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وزارة الصحة العامة

النشرة الاحصائية

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مقدمة

لقد اصبح من البديهي القول ان كل نظام صحي يهدف من خلال ما يعتمده وينفذه من سياسات وبرامج وتوجهات إلى تأمين حق المواطن في الصحة الجيدة وإلى جعل الخدمات الوقائية والرعائية في متناول كل المواطنين بشكل عادل وشفاف.

ومن الأمور المسلّم بها عالمياً، ان المعلوماتية والإحصاء اصبحتا جزءاً اساسياً وفاعلاً من الأنظمة المعتمدة. فهي تمثل الأساس الممكن اعتماده لتبيان النجاحات المحققة المعبّر عنها بالمؤشرات الصحية الأساسية، والتي تعتبر الأساس أيضاً لإكتشاف الخلل والتفاوت بين المناطق لتصبح المعلومات الصحية الركيزة الأساسية لترشيد السياسات الصحية والخيارات الإستراتيجية.

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إلى جانب ذلك، يجب التنويه بدور الأكاديميين والباحثين الصحيين كشركاء أساسيين في القطاع الصحي، والذين تندرج أولى اهتماماتهم بالبيانات الإحصائية حتى يصوبوا توجهاتهم في أبحاثهم ويساهموا مع صانعي القرار في بناء وتطوير القطاع الصحي.

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نذكر بأن هذه النشرة تعرض أيضاً على موقع وزارة الصحة الإلكتروني www.moph.gov.lb، كما نشجع الجميع على زيارة هذا الموقع دورياً لأهمية المواضيع المنشورة عليه وتعددها، ولمساهمته الكبيرة في تعميم المعرفة الصحية وتعزيز الشفافية والشراكة.

وزير الصحة العامة
غسان حاصباني

Table of Contents

	Page
Table of contents	
A-Summary Tables	
Table A.1: Selected indicators of Lebanon, 2013 - 2015	3
B-Population Data	
Table B.1: Number of registered Lebanese births by month, Qada and gender, 2015	4
Table B.2: Number of registered Lebanese deaths by month, Qada and gender, 2015	5
Table B.3: Resident population* distribution by age group and gender, 2015	6
Table B.4: Resident population* distribution by age group and Qada, 2015	7
Table B.5: Resident population* distribution by Mohafaza and Qada, 2010-2015	8
Table B.6: Resident population* distribution by age group, Qada and some basic indicators, 2015	9
C-MOPH Services Utilization Data	
Graph C.1: Hospitals contracting with MOPH by Mohafaza and type, 2015	10
Graph C.2: MOPH subsidized admissions by Mohafaza and type of hospital, 2015	11
Graph C.3: MOPH subsidized in-patients by Qada and type of hospital, 2015	12
Graph C.4: MOPH subsidized in-patients by Qada of hospital and Qada of origin, 2015	13
Graph C.5: The evolution of MOPH subsidized admissions in public and private hospitals between 2005 and 2015	14
Graph C.6: MOPH subsidized hospital cases* by ICD10 category of diagnosis, 2015 (N=350,382)	15
Graph C.7: MOPH subsidized hospital cases* by ICD10 category of diagnosis and gender, 2015 (N=350,382)	16
Table C.1: MOPH subsidized hospital cases* by category of diagnosis and gender, 2015	17
Graph C.8: Total and incident cases benefiting from the DDC* by Qada, 2015	24
D-Epidemiology	
Graph D.1: MOPH subsidized hospitalized neoplasms cases* by gender and age group, 2015	25
Graph D.2: MOPH subsidized hospitalized* cardiovascular cases** by gender and age group, 2015	26
Graph D.3: MOPH subsidized hospitalized* cardiovascular cases** by gender and Qada of origin, 2015	27
Graph D.4: The trend in tuberculosis cases by nationality between 2011 and 2015	28
Graph D.5: Proportion of tuberculosis treatment success by nationality, 2015	29
Table D.1: HIV/AIDS estimated incidence in Lebanon, 2015	30
Graph D.6: The trend in incident cases of HIV/AIDS between 2010 and 2015	31
E-Vaccination and Campaigns	
Graph E.1: National immunization coverage rates by polio, measles and pentavalent vaccines, 2010-2015	32
F-Diseases' Surveillance Data	
Table F.1: Cases of notifiable diseases reported to the MOPH epidemiological surveillance unit by month, 2015	33
Table F.2: Cases of notifiable diseases reported to the MOPH epidemiological surveillance unit by age groups and gender, 2015	34
Table F.3: Cases of notifiable diseases reported to the MOPH epidemiological surveillance unit by Mohafaza, 2015	35
G-Maternal Neonatal Mortality Notification System (MNMNS)	
Table G.1: Maternal Neonatal Mortality Notification System (MNMNS) statistics by Qada and nationality, 2015	36
H-Medication for Chronic Illnesses Program: the YMCA Records	
Graph H.1: Proportion of beneficiaries from the MOPH chronic drugs' program by age group and medical condition, 2015	37

Table of Contents

Graph H.2: Distribution of chronic conditions among users of chronic drugs, 2014 and 2015	**38**
Graph H.3: Socio-medical centers and beneficiaries per center by Mohafaza, 2015	**39**
Graph H.4: Proportion of patients suffering from chronic conditions, 2014 and 2015	**40**
Graph H.5: Proportion of patients taking medications, 2014 and 2015	**41**
I-National Health Accounts	
Table I.1: National health accounts of Lebanon, 2012-Summary table	**42**
Acknowledgments	

This publication is the annual compilation of data available at the Ministry of Public Health, it is free of charge and can be accessed as well on the ministry's website. Although the statistics department endeavors to ensure accuracy of information in these documents, it cannot guarantee 100% accuracy nor can it be held liable for errors that may occur. However, the data provided herein are accurate up to the availability of baseline information.

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Table A.1: Selected indicators of Lebanon, 2013 - 2015

	Unit	2013	2014	2015
Health Determinants and Risks				
Demographic and socioeconomic determinants				
Population Estimate*	1000 citizens	4,168	4,231	4,292
Number of registered births		86,950	88,704	85,453
Number of registered deaths		23,414	25,117	25,275
Crude Birth Rate	per 1000 population	21.2	21.0	19.9
Crude Death Rate	per 1000 population	5.7	5.9	5.9
Population Growth Rate		1.5	1.5	1.4
Population by Age				
< 15	percent	24.6	24.6	24.6
65+	percent	9.7	9.7	9.7
Risk Factors				
Low birth weight (less than 2500 g) (%)	percent	7.7	8.1	8.8
Caesarian delivery rate (%)	percent	47.6	45.6	46.7
Health Status				
Life Expectancy and Mortality				
Life expectancy at birth, Total Population				81.24 (2012)
Life expectancy at birth, Male				80.27 (2012)
Life expectancy at birth, Female				82.11 (2012)
Infant Mortality Rate	per 1000 Live Births	8		
Less than five Mortality Rate	per 1000 Live Births	9		
Maternal Mortality Ratio	per 100,000 Live Births	18	9	13.6
Morbidity				
Measles		1760	235	39
Tetanus		4	0	3
Neonatal Tetanus		0	0	0
Acute Flaccid Paralysis		34	53	76
Hepatitis A		1551	2582	985
Hepatitis B		141	218	390
Hepatitis C		103	100	136
AIDS		15	38	22
Health System Response				
Health Financing				
Total GPD	Billion Leb. Pounds			64,800 (2012)
Allocated to MOPH from Total Gov Budget	percent			2.6 (2012)
Annual Budget of MOPH	Billion Leb. Pounds			549.5 (2012)
Annual Budget of MOPH per capita	$US			89 (2012)
Total Health Expenditure (THE) per capita	$US			751 (2012)
THE as % GDP	percent			7.17 (2012)
Out Of Pocket Expenditure as % THE	percent			37.34 (2012)
Health Workforce	**per 10,000 population**			
Physicians		31.9	30.7	32.0
Dentists		12.6	12.9	12.9
Pharmacists		16.8	17.5	17.7
Nursing and Midwifery Personnel		33.1	33.0	33.4
Hospital Beds		34.7	34.2	33.7
Medicines and Medical devices	**per million population**			
Density of High Tech Equipment				260 (2012)
Service Coverage				
Infants Fully Immunized-DPT	percent immunized	98.04	97	91
Infants Fully Immunized-OPV	percent immunized	99.85	97	90
Infants Fully Immunized-Measles	percent immunized	99.01	98	91
Infants Fully Immunized-Hepatitis B	percent immunized	98.04	97	91
Married Women Using Contraceptives	percent			54 (2009)

Sources of Information

Maternal Neonatal Mortality Notification System (MNMNS), MOPH.	
Department of Projects & Programs, MOPH.	**World Health Statistics 2015, WHO**
Expanded Program on Immunization, MOPH.	
Estimated Population from the 2004 and 2007 Household surveys (CAS) in addition to Registered Births and Deaths at Dept of Statistics.	**Economic Accounts of Lebanon 2011- Central Administration of Statistics (CAS).**
	MICS3, 2009. CAS/UNICEF.
National Health Accounts, 2012, MOPH. / **National AIDS Program (NAP), MOPH.**	**Syndicate figures calculated for the given population.**
Epidemiological Surveilance Unit, MOPH.	**Government Budget** ارقام الموازنة العامة.

** Excluding Palestenian camps and Syrian refugees.*

Table B.1: Number of registered Lebanese births by month, Qada and gender, 2015

Qada	Jan		Feb		Mar		April		May		June		July		Aug		Sep		Oct		Nov		Dec		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
Aakkar	502	503	453	467	527	465	428	419	490	473	425	452	525	509	563	498	486	467	567	548	511	475	487	422	5,964	5,698	11,662
Minieh-Danniyeh	170	195	192	187	199	176	149	174	183	170	186	152	206	171	216	178	190	146	219	189	173	176	167	180	2,250	2,094	4,344
Tripoli	291	228	208	189	219	225	206	181	211	151	230	216	254	246	257	194	226	204	263	241	210	190	295	285	2,870	2,550	5,420
Zgharta	58	58	47	47	87	75	66	60	58	48	51	61	55	52	84	75	50	31	68	68	66	76	61	64	751	715	1,466
Koura	27	23	18	20	17	23	19	17	21	28	22	30	24	27	31	28	36	23	47	40	34	39	38	36	334	334	668
Bcharreh	30	29	17	17	50	45	52	37	26	33	35	31	24	17	30	25	16	20	29	22	24	19	42	37	375	332	707
Batroun	27	41	33	34	52	46	29	34	37	36	52	36	44	41	48	34	44	37	46	48	42	36	46	38	500	461	961
Hermel	87	76	52	59	59	56	82	96	72	76	88	82	98	89	100	88	61	52	52	46	80	86	73	66	904	872	1,776
Baalbek	341	327	336	337	404	382	320	289	364	354	340	334	380	385	442	431	352	324	388	383	375	309	360	360	4,402	4,215	8,617
Zahleh	153	140	159	152	195	182	185	163	163	160	199	214	196	197	190	193	169	163	209	186	148	138	187	164	2,153	2,052	4,205
Rachaiya	25	25	27	38	46	30	44	38	46	43	28	37	36	31	73	58	37	25	52	69	44	40	37	30	495	464	959
West Beqaa	92	95	83	88	107	90	98	62	83	82	122	107	101	122	123	110	82	82	112	112	81	87	88	90	1,172	1,127	2,299
Nabatiyeh	143	150	156	156	163	167	159	137	141	141	161	129	155	151	164	203	154	149	170	175	179	172	150	149	1,895	1,879	3,774
Hasbaiya	50	32	34	34	39	31	51	48	35	38	59	41	40	41	69	68	45	41	68	60	48	37	30	40	568	511	1,079
Marjaayoun	100	115	106	97	148	123	119	107	102	107	122	122	136	140	134	133	136	150	123	137	132	112	133	128	1,491	1,471	2,962
Bent Jbayl	168	159	143	116	159	157	179	148	156	101	154	160	175	138	160	157	174	129	195	183	151	154	171	128	1,985	1,730	3,715
Saida	154	142	191	164	179	172	155	146	161	161	186	170	150	144	190	166	160	142	198	186	176	161	145	159	2,045	1,913	3,958
Sour	229	206	208	192	206	202	224	214	197	188	202	217	230	251	271	246	230	190	260	269	225	236	301	240	2,783	2,651	5,434
Jezzine	20	27	32	25	29	32	47	40	48	30	42	38	38	40	33	35	29	32	50	53	34	34	54	40	456	426	882
Jbayl	53	61	53	42	56	64	60	55	63	52	76	56	66	76	69	53	73	46	71	58	50	51	61	62	751	676	1,427
Keserwan	55	58	52	58	76	51	48	57	54	66	43	62	67	63	61	51	62	49	66	64	50	50	60	44	694	673	1,367
Matn	92	87	62	62	94	97	91	71	94	101	108	113	97	105	114	118	93	65	103	91	72	70	95	94	1,115	1,074	2,189
Baabda	104	121	101	89	123	96	97	96	112	105	127	121	98	103	115	97	106	97	140	122	105	96	109	102	1,337	1,245	2,582
Aaley	81	61	68	59	74	71	117	122	80	70	93	92	85	79	116	92	70	65	101	95	78	77	101	84	1,064	967	2,031
Chouf	155	108	169	159	155	138	132	131	171	149	161	151	205	160	181	172	159	172	161	172	132	134	144	162	1,925	1,808	3,733
Beirut	277	307	263	264	294	317	290	258	287	270	272	276	338	359	334	329	306	269	368	355	280	267	318	338	3,627	3,609	7,236
Total	3,484	3,374	3,263	3,152	3,757	3,513	3,447	3,200	3,455	3,233	3,584	3,500	3,823	3,737	4,168	3,832	3,546	3,170	4,126	3,972	3,500	3,322	3,753	3,542	43,906	41,547	85,453

Source: Ministry of Interior records reported to the Ministry of Health through district offices.

Table B.2: Number of registered Lebanese deaths by month, Qada and gender, 2015

Qada	Jan		Feb		Mar		April		May		June		July		Aug		Sep		Oct		Nov		Dec		Total		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	T
Aakkar	97	77	89	87	88	85	102	62	68	58	67	65	64	53	78	74	78	58	74	68	62	72	80	65	947	824	1,771
Minieh-Danniyeh	32	30	38	33	36	27	32	28	32	39	26	27	26	19	32	23	31	23	35	27	33	21	32	24	385	321	706
Tripoli	80	69	67	42	64	64	62	54	55	48	40	49	44	51	73	51	53	43	55	55	59	55	60	72	712	653	1,365
Zgharta	24	19	23	18	21	18	21	16	19	10	15	16	22	12	30	16	13	17	14	20	18	19	20	24	240	205	445
Koura	14	24	18	12	17	17	19	6	12	11	21	16	10	15	13	17	9	12	12	17	18	17	25	17	188	181	369
Bcharreh	19	12	12	13	16	18	18	12	13	15	9	14	11	14	10	6	7	5	17	19	12	16	21	14	165	158	323
Batroun	26	23	18	17	21	25	24	19	22	18	21	19	14	16	13	16	21	16	18	17	20	16	23	22	241	224	465
Hermel	16	17	10	10	21	15	14	11	12	12	16	8	20	15	22	15	11	10	20	18	15	8	10	7	187	146	333
Baalbek	65	42	91	53	94	73	82	59	79	58	81	53	83	60	83	79	79	63	97	71	91	53	106	80	1,031	744	1,775
Zahleh	45	41	47	41	60	56	51	45	40	41	47	42	52	44	49	46	53	49	60	48	46	36	56	48	606	537	1,143
Rachaiya	9	10	6	8	15	9	14	11	10	9	5	8	11	9	14	8	9	8	12	8	8	9	8	10	121	107	228
West Beqaa	20	28	27	31	34	32	26	17	35	22	24	17	21	20	25	18	15	21	30	20	26	25	21	20	304	271	575
Nabatiyeh	42	31	47	28	62	50	42	44	36	34	35	26	36	29	36	39	46	25	43	28	39	39	58	48	522	421	943
Hasbaiya	11	13	18	7	11	12	15	10	8	21	13	10	11	12	12	11	24	7	13	11	16	14	6	15	158	143	301
Marjaayoun	35	24	34	34	41	37	40	20	32	31	31	28	33	22	31	29	21	28	35	30	32	24	34	35	399	342	741
Bent Jbayl	41	38	42	31	41	41	41	37	41	30	36	31	46	27	43	22	27	26	42	27	46	44	40	40	486	394	880
Saida	50	38	55	43	49	40	49	47	39	37	50	42	42	28	38	28	49	42	40	35	48	40	40	47	549	467	1,016
Sour	58	59	76	49	61	61	60	48	44	42	43	41	46	32	43	23	42	39	58	29	48	41	72	57	651	521	1,172
Jezzine	15	16	32	14	27	23	16	19	21	23	21	17	24	19	14	15	15	13	21	12	26	15	19	16	251	202	453
Jbayl	34	22	39	29	35	32	33	37	25	23	26	25	30	28	23	23	32	20	30	25	17	17	37	38	361	319	680
Keserwan	46	45	46	42	48	30	35	36	35	33	27	34	31	22	31	35	29	21	34	25	41	30	31	35	434	388	822
Matn	90	51	57	46	74	55	57	54	57	67	59	35	58	45	61	60	57	46	60	62	46	45	59	71	735	637	1,372
Baabda	78	79	68	68	95	68	74	66	83	74	70	68	72	67	76	60	79	64	76	73	61	67	76	66	908	820	1,728
Aaley	47	46	53	28	48	58	53	47	38	39	37	31	33	20	46	35	48	29	56	41	47	42	40	35	546	451	997
Chouf	84	65	71	66	74	79	61	59	82	57	60	53	60	43	70	55	75	46	68	53	56	49	71	56	832	681	1,513
Beirut	165	129	162	115	161	163	150	128	133	120	134	115	113	115	132	104	128	106	146	121	118	112	154	135	1,696	1,463	3,159
Total	**1,243**	**1,048**	**1,246**	**965**	**1,314**	**1,188**	**1,191**	**992**	**1,071**	**972**	**1,014**	**890**	**1,013**	**837**	**1,098**	**908**	**1,051**	**837**	**1,166**	**960**	**1,049**	**926**	**1,199**	**1,097**	**13,655**	**11,620**	**25,275**

Source: Ministry of Interior records reported to the Ministry of Health through district offices.

Table B.3: Resident population* distribution by age group and gender, 2015

Age groups	Percent			Population 2015		
	M	F	T	M	F	T
0-4	3.6	3.3	6.9	154,495	141,621	296,116
5-9	4.3	4.1	8.3	182,390	173,807	356,197
10-14	4.9	4.5	9.4	210,285	193,119	403,404
15-19	5.2	4.5	9.8	224,447	193,977	418,425
20-24	5.1	4.7	9.8	218,868	201,702	420,570
25-29	3.9	4.2	8.1	167,370	180,244	347,614
30-34	3.5	3.8	7.4	151,920	163,937	315,857
35-39	3.0	3.7	6.7	128,746	158,787	287,533
40-44	2.7	3.5	6.2	117,159	150,204	267,363
45-49	2.5	3.0	5.6	108,576	128,746	237,322
50-54	2.2	2.5	4.8	95,701	107,288	202,990
55-59	1.8	2.0	3.8	77,248	85,831	163,078
60-64	1.7	2.0	3.7	72,956	85,831	158,787
65-69	1.6	1.7	3.2	68,665	72,956	141,621
70-74	1.4	1.4	2.8	60,081	60,081	120,163
75-79	1.0	0.9	1.9	42,915	38,624	81,539
80-84	0.6	0.6	1.2	25,749	25,749	51,498
85+	0.3	0.2	0.5	12,875	8,583	21,458
Total	***49.4***	***50.6***	***100.0***	***2,120,447***	***2,171,087***	***4,291,534***

**Excluding Palestinian camps and Syrian refugees.*

Source: Population estimate based on latest baseline data and age proportions available from the Central Administration of Statistics (CAS).

Table B.4: Resident population distribution by age group and Qada, 2015*

Qada	%	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85+	Total
Aakkar	6.91	20,476	24,631	27,895	28,934	29,082	24,037	21,841	19,883	18,488	16,411	14,037	11,277	10,980	9,793	8,309	5,638	3,561	1,484	296,757
Minieh-Danniyeh	3.26	9,652	11,611	13,149	13,639	13,709	11,331	10,296	9,372	8,715	7,736	6,617	5,316	5,176	4,616	3,917	2,658	1,679	699	139,887
Tripoli	6.74	19,950	23,998	27,179	28,191	28,335	23,420	21,280	19,372	18,013	15,989	13,676	10,987	10,698	9,541	8,096	5,494	3,470	1,446	289,136
Zgharta	1.50	4,448	5,350	6,059	6,285	6,317	5,221	4,744	4,319	4,016	3,565	3,049	2,449	2,385	2,127	1,805	1,225	774	322	64,458
Koura	1.35	4,012	4,825	5,465	5,668	5,698	4,709	4,279	3,895	3,622	3,215	2,750	2,209	2,151	1,919	1,628	1,105	698	291	58,138
Bcharreh	0.58	1,730	2,081	2,357	2,444	2,457	2,031	1,845	1,680	1,562	1,386	1,186	953	928	827	702	476	301	125	25,070
Batroun	1.04	3,082	3,707	4,198	4,355	4,377	3,618	3,287	2,992	2,782	2,470	2,113	1,697	1,653	1,474	1,251	849	536	223	44,662
	21.39																			
Hermel	1.41	4,160	5,005	5,668	5,879	5,909	4,884	4,438	4,040	3,756	3,334	2,852	2,291	2,231	1,990	1,688	1,146	724	301	60,297
Baalbek	5.93	17,552	21,113	23,911	24,802	24,929	20,604	18,722	17,043	15,848	14,067	12,032	9,666	9,412	8,394	7,122	4,833	3,052	1,272	254,375
Zahleh	3.96	11,723	14,102	15,971	16,566	16,651	13,762	12,505	11,384	10,585	9,396	8,036	6,456	6,286	5,607	4,757	3,228	2,039	850	169,903
Rachaiya	0.86	2,536	3,050	3,455	3,583	3,602	2,977	2,705	2,462	2,290	2,032	1,738	1,397	1,360	1,213	1,029	698	441	184	36,751
West Beqaa	1.97	5,824	7,006	7,934	8,230	8,272	6,837	6,212	5,655	5,259	4,668	3,992	3,208	3,123	2,785	2,363	1,604	1,013	422	84,408
	14.11																			
Nabatiyeh	2.92	8,637	10,390	11,767	12,205	12,267	10,139	9,213	8,387	7,798	6,922	5,921	4,757	4,632	4,131	3,505	2,378	1,502	626	125,176
Hasbaiya	0.71	2,102	2,528	2,863	2,970	2,985	2,467	2,242	2,041	1,898	1,685	1,441	1,158	1,127	1,005	853	579	366	152	30,463
Marjaayoun	1.71	5,061	6,088	6,895	7,152	7,188	5,941	5,398	4,914	4,570	4,056	3,469	2,787	2,714	2,421	2,054	1,394	880	367	73,349
Bent Jbayl	2.13	6,298	7,576	8,580	8,900	8,945	7,394	6,718	6,116	5,687	5,048	4,318	3,469	3,377	3,012	2,556	1,734	1,095	456	91,279
	7.46																			
Saida	5.55	16,421	19,752	22,370	23,203	23,322	19,276	17,515	15,945	14,826	13,160	11,256	9,043	8,805	7,853	6,663	4,522	2,856	1,190	237,979
Sour	5.46	16,181	19,464	22,044	22,865	22,982	18,995	17,260	15,712	14,610	12,968	11,092	8,911	8,677	7,739	6,566	4,456	2,814	1,173	234,509
Jezzine	0.65	1,916	2,305	2,611	2,708	2,722	2,250	2,044	1,861	1,730	1,536	1,314	1,055	1,028	917	778	528	333	139	27,775
	11.66																			
Jbayl	2.12	6,291	7,568	8,571	8,890	8,936	7,385	6,711	6,109	5,680	5,042	4,313	3,465	3,374	3,009	2,553	1,732	1,094	456	91,179
Keserwan	3.90	11,563	13,909	15,753	16,339	16,423	13,574	12,334	11,228	10,441	9,267	7,927	6,368	6,201	5,530	4,692	3,184	2,011	838	167,584
Matn	11.26	33,351	40,118	45,435	47,127	47,368	39,152	35,575	32,385	30,113	26,729	22,863	18,367	17,884	15,951	13,534	9,184	5,800	2,417	483,352
Baabda	11.35	33,614	40,435	45,794	47,499	47,742	39,460	35,855	32,640	30,350	26,940	23,043	18,512	18,025	16,076	13,641	9,256	5,846	2,436	487,166
Aaley	3.22	9,529	11,462	12,981	13,465	13,534	11,186	10,164	9,253	8,604	7,637	6,532	5,248	5,110	4,557	3,867	2,624	1,657	690	138,099
Chouf	4.11	12,172	14,641	16,582	17,199	17,287	14,288	12,983	11,819	10,990	9,755	8,344	6,703	6,527	5,821	4,939	3,352	2,117	882	176,401
	35.97																			
Beirut	9.40	27,833	33,481	37,918	39,330	39,531	32,674	29,689	27,027	25,131	22,307	19,080	15,328	14,925	13,312	11,295	7,664	4,841	2,017	403,381
	9.40																			
Total	*100.00*	*296,116*	*356,197*	*403,404*	*418,425*	*420,570*	*347,614*	*315,857*	*287,533*	*267,363*	*237,322*	*202,990*	*163,078*	*158,787*	*141,621*	*120,163*	*81,539*	*51,498*	*21,458*	*4,291,534*

**Excluding Palestinian camps and Syrian refugees.*

Source: Population estimate based on latest baseline data and age proportions available from the Central Administration of Statistics (CAS).

Table B.5: Resident population* distribution by Mohafaza and Qada, 2010-2015

Mohafaza	Qada	Percent of Total Population, 2010	Population 2010	Population 2011	Population 2012	Population 2013	Population 2014	Population 2015	Percent of Total Population, 2015
North	Aakkar	6.30	249,642	258,788	268,191	277,260	286,866	296,757	6.91
	Minieh-Danniyeh	3.07	121,722	125,429	129,116	132,482	136,249	139,887	3.26
	Tripoli	6.74	267,159	272,162	276,827	280,993	285,081	289,136	6.74
	Zgharta	1.48	58,479	60,331	61,570	62,520	63,437	64,458	1.50
	Koura	1.42	56,384	57,186	57,629	57,679	57,839	58,138	1.35
	Bcharreh	0.54	21,559	22,626	23,587	24,139	24,686	25,070	0.58
	Batroun	1.05	41,793	42,569	43,108	43,603	44,166	44,662	1.04
Total		**20.62**	**816,739**	**839,092**	**860,029**	**878,677**	**898,325**	**918,109**	**21.39**
Beqaa	Hermel	1.34	53,052	54,577	56,212	57,541	58,854	60,297	1.41
	Baalbek	5.51	218,285	226,566	231,648	240,242	247,533	254,375	5.93
	Zahleh	3.90	154,642	157,894	160,925	163,841	166,841	169,903	3.96
	Rachaiya	0.82	32,617	33,657	34,466	35,107	36,020	36,751	0.86
	West Beqaa	1.89	74,709	76,917	78,916	80,803	82,684	84,408	1.97
Total		**13.46**	**533,305**	**549,611**	**562,167**	**577,534**	**591,932**	**605,734**	**14.11**
Nabatiyeh	Nabatiyeh	2.95	116,703	117,871	119,214	120,352	122,345	125,176	2.92
	Hasbaiya	0.66	26,070	26,944	27,988	28,866	29,685	30,463	0.71
	Marjaayoun	1.51	59,676	63,037	66,441	68,771	71,128	73,349	1.71
	Bent Jbayl	1.90	75,237	79,038	82,345	85,512	88,444	91,279	2.13
Total		**7.01**	**277,686**	**286,890**	**295,988**	**303,501**	**311,602**	**320,267**	**7.46**
South	Saida	5.31	210,190	217,616	224,624	230,653	235,037	237,979	5.55
	Sour	5.34	211,601	216,368	221,040	225,539	230,247	234,509	5.46
	Jezzine	0.64	25,178	25,826	26,380	26,860	27,346	27,775	0.65
Total		**11.28**	**446,969**	**459,810**	**472,044**	**483,052**	**492,630**	**500,263**	**11.66**
Mount Lebanon	Jbayl	2.19	86,659	87,770	88,650	89,591	90,432	91,179	2.12
	Keserwan	4.15	164,489	165,216	165,875	166,480	167,039	167,584	3.90
	Matn	12.10	479,510	480,197	480,936	481,535	482,535	483,352	11.26
	Baabda	12.15	481,423	482,690	483,777	484,861	486,312	487,166	11.35
	Aaley	3.34	132,503	133,651	134,791	135,865	137,065	138,099	3.22
	Chouf	4.14	164,074	166,799	169,331	171,794	174,181	176,401	4.11
Total		**38.08**	**1,508,658**	**1,516,323**	**1,523,360**	**1,530,126**	**1,537,564**	**1,543,781**	**35.97**
Beirut	Beirut	9.55	378,464	384,725	390,238	394,880	399,304	403,381	9.40
Total		**9.55**	**378,464**	**384,725**	**390,238**	**394,880**	**399,304**	**403,381**	**9.40**
Total Population		*100.00*	*3,961,820*	*4,036,450*	*4,103,825*	*4,167,769*	*4,231,356*	*4,291,534*	*100*

**Excluding Palestinian camps and Syrian refugees.*

Source: Population estimate based on latest baseline data and age proportions available from the Central Administration of Statistics (CAS) in addition to birth and death records available from the Ministry of Interior.

Table B.6: Resident population* distribution by age group, Qada and some basic indicators, 2015

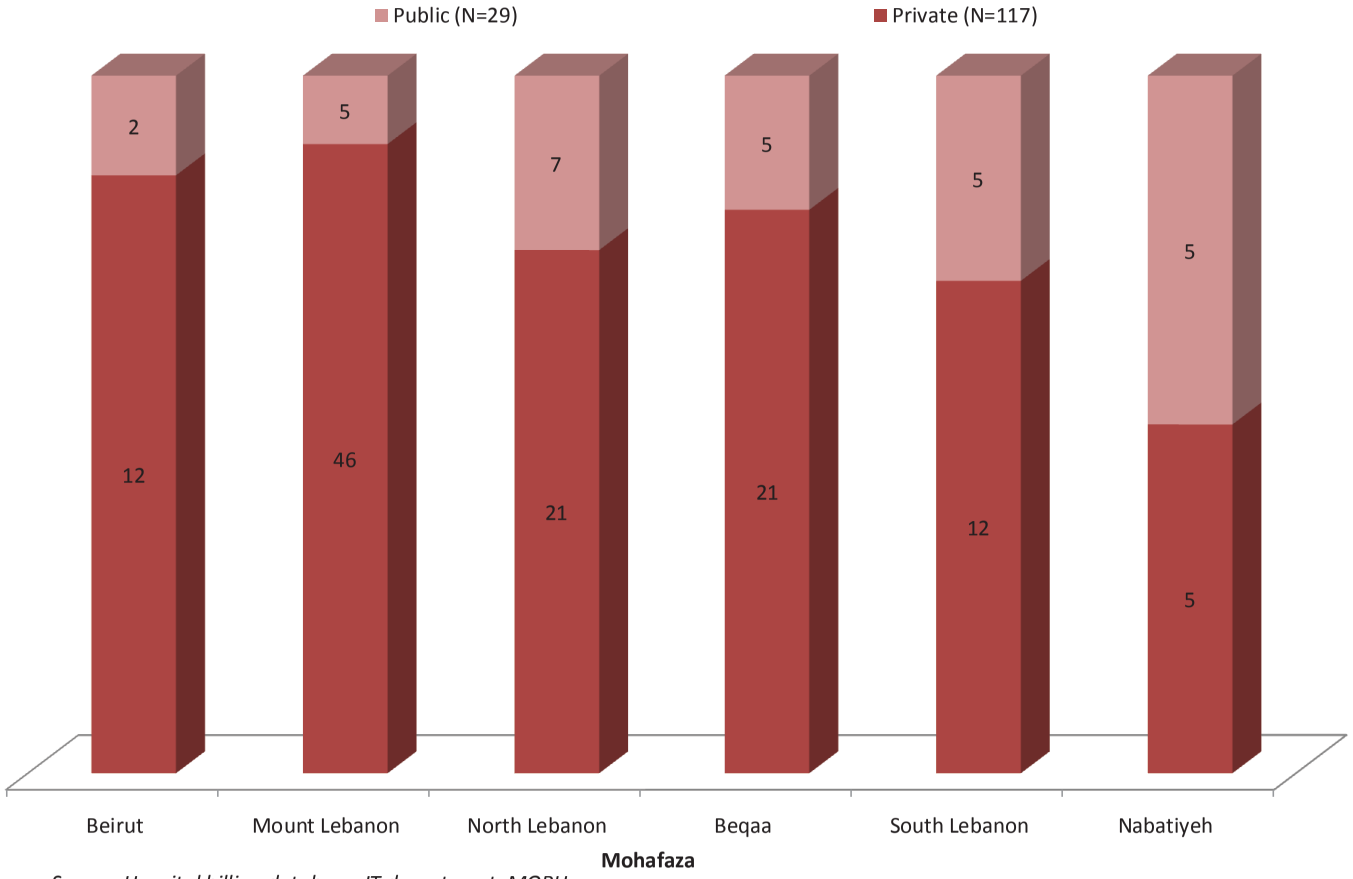
Qada	0-4	5-9	10-14	<15years	>65years	Active Population**	Total Population	Births	Deaths	CBR	CDR	RNI
Aakkar	20,476	24,631	27,895	73,002	28,786	194,969	296,757	11,662	1,771	39.30	5.97	3.33
Minieh-Danniyeh	9,652	11,611	13,149	34,412	13,569	91,905	139,887	4,344	706	31.05	5.05	2.60
Tripoli	19,950	23,998	27,179	71,128	28,046	189,962	289,136	5,420	1,365	18.75	4.72	1.40
Zgharta	4,448	5,350	6,059	15,857	6,252	42,349	64,458	1,466	445	22.74	6.90	1.58
Koura	4,012	4,825	5,465	14,302	5,639	38,197	58,138	668	369	11.49	6.35	0.51
Bcharreh	1,730	2,081	2,357	6,167	2,432	16,471	25,070	707	323	28.20	12.88	1.53
Batroun	3,082	3,707	4,198	10,987	4,332	29,343	44,662	961	465	21.52	10.41	1.11
Hermel	4,160	5,005	5,668	14,833	5,849	39,615	60,297	1,776	333	29.45	5.52	2.39
Baalbek	17,552	21,113	23,911	62,576	24,674	167,124	254,375	8,617	1,775	33.88	6.98	2.69
Zahleh	11,723	14,102	15,971	41,796	16,481	111,626	169,903	4,205	1,143	24.75	6.73	1.80
Rachaiya	2,536	3,050	3,455	9,041	3,565	24,146	36,751	959	228	26.09	6.20	1.99
West Beqaa	5,824	7,006	7,934	20,764	8,188	55,456	84,408	2,299	575	27.24	6.81	2.04
Nabatiyeh	8,637	10,390	11,767	30,793	12,142	82,241	125,176	3,774	943	30.15	7.53	2.26
Hasbaiya	2,102	2,528	2,863	7,494	2,955	20,014	30,463	1,079	301	35.42	9.88	2.55
Marjaayoun	5,061	6,088	6,895	18,044	7,115	48,190	73,349	2,962	741	40.38	10.10	3.03
Bent Jbayl	6,298	7,576	8,580	22,455	8,854	59,970	91,279	3,715	880	40.70	9.64	3.11
Saida	16,421	19,752	22,370	58,543	23,084	156,352	237,979	3,958	1,016	16.63	4.27	1.24
Sour	16,181	19,464	22,044	57,689	22,747	154,072	234,509	5,434	1,172	23.17	5.00	1.82
Jezzine	1,916	2,305	2,611	6,833	2,694	18,248	27,775	882	453	31.76	16.31	1.54
Jbayl	6,291	7,568	8,571	22,430	8,844	59,904	91,179	1,427	680	15.65	7.46	0.82
Keserwan	11,563	13,910	15,753	41,226	16,256	110,103	167,584	1,367	822	8.16	4.90	0.33
Matn	33,351	40,118	45,435	118,905	46,885	317,562	483,352	2,189	1,372	4.53	2.84	0.17
Baabda	33,615	40,435	45,794	119,843	47,255	320,068	487,166	2,582	1,728	5.30	3.55	0.18
Aaley	9,529	11,462	12,981	33,972	13,396	90,731	138,099	2,031	997	14.71	7.22	0.75
Chouf	12,172	14,641	16,582	43,395	17,111	115,895	176,401	3,733	1,513	21.16	8.58	1.26
Beirut	27,833	33,481	37,918	99,232	39,128	265,021	403,381	7,236	3,159	17.94	7.83	1.01
Total	**296,116**	**356,198**	**403,405**	**1,055,720**	**416,280**	**2,819,535**	**4,291,534**	**85,453**	**25,275**	**19.91**	**5.89**	**1.40**

Excluding Palestinian camps and Syrian refugees.

**Active Population: Population between 15-65 years of age regardless of their employment status.*

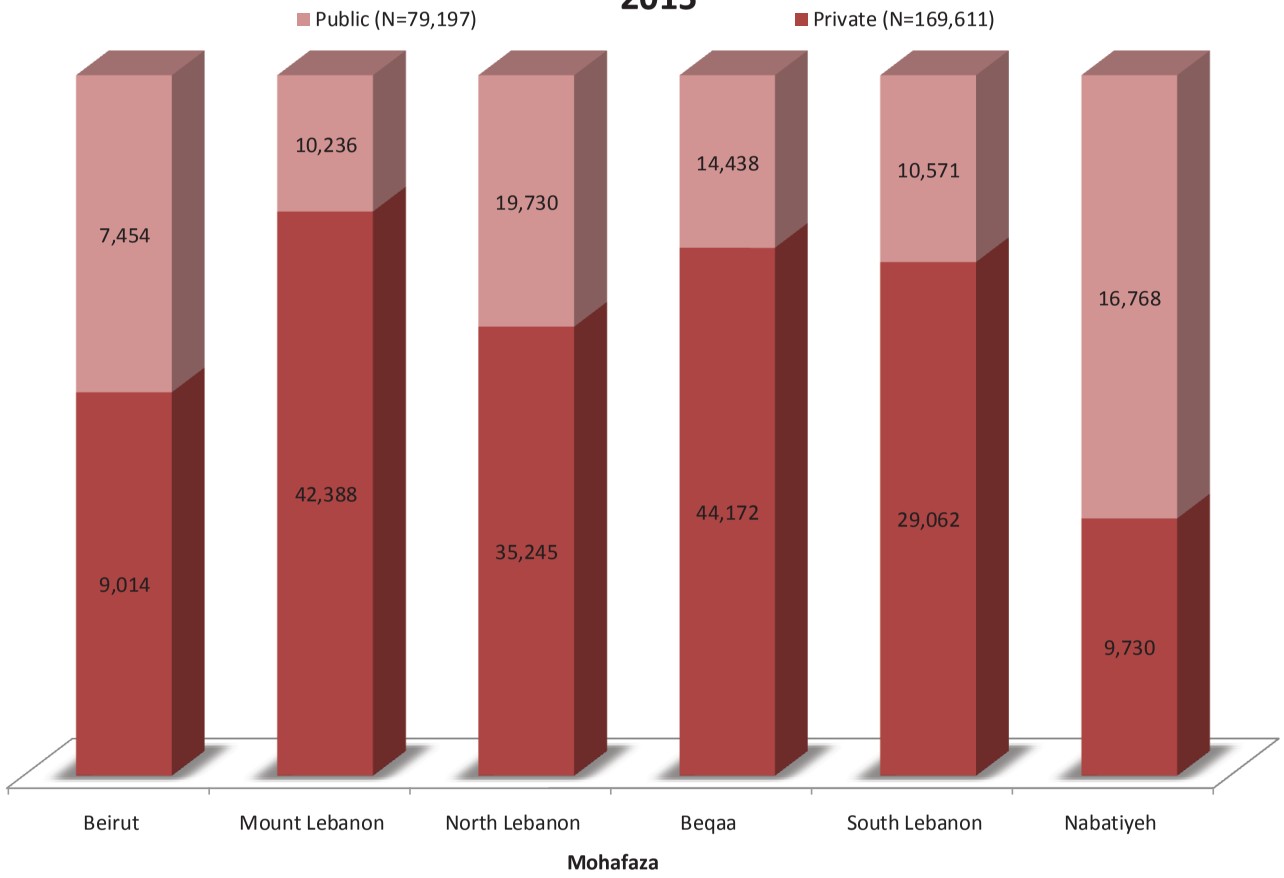
Source: Population estimate based on latest baseline data and age proportions available from the Central Administration of Statistics (CAS) in addition to birth and death records available from the Ministry of Interior.

Graph C.1: Hospitals contracting with MOPH by Mohafaza and type, 2015



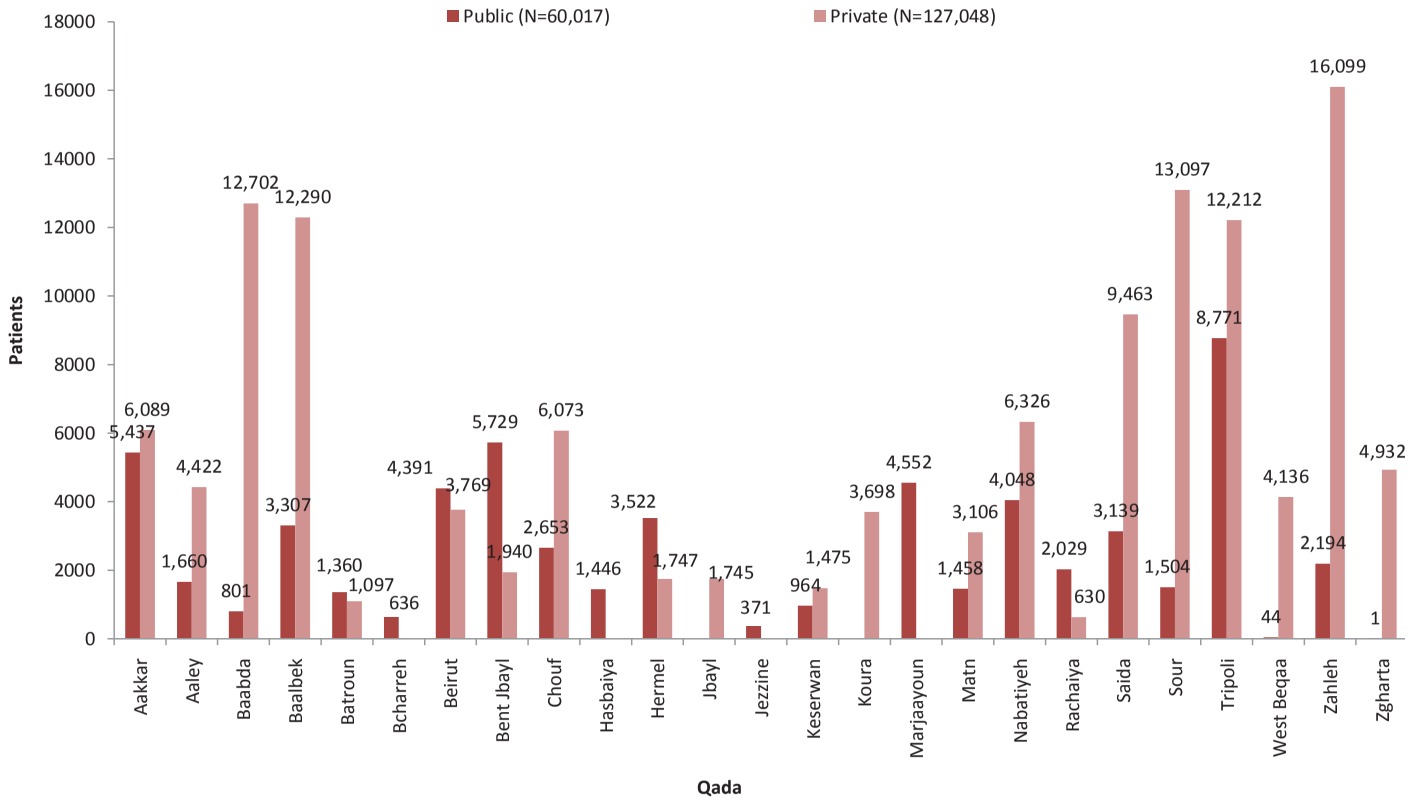
Source: Hospital billing database, IT department, MOPH.

Graph C.2 : MOPH subsidized admissions by Mohafaza and type of hospital, 2015



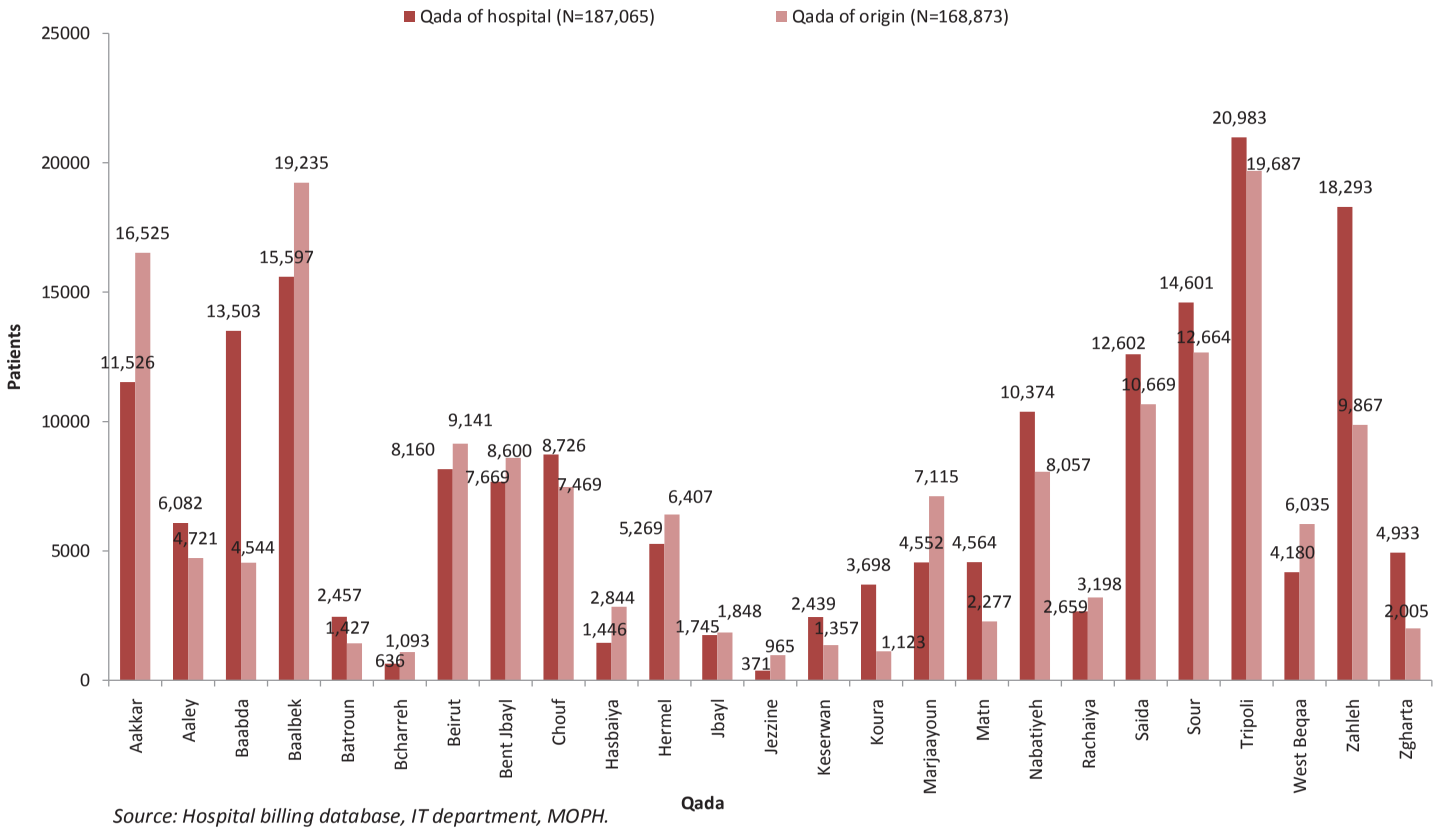
Source: Hospital billing database, IT department, MOPH.

Graph C.3: MOPH subsidized in-patients by Qada and type of hospital, 2015



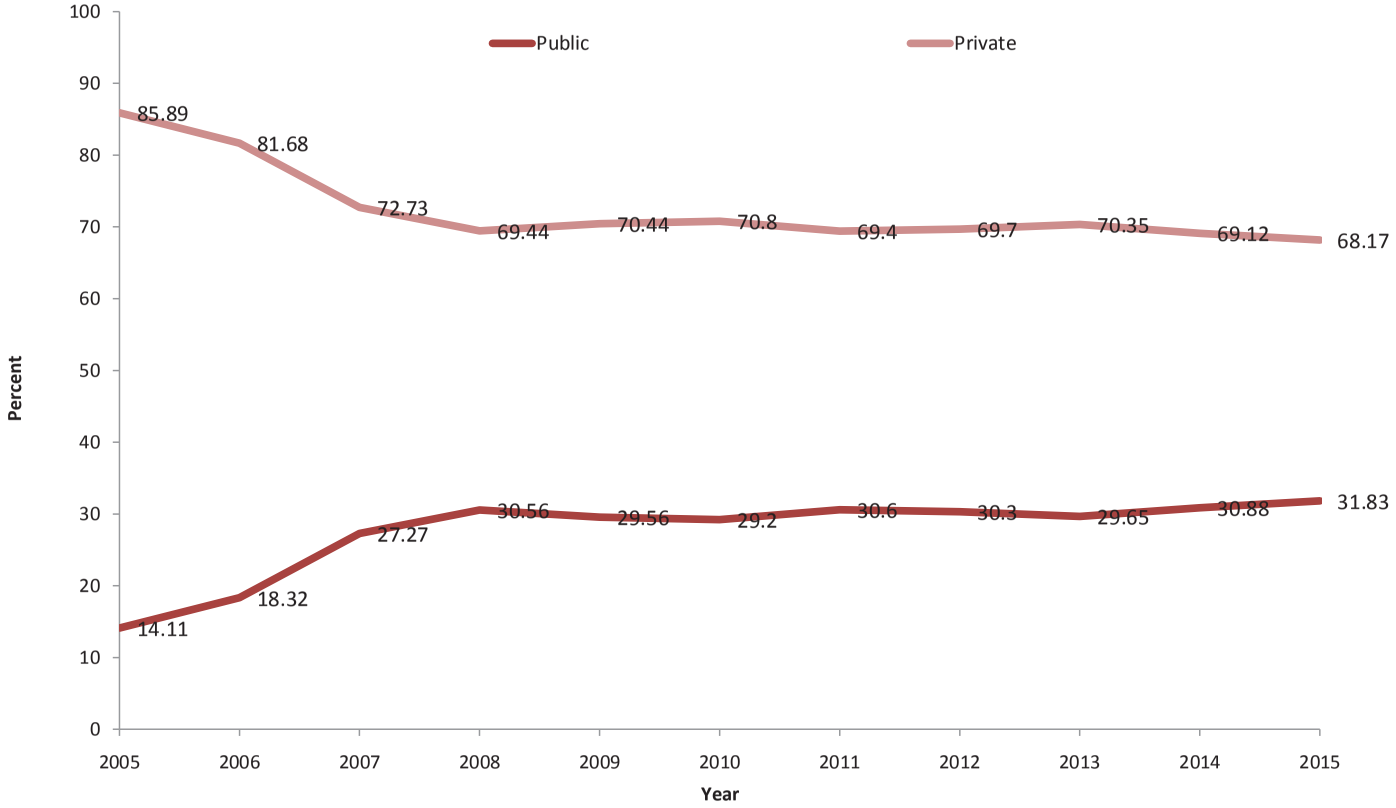
Source: Hospital billing database, IT department, MOPH.

Graph C.4: MOPH subsidized in-patients by Qada of hospital and Qada of origin, 2015



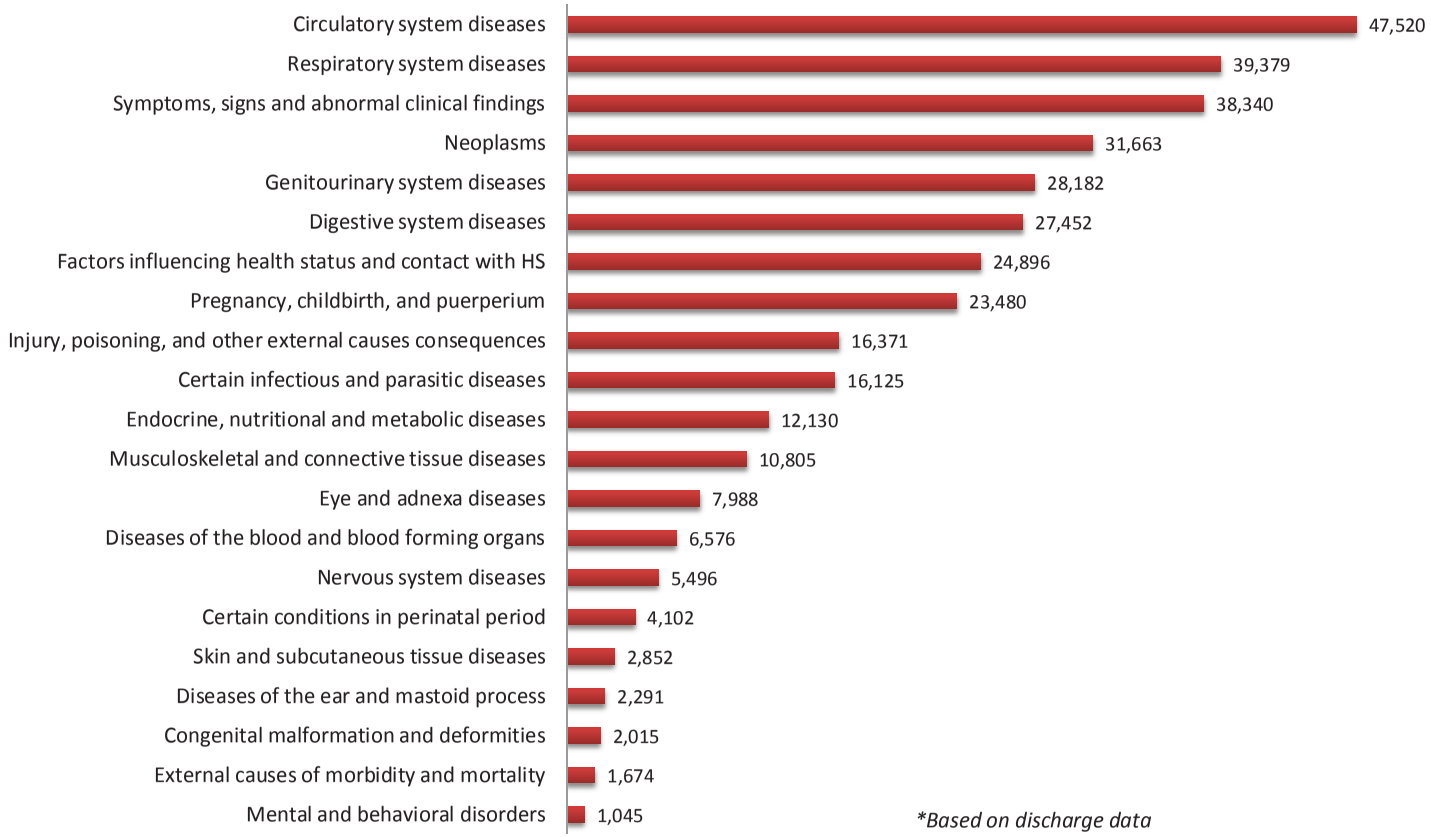
Source: Hospital billing database, IT department, MOPH.

Graph C.5: The evolution of MOPH subsidized admissions in public and private hospitals between 2005 and 2015



Source: Hospital billing database, IT department, MOPH.

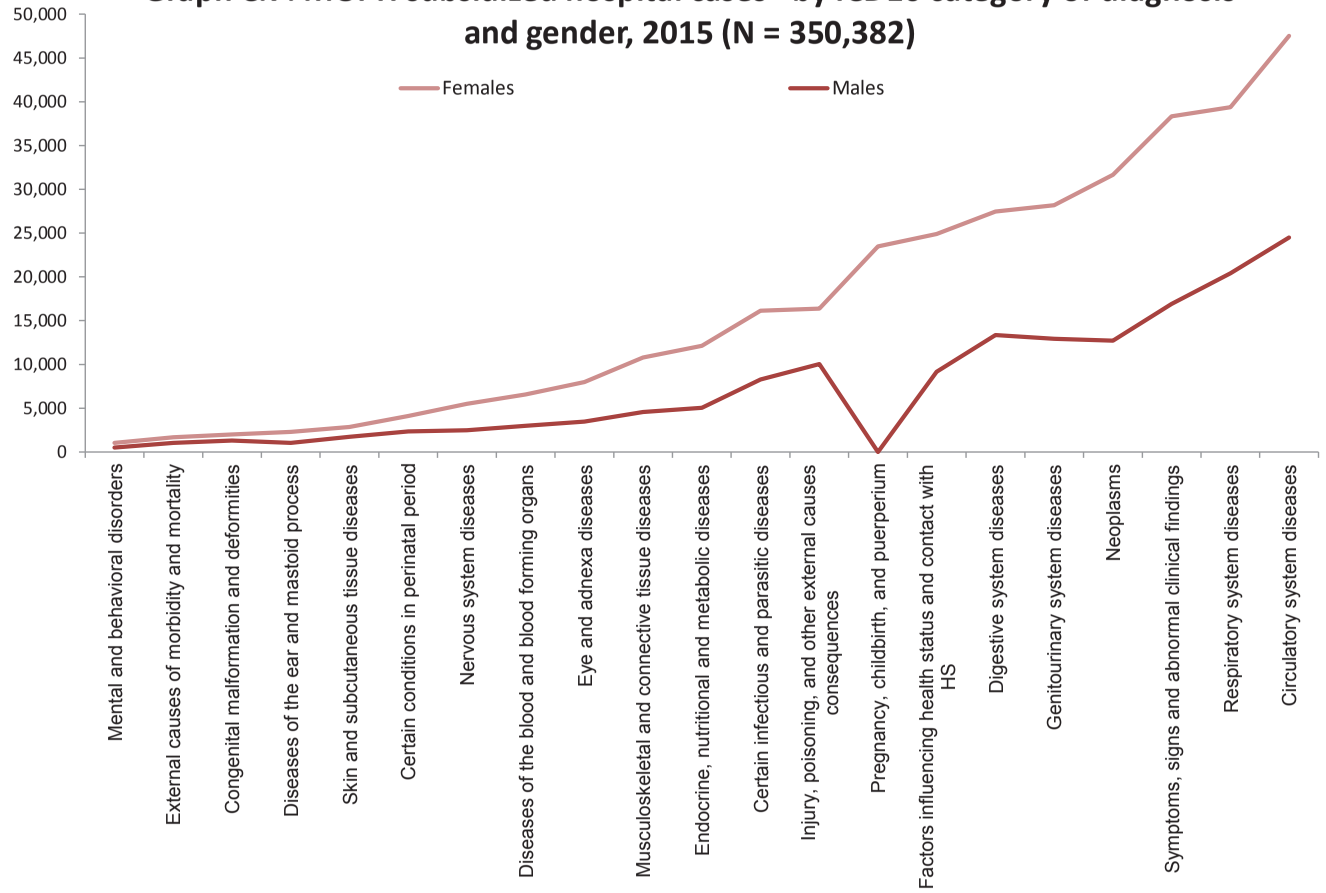
Graph C.6: MOPH subsidized hospital cases* by ICD10 category of diagnosis, 2015 (N=350,382)



Based on discharge data

Source: Hospital billing database, IT department, MOPH

Graph C.7: MOPH subsidized hospital cases* by ICD10 category of diagnosis and gender, 2015 (N = 350,382)



*Based on discharge data

Source: Hospital billing database, IT department, MOPH.

Table C.1: MOPH subsidized hospital cases* by category of diagnosis and gender, 2015

ICD10	Codes	Description	M	F	T
Chapter 1	**A00-B99**	**Certain infectious and parasitic diseases**	**M**	**F**	**T**
	A00-A09	Intestinal Infectious Diseases	6,244	5,959	**12,203**
	A15-A19	Tuberculosis	38	37	**75**
	A20-A28	Certain zoonotic bacterial diseases	74	72	**146**
	A30-A49	Other bacterial diseases	630	622	**1,252**
	A50-A64	Infections with a predominantly sexual mode of transmission	17	27	**44**
	A65-A69	Other spirochaetal diseases	5	5	**10**
	A70-A74	Other diseases caused by chlamydiae	2	3	**5**
	A75-A79	Rickettsioses	3	3	**6**
	A80-A89	Viral Infections of the CNS	23	21	**44**
	A90-A99	Arthropod-borne viral fevers and viral hemorrhagic fevers	5	3	**8**
	B00-B09	Viral Infections characterized by skin and mucous membrane lesions	109	67	**176**
	B15-B19	Viral hepatitis	206	159	**365**
	B20-B24	Human immunodeficiency virus[HIV] disease	25	5	**30**
	B25-B34	Other viral diseases	304	134	**438**
	B35-B49	Mycoses	73	86	**159**
	B50-B64	Protozoal diseases	42	10	**52**
	B65-B83	Helminthiases	31	43	**74**
	B85-B89	Pediculosis, acariasis and other infestations	4	7	**11**
	B90-B94	Sequelae of infectious and parasitic diseases	4	3	**7**
	B95-B97	Bacterial, viral and other infectious agents	409	573	**982**
	B99	Other infectious diseases	24	14	**38**
Total			**8,272**	**7,853**	**16,125**
Chapter 2	**C00-D48**	**Neoplasms**	**M**	**F**	**T**
	C00-C97	Malignant Neoplasms	**11,438**	**16,441**	**27,879**
	C00-C14.8	*Lip oral cavity and pharynx*	*146*	*149*	**295**
	C15-C26.9	*Digestive organs*	*1,875*	*1,725*	**3,600**
	C30-C39.9	*Respiratory and intrathoracic organs*	*2,258*	*1,032*	**3,290**
	C40-C41.9	*Bone and articular cartilage*	*139*	*138*	**277**
	C43-C44.9	*Melanoma and other malignant neoplasms of skin*	*82*	*88*	**170**
	C45-C49.9	*Mesothelial and soft tissue*	*187*	*101*	**288**
	C50-C50.9	*Breast*	*190*	*7,199*	**7,389**
	C51-C58	*Female genital organs*	*0*	*1,519*	**1,519**
	C60-C63.9	*Male genital organs*	*812*	*0*	**812**
	C64-C68.9	*Urinary tract*	*1,110*	*521*	**1,631**
	C69-C72.9	*Eye, brain and other parts of CNS*	*268*	*169*	**437**
	C73-C75.9	*Thyroid and other endocrine glands*	*107*	*151*	**258**
	C76-C80	*Ill-defined, secondary and unspecified sites*	*591*	*1,026*	**1,617**
	C81-C96.9	*Lymphoid, haematopoietic and related tissue*	*3,670*	*2,619*	**6,289**
	C97	*Independent (primary) multiple sites*	*3*	*4*	**7**
	D00-D09	In situ neoplasms	105	136	**241**
	D10-D36	Benign neoplasms	804	1,956	**2,760**
	D37-D48	Neoplasms of uncertain and unknown behavior	365	418	**783**
Total			**12,712**	**18,951**	**31,663**

ICD10	Codes	Description	M	F	T
Chapter 3	**D50-D89**	**Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism**	**M**	**F**	**T**
	D50-D53	Nutritional anaemias	468	872	**1,340**
	D55-D59	Haemolytic anaemias	972	767	**1,739**
	D60-D64	Aplastic and other anaemias	1,013	1,519	**2,532**
	D65-D69	Coagulation defects, purpura and other haemorrhagic conditions	165	181	**346**
	D70-D77	Other diseases of the blood and blood forming organs	207	188	**395**
	D80-D89	Certain disorders involving the immune mechanism	160	64	**224**
Total			**2,985**	**3,591**	**6,576**
Chapter 4	**E00-E90**	**Endocrine, nutritional and metabolic diseases**	**M**	**F**	**T**
	E00-E07	Disorders of thyroid gland	254	1,114	**1,368**
	E10-E14	Diabetes mellitus	2,914	3,488	**6,402**
	E15-E16	Other disorders of glucose regulation and pancreatic internal secretion	87	82	**169**
	E20-E35	Disorders of other endocrine glands	127	273	**400**
	E40-E46	Malnutrition	25	20	**45**
	E50-E64	Other nutritional deficiencies	46	72	**118**
	E65-E68	Obesity and other hyperalimentation	292	659	**951**
	E70-E90	Metabolic disorders	1,308	1,369	**2,677**
Total			**5,053**	**7,077**	**12,130**
Chapter 5	**F00-F99**	**Mental and behavioral disorders**	**M**	**F**	**T**
	F00-F09	Organic, including symptomatic, mental disorders	32	39	**71**
	F10-F19	Mental and behavioral disorders due to psychoactive substance abuse	82	49	**131**
	F20-F29	Schizophrenia, schizotypal and delusional disorders	148	127	**275**
	F30-F39	Mood [affective] disorders	98	140	**238**
	F40-F48	Neurotic, stress-related and somatoform disorders	79	125	**204**
	F50-F59	Behavioral syndromes associated with physiological disturbances and physical factors	12	16	**28**
	F60-F69	Disorders of adult personality and behaviour	1	6	**7**
	F70-F79	Mental retardation	36	21	**57**
	F80-F89	Disorders of psychological development	7	10	**17**
	F90-F98	Behavioral and emotional disorders with onset usually occurring in childhood and adolescence	5	6	**11**
	F99	Unspecified mental disorder	2	4	**6**
Total			**502**	**543**	**1,045**
Chapter 6	**G00-G99**	**Diseases of the nervous system**	**M**	**F**	**T**
	G00-G09	Inflammatory diseases of the central nervous system	118	60	**178**
	G10-G13	Systemic atrophies primarily affecting the nervous system	22	16	**38**
	G20-G26	Extrapyramidal and mood disorders	41	59	**100**
	G30-G32	Other degenerative diseases of the nervous system	68	92	**160**
	G35-G37	Demyelinating diseases of the CNS	91	204	**295**
	G40-G47	Episodic and paroxysmal disorders	1,164	1,233	**2,397**
	G50-G59	Nerve, nerve root and plexus disorders	266	704	**970**
	G60-G64	Polyneuropathies and other disorders of the peripheral NS	54	71	**125**
	G70-G73	Diseases of myoneural junction and muscle	25	34	**59**
	G80-G83	Cerebral palsy and other paralytic syndromes	377	346	**723**
	G90-G99	Others disorders of the nervous system	248	203	**451**
Total			**2,474**	**3,022**	**5,496**

ICD10	Codes	Description	M	F	T
Chapter 7	**H00-H59**	**Diseases of the eye and adnexa**	**M**	**F**	**T**
	H00-H06	Disorders of eyelid, lachrymal system and orbit	103	166	**269**
	H10-H13	Disorders of conjunctiva	56	49	**105**
	H15-H22	Disorders of sclera, cornea, iris, and ciliary body	69	98	**167**
	H25-H28	Disorders of lens	2,560	3,559	**6,119**
	H30-H36	Disorders of choroid and retina	84	59	**143**
	H40-H42	Glaucoma	180	201	**381**
	H43-H45	Disorders of vitreous body and globe	188	111	**299**
	H46-H48	Disorders of optic nerve and visual pathways	3	13	**16**
	H49-H52	Disorders of ocular muscles, binocular movement accommodation and refraction	88	93	**181**
	H53-H54	Visual disturbances and blindness	84	88	**172**
	H55-H59	Other disorders of eye and adnexa	68	68	**136**
Total			**3,483**	**4,505**	**7,988**
Chapter 8	**H60-H95**	**Diseases of the ear and mastoid process**	**M**	**F**	**T**
	H60-H62	Diseases of the external ear	164	160	**324**
	H65-H75	Diseases of the middle ear and mastoid	631	686	**1,317**
	H80-H83	Diseases of the inner ear	209	365	**574**
	H90-H95	Other disorders of ear	40	36	**76**
Total			**1,044**	**1,247**	**2,291**
Chapter 9	**I00-I99**	**Diseases of the circulatory system**	**M**	**F**	**T**
	I00-I02	Acute rheumatic fever	46	64	**110**
	I05-I09	Chronic rheumatic heart disease	164	242	**406**
	I10-I15	Hypertensive diseases	4,908	6,606	**11,514**
	I20-I25	Ischemic heart diseases	10,704	7,394	**18,098**
	I26-I28	Pulmonary heart disease and diseases of the pulmonary circulation	79	135	**214**
	I30-I52	Other forms of heart disease	4,423	5,345	**9,768**
	I60-I69	Cerebrovascular diseases	1,343	1,510	**2,853**
	I70-I79	Diseases of arteries, arterioles and capillaries	895	562	**1,457**
	I80-I89	Diseases of veins, lymphatic vessels and lymph nodes NEC	1,733	908	**2,641**
	I95-I99	Other and unspecified disorders of the circulatory system	196	263	**459**
Total			**24,491**	**23,029**	**47,520**
Chapter 10	**J00-J99**	**Diseases of the respiratory system**	**M**	**F**	**T**
	J00-J06	Acute upper respiratory infections	1,727	1,439	**3,166**
	J10-J18	Influenza and pneumonia	6,745	6,177	**12,922**
	J20-J22	Other acute lower respiratory infections	2,874	2,494	**5,368**
	J30-J39	Other diseases of upper respiratory tract	3,886	3,817	**7,703**
	J40-J47	Chronic lower respiratory diseases	3,190	3,093	**6,283**
	J60-J70	Lung diseases due to external agents	76	66	**142**
	J80-J84	Other resp. diseases principally affecting interstitium	824	936	**1,760**
	J85-J86	Suppurative and necrotic conditions of lower RT	37	22	**59**
	J90-J94	Other diseases of plura	532	459	**991**
	J95-J99	Other diseases of the respiratory system	515	470	**985**
Total			**20,406**	**18,973**	**39,379**

ICD10	Codes	Description	M	F	T
Chapter 11	**K00-K93**	**Diseases of the digestive system**	**M**	**F**	**T**
	K00-K14	Diseases of oral cavity, salivary glands and jaws	170	213	**383**
	K20-K31	Diseases of oesophagus, stomach and duodenum	1,964	2,874	**4,838**
	K35-K38	Diseases of appendix	895	809	**1,704**
	K40-K46	Hernia	3,822	1,535	**5,357**
	K50-K52	Noninfective enteritis and colitis	1,523	1,789	**3,312**
	K55-K63	Other diseases of intestines	1,963	1,753	**3,716**
	K65-K67	Diseases of peritoneum	165	220	**385**
	K70-K77	Diseases of liver	536	360	**896**
	K80-K87	Disorders of gallbladder, biliary tract and pancreas	1,940	4,085	**6,025**
	K90-K93	Other diseases of the digestive system	387	449	**836**
Total			**13,365**	**14,087**	**27,452**
Chapter 12	**L00-L99**	**Diseases of the skin and subcutaneous tissue**	**M**	**F**	**T**
	L00-L08	Infections of the skin and subcutaneous tissue	1,026	624	**1,650**
	L10-L14	Bullous disorders	12	7	**19**
	L20-L30	Dermatitis and eczema	30	27	**57**
	L40-L45	Papulosquamous disorders	26	14	**40**
	L50-L54	Urticaria and erythema	53	41	**94**
	L55-L59	Radiation-related disorders of the skin and subcutaneous tissue	4	4	**8**
	L60-L75	Disorders of skin appendages	56	43	**99**
	L80-L99	Other disorders of the skin and subcutaneous tissue	535	350	**885**
Total			**1,742**	**1,110**	**2,852**
Chapter 13	**M00-M99**	**Diseases of the musculoskeletal system and connective tissue**	**M**	**F**	**T**
	M00-M25	Arthropathies	**1,890**	**2,680**	**4,570**
	M0-M03	*Infectious arthropathies*	*35*	*32*	**67**
	M05-M14.8	*Inflammatory polyarthropathies*	*420*	*772*	**1,192**
	M15-M19.9	*Arthrosis*	*727*	*1,197*	**1,924**
	M20-M25.9	*Other joint disorders*	*708*	*679*	**1,387**
	M30-M36	Systemic connective tissue disorders	*52*	*122*	**174**
	M40-M54	Dorsopathies	**1,358**	**2,122**	**3,480**
	M40-M43.9	*Deforming dorsopathies*	*61*	*119*	**180**
	M45-M49.8	*Spondylopathies*	*171*	*289*	**460**
	M50-M54.9	*Other dorsopathies*	*1,126*	*1,714*	**2,840**
	M60-M79	Soft tissue disorders	**702**	**841**	**1,543**
	M60-M63.8	*Disorders of muscles*	*80*	*48*	**128**
	M65-M68.8	*Disorders of synovium and tendon*	*188*	*361*	**549**
	M70-M79.9	*Other soft tissue disorders*	*434*	*432*	**866**
	M80-M94	Osteopathies and chondropathies	**516**	**425**	**941**
	M80-M85.9	*Disorders of bonedensity and structure*	*205*	*244*	**449**
	M86-M90.8	*Other osteopathies*	*288*	*163*	**451**
	M91-M94.9	*Chondropathies*	*23*	*18*	**41**
	M95-M99	Other disorders of the musculoskeletal system and connective tissue	*41*	*56*	**97**
Total			**4,559**	**6,246**	**10,805**

ICD10	Codes	Description	M	F	T
Chapter 14	**N00-N99**	**Diseases of the genitourinary system**	**M**	**F**	**T**
	N00-N08	Glomerular diseases	227	367	**594**
	N10-N16	Renal tubulo-interstitial diseases	814	1,200	**2,014**
	N17-N19	Renal failure	1,996	1,929	**3,925**
	N20-N23	Urolithiasis	4,938	3,407	**8,345**
	N25-N29	Other disorders of kidney and ureter	119	95	**214**
	N30-N39	Other diseases of the urinary system	2,297	3,509	**5,806**
	N40-N51	Diseases of male genital organs	2,510	0	**2,510**
	N60-N64	Disorders of breast	29	352	**381**
	N70-N77	Inflammatory diseases of female pelvic organs	0	427	**427**
	N80-N98	Noninflammatory disorders of female genital tract	0	3,916	**3,916**
	N99	Other disorders of the genitourinary system	10	40	**50**
Total			**12,940**	**15,242**	**28,182**
Chapter 15	**O00-O99**	**Pregnancy, childbirth and puerperium**	**M**	**F**	**T**
	O00-O08	Pregnancy with abortive outcome	0	2,490	**2,490**
	O10-O16	Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	0	93	**93**
	O20-O29	Other maternal disorders predominantly related to pregnancy	0	332	**332**
	O30-O48	Maternal care related to the fetus and amniotic cavity and possible delivery problems	0	1,748	**1,748**
	O60-O75	Complications of labor and delivery	0	571	**571**
	O80-O84	Delivery	0	18,110	**18,110**
	O85-O92	Complications predominantly related to the puerperium	0	53	**53**
	O95-O99	Other obstetric conditions NEC	0	83	**83**
Total			**0**	**23,480**	**23,480**
Chapter 16	**P00-P96**	**Certain conditions originating in the perinatal period**	**M**	**F**	**T**
	P00-P04	Fetus and newborn affected by maternal factors and by complications of pregnancy labour and delivery	54	114	**168**
	P05-P08	Disorders related to length of gestation and fetal growth	243	235	**478**
	P10-P15	Birth trauma	11	4	**15**
	P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	1,184	701	**1,885**
	P35-P39	Infections specific to the perinatal period	268	222	**490**
	P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	459	355	**814**
	P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	59	67	**126**
	P75-P78	Digestive system disorders of fetus and newborn	25	17	**42**
	P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	11	8	**19**
	P90-P96	Other disorders originating in the perinatal period	35	30	**65**
Total			**2,349**	**1,753**	**4,102**

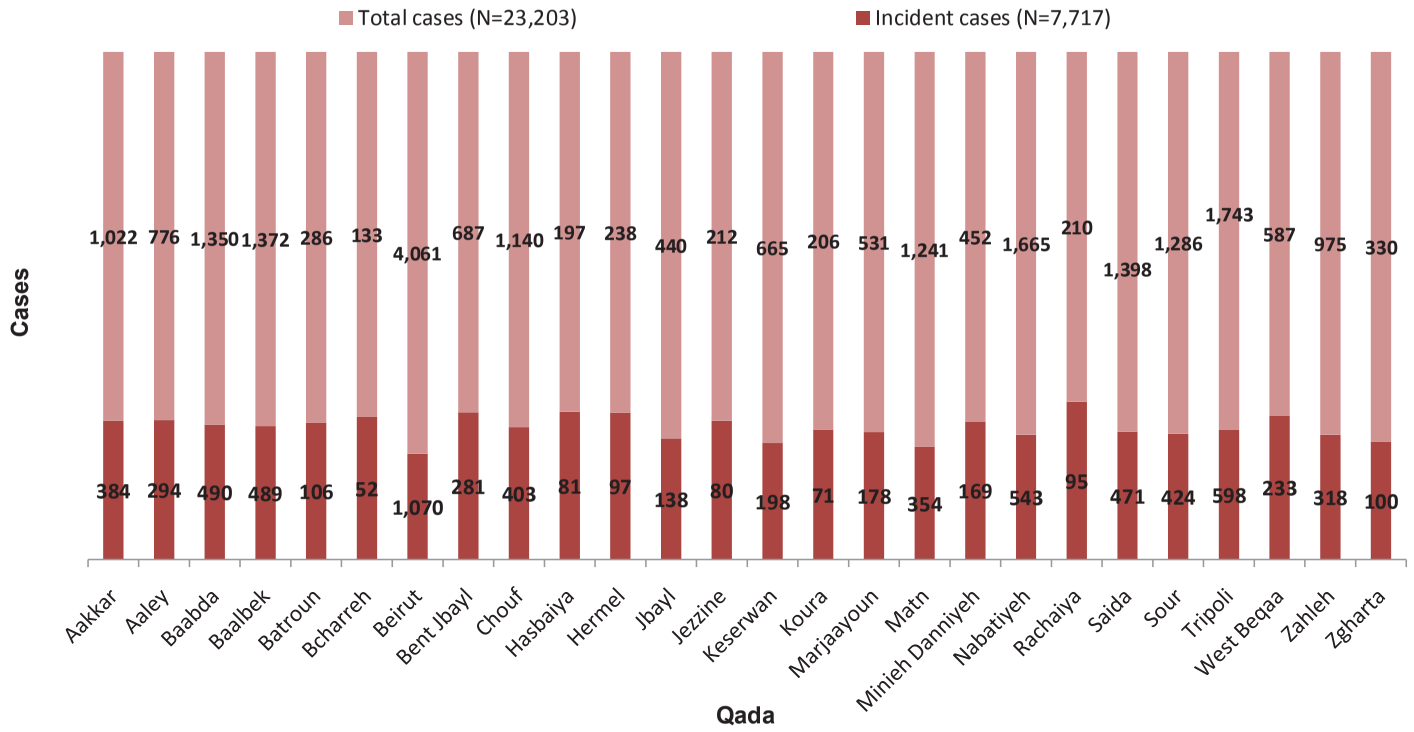
ICD10	Codes	Description	M	F	T
Chapter 17	**Q00-Q99**	**Congenital malformations, deformations and chromosomal abnormalities**	**M**	**F**	**T**
	Q00-Q07	Congenital malformations of the nervous system	45	62	**107**
	Q10-Q18	Congenital malformations of eye, ear, face and neck	23	13	**36**
	Q20-Q28	Congenital malformations of the circulatory system	243	172	**415**
	Q30-Q34	Congenital malformations of the respiratory system	21	21	**42**
	Q35-Q37	Cleft lip and cleft palate	15	27	**42**
	Q38-Q45	Other congenital malformations of the digestive system	101	76	**177**
	Q50-Q56	Congenital malformations of the genital organs	529	52	**581**
	Q60-Q64	Congenital malformations of the urinary system	141	77	**218**
	Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	120	133	**253**
	Q80-Q89	Other congenital malformations	34	55	**89**
	Q90-Q99	Chromosomal abnormalities, NEC	28	27	**55**
Total			**1,300**	**715**	**2,015**
Chapter 18	**R00-R99**	**Symptoms, signs and abnormal clinical and laboratory findings NEC**	**M**	**F**	**T**
	R00-R09	Symptoms and signs involving the circulatory and respiratory systems	4,468	5,246	**9,714**
	R10-R19	Symptoms and signs involving the digestive system and abdomen	5,985	9,679	**15,664**
	R20-R23	Symptoms and signs involving the skin and subcutaneous tissue	133	134	**267**
	R25-R29	Symptoms and signs involving the nervous and musculoskeletal systems	34	52	**86**
	R30-R39	Symptoms and signs involving the urinary system	901	509	**1,410**
	R40-R46	Symptoms and signs involving cognition, perception, emotional state and behaviour	564	808	**1,372**
	R47-R49	Symptoms and signs involving speech and voice	38	38	**76**
	R50-R69	General symptoms and signs	4,566	4,725	**9,291**
	R70-R79	Abnormal findings on examination of blood, without diagnosis	113	143	**256**
	R80-R82	Abnormal findings on examination of urine, without diagnosis	10	8	**18**
	R83-R89	Abnormal findings on examination of other body fluids substances and tissues, without diagnosis	4	11	**15**
	R90-R94	Abnormal findings on diagnostic imaging and in function studies, without diagnosis	61	48	**109**
	R95-R99	Ill-defined and unknown causes of mortality	27	35	**62**
Total			**16,904**	**21,436**	**38,340**

ICD10	Codes	Description	M	F	T
Chapter 19	**S00-T98**	**Injury, poisoning and certain other consequences of external causes**	**M**	**F**	**T**
	S00-S09	Injuries to the head	1,372	669	**2,041**
	S10-S19	Injuries to the neck	46	34	**80**
	S20-S29	Injuries to the thorax	244	121	**365**
	S30-S39	Injuries to the abdomen, lower back, lumbar spine and pelvis	320	179	**499**
	S40-S49	Injuries to the shoulder and upper arm	665	523	**1,188**
	S50-S59	Injuries to the elbow and forear	1,034	642	**1,676**
	S60-S69	Injuries to the wrist and hand	1,288	611	**1,899**
	S70-S79	Injuries to the hip and thigh	979	1,156	**2,135**
	S80-S89	Injuries to the knee and lower leg	1,210	584	**1,794**
	S90-S99	Injuries to the ankle and foot	450	257	**707**
	T00-T07	Injuries involving multiple body regions	1,206	642	**1,848**
	T08-T14	Injuries to unspecified part of trunk, limb or body region	326	181	**507**
	T15-T19	Effects of foreign body entering through natural orifice	75	46	**121**
	T20-T32	Burns and corrosions	165	109	**274**
	T33-T35	Frosbite	8	10	**18**
	T36-T50	Poisoning by drugs, medicaments and biological substances	57	60	**117**
	T51-T65	Toxic effects of substances chiefly nonmedicinal as to source	115	85	**200**
	T66-T78	Other and unspecified effects of external causes	69	88	**157**
	T79	Certain early complications of trauma	33	19	**52**
	T80-T88	Complications of surgical and medical care NEC	306	280	**586**
	T90-T98	Sequelae of injuries, of poisoning and of other consequences of external causes	73	34	**107**
Total			**10,041**	**6,330**	**16,371**
Chapter 20	**V01-Y98**	**External causes of morbidity and mortality**	**M**	**F**	**T**
Total			**1,039**	**635**	**1,674**
Chapter 21	**Z00-Z99**	**Factors influencing health status and contact with health services**	**M**	**F**	**T**
	Z00-Z13	Persons encountering health services for examination and investigation	513	621	**1,134**
	Z20-Z29	Persons with potential health hazards related to communicable diseases	48	38	**86**
	Z30-Z39	Persons encountering health services in circumstances related to reproduction	179	5,892	**6,071**
	Z40-Z54	Persons encountering health services for specific procedures and health care	6,386	8,004	**14,390**
	Z55-Z65	Persons with potential health hazards related to socioeconomic and psychosocial circumstances	5	9	**14**
	Z70-Z76	Persons encountering health services in other circumstances	524	338	**862**
	Z80-Z99	Persons with potential health hazards related to family and personal history and certain conditions influencing health status	1,515	824	**2,339**
Total			**9,170**	**15,726**	**24,896**
Total Number of Hospitalized Diagnoses			**154,831**	**195,551**	**350,382**

**Based on discharge data*

Source: Hospital Billing database, IT department, MOPH.

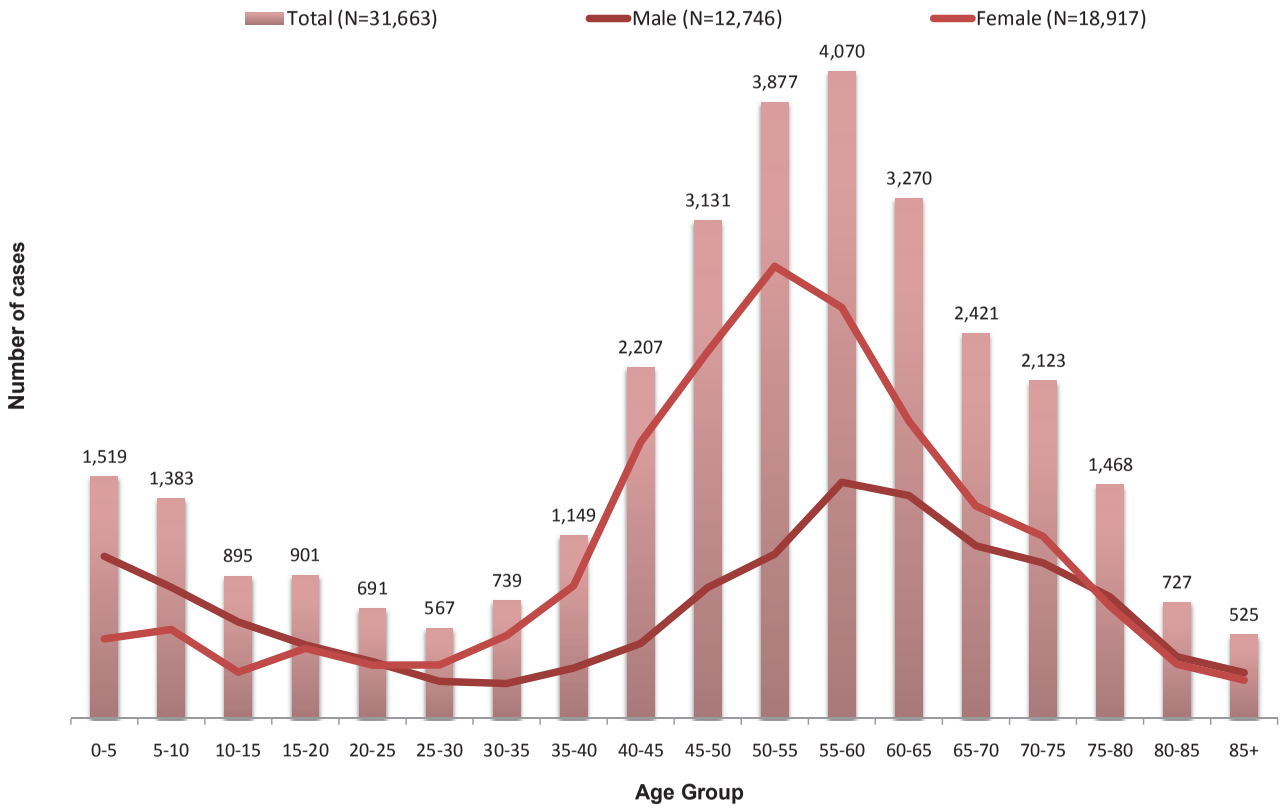
Graph C.8: Total and incident cases benefiting from the DDC* by Qada, 2015



*Drug Dispensing Center

Source: Drug dispensing center database, MOPH.

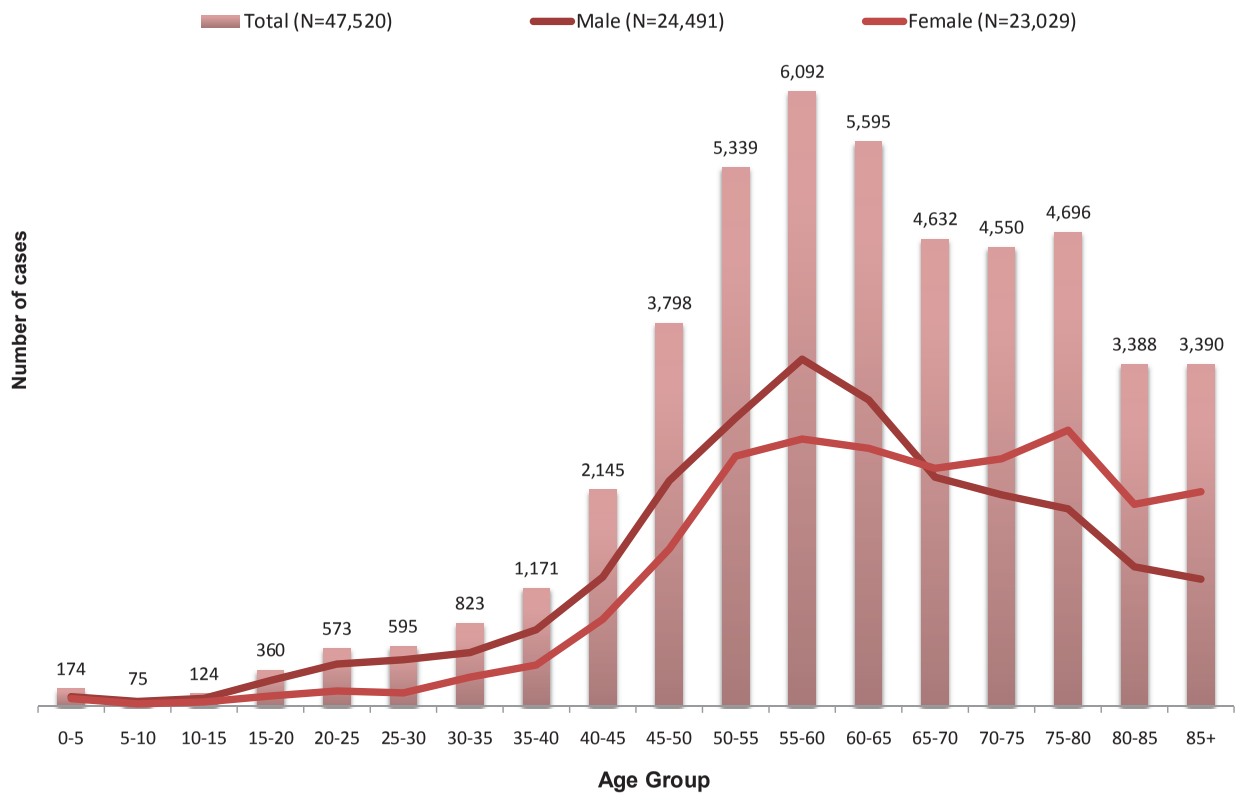
Graph D.1: MOPH subsidized hospitalized neoplasms cases* by gender and age group, 2015



*Based on discharge data

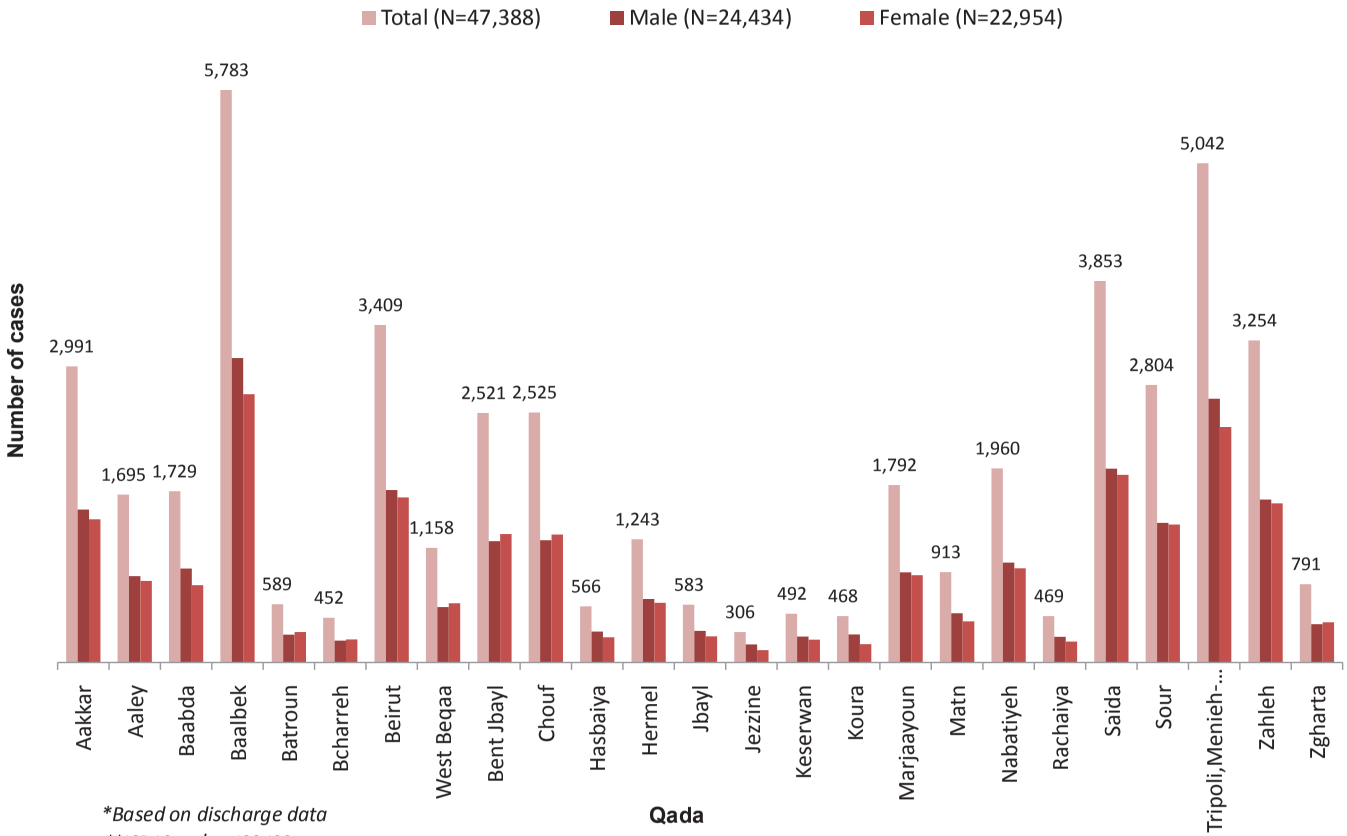
Source: Hospital billing database, IT department, MOPH.

Graph D.2: MOPH subsidized hospitalized* cardiovascular cases** by gender and age group, 2015



*Based on discharge data
**ICD10 codes: I00-I99
Source: Hospital billing database, IT department, MOPH.

Graph D.3: MOPH subsidized hospitalized* cardiovascular cases** by gender and Qada of origin, 2015

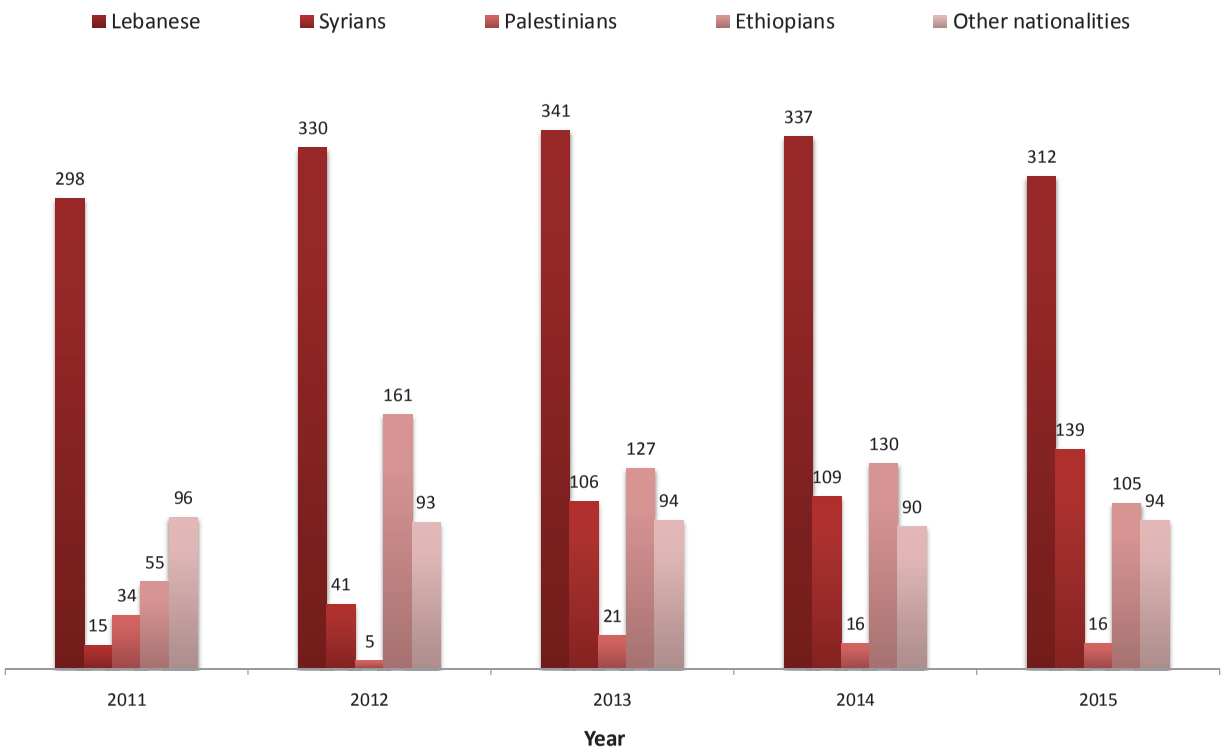


*Based on discharge data

**ICD10 codes: I00-I99

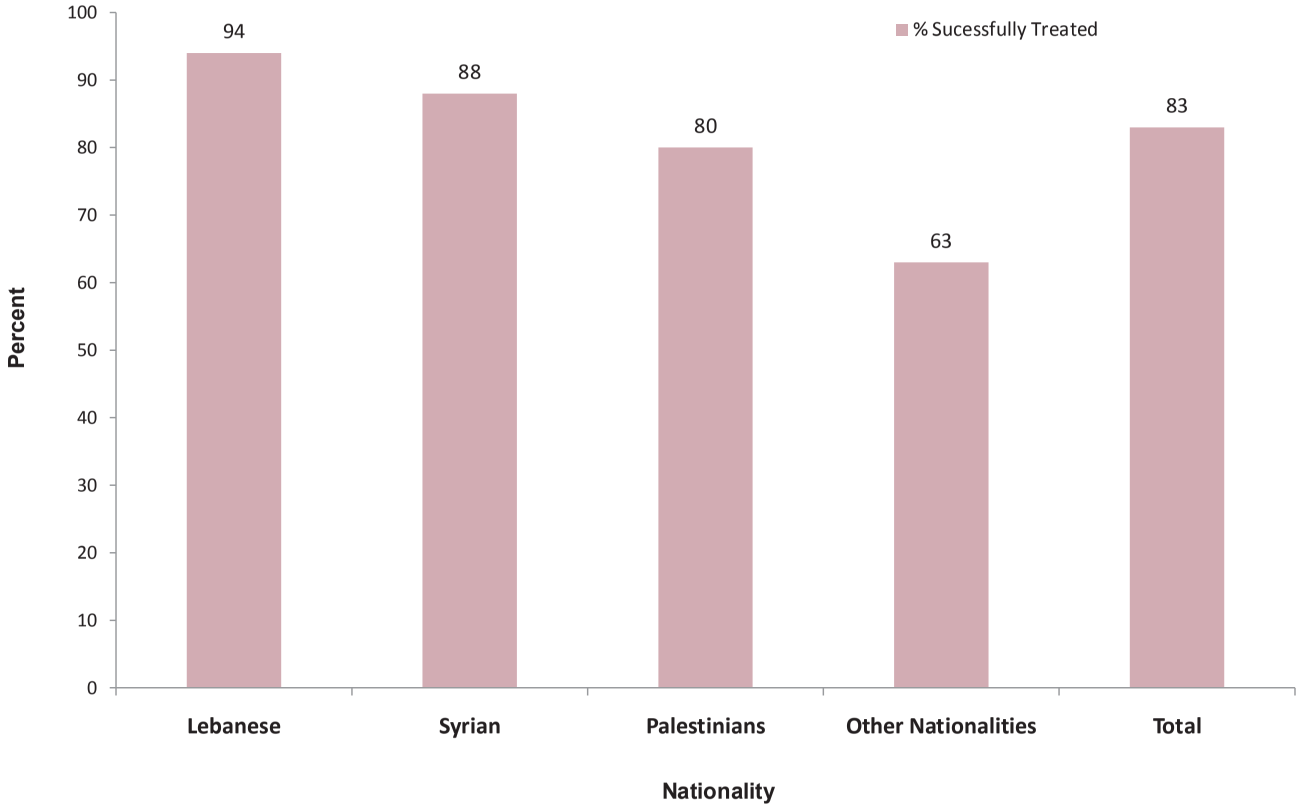
Source: Hospital billing database, IT department, MOPH.

Graph D.4: The trend in tuberculosis cases by nationality between 2011 and 2015



Source: The National Tuberculosis Program, MOPH.

Graph D.5: Proportion of tuberculosis treatment success by nationality, 2015



Source: The National Tuberculosis Program, MOPH.

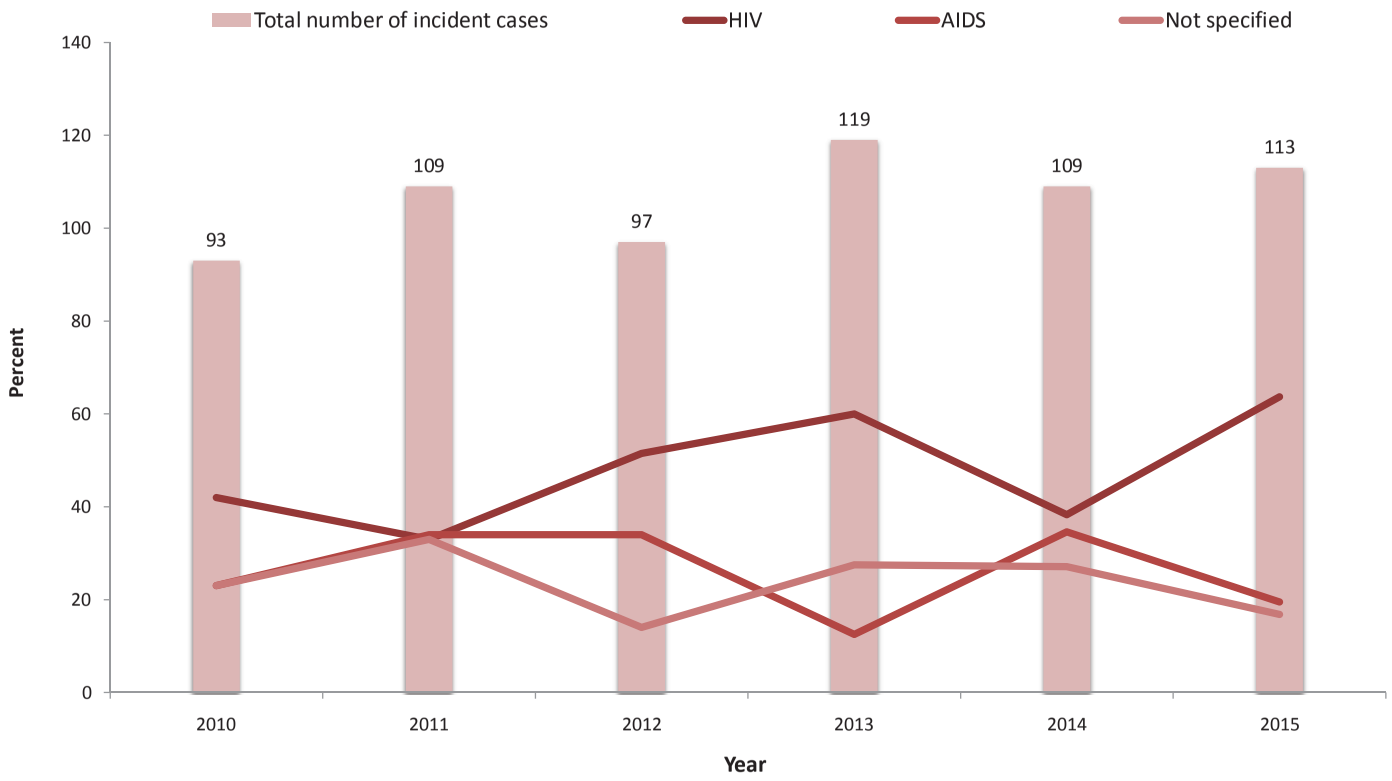
Table D.1: HIV/AIDS estimated incidence in Lebanon, 2015

Number of incident cases in 2015 is 113	
The estimated incidence rate is per 2.63 100,000*	
	N (%)
Stages of the Disease	
HIV	72 (63.7)
AIDS	22 (19.5)
Not specified	19 (16.8)
Gender	
Males	97 (85.8)
Females	16 (14.2)
Age Group	
0-14	0 (0)
15-29	36 (31.8)
30-49	43 (38.1)
>50	9 (8)
Unspecified	25 (22.1)
Mode of Transmission	
Sexual	92 (81.4)
Transfusion	0 (0)
IDU	3 (2.7)
Perinatal	0 (0)
Not specified	18 (15.9)
Sexual Behavior	
Homosexual	39 (34.5)
Bisexual	0 (0)
Heterosexual	17 (15)
Not specified	57 (50.4)
Travel History	
yes	8 (7.3)
no	105 (92.7)
ART	
New in 2015	Cumulative
140	841

**using an estimated population for 2015 of 4,291,534 as denominator.*

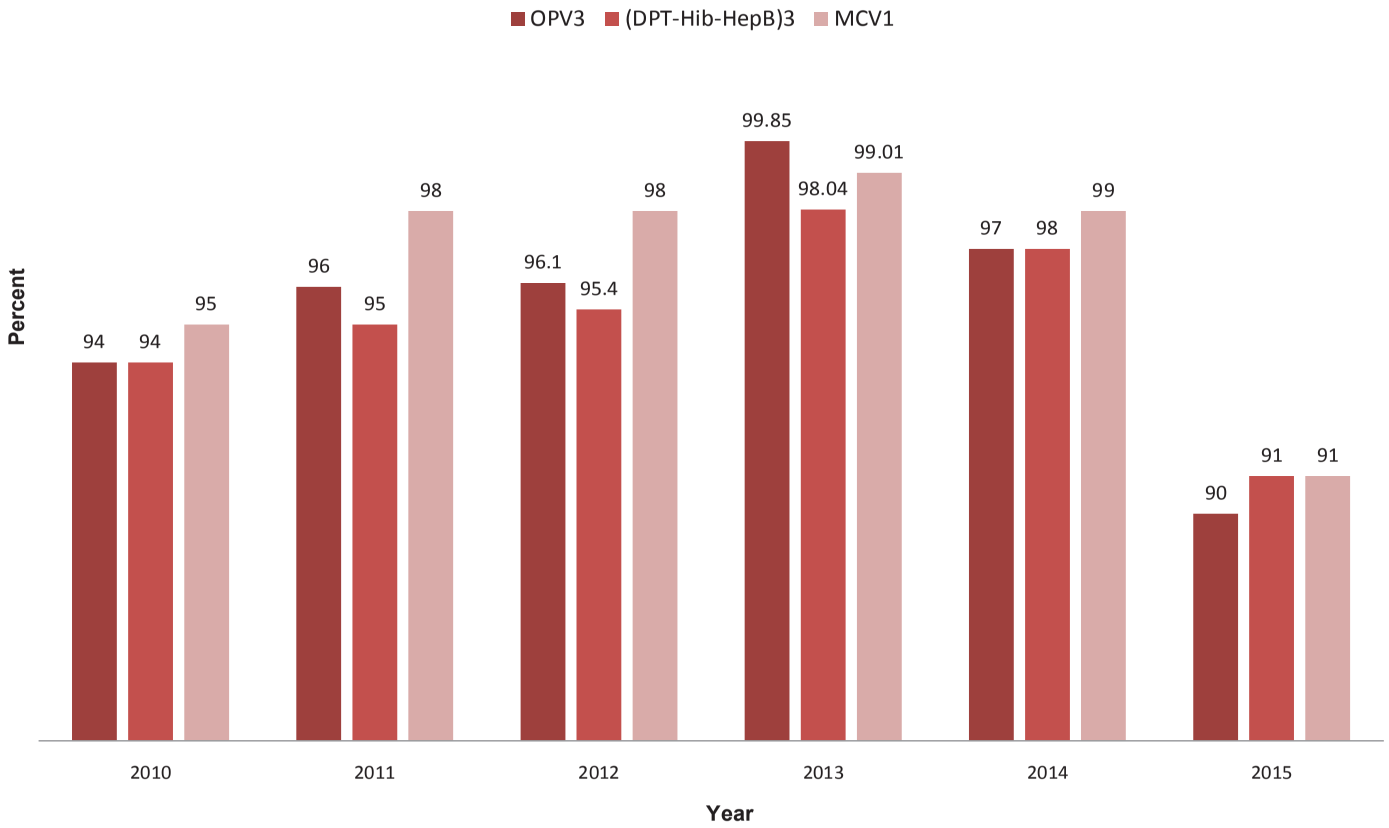
Source: National AIDS Program (NAP), MOPH

Graph D.6: The trend in incident cases of HIV/AIDS between 2010 and 2015



Source: National AIDS Program (NAP), MOPH.

Graph E.1: National immunization coverage rates by polio, measles and pentavalent vaccines, 2010-2015



Source: EPI program, Department of Primary Health Care, MOPH.

Table F.1: Cases of notifiable diseases reported to the MOPH epidemiological surveillance unit by month, 2015

	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Vaccine Preventable Diseases													
Acute Flaccid Paralysis	**76**	6	3	13	8	12	19	9	5	0	0	1	0
Acute Poliomyelitis	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Diphtheria	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Measles	**39**	1	4	5	7	2	5	4	1	2	1	4	3
Mumps	**1,496**	222	121	246	202	187	193	120	55	31	16	52	51
Pertussis	**57**	4	2	5	4	7	5	10	0	9	1	5	5
Rabies	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Rubella	**10**	1	1	2	1	0	2	1	1	0	0	1	0
Tetanus	**3**	0	0	0	0	2	0	0	0	0	1	0	0
Tetanus neonatal	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Viral Hepatitis B	**390**	23	41	24	37	23	52	32	48	40	25	25	20
Food & Water Borne Diseases													
Brucellosis	**389**	11	15	18	21	46	48	77	65	32	21	24	11
Cholera	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Dysentery	**166**	15	17	16	14	15	23	30	31	5	0	0	0
Food Poisoning	**600**	34	17	35	15	98	85	145	53	43	35	30	10
Hydatic Cyst	**14**	2	3	3	1	2	2	1	0	0	0	0	0
Parasitic Worms	**8**	0	2	2	1	1	2	0	0	0	0	0	0
Trichinosis	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	**576**	38	26	42	36	40	50	64	50	61	86	47	36
Viral Hepatitis A	**985**	198	134	104	65	47	73	67	75	70	55	56	41
Other Diseases													
Bilharziasis	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Creutzfeld Jakob Disease	**1**	0	0	0	0	0	1	0	0	0	0	0	0
Ebola	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Gonorrhea	**4**	0	0	0	1	1	1	0	1	0	0	0	0
Leishmaniasis	**69**	4	4	12	6	0	5	1	0	3	3	21	10
Leprosy	**3**	0	0	0	2	0	0	0	0	0	0	0	1
Malaria	**38**	3	3	5	2	8	2	13	2	0	0	0	0
Meningitis	**351**	31	29	33	29	36	44	27	34	21	16	28	23
Plague	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis	**28**	3	1	11	1	3	2	1	3	0	0	2	1
Typhus	**8**	1	0	0	0	3	0	1	3	0	0	0	0
Viral Hepatitis C	**136**	15	12	11	12	11	22	18	6	8	11	2	8
Yellow Fever	**0**	0	0	0	0	0	0	0	0	0	0	0	0

Source: Epidemiological Surveillance Unit, MOPH.

Table F.2: Cases of notifiable diseases reported to the MOPH epidemiological surveillance unit by age groups and gender, 2015

	Total	0-4 years	5-9 years	10-19 years	20-39 years	40-59 years	60+ years	Unknown age	Male	Female	Sex unknown
Vaccine Preventable Diseases											
Acute Flaccid Paralysis	**76**	38	29	9	0	0	0	0	48	28	0
Acute Poliomyelitis	**0**	0	0	0	0	0	0	0	0	0	0
Diphtheria	**0**	0	0	0	0	0	0	0	0	0	0
Measles	**39**	27	6	4	2	0	0	0	21	18	0
Mumps	**1,496**	195	391	601	248	20	3	38	960	534	2
Pertussis	**57**	51	4	1	0	0	0	1	29	28	0
Rabies	**0**	0	0	0	0	0	0	0	0	0	0
Rubella	**10**	4	2	1	3	0	0	0	4	6	0
Tetanus	**3**	0	1	0	1	0	1	0	1	2	0
Tetanus neonatal	**0**	0	0	0	0	0	0	0	0	0	0
Viral Hepatitis B	**390**	3	2	6	200	118	31	30	271	115	4
Food & Water Borne Diseases											
Brucellosis	**389**	13	30	62	123	73	52	36	194	194	1
Cholera	**0**	0	0	0	0	0	0	0	0	0	0
Dysentery	**166**	47	22	27	27	18	22	3	80	86	0
Food Poisoning	**600**	64	52	93	112	57	33	189	321	277	2
Hydatic Cyst	**14**	0	0	1	7	4	2	0	4	10	0
Parasitic Worms	**8**	0	0	1	4	1	2	0	5	2	1
Trichinosis	**0**	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	**576**	128	60	95	120	67	86	20	281	293	2
Viral Hepatitis A	**985**	111	197	341	254	23	8	51	589	396	0
Other Diseases											
Bilharziasis	**0**	0	0	0	0	0	0	0	0	0	0
Creutzfeld Jakob Disease	**1**	0	0	0	0	0	1	0	0	1	0
Ebola	**0**	0	0	0	0	0	0	0	0	0	0
Gonorrhea	**4**	0	0	0	4	0	0	0	4	0	0
Leishmaniasis	**69**	21	19	8	13	5	2	1	34	35	0
Leprosy	**3**	0	0	0	1	0	1	1	1	2	0
Malaria	**38**	1	1	5	16	12	0	3	30	8	0
Meningitis	**351**	163	41	58	38	32	17	2	222	129	0
Plague	**0**	0	0	0	0	0	0	0	0	0	0
Syphilis	**28**	0	0	1	19	2	0	6	15	13	0
Typhus	**8**	3	0	0	3	1	1	0	5	3	0
Viral Hepatitis C	**136**	1	1	3	47	43	31	10	108	27	1
Yellow Fever	**0**	0	0	0	0	0	0	0	0	0	0

Source: Epidemiological Surveillance Unit, MOPH.

Table F.3: Cases of notifiable diseases reported to the MOPH epidemiological surveillance unit by Mohafaza, 2015

	Total	North	Beqaa	Nabatiyeh	South	Mount-Lebanon	Beirut	Unknown
Vaccine Preventable Diseases								
Acute Flaccid Paralysis	**76**	18	10	13	8	24	2	1
Acute Poliomyelitis	**0**	0	0	0	0	0	0	0
Diphtheria	**0**	0	0	0	0	0	0	0
Measles	**39**	3	15	4	5	8	4	0
Mumps	**1,496**	295	749	74	205	109	27	37
Pertussis	**57**	2	27	3	4	19	0	2
Rabies	**0**	0	0	0	0	0	0	0
Rubella	**10**	0	5	1	2	2	0	0
Tetanus	**3**	1	1	0	1	0	0	0
Tetanus neonatal	**0**	0	0	0	0	0	0	0
Viral Hepatitis B	**390**	9	31	29	80	99	29	113
Food & Water Borne Diseases								
Brucellosis	**389**	15	293	11	24	19	3	24
Cholera	**0**	0	0	0	0	0	0	0
Dysentery	**166**	8	54	1	1	88	6	8
Food Poisoning	**600**	137	96	23	45	171	27	101
Hydatic Cyst	**14**	1	7	0	3	1	1	1
Parasitic Worms	**8**	0	0	0	0	1	7	0
Trichinosis	**0**	0	0	0	0	0	0	0
Typhoid Fever	**576**	62	186	54	46	150	43	35
Viral Hepatitis A	**985**	176	461	57	75	139	23	54
Other Diseases								
Bilharziasis	**0**	0	0	0	0	0	0	0
Creutzfeld Jakob Disease	**1**	0	0	0	0	0	0	1
Ebola	**0**	0	0	0	0	0	0	0
Gonorrhea	**4**	0	0	0	0	0	2	2
Leishmaniasis	**69**	0	42	0	17	1	0	9
Leprosy	**3**	0	0	0	0	1	0	2
Malaria	**38**	2	2	4	16	7	6	1
Meningitis	**351**	53	65	21	39	138	22	13
Plague	**0**	0	0	0	0	0	0	0
Syphilis	**28**	1	0	1	4	5	2	15
Typhus	**8**	0	0	1	0	5	0	2
Viral Hepatitis C	**136**	5	5	5	24	35	14	48
Yellow Fever	**0**	0	0	0	0	0	0	0

Source: Epidemiological Surveillance Unit, MOPH.

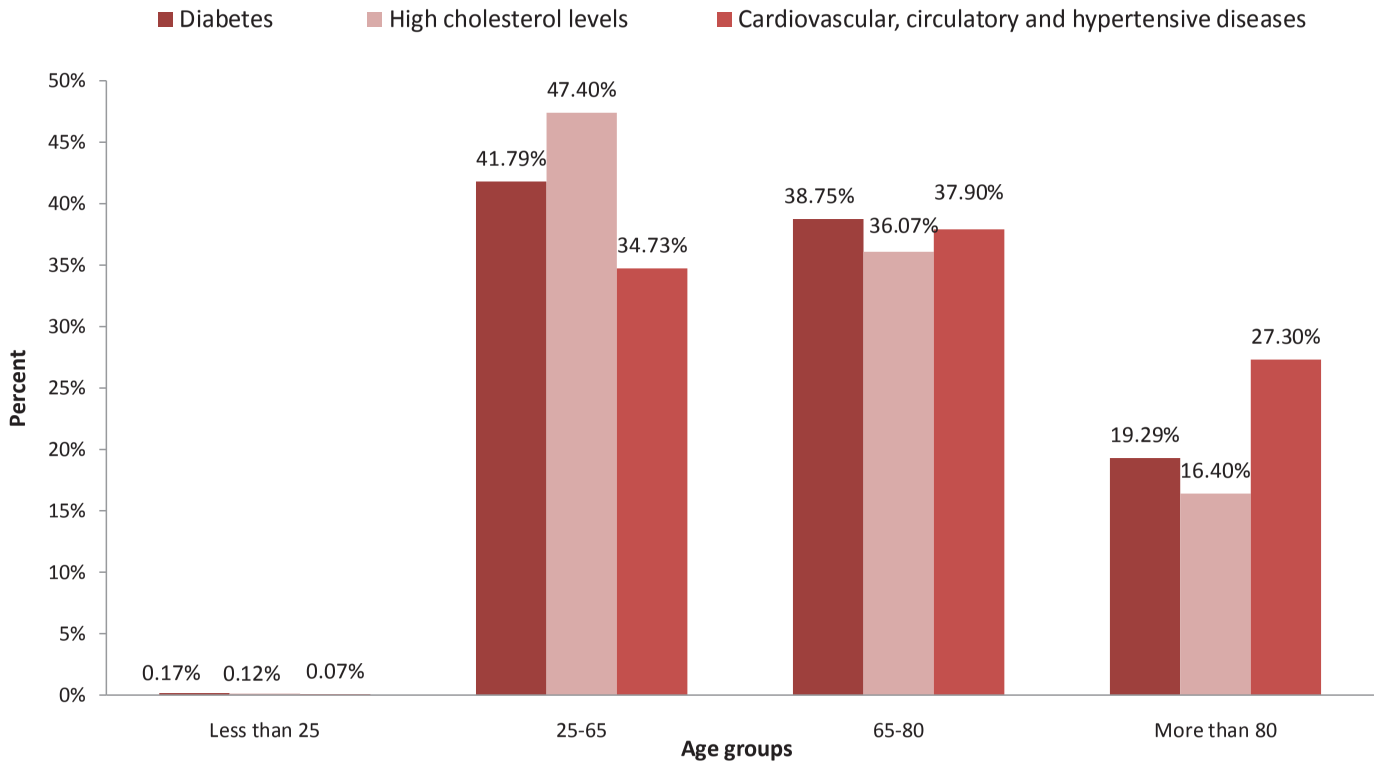
Table G.1: Maternal Neonatal Mortality Notification System (MNMNS) statistics by Qada and nationality, 2015

Qada	Deliveries		Vaginal Deliveries		Ceasarian Sections		Newborns		Live Births		Live Births less than 2.5 kg		Live Births between 2.5 - 4kg		Live Births more than 4kg		Birth Defects		StillBirths		Abortions & IUFD	Neonatal Deaths		Maternal Deaths	
L/NL	L	NL	L	NL	L	NL	L	NL	L	NL	L	NL	L	NL	L	NL	L	NL	L	NL	Total	L	NL	L	NL
Aakkar	5,986	2,614	4,202	1,936	1,784	678	6,037	2,663	5,936	2,605	333	245	5,378	2,293	225	67	63	29	11	5	741	25	15	1	0
Minieh-Danniyeh	728	881	560	639	168	242	739	879	727	872	65	66	644	772	18	34	7	3	0	0	150	4	0	0	1
Tripoli	8,541	4,758	4,700	3,730	3,841	1,028	8,630	4,827	8,531	4,799	534	472	7,745	4,258	252	69	71	10	19	5	1,297	36	2	3	0
Zgharta	2,020	121	824	57	1,196	64	2,063	129	2,037	125	251	27	1,745	95	41	3	16	3	4	0	207	8	0	1	0
Koura	2,040	60	1,045	36	995	24	2,123	49	2,101	49	204	3	1,839	43	58	3	2	0	3	0	201	1	0	0	0
Bcharreh	24	27	14	19	10	8	24	28	23	27	0	0	23	27	0	0	0	0	1	1	2	0	0	0	0
Batroun	174	75	49	68	125	7	179	73	176	68	14	5	162	63	0	0	0	0	2	1	5	0	0	0	0
Hermel	1,169	637	208	319	961	318	1,176	645	1,167	635	48	42	1,098	582	21	11	0	0	5	10	217	0	0	0	0
Baalbek	3,025	1,614	772	937	2,253	677	3,074	1,627	3,045	1,613	269	123	2,707	1,476	69	14	15	4	6	4	619	32	15	0	0
Zahleh	6,176	3,186	2,137	2,074	4,039	1,112	6,270	3,249	6,199	3,163	463	374	5,609	2,737	127	52	21	36	10	8	1,004	21	16	1	1
Rachaiya	320	200	161	122	159	78	357	166	351	162	16	14	319	143	16	5	0	1	2	1	107	0	0	0	0
West Beqaa	421	2,381	207	1,433	214	948	422	2,415	418	2,350	20	168	387	2,147	11	35	0	0	0	0	219	0	0	0	0
Nabatiyeh	3,216	1,120	1,205	724	2,011	396	3,282	1,128	3,244	1,112	306	99	2,848	993	90	20	9	5	9	2	339	6	4	0	0
Hasbaiya	189	97	52	60	137	37	190	99	190	97	7	12	179	84	4	1	0	3	0	0	71	2	1	0	0
Marjaayoun	573	337	265	210	308	127	563	352	555	351	18	13	523	333	14	5	3	0	4	1	91	0	1	0	0
Bent Jbayl	753	338	421	260	332	78	766	336	755	332	40	18	673	294	42	20	4	0	1	1	132	1	0	0	0
Saida	4,954	5,540	2,235	3,129	2,719	2,411	5,068	5,742	5,020	5,665	549	768	4,334	4,804	137	93	13	46	12	26	1,033	35	82	0	2
Sour	3,544	1,681	1,684	971	1,860	710	3,658	1,687	3,635	1,650	305	183	3,120	1,436	210	31	16	8	8	12	843	20	17	0	0
Jbayl	1,453	108	640	100	813	8	1,511	98	1,501	98	150	18	1,318	80	33	0	17	1	3	0	156	3	0	0	0
Keserwan	1,094	1,071	434	640	660	431	1,121	1,079	1,113	1,063	107	85	979	961	27	17	3	2	1	3	211	4	0	0	0
Matn	4,915	1,512	1,855	805	3,060	707	5,172	1,444	5,146	1,432	545	94	4,479	1,307	122	31	15	3	2	2	526	6	5	2	0
Baabda	10,006	4,481	4,676	2,739	5,330	1,742	10,212	4,584	10,123	4,470	793	370	9,064	3,991	266	109	97	71	12	7	1,807	55	41	1	1
Aaley	293	711	132	540	161	171	298	709	292	697	3	15	279	660	10	22	1	0	2	4	91	1	1	0	0
Chouf	1,257	2,340	604	1,758	653	582	1,232	2,397	1,212	2,341	94	218	1,098	2,059	20	64	1	9	2	3	396	4	30	0	0
Beirut	7,443	3,520	3,694	2,417	3,749	1,103	7,901	3,396	7,813	3,330	854	303	6,734	2,947	225	80	104	24	10	17	1,084	41	2	1	0
Grand Total	**70,314**	**39,410**	**32,776**	**25,723**	**37,538**	**13,687**	**72,068**	**39,801**	**71,310**	**39,106**	**5,988**	**3,735**	**63,284**	**34,585**	**2,038**	**786**	**478**	**258**	**129**	**113**	**11,549**	**305**	**232**	**10**	**5**

L= Lebanese; NL=Non-Lebanese

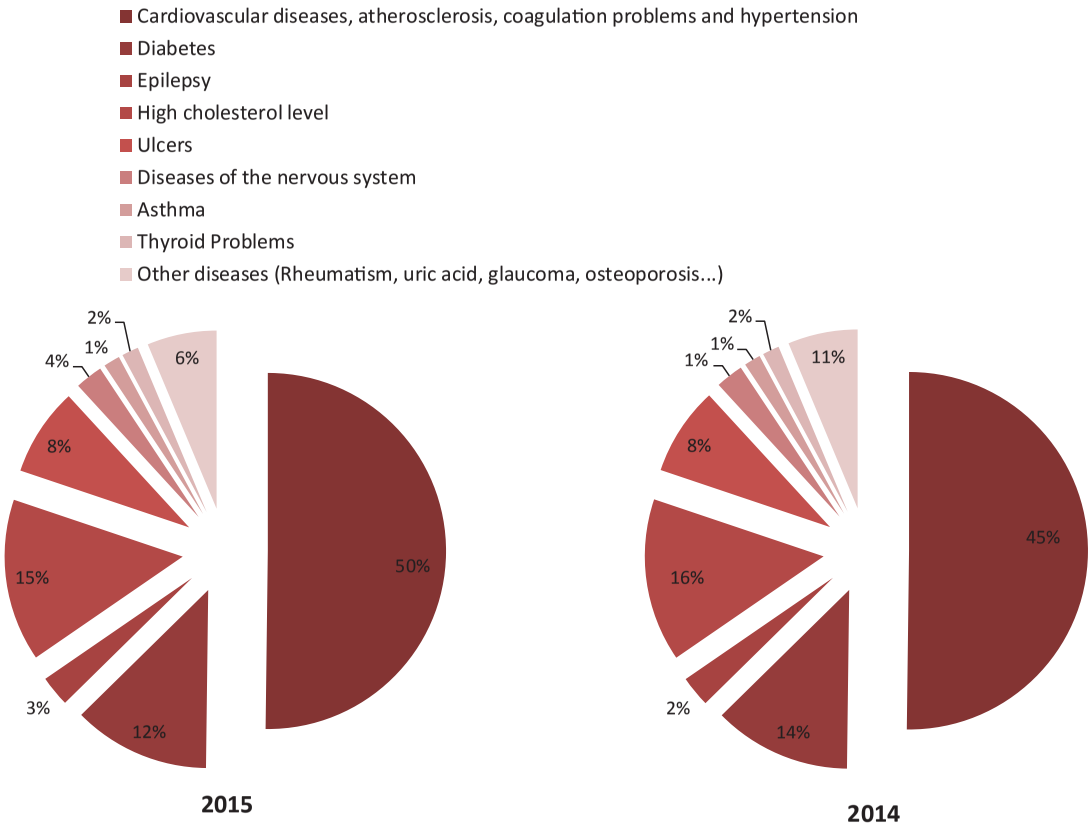
Source: Maternal Neonatal Mortality Notification System (MNMNS), MOPH.

Graph H.1: Proportion of beneficiaries from the MOPH chronic drugs' program by age group and medical condition, 2015



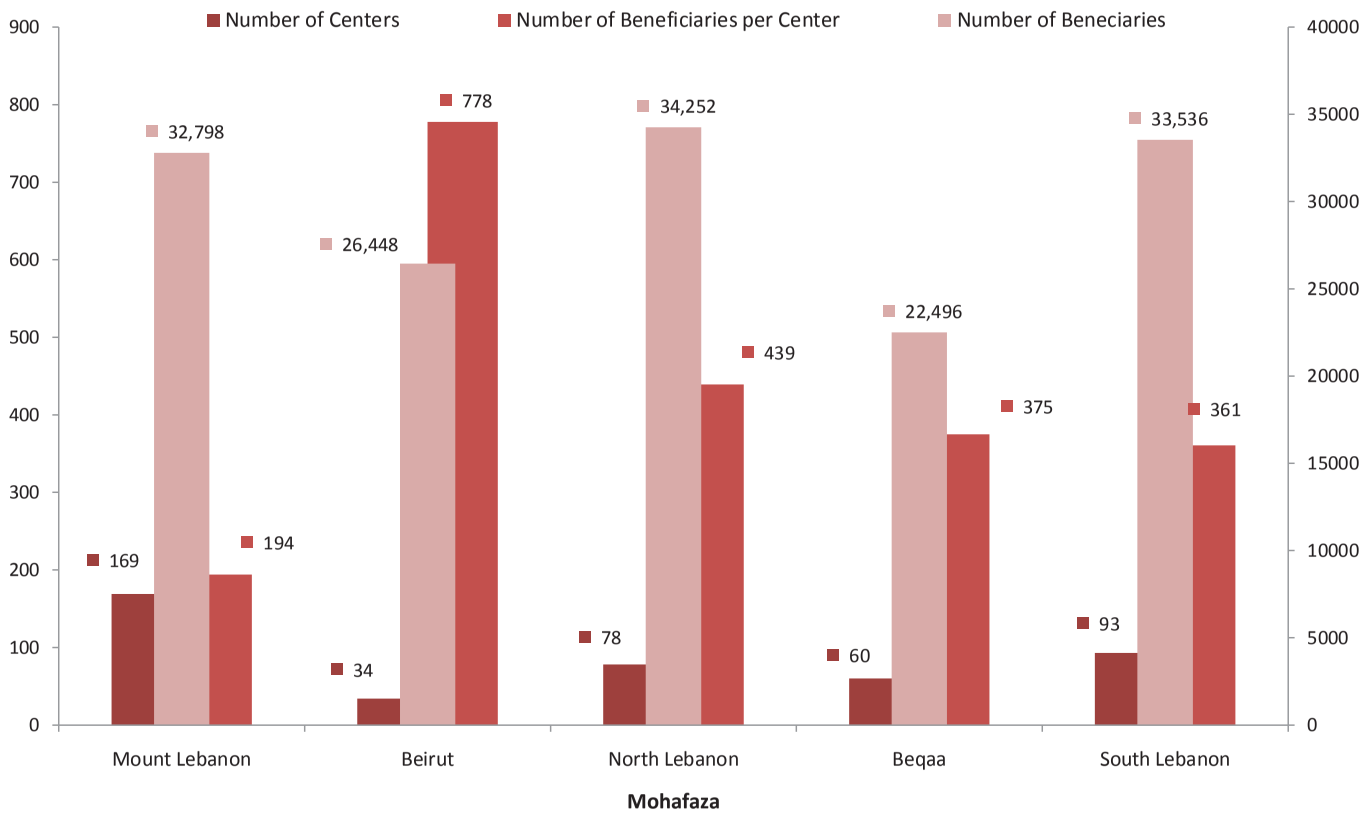
Source: Chronic drugs program, MOPH, YMCA

Graph H.2: Distribution of chronic conditions among users of chronic drugs, 2014 and 2015



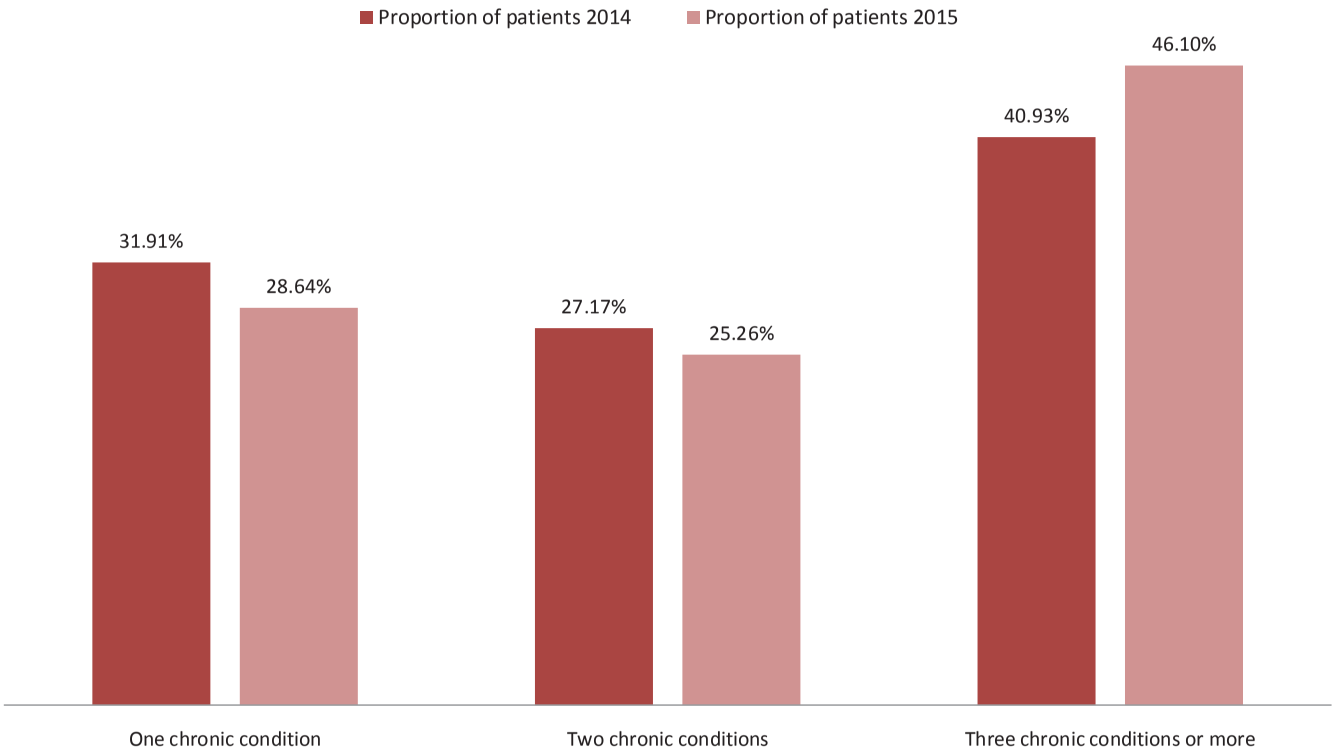
Source: Chronic drugs program, MOPH, YMCA

Graph H.3: Socio-medical centers and beneficiaries per center by Mohafaza, 2015



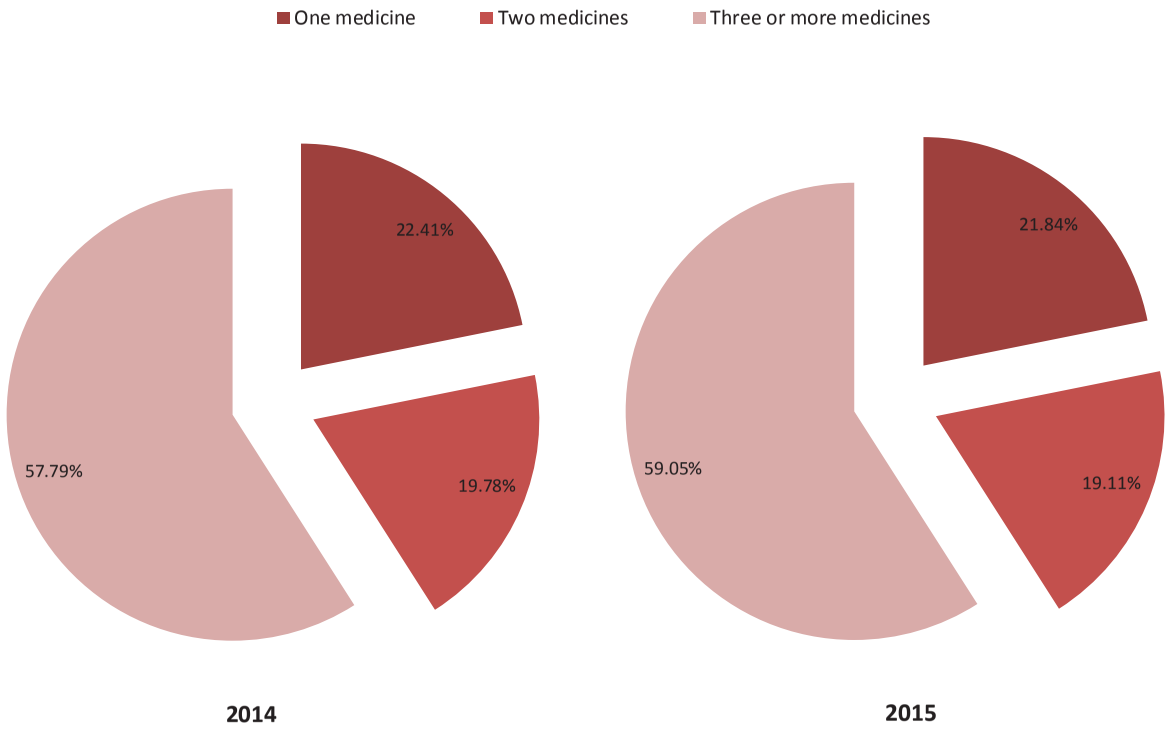
Source: Chronic drugs program, MOPH, YMCA

Graph H.4: Proportion of patients suffering from chronic conditions, 2014 and 2015



Source: Chronic drugs program, MOPH, YMCA

Graph H.5: Proportion of patients taking medications, 2014 and 2015



Source: Chronic drugs program, MOPH, YMCA

Table I.1: National health accounts of Lebanon, 2012-Summary table

Amounts in 000 LL

FINANCING INTERMEDIARIES	FUNDING SOURCES					EXPENDITURES
	Households		Employer	Treasury	Extra budgetary	
	Fees for Services (out of pocket)	Contributions/ Premiums	Contributio		Donations / Loans	
Ministry of Public Health				647,220,844		647,220,844
National Social Security Fund		120,608,667	422,130,333	145,005,250		687,744,250
Civil Servants Cooperative		33,110,290		250,000,000		283,110,290
Army				240,985,225		240,985,225
Internal Security Forces				97,870,001		97,870,001
State Security Forces				9,494,444		9,494,444
Customs				7,346,716		7,346,716
General Security Forces				18,445,265		18,445,265
Private Insurance		446,992,958	292,391,892			739,384,850
Mutual Funds		128,011,108		31,000,000		159,011,108
International Organizations					21,793,445	21,793,445
Households	1,735,230,986					1,735,230,986
TOTAL	**1,735,230,986**	**728,723,023**	**714,522,225**	**1,447,367,745**	**21,793,445**	**4,647,637,424**
%Total Health Expenditure	**37.34**	**15.68**	**15.37**	**31.14**	**0.47**	**100**

GDP (2012 preliminary figures, MOF)		**64,800,000,000**
THE % GDP 2012		**7.17**
Public (%)		**31.14**
Private (%)		**68.39**
Households (Out Of Pocket and contributions)	*53.02*	
OOP	*37.34*	
Contributions	*15.68*	
Employers (contributions)	*15.37*	
Donors (%)		**0.47**

*** USD exchange rate= 1507.5 LBP**

Source: National Health Accounts (NHA 2012), MOPH.

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- Department of Projects & Programs.
- Epidemiological Surveillance Unit.
- Medical Professions Section.
- District Health Departments.
- Drug Dispensing Center (DDC).
- Expanded Program on Immunization.
- National AIDS Control Program.
- National E-Health Program.
- National Tuberculosis Control Program.
- YMCA

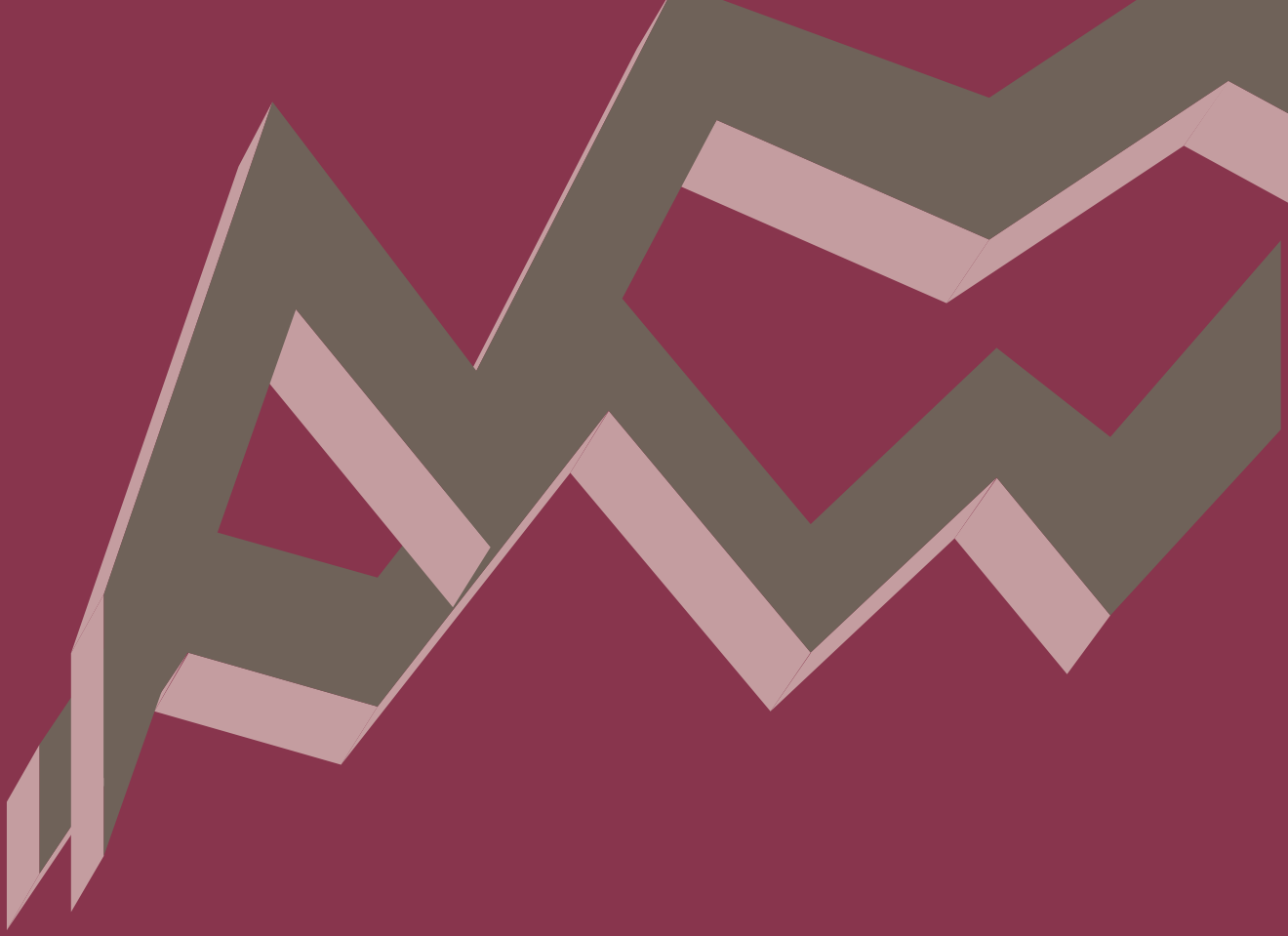
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Head of Statistics Department

Hilda Harb



الجمهورية اللبنانية
وزارة الصحة العامة

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