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**Table 10.1**  
**2008 - 2004**  
**Beds by Ward 2004 - 2008**

<i>Ward</i>	<i>2008</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	
<b>Military Hospital</b>						
<b>Overnight Beds</b>	<b>234</b>	<b>234</b>	<b>230</b>	<b>238</b>	<b>238</b>	( 24)
VIP	5	5	7	7	7	
Officers	12	12	12	12	12	
Medical	44	38	38	40	40	
Orthopedics	26	26	20	26	26	
Paediatrics	26	26	26	26	26	
Obstetrics & Gynaecology	51	57	57	57	56	/
General Surgery / Urology	30	30	30	30	30	/
Intensive Care Unit (ICU)	8	8	8	8	7	
ENT / Ophthalmology / Dental	27	27	27	27	29	/ /
Private ward	5	5	5	5	5	
<b>Short Stay Beds</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>32</b>	
Day Case Unit	16	16	16	16	16	
Kidney Dialysis	16	16	16	16	16	
<b>Sub-Total</b>	<b>266</b>	<b>266</b>	<b>262</b>	<b>270</b>	<b>270</b>	
<b>Shaikh Mohammed Bin Salman Al-Khalifa Cardiac Center</b>						
Cardiac Intensive Care Unit	4	4	4	4	4	
Cardiac Care Unit	12	12	12	12	12	
Cardiac Ward	49	49	49	49	48	
Chest Pain Clinic	6	6	6	6	NA	
Amiri Suit	2	2	NA	NA	NA	
<b>Sub-Total</b>	<b>73</b>	<b>73</b>	<b>71</b>	<b>71</b>	<b>64</b>	
<b>Grand Total</b>	<b>339</b>	<b>339</b>	<b>333</b>	<b>341</b>	<b>334</b>	
<b>Other Beds</b>						
Accident & Emergency	16	16	16	16	12	
Recovery Ward	8	6	6	6	6	( )
Neonatal / Special Care Baby Unit	24	24	24	24	24	/

Note: Beds are distributed in this table by Wards.

**Table 10.2**  
**2008**  
**Bed Utilization 2008**

<i>SCBU</i>	<i>Total</i>	<i>Cardiac Surgical</i>	<i>Cardiac Medical</i>	<i>Dental</i>	<i>Ophthalmology</i>	<i>E.N.T.</i>	<i>Paediatrics</i>	<i>Obs. &amp; Gyne.</i>	<i>Orthopedic</i>	<i>Urology</i>	<i>Neurology</i>	<i>Surgery</i>	<i>Medical</i>	<i>Description</i>
502	<b>20,676</b>	317	2,877	67	205	1,447	1,865	6,726	1,548	945	353	1,872	2,454	Total admissions
514	<b>20,595</b>	294	2,861	67	199	1,443	1,861	6,721	1,543	941	356	1,871	2,438	Total discharges
24	<b>299</b>	13	45	1	2	10	27	68	18	13	9	28	65	No. of beds
8,784	<b>109,434</b>	4,758	16,470	366	732	3,660	9,882	24,888	6,588	4,758	3,294	10,248	23,790	Bed days available
7,205	<b>66,605</b>	3,147	10,272	82	475	1,544	6,533	14,960	4,187	2,472	1,976	5,658	15,299	Patient-days overnight
81	<b>7,255</b>	52	964	34	34	890	435	2,363	819	408	136	765	355	> Patient days < 1 day
7,286	<b>73,860</b>	3,199	11,236	116	509	2,434	6,968	17,323	5,006	2,880	2,112	6,423	15,654	Total Patient days
82.9	<b>67.5</b>	67.2	68.2	31.7	69.5	66.5	70.5	69.6	76.0	60.5	64.1	62.7	65.8	Bed occupancy rate

Note: Beds were distributed according to the need of each department, therefore it is different than the actual beds shown in table 10.1.

.10.1

(Cont'd) Table 10.2 ( )  
2008  
Bed Utilization 2008

<i>SCBU</i>	<i>Total</i>	<i>Cardiac Surgical</i>	<i>Cardiac Medical</i>	<i>Dental</i>	<i>Ophthalmology</i>	<i>E.N.T.</i>	<i>Paediatrics</i>	<i>Obs. &amp; Gyne.</i>	<i>Orthopedic</i>	<i>Urology</i>	<i>Neurology</i>	<i>Surgery</i>	<i>Medical</i>	<i>Description</i>
21.4	<b>68.9</b>	22.6	63.6	67.0	99.5	144.3	68.9	98.8	85.7	72.4	39.6	66.8	37.5	Turnover rate
2.9	<b>1.7</b>	5.3	1.8	3.7	1.1	0.8	1.6	1.1	1.0	2.0	3.3	2.0	3.3	Turnover interval
1.4	<b>56.5</b>	0.9	7.9	0.2	0.6	4.0	5.1	18.4	4.2	2.6	1.0	5.1	6.7	Average daily admission
1.4	<b>56.3</b>	0.8	7.8	0.2	0.5	3.9	5.1	18.4	4.2	2.6	1.0	5.1	6.7	Average daily discharge
14.2	<b>3.6</b>	10.9	3.9	1.7	2.6	1.7	3.7	2.6	3.2	3.1	5.9	3.4	6.4	Average length of stay

**Table 10.3**  
**2008**  
**Admissions and Discharges by Department and Month 2008**

<i>Department</i>															
<i>Month</i>	<i>SCBU</i>	<i>Total</i>	<i>Cardiac Surgical</i>	<i>Cardiac Medical</i>	<i>Dental</i>	<i>Ophthalmology</i>	<i>E.N.T.</i>	<i>Paediatrics</i>	<i>Obs. &amp; Gyne.</i>	<i>Orthopedic</i>	<i>Urology</i>	<i>Neurology</i>	<i>Surgery</i>	<i>Medical</i>	
January															
Admission	39	<b>1,805</b>	31	281	-	12	125	176	552	139	115	28	148	198	
Discharges	44	<b>1,714</b>	26	255	-	9	127	168	538	125	115	26	148	177	
February															
Admission	30	<b>1,811</b>	36	270	-	20	130	175	536	144	117	24	146	213	
Discharges	33	<b>1,734</b>	21	236	-	20	126	166	510	148	116	29	146	216	
March															
Admission	36	<b>1,960</b>	32	274	3	30	133	186	587	160	137	39	161	218	
Discharges	37	<b>1,935</b>	24	262	3	27	129	196	581	149	135	34	162	233	
April															
Admission	50	<b>1,887</b>	33	283	1	20	138	167	602	136	88	27	163	229	
Discharges	45	<b>1,786</b>	30	240	1	25	138	169	589	129	94	30	154	187	
May															
Admission	55	<b>1,775</b>	27	241	-	23	133	164	548	150	64	35	172	218	
Discharges	58	<b>1,818</b>	33	270	-	20	136	181	563	148	55	38	177	197	
June															
Admission	44	<b>1,749</b>	22	232	12	27	136	137	533	143	59	30	192	226	
Discharges	41	<b>1,710</b>	20	262	9	22	139	111	521	127	59	27	188	225	
July															
Admission	34	<b>1,699</b>	26	216	15	6	144	118	575	136	69	20	189	185	
Discharges	38	<b>1,746</b>	25	248	17	10	141	110	564	153	69	25	181	203	

(Cont'd) Table 10.3 ( )  
2008  
Admissions and Discharges by Department and Month 2008

<i>Department</i>															
<i>Month</i>	<i>SCBU</i>	<i>Total</i>	<i>Cardiac Surgical</i>	<i>Cardiac Medical</i>	<i>Dental</i>	<i>Ophthalmology</i>	<i>E.N.T.</i>	<i>Paediatrics</i>	<i>Obs. &amp; Gyne.</i>	<i>Orthopedic</i>	<i>Urology</i>	<i>Neurology</i>	<i>Surgery</i>	<i>Medical</i>	
August															
Admission	50	1,581	20	212	8	17	118	110	556	100	71	20	149	200	
Discharges	48	1,573	21	203	9	16	117	108	557	107	73	15	159	188	
September															
Admission	44	1,528	16	231	8	9	101	130	559	101	62	28	107	176	
Discharges	42	1,540	19	237	8	10	98	133	564	112	61	25	95	178	
October															
Admission	46	1,739	29	217	11	17	100	156	621	111	70	32	175	200	
Discharges	44	1,697	21	203	11	16	99	157	615	108	66	31	179	191	
November															
Admission	42	1,731	25	244	5	22	103	180	559	124	62	36	163	208	
Discharges	46	1,693	28	236	5	22	103	175	553	125	58	37	155	196	
December															
Admission	32	1,411	20	176	4	2	86	166	498	104	31	34	107	183	
Discharges	38	1,649	26	209	4	2	90	187	566	112	40	39	127	247	
<b>Total</b>															
<b>Admission</b>	<b>502</b>	<b>20,676</b>	<b>317</b>	<b>2,877</b>	<b>67</b>	<b>205</b>	<b>1,447</b>	<b>1,865</b>	<b>6,726</b>	<b>1,548</b>	<b>945</b>	<b>353</b>	<b>1,872</b>	<b>2,454</b>	
<b>Discharges</b>	<b>514</b>	<b>20,595</b>	<b>294</b>	<b>2,861</b>	<b>67</b>	<b>199</b>	<b>1,443</b>	<b>1,861</b>	<b>6,721</b>	<b>1,543</b>	<b>941</b>	<b>356</b>	<b>1,871</b>	<b>2,438</b>	

**Table 10.4**  
**2008 - 2004**  
**Discharges by Department 2004 - 2008**

<i>Department</i>	<b>2008</b>		<b>2007</b>		<b>2006</b>		<b>2005</b>		<b>2004</b>	
	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>	<i>%</i>	<i>No.</i>
Medical	11.5	2,438	10.3	2,343	9.1	1,971	9.3	2,236	8.4	1,883
Surgery	8.9	1,871	7.7	1,762	7.1	1,532	9.1	2,197	10.7	2,397
Neurology	1.7	356	1.5	332	2.5	538	0.7	161	0.8	170
Paediatrics	8.8	1,861	9.1	2,078	10.7	2,305	8.7	2,096	7.8	1,748
Obstetrics\Gynecology	31.8	6,721	27.1	6,191	27.4	5,893	25.7	6,179	24.5	5,482
Ear, Nose & Throat	6.8	1,443	5.5	1,252	5.6	1,205	4.6	1,094	3.8	846
Urology	4.5	941	6.5	1,479	6.7	1,452	6.1	1,462	6.9	1,543
Orthopedics	7.3	1,543	6.1	1,388	6.6	1,418	9.1	2,198	9.8	2,187
Dental	0.3	67	0.9	206	0.7	156	1.0	237	1.0	213
Ophthalmology	0.9	199	1.0	233	1.1	234	1.5	349	3.0	682
<b>Sub-Total</b>	<b>82.6</b>	<b>17,440</b>	<b>75.6</b>	<b>17,264</b>	<b>77.5</b>	<b>16,704</b>	<b>75.7</b>	<b>18,209</b>	<b>76.5</b>	<b>17,151</b>
<b>Cardiac Center</b>										
Cardiac Medical	13.6	2,861	18.4	4,203	18.8	4,052	19.9	4,780	18.6	4,165
Cardiac Surgical	1.4	294	3.6	822	1.4	293	2.5	607	2.8	637
<b>Sub-Total</b>	<b>14.9</b>	<b>3,155</b>	<b>22.0</b>	<b>5,025</b>	<b>20.2</b>	<b>4,345</b>	<b>22.4</b>	<b>5,387</b>	<b>21.4</b>	<b>4,802</b>
<b>Total</b>	<b>97.6</b>	<b>20,595</b>	<b>97.6</b>	<b>22,289</b>	<b>97.7</b>	<b>21,049</b>	<b>98.1</b>	<b>23,596</b>	<b>98.0</b>	<b>21,953</b>
Special Care Baby Unit	2.4	514	2.4	543	2.3	496	1.9	446	2.0	459
<b>Grand Total</b>	<b>100.0</b>	<b>21,109</b>	<b>100.0</b>	<b>22,832</b>	<b>100.0</b>	<b>21,545</b>	<b>100.0</b>	<b>24,042</b>	<b>100.0</b>	<b>22,412</b>
Day Case Unit		4,900		4,880		4,770		4,274		3,239



2008 ( )  
**Table 10.5**  
**Discharges (Alive and Dead) by Principal Diagnosis and Age Groups 2008**

Total	70+	60-69	50-59	40-49	30-39	20-29	10-19	1-9	< 1 yr		Principal Diagnosis	ICD-10 Code
596	116	63	43	41	34	44	17	204	34	Alive	Infectious & parasitic diseases	A00-B99
31	22	2	3	1	1	1	1	-	-	Dead		
885	100	94	161	172	122	96	78	58	4	Alive	Neoplasms	C00-D48
13	5	5	-	1	-	-	1	-	1	Dead		
345	35	30	26	30	27	37	27	123	10	Alive	Diseases of the blood & blood-forming organs and disorder involving immune mechanism	D50-D89
4	1	-	-	1	-	1	-	-	1	Dead		
431	66	63	57	49	71	73	24	22	6	Alive	Endocrine, Nutritional & Metabolic Diseases	E00-E90
7	2	1	-	-	-	-	1	2	1	Dead		
29	3	2	-	2	8	7	2	5	-	Alive	Mental & behavioural disorder	F00-F99
3	1	-	1	-	-	-	-	-	1	Dead		
334	44	29	41	47	24	43	27	66	13	Alive	Diseases of the nervous system	G00-G99
3	1	-	-	1	-	-	-	1	-	Dead		
162	50	46	26	10	7	4	4	14	1	Alive	Diseases of the Eye and Adnexa	H00-H59
-	-	-	-	-	-	-	-	-	-	Dead		
169	4	5	12	26	14	18	21	69	-	Alive	Diseases of the Ear and Mustoid process	H60-H95
-	-	-	-	-	-	-	-	-	-	Dead		
1,492	324	305	373	240	131	74	23	12	10	Alive	Diseases of the circulatory system	I00-I99
145	76	19	22	11	4	2	3	2	6	Dead		
1,801	84	72	59	90	131	176	169	901	119	Alive	Diseases of the respiratory system	J00-J99
18	9	1	-	2	-	-	-	5	1	Dead		
1,181	58	59	168	244	202	257	79	104	10	Alive	Diseases of the digestive system	K00-K93
9	6	1	1	-	-	-	-	-	1	Dead		
222	13	24	27	25	31	49	26	25	2	Alive	Diseases of the skin & subcutaneous tissue	L00-L99
-	-	-	-	-	-	-	-	-	-	Dead		

(Cont'd) Table 10.5 ( )  
 2008 ( )  
**Discharges (Alive and Dead) by Principal Diagnosis and Age Groups 2008**

<i>Total</i>	<i>70+</i>	<i>60-69</i>	<i>50-59</i>	<i>40-49</i>	<i>30-39</i>	<i>20-29</i>	<i>10-19</i>	<i>1-9</i>	<i>&lt; 1 yr</i>		<i>Principal Diagnosis</i>	<i>ICD-10 Code</i>
921	59	85	134	168	175	197	56	46	1	Alive	Diseases of the musculoskeletal system and connective tissue	M00-M99
2	-	-	-	1	-	-	-	-	1	Dead		
1,043	113	102	168	244	162	131	46	68	9	Alive	Diseases of genitourinary system	N00-N99
6	5	1	-	-	-	-	-	-	-	Dead		
5,419	-	-	-	423	2,147	2,711	138	-	-	Alive	Pregnancy, childbirth & the puerperium	O00-O99
1	-	-	-	1	-	-	-	-	-	Dead		
583	-	-	-	-	-	-	-	-	583	Alive	Certain conditions originating in perinatal period	P00-P96
26	-	-	-	-	-	-	-	-	26	Dead		
120	2	3	9	10	8	15	6	42	25	Alive	Congenital Malformations, Deformations and Chromosomal Abnormalities	Q00-Q99
10	-	-	-	-	-	-	-	1	9	Dead		
2,666	361	410	521	416	244	259	125	304	26	Alive	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not elsewhere classified	R00-R99
43	22	7	3	3	1	3	2	1	1	Dead		
951	46	31	67	94	149	268	132	141	23	Alive	Injury, Poisoning and Certain other Consequences of external causes	S00-T98
7	1	-	1	-	-	3	1	1	-	Dead		
722	78	113	186	108	36	38	22	134	7	Alive	External causes of Morbidity and Mortality	V00-Y98
7	1	-	-	2	-	2	1	1	-	Dead		
700	28	27	45	76	188	253	45	30	8	Alive	Factors influencing health status and contact with health services	Z00-Z99
2	-	-	-	-	-	1	-	-	1	Dead		
20,772	1,584	1,563	2,123	2,515	3,911	4,750	1,067	2,368	891	Alive	<b>Total</b>	
337	152	37	31	24	6	13	10	14	50	Dead		
21,109	1,736	1,600	2,154	2,539	3,917	4,763	1,077	2,382	941	Total		

Table 10.6  
2008 ( )  
Discharges (Alive and Dead) by Principal Diagnosis, Nationality and Sex 2008

Grand Total	Total				Non-Bahraini				Bahraini				Principal Diagnosis	ICD-10 Code
	Female		Male		Female		Male		Female		Male			
	Dead	Alive	Dead	Alive	Dead	Alive	Dead	Alive	Dead	Alive	Dead	Alive		
627	16	314	15	282	2	63	1	71	14	251	14	211	Infectious & parasitic diseases	A00-B99
898	4	410	9	475	-	96	-	152	4	314	9	323	Neoplasms	C00-D48
349	1	210	3	135	-	73	2	31	1	137	1	104	Diseases of the blood & blood-forming organs and disorder involving immune mechanism	D50-D89
438	4	223	3	208	-	36	1	23	4	187	2	185	Endocrine, Nutritional & Metabolic Diseases	E00-E90
32	1	20	2	9	-	12	1	3	1	8	1	6	Mental & behavioural disorder	F00-F99
337	1	158	2	176	-	28	1	41	1	130	1	135	Diseases of the nervous system	G00-G99
162	-	79	-	83	-	11	-	8	-	68	-	75	Diseases of the Eye and Adnexa	H00-H59
169	-	64	-	105	-	16	-	33	-	48	-	72	Diseases of the Ear and Middle ear process	H60-H95
1,637	56	544	89	948	6	83	21	224	50	461	68	724	Diseases of the circulatory system	I00-I99
1,819	5	712	13	1,089	1	165	1	280	4	547	12	809	Diseases of the respiratory system	J00-J99
1,190	3	536	6	645	1	121	-	244	2	415	6	401	Diseases of the digestive system	K00-K93
222	-	91	-	131	-	16	-	37	-	75	-	94	Diseases of the skin & subcutaneous tissue	L00-L99

(Cont'd) Table 10.6 ( )  
 2008 ( )  
 Discharges (Alive and Dead) by Principal Diagnosis, Nationality and Sex 2008

Grand Total	Total				Non-Bahraini				Bahraini				Principal Diagnosis	ICD-10 Code
	Female		Male		Female		Male		Female		Male			
	Dead	Alive	Dead	Alive	Dead	Alive	Dead	Alive	Dead	Alive	Dead	Alive		
923	1	314	1	607	-	57	-	142	1	257	1	465	Diseases of the musculoskeletal system and connective tissue	M00-M99
1,049	4	554	2	489	1	127	-	151	3	427	2	338	Diseases of genitourinary system	N00-N99
5,420	1	5,419	-	-	-	2,615	-	-	1	2,804	-	-	Pregnancy, childbirth & the puerperium	O00-O99
609	13	263	13	320	5	101	6	130	8	162	7	190	Certain conditions originating in perinatal period	P00-P96
130	7	64	3	56	2	18	2	13	5	46	1	43	Congenital Malformations, Deformations and Chromosomal Abnormalities	Q00-Q99
2,709	22	1,152	21	1,514	4	243	6	393	18	909	15	1,121	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not elsewhere classified	R00-R99
958	2	210	5	741	-	61	2	278	2	149	3	463	Injury, Poisoning and Certain other Consequences of external causes	S00-T98
729	1	242	6	480	1	39	2	125	-	203	4	355	External causes of Morbidity and Mortality	V01-Y98
702	2	538	-	162	1	203	-	36	1	335	-	126	Factors influencing health status and contact with health services	Z00-Z99
21,109	144	12,117	193	8,655	24	4,184	46	2,415	120	7,933	147	6,240	<b>Total</b>	

**Table 10.7**  
**2008** ( )  
**Discharges (Alive and Dead) by Age Groups, Nationality and Sex 2008**

<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>		<i>Age Group (Years)</i>
891	398	493	327	147	180	564	251	313	Alive	<1 year
50	26	24	24	11	13	26	15	11	Dead	
941	424	517	351	158	193	590	266	324	Total	
2,368	964	1,404	717	301	416	1,651	663	988	Alive	1 - 9
14	5	9	2	-	2	12	5	7	Dead	
2,382	969	1,413	719	301	418	1,663	668	995	Total	
1,067	520	547	293	158	135	774	362	412	Alive	10 - 19
10	3	7	-	-	-	10	3	7	Dead	
1,077	523	554	293	158	135	784	365	419	Total	
4,750	3,655	1,095	1,883	1,592	291	2,867	2,063	804	Alive	20 - 29
13	3	10	6	-	6	7	3	4	Dead	
4,763	3,658	1,105	1,889	1,592	297	2,874	2,066	808	Total	
3,911	2,993	918	1,714	1,338	376	2,197	1,655	542	Alive	30 - 39
6	1	5	5	1	4	1	-	1	Dead	
3,917	2,994	923	1,719	1,339	380	2,198	1,655	543	Total	
2,515	1,360	1,155	816	403	413	1,699	957	742	Alive	40 - 49
24	8	16	10	2	8	14	6	8	Dead	
2,539	1,368	1,171	826	405	421	1,713	963	750	Total	
2,123	833	1,290	541	122	419	1,582	711	871	Alive	50 - 59
31	9	22	8	-	8	23	9	14	Dead	
2,154	842	1,312	549	122	427	1,605	720	885	Total	
1,563	717	846	182	62	120	1,381	655	726	Alive	60 - 69
37	19	18	2	1	1	35	18	17	Dead	
1,600	736	864	184	63	121	1,416	673	743	Total	
1,584	677	907	126	61	65	1,458	616	842	Alive	70 +
152	70	82	13	9	4	139	61	78	Dead	
1,736	747	989	139	70	69	1,597	677	920	Total	
20,772	12,117	8,655	6,599	4,184	2,415	14,173	7,933	6,240	Alive	Total
337	144	193	70	24	46	267	120	147	Dead	
21,109	12,261	8,848	6,669	4,208	2,461	14,440	8,053	6,387	Total	

**Table 10.8**  
**2008**  
**Discharges by Discharged Status, Nationality and Department 2008**

<i>Total</i>	<i>Cardiac Surgery</i>	<i>Cardiac Medical</i>	<i>Dental</i>	<i>Ophthalmology</i>	<i>E.N.T.</i>	<i>Paediatrics *</i>	<i>Obs. &amp; Gyne.</i>	<i>Orthopedic</i>	<i>Urology</i>	<i>Neurology</i>	<i>General Surgery</i>	<i>Medical</i>	<i>Nationality</i>	<i>Discharged Status</i>
80	-	5	-	-	-	30	4	2	2	-	9	28	Bah	Left against medical advice
23	-	2	-	-	1	15	2	-	-	2	-	1	Non-Bah	
103	-	7	-	-	1	45	6	2	2	2	9	29	Total	
14,033	195	2,215	54	174	1,078	1,489	3,655	1,101	652	233	1,307	1,880	Bah	Discharged home
6,551	86	569	13	25	364	779	3,029	428	285	101	541	331	Non-Bah	
20,584	281	2,784	67	199	1,442	2,268	6,684	1,529	937	334	1,848	2,211	Total	
37	-	9	-	-	-	11	6	1	-	2	2	6	Bah	Transferred to local hospitals
11	-	3	-	-	-	7	1	-	-	-	-	-	Non-Bah	
48	-	12	-	-	-	18	7	1	-	2	2	6	Total	
14	-	6	-	-	-	-	2	1	-	1	-	4	Bah	Discharged to other medical services for consultation
6	-	1	-	-	-	-	1	3	-	-	1	-	Non-Bah	
20	-	7	-	-	-	-	3	4	-	1	1	4	Total	
9	-	2	-	-	-	4	-	-	-	-	1	2	Bah	Discharged to overseas hospitals
8	1	4	-	-	-	-	-	1	-	1	-	1	Non-Bah	
17	1	6	-	-	-	4	-	1	-	1	1	3	Total	
267	11	41	-	-	-	22	13	5	2	9	8	156	Bah	Death
70	1	4	-	-	-	18	8	1	-	7	2	29	Non-Bah	
337	12	45	-	-	-	40	21	6	2	16	10	185	Total	
14,440	206	2,278	54	174	1,078	1,556	3,680	1,110	656	245	1,327	2,076	Bah	Total
6,669	88	583	13	25	365	819	3,041	433	285	111	544	362	Non-Bah	
21,109	294	2,861	67	199	1,443	2,375	6,721	1,543	941	356	1,871	2,438	Total	

\* Paediatrics including Special Care Baby Unit .

\*

Table 10.9

2008

Discharges, DOC, ALS by Principal Diagnosis, Sex and Age Groups 2008

<i>Male</i>						<i>Female</i>						<i>Grand Total</i>	<i>DISCH DOC ALS</i>	<i>Principal Diagnosis</i>	<i>ICD10 Code</i>
<i>Age Groups</i>						<i>Age Groups</i>									
<i>Total</i>	<i>60+</i>	<i>40-59</i>	<i>20-39</i>	<i>1-19</i>	<i>1&gt;</i>	<i>Total</i>	<i>60+</i>	<i>40-59</i>	<i>20-39</i>	<i>1-19</i>	<i>1&gt;</i>				
<b>297</b>	88	43	46	108	12	<b>330</b>	115	45	34	114	22	<b>627</b>	DISCH	Infectious & parasitic diseases	A00-B99
<b>1,803</b>	857	260	251	366	69	<b>1,937</b>	1,007	293	132	435	70	<b>3,740</b>	DOC		
<b>6.1</b>	9.7	6.0	5.5	3.4	5.8	<b>5.9</b>	8.8	6.5	3.9	3.8	3.2	<b>6.0</b>	ALS		
<b>484</b>	138	157	98	88	3	<b>414</b>	66	177	120	49	2	<b>898</b>	DISCH	Neoplasms	C00-D49
<b>2,388</b>	1,038	730	317	220	83	<b>1,837</b>	540	763	424	108	2	<b>4,225</b>	DOC		
<b>4.9</b>	7.5	4.6	3.2	2.5	27.7	<b>4.4</b>	8.2	4.3	3.5	2.2	1.0	<b>4.7</b>	ALS		
<b>138</b>	26	17	24	65	6	<b>211</b>	40	40	41	85	5	<b>349</b>	DISCH	Diseases of the blood & blood-forming organs and disorder involving immune mechanism	D50-D89
<b>525</b>	97	74	112	135	107	<b>605</b>	144	176	151	116	18	<b>1,130</b>	DOC		
<b>3.8</b>	3.7	4.4	4.7	2.1	17.8	<b>2.9</b>	3.6	4.4	3.7	1.4	3.6	<b>3.2</b>	ALS		
<b>211</b>	74	55	49	27	6	<b>227</b>	58	51	95	22	1	<b>438</b>	DISCH	Endocrine, Nutritional & Metabolic Diseases	E00-E90
<b>1,734</b>	1,050	339	160	113	72	<b>1,168</b>	507	257	257	124	23	<b>2,902</b>	DOC		
<b>8.2</b>	14.2	6.2	3.3	4.2	12.0	<b>5.1</b>	8.7	5.0	2.7	5.6	23.0	<b>6.6</b>	ALS		
<b>11</b>	5	-	1	4	1	<b>21</b>	1	3	14	3	-	<b>32</b>	DISCH	Mental & behavioural disorder	F00-F99
<b>351</b>	342	-	1	7	1	<b>103</b>	3	70	24	6	-	<b>454</b>	DOC		
<b>31.9</b>	68.4	-	1.0	1.8	1.0	<b>4.9</b>	3.0	23.3	1.7	2.0	-	<b>14.2</b>	ALS		
<b>178</b>	44	46	36	44	8	<b>159</b>	30	43	31	50	5	<b>337</b>	DISCH	Diseases of the nervous system	G00-G99
<b>722</b>	236	143	129	167	47	<b>1,002</b>	101	649	83	142	27	<b>1,724</b>	DOC		
<b>4.1</b>	5.4	3.1	3.6	3.8	5.9	<b>6.3</b>	3.4	15.1	2.7	2.8	5.4	<b>5.1</b>	ALS		
<b>83</b>	45	19	7	11	1	<b>79</b>	51	17	4	7	-	<b>162</b>	DISCH	Diseases of the Eye and Adnexa	H00-H59
<b>195</b>	90	50	28	25	2	<b>216</b>	153	34	15	14	-	<b>411</b>	DOC		
<b>2.3</b>	2.0	2.6	4.0	2.3	2.0	<b>2.7</b>	3.0	2.0	3.8	2.0	-	<b>2.5</b>	ALS		

DISCH : Discharges

DOC : Days of Care (by number of discharges)

ALS : Average Length of Stay

(Cont'd) Table 10.9 ( )

2008

Discharges, DOC, ALS by Principal Diagnosis, Sex and Age Groups 2008

Male						Female						Grand Total	DISCH DOC ALS	Principal Diagnosis	ICD10 Code
Age Groups						Age Groups									
Total	60+	40-59	20-39	1-19	1>	Total	60+	40-59	20-39	1-19	1>	Total			
105	4	18	22	61	-	64	5	20	10	29	-	169	DISCH		H60-H95
268	48	101	34	85	-	140	39	43	17	41	-	408	DOC	Diseases of the Ear and Mustoid process	
2.6	12.0	5.6	1.5	1.4	-	2.2	7.8	2.2	1.7	1.4	-	2.4	ALS		
1,037	421	435	146	22	13	600	303	211	65	18	3	1,637	DISCH		I00-I99
5,092	2,362	1,797	614	151	168	3,407	1,866	1,285	195	45	16	8,499	DOC	Diseases of the circulatory system	
4.9	5.6	4.1	4.2	6.9	12.9	5.7	6.2	6.1	3.0	2.5	5.3	5.2	ALS		
1,102	102	88	203	648	61	717	64	63	104	427	59	1,819	DISCH		J00-J99
4,100	881	486	694	1,717	322	2,417	569	324	272	984	268	6,517	DOC	Diseases of the respiratory system	
3.7	8.6	5.5	3.4	2.6	5.3	3.4	8.9	5.1	2.6	2.3	4.5	3.6	ALS		
651	66	241	235	103	6	539	58	172	224	80	5	1,190	DISCH		K00-K93
1,654	292	663	469	217	13	1,402	261	496	467	166	12	3,056	DOC	Diseases of the digestive system	
2.5	4.4	2.8	2.0	2.1	2.2	2.6	4.5	2.9	2.1	2.1	2.4	2.6	ALS		
131	25	27	54	23	2	91	12	25	26	28	-	222	DISCH		L00-L99
369	111	84	125	41	8	364	89	182	47	46	-	733	DOC	Diseases of the skin & subcutaneous tissue	
2.8	4.4	3.1	2.3	1.8	4.0	4.0	7.4	7.3	1.8	1.6	-	3.3	ALS		
608	61	170	301	76	-	315	83	133	71	26	2	923	DISCH		M00-M99
1,735	396	441	648	250	-	1,580	834	489	134	105	18	3,315	DOC	Diseases of the musculoskeletal system and connective tissue	
2.9	6.5	2.6	2.2	3.3	-	5.0	10.0	3.7	1.9	4.0	9.0	3.6	ALS		
491	123	192	103	64	9	558	98	220	190	50	-	1,049	DISCH		N00-N99
1,929	703	641	241	248	96	1,905	591	706	444	164	-	3,834	DOC	Diseases of genitourinary system	
3.9	5.7	3.3	2.3	3.9	10.7	3.4	6.0	3.2	2.3	3.3	-	3.7	ALS		
NA	NA	NA	NA	NA	NA	5,420	NA	424	4,858	138	NA	5,420	DISCH		O00-O99
NA	NA	NA	NA	NA	NA	14,135	NA	1,160	12,682	293	NA	14,135	DOC	Pregnancy, childbirth & the peurperium	
NA	NA	NA	NA	NA	NA	2.6	NA	2.7	2.6	2.1	NA	2.6	ALS		



(Cont'd) Table 10.9 ( )

2008

Discharges, DOC, ALS by Principal Diagnosis, Sex and Age Groups 2008

<i>Male</i>						<i>Female</i>						<i>Grand Total</i>	<i>DISCH DOC ALS</i>	<i>Principal Diagnosis</i>	<i>ICD10 Code</i>
<i>Age Groups</i>						<i>Age Groups</i>									
<i>Total</i>	<i>60+</i>	<i>40-59</i>	<i>20-39</i>	<i>1-19</i>	<i>1&gt;</i>	<i>Total</i>	<i>60+</i>	<i>40-59</i>	<i>20-39</i>	<i>1-19</i>	<i>1&gt;</i>				
333	NA	NA	NA	NA	333	276	NA	NA	NA	NA	276	609	DISCH	Certain conditions originating in perinatal period	P00-P96
3,519	NA	NA	NA	NA	3,519	3,274	NA	NA	NA	NA	3,274	6,793	DOC		
10.6	NA	NA	NA	NA	10.6	11.9	NA	NA	NA	NA	11.9	11.2	ALS		
59	2	5	9	27	16	71	3	14	14	22	18	130	DISCH	Congenital Malformations, Deformations and Chromosomal Abnormalities	Q00-Q99
268	4	14	19	117	114	516	7	48	37	93	331	784	DOC		
4.5	2.0	2.8	2.1	4.3	7.1	7.3	2.3	3.4	2.6	4.2	18.4	6.0	ALS		
1,535	431	579	248	262	15	1,174	369	364	259	170	12	2,709	DISCH	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not elsewhere classified	R00-R99
5,892	2,264	2,227	659	693	49	4,368	1,863	1,116	693	650	46	10,260	DOC		
3.8	5.3	3.8	2.7	2.6	3.3	3.7	5.0	3.1	2.7	3.8	3.8	3.8	ALS		
746	41	122	361	207	15	212	37	40	59	68	8	958	DISCH	Injury, Poisoning and Certain other Consequences of external causes	S00-T98
3,027	290	608	1,243	671	215	1,114	442	138	134	169	231	4,141	DOC		
4.1	7.1	5.0	3.4	3.2	14.3	5.3	11.9	3.5	2.3	2.5	28.9	4.3	ALS		
486	121	220	46	94	5	243	71	76	30	64	2	729	DISCH	External causes of Morbidity and Mortality	V00-Y98
1,616	493	734	203	176	10	588	246	164	55	117	6	2,204	DOC		
3.3	4.1	3.3	4.4	1.9	2.0	2.4	3.5	2.2	1.8	1.8	3.0	3.0	ALS		
162	36	49	39	33	5	540	19	72	403	42	4	702	DISCH	Factors influencing health status and contact with health services	Z00-Z99
519	173	188	82	43	33	1,362	118	212	896	121	15	1,881	DOC		
3.2	4.8	3.8	2.1	1.3	6.6	2.5	6.2	2.9	2.2	2.9	3.8	2.7	ALS		
8,848	1,853	2,483	2,028	1,967	517	12,261	1,483	2,210	6,652	1,492	424	21,109	DISCH	<b>Total</b>	
37,706	11,727	9,580	6,029	5,442	4,928	43,440	9,380	8,605	17,159	3,939	4,357	81,146	DOC		
4.3	6.3	3.9	3.0	2.8	9.5	3.5	6.3	3.9	2.6	2.6	10.3	3.8	ALS		

Table 10.10

2008

## Deaths by Principal Diagnosis , Length of Stay, Nationality and Sex 2008

Total			48 48 hrs & over			48 Less than 48 hrs			Sex	Principal Diagnosis of Death	ICD10- Code
Total	Non-Bah	Bah	Total	Non-Bah	Bah	Total	Non-Bah	Bah			
15	1	14	14	1	13	1	-	1	Male	Infectious & parasitic diseases	A00-B99
16	2	14	10	1	9	6	1	5	Female		
31	3	28	24	2	22	7	1	6	Total		
9	-	9	7	-	7	2	-	2	Male	Neoplasms	C00-D49
4	-	4	4	-	4	-	-	-	Female		
13	-	13	11	-	11	2	-	2	Total		
3	2	1	1	1	-	2	1	1	Male	Diseases of the blood & blood-forming organs and disorder involving immune mechanism	D50-D89
1	-	1	1	-	1	-	-	-	Female		
4	2	2	2	-	-	2	1	1	Total		
3	1	2	2	1	1	1	-	1	Male	Endocrine,Nutritional & Metabolic Diseases	E00-E90
4	-	4	4	-	4	-	-	-	Female		
7	1	6	6	-	5	1	-	1	Total		
2	1	1	1	-	1	1	1	-	Male	Mental & behavioural disorder	F00-F99
1	-	1	1	-	1	-	-	-	Female		
3	1	2	2	-	2	1	1	-	Total		
2	1	1	2	1	1	-	-	-	Male	Diseases of the nervous system	G00-G99
1	-	1	1	-	1	-	-	-	Female		
3	1	2	3	1	2	-	-	-	Total		
89	21	68	63	12	51	26	9	17	Male	Diseases of the circulatory system	I00-I99
56	6	50	47	6	41	9	-	9	Female		
145	27	118	110	18	92	35	9	26	Total		
13	1	12	10	1	9	3	-	3	Male	Diseases of the respiratory system	J00-J99
5	1	4	5	1	4	-	-	-	Female		
18	2	16	15	2	13	3	-	3	Total		
6	-	6	5	-	5	1	-	1	Male	Diseases of the digestive system	K00-K93
3	1	2	2	1	1	1	-	1	Female		
9	1	8	7	1	6	2	-	2	Total		

Note: including 28 death cases counted as on route to hospital.

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(Cont'd) Table 10.10 ( )

2008

## Deaths by Principal Diagnosis , Length of Stay, Nationality and Sex 2008

<i>Total</i>			<i>48 48 hrs &amp; over</i>			<i>48 Less than 48 hrs</i>			<i>Sex</i>	<i>Principal Diagnosis of Death</i>	<i>ICD10- 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	Diseases of the musculoskeletal system and connective tissue	M00-M99
1	-	1	1	-	1	-	-	-	Female		
2	-	2	1	-	1	1	-	1	Total		
2	-	2	2	-	2	-	-	-	Male	Diseases of genitourinary system	N00-N99
4	1	3	3	1	2	1	-	1	Female		
6	1	5	5	1	4	1	-	1	Total		
NA	NA	NA	NA	NA	NA	NA	NA	NA	Male	Pregnancy, childbirth & the puerperium	O00-O99
1	-	1	1	-	1	-	-	-	Female		
1	-	1	1	-	1	-	-	-	Total		
13	6	7	8	5	3	5	1	4	Male	Certain conditions originating in perinatal period	P00-P96
13	5	8	1	1	-	12	4	8	Female		
26	11	15	9	6	3	17	5	12	Total		
3	2	1	-	-	-	3	2	1	Male	Congenital Malformations, Deformations and Chromosomal Abnormalities	Q00-Q99
7	2	5	4	1	3	3	1	2	Female		
10	4	6	4	1	3	6	3	3	Total		
21	6	15	13	1	12	8	5	3	Male	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not elsewhere classified	R00-R99
22	4	18	17	4	13	5	-	5	Female		
43	10	33	30	5	25	13	5	8	Total		
5	2	3	1	1	-	4	1	3	Male	Injury, Poisoning and Certain other Consequences of external causes	S00-T98
2	-	2	1	-	1	1	-	1	Female		
7	2	5	2	1	1	5	1	4	Total		
6	2	4	1	-	1	5	2	3	Male	External causes of Morbidity and Mortality	V01-Y98
1	1	-	-	-	-	1	1	-	Female		
7	3	4	1	-	1	6	3	3	Total		
-	-	-	-	-	-	-	-	-	Male	Factors influencing health status and contact with health services	V01-Y98
2	1	1	1	-	1	1	1	-	Female		
2	1	1	1	-	1	1	1	-	Total		
193	46	147	130	24	106	63	22	41	Male	<b>Total</b>	
144	24	120	104	16	88	40	8	32	Female		
337	70	267	234	38	193	103	30	73	Total		

**Table 10.11**  
**2008** ( )  
**Out-Patient Visits (Morning) by Department, Nationality and Sex 2008**

Department	Total			Non-Bahraini			Bahraini		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
Accident & Emergency	82,525	35,526	46,999	22,497	9,343	13,154	60,028	26,183	33,845
General practice	171,774	82,204	89,570	59,660	28,627	31,033	112,114	53,577	58,537
Dental clinic	29,270	14,926	14,344	6,145	2,926	3,219	23,125	12,000	11,125
<b>Consultant clinics:</b>	<b>110,591</b>	<b>61,940</b>	<b>48,651</b>	<b>33,731</b>	<b>20,463</b>	<b>13,269</b>	<b>76,860</b>	<b>41,477</b>	<b>35,383</b>
Medical	9,766	5,366	4,400	2,111	1,180	931	7,655	4,186	3,470
Surgery	7,633	3,839	3,794	2,443	1,052	1,390	5,190	2,787	2,404
Neurology	1,932	895	1,037	448	177	271	1,484	719	765
Orthopedics	9,860	4,121	5,739	2,073	734	1,339	7,787	3,387	4,400
Antenatal	20,806	20,806	NA	10,330	10,330	NA	10,476	10,476	NA
Paediatrics	12,336	5,736	6,600	4,527	2,062	2,464	7,809	3,674	4,135
Ear, Nose and Throat	11,246	4,708	6,538	2,976	1,214	1,762	8,270	3,494	4,776
Urology	3,834	985	2,849	1,130	224	906	2,704	761	1,943
Dermatology	8,536	4,806	3,730	2,179	1,180	999	6,357	3,625	2,732
Trauma	11,237	3,756	7,481	2,400	711	1,689	8,837	3,045	5,792
Psychiatric	499	272	227	97	65	31	402	207	195
Ophthalmology	11,351	5,120	6,231	2,452	971	1,481	8,899	4,148	4,750
IVF	1,555	1,530	25	566	561	5	989	969	20
<b>Total</b>	<b>394,160</b>	<b>194,596</b>	<b>199,564</b>	<b>122,033</b>	<b>61,359</b>	<b>60,675</b>	<b>272,127</b>	<b>133,237</b>	<b>138,890</b>
<b>Cardiac Center</b>	<b>25,594</b>	<b>10,892</b>	<b>14,702</b>	<b>3,616</b>	<b>1,044</b>	<b>2,572</b>	<b>21,978</b>	<b>9,848</b>	<b>12,130</b>
Cardiac Medical	21,351	9,103	12,248	2,615	786	1,829	18,736	8317	10419
Chest Pain Clinic	4,243	1,789	2,454	1,001	258	743	3,242	1531	1711
<b>Grand Total</b>	<b>419,754</b>	<b>205,488</b>	<b>214,266</b>	<b>125,649</b>	<b>62,403</b>	<b>63,247</b>	<b>294,105</b>	<b>143,085</b>	<b>151,020</b>

Note: Accident & Emergency department is operating 24 hours.

Table 10.12

2008

## Private Practice Clinics Out-Patient Visits by Department, Nationality and Sex 2008

Department	Total			Non-Bahraini			Bahraini		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
<b>Consultant clinics:</b>									
Medical	7,741	4,817	2,924	1,274	721	552	6,467	4,096	2,371
Surgery	4,896	2,945	1,951	1,057	524	533	3,839	2,420	1,419
Neurology	565	237	328	137	45	92	428	192	236
Orthopedics	6,073	2,653	3,420	1,316	470	846	4,757	2,183	2,574
Antenatal	14,033	14,033	NA	3,107	3,107	NA	10,926	10,926	NA
Paediatrics	4,487	2,108	2,379	731	374	357	3,756	1,734	2,022
Ear, Nose and Throat	6,451	3,159	3,292	1,199	537	663	5,252	2,622	2,630
Urology	906	226	680	299	65	234	607	161	446
Dermatology	3,654	2,215	1,439	643	371	273	3,011	1,845	1,166
Ophthalmology	1,976	1,023	953	321	160	161	1,655	864	792
IVF	1,448	1,425	23	528	523	5	920	902	18
<b>Total</b>	<b>52,230</b>	<b>34,842</b>	<b>17,388</b>	<b>10,611</b>	<b>6,897</b>	<b>3,715</b>	<b>41,619</b>	<b>27,945</b>	<b>13,674</b>
<b>Cardiac Center</b>									
Cardiac Medical	4,832	1,549	3,283	1,630	385	1,245	3,202	1,164	2,038
<b>Grand Total</b>	<b>57,062</b>	<b>36,391</b>	<b>20,671</b>	<b>12,241</b>	<b>7,282</b>	<b>4,960</b>	<b>44,821</b>	<b>29,109</b>	<b>15,712</b>

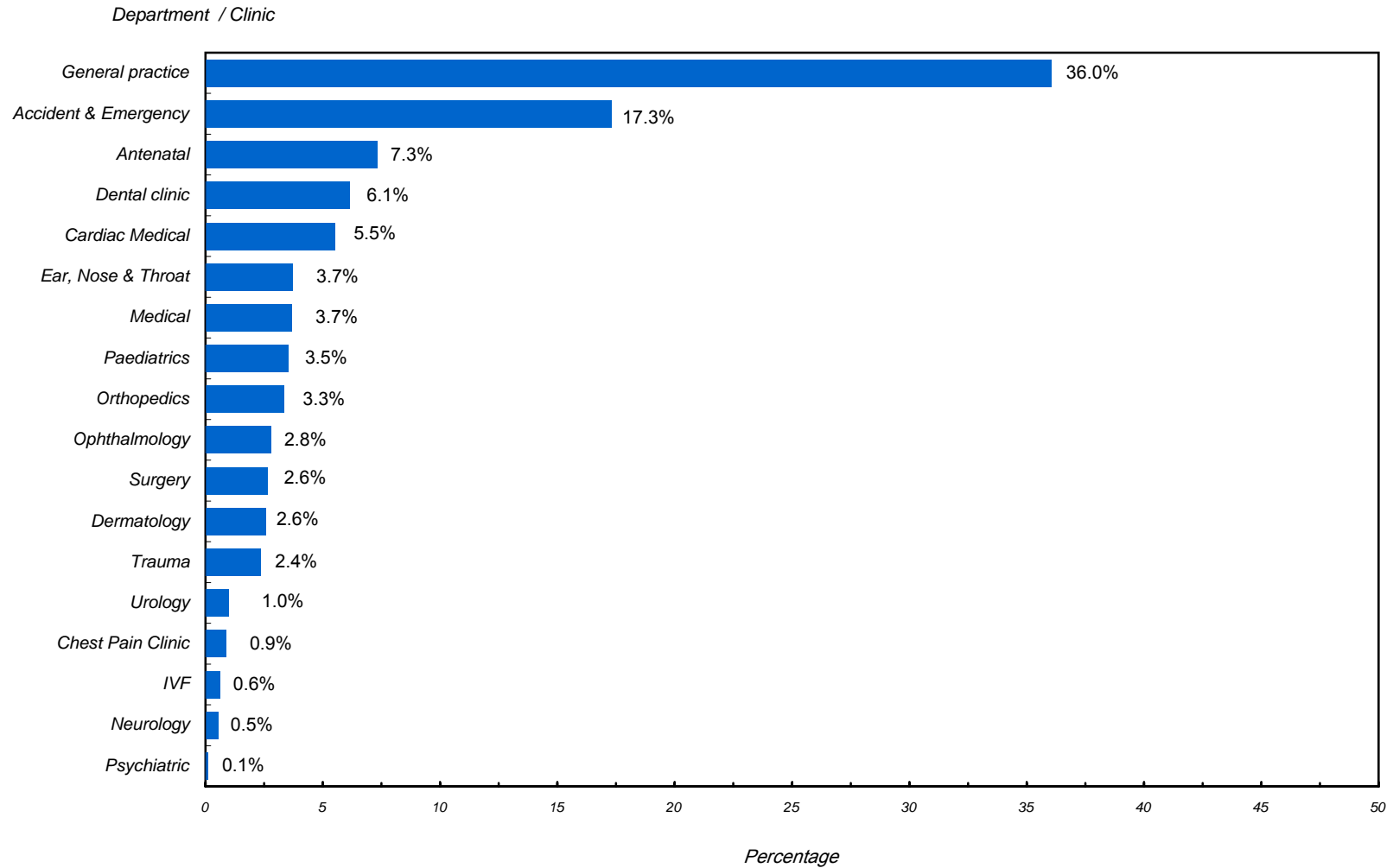
**Table 10.13**  
**2008 - 2004 ( )**  
**Out-Patient Visits (Morning and Private Practice Clinics) by Department 2004 - 2008**

<i>Department / Clinic</i>	<i>2008</i>	<i>2007</i>	<i>2006</i>	<i>2005</i>	<i>2004</i>	<i>/</i>
Accident & Emergency	82,525	81,432	82,937	89,903	84,446	
General practice	171,774	169,788	166,556	166,607	151,514	
Dental clinic	29,270	27,178	25,651	24,554	22,195	
Pre-Employment Examination <sup>1</sup>	NA	NA	NA	NA	6,024	1
<b>Consultant clinics:</b>	<b>162,821</b>	<b>154,914</b>	<b>146,171</b>	<b>155,886</b>	<b>142,993</b>	:
Medical <sup>1</sup>	17,507	16,169	15,708	20,411	17,670	1
Surgery	12,529	13,362	16,616	14,448	12,071	
Neurology	2,497	2,130	NA	NA	NA	
Orthopedics	15,933	13,244	10,660	18,568	16,392	
Antenatal	34,839	31,735	29,587	30,351	29,153	
Paediatrics	16,823	15,303	12,862	12,043	10,595	
Ear, Nose and Throat <sup>2</sup>	17,697	17,676	15,870	14,198	13,603	2
Urology	4,740	7,522	7,550	7,526	6,781	
Dermatology	12,190	11,394	10,961	10,172	9,223	
Trauma	11,237	10,636	9,681	9,247	8,370	
Psychiatric	499	408	NA	670	338	
Ophthalmology	13,327	13,028	13,899	12,516	12,912	
IVF	3,003	2,307	2,750	2,481	2,465	
Speech Therapy <sup>2</sup>	NA	NA	27	3,255	3,420	2
<b>Sub-Total</b>	<b>446,390</b>	<b>433,312</b>	<b>421,315</b>	<b>436,950</b>	<b>407,172</b>	
<b>Cardiac Center</b>	<b>30,426</b>	<b>27,184</b>	<b>25,445</b>	<b>24,147</b>	<b>19,936</b>	
Cardiac Medical	26,183	23,958	23,029	21,044	18,755	
Chest Pain Clinic	4,243	3,226	2,416	3,103	1,181	
<b>Grand Total</b>	<b>476,816</b>	<b>460,496</b>	<b>446,760</b>	<b>461,097</b>	<b>427,108</b>	
<b>Other Services</b>						
Day Case Unit	4,900	4,880	4,770	446	459	
Kidney Dialysis	11,110	11,373	10,299	9,395	7,745	
Neutrition Clinic	3,190	2,070	1,615	1,721	1,544	

<sup>1</sup> Pre-Employment Examination: the patients data are already counted in Medical clinic since 2005 .

<sup>2</sup> Speech Therapy: the patients data are already counted in E.N.T clinic since 2007 .

**Figure 10.1**  
**2008** ( )  
**Out-Patient Visits (Morning and Private Practice Clinics) by Department 2008**



Reference: Table 10.13

مرجع: جدول 10.13

Table 10.14

2008

## Medical and Allied Health Manpower by Category, Nationality and Sex 2008

Category	Total			الجملة			Non-Bahraini			بحريني		
	الجملة Total	أنثى Female	نكر Male	غير بحريني			بحريني					
				الجملة Total	أنثى Female	نكر Male	الجملة Total	أنثى Female	نكر Male			
Physicians	251	91	160	113	26	87	138	65	73			
Dentists	16	5	11	6	-	6	10	5	5			
Pharmacists & Technicians	43	34	9	21	15	6	22	19	3			
Nurses *	811	723	88	527	499	28	284	224	60	*		
Practical Nurses	149	92	57	25	6	19	124	86	38			
Dental Hygienists & Technicians	6	5	1	1	1	-	5	4	1			
Laboratory Technologists & Technicians	61	47	14	12	8	4	49	39	10			
Radiographers & Technicians	35	24	11	12	4	8	23	20	3			
Physiotherapists, Occupational Therapists & Technicians	40	28	12	16	11	5	24	17	7			
Prosthetic, Orthotics Technicians	1	1	-	-	-	-	1	1	-			
Anaesthesia Technician	13	-	13	6	-	6	7	-	7			
Audio Visual Technician	2	2	-	-	-	-	2	2	-	/		
Electro Cardiogram technician	2	2	-	-	-	-	2	2	-			
Cardio Vascular Technician	2	2	-	2	2	-	-	-	-			
Cathlab Technician	2	1	1	1	-	1	1	1	-			
Dietician	7	7	-	4	4	-	3	3	-			
Social Worker	6	6	-	-	-	-	6	6	-			
Speech Therapist	2	2	-	-	-	-	2	2	-			
Plaster Technician	5	2	3	-	-	-	5	2	3			
Electro Encephalograph	7	5	2	2	-	2	5	5	-			
Paramedic and Respiratory Specialist	54	-	54	1	-	1	53	-	53			
Other Health Professions	6	2	4	3	1	2	3	1	2			

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



**Table 10.15**  
**2008**  
**Dental Treatment by Type of Treatment, Nationality and Sex 2008**

<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>
Extraction									
Decidious	<b>744</b>	379	365	<b>156</b>	74	82	<b>588</b>	305	283
Permanent	<b>1,044</b>	532	512	<b>219</b>	104	115	<b>825</b>	428	397
Restoration									
Amalgam	<b>1,014</b>	517	497	<b>213</b>	101	112	<b>801</b>	416	385
Plastic	<b>2,039</b>	1,040	999	<b>428</b>	204	224	<b>1,611</b>	836	775
Temporary	<b>662</b>	337	325	<b>139</b>	66	73	<b>523</b>	271	252
Periodontal disease	<b>657</b>	335	322	<b>138</b>	66	72	<b>519</b>	269	250
Scaling & polishing	<b>3,634</b>	1,853	1,781	<b>763</b>	363	400	<b>2,871</b>	1,490	1,381
Root canal treatment	<b>691</b>	352	339	<b>145</b>	69	76	<b>546</b>	283	263
Treatment	<b>4,720</b>	2,407	2,313	<b>991</b>	472	519	<b>3,729</b>	1,935	1,794
Surgical treatment	<b>437</b>	223	214	<b>92</b>	44	48	<b>345</b>	179	166
Orthodontics	<b>4,512</b>	2,301	2,211	<b>947</b>	451	496	<b>3,565</b>	1,850	1,715
Prosthesis	<b>2,877</b>	1,468	1,409	<b>604</b>	288	316	<b>2,273</b>	1,180	1,093
Others	<b>6,239</b>	3,182	3,057	<b>1,310</b>	624	686	<b>4,929</b>	2,558	2,371
<b>Total</b>	<b>29,270</b>	<b>14,926</b>	<b>14,344</b>	<b>6,145</b>	<b>2,926</b>	<b>3,219</b>	<b>23,125</b>	<b>12,000</b>	<b>11,125</b>

Table 10.16

2008

## Surgical and Endoscopies Procedures by Department / Procedure, Nationality and Sex 2008

Department / Procedure	Total			Non-Bahraini			Bahraini			/
	Total	Female	Male	Total	Female	Male	Total	Female	Male	
Surgery	1,804	772	1,032	575	186	389	1,229	586	643	
Urology	870	142	728	298	36	262	572	106	466	
Neurology	130	44	86	45	10	35	85	34	51	
Ophthalmology	317	157	160	64	35	29	253	122	131	
Orthopedics	1,237	378	859	362	80	282	875	298	577	
Ear, Nose and Throat	1,263	468	795	326	106	220	937	362	575	
Obstetrics/Gynecology	1,893	1,893	NA	704	704	NA	1,189	1,189	NA	
Dental	296	154	142	57	26	31	239	128	111	
E.S.W.L.	301	49	252	103	12	91	198	37	161	
LASIK	36	18	18	7	4	3	29	14	15	
Cardiac Operations	349	88	261	104	17	87	245	71	174	
Cardiac Catheterization	1,514	419	1,095	329	52	277	1,185	367	818	
Amaliyath Laser (E.N.T.)	468	173	295	121	39	82	347	134	213	( )
<b>Day Case Unit</b>										
General	544	233	311	173	56	117	371	177	194	
<b>Endoscopies</b>										
Gastroscopy	916	467	449	211	78	133	705	389	316	
L. Colonoscopy	107	36	71	35	5	30	72	31	41	( )
F. Colonoscopy	238	93	145	69	22	47	169	71	98	( )
ERCP	34	19	15	8	5	3	26	14	12	
Bronchoscopy	38	12	26	10	3	7	28	9	19	
<b>Total</b>	<b>12,355</b>	<b>5,615</b>	<b>6,740</b>	<b>3,601</b>	<b>1,476</b>	<b>2,125</b>	<b>8,754</b>	<b>4,139</b>	<b>4,615</b>	

**Table 10.17**  
**2008**  
**Laboratory Tests by Type of Test, Nationality and Sex 2008**

<i>Type of Test</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>
Histology	4,211	2,612	1,599	1,329	798	531	2,882	1,814	1,068
Cytology	3,400	3,237	163	1,222	1,174	48	2,178	2,063	115
Microbiology	63,983	34,302	29,681	23,763	11,302	12,461	40,220	23,000	17,220
Haematology	1,812,800	960,477	852,323	536,142	276,216	259,926	1,276,658	684,261	592,397
Blood Bank	4,266	2,118	2,148	1,536	751	785	2,730	1,367	1,363
Biochemistry	899,503	490,011	409,492	115,158	102,138	13,020	784,345	387,873	396,472
Hormones	83,296	46,503	36,793	21,797	11,930	9,867	61,499	34,573	26,926
Drug	2,577	1,012	1,565	507	199	308	2,070	813	1,257
Coagulation	1,176	540	636	241	84	157	935	456	479
Serology	73,372	26,285	47,087	40,390	9,752	30,638	32,982	16,533	16,449
<b>Total</b>	<b>2,948,584</b>	<b>1,567,097</b>	<b>1,381,487</b>	<b>742,085</b>	<b>414,344</b>	<b>327,741</b>	<b>2,206,499</b>	<b>1,152,753</b>	<b>1,053,746</b>

**Table 10.18**  
**2008**  
**Radiology Procedures by Type of Procedure, Nationality and Sex 2008**

<i>Type of Procedure</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>
Skull, Mastoids, I.A.M. facial bones and Mandible joints	3,060	1,498	1,562	916	455	461	2,144	1,043	1,101
Cervical spine and thoracic spine	7,376	3,611	3,765	2,208	1,097	1,111	5,168	2,514	2,654
Long bones & short bones	12,841	6,286	6,555	3,844	1,909	1,935	8,997	4,377	4,620
Shoulder, elbow, wrist, knee, ankle & hip	12,264	4,762	7,502	3,442	761	2,681	8,822	4,001	4,821
Chest (including ribs, sternum & scapulae)	26,858	13,148	13,710	8,040	3,993	4,047	18,818	9,155	9,663
Abdomen (including pelvis)	8,813	4,314	4,499	2,638	1,310	1,328	6,175	3,004	3,171
Special procedures	2,575	1,261	1,314	771	383	388	1,804	878	926
C.T. scan	6,261	3,065	3,196	1,874	931	943	4,387	2,134	2,253
Ultra sound	12,163	5,954	6,209	3,641	1,808	1,833	8,522	4,146	4,376
Mammography	739	362	377	221	110	111	518	252	266
Nuclear medicine	792	388	404	237	118	119	555	270	285
Magnetic Resonance Imaging	4,783	2,341	2,442	1,432	711	721	3,351	1,630	1,721
<b>Total</b>	<b>98,525</b>	<b>46,990</b>	<b>51,535</b>	<b>29,264</b>	<b>13,586</b>	<b>15,678</b>	<b>69,261</b>	<b>33,404</b>	<b>35,857</b>

Table 10.19  
 2008 ( )  
 Discharges (Alive and Dead) from Special Care Baby Unit by Month and Sex 2008

Month	Total				Dead				Alive			
	Total		Female	Male	Total		Female	Male	Total		Female	Male
	%	No.			%	No.			%	No.		
January	8.6	44	18	26	8.7	2	-	2	8.6	42	18	24
February	6.4	33	16	17	13.0	3	2	1	6.1	30	14	16
March	7.2	37	18	19	8.7	2	1	1	7.1	35	17	18
April	8.8	45	19	26	-	-	-	-	9.2	45	19	26
May	11.3	58	22	36	17.4	4	2	2	11.0	54	20	34
June	8.0	41	19	22	8.7	2	2	-	7.9	39	17	22
July	7.4	38	16	22	4.3	1	-	1	7.5	37	16	21
August	9.3	48	22	26	-	-	-	-	9.8	48	22	26
September	8.2	42	14	28	13.0	3	-	3	7.9	39	14	25
October	8.6	44	24	20	17.4	4	3	1	8.1	40	21	19
November	8.9	46	19	27	4.3	1	-	1	9.2	45	19	26
December	7.4	38	22	16	4.3	1	-	1	7.5	37	22	15
<b>Total</b>	<b>100.0</b>	<b>514</b>	<b>229</b>	<b>285</b>	<b>100.0</b>	<b>23</b>	<b>10</b>	<b>13</b>	<b>100.0</b>	<b>491</b>	<b>219</b>	<b>272</b>