



حقائق صحية ٢٠١٧

2017 HEALTH FACTS



إعداد:

دائرة المعلومات والإحصاء
المديرية العامة للتخطيط والدراسات

Prepared by:

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Live Births*		المواليد الاحياء*			
		2017	2016	2015	2014
Ministry of Health	Omani	71,255	68,738	67,024	65,415
	Non-Omani	3,262	3,339	3,086	3,051
	Total	74,517	72,077	70,110	68,466
Other Government Health Providers	Omani	7,252	7,792	8,454	8,182
	Non-Omani	179	188	176	193
	Total	7,431	7,980	8,630	8,375
Private Institution	Omani	5,513	5,330	4,447	3,092
	Non-Omani	2,910	2,951	3,097	3,047
	Total	8,423	8,281	7,544	6,139
Others\$	Omani	0	8	1	1
	Non-Omani	0	0	1	0
	Total	0	8	2	1
TOTAL	Omani	84,020	81,868	79,926	76,690
	Non-Omani	6,351	6,478	6,360	6,291
	Total	90,371	88,346	86,286	82,981

Deaths*		الوفيات*			
		2017	2016	2015	2014
Ministry of Health	Omani	6,209	6,027	6,048	5,737
	Non-Omani	1,183	1,198	1,110	1,097
	Total	7,392	7,225	7,158	6,834
Other Government Health Providers	Omani	818	717	760	743
	Non-Omani	89	81	74	86
	Total	907	798	834	829
Private Institution	Omani	27	23	24	24
	Non-Omani	157	150	151	129
	Total	184	173	175	153
Others	Omani	0	0	0	2
	Non-Omani	0	0	0	1
	Total	0	0	0	3
TOTAL	Omani	7,054	6,767	6,832	6,506
	Non-Omani	1,429	1,429	1,335	1,313
	Total	8,483	8,196	8,167	7,819

*Source: Birth & Death Notification System in Ministry of Health
\$ Home Live Births or outside Sultanate

*المصدر: نظام التبليغ عن المواليد والوفيات بوزارة الصحة
\$ الولادات التي تحدث في البيت أو خارج السلطنة

EDUCATION IN MOH INSTITUTIONS		التعليم بمؤسسات وزارة الصحة			
		2017	2016	2015	2014
Basic Education	Enrolled	453	421	443	455
	Other Paramedics*	145	158	181	191
	Total	598	579	624	646
Graduates	General Nursing	23	416	394	9
	Other Paramedics*	27	167	149	55
	Total	50	583	543	64
Post Basic Education	Enrolled	122	37	86	0
	Other Paramedics	0	0	0	0
	Total	122	37	86	0
Graduates	Specialized Nursing	43	79	0	64
	Other Paramedics	0	0	0	0
	Total	43	79	0	64
Bachelor	Enrolled	129	234	167	177
	Other Paramedics	0	24	24	0
	Total	129	258	191	177
Graduates	Nursing	149	76	151	52
	Other Paramedics	0	0	54	34
	Total	149	76	205	86

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

*يشمل المختبرات الطبية والتصوير بالأشعة والعلاج الطبيعي و مساعدي جراحة اسنان ومساعدي الصيدالة وفتي سجلات طبية

Expenditures		المصروفات			
		2017	2016	2015	2014
MOH expenditure (million R.O)	Recurrent	768.7	757.96	793.2	722.8
	Development	20.65	35	99	31.3
	Total	789.35	792.96	892.2	754.1
MOH expenditure per capita (R.O)	Recurrent	168.5	171.7	190.7	181.0
	Development	4.5	7.9	23.8	7.8
	Total	173.0	179.6	214.5	188.8
G.D.P at current prices (million R.O)*		27,931.10	25,694.00	27,013.10	31,450.8
G.D.P per capita (R.O)*		6,125.30	5,774.70	6,494.9	7,876.7
Gross National Income (GNI) (million R.O)*		n.a	24941.5	25,960.0	29,984.8
GNI per capita (R.O)*		n.a	5650.5	6,242.0	7,327.7

* Provisional

*مبدئي

Renal Dialysis in Ministry of Health Institutions		غسيل الكلى في مؤسسات وزارة الصحة			
Indicatots		2017	2016	2015	2014
No. of beds		294	278	217	216
No. of Patients on Dialysis		1831	1,739	1,439	1,339
Total number of Sessions		239,342	204,289	191,638	176,141
Average Session per patient per month		11.3	10.5	11.6	11.1

Blood Donors in Ministry of Health Institution		تطور خدمات التبرع بالدم في مؤسسات وزارة الصحة			
		2017	2016	2015	2014
Total Donors		55,533	57,787	55,702	57,750
% Omani donors		81.6	80	80.4	71.7
% Deferred Units Post Donation					
HbsAG Positive		0.4	0.3	0.2	0.4
HCV Positive		0.4	0.4	0.2	0.4
VDRL/TPHA		0.1	0.2	0.1	0.1
HIV Positive		0.01	0.01	0.01	0.01
Others		0.1	0.1	0.2	0.09
Deferred Units - Pre-Donation		19,046	14,071	14,475	10,610

IMMUNISATION COVERAGE		التحصين (التغطية)			
		2017	2016	2015	2014
BCG		100.0%	100.0%	100.0%	100.0%
OPV-3		99.9%	99.9%	99.0%	99.0%
DPT-3		99.9%	99.9%	99.0%	97.0%
Measles-3		99.9%	99.6%	100.0%	100.0%
Hepatitis B -3		100.0%	99.9%	99.0%	97.0%

PRINCIPAL NOTIFIABLE DISEASES		الأمراض الأساسية المبلغ عنها			
		2017	2016	2015	2014
Measles*		97	133	44	27
Rubella		3	7	10	6
Acute Poliomyelitis		0	0	0	0
Meningococcal infection		6	8	4	7
Tetanus neonatorum		0	0	0	0
Typhoid and paratyphoid fever		27	28	38	14
Malaria		1,087	807	822	1,001
Whooping Cough (Pertussis)		517	244	126	165
Viral hepatitis (all)		1,628	1,238	331	281
Pulmonary Tuberculosis		196	221	211	234
HIV/AIDS@		150	135	142	112
Chicken Pox		18,967	18,329	21,028	18,376
Food poisoning including Salmonella		546	615	435	329
Mumps		1,390	1,385	588	703
Brucellosis		376	416	379	235

* confirmed cases

* حالات مؤكدة

Out Patient Morbidity (New Cases only) (Rates per 10,000 population)		مراضة العيادات الخارجية (حالات جديدة فقط) (المعدل لكل 10,000 من السكان)			
		2017	2016	2015	2014
Communicable Diseases*		7,074	6,891	6,762	6,992
Airborne infection		5,729	5,493	5,409	5,424
From Contaminated hands, food, water.		436	503	469	672
Through Skin & Mucous Membrane (Contact/ Penetration)		639	639	655	691
Non Communicable*		9,897	9,534	9,466	9,783
Endocrine, Nutritional, Metabolic & Immunity Disorders		429	349	357	305
Disease of Blood & Blood Forming Organs		153	181	183	169
Diseases of the Nervous System & Mental Disorders		102	171	174	159
Diseases of the Eye & adnexa		204	202	206	198
Disorders of the Ear & Mastoid process		339	321	326	333
Diseases of the Circulatory System		311	285	298	283
Diseases of the Respiratory System		265	300	291	333
Diseases of the Digestive System		1,417	1,484	1,533	1,406
Disorders of the Breast		27	25	25	21
Diseases Of The Skin & Subcutaneous tissue		633	581	578	590
Diseases of the Musculoskeletal System & Connective Tissues		1,371	1,253	1,279	1,286
Diseases of the Urinary System		166	180	190	194
Diseases of the Male Genital System		35	36	41	39
Diseases of the Female Genital System		706	725	730	716
Injuries and Poisoning		535	763	880	923
Maternal Causes		1,377	1,442	1,444	1,292
Perinatal Causes		1,886	2,014	2,236	2,208
Total Morbidity		10,328,210	9,559,225	8,892,743	8,501,276

* Includes other causes under communicable & non communicable diseases

* تشمل أسباب أخرى تندرج ضمن الأمراض المعدية وغير المعدية

BROUGHT DEAD AND A&E DEATHS IN MOH INSTITUTIONS	وفيات قبل الوصول ووفيات الحوادث والطوارئ بمؤسسات وزارة الصحة			
	2017	2016	2015	2014
Accidents-Deaths				
- Road Traffic Accidents	517	569	616	650
- Other Accidents	377	425	508	506
Other Causes of Deaths	2,287	2330	2045	2,181
Total	3,181	3,324	3,169	3,337

Morbidity (based on MOH hospital discharges) (Rates per 10,000 population)	المرضاة (مرضى الخروج من مستشفيات وزارة الصحة) (المعدل لكل ١٠٠٠٠ من السكان)			
	2017	2016	2015	2014
Communicable Diseases	128	125	130	138
1. From contaminated food, water.	20	25	25	32
2. Airborne infection	98	90	95	95
Non Communicable	297	313	315	315
1. Neoplasms	12	12	12	11
2. Endocrine, Nutritional, Metabolic & Immunity Disorders	14	15	15	16
3. Disease of Blood	28	28	25	27
4. Mental Disorders	5	5	6	6
5. Diseases of Nervous System	21	20	22	22
6. Diseases of Circulatory System	40	42	43	43
7. Diseases of Respiratory System	18	18	20	19
8. Diseases of Digestive System	43	45	44	44
9. Disease of Genitourinary System	27	28	29	28
Injuries and Poisoning	38	37	35	37
Maternal Causes (per 10,000 women 15-49)	476	471	477	470
Perinatal Causes (per 10,000 live births)	1,468	1,447	1,494	1,430
Some Selected Diseases (Rates per 10,000 population)				
Diabetes Mellitus	7	8	9	11
Anaemias	28	28	25	27
Hypertensive diseases	4	6	7	8
Ischaemic Heart Diseases	13	13	13	14

UTILIZATION OF HEALTH SERVICES (MOH) .. Contd.	استخدام الخدمات الصحية بمؤسسات وزارة الصحة تابع			
	2017	2016	2015	2014
Surgical Procedures	114,084	111,313	102,965	94,830
Major	50,656	50,883	46,364	44,210
Minor	63,428	60,430	56,601	50,620
Radiological Procedures*	1,673,947	1,602,116	1,556,686	1,426,789
Plain X-ray	1,073,780	1,060,238	1,035,915	992,751
Special Procedures	117,795	110,015	106,863	92,671
Ultra Sonographic & others	384,169	331,070	318,018	261,982
Mobile , Operation Theatre & Dental	98,203	100,793	95,890	79,385
Lab. investigations done*	27,122,020	26,449,046	24,726,068	22,592,380

* Includes inpatients and outpatients

PRINCIPAL CAUSES OF MOH HOSPITALIZATION	تتضمن المرضى المتوفين ومرضى العيادات الخارجية*			
Diseases of Respiratory System	14.3%	12.7%	13.3%	13.2%
Normal deliveries	14.0%	14.9%	14.9%	14.7%
Complications of Pregnancy & Birth	12.8%	12.3%	12.6%	12.2%
Diseases of the Digestive System	5.7%	5.8%	5.6%	5.5%
Diseases of the Circulatory System	5.3%	5.4%	5.5%	5.4%
Injuries and Poisoning	5.1%	4.7%	4.5%	4.6%
Infectious & Parasitic Diseases	3.6%	4.1%	4.1%	4.9%
All other causes	39.2%	40.1%	39.5%	39.5%
Total number hospitalised	338,670	343,199	326,467	319,954

PRINCIPAL CAUSES OF MOH HOSPITAL DEATHS	الاسباب الرئيسية للوفيات بمستشفيات وزارة الصحة			
Diseases of Circulatory system	25.1%	25.0%	26.2%	30.2%
Infectious and Parasitic diseases	16.5%	15.3%	15.8%	12.0%
Respiratory System	14.3%	13.4%	11.7%	11.4%
Neoplasms	10.0%	8.7%	10.6%	10.0%
Conditions Originating in Perinatal Period	7.9%	8.0%	8.8%	7.7%
Injuries and Poisoning	4.8%	5.2%	5.3%	5.0%
All other causes	21.4%	24.4%	21.7%	23.7%
Total Hospital Deaths	3,896	3,909	3,751	3,690

UTILIZATION OF HEALTH SERVICES (MOH)	استخدام الخدمات الصحية بمؤسسات وزارة الصحة			
	2017	2016	2015	2014
Hospital Utilization Statistics				
Hospital discharges	338,670	343,199	326,467	319,954
Discharge daily average	928	938	894	877
Hospital deaths	3,896	3,909	3,751	3,690
Average inpatients per day	3,099	3,159	3,049	2,972
Bed Occupancy rate	61.8%	63.3%	61.4%	61.8%
Mean length of stay (day)	3.4	3.3	3.3	3.2
Deliveries & Births				
Deliveries	70,962	71,222	69,488	68,026
Low Birthweight	11.2%	11.14%	10.60%	10.6%
(% of live births)				
Still Births (% of total births)	0.76%	0.79%	0.73%	0.71%
Outpatient visits to MOH institutions				
Total OPD visits	15,792,546	15,616,509	15,376,503	15,039,301
Mean visits per day	43,267	42,668	42,127	41,204
Mean visits per person per year	3.5	3.5	3.7	3.8
Patients visits for dental treatments	272,459	283,118	286,196	276,458
Antenatal & postnatal attendances				
First Visits	89,336	91,876	90,521	87,658
Follow up visits	432,702	448,947	431,362	423,737
Mean visits per pregnancy	5.8	5.9	5.8	5.8
Postnatal attendances	73,822	75,471	74,754	71,108
Ratio of postnatal visits to registerd pregnant	0.83	0.82	0.83	0.81
No. of New Clients Attended Birth Spacing Clinics	21,045	20,963	21,011	20,467

HEALTH MANPOWER *	القوى العاملة الصحية *			
	2017	2016	2015	2014
National Total				
Doctors	9,132	8,931	8,914	8,651
Nurses	19,938	19,760	19,263	18,795
Dentists	1,350	1,234	1,149	1,030
Pharmacists	2,445	2,420	2,131	1,973
Indicators (per 10,000 population)				
Doctors	20.0	20.2	21.4	21.7
Nurses	43.7	44.8	46.3	47.1
Dentists	3.0	2.8	2.8	2.6
Pharmacists	5.4	5.5	5.1	4.9
Ministry of Health (MOH)				
Doctors	6,200	6,184	6,393	6,305
Nurses	14,408	14,587	14,675	14,623
Dentists	321	323	358	346
Pharmacists	551	526	554	544
Indicators (per 10,000 population)				
Doctors	13.6	14.0	15.4	15.8
Nurses	31.6	33.0	35.3	36.6
Dentists	0.7	0.7	0.9	0.9
Pharmacists	1.2	1.2	1.3	1.4
Other Govt. Ministries/ Agencies				
Doctors	615	613	562	559
Nurses	1,731	1,658	1,546	1,522
Dentists	47	43	36	34
Pharmacists	99	96	70	92
Private Sector				
Doctors	2,317	2,134	1,959	1,787
Nurses	3,799	3,515	3,042	2,650
Dentists	982	868	755	650
Pharmacists	1,795	1,798	1,507	1,337

* Does not include data of Ministry of Defence

* لا تشمل بيانات وزارة الدفاع

HEALTH INSTITUTIONS	المؤسسات الصحية			
	2017	2016	2015	2014
National Total				
No. of Hospitals	76	74	70	67
No. of hospital beds	6,696	6,589	6,468	6,322
Health Centres/Dispensaries/Clinics	1,484	1,371	1,304	1,345
Ministry of Health (MOH)				
Hospitals	49	49	49	49
Extended Health centres	23	23	23	23
Health centres with beds	60	65	65	72
Health centres without beds	124	118	117	108
Hospital beds	5,039	5,034	4,998	4,891
Health centre beds	98	109	123	145
Other Govt. Ministries/ Agencies				
Hospitals	6	6	6	5
Dispensaries/PHC centres	62	60	54	49
Hospital beds	932	888	888	914
Dispensary/PHC beds	378	345	255	238
Private Sector				
Hospitals	21	19	15	13
Hospital beds	725	667	582	517
Clinics	1,215	1,105	1,045	1,093
Pharmacies	718	672	604	550
Hospital Beds per 10,000 population				
National	14.7	14.9	15.6	15.8
MOH	11.1	11.4	12.0	12.2
Other Govt. Ministries/ Agencies	2.0	2.0	2.1	2.4
Private	1.6	1.5	1.4	1.2

POPULATION (Mid-Year)	السكان (منتصف السنة)			
	2017	2016	2015	2014
Total population	4,559,963	4,414,051	4,159,102	3,992,893
Expatriate	45.1%	45.0%	43.6%	43.4%
Omani population	2,505,369	2,427,825	2,344,946	2,260,705
% Omani population < 5 years	15.0%	14.9%	14.9%	14.5%
% Omani population < 15 years	37.0%	36.1%	35.7%	35.1%
% Omani population 15-49 years	52.3%	52.8%	53.3%	54.0%
% Omani population 50-59 years	4.9%	5.2%	5.0%	5.0%
% Omani population 60 +	6.0%	5.9%	6.0%	6.0%
% Females 15-49 of Omani population	25.8%	26.1%	26.3%	26.6%

Land Area (sq.km)=309,500

VITAL STATISTICS (Omani Population)*	الاحصاءات الحيوية (المتجمع العماني)*			
	2017	2016	2015	2014
Crude Birth Rate (per 1000 population)	33.5	33.7	34.1	33.9
Total Fertility Rate	4.0	4.0	4.0	3.9
Crude death rate (per 1000 population)	2.9	3.0	2.9	2.9
Infant mortality rate (per 1000 live births)	9.5	9.2	9.5	7.9
Under 5 mortality rate (per 1000 livebirths)	11.6	11.7	11.4	9.7
Life expectancy at birth (Years)	76.9	76.9	76.4	76.6
Males (Years)	74.8	74.7	74.2	74.8
Females (Years)	79.2	79.3	78.8	78.5
Maternal Mortality Rate (per 100,000 live births)	20.2	13.4	17.5	18.3

* Source: National Center of Statistics and Information

* المصدر: المركز الوطني للإحصاء والمعلومات