tuberculosis cases detected and cured under DOTS (Directly Observed Treatment Short-course) ³	

¹ Source: Family Health Survey 1995.

² Bahraini and non-Bahraini .

³ Bahraini only, non-Bahraini repatriated after receiving the required treatment according to national policy.

(Cont'd) Table 1.12 ()
 2008 - 2004
 Millennium Development Goals Related to Health 2004 - 2008

2008	2007	2006	2005	2004	Indicator	Goals
NA	NA	NA	NA	NA	Proportion of population using solid fuels	Ensure environmental sustainability
100	100	100	100	100	Proportion of population with sustainable access to an improved water source, urban and rural	
100	100	100	100	100	Proportion of urban population with access to improve sanitation	
100	100	100	100	100	Proportion of population with access to affordable essential drugs on a sustainable basis	Develop a global partnership for development

Table 1.13
2008
Millennium Development Goals Related to Health by Sex 2008

الجملة <i>Total</i>	أنثى <i>Female</i>	ذكر <i>Male</i>	<i>Indicator</i>	<i>Goals</i>
7.6 ⁽¹⁾	Prevalence of underweight children under five years of age	Eradicate extreme poverty and hunger
لا توجد فعلياً حالات معبرة إحصائياً لسكان لا يحصلون على على الكمية الكافية من السعرات الحرارية There are virtually no statistical cases of people who do not receive the minimum daily calorie requirements			Proportion of population below minimum level of dietary energy consumption	
9.4	8.8	10.0	1000 Under-five mortality rate per 1000 live births	Reduce child mortality
7.5	7.0	8.0	1000 Infant mortality rate per 1000 live births	
99.9	99.9	99.9	Proportion of one year old children immunized against measles (MMR1)	
NA	17.7	NA	100,000 Maternal mortality rate per 100,000 live births	Improve maternal health
NA	99.4	NA	Proportion of births attended by skilled health personnel	

¹ Source: Multiple Indicators Cluster Survey 2000, Bahrain.

2000

1

(Cont'd) Table 1.13 ()

2008

Millennium Development Goals Related to Health by Sex 2008

الجملة Total	أنثى Female	ذكر Male	Indicator	Goals
NA	-	NA	24 15 HIV prevalence among pregnant women aged 15 - 24 years	()
NA	NA	9.6% ⁽¹⁾	Condom use rate of the contraceptive prevalence rate	Combat HIV/AIDS, Malaria and other diseases
-	-	-	/ Number of children orphaned by HIV/AIDS	
8.3 -	... -	... -	100,000 Prevalence and death rates associated with malaria, Rate per 100,000 population Prevalence Death	
NA	NA	NA	Proportion of population in malaria-risk areas using effective malaria prevention and treatment measures	
18.2 0.5	11.4 0.5	22.4 0.6	2 100,000 Prevalence and death rates associated with Tuberculosis ² Rate per 100,000 population Prevalence Death	
49	...	...	3 Proportion of tuberculosis cases detected and cured under DOTS (Directly Observed Treatment Short-course) ³

¹ Source: Family Health Survey 1995.² Bahraini and non-Bahraini .³ Bahraini only, non-Bahraini repatriated after receiving the required treatment according to national policy.

(Cont'd) Table 1.13 ()
 2008
 Millennium Development Goals Related to Health by Sex 2008

الجملة <i>Total</i>	أنثى <i>Female</i>	ذكر <i>Male</i>	<i>Indicator</i>	<i>Goals</i>
NA	NA	NA	Proportion of population using solid fuels	Ensure environmental sustainability
100	100	100	Proportion of population with sustainable access to an improved water source, urban and rural	
100	100	100	Proportion of urban population with access to improve sanitation	
100	100	100	Proportion of population with access to affordable essential drugs on a sustainable basis	Develop a global partnership for development