

# Contents

Bed Utilization 2002 - 2006	Table 12.1, page 3
Beds Distribution 2002 - 2006	Table 12.2, page 4
Discharges (Alive and Dead) by Department 2006	Table 12.3, page 5
Out-Patient Visits by Department, Nationality and Sex 2006	Table 12.4, page 6
Medical & Allied Health Manpower by Category, Nationality and Sex 2006	Table 12.5, page 7
Births by Nationality and Type of Delivery 2006	Table 12.6, page 8
Major and Minor Operations 2006	Table 12.7, page 9
Pre and Post Operation Days by Discharged Department 2002 - 2006	Table 12.8, page 10
Dental Treatment by Type of Treatment, Nationality and Sex 2006	Table 12.9, page 11
Immunization by Type of Vaccine, Age Groups and Nationality 2006	Table 12.10, page 12
Laboratory Tests 2002 - 2006	Table 12.11, page 13
Radiology Procedures 2002 - 2006	Table 12.12, page 13
Deaths by Cause of Death, Length of Stay, Nationality and Sex 2006	Table 12.13, page 14

# المحتويات

2006 - 2002
2006 - 2002
2006 ( )
2006
2006
2006
2006 - 2002
2006
2006
2006 - 2002
2006 - 2002
2006

**Table 12.1**  
**2006 - 2002**  
**Bed Utilization 2002 - 2006**

<i>Description</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>
Total admissions	2,150	2,293	1,841	1,803	2,152
Total discharges	2,139	2,289	1,824	1,654	2,138
Number of beds	40	40	40	40	40
Bed days available	14,600	14,600	14,640	14,600	14,600
Patient days-overnight	4,346	4,622	4,606	4,578	5,181
Patients days < 1 day	421	547	281	284	433
Total patients days	4,767	5,169	4,887	4,862	5,614
Bed occupancy rate	32.7	35.4	33.4	33.3	38.5
Turnover rate	53.5	57.2	45.6	41.4	53.5
Turnover interval	4.6	4.1	5.3	5.9	4.2
Average daily admission	5.9	6.3	5.0	4.9	5.9
Average daily discharge	5.9	6.3	5.0	4.5	5.8
Average length of stay	2.2	2.3	2.7	2.9	2.6

**Table 12.2**  
**2006 - 2002**  
**Beds Distribution 2002 - 2006**

<i>Service</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>	
Private Ward (VIP)	3	3	3	3	3	
Medical / Surgical	21	21	21	21	21	/
Obstetrics / Gynecology	16	16	16	16	16	
<b>Total</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	

**Table 12.3**  
**2006 ( )**  
**Discharges (Alive and Dead) by Department 2006**

<i>Department</i>	<i>Total</i>		<i>Dead</i>		<i>Alive</i>	
	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>
Medical	9.4	201	80.0	4	9.2	197
E.N.T	8.2	176	-	-	8.2	176
Obstetrics/Gynecology	42.5	910	-	-	42.6	910
Surgery	24.5	524	-	-	24.6	524
Paediatric	15.2	325	20.0	1	15.2	324
Ophthalmology	0.1	3	-	-	0.1	3
<b>Total</b>	<b>100.0</b>	<b>2,139</b>	<b>100.0</b>	<b>5</b>	<b>100.0</b>	<b>2,134</b>

**Table 12.4**  
**2006**  
**Out-Patient Visits by Department, Nationality and Sex 2006**

<i>Department</i>	<i>Total</i>			<i>Non-Bahraini</i>			<i>Bahraini</i>		
	<i>Total</i>	<i>Female</i>	<i>Male</i>	<i>Total</i>	<i>Female</i>	<i>Male</i>	<i>Total</i>	<i>Female</i>	<i>Male</i>
A & E Clinic	<b>20,080</b>	10,803	9,277	<b>12,288</b>	6,224	6,064	<b>7,792</b>	4,579	3,213
General Practice	<b>24,001</b>	4,411	19,590	<b>16,217</b>	3,034	13,183	<b>7,784</b>	1,377	6,407
Dental	<b>15,359</b>	8,115	7,244	<b>10,213</b>	5,246	4,967	<b>5,146</b>	2,869	2,277
Medical	<b>33,316</b>	17,924	15,392	<b>20,389</b>	10,328	10,061	<b>12,927</b>	7,596	5,331
Obstetrics & Gynecology	<b>18,968</b>	18,968	-	<b>11,700</b>	11,700	-	<b>7,268</b>	7,268	-
Paediatrics	<b>20,176</b>	10,855	9,321	<b>12,348</b>	6,255	6,093	<b>7,828</b>	4,600	3,228
Surgical	<b>5,900</b>	3,174	2,726	<b>3,611</b>	1,829	1,782	<b>2,289</b>	1,345	944
Orthopedics	<b>8,350</b>	4,492	3,858	<b>5,110</b>	2,588	2,522	<b>3,240</b>	1,904	1,336
E.N.T.	<b>9,090</b>	4,891	4,199	<b>5,563</b>	2,818	2,745	<b>3,527</b>	2,073	1,454
Dermatology	<b>5,399</b>	2,905	2,494	<b>3,304</b>	1,674	1,630	<b>2,095</b>	1,231	864
Psychiatric	<b>104</b>	56	48	<b>63</b>	32	31	<b>41</b>	24	17
Ophthalmology	<b>2,508</b>	1,350	1,158	<b>1,535</b>	778	757	<b>973</b>	572	401
<b>Total</b>	<b>163,251</b>	<b>87,944</b>	<b>75,307</b>	<b>102,341</b>	<b>52,506</b>	<b>49,835</b>	<b>60,910</b>	<b>35,438</b>	<b>25,472</b>

جدول 12.5  
القوى العاملة بالمهن الطبية والمساعدة حسب الفئة و الجنسية و النوع 2006  
Medical and Allied Health Manpower by Category, Nationality and Sex 2006

Category	Total			Non-Bahraini			Bahraini		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
Physicians	53	26	27	50	24	26	3	2	1
Dentists	12	6	6	6	4	2	6	2	4
Nurses *	105	99	6	102	96	6	3	3	-
Practical Nurses	3	3	-	-	-	-	3	3	-
Pharmacists & Technicians	11	5	6	11	5	6	-	-	-
Dental Hygienists & Technicians	14	12	2	8	7	1	6	5	1
Laboratory Technologists & Technicians	13	7	6	10	5	5	3	2	1
Radiographers and Technicians	7	6	1	5	5	-	2	1	1
Physiotherapists, Occupational Therapists & Technicians	2	2	-	2	2	-	-	-	-
Electro Cardiogram technician	1	1	-	1	1	-	-	-	-

\* Nurses excluding practical nurses and other grades below staff nurse .

**Table 12.6**  
**2006**  
**Births by Nationality and Type of Delivery 2006**

<i>Births</i>	<i>Total Births</i>	<i>Still Births</i>	<i>Total Live Births</i>	<i>Live Births</i>				<i>/</i>
				<i>Premature</i>		<i>Full Term</i>		
				<i>Congenital Abnormalities</i>	<i>Normal</i>	<i>Congenital Abnormalities</i>	<i>Normal</i>	
<i>Nationality / type of delivery</i>								
<b>Bahraini</b>								
Normal Delivery								
Vertex	100	-	100	-	2	3	95	
Breech	-	-	-	-	-	-	-	
Assisted Delivery								
Vacuum	13	-	13	-	-	-	13	
Forceps	9	-	9	-	-	-	9	
Caesarian section	76	-	76	-	1	1	74	
<b>Total Bahraini</b>	<b>198</b>	<b>-</b>	<b>198</b>	<b>-</b>	<b>3</b>	<b>4</b>	<b>191</b>	
<b>Non-Bahraini</b>								
Normal Delivery								
Vertex	115	1	114	-	2	2	110	
Breech	-	-	-	-	-	-	-	
Assisted Delivery								
Vacuum	14	-	14	-	1	1	12	
Forceps	11	-	11	-	-	-	11	
Caesarian section	86	-	86	-	1	1	84	
<b>Total Non-Bahraini</b>	<b>226</b>	<b>1</b>	<b>225</b>	<b>-</b>	<b>4</b>	<b>4</b>	<b>217</b>	
<b>Grand Total</b>	<b>424</b>	<b>1</b>	<b>423</b>	<b>-</b>	<b>7</b>	<b>8</b>	<b>408</b>	

**Table 12.7**  
**2006**  
**Major and Minor Operations 2006**

<i>Department</i>	<i>Procedure Type</i>		
	<i>Total</i>	<i>Minor</i>	<i>Major</i>
General Surgery	<b>1,294</b>	1,188	106
Orthopedics & Fracture	<b>111</b>	58	53
Plastic Surgery	<b>17</b>	6	11
Paediatrics	<b>-</b>	-	-
Ear, Nose & Throat	<b>172</b>	32	140
Ophthalmology	<b>15</b>	3	12
Gynecology	<b>265</b>	173	92
Obstetrics	<b>149</b>	4	145
Dental	<b>34</b>	6	28
Endoscopies	<b>43</b>	43	-
Others	<b>14</b>	14	-
<b>Total</b>	<b>2,114</b>	<b>1,527</b>	<b>587</b>

جدول 12.8  
 أيام المراجعة قبل وبعد الإجراء الجراحي حسب القسم العلاجي عند الخروج 2002 - 2006  
 Pre and Post Operation Days by Discharged Department 2002 - 2006

<i>Department</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>	<i>القسم</i>
Medical	201	276	578	503	386	
Surgery	359	436	136	141	415	
Ophthalmology	3	1	20	-	-	
Ear, Nose & Throat	176	221	138	212	204	
Dental	25	35	-	-	-	
Paediatrics	325	300	195	244	381	
Orthopedics & Fracture	116	63	-	-	-	
Plastic Surgery & Burns	24	18	-	-	-	
Obstetrics/Gynecology	910	939	757	554	752	

**Table 12.9**  
**2006**  
**Dental Treatment by Type of Treatment, Nationality and Sex 2006**

<i>Type of Treatment</i>	<i>Total</i>			<i>Non-Bahraini</i>			<i>Bahraini</i>		
	<i>Total</i>	<i>Female</i>	<i>Male</i>	<i>Total</i>	<i>Female</i>	<i>Male</i>	<i>Total</i>	<i>Female</i>	<i>Male</i>
General treatment	<b>17,953</b>	9,110	8,843	<b>12,463</b>	6,087	6,376	<b>5,490</b>	3,023	2,467
Gum treatment	<b>5,705</b>	2,791	2,914	<b>3,820</b>	1,882	1,938	<b>1,885</b>	909	976
Nerve	<b>1,409</b>	701	708	<b>898</b>	455	443	<b>511</b>	246	265
Surgical treatment	<b>522</b>	255	267	<b>376</b>	165	211	<b>146</b>	90	56
Filling	<b>6,376</b>	3,377	2,999	<b>4,284</b>	2,231	2,053	<b>2,092</b>	1,146	946
Extraction	<b>1,750</b>	965	785	<b>1,067</b>	548	519	<b>683</b>	417	266
Denture	<b>138</b>	66	72	<b>114</b>	52	62	<b>24</b>	14	10
Orthodontics	<b>7,306</b>	4,129	3,177	<b>4,942</b>	2,764	2,178	<b>2,364</b>	1,365	999
<b>Total</b>	<b>41,159</b>	<b>21,394</b>	<b>19,765</b>	<b>27,964</b>	<b>14,184</b>	<b>13,780</b>	<b>13,195</b>	<b>7,210</b>	<b>5,985</b>

**Table 12.10**  
**2006**  
**Immunization by Type of Vaccine, Age Groups and Nationality 2006**

<i>Total</i>			<i>2 - 5 years</i>			<i>1 - 2 years</i>			<i>Below 1 year</i>			<i>Type of vaccine</i>
<i>Total</i>	<i>Non-Bahraini</i>	<i>Bahraini</i>	<i>Total</i>	<i>Non-Bahraini</i>	<i>Bahraini</i>	<i>Total</i>	<i>Non-Bahraini</i>	<i>Bahraini</i>	<i>Total</i>	<i>Non-Bahraini</i>	<i>Bahraini</i>	
												<b>Hepatitis B/DPT/HIB</b>
												( ) / ( ) /
<b>1043</b>	761	282	<b>35</b>	32	3	<b>4</b>	4	-	<b>1004</b>	725	279	Dose 1
<b>847</b>	644	203	<b>27</b>	19	8	<b>3</b>	3	-	<b>817</b>	622	195	Dose 2
<b>864</b>	707	157	<b>14</b>	14	-	<b>5</b>	5	-	<b>845</b>	688	157	Dose 3
<b>761</b>	629	132	<b>113</b>	82	31	<b>648</b>	547	101	<b>NA</b>	NA	NA	Booster 1 dose
<b>114</b>	99	15	<b>114</b>	99	15	-	-	-	<b>NA</b>	NA	NA	Booster 2 dose
												<b>Poliomyelitis</b>
<b>365</b>	265	100	<b>3</b>	3	-	<b>2</b>	2	-	<b>360</b>	260	100	Dose 1
<b>89</b>	13	76	<b>10</b>	8	2	<b>3</b>	3	-	<b>76</b>	2	74	Dose 2
<b>72</b>	13	59	<b>10</b>	9	1	<b>1</b>	1	-	<b>61</b>	3	58	Dose 3
<b>320</b>	264	56	<b>64</b>	48	16	<b>256</b>	216	40	<b>NA</b>	NA	NA	Booster 1 dose
<b>161</b>	134	27	<b>160</b>	133	27	<b>1</b>	1	-	<b>NA</b>	NA	NA	Booster 2 dose
												<b>Mumps, Measles, Rubella</b>
<b>370</b>	318	52	<b>46</b>	42	4	<b>322</b>	275	47	<b>2</b>	1	1	Dose 1
<b>286</b>	259	27	<b>276</b>	249	27	<b>10</b>	10	-	<b>NA</b>	NA	NA	Dose 2

NA - Not Applicable.

**Table 12.11**  
**2006 - 2002**  
**Laboratory Tests 2002 - 2006**

<i>Type of Test</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>
Clinical chemistry of blood	84,342	75,495	66,888	64,049	62,786
Microbiology	10,621	9,849	9,780	13,869	14,984
Serology & immunology	20,450	19,634	18,685	24,645	26,523
Mycology & parasitology	8,960	8,233	7,268	8,961	10,781
Hematology	83,055	76,456	74,927	23,204	24,197
Other laboratories tests	3,654	3,848	3,149	3,093	53,568
<b>Total</b>	<b>211,082</b>	<b>193,515</b>	<b>180,697</b>	<b>137,821</b>	<b>192,839</b>

**Table 12.12 جدول**  
**إجراءات الأشعة 2002 - 2006**  
**Radiology Procedures 2002 - 2006**

<i>Type of Procedure</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>2003</i>	<i>2002</i>
Plain & general radiography	13,949	13,733	13,319	14,032	14,451
Radiography with contrast media	106	197	214	283	306
<b>Total</b>	<b>14,055</b>	<b>13,930</b>	<b>13,533</b>	<b>14,315</b>	<b>14,757</b>

Table 12.13  
2006  
Deaths by Cause of Death, Length of Stay, Nationality and Sex 2006

<i>Total</i>			<i>48 hrs &amp; over</i>			<i>Less than 48 hrs</i>			<i>Sex</i>		<i>ICD-10 Code</i>
<i>Total</i>	<i>Non-Bah</i>	<i>Bah</i>	<i>Total</i>	<i>Non-Bah</i>	<i>Bah</i>	<i>Total</i>	<i>Non-Bah</i>	<i>Bah</i>			
1	-	1	1	-	1	-	-	-	Male	Neoplasms	C00-D48
1	-	1	1	-	1	-	-	-	Female		
2	-	2	2	-	2	-	-	-	Total		
1	-	1	1	-	1	-	-	-	Male	Disease of the circulatory system	I00-I99
-	-	-	-	-	-	-	-	-	Female		
1	-	1	1	-	1	-	-	-	Total		
1	-	1	1	-	1	-	-	-	Male	Disease of the respiratory system	J00-J99
-	-	-	-	-	-	-	-	-	Female		
1	-	1	1	-	1	-	-	-	Total		
-	-	-	-	-	-	-	-	-	Male	Certain condition originating in perinatal period	P00-P96
1	1	-	-	-	-	1	1	-	Female		
1	1	-	-	-	-	1	1	-	Total		
3	-	3	3	-	3	-	-	-	Male	<b>Total</b>	
2	1	1	1	-	1	1	1	-	Female		
5	1	4	4	-	4	1	1	-	Total		