

17 Profiles of providers visited during the study period

Table Brief description of providers visited		
Al-Olofi Medical Centre, Sana'a		
Staff	Total number: 40. 9 physicians: 2 paediatricians 3 gynaecologists 2 laboratory specialists 1 dentist	
Outpatients	Close to 8,000 per month	
Inpatient	1-2 cases per year; 2 beds for emergency delivery available	
Tariffs	Consultation	50 YR
	Gynaecological examination	100 YR
	Ultrasound	800 YR
Financing	July 2005: <ul style="list-style-type: none"> • Running costs: 941,632 YR • Cost-sharing income 852,900 YR • Transfer MoF: 1,499,000 YR • Family Planning: 58,320 YR 	
Athawra Hospital Sana'a (Public hospital)		
Public tertiary care institution		
Staff	≈ 450 physicians; 5 representatives of the Min of Finance	
Number of beds	863; including 8 ICU's with 68 ICU-beds, and including Heart Centre 3 categories of beds: A =VIP 10,000 YR/day B = 2-3 beds/room, 1,600 – 2,000 YR/day C = general (6 beds/room, 800 – 1,000 YR/day)	
OPT	Total number of cases in 2004	249,356
	• Monthly average: cases	20,780
	○ Daily average: cases	837
Cardiac Centre	Available beds	
	Heart surgery	32
	Cardiology	32
	Paediatric cardiology	16
	ICU cardiology (int. med.)	7
	ICU postoperative	12
	ICU post catheterisation	8
	Total	107
Health Centre (near Dammar)		
Staff	10 people: 1 (male) nurse, 2 midwives, 1 immunisation officer, 1 pharmaceutical technician, 3 administrators, 1 administration director, 1 cleaner	
Number of beds	2 beds for delivery	
Target population	≈ 5,000 persons	
Production	Average 10 patients per day, 5-6 deliveries per month	
Epidemiological pattern	Mostly diarrhoea, respiratory infections, malaria, typhoid fever; 2 cases of maternal death in 2004	
Fees	Physical examination: 20 YR (+ 10 YR unofficially) Dressing: 50 - 200 YR (higher price for stitches)	

Table Brief description of providers visited	
Pricelist	A very comprehensive and detailed price-list is available in Al-Saeed-Hospital listing all available services according to departments and running numbers (see H024)
Users	About 50 % of patients are employees of Hayel-Saeed Group companies.
Contracting	The Al Saeed Hospital has contracts with various companies and institutions in Taiz and also in other areas: Exxon Oil Company, Refinery of Aden that comprise a 10 % discount for all services and cost-free treatment for employees because the enterprise reimburses directly. The University of Taiz has contracted the hospital through the affiliation of the higher teaching staff to the Hayel-Saeed-Insurance scheme.
Dhula'a Hamdan Education Hospital	
Staff	86 persons; 13 physicians + 5 dentists; 7 general practitioners, 3 surgeons, 1 specialist for ENT, paediatrics and 3 gynaecologists; 7 laboratory specialists, 2 midwives.
Number of beds	12 beds, inpatient treatment and surgery on new operation theatre are starting up right now.
Pricelist	Differentiated list of fees available at the cashier; e.g. gynaecological ultrasound 700 YR, normal delivery free of charge (!); midwife attended delivery at domicile 3,000 – 7,000 YR according to ability to pay; family planning (10-20 cases/day) also free of charge! Dental care: Extraction 150m, filling 600 YR.
Cost-sharing	40 % for maintenance and inputs, 40 % for overtime and extra-duty of personnel, 10 % hospital (=local health) council president. 2-3 exemptions among average 18 patients per day.
Level	Upgraded to rural hospital since 1,5 years; 2 new operation theatres are ready for be installed and used, no patients so far.
Health Centre Hababah (Gov. of Amran)	
Staff	6 employees: 1 director, 1 physician, 1 medical assistant, 1 pharmacological technician, 1 laboratory technician, 1 midwife.
Number of beds	2 beds available, occupation unclear.
Pricelist	Available at the entrance
Patients	Average 15 patients per day (attention shared between physician and medical assistant). Vaccination indoor and in the field.
26th of September Hospital Matnah	
Level	District and referral hospital of the Sana'a Governorate; all basic specialties are available (surgery, internal medicine, gynaecology, paediatrics).
Staff	Approximately total number of 100 employees, around 150 will be accounted on employment lists and receive salaries. Physicians: 19 (13 Yemeni, 6 Russians): 10 general practitioners; 2 surgeons; 2 specialists for internal medicine and ENT, respectively; 1 paediatrician; 1 urologist; 1 gynaecologist. 31 nurses (2 Bulgarian, 6 Indian); 2 midwives.
Number of beds	60 beds available; occupation-rate highest between April and August, low before Ramadan. 2 ambulances run by the hospital.
Number of patients	Approximately 100 persons in out-patient clinic and emergency. Number of inpatients variable.
Laboratory	All current laboratory examinations (blood cell count, physiology, serology, bacteriology, etc.) and blood bank available. Average 20 laboratory tests per

Table Brief description of providers visited	
	day (in- and outpatient).
Pricelist	A price list is available on demand, but it is not publicly presented in the hospital, neither for inpatient care.
Cost-sharing	<p>Estimated at 30 % of total hospital budget, the major part is financed by the MoPH&P.</p> <p>Distribution of official income through user fees:</p> <ul style="list-style-type: none"> • 40 % → staff according to performance and category (e.g. doctors receive 10 % and nurses only 6 % of the payment for all services they are involved in directly (operation, diagnostic procedure, etc.) or indirectly (laboratory or x-ray demanded). • 60 % → purchase of inputs, maintenance etc. <p>Exemptions are estimated at about 50 % of the cases!! Statistical data available, but currently not accessible.</p>
Under-the-table payment	<p>Extra-payment to health workers is very common and broadly accepted as unavoidable precondition for access to care. For operating specialists, unofficial payments amount to one third up to half of the cost-sharing fees, for other professional groups it seems to be lower.</p> <p>Except for emergency cases, access to treatment depends mostly on the willingness to pay extra money to health workers.</p>
Health Centre Massiab	
Staff	Total number of 11 employees: 1 direct (local sheikh), 1 assistant doctor, 2 nurses, 1 laboratory technician, 6 (!) guards
Number of patients	Average 3-5 patients daily seen by one of the staff; however affluence is very irregular, no patient at all in many days; currently the whole staff is told to be in vaccination campaign.
Facility	Spacious solid building, basic services like toilet as well as specific equipment (laboratory) completely out of work.
Budget	The monthly total budget without salaries is 50,000 YR; the money is transferred directly to the director, but staff claims that nothing is put into the health centre. People say that the money remains with the local sheikh, and the 6 guards remained invisible; this information has already been gathered by the health committee of the Al-Shura Council (Dr. Makki).
Cost-sharing	According to information of the assistant doctor treatment is given completely free of charges for propaganda reasons in order to attract people to the centre that was reopened 20 ago after a period of inactivity.

18 Production Al-Thawra Hospital, Sana'a

Outpatient service delivery according to month and department of Al-Thawra Hospital 2004											
Month	Daytime	Psychiatrics	Neurology	Dermatology	Internal Medicine	Ophthalmology	ENT	Dental care	Gynaecology	Paediatrics	Urology
January	Morning	257	412	1168	1600	1928	1728	859	916	1087	677
	Afternoon	0	116	71	504	246	148	88	0	890	163
February	Morning	340	1400	1200	2900	1600	1900	676	1700	1600	500
	Afternoon	80	300	200	550	200	210	45	200	150	200
March	Morning	329	719	1608	2120	1500	1980	1162	829	1658	1600
	Afternoon	50	101	94	608	300	214	84	65	154	700
April	Morning	510	500	1445	1966	2849	1867	930	1500	830	836
	Afternoon	80	200	91	545	130	141	62	80	100	279
May	Morning	254	813	1229	2017	1867	1825	1065	919	1199	842
	Afternoon	15	131	89	606	120	96	88	25	85	236
June	Morning	371	500	1300	1930	2998	2050	1471	850	800	900
	Afternoon	50	300	300	1100	300	100	60	100	400	600
July	Morning	229	971	1740	2297	1150	1901	1336	950	1272	1113
	Afternoon	15	71	106	578	200	108	117	42	97	483
August	Morning	261	850	1300	2463	1356	1796	1329	943	950	1024
	Afternoon	20	150	300	594	269	107	81	110	200	783
September	Morning	227	600	1859	1526	1206	2000	450	796	900	1000
	Afternoon	52	200	152	378	138	180	100	20	200	200
October	Morning	500	575	900	2800	1000	1600	700	1250	800	1350
	Afternoon	50	0	200	500	200	400	50	150	150	250
November	Morning	380	700	980	3160	2230	2100	700	652	830	1100
	Afternoon	25	200	250	1030	350	600	50	30	175	130
December	Morning	450	890	1801	3765	1890	2086	1210	1772	1500	1769

	Afternoon	30	300	150	750	300	400	50	206	408	325	
Total 2004 morning		4108	8930	16530	28544	21574	22833	11888	13077	13426	12711	
Total 2004 afternoon		467	2069	2003	7743	2753	2704	875	1028	3009	4349	
Total 2004		4575	10999	18533	36287	24327	25537	12763	14105	16435	17060	
Proportion (%)		1,8	4,4	7,4	14,6	9,8	10,2	5,1	5,7	6,6	6,8	
Month	Daytime	Urology	General Surgery	Orthopaedics	Neurosurgery	Haematology	Nephrology	Cardiology	Maxillo-facial	Morning	After-noon	Total
January	Morning	677	1133	1163	266	165	552	1091	273	15275	2693	17968
	Afternoon	163	146	131	10	0	123	0	57			
February	Morning	500	400	1800	350	60	536	600	215	17777	2982	20759
	Afternoon	200	150	250	150	0	219	0	78			
March	Morning	1600	1412	1500	369	170	818	650	222	18646	3523	22169
	Afternoon	700	205	500	24	0	219	0	205			
April	Morning	836	1650	1300	305	184	756	650	267	18345	2594	20939
	Afternoon	279	238	300	95	0	188	0	65			
May	Morning	842	1000	1200	344	143	438	1354	249	16758	2310	19068
	Afternoon	236	400	216	16	0	136	0	51			
June	Morning	900	1000	1500	341	180	425	464	234	17314	4262	21576
	Afternoon	600	300	400	17	0	150	0	85			
July	Morning	1113	1053	1000	253	180	420	1063	314	17242	2617	19859
	Afternoon	483	318	300	19	0	126	0	37			
August	Morning	1024	1080	1356	900	101	753	1200	291	17953	3382	21335
	Afternoon	783	333	169	80	0	164	0	22			
September	Morning	1000	950	1206	700	125	350	840	350	15085	2258	17343
	Afternoon	200	110	138	150	0	150	0	90			
October	Morning	1350	1200	1600	700	156	600	540	300	16571	2910	19481
	Afternoon	250	350	200	150	0	200	0	60			
November	Morning	1100	950	1230	630	129	830	520	300	17421	3291	20712
	Afternoon	130	115	106	50	0	150	0	30			

December	Morning	1769	1830	1750	780	147	1543	784	344	24311	3836	28147
	Afternoon	325	200	464	80	0	110	0	63			
Total 2004 morning		12711	13658	16605	5938	1740	8021	9756	3359	212698	36658	249356
Total 2004 afternoon		4349	2865	3174	841	0	1935	0	843			
Total 2004		17060	16523	19779	6779	1740	9956	9756	4202		Total	249356
Proportion (%)		6,8	6,6	7,9	2,7	0,7	4,0	3,9	1,7			100

Hospital admission														
		Dutytime	January		February		March		April		May		June	
Int. Med.	الباطنية	Morning	222	337	223	347	235	363	334	474	291	423	297	473
		Afternoon	115	34,1	124	34,1	128	34,1	140	34,1	132	34,1	176	34,1
Psychiatrics	النفسية	Morning	13	13	19	30	18	26	26	31	26	39	19	26
		Afternoon	0	0	11	0	8	0	5	0	13	0	7	0
General Surgery	الجراحة العامة	Morning	129	181	110	174	125	194	116	184	144	227	158	264
		Afternoon	52	28,7	64	28,7	69	28,7	68	28,7	83	28,7	106	28,7
Neurosurgery	المخ والأعصاب	Morning	71	102	59	90	76	107	72	91	74	95	72	108
		Afternoon	31	30,4	31	30,4	31	30,4	19	30,4	21	30,4	36	30,4
Ophthalmology	العيون	Morning	46	58	31	46	53	76	40	69	32	55	41	72
		Afternoon	12	20,7	15	20,7	23	20,7	29	20,7	23	20,7	31	20,7
Head	الرأس	Morning	54	75	48	77	56	88	63	125	41	74	55	109
		Afternoon	21	28	29	28	32	28	62	28	33	28	54	28
Maxillofacial	الوجه والفكين	Morning	19	21	15	21	34	40	25	44	35	47	34	56
		Afternoon	2	9,52	6	9,52	6	9,52	19	9,52	12	9,52	22	9,52
Urology	المسالك البولية	Morning	45	55	39	55	49	60	48	56	47	57	53	73
		Afternoon	10	18,2	16	18,2	11	18,2	8	18,2	10	18,2	20	18,2
Gynaecology	النساء والولادة	Morning	977	977	942	942	881	881	972	972	966	966	982	982
		Afternoon	62	83	50	77	70	102	64	89	55	76	52	74

Paediatrics	الأطفال	Morning	21	25,3	27	25,3	32	25,3	25	25,3	21	25,3	22	25,3
		Afternoon	63	82	49	65	61	78	48	69	58	77	49	80
Orthopaedics	العظام	Morning	19	23,2	16	23,2	17	23,2	21	23,2	19	23,2	31	23,2
		Afternoon	73	104	61	100	81	123	72	121	69	103	63	119
Nephrology	الكلى	Morning	31	29,8	39	29,8	42	29,8	49	29,8	34	29,8	56	29,8
		Afternoon												
Total			2088		2024		2138		2325		2239		2436	

		Dutytime	July		August		September		October		November		December	
Int. Med.	الباطنية	Morning	270	426	323	471	313	481	268	404	255	387	319	470
		Afternoon	156	34,1	148	34,1	168	34,1	136	34,1	132	34,1	151	34,1
Psychiatrics	النفسية	Morning	19	20	23	26	25	30	10	21	15	16	17	21
		Afternoon	1	0	3	0	5	0	11	0	1	0	4	0
General Surgery	الجراحة العامة	Morning	155	250	163	249	199	320	158	248	164	257	223	347
		Afternoon	95	28,7	86	28,7	121	28,7	90	28,7	93	28,7	124	28,7
Neurosurgery	المخ والأعصاب	Morning	64	91	74	116	59	92	63	83	64	84	66	91
		Afternoon	27	30,4	42	30,4	33	30,4	20	30,4	20	30,4	25	30,4
Ophthalmology	العيون	Morning	42	62	47	72	47	68	43	59	33	41	48	61
		Afternoon	20	20,7	25	20,7	21	20,7	16	20,7	8	20,7	13	20,7
Head	السرأس	Morning	92	163	95	160	73	123	53	72	42	52	64	98
		Afternoon	71	28	65	28	50	28	19	28	10	28	34	28
Maxillofacial	الوجه والفكين	Morning	23	33	39	55	36	49	22	23	27	31	30	32
		Afternoon	10	9,52	16	9,52	13	9,52	1	9,52	4	9,52	2	9,52
Urology	المسالك البولية	Morning	56	76	52	65	42	73	58	76	47	58	43	57
		Afternoon	20	18,2	13	18,2	31	18,2	18	18,2	11	18,2	14	18,2
Gynaecology	النساء والولادة	Morning	1069	1069	1071	1071	533	533	1065	1065	1019	1019	1047	1047

		Afternoon	53	80	61	91	515	570	65	98	61	88	68	98
Paediatrics	الأطفال	Morning	27	25,3	30	25,3	55	25,3	33	25,3	27	25,3	30	25,3
		Afternoon	58	88	59	80	66	107	45	57	44	57	46	57
Orthopaedics	العظام	Morning	30	23,2	21	23,2	41	23,2	12	23,2	13	23,2	11	23,2
		Afternoon	86	147	76	122	63	106	64	89	68	101	81	121
Nephrology	الكلى	Morning	61	29,8	46	29,8	43	29,8	25	29,8	33	29,8	40	29,8
		Afternoon												
	Total		2505		2578		2552		2295		2191		2500	

Occupation of beds per month 2004										
		N ^o beds	January		February		March		April	
			No.	%	No.	%	No.	%	No.	%
General surgery	الجراحة العامة	60	1837	84,65	1579	93,41	2027	72,76	1903	87,70
Male internal medicine	الباطنية رجال	23	526	65,26	626	93,41	723	77,67	644	87,70
Female int. medicine	الباطنية نساء	16	460	57,07	489	89,70	552	60,67	571	79,90
Cardiology	أمراض القلب	20	499	114,98	493	68,49	557	113,59	541	70,84
Gynaecology	أمراض النساء	11	494	79,68	396	128,34	562	63,87	489	124,65
Normal delivery	الولادة	21	498	73,02	443	90,65	465	64,96	515	78,87
Psychiatrics	الأمراض النفسية	19	362	53,08	347	68,18	530	50,88	495	75,51
Nephrology	أمراض الكلى	28	1077	66,81	974	77,71	1303	60,42	1216	72,58
Paediatrics	قسم الأطفال	20	615	94,47	560	80,83	591	86,02	596	75,43
Orthopaedics	قسم العظام	45	1493	75,25	1275	90,78	1334	64,26	1285	91,55
Neurosurgery	المخ والأعصاب	38	1235	104,84	1140	67,24	1259	96,77	1166	64,77
Ophthalmology	قسم العيون	12	159	42,74	152	106,88	219	40,86	260	98,98
Urology	المسالك البولية	26	736	69,83	460	58,87	721	43,64	720	69,89

ENT	الأنف والأذن والحنجرة	12	303	81,45	218	68,41	285	58,6	353	68,31
Maxillofacial	الوجه والفكين	8	199	53,49	137	76,61	177	36,83	232	94,89
ICU Int. Med.	عناية مركزة باطنية	10	282	90,97	265	47,58	281	85,48	280	62,37
ICU Postop.	عناية مركزة جراحة	6	236	95,16	203	90,65	216	81,85	226	90,32
ICU Heart Centre	عناية مركزة مركز القلب	6	171	68,95	158	87,10	169	63,71	175	91,13
ICU paediatrics	عناية مركزة الأطفال	8	177	95,16	207	68,15	187	111,29	208	70,56
ICU emergency	عناية مركزة الطوارئ	7	194	104,30	176	100,54	169	94,62	183	111,83
ICU Cardiology	عناية مركزة القلب	8	213	114,52	112	90,86	184	60,22	218	98,39
Male priv. department	الطابق الخاص رجال	16	729	97,98	666	98,92	745	89,52	726	117,20
Fem. priv. department	الطابق الخاص نساء	31	880	88,71	698	100,13	938	70,36	920	97,58
ICU neurosurgery	عناية مركزة مخ وأعصاب	6	55	29,57	153	94,56	162	82,26	176	92,74
Total hospital days	مجموع أيام الإشغال	457	13430	78,63	11774	87,10	14194	68,93	13922	94,62
Average duration	نسبة الإشغال		2538,12	81,87	2164,61	83,10	2605,44	74,64	2558,62	81,51

Occupation of beds per month 2004									
		May		June		July		August	
		No.	%	No.	%	No.	%	No.	%
General surgery	الجراحة العامة	1868	100,43	1738	93,44	1944	104,52	1885	101,34
Male internal medicine	الباطنية رجال	657	100,43	566	93,44	741	104,52	774	108,56
Female internal medicine	الباطنية نساء	577	92,15	578	79,38	597	103,93	566	114,11
Cardiology	أمراض القلب	552	116,33	470	116,53	596	120,36	552	89,03
Gynaecology	أمراض النساء	557	89,03	493	75,81	481	96,13	429	125,81
Normal delivery	الولادة	554	163,34	543	144,57	547	141,06	559	85,87

General surgery	الجراحة العامة	2094	112,58	2175	67,46	1759	54,56	2847	88,31
Male internal medicine	الباطنية رجال	739	103,65	234	62,90	257	69,09	301	80,91
Female internal medicine	الباطنية نساء	589	118,75	154	41,40	182	48,92	332	89,25
Cardiology	أمراض القلب	540	87,10	206	55,38	203	54,57	324	87,10
Gynaecology	أمراض النساء	437	128,15	1338	67,44	1092	55,04	1186	59,78
Normal delivery	الولادة	493	75,73	171	91,94	188	101,08	185	99,46
Psychiatrics	الأمراض النفسية	512	86,93	339	45,56	135	18,15	162	21,77
Nephrology	أمراض الكلى	1178	135,71	32	3,23	25	2,52	34	3,43
Paediatrics	قسم الأطفال	558	90,00	37	19,89	0	0,00	128	68,82
Orthopaedics	قسم العظام	1279	91,68	702	87,10	560	69,48	765	94,91
Neurosurgery	المخ والأعصاب	1087	92,28	0	0,00	0	0,00	0	0,00
Ophthalmology	قسم العيون	253	68,01	596	50,59	653	55,43	749	63,58
Urology	المسالك البولية	763	94,67	576	132,72	509	117,28	582	134,10
ENT	الأنف والأذن والحنجرة	324	87,10	1099	93,29	1009	85,65	1111	94,31
Maxillofacial	الوجه والفكين	288	116,13	201	81,05	215	86,69	235	94,76
ICU Int. Med.	عناية مركزة باطنية	269	86,77	275	88,71	270	87,10	292	94,19
ICU Postop.	عناية مركزة جراحة	185	99,46	556	81,52	421	61,73	483	70,82
ICU Heart Centre	عناية مركزة مركز القلب	186	100,00	390	62,90	253	40,81	515	83,06
ICU paediatrics	عناية مركزة الأطفال	231	93,15	313	45,89	297	43,55	477	69,94
ICU emergency	عناية مركزة الطوارئ	195	89,86	602	92,47	576	88,48	609	93,55
ICU Cardiology	عناية مركزة القلب	90	36,29	230	123,66	232	124,73	234	125,81
Male priv. department	الطابق الخاص رجال	387	78,02	188	101,08	178	95,70	204	109,68

Fem. priv. department	الطابق الخاص نساء	433	45,06	867	87,40	676	68,15	823	82,96
ICU neurosurgery	عناية مركزة مخ وأعصاب	142	76,34	918	92,54	356	35,89	1259	126,92
Total hospital days	مجموع أيام الإشغال	13110	92,54	305	57,87	199	37,76	415	78,75
Average duration	نسبة الإشغال	2405,08	82,93	194	78,23	174	70,16	215	86,69

Accidents														
Month	Activity	Various accidents	Fighting				Car accident				Gun shot			
			Male	Female	Children	Male	Female	Children	بمقر العمل	أخرى	Children			
January	يناير	3	94	89	5	0	110	97	1	12	31	29	2	0
February	فبراير	3	94	96	0	1	97	87	2	8	25	22	2	1
March	مارس	4	95	94	5	0	114	110	4	0	32	30	2	0
April	أبريل	2	93	92	2	1	132	110	0	22	23	21	2	0
May	مايو	0	128	126	1	1	137	130	0	7	28	28	0	0
June	يونيو	0	147	145	2	0	155	130	4	21	30	30	0	0
July	يوليو	1	168	161	5	3	143	133	3	7	38	38	0	0
August	أغسطس	6	130	136	0	0	150	125	0	25	35	35	0	0
September	سبتمبر	6	115	114	6	1	133	115	1	17	54	54	0	0
October	أكتوبر	2	157	154	6	3	142	110	7	25	33	30	1	2
November	نوفمبر	5	128	117	14	2	186	153	12	21	34	31	2	1
December	ديسمبر	0	119	111	3	5	170	135	9	26	37	36	1	0
	Total	32	1468	1435	49	17	1669	1435	43	191	400	384	12	4
	Percentage	1,34	34,41	31,45	3,76	0,54	50,00	41,13	3,23	5,65	9,14	8,33	0,54	0,27

Accidents

	Activity	Fall-down				Hit by falling object				Burns	Work accident
		Total	Male	Female	Children	Total	Male	Female	Children	Male	
	Month										
January	يناير	5	4	0	1	1	1	0	0	0	5
February	فبراير	2	2	0	0	1	1	0	0	0	7
March	مارس	8	6	0	2	2	2	0	0	0	11
April	ابريل	4	4	0	0	2	2	0	0	0	4
May	مايو	5	3	0	2	2	2	0	0	0	10
June	يونيو	7	6	0	1	7	6	0	1	0	15
July	يوليو	7	7	0	0	5	5	0	0	0	7
August	أغسطس	3	2	0	1	4	4	0	0	0	9
September	سبتمبر	9	6	0	3	5	4	0	1	0	6
October	اكتوبر	9	3	4	2	2	0	0	2	1	3
November	نوفمبر	2	0	0	2	1	1	0	0	0	10
December	ديسمبر	6	4	0	2	2	2	0	0	1	8
	Total	67	47	4	16	34	30	0	4	2	95
	Percentage	0,54	0,00	0,00	0,00	0,00	0,27	0,00	0,00	0,00	2,69

Accidents										
	Activity	Death admission				Others				Total
		Male	Female	Children	Male	Female	Children			
	Month									
January	يناير	3	3	0	0	4	6	0	1	256
February	فبراير	2	2	0	0	3	3	0	0	234
March	مارس	1	1	0	0	5	4	0	1	272
April	ابريل	2	2	0	0	1	1	0	0	263
May	مايو	2	2	0	0	2	1	0	1	314
June	يونيو	1	1	0	0	2	0	1	1	364

July	يوليو	1	1	0	0	3	3	0	0	373
August	أغسطس	1	1	0	0	0	0	0	0	338
September	سبتمبر	0	0	0	0	1	1	0	0	329
October	أكتوبر	2	2	0	0	4	1	0	0	355
November	نوفمبر	4	3	0	1	2	0	0	0	372
December	ديسمبر	2	2	0	0	3	2	0	2	348
	Total	21	20	0	1	30	22	1	6	3818
	Percentage	1,08	0,81	0,00	0,27	0,54	0,00	0,00	0,00	100.0

Surgical and endoscopy interventions 2004											
Month	General Surgery	Orthopaedics	Neuro-surgery	Ophthalmology	ENT	Urology	Maxillo-facial	Gynaecology	Minor surgery	Cystoscop. kidney stone removal	Laparoscop. cholecystect.
January	91	112	53	76	128	36	54	37	25	9	21
February	75	75	31	69	87	25	40	25	30	8	12
March	103	88	61	95	108	39	67	61	35	0	16
April	100	83	40	77	146	36	63	45	31	1	15
May	95	89	66	51	100	30	52	50	35	6	14
June	127	93	46	103	118	36	56	42	39	9	15
July	104	107	51	67	167	49	54	51	29	3	22
August	100	110	52	91	229	49	61	39	38	3	16
September	135	96	52	76	177	25	56	46	39	7	12
October	134	93	44	61	103	32	33	26	21	0	17
November	86	89	30	48	82	30	41	12	16	0	3
December	125	84	56	115	138	31	69	53	22	9	25
Total 2004	1275	1119	582	929	1583	418	646	487	360	55	188
Proportion (%)	8,51	7,47	3,88	6,20	10,57	2,79	4,31	3,25	2,40	0,37	1,25
Month											

Surgical and endoscopy interventions 2004										
	Endoscopic al general surgery	Endoscopic cholecyst- ectomy	Oesophageal endoscopy	Caesaerean sectios	Litho- tripsy	Emergency operation	Heart surgery	Catheteri- sations	Pace- maker	Total
January	6	30	22	160	27	70	75	31	0	1063
February	1	18	27	185	23	71	38	38	0	878
March	3	40	48	162	44	96	58	119	2	1245
April	7	20	61	207	32	89	68	133	7	1261
May	1	35	48	206	48	72	57	145	6	1206
June	3	30	65	239	31	101	62	104	10	1329
July	7	44	44	222	78	117	61	117	13	1407
August	3	46	69	226	52	134	74	117	18	1527
September	3	33	44	225	48	123	72	147	12	1428
October	10	19	50	242	57	102	90	129	11	1274
November	5	23	12	199	18	74	63	69	2	902
December	13	32	25	179	57	105	179	137	7	1461
Total 2004	62	370	515	2452	515	1154	897	1286	88	14981
Proportion (%)	0,41	2,47	3,44	16,37	3,44	7,70	5,99	8,58	0,59	100,0

Gynaecology							
Month	Activity	Deliveries				Paranatal complications	Total
		Normal deliveries	Caesarean sectios	Others	Total		
January	يناير	613	106	107	826	54	880
February	فبراير	573	100	92	765	85	850
March	مارس	538	117	96	751	45	796
April	ابريل	536	129	118	783	78	861

May	مايو	587	129	92	808	77	885
June	يونيو	536	132	113	781	107	888
July	يوليو	642	126	101	869	96	965
August	أغسطس	631	135	114	880	91	971
September	سبتمبر	568	111	119	798	114	912
October	أكتوبر	710	138	42	890	104	994
November	نوفمبر	708	106	103	917	93	1010
December	ديسمبر	735	110	69	914	102	1016
	Total	7377	1439	1166	9982	1046	11028
	Percentage	66,89	13,05	10,57	90,52	9,48	100

Heart Centre Annual Production 2004									
Service	Heart surgery		Catheterisation		Pacemakers 2004		Total	Available beds in heart centre	
Month	Open	Closed	Diagnostic	Balloon dilatation	Temporary	Continuous	No. of services	Heart surgery	32
January	68	7	6	25	0	0	106	Cardiology	32
February	35	3	16	22	0	0	76	Paeditric cardiology	16
March	52	6	72	47	1	1	179	ICU cardiology (int. med.)	7
April	63	5	82	51	2	5	208	ICU postoperative	12
May	54	3	107	38	2	4	208	ICU post catheterisation	8
June	56	6	80	24	5	5	176	Total	107
July	57	4	87	30	6	7	191		
August	69	5	90	27	10	8	209		
September	65	7	100	47	7	5	231		
October	85	5	42	87	7	4	230		
November	53	10	51	18	1	1	134		
December	162	17	103	34	5	2	323		
Total	819	78	836	450	46	42	2,271		

Fee per service US-\$	20,000	15,000	5,000	8,000	2,500	2,500			
Fee per service YR	3,740,000	2,805,000	935,000	1,496,000	467,500	467,500			
Total income US-\$	16,380,000	1,170,000	4,180,000	3,600,000	115,000	105,000	25,550,000		
Total income YR	3,063,060,000	218,790,000	781,660,000	673,200,000	21,505,000	19,635,000	4,777,850,000		

19 Elements of health care provision

(March 2004)

ESSENTIAL DRUG LISTS BY LEVEL OF UTILISATION

HEALTH UNITS = level 1

#	Drug	Form	Strength	VEN
	Common drugs			
1	Acetylsalicylic acid, double scored	tab	300mg	1
2	Paracetamol, double scored	tab	500mg	1
3	Paracetamol	syrup	24mg/ml	1
4	Chlorphenamine maleate	tab	4mg	1
5	Albendazole, chewable	tab	200mg	1
6	Phenoxymethyl penicillin	tab	250mg	1
7	Phenoxymethyl penicillin	susp.	25mg/ml	1
8	Metronidazole	tab	200mg	1
9	Metronidazole	susp.	200mg/5ml	1
10	Cotrimoxazole, scored	tab	400/80mg	1
11	Cotrimoxazole	susp.	40/8mg/ml	1
12	Benzoic acid + salicylic acid)	oint	6% + 3%	1
13	Chloroquine phosphate	tab	150mg base	1
14	Chloroquine phosphate	syrup	10mg/ml base	1
15	Primaquine	tab	7.5mg	1
16	Ferrous sulfate	tab	200mg (65mg iron)	1
17	Folic acid	tab	1mg	1
18	Ferrous Sulfate + Folic acid	tab	60mg base+0.25mg	1
19	Gentian violet	powd.	for dilution	1
20	Potassium permanganate	powd.	for dilution	1
21	Calamine	lotion	5%	1
22	Silver nitrate applicator	pencil		1
23	Sulphur in petrolatum	oint	6%	1
24	Zinc oxide	oint	10%	1
25	Chlorhexidine digluconate	sol	5% to dilute	1
26	PVP iodine	topic sol	10%	1
27	Methylated spirit(ethanol)	liq	90%	1
28	Peroxygen & Organic Acid	powd.	1% to dilute	1
29	Al/Mg hydroxide	tab	500mg	1
30	Senna	tab	7.5mg	1
31	Oral Rehydration Salt / ORS	powder	dilute to 750ml water bottle	1
32	Tetracycline HCL	eye oint.	1%	1
33	Simple linctus BP	syrup	BP	1
	Family Planning items			
34	Ocp Ethinylestradiol/levonorgestrel	pack	30/150microgram	1*
35	Ocp Ethinylestradiol/levonorgestrel	pack	50/250microgram	1*
36	Condom	pack		1
37	Spermicidal	vial		1
	EPI / Vaccinations items			
38	BCG vaccine (dried)	inj	20 dose	1
39	Diphtheria-Tetanus vaccine	inj	10 dose	1
40	Diphtheria-Pertussis-Tetanus vaccine	inj	10dose	1
41	Measles vaccine, live attenuated	inj	10 dose	1
42	Poliomyelitis vaccine, live attenuated	oral sol	10 dose	1
43	Tetanus toxoid vaccine	inj	10dose	1

HEALTH CENTRES (level 2)

#	Drug	Form	Strength	VEN
1	Oxygen (medical quality)	inhal		2
2	Lidocaine HCl	inj	2%	2
3	Lidocaine + adrenaline 1/100,000	inj	2%	2
4	Ibuprofen, scored	tab	200mg	2
5	Indomethacin	caps	25mg	2
6	Pethidine HCl	inj	50mg	2
7	Chlorphenamine maleate	inj	10mg/ml	2
8	Epinephrine (Adrenaline)	inj	1mg/ml	2
9	Prednisolone	tab	5mg	2
10	Diazepam	inj	5mg/ml	2
11	Phenobarbital, scored	tab	30mg	2
12	Phenytoin sodium	tab	50mg	2
13	Niclosamide	tab	500mg	2
14	Praziquantel	tab	600mg	2
15	Amoxicillin	tab	250mg	2
16	Amoxicillin	syrup	25mg/ml	2
17	Procaine benzyl penicillin	inj	1.2 mill. IU	2
18	Diloxanide furoate	tab	500mg	
19	Methyldopa	tab	250mg	2
20	Digoxin	tab	0.25mg/ml	2
21	Silver sulfadiazine	cream	1%	2
22	Hydrocortisone acetate	cream	1%	2
23	Gamma benzene hexachloride	lotion	1%	2
24	Fursamide, scored	tab	40mg	2
25	Fursamide	inj	10mg/ml	2
26	Promethazine sugar coated	tab	25mg	2
27	Antihaemorrhoidal ointment + hydrocortisone	oint	manufacturer composition	2
28	Hyosine N-butylbromide	tab	10mg	2
29	Hyosine N-butylbromide	inj	20mg/ml	2
30	Bisacodyl	tab	2mg	2
31	Copper containing IUD *			
32	Insulin (soluble) #	inj	100 IU/ml	2
33	Insulin (intermediate-acting) #	inj	100 IU/ml	2
34	Insulin Mixtrad (30/70) #	inj	100 IU/ml	2
35	Glibenclamide *	tab	5mg	2
36	Tolbutamide *	tab	500mg	2
37	Ergometrine maleate *	tab	0.2mg	2
38	Diazepam	inj	5mg /ml	2
39	Diazepam, scored	tab	5mg	2
40	Aminophylline	inj	25mg/ml	2
41	Salbutamol #	tab	4mg	2
42	Salbutamol #	syrup	2mg/ml	2
43	Theophylline #	tab	200mg/SR	2
44	Glucose 5%	inj	50 ml – amp	2
45	Sodium chloride 0.9%	inj sol		2
46	Dextrose 2.5% + Sodium chloride	inj sol	0.45%	2
47	Sodium compound	inj sol		2
48	Water for injection	inj		2

59	Retinol (vit. A)	soft cap	100,000 IU	2
60	Calcium lactate	tab	300mg	2
61	Multivitamin (as placebo)	tab		2

District Hospitals

#	Drug	Form	Strength	VEN
1	Nitrous Oxide (medical quality)	inhal		3
2	Atropin Sulphate	inj	1 mg/ml	3
4	Promethazin HCL	elixir	1 mg /ml bot. 100 ml	3
5	Diclofenac sodium	inj	25 mg /ml	3
6	Dexamethason (sodium phosphate)	inj	4 mg /ml	3
7	Hydrocortison (sodium succinate)	pow inj	100 mg -vial	3
8	Carbamazepine	tab	200 mg	3
9	Ethosuximide	caps	250 mg	3
10	Ampicillin	inj	500 mg / vial	3
11	Benzathin benzyl penicillin	pow inj	1.2 mill .IU	3
12	Benzyl penicillin (crystalline penicillin)	pow inj	1 million . IU	3
13	Chloramphenicol	caps	250 mg	3
14	Chloramphenicol	syrup	25 mg /ml bot -100 ml	3
15	Erythromycin	tab	250 mg	3
16	Erythromycin	syrup	25 mg/ml bot.100ml	3
17	Miconazole	oral/gel	25 mg /ml	3
18	Miconazole	pessary	100 mg or eq.	3
19	Chloroquine phosphate	inj	40 mg ml base amp 5 ml	3
20	Sulphadoxine/pyrimethamine	tab	500/25 mg	3
21	Propranolol	tab	40 mg	3
22	Atenolol, scored	tab	50 mg	3
23	Glyceryl trinitrate	sub tab	0.5 mg	3
24	Propranolol, double scored	tab	40 mg	3
25	Hydrochlorthiazide, scored	tab	25 mg	3
26	Betamethason valerate	oint.	0.1% -tube ,30 g	3
28	Rantidine	tab.	150 mg	3
29	Prednisolone	tab.	5 mg	3
30	Snake venom anti serum	inj	polyvalent	3
31	Rabies immuno-serum	inj	200 IU /ml	3
32	Rabies vaccine	inj	single - amp	3
33	Suxamethonium chloride or bromide	pow.inj	50 mg -vial	3
34	Gentamycin sulphate	eye drops	0.3 % -bot. 5 ml	3
35	Ergometrine maleate	inj.	0.2 mg /ml-amp-1 ml	3
36	Oxytocin	inj	10 IU /ml – amp	3
37	Chlorpromazin HCl	inj	25 mg /ml - amp 2ml	3
39	K-Chloride	tab	600 mg	3