

BAHRAIN DEFENCE FORCE HOSPITAL

مستشفى قوة دفاع البحرين

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BAHRAIN DEFENCE FORCE HOSPITAL

مستشفى قوة دفاع البحرين

<i>Ward</i>	<i>2003</i>	<i>2002</i>	<i>2001</i>	<i>2000</i>	<i>1999</i>	
Amiri & V.I.P.	7	7	5	5	4	
Officers	12	12	12	12	12	
Medical	40	40	38	38	40	
Neonatal / Special Care Baby Unit	26	26	26	26	26	/
Cardiac Center						
Cardiac Intensive Care Unit	4	4	4	4	4	
Cardiac Care Unit	12	12	6	6	6	
Cardiac Ward	29	27	27	27	24	
Orthopedics	24	30	30	30	30	
Paediatrics	26	26	26	26	26	
Obstetrics & Gynaecology	57	57	54	54	48	/
General Surgery / Urology	30	54	54	54	50	/
Head and Neck	NA	NA	NA	NA	20	
Intensive Care Unit (ICU)	7	7	4	4	4	
Day Case Unit	16	16	16	16	16	
Accident & Emergency	12	12	12	12	14	
Dialysis	16	15	15	15	14	
ENT / Ophthalmology / Dental	27	20	20	20	23	/ /
Private ward	5	5	NA	NA	NA	
Total *	324	344	323	323	335	*

* The total does not include beds in Neonatal / SCBU .

Note: Beds are distributed in this table by Ward,
but it differ from Table 10.2.

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SCBU	Total	* Private Ward *	* Intensive Care Unit *	Dental	Ophthalmology	E.N.T.	Ø Paediatrics	Obs. & Gyne.	Orthopedic	Surgical & Urology	Medical	Description
529	26,169	360	285	339	949	1,022	2,000	6,207	2,382	7,202	6,068	Total admissions
526	26,117	360	280	339	949	1,020	1,995	6,205	2,377	7,195	6,037	Total discharges
26	296	5	7	2	5	9	27	66	31	71	85	* No. of beds *
9,490	108,040	1,825	2,555	730	1,825	3,285	9,855	24,090	11,315	25,915	31,025	Bed days available
NA	64,479	1,336	1,358	296	647	1,555	6,350	14,291	7,016	14,580	19,744	Patient-days overnight
NA	4,258	-	-	178	427	10	56	336	72	2,731	448	> Patient days < 1 day
NA	68,737	1,336	1,358	474	1,074	1,565	6,406	14,627	7,088	17,311	20,192	Total Patient days
NA	63.6	73.2	53.2	64.9	58.8	47.6	65.0	60.7	62.6	66.8	65.1	Bed occupancy rate
NA	88.2	72.0	40.0	169.5	189.8	113.3	73.9	94.0	76.7	101.3	71.0	Turnover rate

* Total Beds 324 (A/E 12 and Dialysis 16) are not included in the total.

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324

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<i>SCBU</i>	<i>Total</i>	<i>* Private Ward *</i>	<i>* Intensive Care Unit *</i>	<i>Dental</i>	<i>Ophthalmology</i>	<i>E.N.T.</i>	<i>Ø Paediatrics</i>	<i>Obs. & Gyne.</i>	<i>Orthopedic</i>	<i>Surgical & Urology</i>	<i>Medical</i>	<i>Description</i>
NA	1.5	1.4	4.3	0.8	0.8	1.7	1.7	1.5	1.8	1.2	1.8	Turnover interval
NA	71.7	1.0	0.8	0.9	2.6	2.8	5.5	17.0	6.5	19.7	16.6	Average daily admission
NA	71.6	1.0	0.8	0.9	2.6	2.8	5.5	17.0	6.5	19.7	16.5	Average daily discharge
NA	2.6	3.7	4.9	1.4	1.1	1.5	3.2	2.4	3.0	2.4	3.3	Average length of stay

Note: The total excludes ICU and Private Ward.

Beds are distributed by diagnosis.

Department Month	Special Care Baby Unit	Total	ICU	Obstetrics & Gynecology	Ortho- pedics	∅ Pediatrics	Dental	E.N.T.	Ophthal- mology	2 Surgical & Urology 2	1 Medical 1	
January												
Admission	48	2,237	35	495	222	186	21	76	148	531	558	
Discharges	47	2,192	33	493	211	177	21	76	148	527	539	
February												
Admission	30	1,970	18	395	183	167	24	79	101	506	515	
Discharges	31	1,941	17	397	171	166	22	74	100	505	506	
March												
Admission	54	2,210	24	515	153	175	33	108	59	592	575	
Discharges	54	2,226	23	515	176	176	35	113	60	585	566	
April												
Admission	45	2,504	29	555	230	191	27	108	109	732	552	
Discharges	43	2,466	24	551	224	187	27	108	107	728	534	
May												
Admission	39	2,185	20	559	206	181	39	91	43	602	464	
Discharges	37	2,218	27	556	218	184	38	90	45	608	479	
June												
Admission	73	2,419	29	571	251	204	45	101	68	668	511	
Discharges	73	2,397	26	565	250	200	46	103	68	665	500	
July												
Admission	45	2,356	22	543	213	154	29	89	16	707	605	
Discharges	43	2,374	19	549	213	157	26	88	16	708	617	
August												
Admission	31	1,886	23	540	164	100	1	70	66	550	395	
Discharges	34	1,869	19	538	147	97	4	71	67	545	400	

Department Month	Special Care Baby Unit	Total	ICU	Obstetrics & Gynecology	Ortho- pedics	Ø Pediatrics	Dental	E.N.T.	Ophthal- mology	Surgical & Urology ²	Medical ¹	
September												
Admission	38	2,114	19	545	172	121	36	88	81	672	399	
Discharges	37	2,142	20	547	189	118	36	88	80	676	408	
October												
Admission	47	2,239	18	531	175	186	22	85	109	663	468	
Discharges	45	2,252	21	528	198	189	21	84	109	657	466	
November												
Admission	29	1,757	20	453	183	165	26	57	16	395	462	
Discharges	31	1,748	26	452	160	163	27	56	16	403	471	
December												
Admission	50	2,292	28	505	230	170	36	70	133	584	564	
Discharges	51	2,292	25	514	220	181	36	69	133	588	551	
Total Admission	529	26,169	285	6,207	2,382	2,000	339	1,022	949	7,202	6,068	
Total Discharges	526	26,117	255	5,691	2,157	1,814	303	951	816	6,607	6,037	

Note: ICU is not included in the total but counted in different departments .

¹ Cardiac Medical is included under Medical .

² Cardiac Surgery is included under Surgical and Urology .

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Department	2003		2002		2001		2000		1999		
	%	No.	%	No.	%	No.	%	No.	%	No.	
Medical	9.6	2,520	10.4	2,674	11.0	2,601	12.0	2,875	9.1	1,551	
Surgical	18.0	4,700	18.1	4,634	16.7	3,945	15.9	3,811	10.6	1,801	
Paediatrics	7.6	1,995	8.0	2,050	7.6	1,803	7.1	1,691	7.7	1,308	
Obstetrics\Gynecology	23.8	6,205	23.1	5,916	23.2	5,475	21.8	5,213	25.1	4,274	
E.N.T	3.9	1,020	4.5	1,159	4.6	1,092	4.8	1,140	5.9	997	
Urology	7.2	1,878	6.5	1,665	7.2	1,698	7.0	1,683	7.0	1,183	
Orthopedics	9.1	2,377	8.6	2,195	8.7	2,050	9.6	2,295	12.1	2,051	
Dental	1.3	339	1.4	365	2.0	472	3.3	793	2.0	334	
Ophthalmology	3.6	949	4.9	1,267	4.2	1,001	4.0	950	5.3	895	
Sub-Total	84.2	21,983	85.5	21,925	85.3	20,137	85.4	20,451	84.7	14,394	
Cardiac Center *											*
Cardiac Medical	13.5	3,517	13.6	3,482	13.0	3,059	11.5	2,761	12.2	2,071	
Cardiac Surgical	2.4	617	1.0	245	1.8	423	3.1	749	3.2	537	
Grand Total	100	26,117	100.0	25,652	100.0	23,619	100.0	23,961	100.0	17,002	

SCBU is not included in the grand total, refer to table 10.3.

. 10.3

* Cardiac patients were separated from Medical & Surgical departments.

*

Total	70+	60-69	50-59	40-49	30-39	20-29	10-19	1-9	< 1 yr		Principal Diagnosis	ICD-10 Code
785	70	39	25	41	57	46	51	405	51	Alive	Infectious & parasitic diseases	A00-B99
17	13	2	-	2	-	-	-	-	-	Dead		
697	95	89	100	144	97	87	37	47	1	Alive	Neoplasms	C00-D48
23	20	-	-	1	-	-	-	2	-	Dead		
482	21	20	7	24	45	95	126	136	8	Alive	Diseases of the blood & blood-forming organs and disorder involving immune mechanism	D50-D89
-	-	-	-	-	-	-	-	-	-	Dead		
416	59	95	67	65	55	33	28	11	3	Alive	Endocrine, Nutritional & Metabolic Diseases	E00-E90
3	3	-	-	-	-	-	-	-	-	Dead		
56	3	1	3	7	9	12	9	12	-	Alive	Mental & behavioural disorder	F00-F99
-	-	-	-	-	-	-	-	-	-	Dead		
376	46	42	45	50	32	37	43	70	11	Alive	Diseases of the nervous system	G00-G99
9	-	2	2	2	-	-	-	3	-	Dead		
561	77	92	63	48	113	122	21	24	1	Alive	Diseases of the Eye and Adnexa	H00-H59
-	-	-	-	-	-	-	-	-	-	Dead		
256	4	5	9	32	12	18	32	143	1	Alive	Diseases of the Ear and Mustoid process	H60-H95
-	-	-	-	-	-	-	-	-	-	Dead		
1,168	241	239	295	185	101	70	20	12	5	Alive	Diseases of the circulatory system	I00-I99
58	28	12	8	3	2	3	-	-	2	Dead		
1,510	89	77	93	74	89	131	175	724	58	Alive	Diseases of the respiratory system	J00-J99
15	7	2	3	2	-	-	-	-	1	Dead		
1,160	64	62	109	190	205	267	79	158	26	Alive	Diseases of the digestive system	K00-K93
8	3	2	2	1	-	-	-	-	-	Dead		
181	12	9	16	35	35	41	20	12	1	Alive	Diseases of the skin & subcutaneous tissue	L00-L99
-	-	-	-	-	-	-	-	-	-	Dead		

Total	70+	60-69	50-59	40-49	30-39	20-29	10-19	1-9	< 1 yr		Principal Diagnosis	ICD-10 Code
1,362	80	118	189	272	270	305	74	51	3	Alive	Diseases of the musculoskeletal system and connective tissue	M00-M99
-	-	-	-	-	-	-	-	-	-	Dead		
1,723	132	168	201	387	387	314	47	67	20	Alive	Diseases of genitourinary system	N00-N99
2	2	-	-	-	-	-	-	-	-	Dead		
3,786	1	5	3	293	1,264	1,480	112	7	621	Alive	Pregnancy, childbirth & the puerperium	O00-O99
-	-	-	-	-	-	-	-	-	-	Dead		
1,292	-	-	-	2	5	17	4	64	1,200	Alive	Certain conditions originating in perinatal period	P00-P96
14	-	-	-	-	-	-	-	2	12	Dead		
137	5	5	7	11	18	12	7	58	14	Alive	Congenital Malformations, Deformations and Chromosomal Abnormalities	Q00-Q99
2	-	-	-	-	-	-	-	-	2	Dead		
2,962	399	465	613	482	275	284	116	285	43	Alive	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not elsewhere classified	R00-R99
36	18	9	3	3	-	-	-	3	-	Dead		
1,322	34	58	109	165	224	356	194	177	5	Alive	Injury, Poisoning and Certain other Consequences of external causes	S00-T98
3	-	-	-	-	-	3	-	-	-	Dead		
152	5	4	11	13	23	22	17	56	1	Alive	External causes of Morbidity and Mortality	V00-Y98
4	-	2	-	2	-	-	-	-	-	Dead		
2,709	50	45	64	192	806	1,037	89	57	369	Alive	Factors influencing health status and contact with health services	Z00-Z99
4	2	-	-	-	-	-	-	2	-	Dead		
2,823	208	211	266	289	468	513	156	268	444	Alive	Other Diagnosis	others
3	2	-	-	1	-	-	-	-	-	Dead		
25,916	1,695	1,849	2,295	3,001	4,590	5,299	1,457	2,844	2,886	Alive	Total	
201	98	31	18	17	2	6	0	12	17	Dead		
26,117	1,793	1,880	2,313	3,018	4,592	5,305	1,457	2,856	2,903	Total		

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		
802	7	364	10	421	2	99	-	121	5	265	10	300	Infectious & parasitic diseases	A00-B99
720	10	276	13	421	-	63	-	121	10	213	13	300	Neoplasms	C00-D48
482	-	260	-	222	-	78	-	25	-	182	-	197	Diseases of the blood & blood-forming organs and disorder involving immune mechanism	D50-D89
419	-	233	3	183	-	24	-	26	-	209	3	157	Endocrine, Nutritional & Metabolic Diseases	E00-E90
56	-	29	-	27	-	11	-	9	-	18	-	18	Mental & behavioural disorder	F00-F99
385	7	174	2	202	-	32	-	40	7	142	2	162	Diseases of the nervous system	G00-G99
561	-	252	-	309	-	118	-	151	-	134	-	158	Diseases of the Eye and Adnexa	H00-H59
256	-	109	-	147	-	38	-	61	-	71	-	86	Diseases of the Ear and Mustoid process	H60-H95
1,226	23	423	35	745	3	79	7	251	20	344	28	494	Diseases of the circulatory system	I00-I99
1,525	5	645	10	865	-	124	2	201	5	521	8	664	Diseases of the respiratory system	J00-J99
1,168	3	471	5	689	-	141	-	217	3	330	5	472	Diseases of the digestive system	K00-K93
181	-	56	-	125	-	17	-	38	-	39	-	87	Diseases of the skin & subcutaneous tissue	L00-L99

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		
1,362	-	454	-	908	-	122	-	315	-	332	-	593	Diseases of the musculoskeletal system and connective tissue	M00-M99
1,725	-	810	2	913	-	178	-	294	-	632	2	619	Diseases of genitourinary system	N00-N99
3,786	-	3,376	-	410	-	1,403	-	146	-	1,973	-	264	Pregnancy, childbirth & the puerperium	O00-O99
1,306	5	653	9	639	2	250	4	215	3	403	5	424	Certain conditions originating in perinatal period	P00-P96
139	2	52	-	85	-	14	-	37	2	38	-	48	Congenital Malformations, Deformations and Chromosomal Abnormalities	Q00-Q99
2,998	19	1,235	17	1,727	5	228	4	603	14	1,007	13	1,124	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not elsewhere classified	R00-R99
1,325	-	325	3	997	-	91	-	360	-	234	3	637	Injury, Poisoning and Certain other Consequences of external causes	S00-T98
156	2	71	2	81	-	20	-	20	2	51	2	61	External causes of Morbidity and Mortality	V01-Y98
2,713	-	2,318	4	391	-	1,115	4	131	-	1,203	-	260	Factors influencing health status and contact with health services	Z00-Z99
2,826	-	1,563	3	1,260	-	484	-	429	-	1,079	3	831	Other Diagnosis	others
26,117	83	14,149	118	11,767	12	4,729	21	3,811	71	9,420	97	7,956	Total	الجملة

<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>
2,886	1,828	1,058	1,042	687	355	1,844	1,141	703	Alive	<1 year
17	7	10	9	3	6	8	4	4	Dead	
2,903	1,835	1,068	1,051	690	361	1,852	1,145	707	Total	
2,844	1,268	1,576	756	349	407	2,088	919	1,169	Alive	1 - 9
12	7	5	2	-	2	10	7	3	Dead	
2,856	1,275	1,581	758	349	409	2,098	926	1,172	Total	
1,457	710	747	361	198	163	1,096	512	584	Alive	10 - 19
-	-	-	-	-	-	-	-	-	Dead	
1,457	710	747	361	198	163	1,096	512	584	Total	
5,299	3,385	1,914	2,089	1,434	655	3,210	1,951	1,259	Alive	20 - 29
6	-	6	-	-	-	6	-	6	Dead	
5,305	3,385	1,920	2,089	1,434	655	3,216	1,951	1,265	Total	
4,590	2,903	1,687	1,900	1,209	691	2,690	1,694	996	Alive	30 - 39
2	-	2	2	-	2	-	-	-	Dead	
4,592	2,903	1,689	1,902	1,209	693	2,690	1,694	996	Total	
3,001	1,488	1,513	1,088	391	697	1,913	1,097	816	Alive	40 - 49
17	4	13	8	1	7	9	3	6	Dead	
3,018	1,492	1,526	1,096	392	704	1,922	1,100	822	Total	
2,295	992	1,303	699	194	505	1,596	798	798	Alive	50 - 59
18	14	4	-	-	-	18	14	4	Dead	
2,313	1,006	1,307	699	194	505	1,614	812	802	Total	

<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>
1,849	814	1,035	329	115	214	1,520	699	821	Alive	60 - 69
31	16	15	3	3	-	28	13	15	Dead	
1,880	830	1,050	332	118	214	1,548	712	836	Total	
1,695	761	934	276	152	124	1,419	609	810	Alive	70 +
98	35	63	9	5	4	89	30	59	Dead	
1,793	796	997	285	157	128	1,508	639	869	Total	
25,916	14,149	11,767	8,540	4,729	3,811	17,376	9,420	7,956	Alive	Total
201	83	118	33	12	21	168	71	97	Dead	
26,117	14,232	11,885	8,573	4,741	3,832	17,544	9,491	8,053	Total	

<i>Total</i>	<i>Dental</i>	<i>Ophthalmology</i>	<i>E.N.T.</i>	<i>Paediatrics</i>	<i>Obs. & Gyne.</i>	<i>Orthop</i>	<i>Cardiac Surgery</i>	<i>Urology</i>	<i>General Surgery</i>	<i>Cardiac Medical</i>	<i>Medical</i>	<i>Nationality</i>	<i>Discharge Status</i>
70	-	2	-	9	11	1	-	3	6	9	29	Bah	Left against medical advice
13	-	-	-	2	4	-	-	-	-	4	3	Non-Bah	
83	-	2	-	11	15	1	-	3	6	13	32	Total	
17,279	245	500	708	1,332	3,585	1,574	411	1,319	3,136	2,415	2,054	Bah	Discharged home
8,515	94	445	312	620	2,600	798	199	550	1,528	1,044	325	Non-Bah	
25,794	339	945	1,020	1,952	6,185	2,372	610	1,869	4,664	3,459	2,379	Total	
20	-	2	-	4	2	-	-	-	-	4	8	Bah	Transferred to local hospitals
5	-	-	-	3	-	-	-	-	-	2	-	Non-Bah	
25	-	2	-	7	2	-	-	-	-	6	8	Total	
4	-	-	-	-	-	-	-	1	-	-	3	Bah	Discharged to other medical services for consultation
1	-	-	-	-	-	1	-	-	-	-	-	Non-Bah	
5	-	-	-	-	-	1	-	1	-	-	3	Total	
3	-	-	-	-	1	2	-	-	-	-	-	Bah	Discharged to overseas hospitals
6	-	-	-	-	-	1	-	-	-	5	-	Non-Bah	
9	-	-	-	-	1	3	-	-	-	-	-	Total	
168	-	-	-	15	2	-	7	5	25	27	87	Bah	Death
33	-	-	-	10	-	-	-	-	5	8	10	Non-Bah	
201	-	-	-	25	2	-	7	5	30	35	97	Total	
17,544	245	504	708	1,360	3,601	1,577	418	1,328	3,167	2,455	2,181	Bah	Total
8,573	94	445	312	635	2,604	800	199	550	1,533	1,063	338	Non-Bah	
26,117	339	949	1,020	1,995	6,205	2,377	617	1,878	4,700	3,518	2,519	Total	

<i>Male</i>						<i>Female</i>						<i>Grand Total</i>	<i>DISCH DOC ALS</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></i>	<i>Total</i>	<i>60+</i>	<i>40-59</i>	<i>20-39</i>	<i>1-19</i>	<i>1></i>				
431	67	36	56	245	27	371	57	32	47	211	24	802	DISCH		A00-B99
1,802	499	323	150	724	106	1,358	269	151	174	689	75	3,160	DOC	Infectious & parasitic diseases	
4.2	7.4	9.0	2.7	3.0	3.9	3.7	4.7	4.7	3.7	3.3	3.1	3.9	ALS		
434	124	147	110	52	1	286	80	98	74	34	-	720	DISCH		C00-D48
1,459	714	393	262	85	5	1,006	322	451	180	53	-	2,465	DOC	Neoplasms	
3.4	5.8	2.7	2.4	1.6	5.0	3.5	4.0	4.6	2.4	1.6	-	3.4	ALS		
222	18	14	65	121	4	260	23	17	75	141	4	482	DISCH		D50-D89
452	31	42	148	224	7	571	91	108	168	178	26	1,023	DOC	Diseases of the blood & blood-forming organs and disorder involving immune mechanism	
2.0	1.7	3.0	2.3	1.9	1.8	2.2	4.0	6.4	2.2	1.3	6.5	2.1	ALS		
186	70	59	39	17	1	233	87	73	49	22	2	419	DISCH		E00-E90
961	419	288	143	104	7	1,064	456	340	176	84	8	2,025	DOC	Endocrine, Nutritional & Metabolic Diseases	
5.2	6.0	4.9	3.7	6.1	7.0	4.6	5.2	4.7	3.6	3.8	4.0	4.8	ALS		
27	4	3	10	10	-	29	-	7	11	11	-	56	DISCH		F00-F99
106	8	29	31	38	-	93	-	17	22	54	-	199	DOC	Mental & behavioural disorder	
3.9	2.0	9.7	3.1	3.8	-	3.2	-	2.4	2.0	4.9	-	3.6	ALS		
204	46	53	37	62	6	181	44	46	32	54	5	385	DISCH		G00-G99
959	406	179	138	215	21	703	160	233	111	176	23	1,662	DOC	Diseases of the nervous system	
4.7	8.8	3.4	3.7	3.5	3.5	3.9	3.6	5.1	3.5	3.3	4.6	4.3	ALS		
309	93	61	129	25	1	252	76	50	106	20	-	561	DISCH		H00-H59
294	151	77	46	17	3	190	103	44	23	20	-	484	DOC	Diseases of the Eye and Adnexa	
1.0	1.6	1.3	0.4	0.7	3.0	0.8	1.4	0.9	0.2	1.0	-	0.9	ALS		
147	6	23	17	100	1	109	3	18	13	75	-	256	DISCH		H60-H95
129	13	40	27	47	2	87	21	27	19	20	-	216	DOC	Diseases of the Ear and Mustoid process	
0.9	2.2	1.7	1.6	0.5	2.0	0.8	7.0	1.5	1.5	0.3	-	0.8	ALS		

DISCH : Discharges

DOC : Days of Care (by number of discharges)

ALS : Average Length of Stay

:
:
:

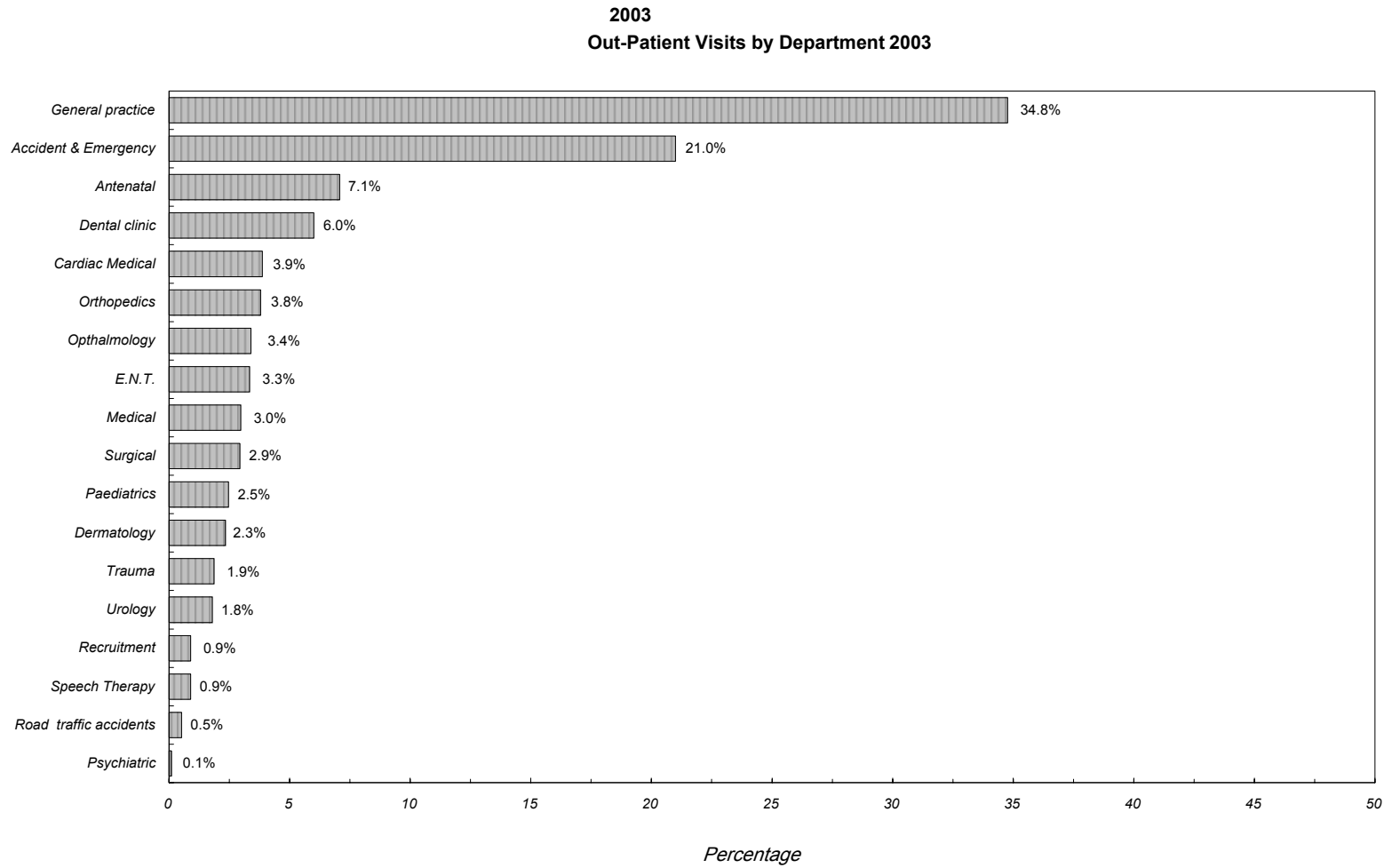
Male						Female						Grand Total	DISCH DOC ALS	ICD10 Code	
Age Groups						Age Groups									
Total	60+	40-59	20-39	1-19	1>	Total	60+	40-59	20-39	1-19	1>				
780	330	313	112	21	4	446	190	178	64	11	3	1,226	DISCH		I00-I99
2,926	1,133	1,266	444	70	13	2,060	1,150	658	145	96	11	4,986	DOC	Diseases of the circulatory system	
3.8	3.4	4.0	4.0	3.3	3.3	4.6	6.1	3.7	2.3	8.7	3.7	4.1	ALS		
875	101	99	126	515	34	650	74	73	94	384	25	1,525	DISCH		J00-J99
2,600	454	282	273	1,435	156	2,368	698	577	150	842	101	4,968	DOC	Diseases of the respiratory system	
3.0	4.5	2.8	2.2	2.8	4.6	3.6	9.4	7.9	1.6	2.2	4.0	3.3	ALS		
694	78	179	281	141	15	474	53	123	191	96	11	1,168	DISCH		K00-K93
1,881	339	612	595	313	22	1,286	193	426	439	214	14	3,167	DOC	Diseases of the digestive system	
2.7	4.3	3.4	2.1	2.2	1.5	2.7	3.6	3.5	2.3	2.2	1.3	2.7	ALS		
125	15	35	52	22	1	56	6	16	24	10	-	181	DISCH		L00-L99
393	41	142	163	45	2	227	66	63	68	30	-	620	DOC	Diseases of the skin & subcutaneous tissue	
3.1	2.7	4.1	3.1	2.0	2.0	4.1	11.0	3.9	2.8	3.0	-	3.4	ALS		
908	133	307	383	83	2	454	65	154	192	42	1	1,362	DISCH		M00-M99
2,709	546	705	1,249	201	8	1,375	486	536	285	53	15	4,084	DOC	Diseases of the musculoskeletal system and connective tissue	
3.0	4.1	2.3	3.3	2.4	4.0	3.0	7.5	3.5	1.5	1.3	15.0	3.0	ALS		
915	159	312	372	61	11	810	143	276	329	53	9	1,725	DISCH		N00-N99
2,633	1,040	848	549	172	24	2,381	513	779	859	182	48	5,014	DOC	Diseases of genitourinary system	
2.9	6.5	2.7	1.5	2.8	2.2	2.9	3.6	2.8	2.6	3.4	5.3	2.9	ALS		
410	1	32	297	13	67	3,376	5	264	2,447	106	554	3,786	DISCH		O00-O99
973	7	20	182	43	721	8,166	15	761	6,534	278	578	9,139	DOC	Pregnancy, childbirth & the puerperium	
2.4	7.0	0.6	0.6	3.3	10.8	2.4	3.0	2.9	2.7	2.6	1.0	2.4	ALS		
648	-	2	10	35	601	658	-	-	12	35	611	1,306	DISCH		P00-P96
1,862	-	14	17	103	1,728	2,163	-	-	31	91	2,041	4,025	DOC	Certain conditions originating in perinatal period	
2.9	-	7.0	1.7	2.9	2.9	3.3	-	-	2.6	2.6	3.3	3.1	ALS		
85	7	11	18	39	10	54	3	7	12	26	6	139	DISCH		Q00-Q99
196	28	32	22	96	18	170	11	5	44	64	46	366	DOC	Congenital Malformations, Deformations and Chromosomal Abnormalities	
2.3	4.0	2.9	1.2	2.5	1.8	3.1	3.7	0.7	3.7	2.5	7.7	2.6	ALS		

<i>Male</i>						<i>Female</i>						<i>Grand Total</i>	<i>DISCH DOC ALS</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></i>	<i>Total</i>	<i>60+</i>	<i>40-59</i>	<i>20-39</i>	<i>1-19</i>	<i>1></i>				
1,744	519	640	325	235	25	1,254	372	461	234	169	18	2,998	DISCH		R00-R99
5,412	2,054	2,146	673	473	66	4,037	1,575	1,232	710	443	77	9,449	DOC		
3.1	4.0	3.4	2.1	2.0	2.6	3.2	4.2	2.7	3.0	2.6	4.3	3.2	ALS	Symptoms, Signs and Abnormal Clinical and Laboratory Findings, not elsewhere classified	
1,000	69	207	440	280	4	325	23	67	143	91	1	1,325	DISCH		S00-T98
2,654	197	711	1,134	604	8	1,039	260	328	258	191	2	3,693	DOC	Injury, Poisoning and Certain other Consequences of external causes	
2.7	2.9	3.4	2.6	2.2	2.0	3.2	11.3	4.9	1.8	2.1	2.0	2.8	ALS		
83	5	14	24	39	1	73	6	12	21	34	-	156	DISCH		V00-Y98
210	34	37	42	91	6	180	26	45	46	63	-	390	DOC	External causes of Morbidity and Mortality	
2.5	6.8	2.6	1.8	2.3	6.0	2.5	4.3	3.8	2.2	1.9	-	2.5	ALS		
395	14	37	268	22	54	2,318	83	219	1,575	126	315	2,713	DISCH		Z00-Z99
838	130	191	112	49	356	6,149	137	548	4,847	227	390	6,987	DOC	Factors influencing health status and contact with health services	
2.1	9.3	5.2	0.4	2.2	6.6	2.7	1.7	2.5	3.1	1.8	1.2	2.6	ALS		
1,263	188	249	438	190	198	1,563	233	307	543	234	246	2,826	DISCH		others
201	47	11	99	38	6	405	125	45	88	111	36	606	DOC	Other Diagnosis	
0.2	0.3	-	0.2	0.2	-	0.3	0.5	0.1	0.2	0.5	0.1	0.2	ALS		
11,885	2,047	2,833	3,609	2,328	1,068	14,232	1,626	2,498	6,288	1,985	1,835	26,117	DISCH		
31,650	8,291	8,388	6,499	5,187	3,285	37,078	6,677	7,374	15,377	4,159	3,491	68,728	DOC	Total	
2.7	4.1	3.0	1.8	2.2	3.1	2.6	4.1	3.0	2.4	2.1	1.9	2.6	ALS		

Cause of Death	Total			48			48 Ø			Sex	ICD10 Code
	48 hrs & over			Less than 48 hrs							
	Total	Non-Bah	Bah	Total	Non-Bah	Bah	Total	Non-Bah	Bah		
Infectious & parasitic diseases	10	-	10	7	-	7	3	-	3	Male	A00-B99
	7	2	5	6	2	4	1	-	1	Female	
	17	2	15	13	2	11	4	-	4	Total	
Neoplasms	13	-	13	9	-	9	4	-	4	Male	C00-D48
	10	-	10	7	-	7	-	-	3	Female	
	23	0	23	16	-	16	7	-	7	Total	
Endocrine, Nutritional & Metabolic	3	-	3	2	-	2	1	-	1	Male	E00-E90
	-	-	-	-	-	-	-	-	-	Female	
	3	-	3	2	-	2	1	-	1	Total	
Diseases of the nervous system	2	-	2	1	-	1	1	-	1	Male	G00-G99
	7	-	7	5	-	5	-	-	2	Female	
	9	-	9	6	-	6	3	-	3	Total	
Diseases of the circulatory system	35	7	28	24	4	20	11	3	8	Male	I00-I99
	23	3	20	17	2	15	6	1	5	Female	
	58	10	48	41	6	35	17	4	13	Total	
Diseases of the respiratory system	10	2	8	8	2	6	2	-	2	Male	J00-J99
	5	-	5	3	-	3	2	-	2	Female	
	15	2	13	11	2	9	4	-	4	Total	
Diseases of the digestive system	5	-	5	4	-	4	1	-	1	Male	K00-K93
	3	-	3	2	-	2	1	-	1	Female	
	8	-	8	6	-	6	2	-	2	Total	
Diseases of genitourinary system	2	-	2	1	-	1	1	-	1	Male	N00-N99
	-	-	-	-	-	-	-	-	-	Female	
	2	-	2	1	-	1	1	-	1	Total	
Certain conditions originating in perinatal period	9	4	5	8	3	5	1	1	-	Male	P00-P96
	5	2	3	5	2	3	-	-	-	Female	
	14	6	8	13	5	8	1	1	-	Total	

Cause of Death	Total			48 hrs & over			48 \emptyset Less than 48 hrs			Sex	ICD10 Code
	Total	Non-Bah	Bah	Total	Non-Bah	Bah	Total	Non-Bah	Bah		
Congenital Malformations, Deformations and Chromosomal Abnormalities	-	-	-	-	-	-	-	-	-	- Male	Q00-Q99
	2	-	2	2	-	2	-	-	-	- Female	
	2	-	2	2	-	2	-	-	-	- Total	
Symptoms, Signs and Abnormal Clinical Laboratory Findings, not elsewhere classified	17	4	13	13	3	10	4	1	3	Male	R00-R99
	19	5	14	14	5	9	5	-	5	Female	
	36	9	27	27	8	19	9	1	8	Total	
Injury, Poisoning and Certain other Consequences of external causes	3	-	3	2	-	2	1	-	1	Male	S00-T98
	-	-	-	-	-	-	-	-	-	Female	
	3	-	3	2	-	2	1	-	1	Total	
External causes of Morbidity and Mortality	2	-	2	-	-	-	2	-	2	Male	V00-Y98
	-	-	-	-	-	-	2	-	2	Female	
	2	-	2	-	-	-	4	-	4	Total	
Factors influencing health status and contact with health services	4	4	-	4	4	-	-	-	-	Male	Z00-Z99
	-	-	-	-	-	-	-	-	-	Female	
	4	4	-	4	4	-	-	-	-	Total	
Other Diagnosis	3	-	3	2	-	2	1	-	1	Male	others
	-	-	-	-	-	-	-	-	-	Female	
	3	-	3	2	-	2	1	-	1	Total	
Total	118	21	97	85	16	69	33	5	28	Male	
	83	12	71	61	11	50	22	1	21	Female	
	201	33	168	146	27	119	55	6	49	Total	

Description	2003		2002		2001		2000		1999		
	%	No.	%	No.	%	No.	%	No.	%	No.	
Accident & Emergency	21.0	86,853	21.3	82,376	18.6	75,827	21.2	79,258	33.4	82,382	:
Road traffic accidents	0.5	2,140	0.5	1,895	0.4	1,719	0.4	1,517	0.6	1,486	
General practice	34.8	143,772	36.1	139,729	40.8	165,971	36.0	134,708	16.2	39,954	
Dental clinic	6.0	24,827	5.9	22,821	5.1	20,705	5.2	19,524	6.2	15,232	
Recruitment	0.9	3,712	1.2	4,553	0.8	3,241	1.3	4,885	1.3	3,306	
Consultant clinics:											
Medical	3.0	12,285	3.4	13,241	3.1	12,547	3.0	11,350	3.8	9,474	
Surgical	2.9	12,123	3.0	11,466	2.6	10,642	2.6	9,915	4.0	9,785	
Orthopedics	3.8	15,689	2.7	10,587	4.1	16,830	2.6	9,616	2.1	5,115	
Antenatal	7.1	29,275	5.8	22,475	6.0	24,330	6.5	24,286	5.9	14,482	
Paediatrics	2.5	10,167	2.8	10,771	2.8	11,327	3.1	11,559	3.9	9,716	
E.N.T.	3.3	13,807	3.6	13,960	3.7	15,148	3.5	13,033	4.2	10,281	
Urology	1.8	7,399	1.9	7,319	2.3	9,187	2.6	9,722	3.1	7,682	
Dermatology	2.3	9,629	2.5	9,638	2.5	10,350	2.3	8,614	2.8	6,940	
Trauma	1.9	7,707	2.2	8,632	1.0	3,982	2.7	10,052	3.8	9,239	
Psychiatric	0.1	402	0.3	1,010	0.1	456	0.1	403	0.2	390	
Ophthalmology	3.4	14,054	2.3	8,960	3.1	12,635	3.1	11,771	4.0	9,745	
Speech Therapy	0.9	3,681	0.8	3,002	0.3	1,149	0.6	2,322	0.3	698	
Sub-Total	96.1	397,522	96.2	372,435	97.4	396,046	96.8	362,535	95.8	235,907	
Cardiac Center											
Cardiac Medical	3.9	16,007	3.8	14,651	2.6	10,586	3.2	11,795	4.2	10,412	
Grand Total	100.0	413,529	100.0	387,086	100.0	406,632	100.0	374,330	100.0	246,319	



Refer: Table 10.11

مرجع: جدول 10.11

Category	% Bahraini	Total			Non-Bahraini			Bahraini		
		Total	Female	Male	Total	Female	Male	Total	Female	Male
Physicians	73	180	67	113	49	11	38	131	56	75
Dentists	100	9	6	3	-	-	-	9	6	3
Pharmacists & Technicians	58	36	30	6	15	11	4	21	19	2
Nurses	41	664	600	64	392	382	10	272	218	54
Practical Nurses	95	110	60	50	6	6	-	104	54	50
Dental Hygienists & Technicians	88	8	5	3	1	1	-	7	4	3
Laboratory Technologists & Technicians	79	62	51	11	13	11	2	49	40	9
Radiographers & Technicians	63	38	25	13	14	4	10	24	21	3
Physiotherapists	78	23	16	7	5	5	-	18	11	7
Occupational Therapist & other Health related Technicians	81	127	47	80	24	9	15	103	38	65

Procedures	2003		2002		2001		2000		1999	
	%	No.	%	No.	%	No.	%	No.	%	No.
Extraction										
Deciduous	3.3	779	3.5	839	3.5	843	3.5	818	4.0	721
Permanent	7.9	1,836	8.2	1,957	7.3	1,746	8.0	1,844	7.0	1,270
Restoration										
Amalgam	4.3	1,001	3.1	733	4.7	1,124	5.3	1,230	4.8	861
Plastic	10.7	2,492	8.9	2,123	5.7	1,370	4.5	1,051	5.2	939
Temporary	6.8	1,597	6.4	1,540	7.8	1,867	9.6	2,222	9.4	1,706
Periodontal disease	3.4	789	3.0	709	1.3	304	1.6	360	1.2	216
Scaling & polishing	17.7	4,135	14.7	3,518	12.9	3,093	11.3	2,608	9.9	1,783
Root canal treatment	3.2	748	2.9	685	2.3	545	1.8	425	1.7	305
Treatment	15.3	3,572	13.0	3,103	13.3	3,178	14.6	3,388	15.4	2,777
Surgical treatment	1.3	300	0.7	167	0.5	131	0.4	89	0.4	67
Orthodontics	5.5	1,277	5.8	1,385	6.4	1,533	8.0	1,861	9.6	1,741
Prosthesis	5.0	1,178	15.0	3,594	17.1	4,085	15.7	3,628	15.7	2,846
Others	15.6	3,632	15.0	3,594	17.1	4,085	15.7	3,628	15.7	2,846
Total	100.0	23,336	100.0	23,947	100.0	23,904	100.0	23,152	100.0	18,078

Department/Procedure	2003		2002		2001		2000		1999		/
	%	No.	%	No.	%	No.	%	No.	%	No.	
Surgical	15.0	1,261	19.6	1,838	19.4	1,725	18.4	1,627	16.3	1,383	
Ophthalmology	4.0	338	4.6	430	5.4	478	5.5	486	8.3	704	
Orthopedics	18.4	1,548	17.6	1,651	17.3	1,538	18.0	1,588	19.1	1,618	
E.N.T.	9.2	778	9.4	878	9.3	831	9.0	800	9.1	775	
Urology	12.4	1,046	9.3	874	11.6	1,035	10.5	930	11.5	972	
Obstetrics/Gynecology	18.7	1,575	16.1	1,510	15.6	1,392	14.3	1,265	16.5	1,397	
Dental	3.6	301	3.2	301	4.6	409	5.3	469	6.1	521	
E.S.W.L.	2.6	218	3.4	317	3.1	272	2.7	242	3.2	269	
Lasik	6.3	531	7.3	684	3.2	281	4.2	375	7.0	596	
ENT Dept. Laser Procedures	3.2	269	3.4	316	3.9	349	4.1	362	NA	NA	
Day Case Unit											
General	6.6	558	6.2	586	6.6	585	6.3	558	2.6	217	
Dental	-	-	-	-	-	-	1.6	142	0.4	30	
Total	100.0	8,423	100.0	9,385	100.0	8,895	100.0	8,844	100.0	8,482	

<i>Type of Test</i>	<i>2003</i>	<i>2002</i>	<i>2001</i>	<i>2000</i>	<i>1999</i>
Histology	4,538	4,673	4,623	4,300	4,561
Cytology	4,463	5,102	4,920	3,838	3,429
Microbiology	53,997	55,056	53,982	52,997	50,162
Haematology	130,998	115,375	112,732	105,010	97,826
Blood Bank	41,655	55,863	49,647	49,413	38,398
Biochemistry	332,661	298,578	261,304	217,683	407,944
Serology	65,534	67,615	61,784	72,449	58,085
Total	633,846	602,262	548,992	505,690	660,405

<i>Type of Procedure</i>	<i>2003</i>	<i>2002</i>	<i>2001</i>	<i>2000</i>	<i>1999</i>	
Skull, Mastoids, I.A.M. facial bones and Mandible joints	4,752	4,155	5,018	5,104	5,662	
Cervical spine and thoracic spine	7,215	6,656	6,343	5,688	5,638	
Long bones & short bones	10,155	9,824	8,986	8,221	9,359	
Shoulder, elbow, wrist, knee, ankle & hip	10,710	9,789	9,240	8,266	9,026	
Chest (including ribs, sternum & scapulae)	19,550	19,746	17,387	16,615	16,187	()
Abdomen (including pelvis)	8,394	7,836	7,507	7,358	9,260	()
Special procedures	2,173	2,154	2,609	2,595	2,754	
C.T. scan	3,047	2,927	2,827	2,200	1,887	
Ultra sound	10,527	10,274	11,036	9,598	9,001	
Mammography	518	426	452	423	459	
Nuclear medicine	475	497	501	379	306	
Magnetic Resonance Imaging	2,502	1,626	1,525	785	773	
Total	80,018	75,910	73,431	67,232	70,312	

Month	Total				Dead				Alive				
	Total		Female	Male	Total		Female	Male	Total		Female	Male	
	%	No.			%	No.			%	No.			
January	8.9	47	17	30	6.7	1	1	-	9.0	46	16	30	
February	5.9	31	9	22	13.3	2	1	1	5.7	29	8	21	
March	10.3	54	29	25	6.7	1	-	1	10.4	53	29	24	
April	8.2	43	20	23	6.7	1	-	1	8.2	42	20	22	
May	7.0	37	14	23	6.7	1	-	1	7.0	36	14	22	
June	13.9	73	17	56	13.3	2	1	1	13.9	71	16	55	
July	8.2	43	27	16	-	-	-	-	8.4	43	27	16	
August	6.5	34	15	19	-	-	-	-	6.7	34	15	19	
September	7.0	37	19	18	20.0	3	2	1	6.7	34	17	17	
October	8.6	45	19	26	13.3	2	1	1	8.4	43	18	25	
November	5.9	31	16	15	-	-	-	-	6.1	31	16	15	
December	9.7	51	27	24	-	2	-	2	9.6	49	27	22	
Total	100.0	526	229	297	86.7	15	6	9	100.0	511	223	288	