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# المحتويات

2006 - 2002
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# Conventions

**Table 1.3**

Ministry of Health expenditure includes projects.

**Table 1.4**

Two newly private hospitals were operated in 2006 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 and Zallaq Clinic costs are included in the cost of other centers in Health Region IV.

Salmaniya Medical Complex :

a) the cost includes cost of SMC Maternity Unit.

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

# الإصطلاحات

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**Table 1.1**  
**2006 - 2002**  
**Demographic and Socioeconomic Indicators 2002 - 2006**

<i>Indicator</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>	
<b>Demographic</b>						
Area (sq.km)	735.8	735.8	728.3	720.1	717.5	( )
Population	742,562	724,645	707,160	689,418	672,123	
Crude birth rate per 1000 population (reported)	20.2	20.9	21.1	21.1	20.1	( ) 1000
Crude death rate per 1000 population (reported)	3.1	3.1	3.1	3.1	3.0	( ) 1000
Population growth rate % <sup>1</sup>	2.7	2.7	2.7	2.7	2.7	<sup>1</sup>
% population <15	27.3	27.3	27.6	27.6	27.8	% السكان أقل من 15
% population 15-64	70.2	70.2	69.9	69.9	69.6	% السكان 15-64
% population 65+	2.5	2.5	2.5	2.5	2.5	+ السكان 65 %
Total dependency ratio	42.5	42.5	43.0	43.1	43.6	
Total fertility rate per women ( Female 15-49 )	2.5	2.6	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	104.8	
Female	...	...	102.4	104.5	106.2	
Total	...	...	102.3	104.1	105.4	
School enrollment ratio 2nd level % - Bahraini only - (Secondary Level) <sup>2</sup>						( - ) <sup>2</sup> ( ) -
Male	...	...	92.1	90.6	88.7	
Female	...	...	102.6	102.0	101.8	
Total	...	...	97.2	96.1	95.0	

<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 2004/2005.

**Table 1.2**  
**2006 - 2002**  
**Health Resources 2002 - 2006**

<i>Indicator</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>	
<b>Budgetary Resources (at Current Prices) (B.D.)</b>						( ) ( )
Ministry of Health Expenditure (million B.D.)	118.0	103.1	88.4	80.6	71.2	-
Total Public Expenditure (million B.D.)	1,577.6	1,289.2	1,104.6	1,080.4	1,031.0	-
% Allocated to the Ministry of Health from Government Total Budget (including projects)	7.5	8.0	8.0	7.5	6.9	( )
Gross Domestic Product (GDP) per capita *	...	6,943.0	5,945.7	5,289.9	4,726.0	*
Gross National Income / Product (GNP) per capita *	...	6,728.5	5,639.5	5,020.9	4,432.3	*
Gross National Desposable Income (GNDI) per capita *	...	6,093.7	5,044.1	4,430.7	3,944.8	*
Ministry of Health Expenditure as % of GDP *	...	2.0	2.1	2.2	2.2	*
Ministry of Health Annual Budget per capita (including projects)	158.9	142.3	125.0	116.9	105.9	( )
<b>Human Resources</b>						
Doctor per 10,000 population	27.6	27.2	22.4	18.8	18.4	10,000
Dentist per 10,000 population	4.1	4.1	3.7	2.7	2.4	10,000
Nurse per 10,000 population	55.0	52.9	49.5	45.8	44.4	10,000
Beds per 10,000 population	27.4	28.1	27.0	27.6	28.6	10,000
Primary Health Care Units and Centers per 10,000 population	0.3	0.3	0.3	0.3	0.3	10,000
Nurse per doctor	2.0	1.9	2.2	2.4	2.4	

\* Source : Ministry of Finance .

**Table 1.3**  
**2006 - 2002 ( - )**  
**Health Resources by Health Sector ( Government-Private ) 2002 - 2006**

<i>Description</i>		<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>
<b>Physicians</b>	Government	1,215	1,167	1,086	1,021	995
	Private	833	806	496	274	244
	<b>Total</b>	<b>2,048</b>	<b>1,973</b>	<b>1,582</b>	<b>1,295</b>	<b>1,239</b>
<b>Dentists</b>	Government	118	111	103	100	96
	Private	187	184	157	86	67
	<b>Total</b>	<b>305</b>	<b>295</b>	<b>260</b>	<b>186</b>	<b>163</b>
<b>Nurses</b>	Government	3,144	2,910	2,798	2,661	2,546
	Private	943	925	704	495	428
	<b>Total</b>	<b>4,087</b>	<b>3,835</b>	<b>3,502</b>	<b>3,156</b>	<b>2,974</b>
<b>Allied Health</b>	Government	1,122	1,108	1,069	895	750
	Private	456	435	402	115	144
	<b>Total</b>	<b>1,578</b>	<b>1,543</b>	<b>1,471</b>	<b>1,010</b>	<b>894</b>
<b>In-Patients</b>	Government	81,360	84,167	78,356	77,710	76,624
	Private	15,580	14,094	10,863	8,387	6,838
	<b>Total</b>	<b>96,940</b>	<b>98,261</b>	<b>89,219</b>	<b>86,097</b>	<b>83,462</b>
<b>Out-Patients *</b>	Government	4,166,881	3,936,021	3,843,790	3,758,354	3,668,347
	Private	594,071	510,129	483,786	420,463	341,478
	<b>Total</b>	<b>4,760,952</b>	<b>4,446,150</b>	<b>4,327,576</b>	<b>4,178,817</b>	<b>4,009,825</b>

\* The data for all the years were reviewed and modified .

\*

(Cont'd) Table 1.3 (تابع) جدول  
 2006 - 2002 ( - )  
 Health Resources by Health Sector ( Government-Private ) 2002 - 2006

Description	2006	2005	2004	2003	2002	
<b>Hospitals</b>						
Government	9	9	9	9	9	
Private	11	9	6	6	6	
<b>Total</b>	<b>20</b>	<b>18</b>	<b>15</b>	<b>15</b>	<b>15</b>	
<b>Beds</b>						
Government	1,714	1,741	1,694	1,691	1,680	
Private	323	292	215	213	244	
<b>Total</b>	<b>2,037</b>	<b>2,033</b>	<b>1,909</b>	<b>1,904</b>	<b>1,924</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>139.3</b>	<b>126.6</b>	<b>108.9</b>	<b>100.9</b>	<b>90.0</b>	
Ministry of Health	118.0	103.1	88.4	80.6	71.2	
Military Hospital	21.3	23.5	20.5	20.3	18.8	
<b>Private</b>	...	<b>45.4</b>	<b>34.4</b>	<b>26.9</b>	<b>22.4</b>	

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

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

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**Table 1.4**  
**2006**  
**Health Care Resources 2006**

<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	3,572,286	56,498	1,359	3,815	172	902	2,391	103	972	
Military Hospital *	446,760	24,862	355	811	37	189	714	11	215	*
Directorate of Health & Social Affairs	147,835	NA	NA	100	9	31	39	4	14	
<b>Total</b>	<b>4,166,881</b>	<b>81,360</b>	<b>1,714</b>	<b>4,726</b>	<b>218</b>	<b>1,122</b>	<b>3,144</b>	<b>118</b>	<b>1,215</b>	
<b>Private Hospitals</b>										
International Hospital of Bahrain	88,191	3,589	57	3	6	30	58	5	62	
American Mission Hospital	163,251	2,150	40	94	11	48	105	12	53	
Awali Hospital	38,500	836	28	16	4	16	62	2	16	
Gulf Dental Speciality Hospital	11,380	28	10	11	NA	3	13	9	NA	
Ibn Al-Nafees Hospital	66,740	2,878	18	43	NA	13	20	NA	16	
Bahrain Specialist Hospital	86,980	4,176	56	89	7	41	33	2	37	
Noor Specialist Hospital	NA	1,139	24	9	NA	NA	18	NA	17	
Dr. Tariq Hospital	16,526	710	25	15	1	1	26	NA	9	
Urology and Plastic Surgery Hospital	596	54	11	6	1	4	4	NA	2	
Al-Hilal Hospital	12,345	10	48	37	2	7	25	2	18	
Al-Baraka Fertility Hospital	979	10	6	5		1	5	NA	2	
<b>Private Clinics *</b>	...	NA	NA	...	360	268	526	154	585	*
<b>Gulf Diabetes Specialist Center (Joslin)</b>	8,367	NA	NA	16	5	9	8	NA	3	( )
<b>Private Company Clinics</b>										
Aluminium Bahrain (ALBA)	34,390	NA	NA	3	1	10	11	NA	4	( )
Arabian Shipping & Repairing Yard (ASRY)	12,431	NA	NA	1	NA	1	13	NA	2	( )
Gulf Air	46,000	NA	NA	...	1	4	9	1	5	
Gulf Aluminium Rolling Mill Co. (GARMCO)	2,595	NA	NA	1	NA	NA	4	NA	1	( )
Gulf Petrochemical Industries Co. (GPIC)	4,800	NA	NA	1	NA	NA	3	NA	1	
<b>Total</b>	<b>594,071</b>	<b>15,580</b>	<b>323</b>	<b>350</b>	<b>399</b>	<b>456</b>	<b>943</b>	<b>187</b>	<b>833</b>	
<b>Grand Total</b>	<b>4,760,952</b>	<b>96,940</b>	<b>2,037</b>	<b>5,076</b>	<b>617</b>	<b>1,578</b>	<b>4,087</b>	<b>305</b>	<b>2,048</b>	

\* Refer to conventions used in the report.

Note : Physicians total in Government sector include 14 physicians working at Arabian Gulf University.

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**Table 1.5**  
**2006**  
**Selected Health Care Resources at Ministry of Health 2006**

<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>3,049,682</b>	<b>NA</b>	<b>NA</b>	<b>427</b>	<b>296</b>	<b>62</b>	<b>282</b>	<b>31,007,284</b>
Public Health Directorate	NA	NA	NA	29	6	NA	6	4,524,850
Health Centers Administration	NA	NA	NA	9	4	3	11	1,688,424
Health Centers	3,049,682	NA	NA	389	286	59	265	24,794,010
Health Region I								
Muharraq	330,363	NA	NA	30	28	2	25	1,947,326
Sh.Salman	113,242	NA	NA	12	12	3	11	1,072,433
National Bank of Bahrain - Arad	121,559	NA	NA	22	12	2	13	1,273,673
National Bank of Bahrain - Dair	71,710	NA	NA	3	13	3	10	716,009
Bahrain Int'l. Airport Clinic	...	NA	NA	-	6	-	6	184,559
Total Region I	636,874	NA	NA	67	71	10	65	5,194,000
Health Region II								
Naim	296,097	NA	NA	61	21	11	18	2,700,810
Ibn Sinna	45,748	NA	NA	14	9	3	5	719,175
Sh.Sabah Al Salem	62,182	NA	NA	9	11	2	6	799,287
Hooraa	41,391	NA	NA	6	10	1	5	593,924
Al Razi (Workers H.C.)	121,892	NA	NA	15	7	1	16	1,100,352 ( )
Total Region II	567,310	NA	NA	105	58	18	50	5,913,548
Health Region III								
Isa Town	377,661	NA	NA	39	18	2	27	2,330,773
Jidhafs	188,093	NA	NA	18	15	2	15	1,347,157
Budaiya	149,147	NA	NA	14	15	1	13	1,133,346
Bilad Al Kadeem	76,684	NA	NA	8	9	1	6	696,938
A' Ali	115,301	NA	NA	13	11	5	11	998,811
Total Region III	906,886	NA	NA	92	68	11	72	6,507,025



(تابع) جدول 1.5 (Cont'd) Table 1.5

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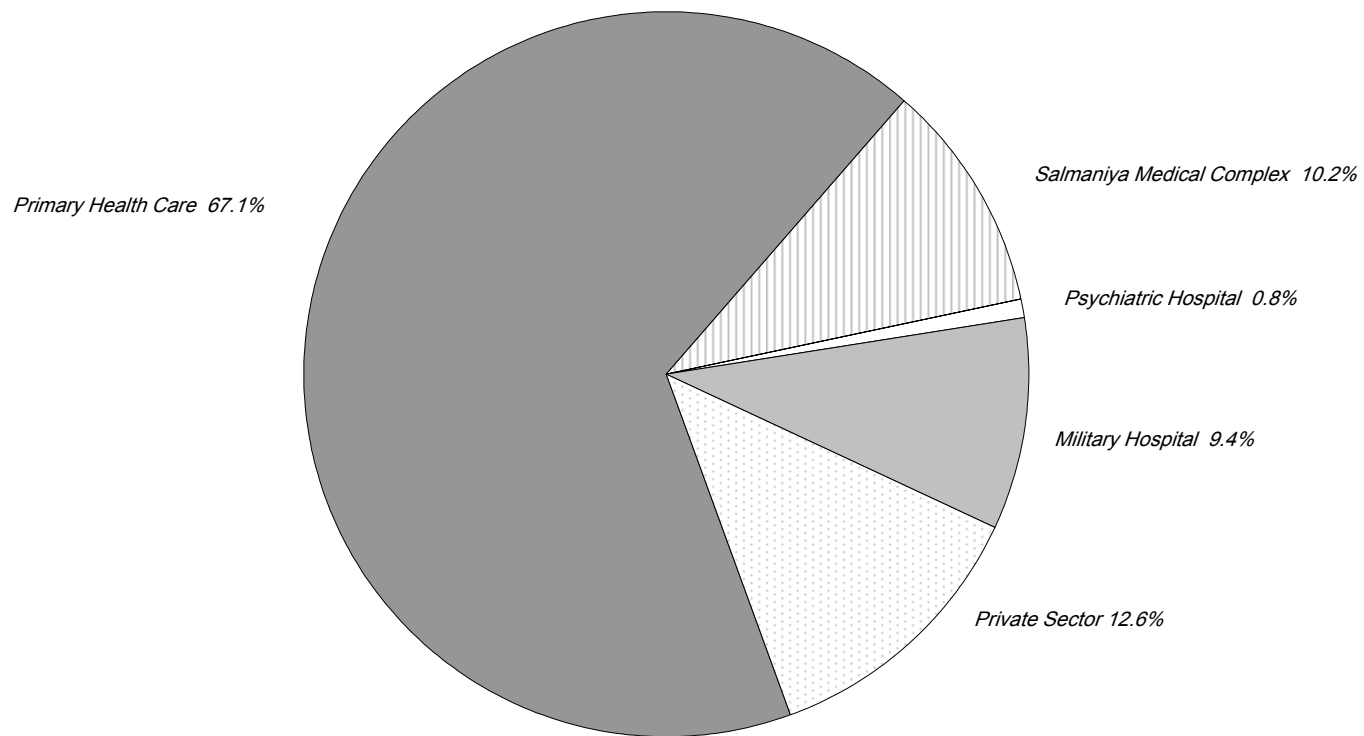
## Selected Health Care Resources at Ministry of Health 2006

Institution	Out-Patients	* In-Patients *	* Beds *	Medical & Para-Medical Manpower				* ( . ) Cost * (B.D.)	
				Allied Health	Nurses	Dentists	Physicians		
Health Region IV									
Hamad Town	120,586	NA	NA	14	13	3	10	995,891	
Sitra	257,986	NA	NA	39	19	6	17	1,665,064	
Hamad Kanoo	119,318	NA	NA	33	11	2	12	1,532,005	
East Riffa	101,879	NA	NA	14	14	2	11	1,094,169	
Kuwait	94,095	NA	NA	14	13	1	9	1,018,213	
Mohammed Bin Jassim Kanoo	234,872	NA	NA	11	17	6	19	874,095	
Jaw & Asker Clinic *	3,775	NA	NA	-	2	-	...	... *	
Zallaq Clinic *	6,101	NA	NA	-	...	-	...	... *	
Total Region IV	938,612	NA	NA	125	89	20	78	7,179,437	
<b>School Health Program</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1</b>	<b>53</b>	<b>NA</b>	<b>NA</b>	<b>...</b>	
<b>Secondary Health Care (Hospitals)</b>	<b>522,604</b>	<b>56,498</b>	<b>1,359</b>	<b>436</b>	<b>2,018</b>	<b>6</b>	<b>608</b>	<b>74,214,911</b>	( ) *
Salmaniya Medical Complex *	484,362	48,377	891	414	1,624	6	566	64,332,796	
Psychiatric Hospital	38,242	1,195	214	10	181	NA	42	5,267,220	
Geriatric Hospital & Long Stay Wards*	NA	130	130	-	83	NA	-	943,454	*
Maternity Hospitals	NA	6,796	124	12	130	NA	...	3,671,441	
Jidhafs Hospital	NA	5,039	80	7	79	NA	...	1,757,320	
Muharraq Hospital	NA	1,717	38	5	37	NA	...	1,545,242	
Sitra Hospital	NA	22	2	...	6	NA	...	147,036	
West Region Hospital	NA	10	2	...	4	NA	...	121,482	
Riffa Hospital	NA	8	2	...	4	NA	...	100,361	
	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>4</b>	<b>...</b>	
<b>Training Directorate</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1</b>	<b>20</b>	<b>35</b>	<b>68</b>	<b>...</b>	
<b>Overseas Treatment</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>2,121,867</b>	
<b>Medical Review</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>1</b>	<b>NA</b>	<b>3</b>	<b>130,291</b>	
<b>College of Health Sciences</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>5</b>	<b>NA</b>	<b>NA</b>	<b>1</b>	<b>1,774,711</b>	
<b>Licensing and Registration</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>2</b>	<b>NA</b>	<b>4</b>	<b>291,190</b>	
<b>Directorate of Pharmacy</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>16</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>313,072</b>	
<b>Others</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>16</b>	<b>1</b>	<b>NA</b>	<b>2</b>	<b>...</b>	
<b>Total</b>	<b>3,572,286</b>	<b>56,498</b>	<b>1,359</b>	<b>902</b>	<b>2,391</b>	<b>103</b>	<b>972</b>	<b>...</b>	

\* Refer to conventions used in the report.

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**Figure 1.1**  
**2006**  
**Out-Patient Visits by Health Institutions 2006**



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**  
**2006 - 2002**  
**Coverage with Primary Health Care 2002 - 2006**

<i>Description</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</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)	83.2	89.3	NA	NA	NA	
DPT (Diphtheria, Tetanus, Pertussis)	98.4	98.2	97.7	97.3	98	( )
OPV (Oral Polio)	98.4	98.1	97.7	97.3	98	
<b>Children of age 1 year *</b>						* 1
MMR1 (Mumps, Measles, Rubella)	100	100	98.8	100	100	( )
<b>Children of age 6 years *</b>						* 6
MMR2 (Mumps, Measles, Rubella)	99	99.1	100	99.5	97	( )
Hepatitis B (HB)	98	98	98	98	98	( )
Pregnant women given 2 doses or more of tetanus toxoid *	44.3	48.5	49.3	55.5	58.5	*
Pregnant women attended by trained personnel	100	100	97.7	99	99	
Women delivered by trained personnel	99.4	99.4	99.2	99.3	99	
Infants attended by trained personnel	98.7	98.5	98.2	98.4	98	

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

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

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**Table 1.7**  
**2006 - 2002**  
**Vital Statistics Reported Data 2002 - 2006**

<i>Indicator</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>	
Crude birth rate/1000 population	20.2	20.9	21.1	21.1	20.1	1000
Still birth rate/1000 births	6.2	7.4	8.2	7.2	9.8	1000
Premature birth rate/1000 live births	102.6	98.5	108.4	111.5	86.1	1000
Sex ratio at birth : Male / (per 100 Female)	102.6	103.8	100.5	101.6	106.4	( 100 ) / :
Mean of life expectancy at birth	74.8	74.8	73.8	73.8	73.8	
Perinatal mortality rate/1000 births	8.5	10.2	11.8	10.3	11.9	1000
Neonatal mortality rate/1000 live births	3.7	5.0	5.7	5.0	3.8	1000
Postneonatal mortality rate/1000 live births	3.9	3.8	3.4	2.3	3.2	1000
Infant mortality rate/1000 live births	7.6	8.9	9.1	7.3	7.0	1000
Under 5 yrs mortality/1000 live births	10.1	10.9	10.8	9.5	8.9	1000 5
Under 5 yrs mortality/1000 child<5yrs old	2.4	2.7	2.6	2.2	1.9	5 5
Maternal mortality rate/100,000 live births	13.3	6.6	20.1	20.6	22.2	100,000
Crude death rate/1000 population	3.1	3.1	3.1	3.1	3.0	1000

Note: a) All data excluding abroad births.

b) Deaths include some visitors .

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**Table 1.8**  
**2006 - 2002**  
**Registered Vital Statistics and Demographic Indicators 2002 - 2006**

<i>Indicator</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>	<i>Nationality</i>	
Population	459,012	448,491	438,209	427,955	417,940	Bah	
	283,549	276,154	268,951	261,463	254,183	Non-Bah	
	<b>742,562</b>	<b>724,645</b>	<b>707,160</b>	<b>689,418</b>	<b>672,123</b>	<b>Total</b>	
Live births by Father's Nationality	11,707	11,987	11,705	11,317	10,539	Bah	
	3,346	3,211	3,263	3,243	3,037	Non-Bah	
	<b>15,053</b>	<b>15,198</b>	<b>14,968</b>	<b>14,560</b>	<b>13,576</b>	<b>Total</b>	
Deaths (reported)	1,805	1,805	1,802	1,738	1,672	Bah	(      )
	512	417	413	376	363	Non-Bah	
	<b>2,317</b>	<b>2,222</b>	<b>2,215</b>	<b>2,114</b>	<b>2,035</b>	<b>Total</b>	
Natural population increment	9,902	10,182	9,903	9,579	8,867	Bah	
	2,834	2,794	2,850	2,867	2,674	Non-Bah	
	<b>12,736</b>	<b>12,976</b>	<b>12,753</b>	<b>12,446</b>	<b>11,541</b>	<b>Total</b>	
Natural population increment rate per 1000 Population	21.6	22.7	22.6	22.4	21.2	Bah	1000
	10.0	10.1	10.6	11.0	10.5	Non-Bah	
	<b>17.2</b>	<b>17.9</b>	<b>18.0</b>	<b>18.1</b>	<b>17.2</b>	<b>Total</b>	

(تابع) جدول 1.8 (Cont'd) Table 1.8  
 2006 - 2002  
 Registered Vital Statistics and Demographic Indicators 2002 - 2006

<i>Indicator</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>	<i>Nationality</i>	
Crude birth rate per 1000 population	25.5	26.7	26.7	26.4	25.2	Bah	1000
	11.8	11.6	12.1	12.4	11.9	Non-Bah	
	<b>20.3</b>	<b>21.0</b>	<b>21.2</b>	<b>21.1</b>	<b>20.2</b>	<b>Total</b>	
Crude death rate per 1000 population	3.9	4.0	4.1	4.1	4.0	Bah	1000
	1.8	1.5	1.5	1.4	1.4	Non-Bah	
	<b>3.1</b>	<b>3.1</b>	<b>3.1</b>	<b>3.1</b>	<b>3.0</b>	<b>Total</b>	
General fertility rate ( Female 15-49 )	86.6	90.7	91.0	89.5	86.8	Bah	( 49-15 )
	68.2	68.4	70.9	73.1	71.9	Non-Bah	
	<b>80.2</b>	<b>82.9</b>	<b>84.0</b>	<b>83.8</b>	<b>81.6</b>	<b>Total</b>	
Total fertility rate per women ( Female 15-49 )	3.0	3.1	3.1	3.1	3.0	Bah	( 49-15 )
	2.0	2.0	2.2	2.2	2.2	Non-Bah	
	<b>2.5</b>	<b>2.6</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	8.9	9.1	8.0	7.1	Bah	1000
	9.0	8.4	10.4	4.9	6.3	Non-Bah	
	<b>7.6</b>	<b>8.8</b>	<b>9.4</b>	<b>7.3</b>	<b>6.9</b>	<b>Total</b>	
Sex ratio at birth (Male : 100 Female)	104	105	100	100	105	Bah	( 100 : )
	102	103	100	104	106	Non-Bah	
	<b>103</b>	<b>105</b>	<b>100</b>	<b>101</b>	<b>105</b>	<b>Total</b>	

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

**Table 1.9**  
**2006 - 2002 ( )**  
**Selected Morbidity Indicators (Reported Communicable Diseases) 2002 - 2006**

<i>Disease</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>		<i>ICD-10 Code</i>
Cholera	2	-	-	-	-		A00
Malaria (P.falciparum)	11	11	3	32	15		B50
Malaria (P.vivax)	57	57	81	55	30		B51
Malaria Mixed	2	3	1	NA	NA		B52
Poliomyelitis	-	-	-	-	-		A80
Measles	3	4	11	12	8		B05
Pulmonary TB *	170	171	126	132	128	*	A15-A16
Diphtheria	-	-	-	-	-	( )	A36
Non-neonatal tetanus	-	-	-	1	-		A34-A35
Neonatal tetanus	-	-	-	-	-		A33
AIDS	3	10	5	11	17		B20-B24
Meningococcal meningitis	-	-	-	-	-		A39.0
Other and unspecified predominantly sexually transmitted diseases not elsewhere classified	149	433	458	...	...		A63-A64

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

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(Cont'd) Table 1.10 ( )  
2006 - 2002  
Health For All Indicators 2002 - 2006

2006	2005	2004	2003	2002	Indicators
					: Immunization coverage against :
98.4	98.2	97.7	97.3	98.0	DPT (Diphtheria, Tetanus, Pertussis)
100	100	99.0	100	99.9	(MMR1) Mumps, Measles, Rubella ( ) 1
99.0	99.1	100	99.5	97.0	(MMR2) Mumps, Measles, Rubella ( ) 1
98.4	98.1	97.7	97.3	98.0	Poliomyelities
83.2	89.3	...	...	...	BCG (1) لقاح البلي 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	99.2	99.3	99	Deliveries
98.7	98.5	98.2	98.4	98	Infants
53.4 (3)	...	...	...	...	(49 - 15) The percentage of women of childbearing age (15 - 49) using family planning
92.1	92.2	91.8	90.0	90.4	( ) 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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(Cont'd) Table 1.10 ( )  
2005 - 2002  
Health For All Indicators 2002 - 2006

2006	2005	2004	2003	2002	Indicators
7.6	8.9	9.1	7.3	7.0	معدل وفيات الأطفال الرضع لكل 1000 مولود حي The infant mortality rate per 1000 live births
13.3	6.6	20.1	20.6	22.2	100,000 The maternal mortality rate per 100,000 live births (MMR)
10.1	10.9	10.8	9.5	8.9	5 1000 Probability of dying before the age of 5 years per 1000 child <5 years old
2.4	2.7	2.6	2.2	1.9	100,000 Probability of dying before the age of 5 years per 1000 live birth
73.1	73.1	72.1	72.1	72.1	- Life expectancy at birth by sex, in all identifiable subgroups
77.3	77.3	76.3	76.3	76.3	Male
74.8	74.8	73.8	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	12,569	( 0.376 ) Financial Resources Indicators (US\$) US \$ = 0.376 B.D.
...	17,895	14,999	13,353	11,788	Gross Domestic Product (GDP) per Capita <sup>(2)</sup> (2)
...	16,207	13,415	11,784	10,491	Gross National Disposable Income (GNP) per Capita <sup>(2)</sup> (2)
...	631.3	538.9	493.0	444.8	Gross National Disposable Income (GNDI) per Capita <sup>(2)</sup> (2)
422.6	378.5	332.4	310.9	281.6	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**  
**2006 - 2002**  
**Millennium Development Goals Related to Health 2002 - 2006**

<b>2006</b>	<b>2005</b>	<b>2004</b>	<b>2003</b>	<b>2002</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	
10.1	10.9	10.8	9.5	8.9	1000 Under-five mortality rate per 1000 live births	<b>Reduce child mortality</b>
7.6	8.9	9.1	7.3	7.0	1000 The infant mortality rate per 1000 live births	
100	100	98.8	100	100	Proportion of one year old children immunized against measles (MMR1)	
13.3	6.6	20.1	20.6	22.2	100,000 Maternal mortality rate per 100,000 live births	<b>Improve maternal health</b>
99.4	99.4	99.2	99.3	99.0	Proportion of births attended by skilled health personnel	

<sup>1</sup> Breastfeeding Patterns & Practices in the Kingdom of Bahrain, 2000.

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

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(Cont'd) Table 1.11 ( )  
2006 - 2002  
Millennium Development Goals Related to Health 2002 - 2006

2006	2005	2004	2003	2002	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	
9.4 0.1	9.8 0.1	12.0 -	12.6 -	6.7 -	100,000 Prevalence and death rates associated with malaria, Rate per 100,000 population Prevalence - Death	
-	-	-	-	-	Proportion of population in malaria-risk areas using effective malaria prevention and treatment measures	
22.9 0.3	23.6 0.8	17.8 1.1	19.1 0.3	19.0 ...	2 100,000 Prevalence and death rates associated with Tuberculosis <sup>2</sup> Rate per 100,000 population Prevalence Death	
12	9	15	15	20	3 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 ( )  
 2006 - 2006  
 Millennium Development Goals Related to Health 2002 - 2006

2006	2005	2004	2003	2002	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