الجمهورية اللبنانية
وزارة الصحة العامة

النشرة الاحصائية

Statistical Bulletin

2017





تم طباعة هذه النشرة بدعم من منظمة الصحة العالمية.
This bulletin has been printed with the support of the World Health Organization.

REPUBLIC OF LEBANON
MINISTRY OF PUBLIC HEALTH

الجمهورية اللبنانية
وزارة الصحة العامة

مقدمة

تصدر النشرة الإحصائية عن وزارة الصحة العامة كلّ عام منذ 2006 لتقدم خلاصة الأعمال الإحصائية لمعظم دوائر الوزارة وتشكل مثلاً حياً على اهمية الشراكة في القطاع الصحي. تندرج هذه النشرة ضمن جهود وزارة الصحة الرامية لتحقيق الشفافية في القطاع الصحي، لا سيما اشراك المواطن بالقرار وتأمين حقه بالاطلاع على تطورات القطاع وتعكس آخر المعطيات الإحصائية والوبائية المتوفرة والتي تبنى عليها معظم القرارات المتعلقة بتقديم وتوزيع الخدمات على المستفيدين.

لقد قدمت دائرة الإحصاءات في العام 2017 خطة استراتيجية تهدف إلى تطوير عملها في سياق تطور مسؤولياتها بالرغم من النقص الحاد في عدد العاملين لديها. وتعمد دائرة الإحصاءات الى تطوير عملها عبر ابتكار جديد في طريقة العمل يقوم على الشراكة بحيث تعمد الى الحصول على المعلومات عبر الإعتماد على نقاط اتصال في المراكز المنتجة للمعلومات، داخل وخارج الوزارة، وتدريبهم، الى جانب استحداث تكنولوجيا لإرسال ومعالجة ونشر المعلومات، مما يشكل تعويضاً للنقص بالموظفين وخطوة ثابتة نحو الحكومة الإلكترونية.

الى جانب جمع المعلومات داخل الإدارة المركزية، تتلقى الآن دائرة الإحصاءات معلومات من الأقضية كافة فيما يتعلق بالولادات والوفيات وذلك ضمن التعاون القائم مع وزارة الداخلية والبلديات عبر نظام ممكن وبحيث يتم تلقي المعلومات فور ادخالها في مراكز الأقضية.

إضافةً الى المعلومات التي تنشر في كل سنة، تتضمن النشرة هذا العام معلومات جديدة مثل اسباب الوفيات، مؤشرات أهداف التنمية المستدامة (SDG) في ارقامها الأولى، والحسابات الوطنية للصحة.

فعلى صعيد تطوير عملها من حيث الإحصاءات الحيوية داخل المستشفيات، تم استحداث نظام متطور للإبلاغ عن أسباب الوفيات في المستشفيات بالتعاون مع منظمة الصحة العالمية ونقابة المستشفيات. يتم جمع المعلومات على نموذج ممكنن مقتطف من النموذج الرسمي المعتمد لوثيقة الوفاة، ويتم التبليغ المجهول عن كل وفاة تحدث داخل المستشفى، اوتصل الى المستشفى، مع ذكر سبب الوفاة وترميزه بحسب التصنيف الدولي للأمراض في نسخته العاشرة (ICD10). ولقد تم تعيين نقاط اتصال وتدريبهم على النظام الممكنن في أكثر من 150 مستشفى حكومي وخاص عاملة على الأراضي اللبنانية كافة. اذا تحققنا من الهدف 17 من اهداف التنمية المستدامة، وتحديداً الفقرة المتعلقة بنسبة تسجيل الوفيات لتكون 80% بحلول العام 2030، نرى أننا حققنا هذا الهدف منذ الآن. ففي العام 2017، شكّل عدد الوفيات الحاصلة في المستشفيات، والموثقة بأسباب وفاة طبية، 84% من مجمل وقوعات وفيات اللبنانيين المقيمين المسجلة في وزارة الداخلية والبلديات. وسيتم تطوير هذا النظام دورياً عبر تدريب الأطباء ونقاط الإتصال في المستشفيات كما العمل على تحسين نوعية المعلومات ورفع نسبة الإبلاغ.

اما على صعيد الحسابات الصحية، فيتم تضمين هذه النشرة النسخة الجديدة للحسابات الصحية الوطنية للعام 2015 مبنية على النظام الجديد للحسابات الصحية (SHA2011). أظهرت هذه الحسابات ان كلفة الصحة السنوية للفرد في لبنان تقدّر حالياً ب 863 دولاراً وإجمالي الإنفاق على الصحة يشكل 7.4% من الناتج القومي المحلي منها 32.7% انفاق مباشر من جيب المواطن، بعد ان انخفضت تلك النسبة من 37.4% في العام 2012.

بالنسبة لأهداف التنمية المستدامة، لقد تم احتساب المؤشرات المتعلقة بالصحة والمتوفرة على الصعيد الوطني، وبعض الفئات المقيمة بحسب توفر المعلومات. فمثلاً، في حال كان المؤشر يحتاج لعدد النازحين السوريين ليحتسب، لم نستطع احتسابه بسبب غياب الأرقام الرسمية الدقيقة لتلك الفئة.

من ناحية أخرى، وكمظهر آخر للشراكة بين القطاع العام والمنظمات الدولية والحقل الأكاديمي، تقوم دائرة الإحصاءات بالتعاون مع كلية العلوم الصحية في الجامعة الأميركية في بيروت، وبتمويل من البنك الدولي، بتنظيم دورات تدريبية لتطوير قدرات العاملين في الدائرة إلى جانب موظفين آخرين في الوزارة وفي القطاع العام لاسيما المؤسسات الضامنة الرسمية والإحصاء المركزي حول كيفية استخراج ومعالجة المعلومات الصحية إلى جانب مواضيع أخرى ذات اهمية لرسم السياسات الصحية . إن من أهم ما تفضي اليه تلك الدورات هو المساهمة في بناء ثقافة معلومات وإظهار اهمية دور التعاون في انتاج الإحصاءات.

وبالنظر الى تطور تقديمات وبرامج وزارة الصحة مؤخرا" بشكل مطّرد، أصبح من الضروري مواكبة تلك التطورات عبر استحداث برنامج للمعلومات الصحية يستطيع استخراج المؤشرات بشكل أكثر دقة. بناء عليه، تعمل الدائرة حاليا، بالتعاون مع دائرة المعلوماتية وذوي الإختصاص، وبتمويل من البنك الدولي، على بناء نظام متطور لإستخراج البيانات الإحصائية ونشرها. يسعى هذا النظام إلى ربط قواعد بيانات الكترونية موجودة في الوزارة لإستخراج لائحة من المؤشرات الصحية، ومن ضمنها ما يدرج في هذه النشرة، حيث يصار إلى تحديثها دورياً وبصورة الكترونية، وبذلك تكون الوزارة قد طورت خدمة جديدة نحو البيانات الممكننة المتوفرة للمواطنين، وبشكل خاص للأكاديميين والباحثين الصحيين كشركاء أساسيين في صنع القرار، والذين تندرج أولى اهتماماتهم بالبيانات الإحصائية.

نذكر بأن هذه النشرة، بالإضافة الى إحصاءات أخرى متفرقة، تعرض أيضا"على موقع وزارة الصحة الإلكتروني www.moph.gov.lb، كما نشجع الجميع على زيارة هذا الموقع دوريا" لأهمية المواضيع المنشورة عليه وتعددها، ولمساهمته الكبيرة في تعميم المعرفة الصحية وتعزيز الشفافية والشراكة.

رئيسة دائرة الإحصاءات الصحية والحيوية

هيلدا حرب

Table of Contents

	Page
Table of contents	
A-Summary Tables	
Table A.1: Selected indicators of Lebanon, 2015- 2017	**3**
Table A.2: MOPH Itemized budget for the last three years ('000 LBP)	**4**
Graph A.1: Available health and health related Sustainable Development Goals(SDG)at the national level, 2017	**5**
B-Population and Vital Statistics	
Table B.1: Number of registered Lebanese births by month, Qada and gender, 2017	**7**
Table B.2: Number of registered Lebanese deaths by month, Qada and gender, 2017	**8**
Table B.3: Resident population* distribution by age group and gender, 2017	**9**
Table B.4: Resident population* distribution by age group and Qada, 2017	**10**
Table B.5: Resident population* distribution by Mohafaza and Qada, 2010-2017	**11**
Table B.6: Resident population* distribution by age group, Qada and some basic indicators, 2017	**12**
Table B.7: Proportion of reported hospital deaths by age group and gender in Lebanon, 2017	**13**
Table B.8: Top 10 leading causes of reported hospital deaths* by ICD10 4-character code and gender, 2017	**14**
Graph B.1: Plot of the number of the reported deaths by size*of hospital, 2017	**15**
C-MOPH Services Utilization Data	
Graph C.1: Hospitals contracting with MOPH by Mohafaza and type, 2017	**17**
Graph C.2: MOPH subsidized admissions by Mohafaza and type of hospital, 2017	**18**
Graph C.3: MOPH subsidized in-patients by Qada and type of hospital, 2017	**19**
Graph C.4: MOPH subsidized in-patients by Qada of hospital and Qada of origin, 2017	**20**
Graph C.5: The evolution of MOPH subsidized admissions in public and private hospitals between 2007 and 2017	**21**
Graph C.6: MOPH subsidized hospital cases* by ICD10 category of diagnosis, 2017 (N=322,748)	**22**
Graph C.7: MOPH subsidized hospital cases* by ICD10 category of diagnosis and gender, 2017 (N =322,748)	**23**
Table C.1: MOPH subsidized hospital cases* by category of diagnosis and gender, 2017	**24**
Graph C.8: Percent expenditure on drugs by the MOPH by major disease categories, 2017	**31**
D-Epidemiology	
Graph D.1: MOPH subsidized hospitalized* neoplasms cases** by gender and age group, 2017	**33**
Graph D.2: MOPH subsidized hospitalized* cardiovascular cases** by gender and age group, 2017	**34**
Graph D.3: MOPH subsidized hospitalized* diabetes mellitus cases** by gender and age group, 2017	**35**
Graph D.4: The trend in tuberculosis cases by nationality between 2012 and 2017	**36**
Table D.1: HIV/AIDS estimated incidence in Lebanon, 2017	**37**
Graph D.5: The trend in incident cases of HIV/AIDS between 2012 and 2017	**38**
Graph D.6: Reported cases of malaria by gender, 2017	**39**
Graph D.7: Confirmed malaria cases by Mohafaza, 2017	**39**
Graph D.8: Reported cases of malaria by age group, 2017	**39**
Graph D.9: Hip fracture cases* and incidence rate among MOPH eligible population by gender, 2011-2017	**40**
E-Vaccination and Campaigns	
Graph E.1: National immunization coverage rates by polio, measles and pentavalent vaccines, 2012-2017	**42**

Table of Contents

F-Diseases' Surveillance Data	
Table F.1: Cases of notifiable diseases reported to the MOPH epidemiological surveillance unit by month, 2017	**44**
Table F.2: Cases of notifiable diseases reported to the MOPH epidemiological surveillance unit by age groups and gender, 2017	**45**
Table F.3: Cases of notifiable diseases reported to the MOPH epidemiological surveillance unit by Mohafaza, 2017	**46**
G-Vital Data Observatory "VDO" (previously known as "MNMNS")	
Table G.1: Vital Data Observatory (VDO) statistics by Qada and nationality, 2017	**48**
H-Medication for Chronic Illnesses Program: the YMCA Records	
Graph H.1: Socio-medical centers and beneficiaries per center by Mohafaza, latest figures, 2016	**50**
I-National Health Accounts	
Table I.1: National health accounts of Lebanon, 2015-Summary table	**52**
Table I.2: National health accounts of Lebanon, 2015-Financing agents to providers	**53**
Table I.3: National health accounts of Lebanon, 2015-Financing agents to functions	**54**
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.

For comments and suggestions,
kindly contact:

Hilda Harb, MPH
Head of Statistics Department
Ministry of Public Health

Beirut, Lebanon
Tel/Fax: 00961-1-843 745
E-mail: statistics@moph.gov.lb
Website: www.moph.gov.lb

Table A.1: Selected indicators of Lebanon, 2015- 2017

	Unit	2015	2016	2017
Health Determinants and Risks				
Demographic and socioeconomic determinants				
Population Estimate*	1000 citizens	4,292	4,356	4,421
Number of registered births		85,453	88,996	90,647
Number of registered deaths		25,275	24,617	25,847
Crude Birth Rate	per 1000 population	19.9	20.4	20.5
Crude Death Rate	per 1000 population	5.9	5.7	5.9
Population Growth Rate		1.4	1.5	1.5
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	8.8	9.4	9.5
Caesarian delivery rate (%)	percent	46.7	47	47
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		6.4	6.7
Less than five Mortality Rate	per 1000 Live Births		8.5	9
Maternal Mortality Ratio	per 100,000 Live Births	13.6	21	16.9
Morbidity				
Measles		39	44	126
Tetanus		3	2	0
Neonatal Tetanus		0	0	1
Acute Flaccid Paralysis		76	123	77
Hepatitis A		985	519	776
Hepatitis B		390	367	321
Hepatitis C		136	116	130
AIDS		22	21	56
Health System Response				
Health Financing				
Total GDP	Billion Leb. Pounds	75,336	77,243	80,491
Allocated to MOPH from Total Gov Budget	percent	2.50	2.64	2.96
Annual Budget of MOPH	Billion Leb. Pounds	516	643	709
Annual Budget of MOPH per capita	$US	77	98	110
Total Health Expenditure (THE) per capita	$US	863		
THE as % GDP	percent	7.41		
Out Of Pocket Expenditure as % THE	percent	32.70		
Health Workforce	**per 10,000 population**			
Physicians		32.0	31.0	31.3
Dentists		12.9	15.1	15.2
Pharmacists		17.7	18.2	18.9
Nursing and Midwifery Personnel		33.4	34.2	36.4
Hospital Beds		33.7	27.3	-
Medicines and Medical devices	**per million population**			
Density of High Tech Equipment				260 (2012)
Service Coverage				
Infants Fully Immunized-DPT	percent immunized	91	90	93.12
Infants Fully Immunized-OPV	percent immunized	90	90.39	93.10
Infants Fully Immunized-Measles	percent immunized	91	90	91
Infants Fully Immunized-Hepatitis B	percent immunized	91	90	93.12
Married Women Using Contraceptives	percent			54 (2009)

Sources of Information

Vital Data Observatory (VDO), MOPH.

Department of Projects & Programs, MOPH.

Department of Vital and Health Statistics, MoPH.

Expanded Program on Immunization, MOPH.

Economic Accounts of Lebanon.

Estimated Population from the 2004 and 2007 Household surveys (CAS) in addition to Registered Births and Deaths at Dept of Statistics.

MICS3,2009. CAS/UNICEF

National Health Accounts, 2015, MOPH.

National AIDS Program (NAP), MOPH.

Syndicate Figures calculated for the given population.

Epidemiological Surveilance Unit, MOPH.

Government Budget أرقام الموازنة العامة

** Excluding Palestenian camps and Syrian refugees.*

Table A.2: MOPH Itemized budget for the last three years ('000 LBP)

	2017	2016	2015	
Hospitalization in Public and Private Hospitals	465,000,000	408,619,512	319,065,040	نفقات استشفاء في المستشفات الحكومية والخاصة
Public Hopsitals	12,000,000	20,000,000	20,000,000	مستشفيات حكومية
Drugs	144,000,000	130,892,800	104,976,000	ادوية
Contributions to NGOs	30,221,701	15,975,035	12,487,816	مساهمات للقطاع غير الحكومي
Salaries and Other Employees' Benefits	27,139,500	28,256,620	27,820,432	ألمخصصات والرواتب والأجور
Other Expenses	28,219,574	28,624,419	21,426,949	نفقات اخرى
Part Two	1,968,750	10,339,900	10,174,000	الجزء الثاني
Total MOPH Budget	708,549,525	642,708,286	515,950,237	مجموع موازنة وزارة الصحة العامة
Total Government Budget	23,906,048,924	24,355,781,060	20,643,785,487	مجموع الموازنة العامة
Government Debt	7,100,000,000	6,687,000,000	6,507,635,947	ديون متوجبة الأداء
Total Government Budget Excluding Debt	16,806,048,924	17,668,781,060	14,136,149,540	مجموع الموازنة العامة بدون الديون المتوجبة
% MOPH Budget out of Total Government Budget (with debt)	2.96	2.64	2.50	نسبة موازنة وزارة الصحة الى الموازنة العامة/مع خدمة الدين
% MOPH Budget out of Total Government Budget (without debt)	4.22	3.64	3.65	نسبة موازنة وزارة الصحة الى الموازنة العامة/ بدون خدمة الدين

Source: Government Budget 2017-MoPH Accounting Department-Ministry of Finance

المصدر: قانون الموازنة العامة 2017-دائرة المحاسبة في وزارة الصحة العامة-وزارة المالية

Graph A.1: Available health and health related Sustainable Development Goals (SDGs) at the national level, 2017



* Indicators 3.1.1, 3.2.2 and 3.5.2 include Non-Lebanese.

B- Population and Vital Statistics

Table B.1: Number of registered Lebanese births by month, Qada and gender, 2017

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	555	557	513	486	584	515	470	483	560	568	413	416	527	522	590	578	789	689	627	580	505	519	438	433	**6,571**	**6,346**	**12,917**
Minieh-Danniyeh	199	194	162	155	314	269	258	249	167	198	170	172	215	193	252	199	146	135	222	239	215	159	193	149	**2,513**	**2,311**	**4,824**
Tripoli	228	235	283	218	232	228	276	215	343	340	235	229	283	293	314	312	172	175	305	238	244	259	250	241	**3,165**	**2,983**	**6,148**
Zgharta	72	51	53	44	53	75	47	64	75	72	82	45	68	62	19	15	49	56	78	75	52	61	57	57	**705**	**677**	**1,382**
Koura	38	36	47	42	49	37	46	37	66	56	42	42	71	47	36	33	36	34	38	35	63	49	31	20	**563**	**468**	**1,031**
Bcharreh	23	16	35	35	42	50	64	64	175	145	43	26	47	45	59	63	30	22	31	22	33	27	22	30	**604**	**545**	**1,149**
Batroun	37	23	47	33	52	48	45	35	43	30	25	44	52	34	53	46	55	37	53	31	27	40	24	22	**513**	**423**	**936**
Hermel	35	46	90	84	113	94	57	61	107	91	82	74	94	75	84	89	76	95	112	117	97	117	76	75	**1,023**	**1,018**	**2,041**
Baalbek	349	412	319	331	366	363	330	368	420	370	415	363	476	462	448	381	343	276	512	419	305	263	332	311	**4,615**	**4,319**	**8,934**
Zahleh	173	177	158	143	158	134	135	117	179	186	161	165	147	122	124	65	127	138	175	164	118	136	127	118	**1,782**	**1,665**	**3,447**
Rachaiya	30	26	33	39	46	46	62	54	64	47	56	43	77	63	75	66	35	23	45	42	43	45	46	36	**612**	**530**	**1,142**
West Beqaa	84	68	70	89	98	106	98	86	126	109	129	129	172	104	144	149	113	81	137	115	114	110	92	76	**1,377**	**1,222**	**2,599**
Nabatiyeh	182	161	148	170	166	169	169	141	173	155	183	183	221	195	199	202	110	113	206	218	176	138	142	134	**2,075**	**1,979**	**4,054**
Hasbaiya	37	48	43	33	50	49	44	34	72	48	44	59	56	65	62	56	36	34	50	41	49	48	30	41	**573**	**556**	**1,129**
Marjaayoun	137	106	116	105	95	99	111	114	142	137	118	117	157	150	143	142	121	122	153	143	136	138	124	124	**1,553**	**1,497**	**3,050**
Bent Jbayl	152	166	133	123	156	146	146	152	199	185	159	161	174	197	234	210	121	152	151	152	195	183	169	142	**1,989**	**1,969**	**3,958**
Saida	162	149	138	112	192	136	149	146	195	215	168	160	188	159	269	224	143	129	159	155	200	187	180	147	**2,143**	**1,919**	**4,062**
Sour	218	195	214	185	195	190	335	265	410	372	280	248	127	114	217	217	161	165	262	232	233	205	223	234	**2,875**	**2,622**	**5,497**
Jezzine	32	35	34	39	44	40	54	52	35	64	47	52	45	38	47	58	22	23	46	38	41	52	46	37	**493**	**528**	**1,021**
Jbayl	58	56	56	59	51	46	53	41	72	50	53	56	66	56	56	87	46	38	83	77	54	39	52	54	**700**	**659**	**1,359**
Keserwan	50	41	48	38	64	50	58	50	70	62	61	66	69	65	94	54	45	49	80	61	52	57	60	39	**751**	**632**	**1,383**
Matn	76	80	53	64	75	87	93	84	107	103	94	70	117	95	116	112	115	95	123	114	79	77	81	92	**1,129**	**1,073**	**2,202**
Baabda	95	89	92	61	115	95	79	68	95	96	77	93	145	110	120	101	104	72	96	82	44	45	83	66	**1,145**	**978**	**2,123**
Aaley	77	83	74	63	80	61	104	106	97	109	86	71	125	113	107	112	85	88	104	100	92	79	67	72	**1,098**	**1,057**	**2,155**
Chouf	144	146	159	133	199	165	156	140	178	150	189	158	221	220	202	203	189	176	202	200	132	110	136	131	**2,107**	**1,932**	**4,039**
Beirut	260	311	254	281	258	296	278	347	274	346	282	305	320	422	383	318	259	322	398	312	648	623	275	293	**3,889**	**4,176**	**8,065**
Total	*3,503*	*3,507*	*3,372*	*3,165*	*3,847*	*3,594*	*3,717*	*3,573*	*4,444*	*4,304*	*3,694*	*3,547*	*4,260*	*4,021*	*4,447*	*4,092*	*3,528*	*3,339*	*4,448*	*4,002*	*3,947*	*3,766*	*3,356*	*3,174*	*46,563*	*44,084*	*90,647*

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, 2017

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	99	89	103	57	103	73	70	55	80	74	68	57	103	79	78	65	87	65	92	54	87	71	73	70	1,043	809	1,852
Minieh-Danniyeh	42	36	28	26	30	32	25	25	35	24	34	17	35	32	27	21	24	17	37	28	33	30	36	37	386	325	711
Tripoli	64	72	164	130	88	59	65	53	84	60	60	39	55	48	51	47	54	31	72	61	43	39	66	55	866	694	1,560
Zgharta	29	28	19	21	19	25	18	28	19	18	23	13	21	19	24	19	19	8	33	22	14	17	20	16	258	234	492
Koura	31	22	29	15	23	21	18	9	22	12	17	8	25	13	21	21	14	11	24	15	14	14	22	14	260	175	435
Bcharreh	13	24	12	13	18	10	15	6	39	34	18	12	17	13	19	11	13	9	17	19	14	13	15	8	210	172	382
Batroun	27	31	29	30	27	24	22	19	26	28	21	14	21	14	21	25	12	14	16	34	21	17	29	13	272	263	535
Hermel	18	15	19	11	18	19	16	5	21	11	16	12	13	14	20	15	15	11	13	10	17	5	20	8	206	136	342
Baalbek	129	81	110	58	102	86	78	65	82	68	62	61	62	48	90	56	66	49	112	73	85	60	85	55	1,063	760	1,823
Zahleh	52	47	63	47	73	54	54	43	73	48	50	40	66	47	52	55	57	31	61	48	39	38	41	38	681	536	1,217
Rachaiya	20	12	11	13	13	9	12	6	19	10	11	12	19	15	12	17	3	2	14	6	14	10	13	6	161	118	279
West Beqaa	29	28	33	25	26	25	36	15	24	19	21	19	36	18	19	20	21	22	25	35	30	11	22	27	322	264	586
Nabatiyeh	67	43	46	39	53	45	46	36	35	34	36	29	38	30	36	37	23	19	50	42	51	26	53	34	534	414	948
Hasbaiya	11	14	16	10	20	15	14	20	17	11	14	5	16	11	12	10	11	7	13	9	21	11	17	14	182	137	319
Marjaayoun	24	13	35	25	44	34	37	23	38	19	31	27	23	36	31	31	33	22	34	22	33	28	31	30	394	310	704
Bent Jbayl	38	37	47	38	48	34	51	34	36	40	34	25	45	32	53	39	34	24	40	24	54	41	41	29	521	397	918
Saida	62	60	35	47	64	50	57	30	45	41	39	34	47	40	49	29	44	29	36	37	55	40	37	42	570	479	1,049
Sour	41	45	54	52	66	52	64	45	64	42	55	45	41	36	39	20	44	31	40	33	45	40	42	52	595	493	1,088
Jezzine	29	18	25	25	32	26	31	18	23	19	21	16	19	19	25	22	14	7	18	23	22	16	29	15	288	224	512
Jbayl	39	40	33	32	37	34	46	24	28	27	30	26	25	24	50	19	24	18	18	40	32	23	32	26	394	333	727
Keserwan	62	37	42	30	54	33	38	26	34	39	32	24	43	26	42	42	30	15	47	46	30	27	41	41	495	386	881
Matn	72	71	50	62	71	59	58	73	66	60	58	37	80	59	66	46	59	38	91	63	57	50	78	47	806	665	1,471
Baabda	94	54	79	56	77	53	62	45	58	42	61	63	52	54	73	45	43	33	47	51	53	39	48	32	747	567	1,314
Aaley	67	72	57	58	54	46	50	44	54	39	34	33	37	38	54	40	36	29	49	37	40	31	42	48	574	515	1,089
Chouf	94	76	78	61	90	69	70	64	72	85	48	59	59	54	72	60	54	48	78	64	63	64	64	61	842	765	1,607
Beirut	193	177	157	151	185	177	146	131	147	137	120	112	143	117	139	123	88	0	130	114	113	116	51	39	1,612	1,394	3,006
Total	1,446	1,242	1,374	1,132	1,435	1,164	1,199	942	1,241	1,041	1,014	839	1,141	936	1,175	935	922	590	1,207	1,010	1,080	877	1,048	857	14,282	11,565	25,847

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, 2017

Age groups	Percent			Population 2017		
	M	F	T	M	F	T
0-4	3.6	3.3	6.9	159,146	145,884	305,029
5-9	4.3	4.1	8.3	187,880	179,039	366,919
10-14	4.9	4.5	9.4	216,615	198,932	415,547
15-19	5.2	4.5	9.8	231,203	199,816	431,020
20-24	5.1	4.7	9.8	225,456	207,774	433,230
25-29	3.9	4.2	8.1	172,408	185,670	358,078
30-34	3.5	3.8	7.4	156,493	168,871	325,364
35-39	3.0	3.7	6.7	132,621	163,566	296,188
40-44	2.7	3.5	6.2	120,685	154,725	275,410
45-49	2.5	3.0	5.6	111,844	132,621	244,465
50-54	2.2	2.5	4.8	98,582	110,518	209,100
55-59	1.8	2.0	3.8	79,573	88,414	167,987
60-64	1.7	2.0	3.7	75,152	88,414	163,566
65-69	1.6	1.7	3.2	70,731	75,152	145,884
70-74	1.4	1.4	2.8	61,890	61,890	123,780
75-79	1.0	0.9	1.9	44,207	39,786	83,994
80-84	0.6	0.6	1.2	26,524	26,524	53,049
85+	0.3	0.2	0.5	13,262	8,841	22,104
Total	*49.4*	*50.6*	*100.0*	*2,184,274*	*2,236,439*	*4,420,713*

**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, 2017

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	7.19	21,928	26,377	29,873	30,985	31,144	25,742	23,390	21,292	19,799	17,574	15,032	12,076	11,759	10,487	8,898	6,038	3,814	1,589	317,798
Minieh-Danniyeh	3.35	10,213	12,285	13,913	14,431	14,505	11,989	10,894	9,917	9,221	8,185	7,001	5,624	5,476	4,884	4,144	2,812	1,776	740	148,010
Tripoli	6.74	20,573	24,747	28,027	29,071	29,220	24,151	21,945	19,977	18,575	16,488	14,103	11,330	11,032	9,839	8,348	5,665	3,578	1,491	298,159
Zgharta	1.50	4,585	5,515	6,246	6,478	6,512	5,382	4,890	4,452	4,140	3,674	3,143	2,525	2,458	2,193	1,860	1,262	797	332	66,445
Koura	1.34	4,094	4,924	5,577	5,785	5,814	4,806	4,367	3,975	3,696	3,281	2,806	2,255	2,195	1,958	1,661	1,127	712	297	59,330
Bcharreh	0.59	1,803	2,169	2,457	2,548	2,561	2,117	1,924	1,751	1,628	1,445	1,236	993	967	863	732	497	314	131	26,137
Batroun	1.03	3,139	3,776	4,277	4,436	4,459	3,685	3,348	3,048	2,834	2,516	2,152	1,729	1,683	1,501	1,274	864	546	227	45,495
	21.75																			
Hermel	1.44	4,392	5,283	5,983	6,206	6,238	5,156	4,685	4,265	3,966	3,520	3,011	2,419	2,355	2,101	1,782	1,209	764	318	63,654
Baalbek	6.09	18,564	22,330	25,290	26,231	26,366	21,792	19,801	18,026	16,761	14,878	12,726	10,223	9,954	8,878	7,533	5,112	3,228	1,345	269,039
Zahleh	3.96	12,087	14,540	16,467	17,080	17,168	14,190	12,893	11,737	10,914	9,687	8,286	6,657	6,482	5,781	4,905	3,328	2,102	876	175,180
Rachaiya	0.87	2,656	3,195	3,618	3,753	3,772	3,118	2,833	2,579	2,398	2,129	1,821	1,463	1,424	1,270	1,078	731	462	192	38,492
West Beqaa	2.00	6,107	7,347	8,320	8,630	8,674	7,170	6,515	5,930	5,514	4,895	4,187	3,364	3,275	2,921	2,478	1,682	1,062	443	88,514
	14.36																			
Nabatiyeh	2.97	9,070	10,910	12,356	12,816	12,882	10,648	9,675	8,807	8,189	7,269	6,218	4,995	4,864	4,338	3,681	2,498	1,577	657	131,451
Hasbaiya	0.73	2,213	2,662	3,015	3,127	3,143	2,598	2,361	2,149	1,998	1,774	1,517	1,219	1,187	1,058	898	609	385	160	32,076
Marjaayoun	1.77	5,388	6,481	7,340	7,613	7,652	6,325	5,747	5,232	4,865	4,318	3,693	2,967	2,889	2,577	2,186	1,484	937	390	78,085
Bent Jbayl	2.21	6,727	8,092	9,164	9,506	9,554	7,897	7,175	6,532	6,074	5,391	4,611	3,705	3,607	3,217	2,730	1,852	1,170	487	97,493
	7.67																			
Saida	5.52	16,838	20,254	22,939	23,793	23,915	19,766	17,961	16,350	15,203	13,495	11,543	9,273	9,029	8,053	6,833	4,637	2,928	1,220	244,030
Sour	5.50	16,781	20,185	22,861	23,712	23,833	19,699	17,899	16,294	15,151	13,449	11,503	9,242	8,998	8,026	6,810	4,621	2,918	1,216	243,198
Jezzine	0.65	1,980	2,382	2,698	2,798	2,812	2,325	2,112	1,923	1,788	1,587	1,357	1,091	1,062	947	804	545	344	143	28,698
	11.67																			
Jbayl	2.10	6,393	7,690	8,709	9,033	9,079	7,504	6,819	6,207	5,772	5,123	4,382	3,521	3,428	3,057	2,594	1,760	1,112	463	92,648
Keserwan	3.82	11,639	14,000	15,856	16,446	16,530	13,663	12,415	11,301	10,509	9,328	7,978	6,410	6,241	5,566	4,723	3,205	2,024	843	168,678
Matn	10.97	33,456	40,244	45,578	47,275	47,517	39,274	35,686	32,486	30,207	26,813	22,934	18,425	17,940	16,001	13,576	9,213	5,818	2,424	484,869
Baabda	11.07	33,757	40,606	45,987	47,700	47,944	39,627	36,007	32,778	30,479	27,054	23,140	18,591	18,101	16,144	13,698	9,295	5,871	2,446	489,226
Aaley	3.17	9,682	11,647	13,190	13,681	13,751	11,366	10,328	9,401	8,742	7,760	6,637	5,332	5,192	4,631	3,929	2,666	1,684	702	140,320
Chouf	4.10	12,501	15,038	17,031	17,665	17,755	14,675	13,335	12,139	11,287	10,019	8,570	6,885	6,704	5,979	5,073	3,442	2,174	906	181,176
	35.22																			
Beirut	9.33	28,463	34,238	38,776	40,220	40,426	33,413	30,361	27,638	25,699	22,812	19,512	15,675	15,263	13,613	11,550	7,838	4,950	2,063	412,512
	9.33																			
Total	100.00	305,029	366,919	415,547	431,020	433,230	358,078	325,364	296,188	275,410	244,465	209,100	167,987	163,566	145,884	123,780	83,994	53,049	22,104	4,420,713

*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, 2010-2017

Mohafaza	Qada	Percent of Total Population, 2010	Population 2010	Population 2011	Population 2012	Population 2013	Population 2014	Population 2015	Population 2016	Population 2017	Percent of Total Population,2017
North	Aakkar	6.30	249,642	258,788	268,191	277,260	286,866	296,757	306,733	317,798	7.19
	Minieh-Danniyeh	3.07	121,722	125,429	129,116	132,482	136,249	139,887	143,897	148,010	3.35
	Tripoli	6.74	267,159	272,162	276,827	280,993	285,081	289,136	293,571	298,159	6.74
	Zgharta	1.48	58,479	60,331	61,570	62,520	63,437	64,458	65,555	66,445	1.50
	Koura	1.42	56,384	57,186	57,629	57,679	57,839	58,138	58,734	59,330	1.34
	Bcharreh	0.54	21,559	22,626	23,587	24,139	24,686	25,070	25,370	26,137	0.59
	Batroun	1.05	41,793	42,569	43,108	43,603	44,166	44,662	45,094	45,495	1.03
Total		20.62	816,739	839,092	860,029	878,677	898,325	918,109	938,955	961,375	21.75
Beqaa	Hermel	1.34	53,052	54,577	56,212	57,541	58,854	60,297	61,955	63,654	1.44
	Baalbek	5.51	218,285	226,566	231,648	240,242	247,533	254,375	261,928	269,039	6.09
	Zahleh	3.90	154,642	157,894	160,925	163,841	166,841	169,903	172,950	175,180	3.96
	Rachaiya	0.82	32,617	33,657	34,466	35,107	36,020	36,751	37,629	38,492	0.87
	West Beqaa	1.89	74,709	76,917	78,916	80,803	82,684	84,408	86,501	88,514	2.00
Total		13.46	533,305	549,611	562,167	577,534	591,932	605,734	620,963	634,879	14.36
Nabatiyeh	Nabatiyeh	2.95	116,703	117,871	119,214	120,352	122,345	125,176	128,345	131,451	2.97
	Hasbaiya	0.66	26,070	26,944	27,988	28,866	29,685	30,463	31,266	32,076	0.73
	Marjaayoun	1.51	59,676	63,037	66,441	68,771	71,128	73,349	75,739	78,085	1.77
	Bent Jbayl	1.90	75,237	79,038	82,345	85,512	88,444	91,279	94,453	97,493	2.21
Total		7.01	277,686	286,890	295,988	303,501	311,602	320,267	329,803	339,105	7.67
South	Saida	5.31	210,190	217,616	224,624	230,653	235,037	237,979	241,017	244,030	5.52
	Sour	5.34	211,601	216,368	221,040	225,539	230,247	234,509	238,789	243,198	5.50
	Jezzine	0.64	25,178	25,826	26,380	26,860	27,346	27,775	28,189	28,698	0.65
Total		11.28	446,969	459,810	472,044	483,052	492,630	500,263	507,995	515,926	11.67
Mount Lebanon	Jbayl	2.19	86,659	87,770	88,650	89,591	90,432	91,179	92,016	92,648	2.10
	Keserwan	4.15	164,489	165,216	165,875	166,480	167,039	167,584	168,176	168,678	3.82
	Matn	12.10	479,510	480,197	480,936	481,535	482,535	483,352	484,138	484,869	10.97
	Baabda	12.15	481,423	482,690	483,777	484,861	486,312	487,166	488,417	489,226	11.07
	Aaley	3.34	132,503	133,651	134,791	135,865	137,065	138,099	139,254	140,320	3.17
	Chouf	4.14	164,074	166,799	169,331	171,794	174,181	176,401	178,744	181,176	4.10
Total		38.08	1,508,658	1,516,323	1,523,360	1,530,126	1,537,564	1,543,781	1,550,745	1,556,917	35.22
Beirut	Beirut	9.55	378,464	384,725	390,238	394,880	399,304	403,381	407,453	412,512	9.33
Total		9.55	378,464	384,725	390,238	394,880	399,304	403,381	407,453	412,512	9.33
Total Population		100.00	3,961,820	4,036,450	4,103,825	4,167,769	4,231,356	4,291,534	4,355,913	4,420,713	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, 2017

Qada	0-4	5-9	10-14	<15years	>65years	Active Population**	Total Population	Births	Deaths	CBR	CDR	RNI
Aakkar	21,928	26,377	29,873	78,178	30,826	208,793	317,798	12,917	1,852	40.65	5.83	3.48
Minieh-Danniyeh	10,213	12,285	13,913	36,410	14,357	97,242	148,010	4,824	711	32.59	4.80	2.78
Tripoli	20,573	24,747	28,027	73,347	28,921	195,891	298,159	6,148	1,560	20.62	5.23	1.54
Zgharta	4,585	5,515	6,246	16,346	6,445	43,655	66,445	1,382	492	20.80	7.40	1.34
Koura	4,094	4,924	5,577	14,595	5,755	38,980	59,330	1,031	435	17.38	7.33	1.00
Bcharreh	1,803	2,169	2,457	6,430	2,535	17,172	26,137	1,149	382	43.96	14.62	2.93
Batroun	3,139	3,776	4,277	11,192	4,413	29,890	45,495	936	535	20.57	11.76	0.88
Hermel	4,392	5,283	5,983	15,659	6,174	41,821	63,654	2,041	342	32.06	5.37	2.67
Baalbek	18,564	22,330	25,290	66,184	26,097	176,758	269,039	8,934	1,823	33.21	6.78	2.64
Zahleh	12,087	14,540	16,467	43,094	16,992	115,093	175,180	3,447	1,217	19.68	6.95	1.27
Rachaiya	2,656	3,195	3,618	9,469	3,734	25,289	38,492	1,142	279	29.67	7.25	2.24
West Beqaa	6,107	7,347	8,320	21,774	8,586	58,154	88,514	2,599	586	29.36	6.62	2.27
Nabatiyeh	9,070	10,910	12,356	32,337	12,751	86,363	131,451	4,054	948	30.84	7.21	2.36
Hasbaiya	2,213	2,662	3,015	7,891	3,111	21,074	32,076	1,129	319	35.20	9.95	2.53
Marjaayoun	5,388	6,481	7,340	19,209	7,574	51,302	78,085	3,050	704	39.06	9.02	3.00
Bent Jbayl	6,727	8,092	9,164	23,983	9,457	64,053	97,493	3,958	918	40.60	9.42	3.12
Saida	16,838	20,254	22,939	60,031	23,671	160,328	244,030	4,062	1,049	16.65	4.30	1.23
Sour	16,781	20,185	22,861	59,827	23,590	159,781	243,198	5,497	1,088	22.60	4.47	1.81
Jezzine	1,980	2,382	2,698	7,060	2,784	18,854	28,698	1,021	512	35.58	17.84	1.77
Jbayl	6,393	7,690	8,709	22,791	8,987	60,870	92,648	1,359	727	14.67	7.85	0.68
Keserwan	11,639	14,000	15,856	41,495	16,362	110,822	168,678	1,383	881	8.20	5.22	0.30
Matn	33,456	40,244	45,578	119,278	47,032	318,559	484,869	2,202	1,471	4.54	3.03	0.15
Baabda	33,757	40,606	45,987	120,350	47,455	321,421	489,226	2,123	1,314	4.34	2.69	0.17
Aaley	9,682	11,647	13,190	34,519	13,611	92,190	140,320	2,155	1,089	15.36	7.76	0.76
Chouf	12,501	15,038	17,031	44,569	17,574	119,033	181,176	4,039	1,607	22.29	8.87	1.34
Beirut	28,463	34,238	38,776	101,478	40,014	271,020	412,512	8,065	3,006	19.55	7.29	1.23
Total	**305,029**	**366,919**	**415,547**	**1,087,495**	**428,809**	**2,904,408**	**4,420,713**	**90,647**	**25,847**	**20.51**	**5.85**	**1.47**

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.

Table B.7: Proportion of reported hospital deaths by age group and gender in Lebanon, 2017

Age group	Female (%)	Male (%)	Total (%)
<1year	3.22	4.22	7.44
1 to 4	0.87	0.93	1.79
5 to 9	0.20	0.34	0.54
10 to 14	0.17	0.21	0.38
15 to 19	0.30	0.72	1.02
20 to 24	0.29	0.80	1.09
25 to 29	0.42	0.82	1.25
30 to 34	0.36	0.84	1.20
35 to 39	0.57	0.81	1.38
40 to 44	0.58	0.90	1.48
45 to 49	0.93	1.59	2.53
50 to 54	1.67	2.29	3.96
55 to 59	2.07	3.39	5.46
60 to 64	2.59	3.85	6.43
65 to 69	2.99	4.73	7.72
70 to 74	4.20	5.37	9.57
75 to 79	5.40	6.51	11.91
80 to 84	6.65	7.12	13.77
85 to 89	6.44	5.64	12.08
90 to 94	3.54	3.00	6.54
95+	1.09	1.00	2.09
Unknown	0.15	0.22	0.36
Total	44.72	55.28	100.00

Source: Hospital Mortality System (HMS), Statistics Department, MOPH (on 12-11-2018)

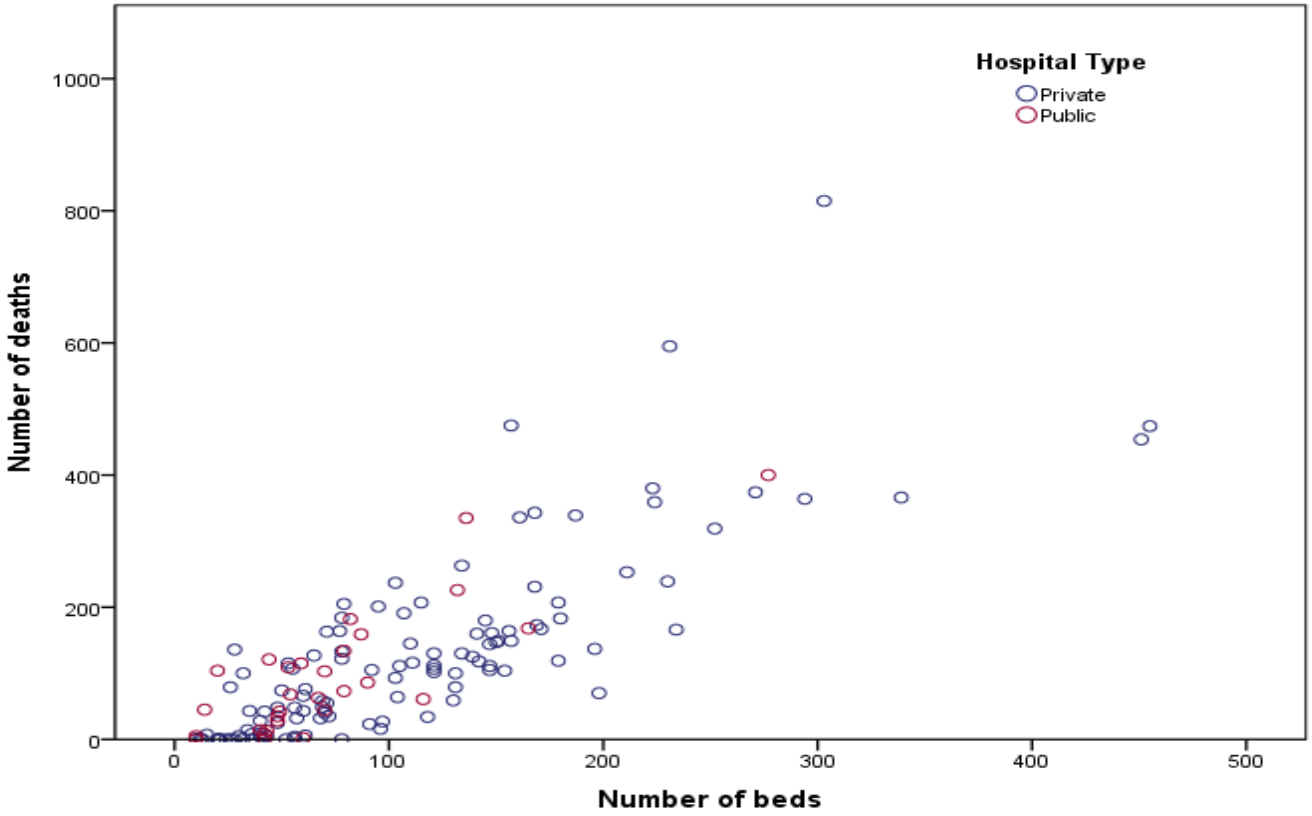
Table B.8: Top 10 leading causes of reported hospital deaths* by ICD10 4 - character code and gender, 2017

Top 10 leading causes of death					
Males			Females		
Description	ICD-10	%	Description	ICD-10	%
Malignant neoplasm of bronchus or lung, unspecified	C34.9	4.6	Malignant neoplasm of breast, unspecified	C50.9	2.7
Acute myocardial infarction, unspecified	I21.9	3.0	Malignant neoplasm of bronchus or lung, lower lobe	C34.3	2.2
Pneumonia, unspecified	J18.9	2.2	Acute myocardial infarction, unspecified	I21.9	2.0
Exposure to unspecified factor, causing other and uspecified injury	X59.9	2.1	Pneumonia, unspecified	J18.9	1.7
Acute renal failure, unspecified	N17.9	1.4	Acute renal failure, unspecified	N17.9	1.5
Intracerebral haemorrhage, unspecified	I61.9	1.2	Malignant neoplasm of colon, unspecified	C18.9	0.9
Malignant neoplasm of colon, unspecified	C18.9	1.2	Malignant neoplasm of pancreas, unspecified	C25.9	0.8
Malignant neoplasm of pancreas, unspecified	C25.9	1.1	Intracerebral haemorrhage, unspecified	I61.9	0.8
Malignant neoplasm of prostate	C61	1.1	Stroke, not specified as haemorrhage or infarction	I64	0.7
Malignant neoplasm of bladder, unspecified	C67.9	0.8	Exposure to unspecified factor, causing other and uspecified injury	X59.9	0.7

Source: Hospital Mortality System (HMS), Statistics Department, MOPH

**The underlying cause of death was selected using the IRIS software, a coding system based on international standard*

Graph B.1: Plot of the number of the reported deaths by size* and type of hospital, 2017

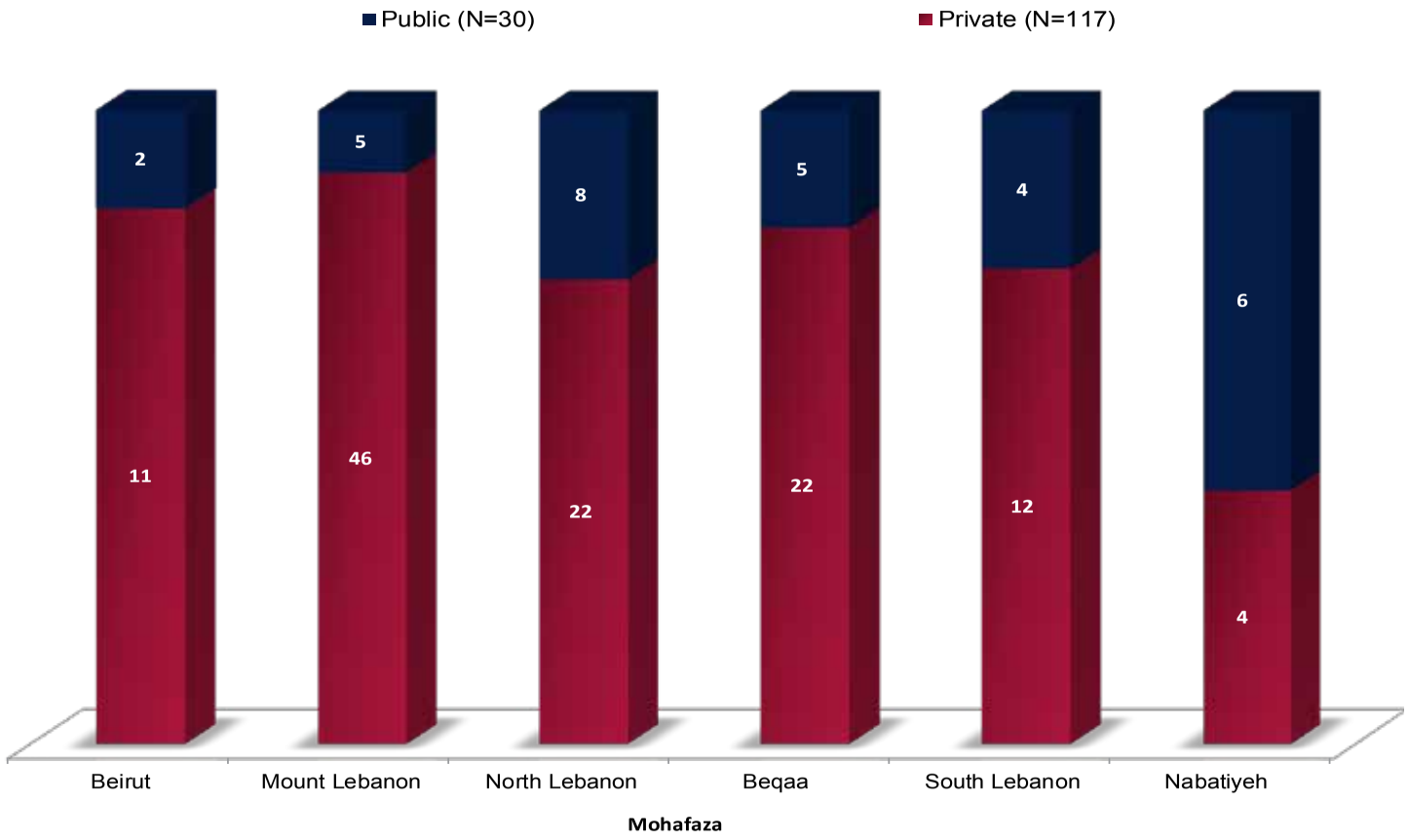


Source: Hospital Mortality System (HMS), Statistics Department, MOPH

*Based on the latest numbers of beds published on the syndicate of hospitals' website

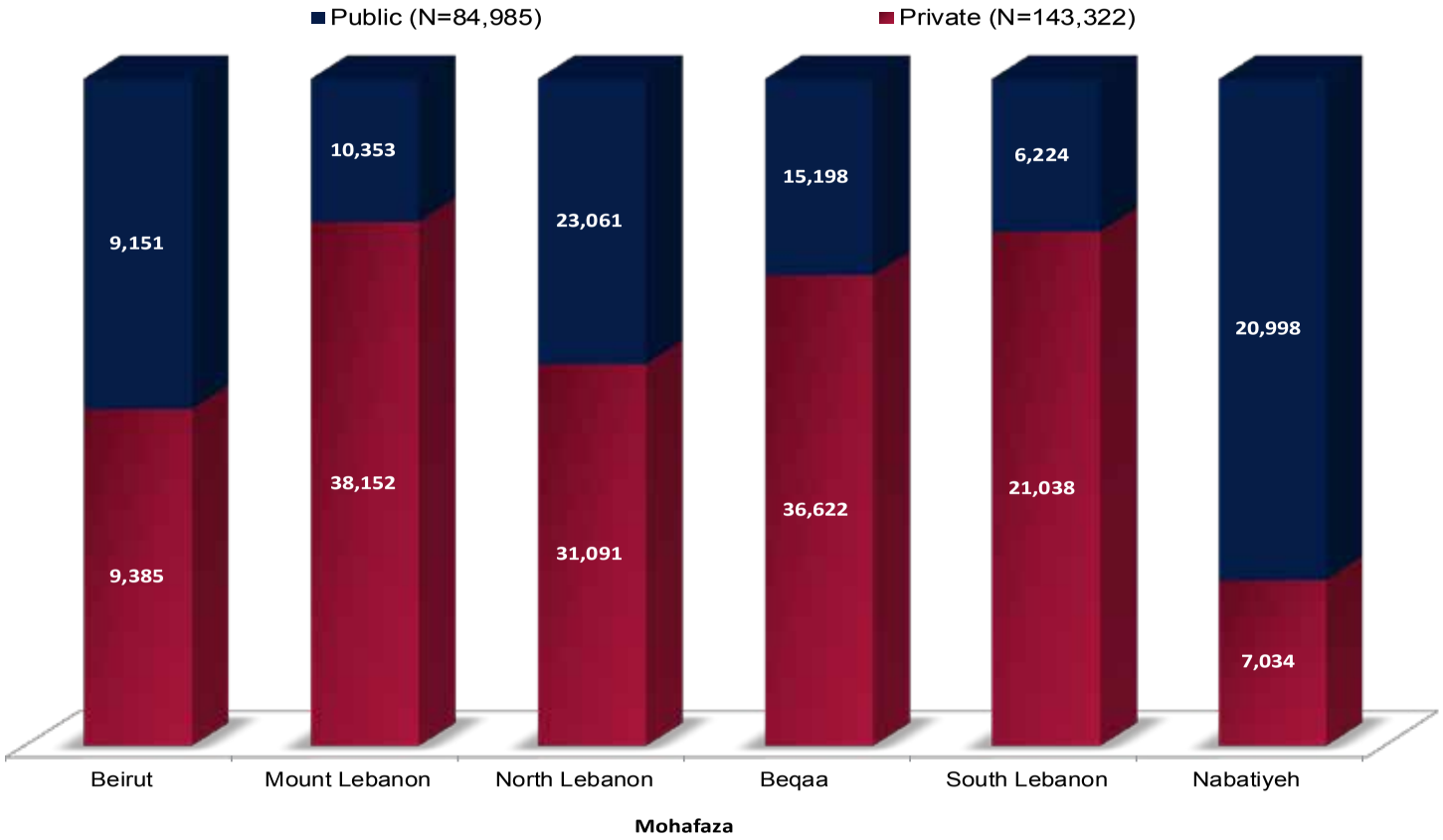
C- MOPH Services Utilization Data

Graph C.1: Hospitals contracting with MOPH by Mohafaza and type, 2017



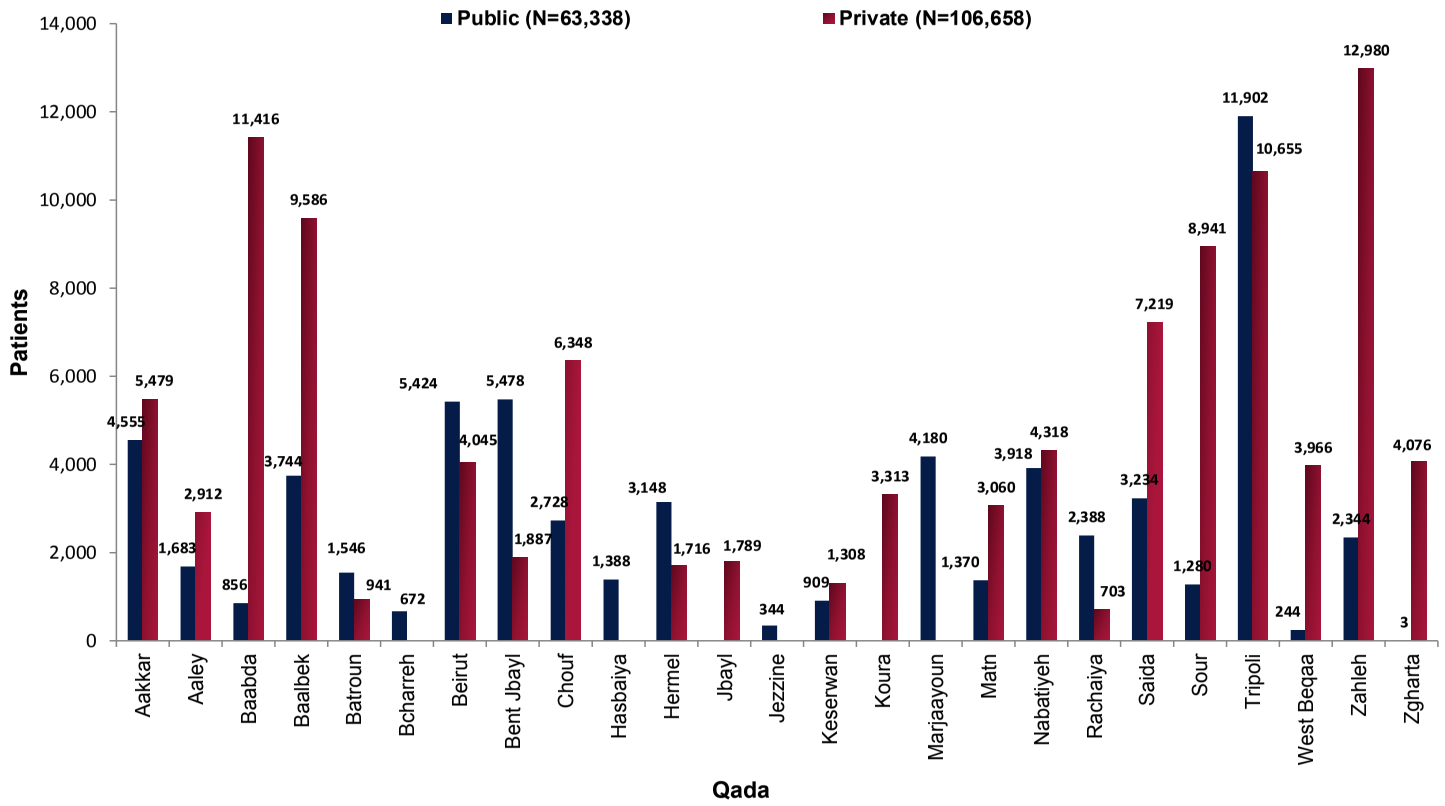
Source: Hospital billing database, IT department, MOPH.

Graph C.2 : MOPH subsidized admissions by Mohafaza and type of hospital, 2017



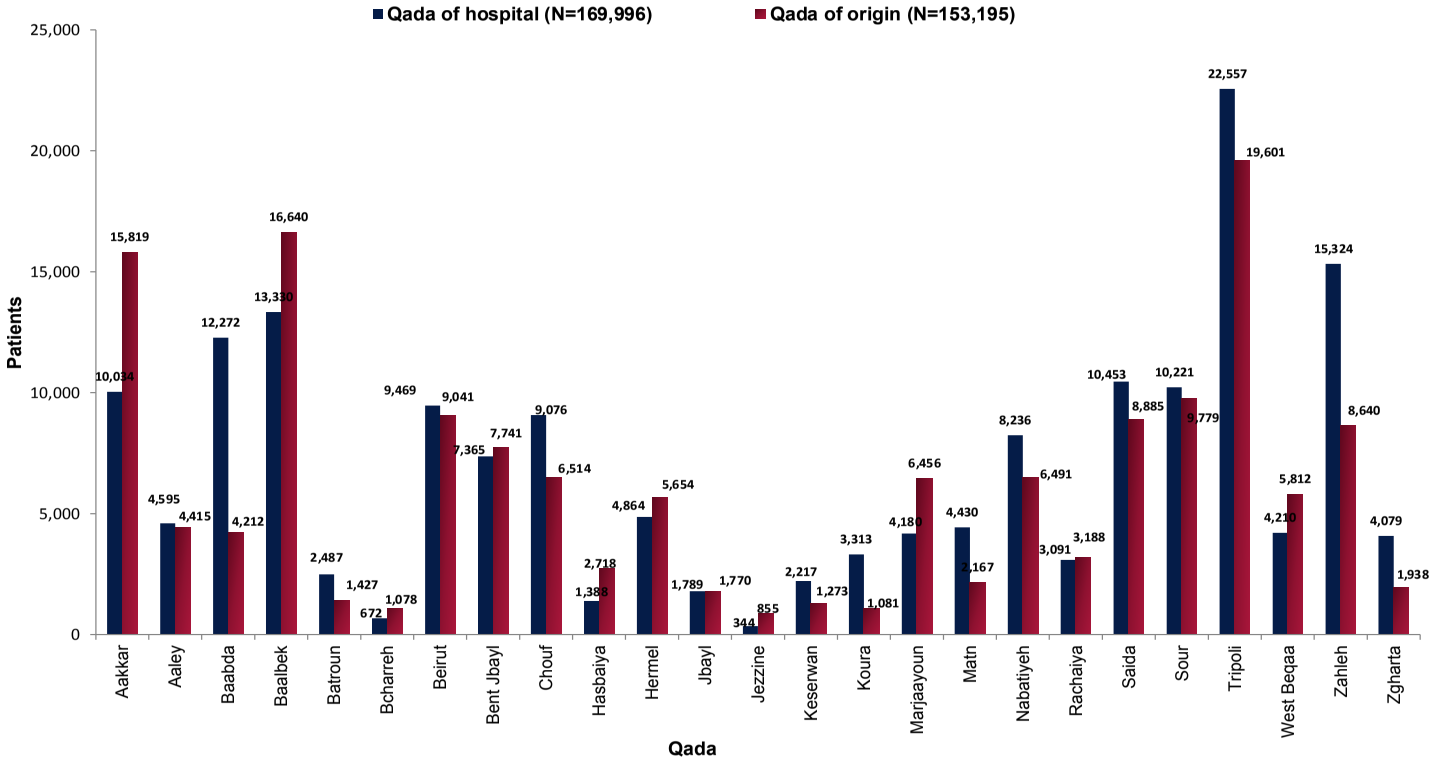
Source: Hospital billing database, IT department, MOPH.

Graph C.3: MOPH subsidized in-patients by Qada and type of hospital, 2017



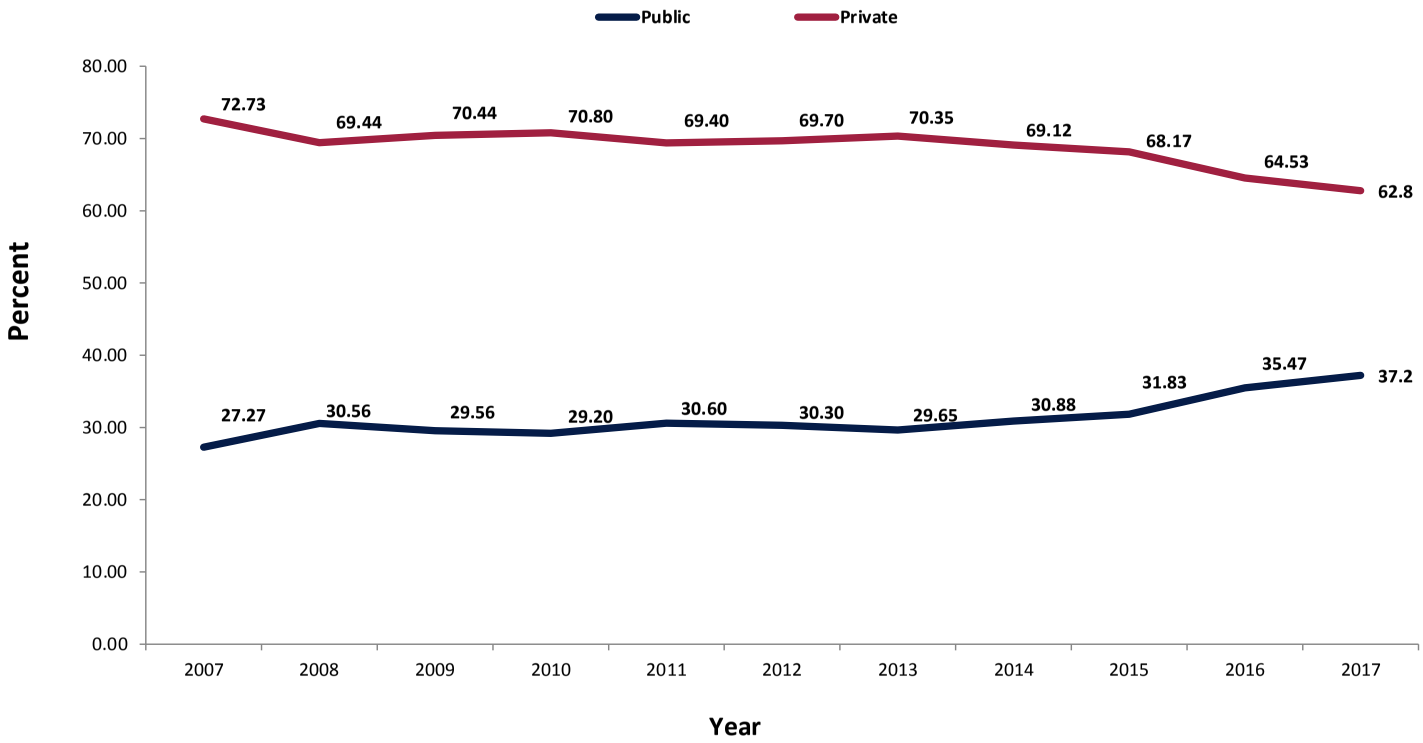
Source: Hospital billing database, IT department, MOPH.

Graph C.4: MOPH subsidized in-patients by Qada of hospital and Qada of origin, 2017



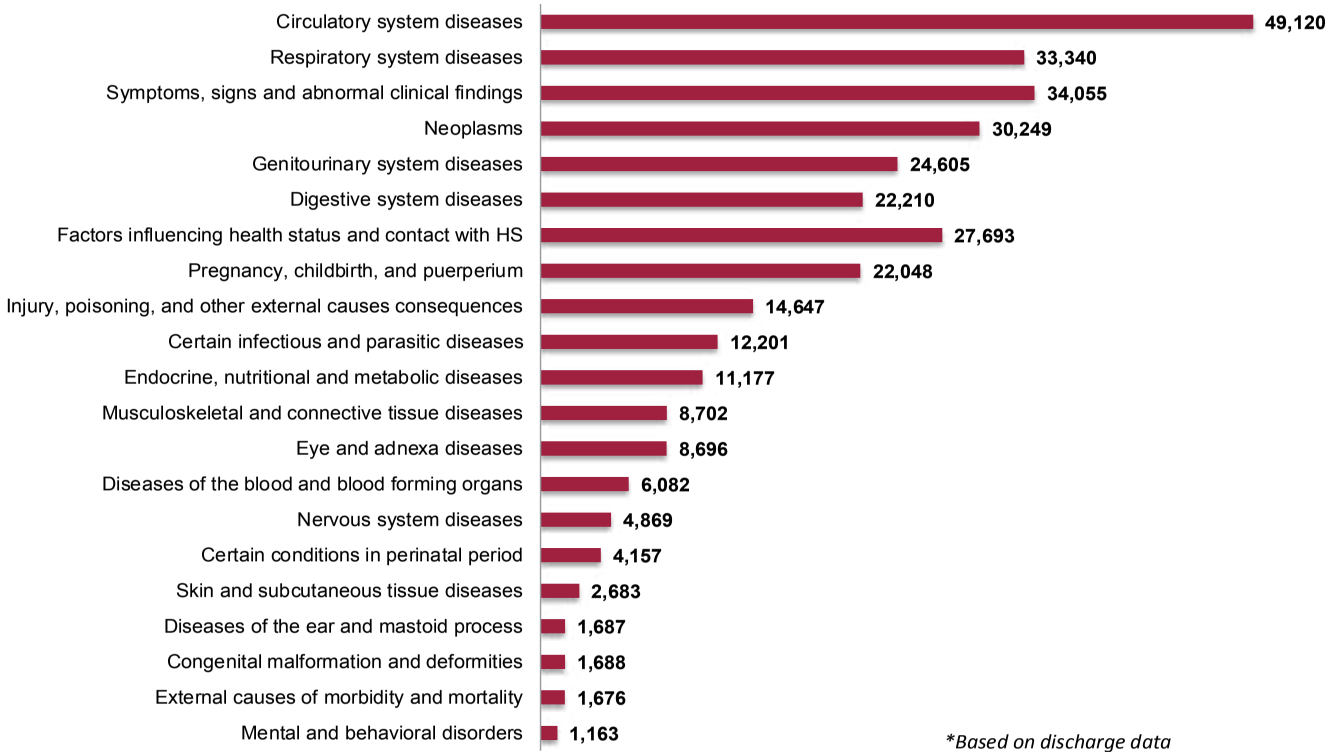
Source: Hospital billing database, IT department, MOPH.

Graph C.5: The evolution of MOPH subsidized admissions in public and private hospitals between 2007 and 2017



Source: Hospital billing database, IT department, MOPH.

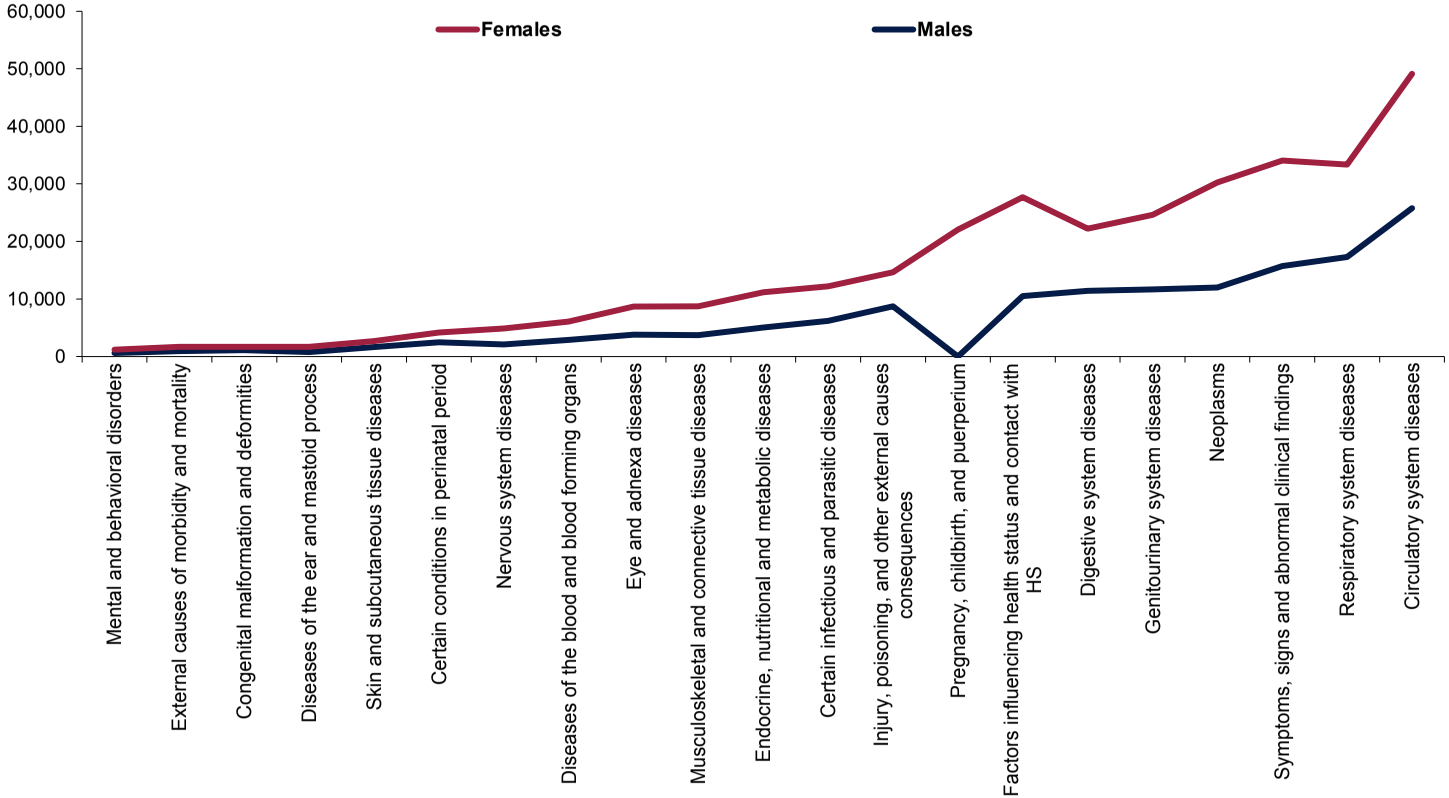
Graph C.6: MOPH subsidized hospital cases* by ICD10 category of diagnosis, 2017 (N=322,748)



**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, 2017 (N =322,748)



**Based on discharge data*

Source: Hospital billing database, IT department, MOPH.

Table C.1: MOPH subsidized hospital cases* by category of diagnosis and gender, 2017

ICD10	Codes	Description	M	F	T
Chapter 1	A00-B99	Certain infectious and parasitic diseases	M	F	T
	A00-A09	Intestinal Infectious Diseases	4,549	4,349	**8,898**
	A15-A19	Tuberculosis	25	21	**46**
	A20-A28	Certain zoonotic bacterial diseases	50	39	**89**
	A30-A49	Other bacterial diseases	631	647	**1,278**
	A50-A64	Infections with a predominantly sexual mode of transmission	19	14	**33**
	A65-A69	Other spirochaetal diseases	1	4	**5**
	A70-A74	Other diseases caused by chlamydiae	0	0	**0**
	A75-A79	Rickettsioses	2	1	**3**
	A80-A89	Viral Infections of the CNS	27	24	**51**
	A90-A99	Arthropod-borne viral fevers and viral hemorrhagic fevers	9	3	**12**
	B00-B09	Viral Infections characterized by skin and mucous membrane lesions	66	58	**124**
	B15-B19	Viral hepatitis	149	105	**254**
	B20-B24	Human immunodeficiency virus[HIV] disease	23	2	**25**
	B25-B34	Other viral diseases	122	81	**203**
	B35-B49	Mycoses	45	40	**85**
	B50-B64	Protozoal diseases	33	14	**47**
	B65-B83	Helminthiases	30	39	**69**
	B85-B89	Pediculosis, acariasis and other infestations	4	3	**7**
	B90-B94	Sequelae of infectious and parasitic diseases	0	5	**5**
	B95-B97	Bacterial, viral and other infectious agents	381	548	**929**
	B99	Other infectious diseases	20	18	**38**
Total			**6,186**	**6,015**	**12,201**
Chapter 2	C00-D48	Neoplasms	M	F	T
	C00-C97	Malignant Neoplasms	**10,889**	**16,163**	**27,052**
	C00-C14.8	Lip oral cavity and pharynx	187	104	**291**
	C15-C26.9	Digestive organs	1,675	1,647	**3,322**
	C30-C39.9	Respiratory and intrathoracic organs	2,204	1,102	**3,306**
	C40-C41.9	Bone and articular cartilage	137	172	**309**
	C43-C44.9	Melanoma and other malignant neoplasms of skin	163	88	**251**
	C45-C49.9	Mesothelial and soft tissue	175	145	**320**
	C50-C50.9	Breast	182	7,414	**7,596**
	C51-C58	Female genital organs	82	1,275	**1,357**
	C60-C63.9	Male genital organs	713	34	**747**
	C64-C68.9	Urinary tract	1,012	368	**1,380**
	C69-C72.9	Eye, brain and other parts of CNS	253	208	**461**
	C73-C75.9	Thyroid and other endocrine glands	197	145	**342**
	C76-C80	Ill-defined, secondary and unspecified sites	556	729	**1,285**
	C81-C96.9	Lymphoid, haematopoietic and related tissue	3,353	2,726	**6,079**
	C97	Independent (primary) multiple sites	0	6	**6**
	D00-D09	In situ neoplasms	56	68	**124**
	D10-D36	Benign neoplasms	745	1,677	**2,422**
	D37-D48	Neoplasms of uncertain and unknown behavior	298	353	**651**
Total			**11,988**	**18,261**	**30,249**

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	350	717	**1,067**
	D55-D59	Haemolytic anaemias	1,008	730	**1,738**
	D60-D64	Aplastic and other anaemias	937	1,348	**2,285**
	D65-D69	Coagulation defects, purpura and other haemorrhagic conditions	189	184	**373**
	D70-D77	Other diseases of the blood and blood forming organs	251	153	**404**
	D80-D89	Certain disorders involving the immune mechanism	130	85	**215**
Total			2,865	3,217	6,082
Chapter 4	E00-E90	Endocrine, nutritional and metabolic diseases	M	F	T
	E00-E07	Disorders of thyroid gland	229	1,091	**1,320**
	E10-E14	Diabetes mellitus	3,085	3,138	**6,223**
	E15-E16	Other disorders of glucose regulation and pancreatic internal secretion	60	99	**159**
	E20-E35	Disorders of other endocrine glands	88	143	**231**
	E40-E46	Malnutrition	19	17	**36**
	E50-E64	Other nutritional deficiencies	23	32	**55**
	E65-E68	Obesity and other hyperalimentation	127	229	**356**
	E70-E90	Metabolic disorders	1,419	1,378	**2,797**
Total			5,050	6,127	11,177
Chapter 5	F00-F99	Mental and behavioral disorders	M	F	T
	F00-F09	Organic, including symptomatic, mental disorders	28	35	**63**
	F10-F19	Mental and behavioral disorders due to psychoactive substance abuse	151	104	**255**
	F20-F29	Schizophrenia, schizotypal and delusional disorders	220	130	**350**
	F30-F39	Mood [affective] disorders	119	131	**250**
	F40-F48	Neurotic, stress-related and somatoform disorders	49	90	**139**
	F50-F59	Behavioral syndromes associated with physiological disturbances and physical factors	11	10	**21**
	F60-F69	Disorders of adult personality and behaviour	5	20	**25**
	F70-F79	Mental retardation	21	16	**37**
	F80-F89	Disorders of psychological development	9	9	**18**
	F90-F98	Behavioral and emotional disorders with onset usually occurring in childhood and adolescence	1	2	**3**
	F99	Unspecified mental disorder	0	2	**2**
Total			614	549	1,163
Chapter 6	G00-G99	Diseases of the nervous system	M	F	T
	G00-G09	Inflammatory diseases of the central nervous system	78	63	**141**
	G10-G13	Systemic atrophies primarily affecting the nervous system	22	54	**76**
	G20-G26	Extrapyramidal and mood disorders	46	27	**73**
	G30-G32	Other degenerative diseases of the nervous system	54	57	**111**
	G35-G37	Demyelinating diseases of the CNS	94	208	**302**
	G40-G47	Episodic and paroxysmal disorders	951	1,019	**1,970**
	G50-G59	Nerve, nerve root and plexus disorders	243	722	**965**
	G60-G64	Polyneuropathies and other disorders of the peripheral NS	46	56	**102**
	G70-G73	Diseases of myoneural junction and muscle	19	24	**43**
	G80-G83	Cerebral palsy and other paralytic syndromes	359	358	**717**
	G90-G99	Others disorders of the nervous system	197	172	**369**
Total			2,109	2,760	4,869

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	95	114	**209**
	H10-H13	Disorders of conjunctiva	53	46	**99**
	H15-H22	Disorders of sclera, cornea, iris, and ciliary body	44	63	**107**
	H25-H28	Disorders of lens	2,916	4,036	**6,952**
	H30-H36	Disorders of choroid and retina	161	149	**310**
	H40-H42	Glaucoma	68	73	**141**
	H43-H45	Disorders of vitreous body and globe	134	109	**243**
	H46-H48	Disorders of optic nerve and visual pathways	8	10	**18**
	H49-H52	Disorders of ocular muscles, binocular movement accommodation and refraction	77	75	**152**
	H53-H54	Visual disturbances and blindness	167	129	**296**
	H55-H59	Other disorders of eye and adnexa	74	95	**169**
Total			3,797	4,899	8,696
Chapter 8	H60-H95	Diseases of the ear and mastoid process	M	F	T
	H60-H62	Diseases of the external ear	131	112	**243**
	H65-H75	Diseases of the middle ear and mastoid	479	478	**957**
	H80-H83	Diseases of the inner ear	154	286	**440**
	H90-H95	Other disorders of ear	23	24	**47**
Total			787	900	1,687
Chapter 9	I00-I99	Diseases of the circulatory system	M	F	T
	I00-I02	Acute rheumatic fever	15	21	**36**
	I05-I09	Chronic rheumatic heart disease	92	143	**235**
	I10-I15	Hypertensive diseases	5,642	7,242	**12,884**
	I20-I25	Ischemic heart diseases	11,585	8,086	**19,671**
	I26-I28	Pulmonary heart disease and diseases of the pulmonary circulation	82	89	**171**
	I30-I52	Other forms of heart disease	4,353	4,855	**9,208**
	I60-I69	Cerebrovascular diseases	1,306	1,377	**2,683**
	I70-I79	Diseases of arteries, arterioles and capillaries	801	419	**1,220**
	I80-I89	Diseases of veins, lymphatic vessels and lymph nodes NEC	1,672	813	**2,485**
	I95-I99	Other and unspecified disorders of the circulatory system	234	293	**527**
Total			25,782	23,338	49,120
Chapter 10	J00-J99	Diseases of the respiratory system	M	F	T
	J00-J06	Acute upper respiratory infections	1,478	1,179	**2,657**
	J10-J18	Influenza and pneumonia	5,325	5,003	**10,328**
	J20-J22	Other acute lower respiratory infections	2,147	1,840	**3,987**
	J30-J39	Other diseases of upper respiratory tract	3,764	3,253	**7,017**
	J40-J47	Chronic lower respiratory diseases	2,959	2,931	**5,890**
	J60-J70	Lung diseases due to external agents	76	51	**127**
	J80-J84	Other resp. diseases principally affecting interstitium	720	926	**1,646**
	J85-J86	Suppurative and necrotic conditions of lower RT	24	21	**45**
	J90-J94	Other diseases of plura	429	389	**818**
	J95-J99	Other diseases of the respiratory system	380	445	**825**
Total			17,302	16,038	33,340

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	168	136	**304**
	K20-K31	Diseases of oesophagus, stomach and duodenum	1,321	1,939	**3,260**
	K35-K38	Diseases of appendix	860	614	**1,474**
	K40-K46	Hernia	3,639	1,330	**4,969**
	K50-K52	Noninfective enteritis and colitis	1,081	1,102	**2,183**
	K55-K63	Other diseases of intestines	1,624	1,374	**2,998**
	K65-K67	Diseases of peritoneum	142	150	**292**
	K70-K77	Diseases of liver	390	229	**619**
	K80-K87	Disorders of gallbladder, biliary tract and pancreas	1,804	3,556	**5,360**
	K90-K93	Other diseases of the digestive system	384	367	**751**
Total			**11,413**	**10,797**	**22,210**
Chapter 12	**L00-L99**	**Diseases of the skin and subcutaneous tissue**	**M**	**F**	**T**
	L00-L08	Infections of the skin and subcutaneous tissue	1,062	639	**1,701**
	L10-L14	Bullous disorders	4	8	**12**
	L20-L30	Dermatitis and eczema	16	22	**38**
	L40-L45	Papulosquamous disorders	9	9	**18**
	L50-L54	Urticaria and erythema	40	50	**90**
	L55-L59	Radiation-related disorders of the skin and subcutaneous tissue	2	1	**3**
	L60-L75	Disorders of skin appendages	39	34	**73**
	L80-L99	Other disorders of the skin and subcutaneous tissue	453	295	**748**
Total			**1,625**	**1,058**	**2,683**
Chapter 13	**M00-M99**	**Diseases of the musculoskeletal system and connective tissue**	**M**	**F**	**T**
	M00-M25	Arthropathies	**1,417**	**2,014**	**3,431**
	M0-M03	*Infectious arthropathies*	*35*	*29*	**64**
	M05-M14.8	*Inflammatory polyarthropathies*	*261*	*522*	**783**
	M15-M19.9	*Arthrosis*	*370*	*708*	**1,078**
	M20-M25.9	*Other joint disorders*	*704*	*676*	**1,380**
	M30-M36	Systemic connective tissue disorders	47	79	**126**
	M40-M54	Dorsopathies	**1,137**	**1,617**	**2,754**
	M40-M43.9	*Deforming dorsopathies*	*47*	*100*	**147**
	M45-M49.8	*Spondylopathies*	*194*	*256*	**450**
	M50-M54.9	*Other dorsopathies*	*896*	*1,261*	**2,157**
	M60-M79	Soft tissue disorders	**633**	**914**	**1,547**
	M60-M63.8	*Disorders of muscles*	*46*	*43*	**89**
	M65-M68.8	*Disorders of synovium and tendon*	*214*	*415*	**629**
	M70-M79.9	*Other soft tissue disorders*	*373*	*456*	**829**
	M80-M94	Osteopathies and chondropathies	**513**	**457**	**970**
	M80-M85.9	*Disorders of bonedensity and structure*	*171*	*268*	**439**
	M86-M90.8	*Other osteopathies*	*286*	*161*	**447**
	M91-M94.9	*Chondropathies*	*23*	*13*	**36**
	M95-M99	Other disorders of the musculoskeletal system and connective tissue	33	15	**48**
Total			**3,700**	**5,002**	**8,702**

ICD10	Codes	Description	M	F	T
Chapter 14	N00-N99	Diseases of the genitourinary system	M	F	T
	N00-N08	Glomerular diseases	261	165	**426**
	N10-N16	Renal tubulo-interstitial diseases	690	949	**1,639**
	N17-N19	Renal failure	2,099	1,880	**3,979**
	N20-N23	Urolithiasis	4,430	2,966	**7,396**
	N25-N29	Other disorders of kidney and ureter	82	93	**175**
	N30-N39	Other diseases of the urinary system	1,945	2,817	**4,762**
	N40-N51	Diseases of male genital organs	2,096	0	**2,096**
	N60-N64	Disorders of breast	40	321	**361**
	N70-N77	Inflammatory diseases of female pelvic organs	0	277	**277**
	N80-N98	Noninflammatory disorders of female genital tract	0	3,464	**3,464**
	N99	Other disorders of the genitourinary system	5	25	**30**
Total			11,648	12,957	24,605
Chapter 15	O00-O99	Pregnancy, childbirth and puerperium	M	F	T
	O00-O08	Pregnancy with abortive outcome	0	1,329	**1,329**
	O10-O16	Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	0	94	**94**
	O20-O29	Other maternal disorders predominantly related to pregnancy	0	254	**254**
	O30-O48	Maternal care related to the fetus and amniotic cavity and possible delivery problems	0	1,494	**1,494**
	O60-O75	Complications of labor and delivery	0	406	**406**
	O80-O84	Delivery	0	18,350	**18,350**
	O85-O92	Complications predominantly related to the puerperium	0	45	**45**
	O95-O99	Other obstetric conditions NEC	0	76	**76**
Total			0	22,048	22,048
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	45	88	**133**
	P05-P08	Disorders related to length of gestation and fetal growth	283	212	**495**
	P10-P15	Birth trauma	5	4	**9**
	P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	1,287	732	**2,019**
	P35-P39	Infections specific to the perinatal period	311	206	**517**
	P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	381	344	**725**
	P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	76	56	**132**
	P75-P78	Digestive system disorders of fetus and newborn	15	13	**28**
	P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	13	5	**18**
	P90-P96	Other disorders originating in the perinatal period	44	37	**81**
Total			2,460	1,697	4,157

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	20	31	**51**
	Q10-Q18	Congenital malformations of eye, ear, face and neck	9	16	**25**
	Q20-Q28	Congenital malformations of the circulatory system	228	168	**396**
	Q30-Q34	Congenital malformations of the respiratory system	8	13	**21**
	Q35-Q37	Cleft lip and cleft palate	36	25	**61**
	Q38-Q45	Other congenital malformations of the digestive system	91	46	**137**
	Q50-Q56	Congenital malformations of the genital organs	491	29	**520**
	Q60-Q64	Congenital malformations of the urinary system	87	60	**147**
	Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	101	146	**247**
	Q80-Q89	Other congenital malformations	27	22	**49**
	Q90-Q99	Chromosomal abnormalities, NEC	17	17	**34**
Total			**1,115**	**573**	**1,688**
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	4,942	5,376	**10,318**
	R10-R19	Symptoms and signs involving the digestive system and abdomen	4,709	7,000	**11,709**
	R20-R23	Symptoms and signs involving the skin and subcutaneous tissue	173	158	**331**
	R25-R29	Symptoms and signs involving the nervous and musculoskeletal systems	27	33	**60**
	R30-R39	Symptoms and signs involving the urinary system	915	484	**1,399**
	R40-R46	Symptoms and signs involving cognition, perception, emotional state and behaviour	457	617	**1,074**
	R47-R49	Symptoms and signs involving speech and voice	27	28	**55**
	R50-R69	General symptoms and signs	4,238	4,364	**8,602**
	R70-R79	Abnormal findings on examination of blood, without diagnosis	109	136	**245**
	R80-R82	Abnormal findings on examination of urine, without diagnosis	7	12	**19**
	R83-R89	Abnormal findings on examination of other body fluids substances and tissues, without diagnosis	4	6	**10**
	R90-R94	Abnormal findings on diagnostic imaging and in function studies, without diagnosis	70	56	**126**
	R95-R99	Ill-defined and unknown causes of mortality	50	57	**107**
Total			**15,728**	**18,327**	**34,055**
Chapter 19	**S00-T98**	**Injury, poisoning and certain other consequences of external causes**	**M**	**F**	**T**
	S00-S09	Injuries to the head	1,043	46	**1,089**
	S10-S19	Injuries to the neck	47	538	**585**
	S20-S29	Injuries to the thorax	173	103	**276**
	S30-S39	Injuries to the abdomen, lower back, lumbar spine and pelvis	258	187	**445**
	S40-S49	Injuries to the shoulder and upper arm	634	538	**1,172**
	S50-S59	Injuries to the elbow and forear	877	546	**1,423**
	S60-S69	Injuries to the wrist and hand	1,064	504	**1,568**
	S70-S79	Injuries to the hip and thigh	982	1,188	**2,170**
	S80-S89	Injuries to the knee and lower leg	1,180	627	**1,807**
	S90-S99	Injuries to the ankle and foot	357	193	**550**
	T00-T07	Injuries involving multiple body regions	1,141	624	**1,765**
	T08-T14	Injuries to unspecified part of trunk, limb or body region	257	133	**390**
	T15-T19	Effects of foreign body entering through natural orifice	45	48	**93**
	T20-T32	Burns and corrosions	68	32	**100**
	T33-T35	Frosbite	2	1	**3**
	T36-T50	Poisoning by drugs, medicaments and biological substances	51	84	**135**
	T51-T65	Toxic effects of substances chiefly nonmedicinal as to source	84	84	**168**
	T66-T78	Other and unspecified effects of external causes	62	62	**124**
	T79	Certain early complications of trauma	42	27	**69**
	T80-T88	Complications of surgical and medical care NEC	327	337	**664**
	T90-T98	Sequelae of injuries, of poisoning and of other consequences of external causes	34	17	**51**
Total			**8,728**	**5,919**	**14,647**

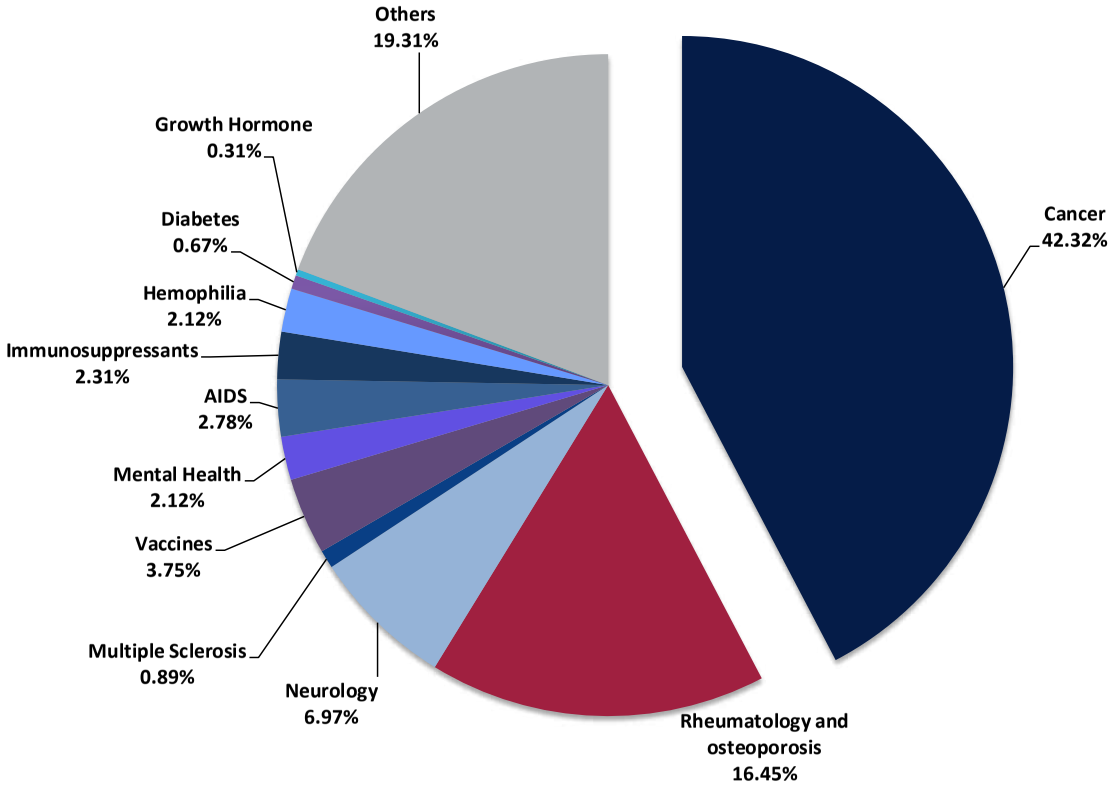
ICD10	Codes	Description	M	F	T
Chapter 20	V01-Y98	External causes of morbidity and mortality	M	F	T
Total			951	725	1,676
Chapter 21	Z00-Z99	Factors influencing health status and contact with health services	M	F	T
	Z00-Z13	Persons encountering health services for examination and investigation	717	805	**1,522**
	Z20-Z29	Persons with potential health hazards related to communicable diseases	55	35	**90**
	Z30-Z39	Persons encountering health services in circumstances related to reproduction	204	5,218	**5,422**
	Z40-Z54	Persons encountering health services for specific procedures and health care	6,708	8,602	**15,310**
	Z55-Z65	Persons with potential health hazards related to socioeconomic and psychosocial circumstances	4	2	**6**
	Z70-Z76	Persons encountering health services in other circumstances	756	561	**1,317**
	Z80-Z99	Persons with potential health hazards related to family and personal history and certain conditions influencing health status	2,057	1,969	**4,026**
Total			10,501	17,192	27,693

Total Number of Hospitalized Diagnoses	144349	178,399	322,748

**Based on discharge data (On 15-5-2018)*

Source: Hospital Billing database, IT department, MOPH.

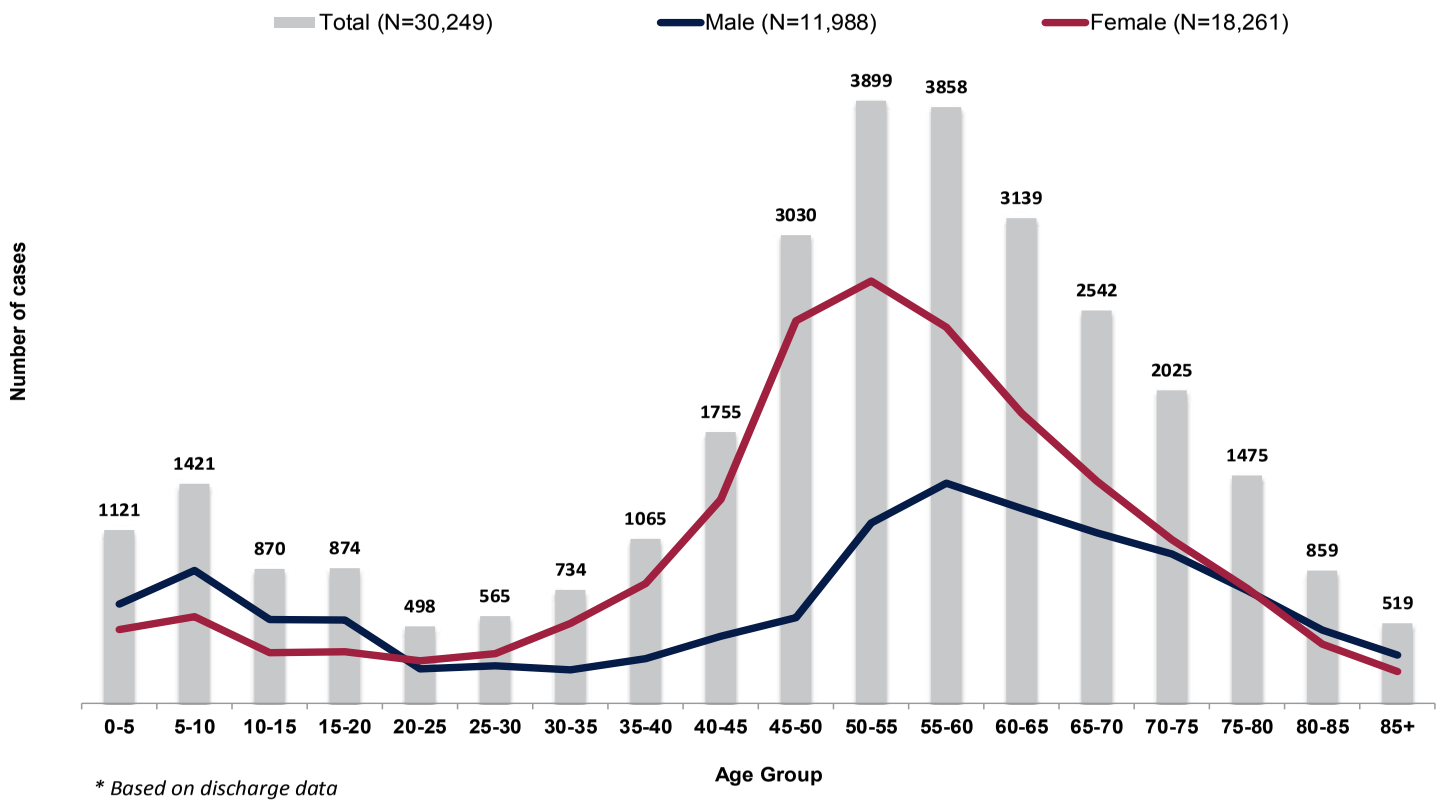
Graph C.8: Percent expenditure on drugs by the MOPH by major disease categories, 2017



Source: Report based on Drug Dispensary Center (DDC) and pharmaceutical spending data, 2017

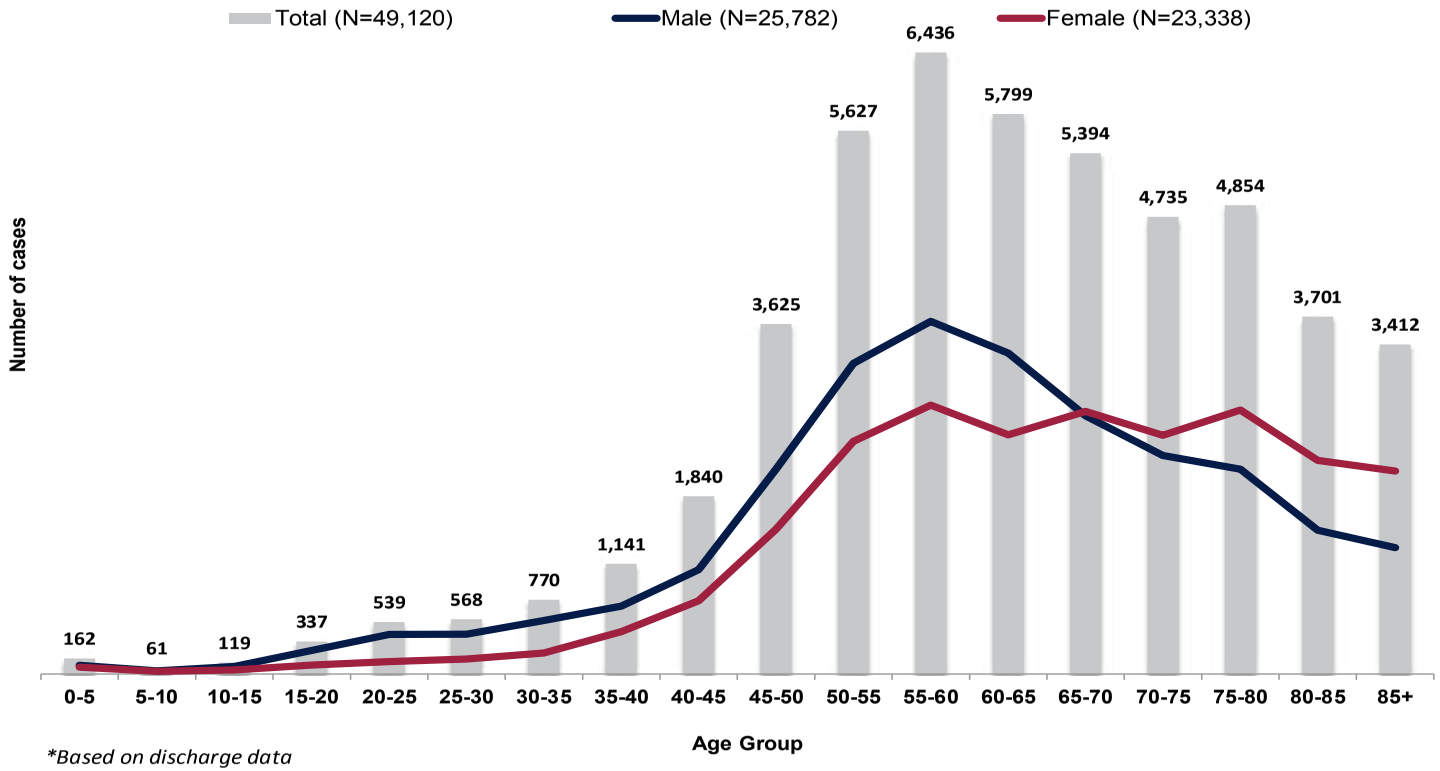
D- Epidemiology

Graph D.1: MOPH subsidized hospitalized* neoplasms cases by gender and age group, 2017**



** Based on discharge data*
*** ICD 10 - Codes: COO-D48*
Source: Hospital billing database, IT department, MOPH.

Graph D.2: MOPH subsidized hospitalized* cardiovascular cases by gender and age group, 2017**

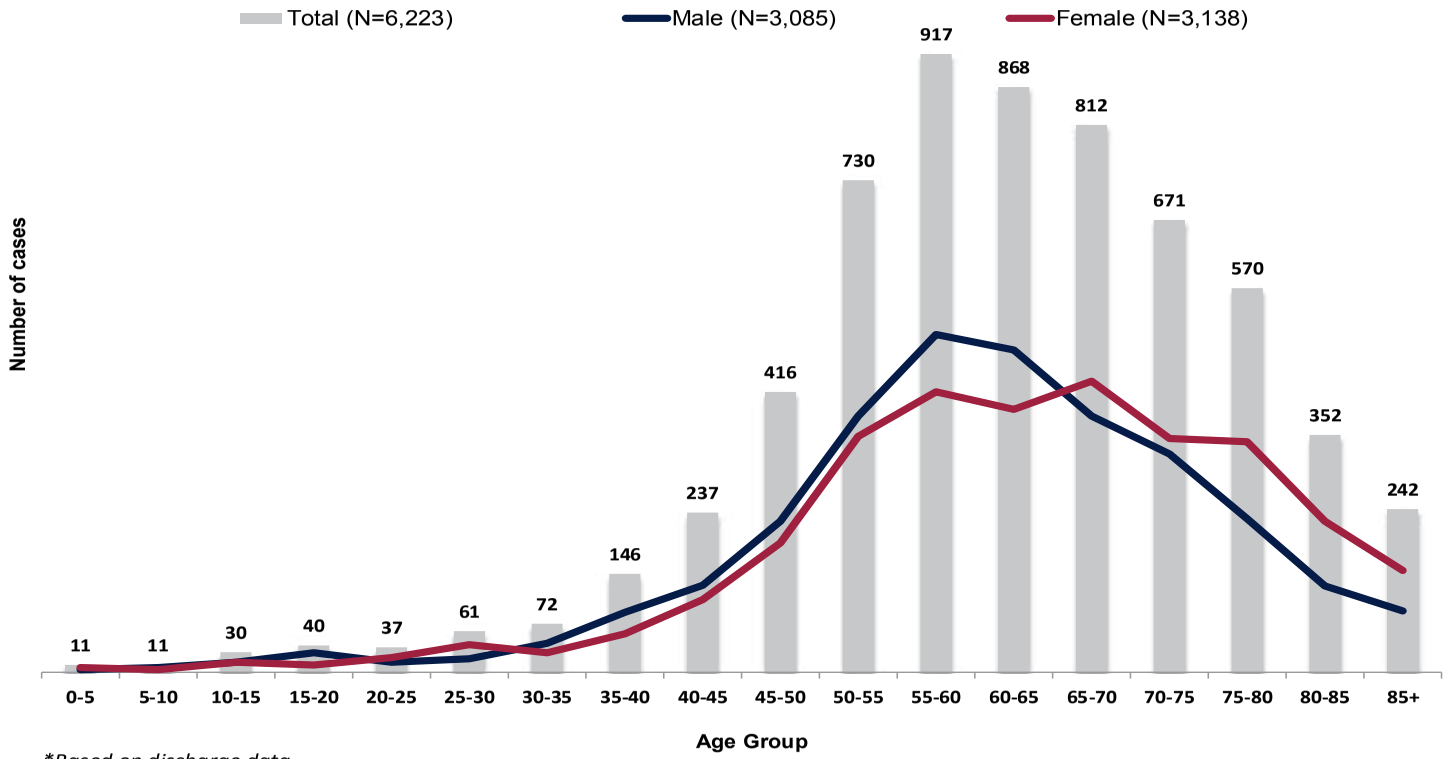


*Based on discharge data

**ICD10 codes: I00-I99

Source: Hospital billing database, IT department, MOPH.

Graph D.3: MOPH subsidized hospitalized* diabetes mellitus cases by gender and age group, 2017**

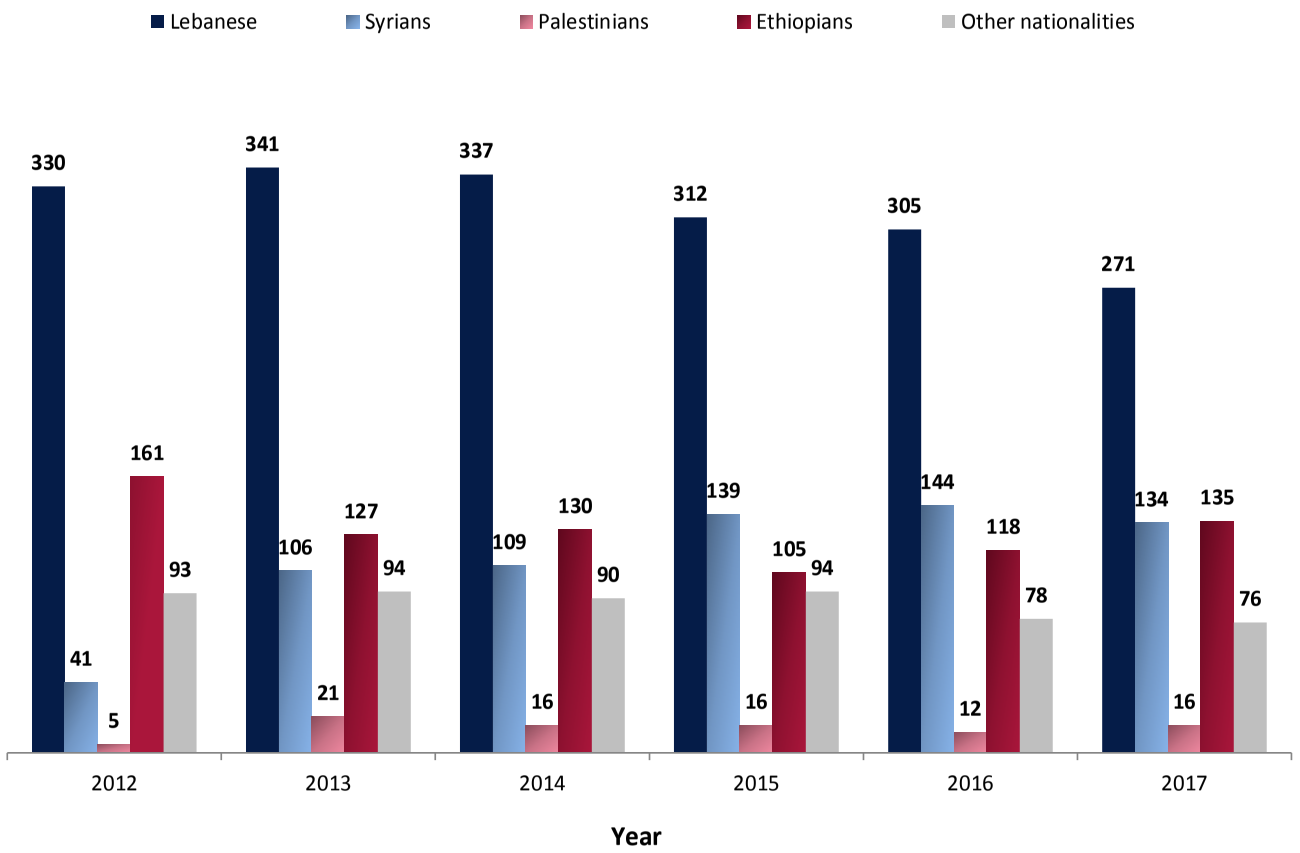


*Based on discharge data

**ICD10 codes: E10-E14

Source: Hospital billing database, IT department, MOPH.

Graph D.4: The trend in tuberculosis cases by nationality between 2012 and 2017



Source: The National Tuberculosis Program, MOPH.

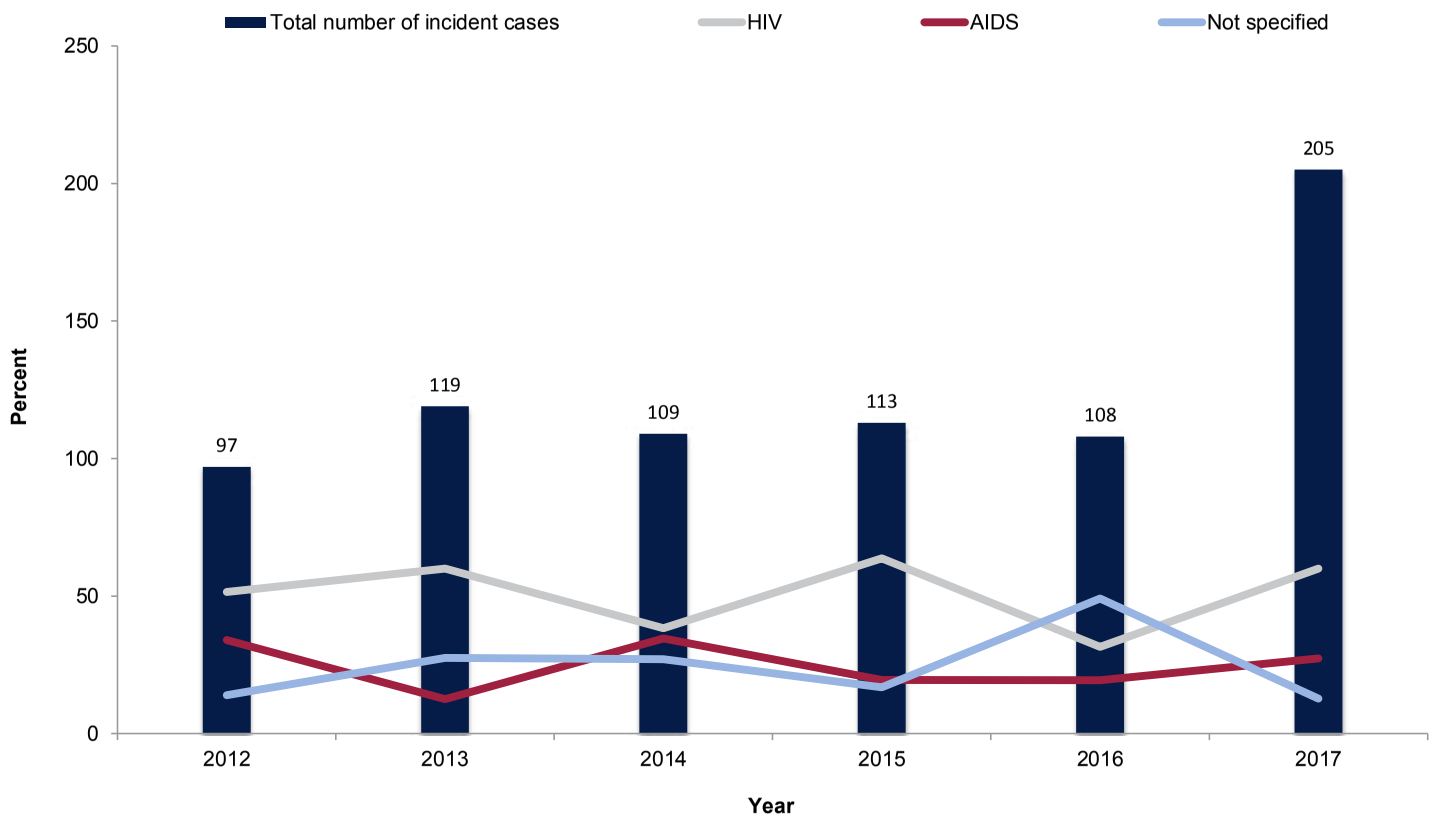
Table D.1: HIV/AIDS estimated incidence in Lebanon, 2017

Number of incident cases in 2017 is 205 The estimated incidence rate is 4.25 per 100,000*	
	N (%)
Stages of the Disease	
HIV	123(60%)
AIDS	56(27.3%)
Not specified	26(12.7%)
Gender	
Males	193(94.1%)
Females	12(5.9%)
Age Group	
0-14	0 (0)
15-29	76(37.1%)
30-49	96(46.8%)
>50	21(10.2%)
Unspecified	12(5.9%)
Mode of Transmission	
Sexual	205(100%)
Transfusion	0 (0)
IDU	0 (0)
Perinatal	0 (0)
Not specified	0(0%)
Sexual Behavior	
Homosexual	111(54.1%)
Bisexual	1(0.5%)
Heterosexual	73(35.6%)
Not specified	20(9.8%)
Travel History	
yes	12(5.9%)
no	193(94.1%)
ART	
New in 2017	Cumulative
186	1304

**Calculated only for the lebanese population using an estimated population for 2017 of 4,420,713 as denominator.*

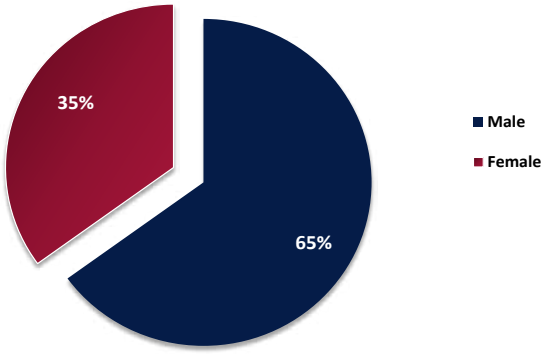
Source: National AIDS Program (NAP), MOPH

Graph D.5: The trend in incident cases of HIV/AIDS between 2012 and 2017

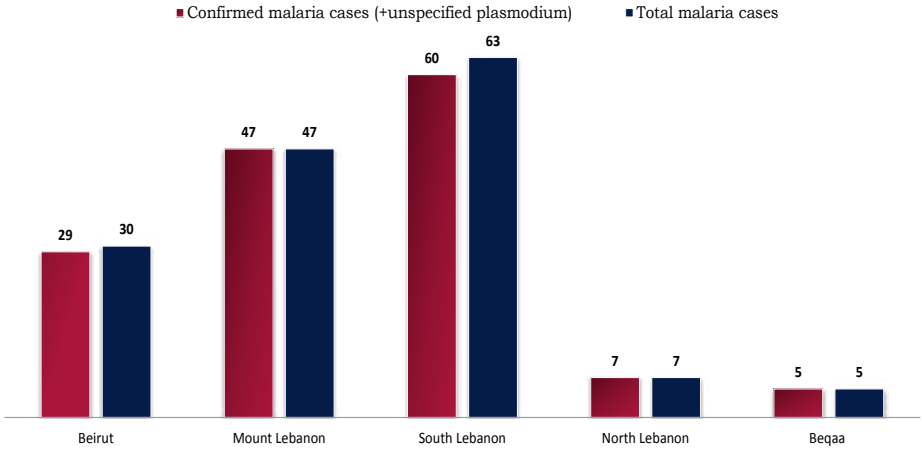


Source: National AIDS Program (NAP), MOPH.

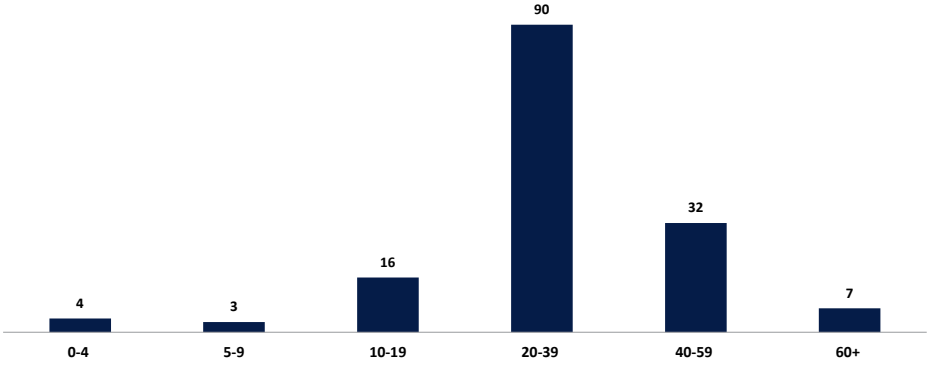
Graph D.6: Reported cases of malaria by gender, 2017



Graph D.7: Confirmed malaria cases by Mohafaza, 2017

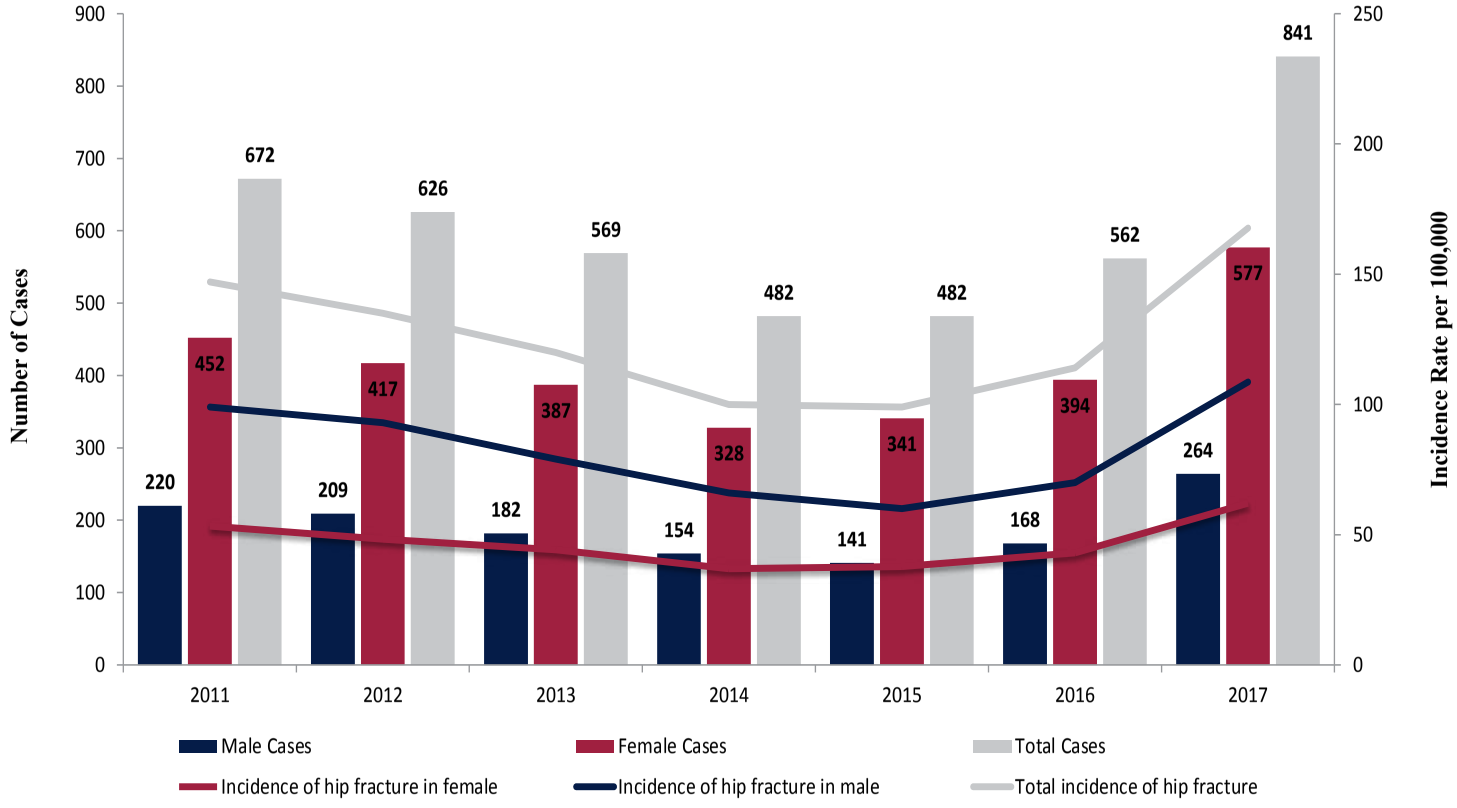


Graph D.8: Reported cases of malaria by age group, 2017



Source: Malaria Eradicated Bureau, MOPH.

Graph D.9: Hip fracture cases* and incidence rate among MOPH eligible population by gender, 2011-2017

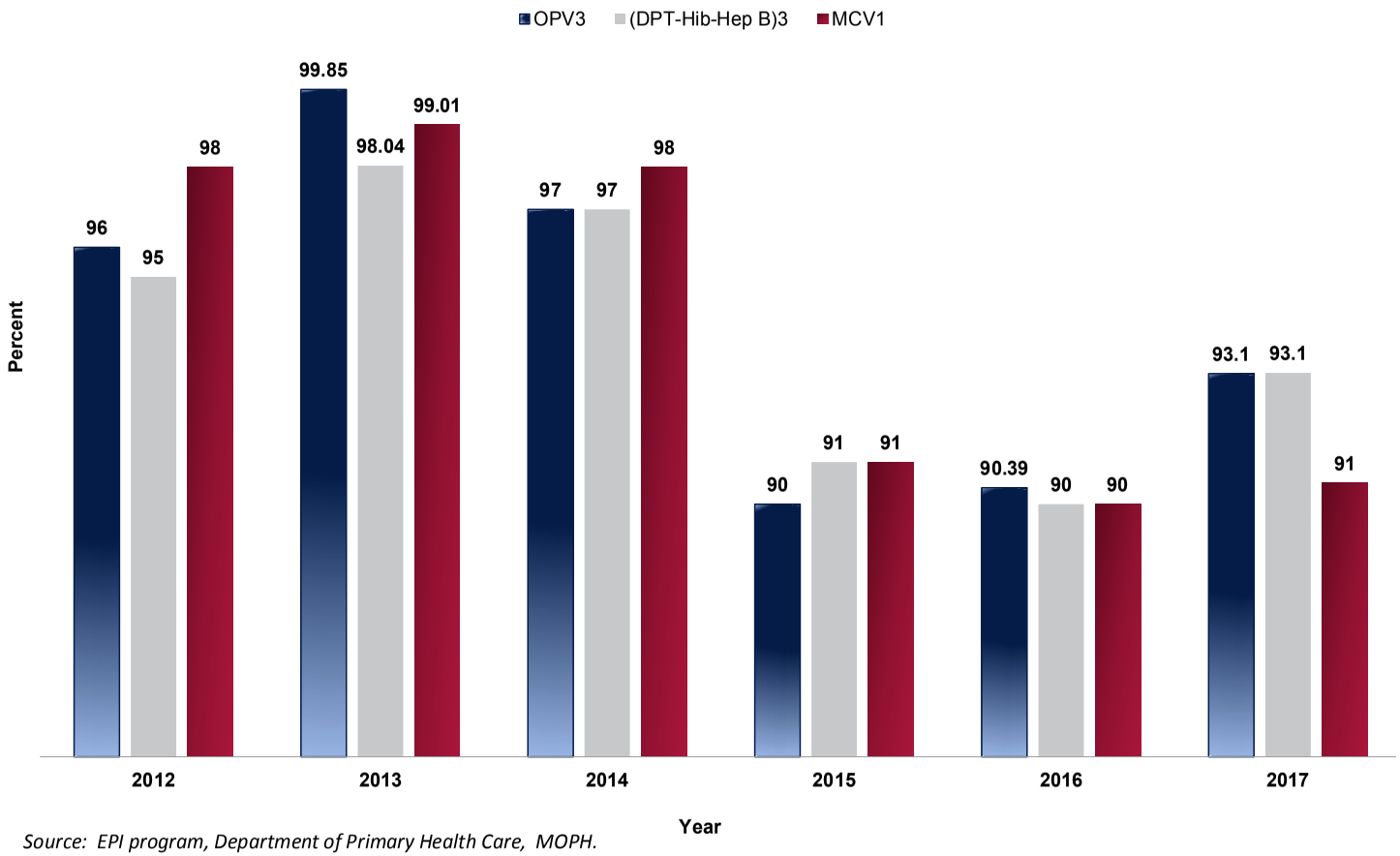


*ICD10 codes: S72.0, S72.1, S72.2

Source: Hospital billing database, IT Department, MoPH

E- Vaccination and Campaigns

Graph E.1: National immunization coverage rates by polio, measles and pentavalent vaccines, 2012-2017



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

F- Diseases' Surveillance Data

Graph F.1: Cases of notifiable diseases reported to the MOPH epidemiological surveillance unit by month, 2017

	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Vaccine Preventable Diseases													
Acute Flaccid Paralysis	**77**	9	14	8	5	9	3	9	1	6	4	4	5
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	**126**	6	8	29	10	17	11	8	4	2	6	8	17
Mumps	**235**	10	12	63	26	43	21	5	11	7	11	15	11
Pertussis	**92**	4	12	10	8	7	10	12	10	4	8	2	5
Rabies	**1**	0	0	0	0	0	0	0	0	1	0	0	0
Rubella	**10**	0	1	0	0	4	1	2	1	1	0	0	0
Tetanus	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Tetanus neonatal	**1**	0	0	0	0	0	0	0	0	0	1	0	0
Viral Hepatitis B	**321**	24	45	32	33	28	22	19	26	9	41	25	17
Food & Water Borne Diseases													
Brucellosis	**460**	23	32	32	66	58	39	67	47	36	30	16	14
Cholera	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Dysentery	**384**	13	20	13	13	24	21	51	87	58	38	29	17
Food Poisoning	**490**	11	1	43	17	44	73	59	169	25	20	8	20
Hydatic Cyst	**18**	2	0	1	3	2	1	4	0	1	1	1	2
Parasitic Worms	**4**	0	0	0	0	0	0	0	0	0	1	2	1
Trichinosis	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	**656**	40	28	57	46	54	54	69	94	76	60	51	27
Viral Hepatitis A	**776**	61	44	32	35	69	44	46	81	80	108	107	69
Other Diseases													
Bilharziasis	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Creutzfeld Jakob Disease	**3**	0	1	0	0	0	1	0	0	1	0	0	0
Ebola	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Gonorrhea	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Leishmaniasis	**140**	15	15	44	22	8	6	13	5	3	9	0	0
Leprosy	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Meningitis	**366**	18	21	29	22	45	33	43	33	32	36	20	34
Plague	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis	**34**	4	5	3	2	2	0	3	1	3	5	5	1
Typhus	**3**	0	0	1	0	0	1	0	0	0	1	0	0
Viral Hepatitis C	**130**	10	13	7	12	9	8	11	13	8	20	10	9
Yellow Fever	**0**	0	0	0	0	0	0	0	0	0	0	0	0

Source: Epidemiological Surveillance Unit, MOPH.

Graph F.2: Cases of notifiable diseases reported to the MOPH epidemiological surveillance unit by age groups and gender, 2017

	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	**77**	43	26	8	0	0	0	0	42	35	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	**126**	59	22	9	31	1	0	4	57	69	0
Mumps	**235**	64	62	79	16	3	0	11	116	119	0
Pertussis	**92**	65	4	2	2	1	0	18	57	35	0
Rabies	**1**	0	1	0	0	0	0	0	1	0	0
Rubella	**10**	5	1	1	3	0	0	0	2	8	0
Tetanus	**0**	0	0	0	0	0	0	0	0	0	0
Tetanus neonatal	**1**	1	0	0	0	0	0	0	1	0	0
Viral Hepatitis B	**321**	1	0	2	164	76	29	49	207	113	1
Food & Water Borne Diseases											
Brucellosis	**460**	11	15	46	90	61	33	204	223	237	0
Cholera	**0**	0	0	0	0	0	0	0	0	0	0
Dysentery	**384**	109	54	45	39	54	67	16	197	187	0
Food Poisoning	**490**	38	55	75	104	53	16	149	216	269	5
Hydatic Cyst	**18**	0	1	1	10	4	2	0	7	11	0
Parasitic Worms	**4**	0	0	0	1	1	0	2	3	1	0
Trichinosis	**0**	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	**656**	228	59	71	125	73	84	16	331	325	0
Viral Hepatitis A	**776**	136	153	207	230	28	5	17	450	326	0
Other Diseases											
Bilharziasis	**0**	0	0	0	0	0	0	0	0	0	0
Creutzfeld Jakob Disease	**3**	0	0	0	0	1	2	0	0	3	0
Ebola	**0**	0	0	0	0	0	0	0	0	0	0
Gonorrhea	**0**	0	0	0	0	0	0	0	0	0	0
Leishmaniasis	**140**	32	35	21	40	8	3	1	72	68	0
Leprosy	**0**	0	0	0	0	0	0	0	0	0	0
Meningitis	**366**	163	39	44	55	35	25	5	223	143	2
Plague	**0**	0	0	0	0	0	0	0	0	0	0
Syphilis	**34**	0	0	1	24	3	1	5	20	14	0
Typhus	**3**	0	1	0	2	0	0	0	1	2	0
Viral Hepatitis C	**130**	0	0	1	46	30	17	36	108	21	1
Yellow Fever	**0**	0	0	0	0	0	0	0	0	0	0

Source: Epidemiological Surveillance Unit, MOPH.

Graph F.3: Cases of notifiable diseases reported to the MOPH epidemiological surveillance unit by Mohafaza, 2017

	Total	North	Beqaa	Nabatiyeh	South	Mount-Lebanon	Beirut	Unknown
Vaccine Preventable Diseases								
Acute Flaccid Paralysis	**77**	11	20	10	11	17	8	0
Acute Poliomyelitis	**0**	0	0	0	0	0	0	0
Diphtheria	**0**	0	0	0	0	0	0	0
Measles	**126**	19	18	1	12	52	22	2
Mumps	**235**	2	33	6	118	40	16	20
Pertussis	**92**	14	29	6	1	29	7	6
Rabies	**1**	1	0	0	0	0	0	0
Rubella	**10**	2	2	0	0	6	0	0
Tetanus	**0**	0	0	0	0	0	0	0
Tetanus neonatal	**1**	0	0	0	0	1	0	0
Viral Hepatitis B	**321**	8	12	19	55	106	21	100
Food & Water Borne Diseases								
Brucellosis	**460**	14	318	36	27	28	10	27
Cholera	**0**	0	0	0	0	0	0	0
Dysentery	**384**	52	44	7	42	197	4	38
Food Poisoning	**490**	41	245	32	32	122	11	7
Hydatic Cyst	**18**	2	9	1	4	1	1	0
Parasitic Worms	**4**	0	1	0	0	3	0	0
Trichinosis	**0**	0	0	0	0	0	0	0
Typhoid Fever	**656**	71	80	54	50	231	107	63
Viral Hepatitis A	**776**	41	463	51	41	101	27	52
Other Diseases								
Bilharziasis	**0**	0	0	0	0	0	0	0
Creutzfeld Jakob Disease	**3**	0	0	0	0	0	2	1
Ebola	**0**	0	0	0	0	0	0	0
Gonorrhea	**0**	0	0	0	0	0	0	0
Leishmaniasis	**140**	4	126	1	1	6	1	1
Leprosy	**0**	0	0	0	0	0	0	0
Meningitis	**366**	63	62	29	31	132	43	6
Plague	**0**	0	0	0	0	0	0	0
Syphilis	**34**	0	1	0	12	10	2	9
Typhus	**3**	0	0	0	1	2	0	0
Viral Hepatitis C	**130**	8	10	4	14	30	14	50
Yellow Fever	**0**	0	0	0	0	0	0	0

Source: Epidemiological Surveillance Unit, MOPH. (on 16-6-2017)

G- Vital Data Observatory "VDO" (Previously known as Maternal Neonatal Mortality Notification system "MNMNS")

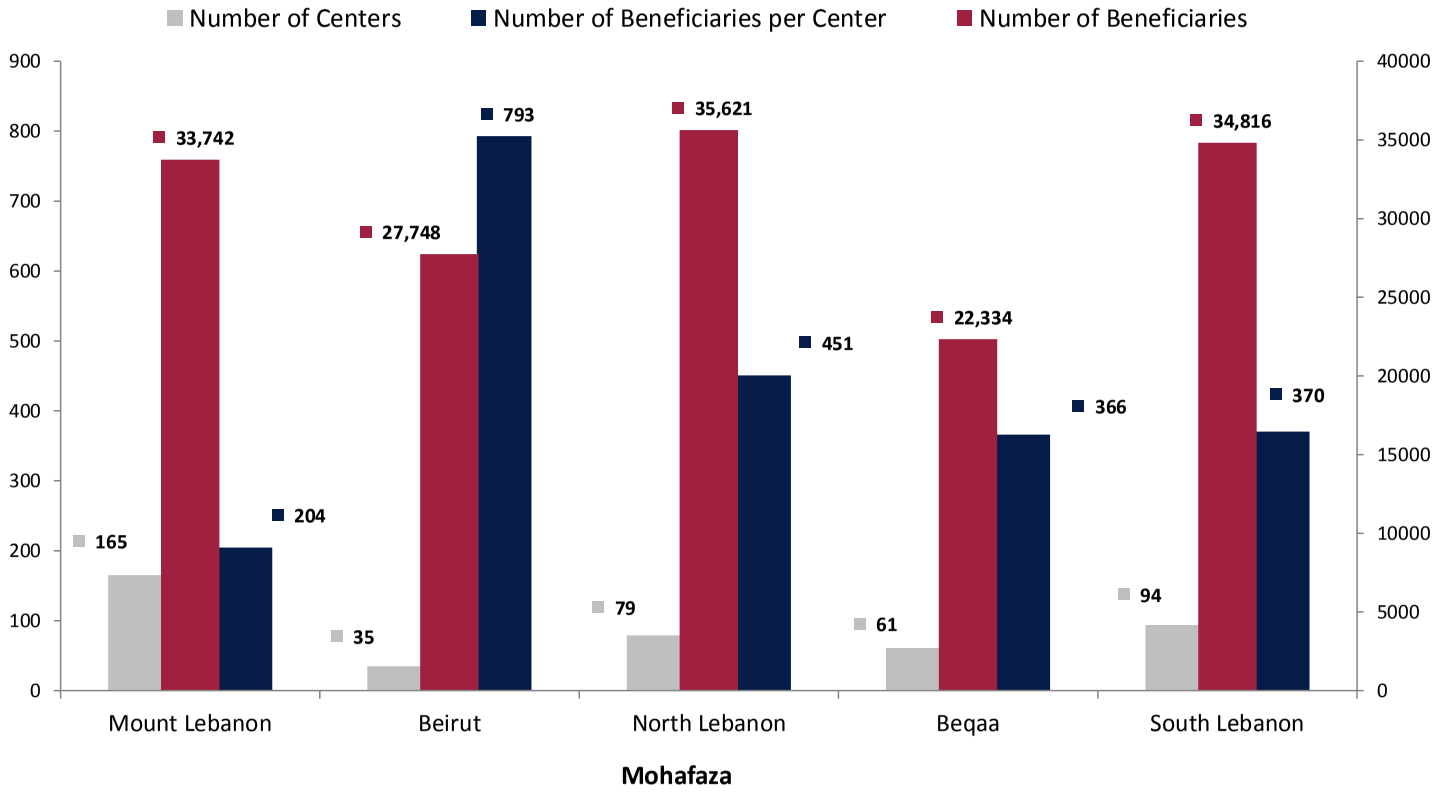
Table G.1: Vital Data Observatory (VDO) statistics by Qada and nationality, 2017

Qada	Deliveries		Vaginal Deliveries		Ceasarian Sections		Newborns		Live Births		Live Births less than 2.5 kg		Birth Defects		StillBirths		IUFD		Neonatal Deaths		Early 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	L	NL	L	NL
Aakkar	5,517	2,923	3,632	2,089	1,885	834	5,602	2,937	5,523	2,894	318	371	56	42	6	1	73	42	12	21	11	13	1	0
Minieh-Danniyeh	1,082	2,523	805	2,035	277	488	1,098	2,515	1,084	2,506	44	73	3	3	2	2	12	7	1	5	1	5	0	1
Tripoli	8,582	5,882	4,648	3,971	3,934	1,911	8,621	6,027	8,545	5,993	602	564	59	17	14	13	62	21	13	7	11	7	0	2
Zgharta	1,898	232	651	68	1,247	164	1,976	213	1,956	209	233	29	12	2	5	0	15	4	10	1	8	1	0	0
Koura	1,917	496	933	235	984	261	2,007	484	1,985	477	190	54	10	1	3	2	19	5	11	1	9	1	0	0
Bcharreh	29	41	14	28	15	13	28	42	27	42	0	0	0	0	0	0	1	0	1	0	1	0	0	0
Batroun	136	69	54	40	82	29	139	70	136	68	7	8	0	1	1	2	2	0	1	1	1	1	0	0
Hermel	957	753	144	373	813	380	964	769	955	759	43	46	3	0	6	9	3	1	1	0	1	0	0	0
Baalbek	3,278	2,024	784	1,252	2,494	772	3,359	2,035	3,323	2,018	410	229	13	9	6	4	30	13	38	23	31	19	0	2
Zahleh	5,519	8,775	1,673	5,965	3,846	2,810	5,558	8,923	5,492	8,769	455	761	18	55	10	16	56	138	8	31	8	24	1	1
Rachaiya	344	306	151	246	193	60	347	309	344	303	4	3	2	0	3	6	0	0	0	0	0	0	0	0
West Beqaa	380	3,926	119	2,355	261	1,571	375	3,988	363	3,912	26	347	1	4	3	0	9	76	0	0	0	0	0	1
Nabatiyeh	3,539	1,337	1,217	785	2,322	552	3,622	1,336	3,596	1,330	347	105	24	14	6	0	20	6	21	8	12	7	0	0
Hasbaiya	132	128	45	86	87	42	134	128	133	128	5	6	0	0	0	0	1	0	0	1	0	1	0	0
Marjaayoun	658	430	229	302	429	128	656	440	640	439	27	16	0	1	3	1	13	0	1	0	1	0	0	0
Bent Jbayl	748	493	412	396	336	97	751	497	742	480	77	15	7	5	5	11	4	6	2	0	2	0	0	0
Saida	4,778	7,330	1,950	4,206	2,828	3,124	4,812	7,571	4,749	7,456	495	991	15	65	13	29	50	86	48	135	38	115	2	1
Sour	3,062	2,550	1,284	1,502	1,778	1,048	3,226	2,487	3,208	2,457	291	226	22	4	3	8	15	22	16	14	13	13	0	2
Jezzine	0	3	0	2	0	1	0	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jbayl	1,369	136	558	104	811	32	1,443	123	1,425	117	191	22	20	0	4	1	14	5	4	1	3	1	0	0
Keserwan	1,202	1,567	496	943	706	624	1,238	1,568	1,231	1,540	148	245	14	6	2	5	5	23	4	5	3	3	0	0
Matn	4,553	1,785	1,624	1,022	2,929	763	4,775	1,746	4,734	1,733	581	119	21	1	9	5	32	8	11	4	10	4	0	0
Baabda	9,343	4,677	3,957	2,879	5,386	1,798	9,691	4,653	9,589	4,534	851	417	107	91	16	14	86	105	59	58	39	49	2	5
Aaley	253	1,920	124	1,448	129	472	260	1,931	260	1,924	12	60	0	0	0	2	0	5	0	0	0	0	0	0
Chouf	1,188	4,590	535	2,990	653	1,600	1,222	4,617	1,195	4,551	107	593	5	15	3	15	24	51	7	56	7	48	0	0
Beirut	7,786	713	3,498	406	4,288	307	8,196	630	8,095	625	979	70	71	3	31	1	70	4	28	1	20	1	0	0
Total	**68,250**	**55,609**	**29,537**	**35,728**	**38,713**	**19,881**	**70,100**	**56,042**	**69,330**	**55,267**	**6,443**	**5,370**	**483**	**339**	**154**	**147**	**616**	**628**	**297**	**373**	**230**	**313**	**6**	**15**

L= Lebanese; NL=Non-Lebanese
Source: Vital Data Observatory (VDO), MOPH

H- Medication for Chronic Illnesses Program: the YMCA Records

Graph H.1: Socio-medical centers and beneficiaries per center by Mohafaza, latest figures, 2016



Source: Chronic drugs program, MOPH, YMCA

I- National Health Accounts

Table I.1: National health accounts of Lebanon, 2015-Summary table

Amounts in 000 LL

FINANCING INTERMEDIARIES	FUNDING SOURCES					EXPENDITURES
	Households		Employer	Treasury	Extra budgetary	
	Fees for Services (out of pocket)	Contributions/ Premiums	Contributions/ Premiums		Donations / Loans	
Ministry of Public Health				671,622,282		671,622,282
National Social Security Fund		173,369,763	606,794,171	260,054,645		1,040,218,580
Civil Servants Cooperative		31,729,960		173,641,952		205,371,912
Army				331,593,882		331,593,882
Internal Security Forces				140,814,982		140,814,982
State Security Forces				9,098,249		9,098,249
Customs				9,490,162		9,490,162
General Security Forces				31,692,400		31,692,400
Mutual Funds Public		40,600,000		61,000,000		101,600,000
Mutual Funds Private		178,088,855				178,088,855
Private Insurances		476,495,623	379,740,897			856,236,520
International Organizations					180,900,000	180,900,000
Households	1,825,122,001					1,825,122,001
TOTAL	**1,825,122,001**	**900,284,202**	**986,535,068**	**1,689,008,554**	**180,900,000**	**5,581,849,825**
%Total Health Expenditure	**32.70**	**16.13**	**17.67**	**30.26**	**3.24**	**100**

GDP (2015, CAS)	75,336,000,000
THE%GDP 2015	7.41
Public	30.26
Private	66.50
Households(OOP and contributions)	*48.83*
OOP	*32.70*
Contributions	*16.13*
Employers (contributions)	*17.67*
Donors	3.24

* USD exchange rate= 1507.5 LBP

Source: National Health Accounts 2015 (based on the new System of Health Accounts SHA2011), MOPH.

Table I.2: National health accounts of Lebanon, 2015-Financing agents to providers

Amounts in 000 LL

		Government of Lebanon							Other Public		Private Sector			Donors	Total
		MOH	CSC	Army	ISF	GSF	Customs	SSF	NSSF	Mutual Public	Mutual Private	Private Insurance	HH	Donors	
HP.1	**Hospitals**	**412,966,162**	**95,420,640**	**237,053,748**	**95,902,822**	**15,339,148**	**4,782,000**	**4,238,355**	**579,260,557**	**47,244,000**	**120,592,560**	**422,554,445**	**418,865,499**	-	**2,454,219,936**
HP.1.1	General hospitals	411,410,514	95,420,640	228,386,409		15,284,594	4,782,000	4,238,355	579,260,557	47,244,000	120,592,560	422,554,445	418,865,499		**2,348,039,573**
HP.1.2	Mental health hospitals	596,119		732,694		54,554									**1,383,367**
HP.1.3	Specialised hospitals (other than mental health hospitals)	959,529		7,934,645											**8,894,174**
HP.2	**Residential long-term care facilities**	**42,257,692**	-	**1,056,754**	-	-	-	-	-	-	-	-	-		**43,314,446**
HP.2.1	Long-term nursing care facilities	19,708,525		1,056,754											**20,765,279**
HP.2.2	Mental health and substance abuse facilities	17,636,431													**17,636,431**
HP.2.9	Other residential long-term care facilities	4,912,736													**4,912,736**
HP.3	**Providers of ambulatory health care**	**2,527,252**	**25,387,474**	**3,062,705**	**3,322,242**	**1,323,087**	**513,007**	**318,494**	**64,074,420**	**12,700,000**	**651,852**	**2,284,078**	**281,616,325**	-	**397,780,936**
HP.3.1	Medical practices		14,857,756		1,871,360	620,610	288,968	133,630	64,032,684	7,620,000	651,852	2,284,078	152,945,224		**245,306,162**
HP.3.2	Dental practice		10,529,718	397,281	1,450,882	596,422	224,039	184,864		5,080,000			128,671,101		**147,134,307**
HP.3.3	Other health care practitioners					106,055			41,736						**147,791**
HP.3.4	Ambulatory health care centres	2,527,252		2,665,424											**5,192,676**
HP.3.5	Providers of home health care services														**-**
HP.4	**Providers of ancillary services**	**8,101,200**	**14,857,756**	**4,103,789**	**1,210,608**	**1,720,303**	**472,856**	**732,665**	**64,799,178**	**7,112,000**	**16,296,292**	**57,101,952**	-	-	**176,508,599**
HP.4.1	Providers of patient transportation and emergency rescue	4,467,419													**4,467,419**
HP.4.2	Medical and diagnostic laboratories	3,633,781	14,857,756	4,103,789	1,210,608	1,720,303	472,856	732,665	64,799,178	7,112,000	16,296,292	57,101,952			**172,041,180**
HP.4.9	Other providers of ancillary services														**-**
HP.5	**Retailers and other providers of medical goods**	**142,195,414**	**62,118,638**	**53,549,000**	**38,435,119**	**10,962,277**	**3,722,299**	**2,981,651**	**261,314,661**	**30,480,000**	**10,918,516**	**38,258,308**	**982,463,173**	-	**1,637,399,056**
HP.5.1	Pharmacies	141,841,794	62,118,638	53,549,000	35,950,224	10,644,525	3,705,175	2,973,732	261,314,661	30,480,000	10,918,516	38,258,308	927,709,513		**1,579,464,086**
HP.5.1.1	Chemotherapy Drugs	59,318,238													**59,318,238**
HP.5.1.2	All Other Medications	82,523,556													**82,523,556**
HP.5.2	Retail sellers and other suppliers of durable medical goods and medical appliances	353,620			2,484,895	317,752	17,124	7,919					54,753,660		**57,934,970**
HP.5.9	All other miscellaneous sellers and other suppliers of pharmaceuticals and medical goods														**-**
HP.6	**Providers of preventive care**	**6,147,948**													**6,147,948**
HP.7	**Providers of health care system administration and financing**	**53,312,696**	**7,587,404**	**30,000,000**	**1,944,191**	**2,347,585**	-	**827,084**	**70,769,764**	**4,064,000**	**15,125,935**	**285,217,000**	-	-	**471,195,659**
HP.7.1	Government health administration agencies	53,312,696			1,944,191	2,347,585		827,084	70,769,764						**129,201,320**
HP.7.2	Social health insurance agencies		7,587,404							4,064,000					**11,651,404**
HP.7.3	Private health insurance administration agencies										15,125,935	285,217,000			**300,342,935**
HP.7.9	Other administration agencies														**-**
HP.8	**Rest of economy**	-	-	**1,567,886**	-	-	-	-	-	-	**14,503,700**	**50,820,737**	-	-	**66,892,323**
HP.8.1	Households as providers of home health care														**-**
HP.8.2	All other industries as secondary providers of health care														**-**
HP.8.9	Other industries n.e.c.			1,567,886							14,503,700	50,820,737			**66,892,323**
HP.9	**Rest of the world**			**1,200,000**											**1,200,000**
HP.nec	**Unspecified health care providers**	**4,113,918**											**142,177,004**	**180,900,000**	**327,190,922**
Total		**671,622,282**	**205,371,912**	**331,593,882**	**140,814,982**	**31,692,400**	**9,490,162**	**9,098,249**	**1,040,218,580**	**101,600,000**	**178,088,855**	**856,236,520**	**1,825,122,001**	**180,900,000**	**5,581,849,825**

Source: National Health Accounts 2015 (based on the new System of Health Accounts SHA 2011), MOPH.

Table I.3: National health accounts of Lebanon, 2015-Financing agents to functions

Amounts in 000 LL

		Government of Lebanon							Other Public		Private Sector			Donors	Total
		MOH	CSC	Army	ISF	GSF	Customs	SSF	NSSF	Mutual Public	Mutual Private	Private Insurance	HH	Donors	
HC.1	**Curative care**	**474,811,652**	**120,808,114**	**240,116,453**	**99,225,064**	**16,556,180**	**5,295,007**	**4,556,849**	**643,334,977**	**59,944,000**	**122,531,819**	**428,349,577**	**700,481,824**	**-**	**2,917,011,516**
HC.1.1	Inpatient curative care	316,945,619	95,420,640	237,053,748	95,902,822	15,339,148	4,782,000	4,238,355	575,350,033	47,244,000	106,952,564	374,760,111	418,865,499		**2,292,854,539**
HC.1.2	Day curative care	151,257,580									13,183,700	46,195,479			**210,636,759**
HC.1.3	Outpatient curative care	6,608,453	25,387,474	3,062,705	3,322,242	1,217,032	513,007	318,494	67,984,944	12,700,000	2,395,555	8,393,987	281,616,325		**413,520,218**
HC.1.4	Home-based curative care														**-**
HC.2	**Rehabilitative care**	**22,549,167**	**-**	**-**	**-**	**106,055**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**22,655,222**
HC.2.1	Inpatient rehabilitative care	22,549,167													**22,549,167**
HC.2.2	Day rehabilitative care														**-**
HC.2.3	Outpatient rehabilitative care					106,055									**106,055**
HC.2.4	Home-based rehabilitative care														**-**
HC.3	**Long-term care (health)**	**19,708,525**	**-**	**1,056,754**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**20,765,279**
HC.3.1	Inpatient Long-term care (health)	19,708,525		1,056,754											**20,765,279**
HC.3.2	Day long-term care (health)														**-**
HC.3.3	Outpatient long-term care (health)														**-**
HC.3.4	Home-based long-term care (health)														**-**
HC.4	**Ancillary services (non-specified by function)**	**8,101,200**	**14,857,756**	**4,103,789**	**1,210,608**	**1,720,303**	**472,856**	**732,665**	**64,799,178**	**7,112,000**	**26,416,290**	**92,562,264**	**-**	**-**	**222,088,909**
HC.4.1	Laboratory services		8,023,188						35,098,135	4,064,000	17,567,403	61,555,904			**126,308,630**
HC.4.2	Imaging services	3,633,781	6,834,568						29,701,043	3,048,000	8,848,887	31,006,360			**83,072,639**
HC.4.3	Patient transportation	4,467,419													**4,467,419**
HC.5	**Medical goods (non-specified by function)**	**82,877,176**	**62,118,638**	**53,549,000**	**38,435,119**	**10,962,277**	**3,722,299**	**2,981,651**	**261,314,661**	**30,480,000**	**10,951,108**	**38,372,512**	**982,463,173**	**-**	**1,578,227,614**
HC.5.1	Pharmaceuticals and other medical non-durable goods	82,523,556	62,118,638	53,549,000	35,950,224	10,644,525	3,705,175	2,973,732	261,314,661	30,480,000	10,951,108	38,372,512	927,709,513		**1,520,292,644**
HC.5.2	Therapeutic appliances and other medical durable goods	353,620			2,484,895	317,752	17,124	7,919					54,753,660		**57,934,970**
HC.6	**Preventive care**	**6,147,948**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**6,147,948**
HC.6.1	Information, education and counselling (IEC) programmes	521,578													**521,578**
HC.6.2	Immunisation programmes	5,022,730													**5,022,730**
HC.6.3	Early disease detection programmes	187,740													**187,740**
HC.6.4	Healthy condition monitoring programmes														**-**
HC.6.5	Epidemiological surveillance and risk and disease control programmes	415,900													**415,900**
HC.6.6	Preparing for disaster and emergency response programmes														**-**
HC.6.nec	Other preventive care services														**-**
HC.7	**Governance, and health system and financing administration**	**53,312,696**	**7,587,404**	**30,000,000**	**1,944,191**	**2,347,585**	**-**	**827,084**	**70,769,764**	**4,064,000**	**15,125,935**	**285,217,000**	**-**	**-**	**471,195,659**
HC.7.1	Governance and Health system administration	53,312,696	7,587,404	30,000,000				827,084	70,769,764	4,064,000	15,125,935	285,217,000			**466,903,883**
HC.7.2	Administration of health financing				1,944,191	2,347,585									**4,291,776**
HC.9	**Other health care services not elsewhere classified**	**4,113,918**		**2,767,886**							**3,063,703**	**10,735,167**	**142,177,004**	**180,900,000**	**343,757,678**
Total		**671,622,282**	**205,371,912**	**331,593,882**	**140,814,982**	**31,692,400**	**9,490,162**	**9,098,249**	**1,040,218,580**	**101,600,000**	**178,088,855**	**856,236,520**	**1,825,122,001**	**180,900,000**	**5,581,849,825**

Source: National Health Accounts 2015 (based on the new System of Health Accounts SHA2011), MOPH

Acknowledgments

This Bulletin would not have existed without the kind and dedicated collaboration of the following:

- His Excellency the Minister of Public Health, *Mr. Ghassan Hasbani*.
- His Excellency the Director General of the Ministry of Public Health, *Dr. Walid Ammar*.

And colleagues at the:

- Directorate of Preventive Health Care.
- Directorate of Medical Care.
- Service of Pharmacy.
- Department of Accounting.
- Department of Health Education.
- Department of Information Technology.
- Department of Primary Health Care.
- Department of Projects & Programs.
- Quality Assurance of Pharmaceutical Products Program.
- Epidemiological Surveillance Unit.
- Medical Professions Section.
- District Health Departments.
- Expanded Program on Immunization.
- National AIDS Control Program.
- National E-Health Program.
- National Tuberculosis Control Program.
- Malaria Eradication Bureau.

And,

- Ministry of Finance and Financing Agents
- Ministry of Interior and Municipalities.
- Central Administration of Statistics

In Addition to,

- The World Health Organization.
- The World Bank.
- Syndicate of Hospitals.
- Private and Public Hospitals.
- Faculty of Health Sciences - American University of Beirut

Special thanks to the Statistics Department's team: Ms. Carine Al-Sokhn; Ms. Soha Hourani, Ms. Nour Hemadi, Ms. Mathilda Jabbour and Mrs. Alaa Deeb.

Head of Statistics Department

Hilda Harb



النشرة الإحصائية

دائرة الإحصاءات الحيوية والصحية

تلفون 01_843745
وزارة الصحة العامة- بئر حسن

الجمهورية اللبنانية
وزارة الصحة العامة