



حقائق صحية ٢٠١٢

2012 HEALTH FACTS



الرؤية في 2050 Health Vision

Quality care, Sustained Health

عناية راقية وصحة مستدامة

إعداد: دائرة المعلومات والإحصاء - المديرية العامة للتخطيط
Prepared by: Department of Health Information & Statistics - Directorate General of Planning

LIVE BIRTHS*		المواليد الاحياء		
		2012	2011	2010
Ministry of Health	Omani	59,063	55,295	53,381
	Non-Omani	2,660	2,396	2,540
	Total	61,723	57,691	55,921
Other Government Health Providers	Omani	6,492	6,436	6,475
	Non-Omani	128	144	123
	Total	6,620	6,580	6,598
Private Institution	Omani	1,672	1,144	851
	Non-Omani	2,849	2,501	2,166
	Total	4,521	3,645	3,017
Others [§]	Omani	3	6	1
	Non-Omani	0	0	0
	Total	3	6	1
TOTAL	Omani	67,230	62,881	60,708
	Non-Omani	5,637	5,041	4,829
	Total	72,867	67,922	65,537

DEATHS*		الوفيات		
		2012	2011	2010
Ministry of Health	Omani	5,938	5,879	5,352
	Non-Omani	1,118	964	877
	Total	7,056	6,843	6,229
Other Government Health Providers	Omani	680	686	640
	Non-Omani	95	81	72
	Total	775	767	712
Private Institution	Omani	24	15	4
	Non-Omani	25	28	19
	Total	49	43	23
Others	Omani	4	14	9
	Non-Omani	0	0	2
	Total	4	14	11
TOTAL	Omani	6,646	6,594	6,005
	Non-Omani	1,238	1,073	970
	Total	7,884	7,667	6,975

* Source: Birth & Death Notification System
§ Home Live Births or outside Sultanate

EDUCATION IN MOH INSTITUTIONS		التعليم بمؤسسات وزارة الصحة		
		2012	2011	2010
التعليم الأساسي				
Enrolled	General Nursing	458	443	474
	Other Paramedics*	190	178	210
	Total	648	621	684
Graduates	General Nursing	371	485	483
	Other Paramedics*	168	204	178
	Total	539	689	661
التعليم بعد الأساسي				
Enrolled	Specialized Nursing#	242	188	205
	Others	18	-	10
	Total	260	188	215
Graduates	Specialized Nursing#	215	193	213
	Other Paramedics**	31	27	0
	Total	246	220	213

* Other Paramedics includes Lab technicians, Radiographers, Physiotherapists, Dental Surgery Asst., Asst. Pharmacist, Medical records.

Specialized Nursing includes: Nephrology Midwifery, Critical Care in paediatrics & Neonatology, nursing administration, ICU and Mental Health.

** Health Educator

Expenditures		المصروفات		
		2012	2011	2010
MOH expenditure (million R.O)	Recurrent	448.1	383.8	327.2
	Development	33.9	38.9	48.8
	Total	482	422.7	376
MOH expenditure per capita (R.O)	Recurrent	123.7	109.0	101.1
	Development	9.4	11.1	15.1
	Total	133.1	120.1	116.2
G.D.P at current prices (million R.O)*		30,033.6	26,904.2	22,613.6
G.D.P per capita (R.O)*		8,289.7	7,425.9	6,841.7
Gross National Income (GNI) (million R.O)*		n.a.	25674.2	21,552.0
GNI per capita (R.O)*		n.a.	7792	7772.0

* Provisional for 2012

Renal Dialysis in Ministry of Health Institutions		غسيل الكلى في مؤسسات وزارة الصحة		
Indicators		2012	2011	2010
No. of beds		202	196	184
No. of Patients on Dialysis		1,221	1,072	946
Total number of Sessions		153,722	140,698	122,677
Mean No of Sessions per patient per month		11.0	11.4	11.8

تطور خدمات التبرع بالدم في مؤسسات وزارة الصحة

Blood Donors in Ministry of Health Institution	2012	2011	2010
Total Donors	51,588	47,413	46,704
% Omani donors	72.9	76.1	76.7
% Deferred Units Post Donation			
HbsAG Positive	0.1	1	1
Anti Hbc	8.6	11.9	14.7
HCV Positive	0.4	0.5	0.7
VDRL/TPHA	0.1	0.2	0.2
HIV Positive	0.01	0.01	0.01
Others	0.03	0.2	1.8
Deferred Units - Pre-Donation	7,947	9,361	7,068

IMMUNISATION COVERAGE		التحصين (التغطية)		
		2012	2011	2010
BCG		100.0%	99.0%	99.0%
OPV-3		98.0%	99.0%	99.0%
DPT-3		98.0%	99.0%	99.0%
Measles		100.0%	99.0%	99.9%
Hepatitis B -3		98.0%	99.0%	99.0%

PRINCIPAL NOTIFIABLE DISEASES

Disease	2012	2011	2010
Measles*	3	5	3
Rubella	2	1	2
Acute Poliomyelitis	0	0	0
Meningococcal infection	0	1	1
Tetanus neonatorum	0	0	0
Typhoid and paratyphoid fever	75	40	51
Malaria	2,051	1,532	1,193
Whooping Cough (Pertussis)	130	56	34
Viral hepatitis (all)	659	667	411
Pulmonary Tuberculosis@	130	128	103
HIV/AIDS@	127	148	143
Chicken Pox	36,455	53,382	18,264
Food poisoning including Salmonella	323	295	764
Mumps	679	716	575
Brucellosis	148	126	95

* confirmed cases
@ Only Omani Nationals

Out Patient Morbidity (New Cases only) (Rates per 10,000 population)	2012	2011	2010
Communicable Diseases*	6,745	5,938	6,301
Airborne infection	5,340	4,755	5,017
From Contaminated hands, food, water.	555	520	554
Through Skin & Mucous Membrane (Contact/Penetration)	674	664	729
Non Communicable*	9,083	9,390	10,276
Endocrine, Nutritional, Metabolic & Immunity Disorders	267	258	278
Disease of Blood & Blood Forming Organs	159	141	160
Diseases of the Nervous System & Mental Disorders	110	79	82
Diseases of the Eye & adnexa	201	238	380
Disorders of the Ear & Mastoid process	301	293	331
Diseases of the Circulatory System	271	268	301
Diseases of the Respiratory System	407	963	1,544
Diseases of the Digestive System	1,540	1,547	1,700
Disorders of the Breast	22	25	33
Diseases Of The Skin & Subcutaneous tissue	593	647	720
Diseases of the Musculoskeletal System & Connective Tissues	1,199	1,096	1,205
Diseases of the Urinary System	196	221	266
Diseases of the Male Genital System	36	39	43
Diseases of the Female Genital System	687	650	720
Injuries and Poisoning	917	679	797
Maternal Causes	939	702	785
Perinatal Causes	1,730	1,507	2,169
Total Morbidity	7,284,020	6,626,029	6,707,174

* Includes other causes under communicable & non communicable diseases

BROUGHT DEAD AND A&E DEATHS IN MOH INSTITUTIONS	وفيات قبل الوصول ووفيات الحوادث والطوارئ بمؤسسات وزارة الصحة		
	2012	2011	2010
Accidents-Deaths			
-Road Traffic Accidents	805	777	543
-Other Accidents	796	558	527
Other Causes of Deaths	1,822	1,855	1,727
Total	3,423	3,190	2,797

MORBIDITY (BASED ON MOH HOSPITAL DISCHARGES) (RATES PER 10,000 POPULATION)

	2012	2011	2010
Communicable Diseases	140	146	149
1. From contaminated food, water	94	37	43
2. Airborne infection	35	98	95
Non Communicable	312	300	305
1. Neoplasms	10	9	10
2. Endocrine, Nutritional, Metabolic & Immunity Disorders	24	18	22
3. Disease of Blood	18	23	19
4. Mental Disorders	5	5	5
5. Diseases of Nervous System	22	22	24
6. Diseases of Circulatory System	48	47	48
7. Diseases of Respiratory System	22	23	25
8. Diseases of Digestive System	40	41	42
9. Disease of Genitourinary System	29	30	28
Injuries and Poisoning	50	56	62
Maternal Causes (per 10,000 women 15-49)	483	443	448
Perinatal Causes (per 10,000 live births)	1,201	1,211	1,177
Some Selected Diseases (Rates per 10,000 population)			
Diabetes Mellitus	12	12	14
Anaemias	22	23	22
Hypertensive diseases	11	11	11
Ischaemic Heart Diseases	16	15	16

UTILIZATION OF HEALTH SERVICES (MOH) .. Contd.	2012	2011	2010
Surgical Procedures	90,804	87,351	92,219
Major	41,128	38,512	37,345
Minor	49,676	48,839	54,874
Radiological Procedures*	1,247,016	1,172,289	1,097,085
Plain X-ray	868,894	810,491	770,726
Special Procedures	75,078	70,119	59,632
Ultra Sonographic & others	231,873	222,594	199,918
Mobile , Operation Theatre & Dental	71,171	69,085	66,809
Lab. investigations done*	19,499,997	18,228,423	15,673,499

* Includes inpatients and outpatients

PRINCIPAL CAUSES OF MOH HOSPITALIZATION

	2012	2011	2010
Normal deliveries	14.5%	14.2%	14.5%
Diseases of Respiratory System	13.1%	13.6%	13.1%
Complications of Pregnancy & Birth	12.6%	12.8%	12.6%
Injuries and Poisoning	6.2%	6.9%	7.4%
Diseases of the Circulatory System	5.9%	5.9%	5.8%
Infectious & Parasitic Diseases	5.4%	5.8%	6.3%
All other causes	42.3%	40.8%	40.3%
Total number hospitalised	293,251	282,577	267,996

PRINCIPAL CAUSES OF MOH HOSPITAL DEATHS

	2012	2011	2010
Diseases of Circulatory system	32.5%	31.2%	29.4%
Infectious and Parasitic diseases	11.2%	13.9%	16.1%
Neoplasms	9.9%	10.2%	10.6%
Respiratory System	8.7%	9.4%	8.6%
Conditions Originating in Perinatal Period	8.4%	7.6%	7.6%
Injuries and Poisoning	7.6%	7.0%	7.4%
All other causes	21.7%	20.7%	20.5%
Total Hospital Deaths	3,739	3,591	3,345

UTILIZATION OF HEALTH SERVICES (MOH)	2012	2011	2010
Hospital Utilization Statistics			
Hospital discharges	293,251	282,577	267,996
Discharge daily average	801	774	734
Hospital deaths	3,739	3,591	3,345
Average inpatients per day	2,726	2,640	2,528
Bed Occupancy rate	59.0%	56.3%	54.5%
Mean length of stay (day)	3.3	3.2	3.4
Deliveries & Births			
Deliveries	61,380	57,243	55,631
Low Birthweight (% of live births)	9.5%	10.0%	10.0%
Still Births (% of total births)	0.83%	0.8%	0.8%
Outpatient visits to MOH institutions			
Total OPD visits	13,344,157	12,950,391	12,393,292
Mean visits per day	36,459	35,481	33,954
Mean visits per person per year	3.7	3.7	3.8
Patients visits for dental treatments	264,537	302,065	292,139
Antenatal & postnatal attendances			
First Visits	78,934	72,783	67,480
Follow up visits	388,884	363,356	352,921
Mean visits per pregnancy	6.0	6.0	6.2
Postnatal attendances	68,445	69,110	67,452
Ratio of postnatal visits to regestered pregnant	0.87	0.95	1.00

HEALTH MANPOWER *	2012	2011	2010
National Total*			
Doctors	7,055	6,328	5,862
Nurses	15,627	14,238	12,865
Dentists	805	726	654
Pharmacists	1,657	1,358	1,251
Indicators(per 10,000 population)			
Doctors	19.5	18.0	18.1
Nurses	43.1	40.5	39.7
Dentists	2.2	2.1	2.0
Pharmacists	4.6	3.9	3.9
Ministry of Health (MOH)			
Doctors	4,957	4,430	4,123
Nurses	12,050	11,123	10,059
Dentists	269	280	259
Pharmacists	402	295	279
Indicators(per 10,000 population)			
Doctors	13.7	12.6	12.7
Nurses	33.3	31.6	31.1
Dentists	0.7	0.8	0.8
Pharmacists	1.1	0.8	0.9
Other Govt. Ministries/Agencies			
Doctors	510	486	467
Nurses	1,348	1,256	1,244
Dentists	25	22	20
Pharmacists	54	44	42
Private Sector			
Doctors	1,588	1,412	1,272
Nurses	2,229	1,859	1,562
Dentists	511	424	375
Pharmacists	1,201	1,019	930

* Does not include data of Ministry of Defence.

HEALTH INSTITUTIONS	2012	2011	2010
National Total			
No. of Hospitals	65	65	62
No. of hospital beds	5,977	5,859	5,757
Health Centres/Dispensaries/ Clinics	1,217	1,143	1,035
Ministry of Health (MOH)			
Hospitals	49	50	50
Extended Health centres	24	24	22
Health centres with beds	69	70	70
Health centres without beds	99	92	84
Hospital beds	4,659	4,690	4,692
Health centre beds	143	146	145
Other Govt. Ministries/Agencies			
Hospitals	5	5	5
Dispensaries/PHC centres	50	46	45
Hospital beds	870	809	786
Dispensary/PHC beds	239	238	224
Private Sector			
Hospitals	11	10	7
Hospital beds	448	360	279
Clinics	975	911	814
Pharmacies	476	442	400
Hospital Beds per 10,000 population			
National	16.5	16.7	17.8
MOH	12.9	13.3	14.5
Other Govt. Ministries/Agencies	2.4	2.3	2.4
Private	1.2	1.0	0.9

POPULATION (Mid-Year) *	2012	2011	2010
Total population	3,623,001	3,518,818	3,237,412
Expatriate	42.20%	39.2%	35.7%
Omani population	2,092,560	2,137,807	2,081,054
% Omani population < 5 years	13.9%	13.2%	12.7%
% Omani population < 15 years	33.7%	34.0%	34.3%
% Omani population 15-49 years	55.2%	58.4%	58.3%
% Omani population 50-59 years	5.0%	3.9%	3.8%
% Omani population 60 +	6.0%	3.8%	3.8%
% Females 15-49 of Omani population	27.1%	29.0%	28.9%

* Land Area (Sq. km) 309,500

VITAL STATISTICS (Omani) *

	2012	2011	2010
Crude Birth Rate (per 1000 population)	32.1	29.4	29.2
Total Fertility Rate	3.7	3.24	3.3
Crude death rate (per 1000 population)	3.2	3.1	2.9
Infant mortality rate (per 1000 live births)	9.5	9.5	10.2
Under 5 mortality rate (per 1000 livebirths)	11.5	11.9	12.3
Life expectancy at birth (Years)	76.2	72.4	73.3
Males (Years)	74.5	70.1	70.8
Females (Years)	78.0	75.2	76.2
Maternal Mortality Rate (per 100,000 live births)	17.8	15.9	26.4

**Source of mind-2012 population Estimation is the National Center for Statistics and Information