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# المحتويات

2007 - 2003
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# Conventions

# الإصطلاحات

## Note:

1) The population is based on Central Population Registry (CPR) August, 2007 adjusted year as for 2007 mid population (1st July 2007). The increase in population in 2007 has direct impacts on rates.

### Table 1.3

Ministry of Health expenditure includes projects.

### Table 1.4

Two newly private hospitals were operated in 2007 and some of their data was presented in this chapter only.

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 and Child and Diabetic 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.).
- Pharmacists & Technicians even though it was counted within allied health, but it is also shown separately for any special request.
- 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.

Jaw and Asker cost is included in the cost of Hamad Kanoo Health Center at Health Region IV.

Salmaniya Medical Complex :

a) the cost includes cost of SMC Maternity Unit.

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

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**Table 1.1**  
**2007 - 2003**  
**Demographic and Socioeconomic Indicators 2003 - 2007**

<i>Indicator</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	
<b>Demographic</b>						
Area (sq.km)	735.8	735.8	735.8	728.3	720.1	( )
Population	1,039,297	742,562	724,645	707,160	689,418	
Crude birth rate per 1000 population (reported)	15.4	20.2	20.9	21.1	21.1	( ) 1000
Crude death rate per 1000 population (reported)	2.2	3.1	3.1	3.1	3.1	( ) 1000
Population growth rate % <sup>1</sup>	2.7	2.7	2.7	2.7	2.7	<sup>1</sup>
% population <15	21.1	27.3	27.3	27.6	27.6	السكان أقل من 15 %
% population 15-64	76.3	70.2	70.2	69.9	69.9	السكان 15-64 %
% population 65+	2.5	2.5	2.5	2.5	2.5	+ السكان 65 %
Total dependency ratio	31.0	42.5	42.5	43.0	43.1	
Total fertility rate per women ( Female 15-49 )	2.0	2.5	2.6	2.6	2.6	( 49-15 )
<b>Socioeconomic</b>						
Unemployment rate <sup>1</sup>	5.5	5.5	5.5	5.5	5.5	<sup>1</sup>
Smokers 15+ years (Bahraini %) <sup>1</sup>						<sup>1</sup> ( ) 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 %) <sup>1</sup>						<sup>1</sup> ( ) 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	
School enrollment ratio 1st level % - Bahraini only - (Primary and Intermediate Level) <sup>2</sup>						( - ) <sup>2</sup> ( " " ) -
Male	...	...	...	102.1	103.7	
Female	...	...	...	102.4	104.5	
Total	...	...	...	102.3	104.1	
School enrollment ratio 2nd level % - Bahraini only - (Secondary Level) <sup>2</sup>						( - ) <sup>2</sup> ( ) -
Male	...	...	...	92.1	90.6	
Female	...	...	...	102.6	102.0	
Total	...	...	...	97.2	96.1	

<sup>1</sup> Source: census data 2001.

<sup>2</sup> The % for school enrollment (1<sup>st</sup> and 2<sup>nd</sup> levels) for the academic year 2006/2007.

**Table 1.2**  
**2007 - 2003**  
**Health Resources 2003 - 2007**

<i>Indicator</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	
<b>Budgetary Resources (at Current Prices) (B.D.)</b>						( ) ( )
Ministry of Health Expenditure (including projects) (million B.D.)	144.5	118.0	103.1	88.4	80.6	- ( )
Total Public Expenditure (million B.D.)	1,854.6	1,577.6	1,289.2	1,104.6	1,080.4	-
% Allocated to the Ministry of Health from Government Total Budget (including projects)	7.8	7.5	8.0	8.0	7.5	( )
Gross Domestic Product (GDP) per capita *	...	...	6,943.0	5,945.7	5,289.9	*
Gross National Income / Product (GNP) per capita *	...	...	6,728.5	5,639.5	5,020.9	*
Gross National Desposable Income (GNDI) per capita *	...	...	6,093.7	5,044.1	4,430.7	*
Ministry of Health Expenditure as % of GDP *	...	...	2.0	2.1	2.2	*
Ministry of Health Annual Budget per capita (including projects)	139.1	158.9	142.3	125.0	116.9	( )
<b>Human Resources</b>						
Doctor per 10,000 population	21.4	27.6	27.2	22.4	18.8	10,000
Dentist per 10,000 population	3.2	4.1	4.1	3.7	2.7	10,000
Nurse and midwives per 10,000 population	41.9	55.0	52.9	49.5	45.8	10,000
Pharmacists and Technicians per 10,000 population	6.2	8.3	7.5	7.2	...	10,000
Beds per 10,000 population	19.7	27.4	28.1	27.0	27.6	10,000
Primary Health Care Units and Centers per 10,000 population	0.2	0.3	0.3	0.3	0.3	10,000
Nurse per doctor	2.0	2.0	1.9	2.2	2.4	

\* Source : 1) Ministry of Finance .

2) Ministry of Health - Directorate of Finance.

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**Table 1.3**  
**2007 - 2003 ( - )**  
**Health Resources by Health Sector ( Government-Private ) 2003 - 2007**

<i>Description</i>		<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>
<b>Physicians</b>	Government	1,310	1,215	1,167	1,086	1,021
	Private	917	833	806	496	274
	<b>Total</b>	<b>2,227</b>	<b>2,048</b>	<b>1,973</b>	<b>1,582</b>	<b>1,295</b>
<b>Dentists</b>	Government	133	118	111	103	100
	Private	201	187	184	157	86
	<b>Total</b>	<b>334</b>	<b>305</b>	<b>295</b>	<b>260</b>	<b>186</b>
<b>Nurses</b>	Government	3,329	3,144	2,910	2,798	2,661
	Private	1,025	943	925	704	495
	<b>Total</b>	<b>4,354</b>	<b>4,087</b>	<b>3,835</b>	<b>3,502</b>	<b>3,156</b>
<b>Allied Health</b>	Government	1,236	1,122	1,108	1,069	895
	Private	493	456	435	402	115
	<b>Total</b>	<b>1,729</b>	<b>1,578</b>	<b>1,543</b>	<b>1,471</b>	<b>1,010</b>
<b>Pharmacists &amp; Technicians</b>	Government	223	218	211	488	...
	Private	421	399	329	324	...
	<b>Total</b>	<b>644</b>	<b>617</b>	<b>540</b>	<b>509</b>	<b>0</b>
<b>In-Patients</b>	Government	80,219	81,360	84,167	78,356	77,710
	Private	18,026	15,580	14,094	10,863	8,387
	<b>Total</b>	<b>98,245</b>	<b>96,940</b>	<b>98,261</b>	<b>89,219</b>	<b>86,097</b>

(Cont'd) Table 1.3 (تابع) جدول 1.3  
 2007 - 2003 ( - )  
 Health Resources by Health Sector ( Government-Private ) 2003 - 2007

Description	2007	2006	2005	2004	2003	
<b>Out-Patients *</b>						*
Government	4,349,224	4,166,881	3,936,021	3,843,790	3,758,354	
Private	686,734	594,071	510,129	483,786	420,463	
<b>Total</b>	<b>5,035,958</b>	<b>4,760,952</b>	<b>4,446,150</b>	<b>4,327,576</b>	<b>4,178,817</b>	
<b>Hospitals</b>						
Government	9	9	9	9	9	
Private	12	11	9	6	6	
<b>Total</b>	<b>21</b>	<b>20</b>	<b>18</b>	<b>15</b>	<b>15</b>	
<b>Beds</b>						
Government	1,714	1,714	1,741	1,694	1,691	
Private	329	323	292	215	213	
<b>Total</b>	<b>2,043</b>	<b>2,037</b>	<b>2,033</b>	<b>1,909</b>	<b>1,904</b>	
<b>Primary Health Care Units and Centers</b>						
Government **	23	23	23	23	23	**
Private	...	...	...	...	...	
<b>Total</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>23</b>	
<b>Estimated Cost (million Bahraini Dinars)</b>						( )
<b>Government</b>	<b>173.6</b>	<b>139.3</b>	<b>126.6</b>	<b>108.9</b>	<b>100.9</b>	
Ministry of Health	144.5	118.0	103.1	88.4	80.6	
Military Hospital	29.1	21.3	23.5	20.5	20.3	
<b>Private</b>	...	...	<b>45.4</b>	<b>34.4</b>	<b>26.9</b>	

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

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

Note: UPS Hospital is temporarily closed in 2007 due to renovation.

**Table 1.4**  
**2007**  
**Health Care Resources 2007**

<i>Institution</i>	<i>Out-Patients</i>	<i>In-Patients *</i>	<i>Beds *</i>	<i>Other Manpower *</i>	<i>Medical &amp; Para-Medical Manpower</i>					
					<i>Pharmacists &amp; Tech. *</i>	<i>Allied Health *</i>	<i>Nurses</i>	<i>Dentists</i>	<i>Physicians</i>	
<b>Government</b>										
Ministry of Health	3,824,242	55,046	1,375	4,225	180	942	2,524	116	1,052	
Military Hospital *	460,496	25,173	339	858	35	263	758	12	229	*
Directorate of Health & Social Affairs	64,486	NA	NA	110	8	31	47	5	15	
<b>Total</b>	<b>4,349,224</b>	<b>80,219</b>	<b>1,714</b>	<b>5,193</b>	<b>223</b>	<b>1,236</b>	<b>3,329</b>	<b>133</b>	<b>1,310</b>	
<b>Private Hospitals</b>										
International Hospital of Bahrain	85,939	3,924	57	265	8	27	43	6	58	
American Mission Hospital	186,294	2,528	40	93	13	56	109	15	68	
Awali Hospital	37,671	942	28	18	4	16	62	2	18	
Gulf Dental Speciality Hospital	14,228	27	10	14	NA	3	16	10	NA	
Ibn Al-Nafees Hospital	96,987	3,483	18	57	NA	19	48	NA	39	
Bahrain Specialist Hospital	83,406	4,449	56	146	8	43	50	2	43	
Noor Specialist Hospital	...	1,407	24	4	NA	2	26	NA	17	
Dr. Tariq Hospital	12,875	405	25	14	NA	NA	29	NA	9	
Al-Hilal Hospital	41,013	431	45	31	1	7	22	1	18	
Al-Baraka Fertility Hospital	4,641	418	6	...	NA	3	5	NA	2	
Al-Amal Hospital	13,617	12	20	45	3	13	16	2	13	
<b>Private Clinics *</b>	...	NA	NA	...	378	281	552	162	614	*
<b>Gulf Diabetes Specialist Center (Joslin)</b>	7,838	NA	NA	16	4	8	8	NA	4	( )
<b>Private Company Clinics</b>										
Aluminium Bahrain (ALBA)	36,286	NA	NA	3	1	10	12	NA	4	( )
Arabian Shipping & Repairing Yard (ASRY)	11,763	NA	NA	1	NA	1	13	NA	3	( )
Gulf Air	43,022	NA	NA	6	1	4	5	1	5	
Gulf Aluminium Rolling Mill Co. (GARMCO)	6,354	NA	NA	1	NA	NA	5	NA	1	( )
Gulf Petrochemical Industries Co. (GPIC)	4,800	NA	NA	2	NA	NA	4	NA	1	
<b>Total</b>	<b>686,734</b>	<b>18,026</b>	<b>329</b>	<b>716</b>	<b>421</b>	<b>493</b>	<b>1,025</b>	<b>201</b>	<b>917</b>	
<b>Grand Total</b>	<b>5,035,958</b>	<b>98,245</b>	<b>2,043</b>	<b>5,909</b>	<b>644</b>	<b>1,729</b>	<b>4,354</b>	<b>334</b>	<b>2,227</b>	

\* Refer to conventions used in the report.

Note : a) Total physicians in Government sector include 14 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.

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**Table 1.5**  
**2007**  
**Selected Health Care Resources at Ministry of Health 2007**

<i>Institution</i>	<i>Out-Patients</i>	<i>* In-Patients *</i>	<i>* Beds *</i>	<i>Medical &amp; Para-Medical Manpower</i>				<i>* ( . ) Cost * (B.D.)</i>
				<i>Allied Health</i>	<i>Nurses</i>	<i>Dentists</i>	<i>Physicians</i>	
<b>Primary &amp; Preventive Health Care</b>	<b>3,265,356</b>	<b>NA</b>	<b>NA</b>	<b>454</b>	<b>408</b>	<b>76</b>	<b>287</b>	<b>36,796,307</b>
Public Health Directorate	NA	NA	NA	29	6	NA	9	5,076,466
Health Centers Administration	NA	NA	NA	4	5	8	12	2,152,599
Health Education	NA	NA	NA	1	-	-	4	...
Health Centers	3,265,356	NA	NA	418	336	68	262	29,567,242
Health Region I								
Muharraq	320,319	NA	NA	27	30	4	28	2,206,211
Sh.Salman	128,427	NA	NA	12	18	3	9	1,231,507
National Bank of Bahrain - Arad	130,893	NA	NA	27	16	2	13	1,534,153
National Bank of Bahrain - Dair	110,074	NA	NA	12	12	3	9	921,939
Bahrain Int'l. Airport Clinic	13,814	NA	NA	-	5	-	4	185,094
Total Region I	703,527	NA	NA	78	81	12	63	6,078,904
Health Region II								
Naim	264,315	NA	NA	61	25	13	20	3,019,820
Ibn Sinna	56,193	NA	NA	14	10	1	5	921,600
Sh.Sabah Al Salem	70,821	NA	NA	9	12	1	5	882,577
Hooraa	48,594	NA	NA	9	12	2	6	743,694
Al Razi (Workers H.C.)	136,588	NA	NA	19	6	2	13	1,263,660 ( )
Total Region II	576,511	NA	NA	112	65	19	49	6,831,351
Health Region III								
Isa Town	376,406	NA	NA	38	25	5	28	2,909,019
Jidhafs	186,473	NA	NA	17	15	3	13	1,575,262
Budaiya	156,551	NA	NA	18	15	1	14	1,369,926
Bilad Al Kadeem	108,911	NA	NA	7	13	3	6	879,944
A' Ali	114,284	NA	NA	14	13	5	10	1,195,522
Total Region III	942,625	NA	NA	94	81	17	71	7,929,673



(تابع) جدول 1.5 (Cont'd) Table 1.5

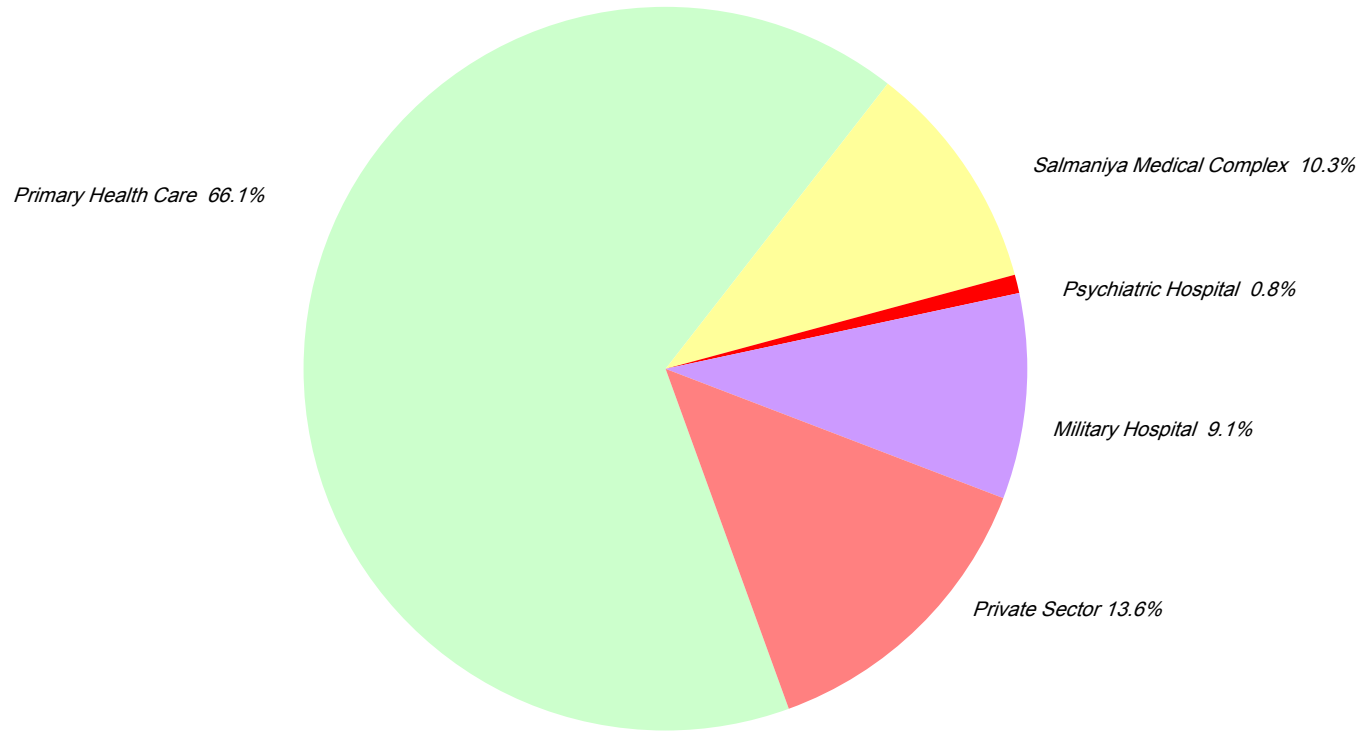
2007

## Selected Health Care Resources at Ministry of Health 2007

Institution	Out-Patients	* In-Patients *	* Beds *	Medical & Para-Medical Manpower				* ( . ) Cost * (B.D.)
				Allied Health	Nurses	Dentists	Physicians	
Health Region IV								
Hamad Town	131,413	NA	NA	13	14	2	8	1,208,545
Sitra	270,491	NA	NA	30	27	5	17	1,778,386
Hamad Kanoo	156,331	NA	NA	19	15	2	16	1,353,548
East Riffa	107,308	NA	NA	17	18	2	10	1,186,230
Kuwait	95,771	NA	NA	14	12	2	7	1,002,926
Mohammed Bin Jassim Kanoo	243,687	NA	NA	38	18	7	19	1,992,974
Zallaq	29,392	NA	NA	1	2	-	-	158,219
Jaw & Asker Clinic	8,300	NA	NA	2	3	-	2	46,486
Total Region IV	1,042,693	NA	NA	134	109	20	79	8,727,314
<b>School Health Program</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>2</b>	<b>61</b>	<b>NA</b>	<b>NA</b>	<b>...</b>
<b>Secondary Health Care (Hospitals)</b>	<b>558,886</b>	<b>55,046</b>	<b>1,375</b>	<b>451</b>	<b>2,106</b>	<b>6</b>	<b>671</b>	<b>82,992,578</b>
Salmaniya Medical Complex *	518,287	46,738	895	425	1,677	6	625	71,640,790
Psychiatric Hospital	40,599	1,112	214	13	204	-	46	6,252,706
Geriatric Hospital & Long Stay Wards*	NA	165	149	-	60	-	-	1,095,777
Maternity Hospitals	NA	7,031	117	13	165	NA	-	4,003,305
Jidhafs Hospital	NA	5,250	80	8	84	NA	...	1,859,736
Muharraq Hospital	NA	1,743	31	5	65	NA	...	1,711,456
Sitra Hospital	NA	20	2	-	7	NA	...	170,995
West Region Hospital	NA	6	2	-	4	NA	...	146,220
Riffa Hospital	NA	12	2	-	5	NA	...	114,898
	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>...</b>
<b>Training Directorate</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>-</b>	<b>6</b>	<b>34</b>	<b>78</b>	<b>...</b>
<b>Overseas Treatment</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,617,962</b>
<b>Medical Review</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>3</b>	<b>150,907</b>
<b>College of Health Sciences</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>7</b>	<b>2</b>	<b>-</b>	<b>1</b>	<b>1,851,404</b>
<b>Licensing and Registration</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>6</b>	<b>426,533</b>
<b>Directorate of Pharmacy</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>14</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>349,461</b>
<b>Others</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>16</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>-</b>
<b>Total</b>	<b>3,824,242</b>	<b>55,046</b>	<b>1,375</b>	<b>942</b>	<b>2,524</b>	<b>116</b>	<b>1,052</b>	<b>...</b>

\* Refer to conventions used in the report.

**Figure 1.1**  
**2007**  
**Out-Patient Visits by Health Institutions 2007**



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

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**Table 1.6**  
**2007 - 2003**  
**Coverage with Primary Health Care 2003 - 2007**

<i>Description</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</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	
<b>Infants fully immunized with</b>						
BCG (Bacille Calmette-Guerin)	87.0	83.2	89.3	NA	NA	
DPT (Diphtheria, Tetanus, Pertussis)	96.7	98.4	98.2	97.7	97.3	( )
OPV (Oral Polio)	96.7	98.4	98.1	97.7	97.3	
Hepatitis B (HB)	96.7	98	98	98	98	( )
<b>Children of age 1 year *</b>						* 1
MMR1 (Mumps, Measles, Rubella)	100	100	100	98.8	100	( )
<b>Children of age 6 years *</b>						* 6
MMR2 (Mumps, Measles, Rubella)	100	99	99.1	100	99.5	( )
Pregnant women given 2 doses or more of tetanus toxoid *	39.6	44.3	48.5	49.3	55.5	*
Pregnant women attended by trained personnel	100	100	100	97.7	99	
Women delivered by trained personnel	99.4	99.4	99.4	99.2	99.3	
Infants attended by trained personnel	96.7	98.7	98.5	98.2	98.4	

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

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

( ) \*

**Table 1.7**  
**2007 - 2003**  
**Vital Statistics Reported Data 2003 - 2007**

<i>Indicator</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	
Crude birth rate/1000 population	15.4	20.2	20.9	21.1	21.1	1000
Still birth rate/1000 births	6.8	6.2	7.4	8.2	7.2	1000
Premature birth rate/1000 live births	110.0	102.6	98.5	108.4	111.5	1000
Sex ratio at birth : Male / (per 100 Female)	103.6	102.6	103.8	100.5	101.6	( 100 ) / :
Mean of life expectancy at birth	74.8	74.8	74.8	73.8	73.8	
Perinatal mortality rate/1000 births	10.1	8.5	10.2	11.8	10.3	1000
Neonatal mortality rate/1000 live births	4.9	3.7	5.0	5.7	5.0	1000
Postneonatal mortality rate/1000 live births	3.4	3.9	3.8	3.4	2.3	1000
Infant mortality rate/1000 live births	8.3	7.6	8.9	9.1	7.3	1000
Under 5 yrs mortality/1000 live births	10.3	10.1	10.9	10.8	9.5	1000 5
Under 5 yrs mortality/1000 child<5yrs old	2.2	2.4	2.7	2.6	2.2	5 5
Maternal mortality rate/100,000 live births	18.8	13.3	6.6	20.1	20.6	100,000
Crude death rate/1000 population	2.2	3.1	3.1	3.1	3.1	1000

Note: a) All data excluding abroad births.

b) Deaths include some visitors .

**Table 1.8**  
**2007 - 2003**  
**Registered Vital Statistics and Demographic Indicators 2003 - 2007**

<i>Indicator</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>Nationality</i>	
Population	527,433	459,012	448,491	438,209	427,955	Bah	
	511,864	283,549	276,154	268,951	261,463	Non-Bah	
	<b>1,039,297</b>	<b>742,562</b>	<b>724,645</b>	<b>707,160</b>	<b>689,418</b>	<b>Total</b>	
Live births by Father's Nationality	12,264	11,707	11,987	11,705	11,317	Bah	
	3,798	3,346	3,211	3,263	3,243	Non-Bah	
	<b>16,062</b>	<b>15,053</b>	<b>15,198</b>	<b>14,968</b>	<b>14,560</b>	<b>Total</b>	
Deaths (reported)	1,774	1,805	1,805	1,802	1,738	Bah	(       )
	496	512	417	413	376	Non-Bah	
	<b>2,270</b>	<b>2,317</b>	<b>2,222</b>	<b>2,215</b>	<b>2,114</b>	<b>Total</b>	
Natural population increment	10,490	9,902	10,182	9,903	9,579	Bah	
	3,302	2,834	2,794	2,850	2,867	Non-Bah	
	<b>13,792</b>	<b>12,736</b>	<b>12,976</b>	<b>12,753</b>	<b>12,446</b>	<b>Total</b>	
Natural population increment rate per 1000 Population	19.9	21.6	22.7	22.6	22.4	Bah	1000
	6.5	10.0	10.1	10.6	11.0	Non-Bah	
	<b>13.3</b>	<b>17.2</b>	<b>17.9</b>	<b>18.0</b>	<b>18.1</b>	<b>Total</b>	

(تابع) جدول 1.8 (Cont'd) Table 1.8  
 2007 - 2003  
 Registered Vital Statistics and Demographic Indicators 2003 - 2007

<i>Indicator</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>Nationality</i>	
Crude birth rate per 1000 population	23.3	25.5	26.7	26.7	26.4	Bah	1000
	7.4	11.8	11.6	12.1	12.4	Non-Bah	
	<b>15.5</b>	<b>20.3</b>	<b>21.0</b>	<b>21.2</b>	<b>21.1</b>	<b>Total</b>	
Crude death rate per 1000 population	3.4	3.9	4.0	4.1	4.1	Bah	1000
	1.0	1.8	1.5	1.5	1.4	Non-Bah	
	<b>2.2</b>	<b>3.1</b>	<b>3.1</b>	<b>3.1</b>	<b>3.1</b>	<b>Total</b>	
General fertility rate ( Female 15-49 )	78.0	86.6	90.7	91.0	89.5	Bah	( 49-15 )
	43.6	68.2	68.4	70.9	73.1	Non-Bah	
	<b>62.9</b>	<b>80.2</b>	<b>82.9</b>	<b>84.0</b>	<b>83.8</b>	<b>Total</b>	
Total fertility rate per women ( Female 15-49 )	2.7	3.0	3.1	3.1	3.1	Bah	( 49-15 )
	1.3	2.0	2.0	2.2	2.2	Non-Bah	
	<b>2.0</b>	<b>2.5</b>	<b>2.6</b>	<b>2.6</b>	<b>2.6</b>	<b>Total</b>	
Infant mortality rate per 1000 live births	7.3	7.3	8.9	9.1	8.0	Bah	1000
	11.3	9.0	8.4	10.4	4.9	Non-Bah	
	<b>8.3</b>	<b>7.6</b>	<b>8.8</b>	<b>9.4</b>	<b>7.3</b>	<b>Total</b>	
Sex ratio at birth (Male : 100 Female)	104	104	105	100	100	Bah	( 100 : )
	103	102	103	100	104	Non-Bah	
	<b>103</b>	<b>103</b>	<b>105</b>	<b>100</b>	<b>101</b>	<b>Total</b>	

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

**Table 1.9**  
**2007 - 2003 ( )**  
**Selected Morbidity Indicators (Reported Communicable Diseases) 2003 - 2007**

<i>Disease</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>ICD-10 Code</i>
Cholera	-	2	-	-	-	A00
Malaria (P.falciparum)	7	11	11	3	32	B50
Malaria (P.vivax)	92	57	57	81	55	B51
Malaria Mixed	1	2	3	1	NA	B52
Poliomyelitis	-	-	-	-	-	A80
Measles	7	3	4	11	12	B05
Pulmonary TB *	180	170	171	126	132	A15-A16
Diphtheria	-	-	-	-	-	A36
Non-neonatal tetanus	-	-	-	-	1	A34-A35
Neonatal tetanus	-	-	-	-	-	A33
AIDS	1	3	10	5	11	B20-B24
Meningococcal meningitis	-	-	-	-	-	A39.0
Other and unspecified predominantly sexually transmitted diseases not elsewhere classified	84	149	433	458	...	A63-A64

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

\*

**Table 1.10**  
**2007 - 2003**  
**Health For All Indicators 2003 - 2007**

<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>Indicators</i>
					1979 Bahrain committed to the Health for All since 1979
					The number of countries in which health for all is continuing to receive endorsement as policy at the highest level
					Annual Report from Health Education provides details of community involvement in health care.
					The number of countries in which mechanisms for involving people in the implementation of strategies are fully functioning or are being further developed
					Provided free for nationals, available within 1 hour's walk or travel
					The number of countries in which resources for primary health care are becoming more equitably distributed
					( ) Bahrain contributes to and benefits from WHO membership it receives no 'aid' as such.
					The amount of international aid received or given for health
					*
					The percentage of gross national product (GNP) (GNDI) spent on health *
					...
					3.9 4.0 3.8
					( ) 25.1 24.4 22.1 22.5 22.7
					The percentage of the national health expenditure devoted to local health services (Primary Health Care) - Ministry of Health
					100 100 100 100 100
					: 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

\* Source: Ministry of Finance .



(Cont'd) Table 1.10 ( )  
2007 - 2003  
Health For All Indicators 2003 - 2007

2007	2006	2005	2004	2003	Indicators
					Immunization coverage against :
96.7	98.4	98.2	97.7	97.3	DPT (Diphtheria, Tetanus, Pertussis)
100	100	100	99.0	100	(MMR1) Mumps, Measles, Rubella ( ) 1
100.0	99.0	99.1	100	99.5	(MMR2) Mumps, Measles, Rubella ( ) 1
96.7	98.4	98.1	97.7	97.3	Poliomyelitis
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	99.2	99.3	Deliveries
96.7	98.7	98.5	98.2	98.4	Infants
53.4 (3)	...	...	...	...	(49 - 15) The percentage of women of childbearing age (15 - 49) using family planning
91.4	92.1	92.2	91.8	90.0	( ) 2,500 The percentage of new-borns weighing at least 2,500 grams at birth (include undetermined)
					The percentage of children 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

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

<sup>2</sup> Data was reviewed and updated

<sup>3</sup> Source: Multiple Indicators Cluster Survey 2000, Bahrain .

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2000

(Cont'd) Table 1.10 ( )  
2007 - 2003  
Health For All Indicators 2003 - 2007

2007	2006	2005	2004	2003	Indicators
8.3	7.6	8.9	9.1	7.3	معدل وفيات الأطفال الرضع لكل 1000 مولود حي The infant mortality rate per 1000 live births
18.8	13.3	6.6	20.1	20.6	100,000 The maternal mortality rate per 100,000 live births (MMR)
2.2	2.4	2.7	2.6	2.2	5 1000 Probability of dying before the age of 5 years per 1000 child <5 years old
10.3	10.1	10.9	10.8	9.5	100,000 Probability of dying before the age of 5 years per 1000 live birth
73.1	73.1	73.1	72.1	72.1	- Life expectancy at birth by sex, in all identifiable subgroups
77.3	77.3	77.3	76.3	76.3	Male
74.8	74.8	74.8	73.8	73.8	Female
					Mean
92.5% <sup>(1)</sup>	...	...	...	...	( 15 ) The adult literacy rate by sex in all identifiable sub groups ( 15 yrs+ )
83% <sup>(1)</sup>	...	...	...	...	Bahraini (Male) بحريني (ذكر)
87.7% <sup>(1)</sup>	...	...	...	...	Bahraini (Female) بحريني (انثى)
					Bahraini (Both Sexes) بحريني (كلا النوعين)
...	...	18,465	15,813	14,069	( 0.376 ) Financial Resources Indicators (US\$) US \$ = 0.376 B.D.
...	...	17,895	14,999	13,353	Gross Domestic Product (GDP) per Capita <sup>(2)</sup> (2)
...	...	16,207	13,415	11,784	Gross National Disposable Income (GNP) per Capita <sup>(2)</sup> (2)
...	...	631.3	538.9	493.0	Gross National Disposable Income (GNDI) per Capita <sup>(2)</sup> (2)
369.9	422.6	378.5	332.4	310.9	Total public expenditure on health per capita <sup>(2)</sup> (2) ( ) Annual budget of Ministry of Health per capita (include projects)

<sup>1</sup> Census data 2001.

<sup>2</sup> Source: Ministry of Finance .

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**Table 1.11**  
**2007 - 2003**  
**Millennium Development Goals Related to Health 2003 - 2007**

<b>2007</b>	<b>2006</b>	<b>2005</b>	<b>2004</b>	<b>2003</b>	<b>Indicator</b>	<b>Goals</b>
4.2 <sup>(1)</sup>	...	...	...	...	Prevalence of underweight children under five years of age	<b>Eradicate extreme poverty and hunger</b>
53.5 <sup>(2)</sup>	...	...	...	...	Proportion of population below minimum level of dietary energy consumption	
10.3	10.1	10.9	10.8	9.5	1000 Under-five mortality rate per 1000 live births	<b>Reduce child mortality</b>
8.3	7.6	8.9	9.1	7.3	1000 The infant mortality rate per 1000 live births	
100	100	100	98.8	100	Proportion of one year old children immunized against measles (MMR1)	
18.8	13.3	6.6	20.1	20.6	100,000 Maternal mortality rate per 100,000 live births	<b>Improve maternal health</b>
99.4	99.4	99.4	99.2	99.3	Proportion of births attended by skilled health personnel	

<sup>1</sup> Breastfeeding Patterns & Practices in the Kingdom of Bahrain, 2002.

<sup>2</sup> National Nutrition Survey for Adult Bahraini Aged 19 Years and Over, 2000.

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(Cont'd) Table 1.11 ( )  
2007 - 2003  
Millennium Development Goals Related to Health 2003 - 2007

2007	2006	2005	2004	2003	Indicator	Goals
-	-	-	-	-	24 15 HIV prevalence among pregnant women aged 15 - 24 years	( )
9.6% <sup>(1)</sup>	...	...	...	...	Condom use rate of the contraceptive prevalence rate	<b>Combat HIV/AIDS, Malaria and other diseases</b>
-	-	-	-	-	/ Number of children orphaned by HIV/AIDS	
9.7 -	9.4 0.1	9.8 0.1	12.0 -	12.6 -	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	
17.3 0.6	22.9 0.3	23.6 0.8	17.8 1.1	19.1 0.3	<sup>2</sup> 100,000 Prevalence and death rates associated with Tuberculosis <sup>2</sup> Rate per 100,000 population Prevalence Death	
13	12	9	15	15	<sup>3</sup> Proportion of tuberculosis cases detected and cured under DOTS (Directly Observed Treatment Short-course) <sup>3</sup>	

<sup>1</sup> Source: Family Health Survey 1995.

<sup>2</sup> Bahraini and non-Bahraini .

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

Note : Malaria , data was reviewed and updated .

(Cont'd) Table 1.11 ( )  
 2007 - 2003  
 Millennium Development Goals Related to Health 2003 - 2007

2007	2006	2005	2004	2003	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