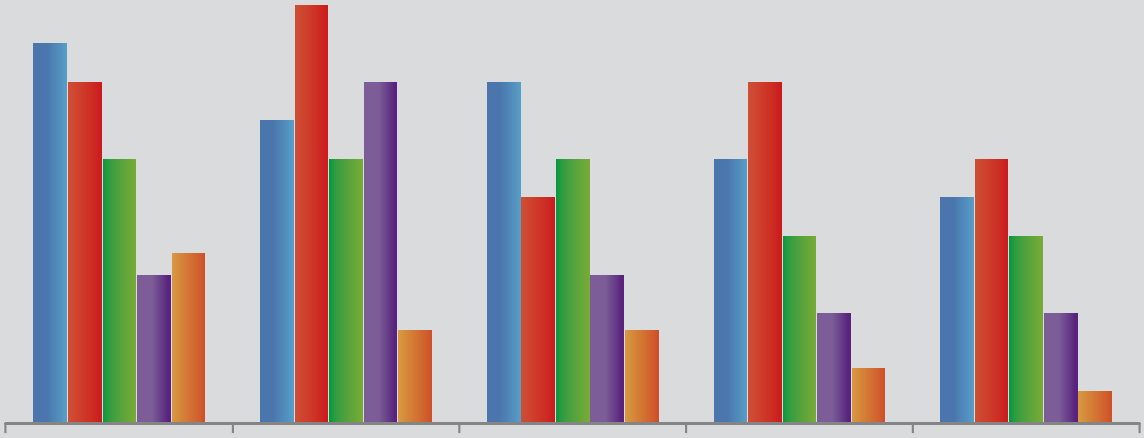
الجمهورية اللبنانية
وزارة الصحة العامة

النشرة الاحصائية

Statistical Bulletin

2018



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الجمهورية اللبنانية
وزارة الصحة العامة
الوزير

مقدمة

تسعى النظم الصحية في العالم إلى ضمان صحة الفرد والتركيز على الوقاية التي اثبتت فعاليتها في تحسين صحة المواطنين وخفض الفاتورة الصحية.

وتشكل الاحصاءات الدعامة الأساسية لمراقبة تقدم النظم الصحية وتصويب الأخطاء ورصد الأولويات في اي دولة كما تتيح مقارنة المناطق مع بعضها البعض، او مقارنة البلد مع البلدان الأخرى.

وتعد النشرة الاحصائية تقريراً سنوياً جامعاً للاحصاءات المتوفرة في وزارة الصحة العامة. وتعزيزا منها للشفافية في القطاع الصحي، تحرص الوزارة على بناء السياسات الصحية المرتكزة إلى الأدلة العلمية وتوزيع الخدمات على المستفيدين وفقاً لآخر المعطيات الإحصائية والوبائية المتوفرة. كما تندرج هذه النشرة ضمن الجهود التي تبذلها الاخيرة في صنع السياسات الصحية المبنية على المعلومات حول التقديمات الصحية وكيفية توزيع الخدمات على الأراضي اللبنانية كافة بغية إشراك المواطن بالقرار وتأمين حقّه بالإطلاع على تطورات القطاع الصحي.

تعمد دائرة الاحصاءات إلى تطوير عملها في سياق تطور دورها عبر ابتكارات جديدة في طريقة العمل تقوم على التعاون بين مختلف الأفرقاء المعنيين بحيث يجري الحصول على المعلومات عبر الاعتماد على نقاط اتصال في المراكز المنتجة للمعلومات، داخل وخارج الوزارة ومنها المستشفيات والجهات الرسمية الضامنة. الى جانب ذلك يتم استحداث تكنولوجيا لإرسال ومعالجة ونشر المعلومات، مما يخفف الحاجة لعدد أكبر من الموظفين ويشكل خطوة ثابتة نحو الحكومة الإلكترونية.

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

أما فيما يتعلق بالوفيات الحاصلة في المستشفيات، ففي العام 2017 تم استحداث "نظام الإبلاغ عن أسباب الوفيات في المستشفيات" بالتعاون مع منظمة الصحة العالمية ونقابة المستشفيات. وفي العامين 2017 و 2018 وصل عدد الوفيات الحاصلة في المستشفيات (الحكومية والخاصة)، والموثقة بأسباب وفاة طبية إلى ما يفوق ال 80% 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.

وتقوم الدائرة بالعمل على الحسابات الصحية الوطنية لإلقاء الضوء على كلفة الفاتوره الصحية إن كان على الدولة أو ما تشكله من عبء على جيب المواطن. أظهرت هذه الحسابات ان كلفة الصحة السنوية للفرد في لبنان تقدّر للعام 2017 ب 936 دولاراً وإجمالي الإنفاق على الصحة يشكل 7.75% من الناتج القومي المحلي منها 33.1% انفاق مباشر من جيب المواطن، بعد ان انخفضت تلك النسبة من 37.3% في العام 2012.

انطلاقاً من ذلك كله، إننا ننوه بالجهود المستمرة لدائرة الاحصاءات والموظفين الذين عملوا على توفير ومعالجة المعلومات، ونخص بالشكر أيضاً منظمة الصحة العالمية على الدعم التقني لإمكانية جعل هذه النشرة بين أيديكم.

وزير الصحة العامة

د. جميل جبق

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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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A- Summary Tables

Table A.1: Selected indicators of Lebanon, 2016 - 2018

	Unit	2016	2017	2018
Health Determinants and Risks				
Demographic and socioeconomic determinants				
Population Estimate*	1000 citizens	4,356	4,421	4,485
Number of registered births		88,996	90,647	89,772
Number of registered deaths		24,617	25,847	25,096
Crude Birth Rate	per 1000 population	20.4	20.5	20.0
Crude Death Rate	per 1000 population	5.7	5.9	5.6
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	9.4	9.5	8.8
Cesarean delivery rate (%)	percent	47	47	47.5
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	7.4
Less than five Mortality Rate	per 1000 Live Births	8.5	9	9.6
Maternal Mortality Ratio	per 100,000 Live Births	21	16.9	13.4
Morbidity				
Measles		44	126	952
Tetanus		2	0	2
Neonatal Tetanus		0	1	0
Acute Flaccid Paralysis		123	77	88
Hepatitis A		519	776	899
Hepatitis B		367	321	253
Hepatitis C		116	130	103
AIDS		21	56	33
Health System Response				
Health Financing				
Total GDP	Billion Leb. Pounds	77,243	80,491	
Allocated to MOPH from Total Gov Budget	percent	2.64	2.96	2.73
Annual Budget of MOPH	Billion Leb. Pounds	643	709	729
Annual Budget of MOPH per capita	$US	98	106	108
Current Health Expenditure (CHE) per capita	$US	930	936	
CHE as % GDP	percent	7.91	7.75	
Out Of Pocket Expenditure as % CHE	percent	32	33.1	
Health Workforce	**per 10,000 population**			
Physicians		31.0	31.3	31.2
Dentists		15.1	15.2	15.6
Pharmacists		18.2	18.9	19.8
Nursing and Midwifery Personnel		34.2	36.4	37.4
Hospital Beds		27.3	-	-
Medicines and Medical devices	**per million population**			
Density of High Tech Equipment				260 (2012)
Service Coverage				
Infants Fully Immunized-DPT	percent immunized	90	93.12	94
Infants Fully Immunized-OPV	percent immunized	90.39	93.1	96
Infants Fully Immunized-Measles	percent immunized	90	91	92
Infants Fully Immunized-Hepatitis B	percent immunized	90	93.12	94
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.

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.

MICS3,2009. CAS/UNICEF

National Health Accounts, 2016-2017, MoPH.

National AIDS Program (NAP), MoPH.

Syndicate Figures calculated for the given population.

Epidemiological Surveillance Unit, MoPH.

Government Budget أرقام الموازنة العامة

** Excluding Palestinian camps and Syrian refugees.*

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

	2018	2017	2016	
نفقات استشفاء في المستشفات الحكومية والخاصة	465,000,000	465,000,000	408,619,512	Hospitalization in Public and Private Hospitals
مستشفيات حكومية	13,000,000	12,000,000	20,000,000	Public Hospitals
ادوية	158,025,000	144,000,000	130,892,800	Drugs
مساهمات للقطاع غير الحكومي	27,222,760	30,221,701	15,975,035	Contributions to NGOs
ألمخصصات والرواتب والأجور	37,194,500	27,139,500	28,256,620	Salaries and Other Employees' Benefits
نفقات اخرى	26,264,614	28,219,574	28,624,419	Other Expenses
الجزء الثاني	2,142,200	1,968,750	10,339,900	Part Two
مجموع موازنة وزارة الصحة العامة	728,849,074	708,549,525	642,708,286	Total MoPH Budget
مجموع الموازنة العامة	23,891,224,583	23,906,048,924	24,355,781,060	Total Government Budget
مجموع الموازنة العامة مع الموازنات الملحقة	26,718,849,626	26,683,109,025	-	Total Government Budget Including Supplementary Budget
ديون متوجبة الأداء	8,214,000,000	7,100,000,000	6,687,000,000	Government Debt
مجموع الموازنة العامة بدون الديون المتوجبة	15,677,224,583	16,806,048,924	17,668,781,060	Total Government Budget Excluding Debt
مجموع الموازنة العامة مع الموازنات الملحقة بدون الديون المتوجبة	18,504,849,626	19,583,109,025	-	Total Government Budget Including Supplementary Budget Excluding Debt
نسبة موازنة وزارة الصحة الى الموازنة العامة مع خدمة الدين	3.05	2.96	2.64	% MoPH Budget out of Total Government Budget (with debt)
نسبة موازنة وزارة الصحة الى الموازنة العامة مع الموازنات الملحقة و خدمة الدين	2.73	2.66	-	% MOPH Budget out of Total Government Budget Including Supplementary Budget (with debt)
نسبة موازنة وزارة الصحة الى الموازنة العامة بدون خدمة الدين	4.65	4.22	3.64	% MoPH Budget out of Total Government Budget (without debt)
نسبة موازنة وزارة الصحة الى الموازنة العامة مع الموازنات الملحقة بدون خدمة الدين	3.94	3.62	-	% MoPH Budget out of Total Government Budget Including Supplementary Budget (without debt)

Source: Government Budget (2017-2018) - MoPH Accounting Department-Ministry of Finance.

المصدر: قانون الموازنة العامة (٢٠١٧-٢٠١٨)-دائرة المحاسبة في وزارة الصحة العامة-وزارة المالية

Graph A.1: Available health and health related Sustainable Development Goals (SDGs) at the national level, 2018

** Computed as per available information on ICD10 codes, [https://unstats.un.org/sdgs/metadata/].*
***Includes Non-Lebanese.*

B- Population and Vital Statistics

Table B.1: Number of registered Lebanese births by month, Qada and gender, 2018

	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	593	555	458	420	528	454	404	356	532	444	542	477	620	553	460	426	560	485	771	712	534	525	544	485	6,546	5,892	12,438
Minieh-Danniyeh	164	177	135	144	163	164	125	127	170	157	156	165	236	189	201	153	192	167	315	285	180	172	144	144	2,181	2,044	4,225
Tripoli	313	293	212	204	253	237	218	176	306	282	267	262	304	252	262	242	271	283	361	306	315	270	265	215	3,347	3,022	6,369
Zgharta	51	57	45	55	58	46	21	13	86	81	84	84	68	81	96	66	67	65	124	93	71	49	61	63	832	753	1,585
Koura	32	39	35	32	34	48	32	35	44	38	41	28	46	48	43	31	34	22	64	54	43	17	40	31	488	423	911
Bcharreh	26	28	26	23	8	11	38	29	28	35	36	24	34	40	35	31	33	15	75	90	39	37	21	21	399	384	783
Batroun	29	37	24	18	38	48	30	33	54	41	52	35	36	35	48	42	44	35	71	55	42	42	28	43	496	464	960
Hermel	63	50	71	51	85	84	88	62	96	68	80	59	86	102	76	70	92	86	85	91	91	77	59	69	972	869	1,841
Baalbek	406	374	368	326	361	325	304	316	411	351	336	349	440	409	395	385	378	360	389	377	333	330	285	342	4,406	4,244	8,650
Zahleh	145	144	131	113	140	114	126	123	178	138	151	139	160	152	171	156	159	143	162	167	140	149	97	139	1,760	1,677	3,437
Rachaiya	78	56	29	41	46	36	42	35	44	39	73	54	56	47	52	53	39	25	98	76	70	63	105	100	732	625	1,357
West Beqaa	91	92	61	74	129	129	95	86	92	105	143	123	141	151	113	109	112	96	135	132	90	108	102	82	1,304	1,287	2,591
Nabatiyeh	134	152	151	150	160	165	167	163	732	768	123	118	168	179	87	77	230	224	134	108	171	148	133	135	2,390	2,387	4,777
Hasbaiya	42	50	48	20	42	43	31	29	52	43	66	46	70	52	43	40	54	45	57	55	52	32	51	36	608	491	1,099
Marjaayoun	132	97	112	103	120	119	114	119	134	147	146	116	125	125	123	130	97	112	179	150	146	136	129	111	1,557	1,465	3,022
Bent Jbayl	134	120	383	332	174	141	162	155	613	603	520	505	148	111	162	156	125	120	91	80	122	101	146	137	2,780	2,561	5,341
Saida	174	165	141	144	189	167	168	129	165	136	228	194	168	156	163	147	167	177	236	216	187	170	139	139	2,125	1,940	4,065
Sour	222	195	200	188	188	190	186	190	199	188	212	212	222	213	249	247	224	210	240	247	223	215	251	241	2,616	2,536	5,152
Jezzine	22	28	21	15	35	39	30	39	38	59	65	45	35	51	30	28	43	36	52	51	28	43	24	30	423	464	887
Jbayl	78	61	48	36	68	59	49	44	66	61	77	68	76	67	67	55	55	56	94	83	72	57	48	57	798	704	1,502
Keserwan	71	64	51	49	41	42	59	50	69	60	62	50	69	44	64	50	54	52	67	74	37	56	45	42	689	633	1,322
Matn	70	70	71	68	77	87	89	75	117	118	79	93	102	88	121	86	100	87	117	105	72	80	70	66	1,085	1,023	2,108
Baabda	78	84	86	82	80	76	88	93	71	73	87	77	55	56	37	24	72	57	111	96	99	92	77	76	941	886	1,827
Aaley	80	62	85	69	75	75	75	79	105	84	95	106	117	122	88	96	95	69	111	111	76	87	75	85	1,077	1,045	2,122
Chouf	158	140	118	115	155	130	135	134	176	179	181	172	203	180	160	167	204	173	233	215	163	126	134	92	2,020	1,823	3,843
Beirut	275	322	303	291	302	304	299	281	298	291	277	286	318	337	374	312	317	296	356	328	390	384	322	296	3,830	3,727	7,558
Total	3,661	3,512	3,413	3,163	3,549	3,333	3,175	2,971	4,876	4,589	4,179	3,887	4,103	3,840	3,720	3,379	3,818	3,496	4,728	4,357	3,786	3,566	3,395	3,277	46,402	43,369	89,772

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, 2018

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	91	90	80	58	83	69	76	54	82	67	87	48	81	43	64	55	62	60	79	66	67	58	92	58	944	726	1,670
Minieh-Danniyeh	26	42	40	28	28	30	21	17	31	23	26	20	30	23	25	17	18	28	38	32	31	26	35	30	349	316	665
Tripoli	36	36	67	49	89	61	47	40	74	49	61	56	67	54	37	21	39	32	90	80	63	53	52	55	722	586	1,308
Zgharta	26	20	28	21	26	27	23	20	28	20	28	20	17	11	28	16	26	15	30	24	29	20	24	29	313	243	556
Koura	30	25	15	20	17	16	10	12	11	13	19	8	15	15	15	15	13	15	19	10	16	13	22	12	202	174	376
Bcharreh	21	14	10	14	23	11	17	12	16	7	10	9	12	12	19	9	14	8	25	25	21	12	7	10	195	143	338
Batroun	21	29	22	21	22	14	25	17	26	12	21	18	17	14	25	18	16	12	32	16	13	22	19	20	259	213	472
Hermel	7	7	14	14	15	14	21	13	6	11	14	12	24	12	2	1	12	6	13	5	9	8	7	3	144	106	250
Baalbek	96	69	85	68	115	67	82	55	89	62	87	55	88	55	104	60	102	64	102	62	113	57	109	56	1,172	730	1,902
Zahleh	70	47	66	46	55	45	55	40	54	31	68	33	49	40	49	35	52	31	66	52	38	41	48	39	670	480	1,150
Rachaiya	23	5	14	8	15	7	16	11	7	15	17	19	15	16	11	15	13	5	11	15	20	12	19	12	181	140	321
West Beqaa	24	19	29	23	37	30	26	22	17	24	26	26	27	28	30	21	27	24	34	21	34	24	25	18	336	280	616
Nabatiyeh	39	23	39	43	51	35	45	38	129	115	9	9	34	34	11	7	15	30	39	34	28	17	50	34	489	419	908
Hasbaiya	18	21	13	6	14	19	17	6	16	12	14	12	28	12	6	13	15	5	17	17	13	16	15	7	186	146	332
Marjaayoun	41	26	32	34	37	31	34	26	43	28	32	27	36	22	27	19	31	23	38	19	39	40	26	19	416	314	730
Bent Jbayl	43	18	56	48	71	41	50	22	194	164	27	15	35	39	27	31	24	10	55	29	55	29	19	16	656	462	1,118
Saida	69	52	62	36	58	58	46	48	37	40	51	39	42	30	45	41	44	37	49	47	41	40	40	49	584	517	1,101
Sour	53	48	47	50	66	55	59	42	50	39	42	37	42	41	44	34	43	34	44	39	51	37	54	48	595	504	1,099
Jezzine	20	19	14	16	15	21	17	19	33	23	17	16	25	22	17	17	15	12	19	16	26	17	25	18	243	216	459
Jbayl	27	28	25	24	34	24	25	30	29	25	37	22	28	24	31	27	28	18	35	26	25	31	31	31	355	310	665
Keserwan	38	49	41	30	47	32	30	34	42	38	28	32	27	30	23	22	34	48	47	39	35	31	40	40	432	425	857
Matn	54	68	60	63	62	65	63	55	57	54	43	52	48	48	60	53	53	53	65	55	61	54	41	58	667	678	1,345
Baabda	90	51	66	54	73	56	48	38	58	52	50	40	41	37	43	31	28	17	49	37	40	30	43	36	629	479	1,108
Aaley	46	47	33	28	75	63	38	47	43	44	55	40	44	35	44	24	35	16	57	52	37	48	49	37	556	481	1,037
Chouf	73	59	65	62	71	87	56	57	61	58	78	60	59	58	52	48	70	41	144	134	74	65	69	54	872	783	1,655
Beirut	142	139	134	158	143	134	155	106	132	122	129	92	128	111	119	100	110	117	146	120	146	109	153	113	1,637	1,421	3,058
Total	1,224	1,051	1,157	1,022	1,342	1,112	1,102	881	1,365	1,148	1,076	817	1,059	866	958	750	939	761	1,343	1,072	1,125	910	1,114	902	13,804	11,292	25,096

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, 2018

Age groups	Percent			Population 2018		
	M	F	T	M	F	T
0-4	3.6	3.3	6.9	161,474	148,018	309,492
5-9	4.3	4.1	8.3	190,629	181,658	372,287
10-14	4.9	4.5	9.4	219,784	201,843	421,627
15-19	5.2	4.5	9.8	234,586	202,740	437,325
20-24	5.1	4.7	9.8	228,755	210,813	439,568
25-29	3.9	4.2	8.1	174,930	188,386	363,317
30-34	3.5	3.8	7.4	158,783	171,342	330,125
35-39	3.0	3.7	6.7	134,562	165,959	300,521
40-44	2.7	3.5	6.2	122,451	156,989	279,440
45-49	2.5	3.0	5.6	113,480	134,562	248,042
50-54	2.2	2.5	4.8	100,024	112,135	212,159
55-59	1.8	2.0	3.8	80,737	89,708	170,445
60-64	1.7	2.0	3.7	76,252	89,708	165,959
65-69	1.6	1.7	3.2	71,766	76,252	148,018
70-74	1.4	1.4	2.8	62,795	62,795	125,591
75-79	1.0	0.9	1.9	44,854	40,369	85,222
80-84	0.6	0.6	1.2	26,912	26,912	53,825
85+	0.3	0.2	0.5	13,456	8,971	22,427
Total	*49.4*	*50.6*	*100*	*2,216,231*	*2,269,158*	*4,485,389*

**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, 2018

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	7.33	22,671	27,271	30,885	32,035	32,199	26,614	24,182	22,014	20,470	18,170	15,541	12,486	12,157	10,843	9,200	6,243	3,943	1,643	328,566
Minieh-Danniyeh	3.38	10,458	12,580	14,248	14,778	14,854	12,277	11,156	10,155	9,443	8,382	7,169	5,760	5,608	5,002	4,244	2,880	1,819	758	151,570
Tripoli	6.76	20,922	25,167	28,503	29,564	29,716	24,561	22,317	20,316	18,891	16,768	14,342	11,522	11,219	10,006	8,490	5,761	3,639	1,516	303,220
Zgharta	1.50	4,656	5,600	6,343	6,579	6,612	5,465	4,966	4,521	4,204	3,731	3,192	2,564	2,497	2,227	1,889	1,282	810	337	67,474
Koura	1.33	4,131	4,969	5,627	5,837	5,867	4,849	4,406	4,011	3,730	3,311	2,832	2,275	2,215	1,976	1,676	1,137	718	299	59,865
Bcharreh	0.59	1,834	2,206	2,499	2,592	2,605	2,153	1,956	1,781	1,656	1,470	1,257	1,010	984	877	744	505	319	133	26,582
Batroun	1.03	3,173	3,817	4,322	4,483	4,506	3,725	3,384	3,081	2,865	2,543	2,175	1,747	1,701	1,517	1,288	874	552	230	45,983
	21.92																			
Hermel	1.45	4,502	5,415	6,133	6,361	6,394	5,285	4,802	4,371	4,065	3,608	3,086	2,479	2,414	2,153	1,827	1,240	783	326	65,245
Baalbek	6.15	19,029	22,890	25,924	26,889	27,027	22,339	20,298	18,478	17,182	15,251	13,045	10,480	10,204	9,101	7,722	5,240	3,309	1,379	275,787
Zahleh	3.96	12,245	14,730	16,682	17,303	17,392	14,375	13,062	11,890	11,056	9,814	8,394	6,744	6,566	5,856	4,969	3,372	2,130	887	177,467
Rachaiya	0.88	2,727	3,281	3,716	3,854	3,874	3,202	2,909	2,648	2,463	2,186	1,870	1,502	1,463	1,304	1,107	751	474	198	39,528
West Beqaa	2.02	6,244	7,511	8,506	8,823	8,868	7,330	6,660	6,063	5,637	5,004	4,280	3,439	3,348	2,986	2,534	1,719	1,086	452	90,489
	14.46																			
Nabatiyeh	3.02	9,337	11,232	12,720	13,194	13,261	10,961	9,960	9,066	8,430	7,483	6,401	5,142	5,007	4,466	3,789	2,571	1,624	677	135,320
Hasbaiya	0.73	2,266	2,726	3,087	3,202	3,219	2,660	2,417	2,200	2,046	1,816	1,553	1,248	1,215	1,084	920	624	394	164	32,843
Marjaayoun	1.79	5,546	6,671	7,555	7,837	7,877	6,511	5,916	5,385	5,007	4,445	3,802	3,054	2,974	2,652	2,251	1,527	965	402	80,377
Bent Jbayl	2.27	7,018	8,442	9,561	9,917	9,968	8,239	7,486	6,815	6,337	5,625	4,811	3,865	3,763	3,357	2,848	1,933	1,221	509	101,716
	7.81																			
Saida	5.51	17,043	20,500	23,217	24,082	24,205	20,007	18,179	16,549	15,388	13,659	11,683	9,386	9,139	8,151	6,916	4,693	2,964	1,235	246,994
Sour	5.51	17,060	20,522	23,242	24,107	24,231	20,027	18,198	16,566	15,404	13,673	11,695	9,396	9,148	8,159	6,923	4,698	2,967	1,236	247,251
Jezzine	0.65	2,010	2,417	2,738	2,840	2,854	2,359	2,144	1,951	1,815	1,611	1,378	1,107	1,078	961	816	553	350	146	29,126
	11.67																			
Jbayl	2.08	6,450	7,759	8,788	9,115	9,162	7,572	6,880	6,263	5,824	5,170	4,422	3,552	3,459	3,085	2,618	1,776	1,122	467	93,485
Keserwan	3.77	11,671	14,039	15,899	16,491	16,576	13,701	12,449	11,333	10,538	9,354	8,000	6,427	6,258	5,582	4,736	3,214	2,030	846	169,143
Matn	10.83	33,509	40,307	45,649	47,349	47,592	39,336	35,743	32,537	30,255	26,855	22,970	18,454	17,968	16,026	13,598	9,227	5,828	2,428	485,632
Baabda	10.92	33,806	40,665	46,055	47,770	48,015	39,686	36,060	32,826	30,524	27,094	23,174	18,618	18,128	16,168	13,718	9,309	5,879	2,450	489,945
Aaley	3.15	9,757	11,737	13,292	13,787	13,858	11,454	10,407	9,474	8,810	7,820	6,688	5,373	5,232	4,666	3,959	2,687	1,697	707	141,405
Chouf	4.09	12,652	15,219	17,236	17,878	17,970	14,852	13,496	12,285	11,424	10,140	8,673	6,968	6,784	6,051	5,134	3,484	2,200	917	183,364
	34.85																			
Beirut	9.30	28,774	34,612	39,199	40,659	40,867	33,778	30,692	27,940	25,980	23,061	19,725	15,846	15,429	13,761	11,676	7,923	5,004	2,085	417,012
	9.30																			
Total	100	309,492	372,287	421,627	437,325	439,568	363,317	330,125	300,521	279,440	248,042	212,159	170,445	165,959	148,018	125,591	85,222	53,825	22,427	4,485,389

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 - 2018

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	Population 2018	Percent of Total Population,2018
North	Aakkar	6.30	249,642	258,788	268,191	277,260	286,866	296,757	306,733	317,798	7.19	328,566	7.33
	Minieh-Danniyeh	3.07	121,722	125,429	129,116	132,482	136,249	139,887	143,897	148,010	3.35	151,570	3.38
	Tripoli	6.74	267,159	272,162	276,827	280,993	285,081	289,136	293,571	298,159	6.74	303,220	6.76
	Zgharta	1.48	58,479	60,331	61,570	62,520	63,437	64,458	65,555	66,445	1.50	67,474	1.50
	Koura	1.42	56,384	57,186	57,629	57,679	57,839	58,138	58,734	59,330	1.34	59,865	1.33
	Bcharreh	0.54	21,559	22,626	23,587	24,139	24,686	25,070	25,370	26,137	0.59	26,582	0.59
	Batroun	1.05	41,793	42,569	43,108	43,603	44,166	44,662	45,094	45,495	1.03	45,983	1.03
Total		**20.62**	**816,739**	**839,092**	**860,029**	**878,677**	**898,325**	**918,109**	**938,955**	**961,375**	**21.75**	**983,261**	**21.92**
Beqaa	Hermel	1.34	53,052	54,577	56,212	57,541	58,854	60,297	61,955	63,654	1.44	65,245	1.45
	Baalbek	5.51	218,285	226,566	231,648	240,242	247,533	254,375	261,928	269,039	6.09	275,787	6.15
	Zahleh	3.90	154,642	157,894	160,925	163,841	166,841	169,903	172,950	175,180	3.96	177,467	3.96
	Rachaiya	0.82	32,617	33,657	34,466	35,107	36,020	36,751	37,629	38,492	0.87	39,528	0.88
	West Beqaa	1.89	74,709	76,917	78,916	80,803	82,684	84,408	86,501	88,514	2.00	90,489	2.02
Total		**13.46**	**533,305**	**549,611**	**562,167**	**577,534**	**591,932**	**605,734**	**620,963**	**634,879**	**14.36**	**648,516**	**14.46**
Nabatiyeh	Nabatiyeh	2.95	116,703	117,871	119,214	120,352	122,345	125,176	128,345	131,451	2.97	135,320	3.02
	Hasbaiya	0.66	26,070	26,944	27,988	28,866	29,685	30,463	31,266	32,076	0.73	32,843	0.73
	Marjaayoun	1.51	59,676	63,037	66,441	68,771	71,128	73,349	75,739	78,085	1.77	80,377	1.79
	Bent Jbayl	1.90	75,237	79,038	82,345	85,512	88,444	91,279	94,453	97,493	2.21	101,716	2.27
Total		**7.01**	**277,686**	**286,890**	**295,988**	**303,501**	**311,602**	**320,267**	**329,803**	**339,105**	**7.67**	**350,256**	**7.81**
South	Saida	5.31	210,190	217,616	224,624	230,653	235,037	237,979	241,017	244,030	5.52	246,994	5.51
	Sour	5.34	211,601	216,368	221,040	225,539	230,247	234,509	238,789	243,198	5.50	247,251	5.51
	Jezzine	0.64	25,178	25,826	26,380	26,860	27,346	27,775	28,189	28,698	0.65	29,126	0.65
Total		**11.28**	**446,969**	**459,810**	**472,044**	**483,052**	**492,630**	**500,263**	**507,995**	**515,926**	**11.67**	**523,371**	**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	93,485	2.08
	Keserwan	4.15	164,489	165,216	165,875	166,480	167,039	167,584	168,176	168,678	3.82	169,143	3.77
	Matn	12.10	479,510	480,197	480,936	481,535	482,535	483,352	484,138	484,869	10.97	485,632	10.83
	Baabda	12.15	481,423	482,690	483,777	484,861	486,312	487,166	488,417	489,226	11.07	489,945	10.92
	Aaley	3.34	132,503	133,651	134,791	135,865	137,065	138,099	139,254	140,320	3.17	141,405	3.15
	Chouf	4.14	164,074	166,799	169,331	171,794	174,181	176,401	178,744	181,176	4.10	183,364	4.09
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**	**1,562,974**	**34.85**
Beirut	Beirut	9.55	378,464	384,725	390,238	394,880	399,304	403,381	407,453	412,512	9.33	417,012	9.30
Total		**9.55**	**378,464**	**384,725**	**390,238**	**394,880**	**399,304**	**403,381**	**407,453**	**412,512**	**9.33**	**417,012**	**9.30**
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**	**4,485,389**	**100**

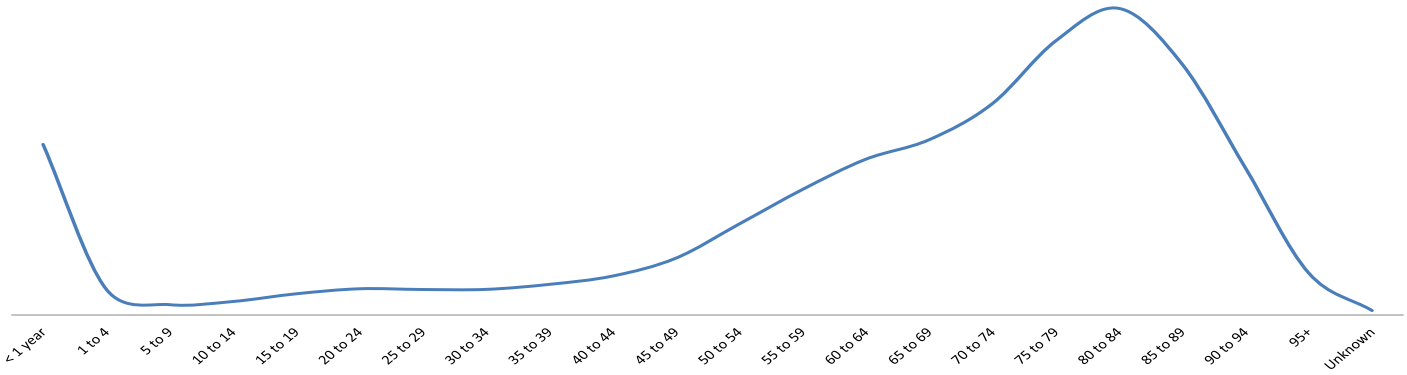
**Excluding Palestinian camps and Syrian refugees.*
Source: Population estimate based on latest baseline data and age proportions available from the Central Administration of Statistics (CAS) in addition to birth and death records available from the Ministry of Interior.

Table B.6: Resident population* distribution by age group, Qada and some basic indicators, 2018

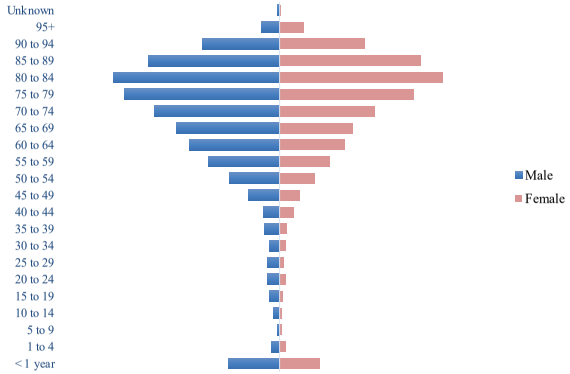
Qada	0-4	5-9	10-14	<15years	>65years	Active Population**	Total Population	Births	Deaths	CBR	CDR	RNI
Aakkar	22,671	27,271	30,885	80,827	31,871	215,868	328,566	12,438	1,670	37.86	5.08	3.28
Minieh-Danniyeh	10,458	12,580	14,248	37,286	14,702	99,581	151,570	4,225	665	27.87	4.39	2.35
Tripoli	20,922	25,167	28,503	74,592	29,412	199,216	303,220	6,369	1,308	21.00	4.31	1.67
Zgharta	4,656	5,600	6,343	16,599	6,545	44,331	67,474	1,585	556	23.49	8.24	1.53
Koura	4,131	4,969	5,627	14,727	5,807	39,332	59,865	911	376	15.22	6.28	0.89
Bcharreh	1,834	2,206	2,499	6,539	2,578	17,464	26,582	783	338	29.46	12.72	1.67
Batroun	3,173	3,817	4,322	11,312	4,460	30,211	45,983	960	472	20.88	10.26	1.06
Hermel	4,502	5,415	6,133	16,050	6,329	42,866	65,245	1,841	250	28.22	3.83	2.44
Baalbek	19,029	22,890	25,924	67,844	26,751	181,192	275,787	8,650	1,902	31.36	6.90	2.45
Zahleh	12,245	14,730	16,682	43,657	17,214	116,596	177,467	3,437	1,150	19.37	6.48	1.29
Rachaiya	2,727	3,281	3,716	9,724	3,834	25,970	39,528	1,357	321	34.33	8.12	2.62
West Beqaa	6,244	7,511	8,506	22,260	8,777	59,451	90,489	2,591	616	28.63	6.81	2.18
Nabatiyeh	9,337	11,232	12,720	33,289	13,126	88,905	135,320	4,777	908	35.30	6.71	2.86
Hasbaiya	2,266	2,726	3,087	8,079	3,186	21,578	32,843	1,099	332	33.46	10.11	2.34
Marjaayoun	5,546	6,671	7,555	19,773	7,797	52,808	80,377	3,022	730	37.60	9.08	2.85
Bent Jbayl	7,018	8,442	9,561	25,022	9,866	66,828	101,716	5,341	1,118	52.51	10.99	4.15
Saida	17,043	20,500	23,217	60,761	23,958	162,275	246,994	4,065	1,101	16.46	4.46	1.20
Sour	17,060	20,522	23,242	60,824	23,983	162,444	247,251	5,152	1,099	20.84	4.44	1.64
Jezzine	2,010	2,417	2,738	7,165	2,825	19,136	29,126	887	459	30.45	15.76	1.47
Jbayl	6,450	7,759	8,788	22,997	9,068	61,420	93,485	1,502	665	16.07	7.11	0.90
Keserwan	11,671	14,039	15,899	41,609	16,407	111,127	169,143	1,322	857	7.82	5.07	0.27
Matn	33,509	40,307	45,649	119,465	47,106	319,060	485,632	2,108	1,345	4.34	2.77	0.16
Baabda	33,806	40,665	46,055	120,526	47,525	321,894	489,945	1,827	1,108	3.73	2.26	0.15
Aaley	9,757	11,737	13,292	34,786	13,716	92,903	141,405	2,122	1,037	15.01	7.33	0.77
Chouf	12,652	15,219	17,236	45,108	17,786	120,470	183,364	3,843	1,655	20.96	9.03	1.19
Beirut	28,774	34,612	39,199	102,585	40,450	273,977	417,012	7,558	3,058	18.12	7.33	1.08
Total	**309,492**	**372,287**	**421,627**	**1,103,406**	**435,083**	**2,946,901**	**4,485,389**	**89,772**	**25,096**	**20.01**	**5.60**	**1.44**

**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.

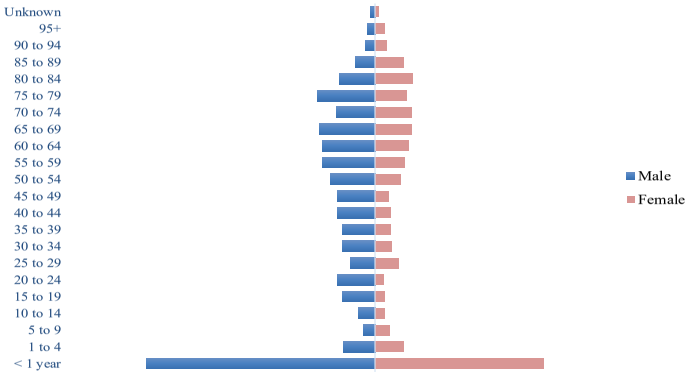
Graph B.1: Proportion of reported hospital deaths by age group and gender (N=18,197), 2018



Distribution of reported Lebanese hospital deaths by age group and gender (N=15,410), 2018



Distribution of reported non-Lebanese hospital deaths by age group and gender (N=2,787), 2018

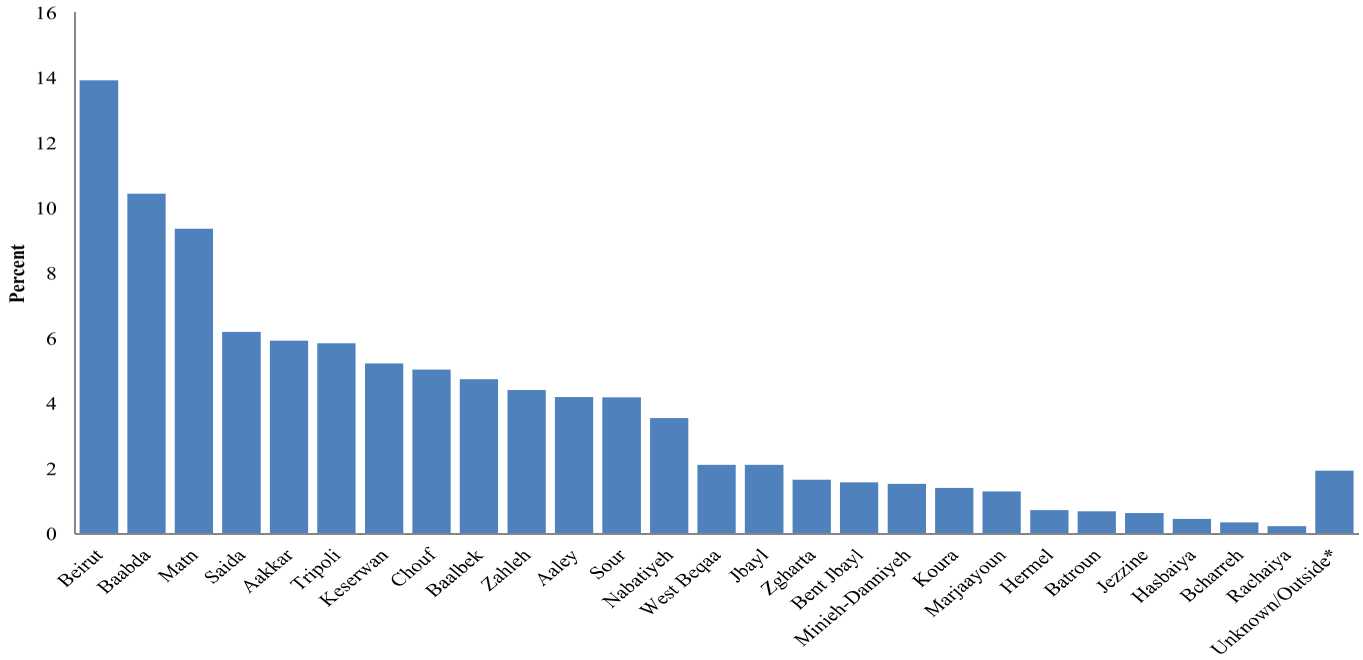


Source: Hospital Mortality System (HMS), Statistics Department, MoPH (on 20/11/2019).

Graph B.2: Reported hospital deaths by top ICD10 chapters (N=18,197), 2018

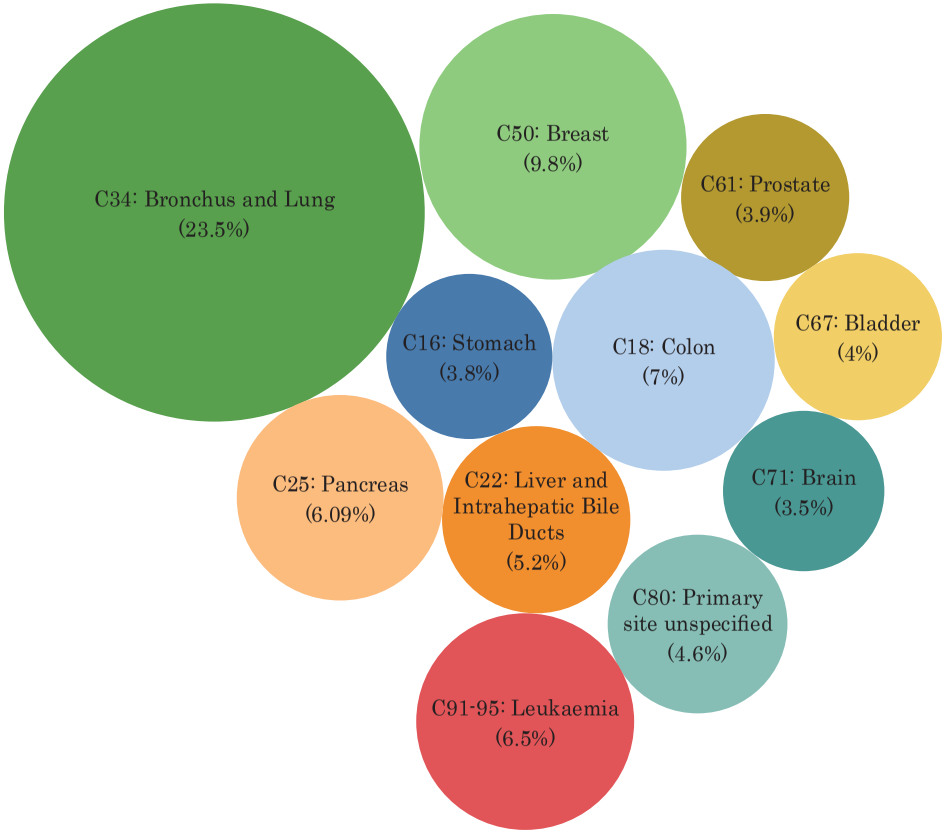
**The Underlying cause of death was selected using the IRIS software, a coding system based on international standards*
Source: Hospital Mortality System (HMS), Statistics Department, MoPH (on 20/11/2019)

Graph B.3: Proportion of reported hospital deaths by qada of residence (N=18,197), 2018



**Includes unknown qada of residence and residence outside Lebanon.*
Source: Hospital Mortality System (HMS), Statistics Department, MoPH (on 20/11/2019).

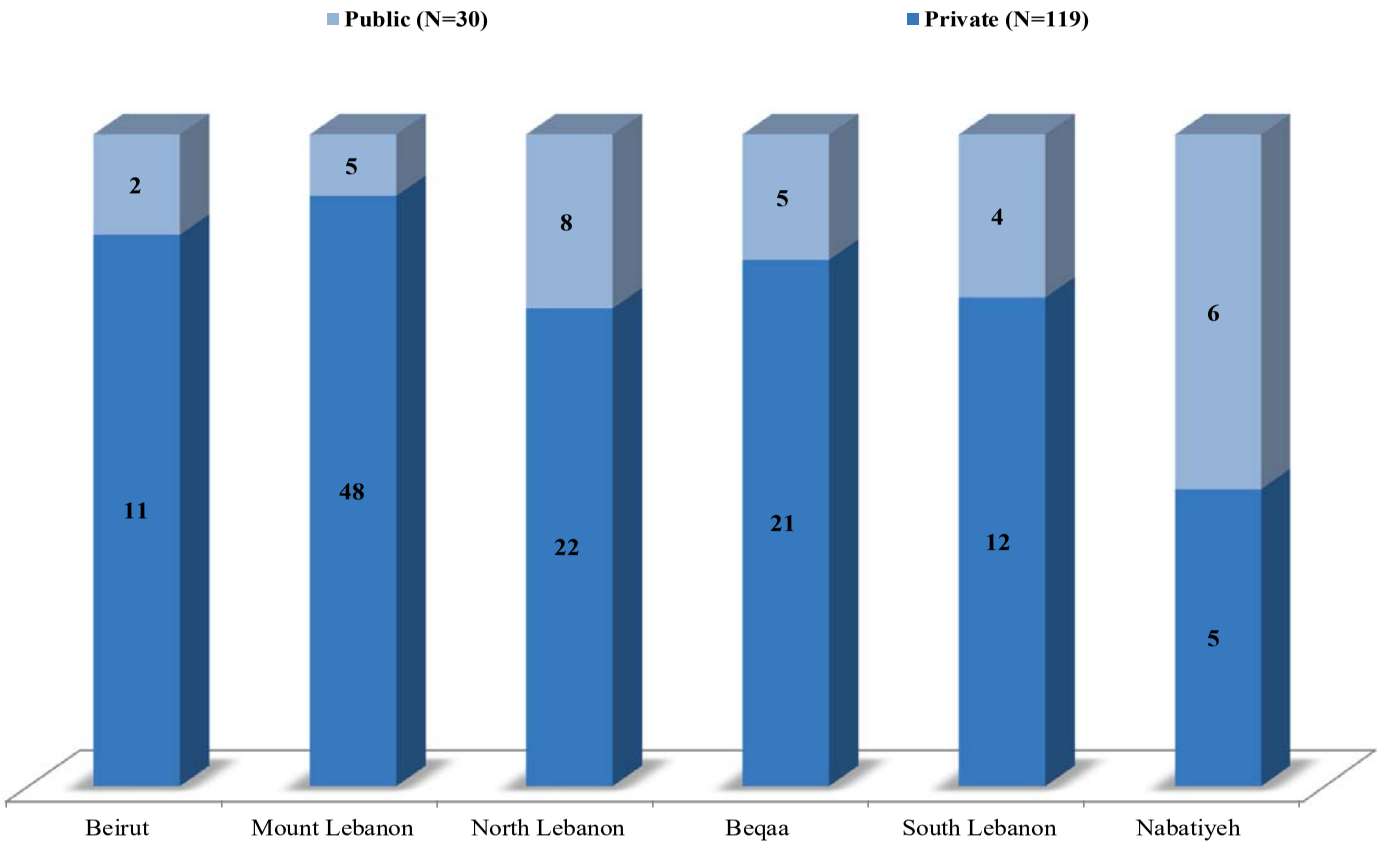
Graph B.4: Top 10 cancers* by ICD10 3-Character code, 2018



**The underlying cause of death was selected using the IRIS software, a coding system based on international standards.*
Source: Hospital Mortality System (HMS), Statistics Department, MoPH (on 20/11/2019).

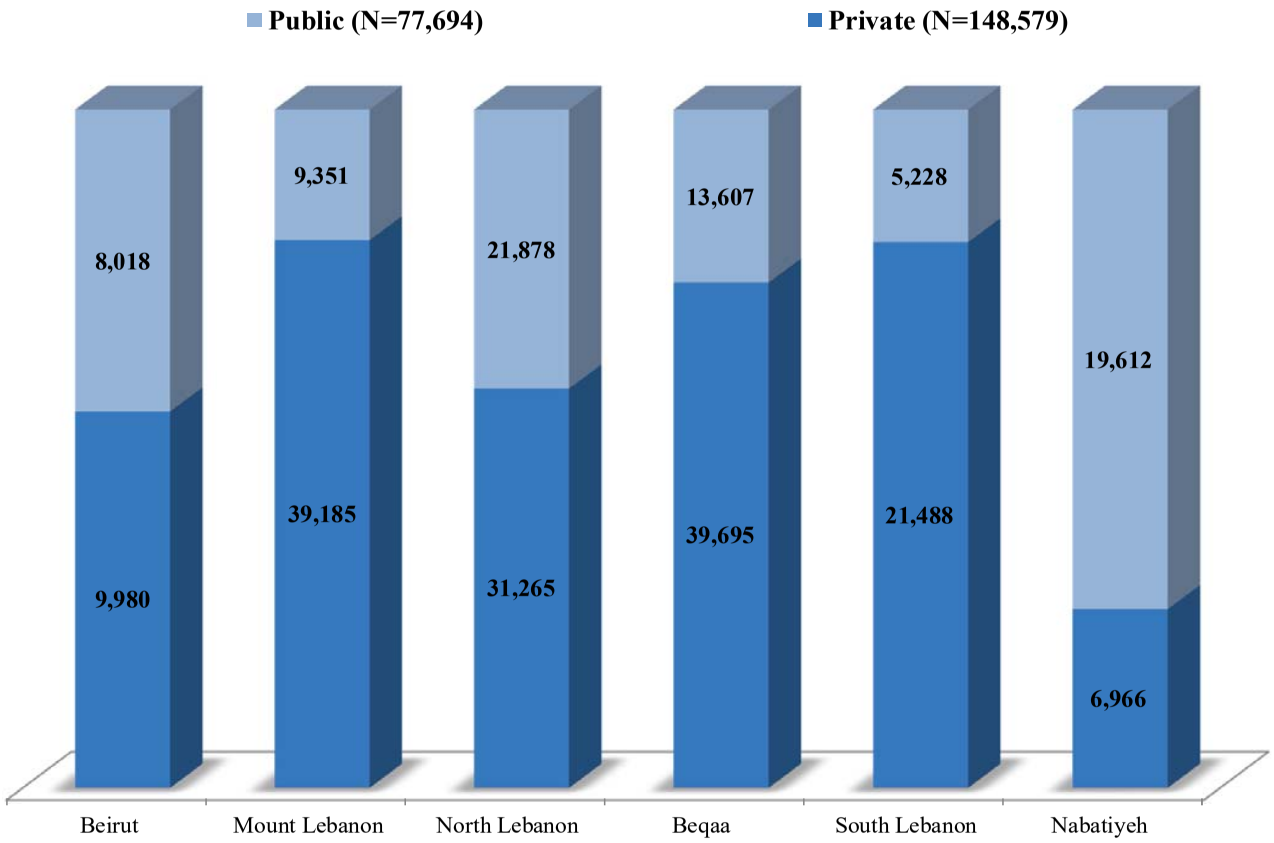
C- MoPH Services Utilization Data

Graph C.1: Hospitals contracting with MoPH by Mohafaza and type, 2018



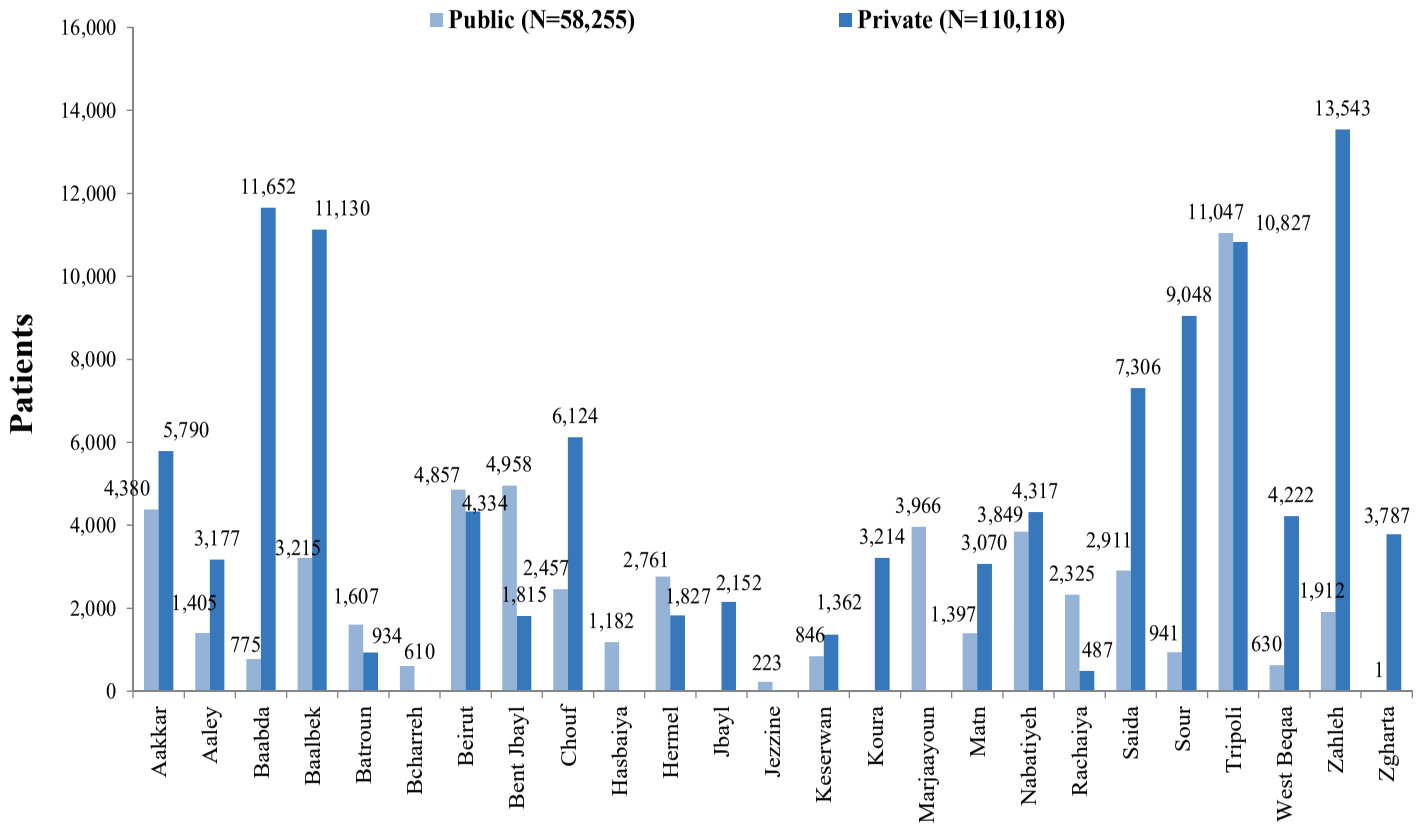
Source: Hospital billing database, IT department, MoPH (on 05/08/2019).

Graph C.2: MoPH subsidized admissions by Mohafaza and type of hospital, 2018



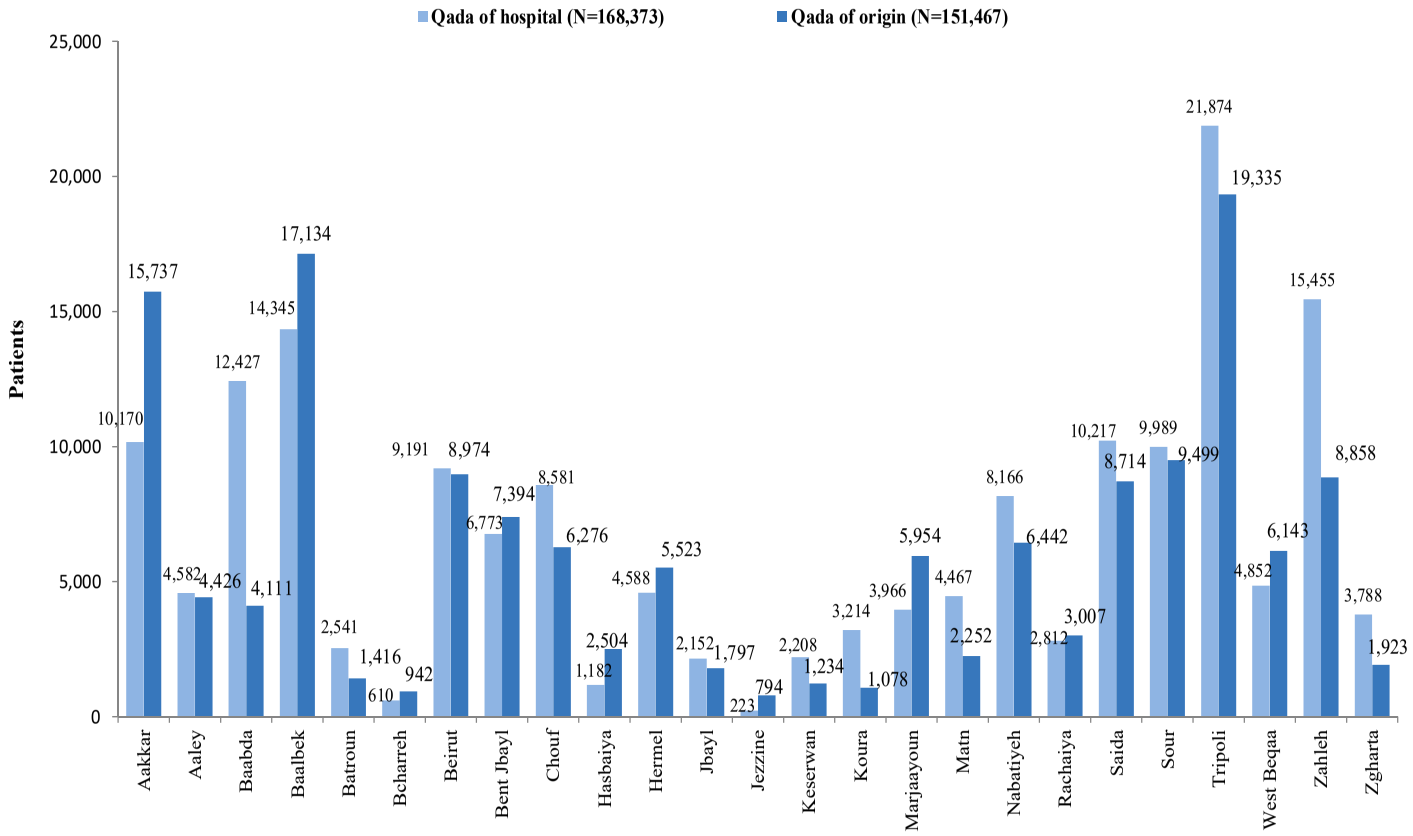
Source: Hospital billing database, IT department, MoPH (on 05/08/2019).

Graph C.3: MoPH subsidized in-patients by Qada and type of hospital, 2018



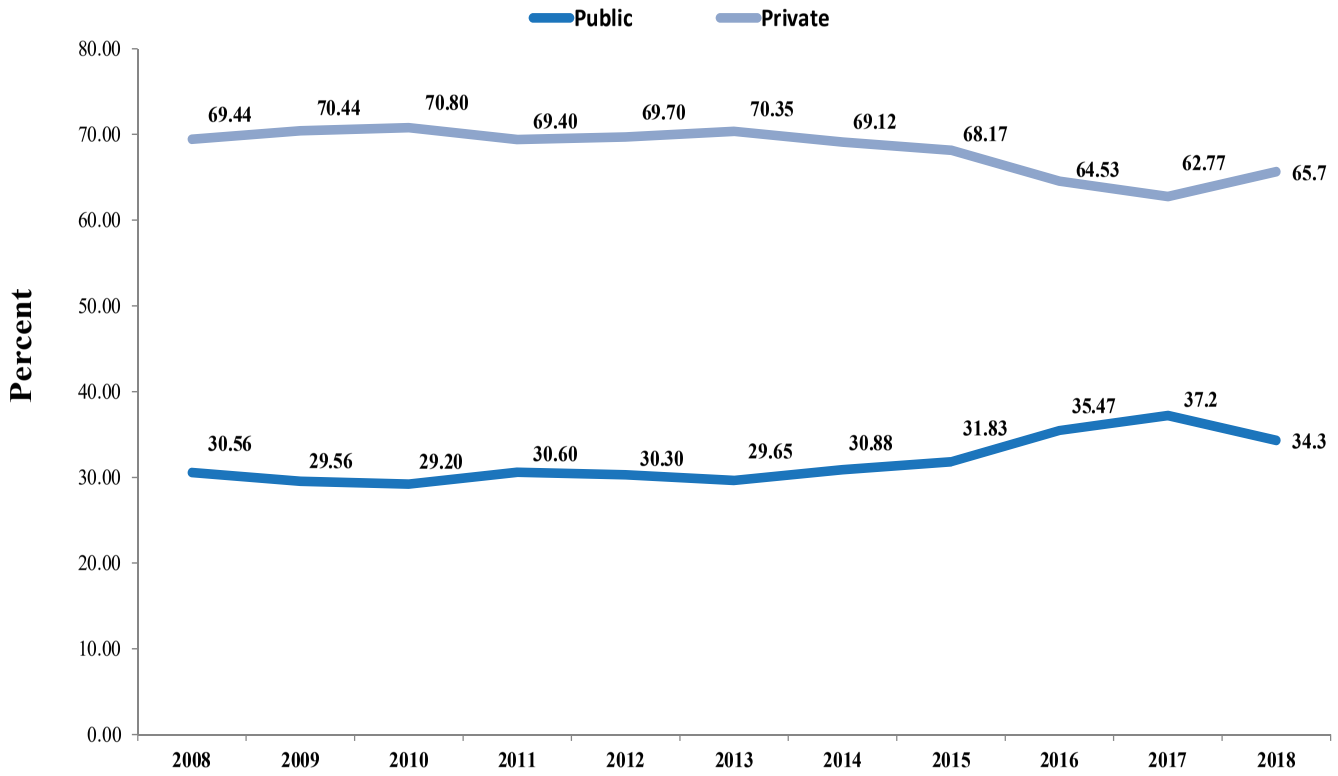
Source: Hospital billing database, IT department, MoPH (on 05/08/2019).

Graph C.4: MoPH subsidized in-patients by Qada of hospital and Qada of origin, 2018



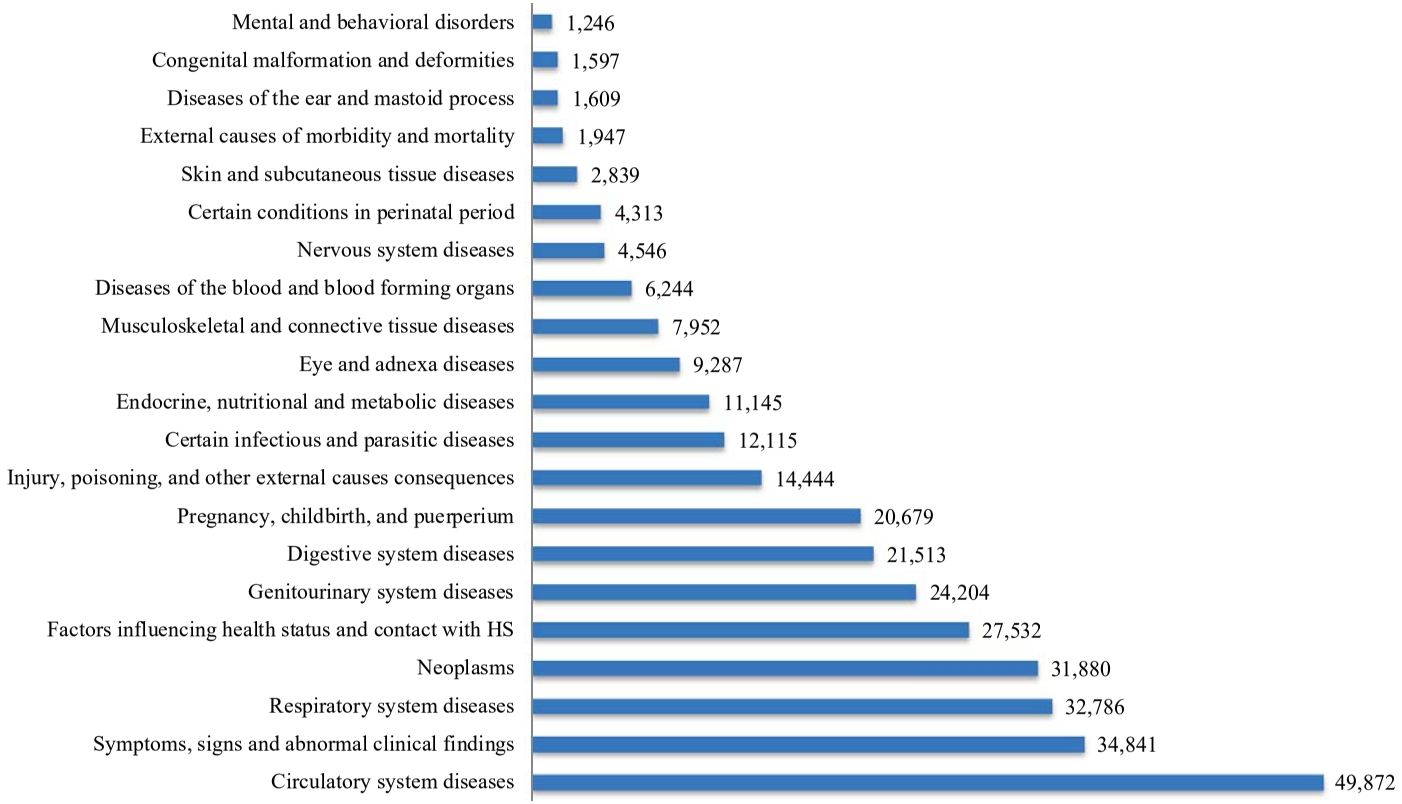
Source: Hospital billing database, IT department, MoPH (on 05/08/2019).

Graph C.5: The evolution of MoPH subsidized admissions in public and private hospitals between 2008 and 2018



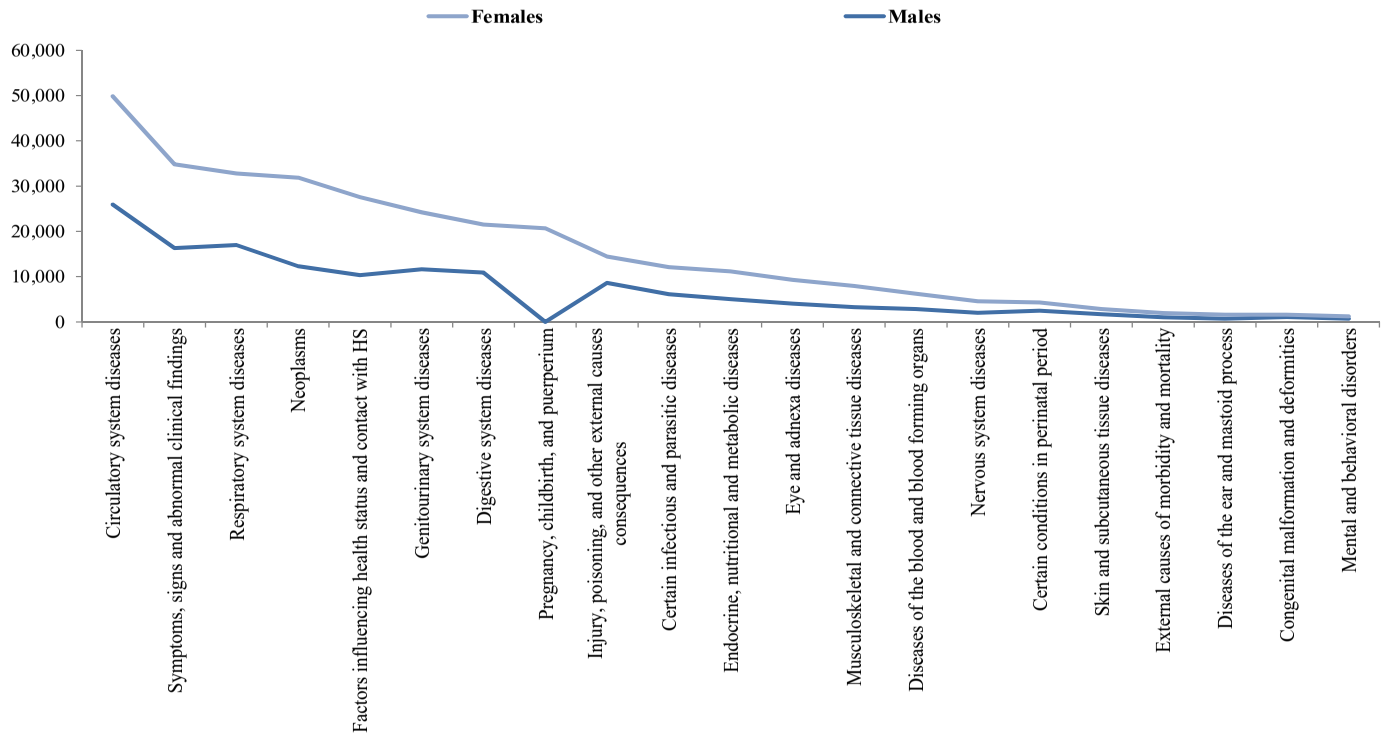
Source: Hospital billing database, IT department, MoPH (on 05/08/2019).

Graph C.6: MoPH subsidized hospital cases* by ICD10 category of diagnosis (N=322,591), 2018



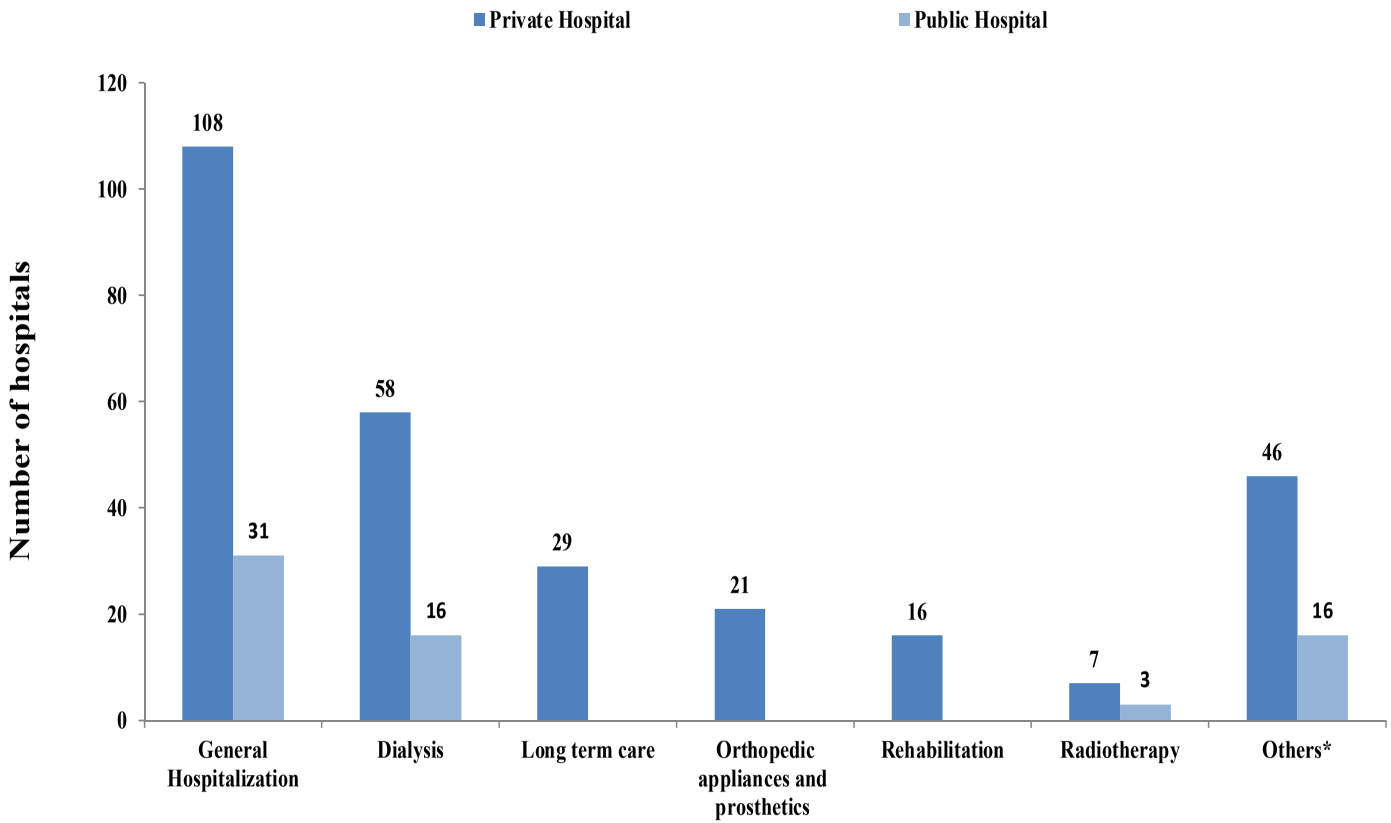
**Based on discharge data (on 15/07/2019).*
Source: Hospital billing database, IT department, MoPH.

Graph C.7: MoPH subsidized hospital cases* by ICD10 category of diagnosis and gender (N=322,591), 2018



**Based on discharge data (on 15/07/2019).*
Source: Hospital billing database, IT department, MoPH.

Graph C.8: Hospitals contracted with MoPH by type of service, 2018



**Including mental health and selected ambulatory and ancillary services.*
Source: Hospital billing database, IT department, MoPH (on 05/08/2019).

Table C.1: MoPH subsidized hospital cases* by category of diagnosis and gender, 2018

ICD10	Codes	Description	M	F	T
Chapter 1	**A00-B99**	**Certain infectious and parasitic diseases**	**M**	**F**	**T**
	A00-A09	Intestinal Infectious Diseases	4,296	4,062	**8,358**
	A15-A19	Tuberculosis	26	18	**44**
	A20-A28	Certain zoonotic bacterial diseases	56	48	**104**
	A30-A49	Other bacterial diseases	570	674	**1,244**
	A50-A64	Infections with a predominantly sexual mode of transmission	11	14	**25**
	A65-A69	Other spirochaetal diseases	5	3	**8**
	A70-A74	Other diseases caused by chlamydiae	0	0	**0**
	A75-A79	Rickettsioses	3	2	**5**
	A80-A89	Viral Infections of the CNS	30	19	**49**
	A90-A99	Arthropod-borne viral fevers and viral hemorrhagic fevers	1	5	**6**
	B00-B09	Viral Infections characterized by skin and mucous membrane lesions	146	145	**291**
	B15-B19	Viral hepatitis	211	138	**349**
	B20-B24	Human immunodeficiency virus[HIV] disease	30	5	**35**
	B25-B34	Other viral diseases	145	109	**254**
	B35-B49	Mycoses	51	67	**118**
	B50-B64	Protozoal diseases	20	8	**28**
	B65-B83	Helminthiases	34	44	**78**
	B85-B89	Pediculosis, acariasis and other infestations	3	6	**9**
	B90-B94	Sequelae of infectious and parasitic diseases	2	1	**3**
	B95-B97	Bacterial, viral and other infectious agents	456	616	**1,072**
	B99	Other infectious diseases	16	19	**35**
Total			**6,112**	**6,003**	**12,115**
Chapter 2	**C00-D48**	**Neoplasms**	**M**	**F**	**T**
	C00-C97	Malignant Neoplasms	**11,174**	**17,502**	**28,676**
	C00-C14.8	Lip oral cavity and pharynx	115	136	**251**
	C15-C26.9	Digestive organs	1,820	1,781	**3,601**
	C30-C39.9	Respiratory and intrathoracic organs	2,098	1,022	**3,120**
	C40-C41.9	Bone and articular cartilage	141	188	**329**
	C43-C44.9	Melanoma and other malignant neoplasms of skin	140	126	**266**
	C45-C49.9	Mesothelial and soft tissue	174	132	**306**
	C50-C50.9	Breast	160	8,113	**8,273**
	C51-C58	Female genital organs	78	1,641	**1,719**
	C60-C63.9	Male genital organs	679	26	**705**
	C64-C68.9	Urinary tract	1,210	425	**1,635**
	C69-C72.9	Eye, brain and other parts of CNS	309	144	**453**
	C73-C75.9	Thyroid and other endocrine glands	166	199	**365**
	C76-C80	Ill-defined, secondary and unspecified sites	621	872	**1,493**
	C81-C96.9	Lymphoid, haematopoietic and related tissue	3,462	2,696	**6,158**
	C97	Independent (primary) multiple sites	1	1	**2**
	D00-D09	In situ neoplasms	96	62	158
	D10-D36	Benign neoplasms	695	1,703	2,398
	D37-D48	Neoplasms of uncertain and unknown behavior	350	298	648
Total			**12,315**	**19,565**	**31,880**

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	353	826	**1,179**
	D55-D59	Haemolytic anaemias	1,011	770	**1,781**
	D60-D64	Aplastic and other anaemias	982	1,316	**2,298**
	D65-D69	Coagulation defects, purpura and other haemorrhagic conditions	164	192	**356**
	D70-D77	Other diseases of the blood and blood forming organs	247	191	**438**
	D80-D89	Certain disorders involving the immune mechanism	113	79	**192**
Total			**2,870**	**3,374**	**6,244**
Chapter 4	**E00-E90**	**Endocrine, nutritional and metabolic diseases**	**M**	**F**	**T**
	E00-E07	Disorders of thyroid gland	193	1,063	**1,256**
	E10-E14	Diabetes mellitus	2,889	2,977	**5,866**
	E15-E16	Other disorders of glucose regulation and pancreatic internal secretion	64	110	**174**
	E20-E35	Disorders of other endocrine glands	129	158	**287**
	E40-E46	Malnutrition	18	18	**36**
	E50-E64	Other nutritional deficiencies	22	41	**63**
	E65-E68	Obesity and other hyperalimentation	149	237	**386**
	E70-E90	Metabolic disorders	1,542	1,535	**3,077**
Total			**5,006**	**6,139**	**11,145**
Chapter 5	**F00-F99**	**Mental and behavioral disorders**	**M**	**F**	**T**
	F00-F09	Organic, including symptomatic, mental disorders	27	34	**61**
	F10-F19	Mental and behavioral disorders due to psychoactive substance abuse	149	76	**225**
	F20-F29	Schizophrenia, schizotypal and delusional disorders	215	159	**374**
	F30-F39	Mood [affective] disorders	180	172	**352**
	F40-F48	Neurotic, stress-related and somatoform disorders	45	69	**114**
	F50-F59	Behavioral syndromes associated with physiological disturbances and physical factors	8	2	**10**
	F60-F69	Disorders of adult personality and behaviour	15	16	**31**
	F70-F79	Mental retardation	26	12	**38**
	F80-F89	Disorders of psychological development	14	9	**23**
	F90-F98	Behavioral and emotional disorders with onset usually occurring in childhood and adolescence	7	4	**11**
	F99	Unspecified mental disorder	4	3	**7**
Total			**690**	**556**	**1,246**
Chapter 6	**G00-G99**	**Diseases of the nervous system**	**M**	**F**	**T**
	G00-G09	Inflammatory diseases of the central nervous system	78	60	**138**
	G10-G13	Systemic atrophies primarily affecting the nervous system	18	29	**47**
	G20-G26	Extrapyramidal and mood disorders	38	37	**75**
	G30-G32	Other degenerative diseases of the nervous system	51	65	**116**
	G35-G37	Demyelinating diseases of the CNS	90	213	**303**
	G40-G47	Episodic and paroxysmal disorders	934	970	**1,904**
	G50-G59	Nerve, nerve root and plexus disorders	228	637	**865**
	G60-G64	Polyneuropathies and other disorders of the peripheral NS	69	58	**127**
	G70-G73	Diseases of myoneural junction and muscle	24	24	**48**
	G80-G83	Cerebral palsy and other paralytic syndromes	291	308	**599**
	G90-G99	Others disorders of the nervous system	184	140	**324**
Total			**2,005**	**2,541**	**4,546**

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	89	131	**220**
	H10-H13	Disorders of conjunctiva	74	65	**139**
	H15-H22	Disorders of sclera, cornea, iris, and ciliary body	55	66	**121**
	H25-H28	Disorders of lens	3,150	4,410	**7,560**
	H30-H36	Disorders of choroid and retina	216	126	**342**
	H40-H42	Glaucoma	58	84	**142**
	H43-H45	Disorders of vitreous body and globe	145	116	**261**
	H46-H48	Disorders of optic nerve and visual pathways	11	12	**23**
	H49-H52	Disorders of ocular muscles, binocular movement accommodation and refraction	69	60	**129**
	H53-H54	Visual disturbances and blindness	105	118	**223**
	H55-H59	Other disorders of eye and adnexa	60	67	**127**
Total			**4,032**	**5,255**	**9,287**
Chapter 8	**H60-H95**	**Diseases of the ear and mastoid process**	**M**	**F**	**T**
	H60-H62	Diseases of the external ear	93	94	**187**
	H65-H75	Diseases of the middle ear and mastoid	459	508	**967**
	H80-H83	Diseases of the inner ear	127	239	**366**
	H90-H95	Other disorders of ear	39	50	**89**
Total			**718**	**891**	**1,609**
Chapter 9	**I00-I99**	**Diseases of the circulatory system**	**M**	**F**	**T**
	I00-I02	Acute rheumatic fever	12	16	**28**
	I05-I09	Chronic rheumatic heart disease	77	120	**197**
	I10-I15	Hypertensive diseases	5,544	7,104	**12,648**
	I20-I25	Ischemic heart diseases	12,162	8,752	**20,914**
	I26-I28	Pulmonary heart disease and diseases of the pulmonary circulation	84	106	**190**
	I30-I52	Other forms of heart disease	4,047	4,787	**8,834**
	I60-I69	Cerebrovascular diseases	1,301	1,420	**2,721**
	I70-I79	Diseases of arteries, arterioles and capillaries	778	534	**1,312**
	I80-I89	Diseases of veins, lymphatic vessels and lymph nodes NEC	1,724	796	**2,520**
	I95-I99	Other and unspecified disorders of the circulatory system	206	302	**508**
Total			**25,935**	**23,937**	**49,872**
Chapter 10	**J00-J99**	**Diseases of the respiratory system**	**M**	**F**	**T**
	J00-J06	Acute upper respiratory infections	1,477	1,086	**2,563**
	J10-J18	Influenza and pneumonia	5,346	5,011	**10,357**
	J20-J22	Other acute lower respiratory infections	2,132	1,671	**3,803**
	J30-J39	Other diseases of upper respiratory tract	3,480	3,270	**6,750**
	J40-J47	Chronic lower respiratory diseases	3,030	3,006	**6,036**
	J60-J70	Lung diseases due to external agents	59	55	**114**
	J80-J84	Other resp. diseases principally affecting interstitium	658	874	**1,532**
	J85-J86	Suppurative and necrotic conditions of lower RT	42	13	**55**
	J90-J94	Other diseases of plura	414	338	**752**
	J95-J99	Other diseases of the respiratory system	369	455	**824**
Total			**17,007**	**15,779**	**32,786**

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	116	111	**227**
	K20-K31	Diseases of oesophagus, stomach and duodenum	1,109	1,539	**2,648**
	K35-K38	Diseases of appendix	838	605	**1,443**
	K40-K46	Hernia	3,431	1,325	**4,756**
	K50-K52	Noninfective enteritis and colitis	947	1,148	**2,095**
	K55-K63	Other diseases of intestines	1,744	1,409	**3,153**
	K65-K67	Diseases of peritoneum	135	180	**315**
	K70-K77	Diseases of liver	467	299	**766**
	K80-K87	Disorders of gallbladder, biliary tract and pancreas	1,711	3,607	**5,318**
	K90-K93	Other diseases of the digestive system	399	393	**792**
Total			**10,897**	**10,616**	**21,513**
Chapter 12	**L00-L99**	**Diseases of the skin and subcutaneous tissue**	**M**	**F**	**T**
	L00-L08	Infections of the skin and subcutaneous tissue	1,150	692	**1,842**
	L10-L14	Bullous disorders	6	4	**10**
	L20-L30	Dermatitis and eczema	33	23	**56**
	L40-L45	Papulosquamous disorders	9	12	**21**
	L50-L54	Urticaria and erythema	29	48	**77**
	L55-L59	Radiation-related disorders of the skin and subcutaneous tissue	1	2	**3**
	L60-L75	Disorders of skin appendages	52	38	**90**
	L80-L99	Other disorders of the skin and subcutaneous tissue	408	332	**740**
Total			**1,688**	**1,151**	**2,839**
Chapter 13	**M00-M99**	**Diseases of the musculoskeletal system and connective tissue**	**M**	**F**	**T**
	M00-M25	Arthropathies	**1,247**	**1,819**	**3,066**
	M0-M03	*Infectious arthropathies*	*35*	*17*	**52**
	M05-M14.8	*Inflammatory polyarthropathies*	*192*	*357*	**549**
	M15-M19.9	*Arthrosis*	*320*	*758*	**1,078**
	M20-M25.9	*Other joint disorders*	*700*	*687*	**1,387**
	M30-M36	Systemic connective tissue disorders	**44**	**84**	**128**
	M40-M54	Dorsopathies	**930**	**1,472**	**2,402**
	M40-M43.9	*Deforming dorsopathies*	*49*	*103*	**152**
	M45-M49.8	*Spondylopathies*	*170*	*263*	**433**
	M50-M54.9	*Other dorsopathies*	*711*	*1,106*	**1,817**
	M60-M79	Soft tissue disorders	**590**	**867**	**1,457**
	M60-M63.8	*Disorders of muscles*	*41*	*47*	**88**
	M65-M68.8	*Disorders of synovium and tendon*	*198*	*387*	**585**
	M70-M79.9	*Other soft tissue disorders*	*351*	*433*	**784**
	M80-M94	Osteopathies and chondropathies	**433**	**415**	**848**
	M80-M85.9	*Disorders of bonedensity and structure*	*185*	*244*	**429**
	M86-M90.8	*Other osteopathies*	*232*	*152*	**384**
	M91-M94.9	*Chondropathies*	*16*	*19*	**35**
	M95-M99	Other disorders of the musculoskeletal system and connective tissue	**28**	**23**	**51**
Total			**3,272**	**4,680**	**7,952**

ICD10	Codes	Description	M	F	T
Chapter 14	**N00-N99**	**Diseases of the genitourinary system**	**M**	**F**	**T**
	N00-N08	Glomerular diseases	254	138	**392**
	N10-N16	Renal tubulo-interstitial diseases	725	1,041	**1,766**
	N17-N19	Renal failure	2,154	1,833	**3,987**
	N20-N23	Urolithiasis	4,473	2,916	**7,389**
	N25-N29	Other disorders of kidney and ureter	83	68	**151**
	N30-N39	Other diseases of the urinary system	1,726	2,729	**4,455**
	N40-N51	Diseases of male genital organs	2,167	0	**2,167**
	N60-N64	Disorders of breast	41	354	**395**
	N70-N77	Inflammatory diseases of female pelvic organs	0	218	**218**
	N80-N98	Noninflammatory disorders of female genital tract	0	3,255	**3,255**
	N99	Other disorders of the genitourinary system	5	24	**29**
Total			**11,628**	**12,576**	**24,204**
Chapter 15	**O00-O99**	**Pregnancy, childbirth and puerperium**	**M**	**F**	**T**
	O00-O08	Pregnancy with abortive outcome	0	1,220	**1,220**
	O10-O16	Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	0	86	**86**
	O20-O29	Other maternal disorders predominantly related to pregnancy	0	196	**196**
	O30-O48	Maternal care related to the fetus and amniotic cavity and possible delivery problems	0	1,427	**1,427**
	O60-O75	Complications of labor and delivery	0	411	**411**
	O80-O84	Delivery	0	17,255	**17,255**
	O85-O92	Complications predominantly related to the puerperium	0	39	**39**
	O95-O99	Other obstetric conditions NEC	0	45	**45**
Total			**0**	**20,679**	**20,679**
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	35	90	**125**
	P05-P08	Disorders related to length of gestation and fetal growth	216	259	**475**
	P10-P15	Birth trauma	5	2	**7**
	P20-P29	Respiratory and cardiovascular disorders specific to the perinatal period	1,281	812	**2,093**
	P35-P39	Infections specific to the perinatal period	383	249	**632**
	P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	419	296	**715**
	P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	90	73	**163**
	P75-P78	Digestive system disorders of fetus and newborn	14	8	**22**
	P80-P83	Conditions involving the integument and temperature regulation of fetus and newborn	5	7	**12**
	P90-P96	Other disorders originating in the perinatal period	43	26	**69**
Total			**2,491**	**1,822**	**4,313**

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	28	34	**62**
	Q10-Q18	Congenital malformations of eye, ear, face and neck	15	13	**28**
	Q20-Q28	Congenital malformations of the circulatory system	207	142	**349**
	Q30-Q34	Congenital malformations of the respiratory system	19	11	**30**
	Q35-Q37	Cleft lip and cleft palate	25	27	**52**
	Q38-Q45	Other congenital malformations of the digestive system	69	41	**110**
	Q50-Q56	Congenital malformations of the genital organs	508	38	**546**
	Q60-Q64	Congenital malformations of the urinary system	76	35	**111**
	Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	99	109	**208**
	Q80-Q89	Other congenital malformations	25	29	**54**
	Q90-Q99	Chromosomal abnormalities, NEC	29	18	**47**
Total			**1,100**	**497**	**1,597**
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	5,213	5,660	**10,873**
	R10-R19	Symptoms and signs involving the digestive system and abdomen	4,691	6,700	**11,391**
	R20-R23	Symptoms and signs involving the skin and subcutaneous tissue	190	234	**424**
	R25-R29	Symptoms and signs involving the nervous and musculoskeletal systems	30	34	**64**
	R30-R39	Symptoms and signs involving the urinary system	1,034	524	**1,558**
	R40-R46	Symptoms and signs involving cognition, perception, emotional state and behaviour	548	615	**1,163**
	R47-R49	Symptoms and signs involving speech and voice	27	35	**62**
	R50-R69	General symptoms and signs	4,287	4,444	**8,731**
	R70-R79	Abnormal findings on examination of blood, without diagnosis	141	151	**292**
	R80-R82	Abnormal findings on examination of urine, without diagnosis	12	16	**28**
	R83-R89	Abnormal findings on examination of other body fluids substances and tissues, without diagnosis	14	4	**18**
	R90-R94	Abnormal findings on diagnostic imaging and in function studies, without diagnosis	92	53	**145**
	R95-R99	Ill-defined and unknown causes of mortality	45	47	**92**
Total			**16,324**	**18,517**	**34,841**
Chapter 19	**S00-T98**	**Injury, poisoning and certain other consequences of external causes**	**M**	**F**	**T**
	S00-S09	Injuries to the head	1,017	505	**1,522**
	S10-S19	Injuries to the neck	47	18	**65**
	S20-S29	Injuries to the thorax	158	98	**256**
	S30-S39	Injuries to the abdomen, lower back, lumbar spine and pelvis	237	181	**418**
	S40-S49	Injuries to the shoulder and upper arm	685	574	**1,259**
	S50-S59	Injuries to the elbow and forear	951	580	**1,531**
	S60-S69	Injuries to the wrist and hand	1,028	430	**1,458**
	S70-S79	Injuries to the hip and thigh	830	1,179	**2,009**
	S80-S89	Injuries to the knee and lower leg	1,182	614	**1,796**
	S90-S99	Injuries to the ankle and foot	313	170	**483**
	T00-T07	Injuries involving multiple body regions	1,040	598	**1,638**
	T08-T14	Injuries to unspecified part of trunk, limb or body region	196	117	**313**
	T15-T19	Effects of foreign body entering through natural orifice	51	54	**105**
	T20-T32	Burns and corrosions	167	95	**262**
	T33-T35	Frosbite	29	14	**43**
	T36-T50	Poisoning by drugs, medicaments and biological substances	61	77	**138**
	T51-T65	Toxic effects of substances chiefly nonmedicinal as to source	89	51	**140**
	T66-T78	Other and unspecified effects of external causes	85	73	**158**
	T79	Certain early complications of trauma	37	16	**53**
	T80-T88	Complications of surgical and medical care NEC	375	351	**726**
	T90-T98	Sequelae of injuries, of poisoning and of other consequences of external causes	45	26	**71**
Total			**8,623**	**5,821**	**14,444**

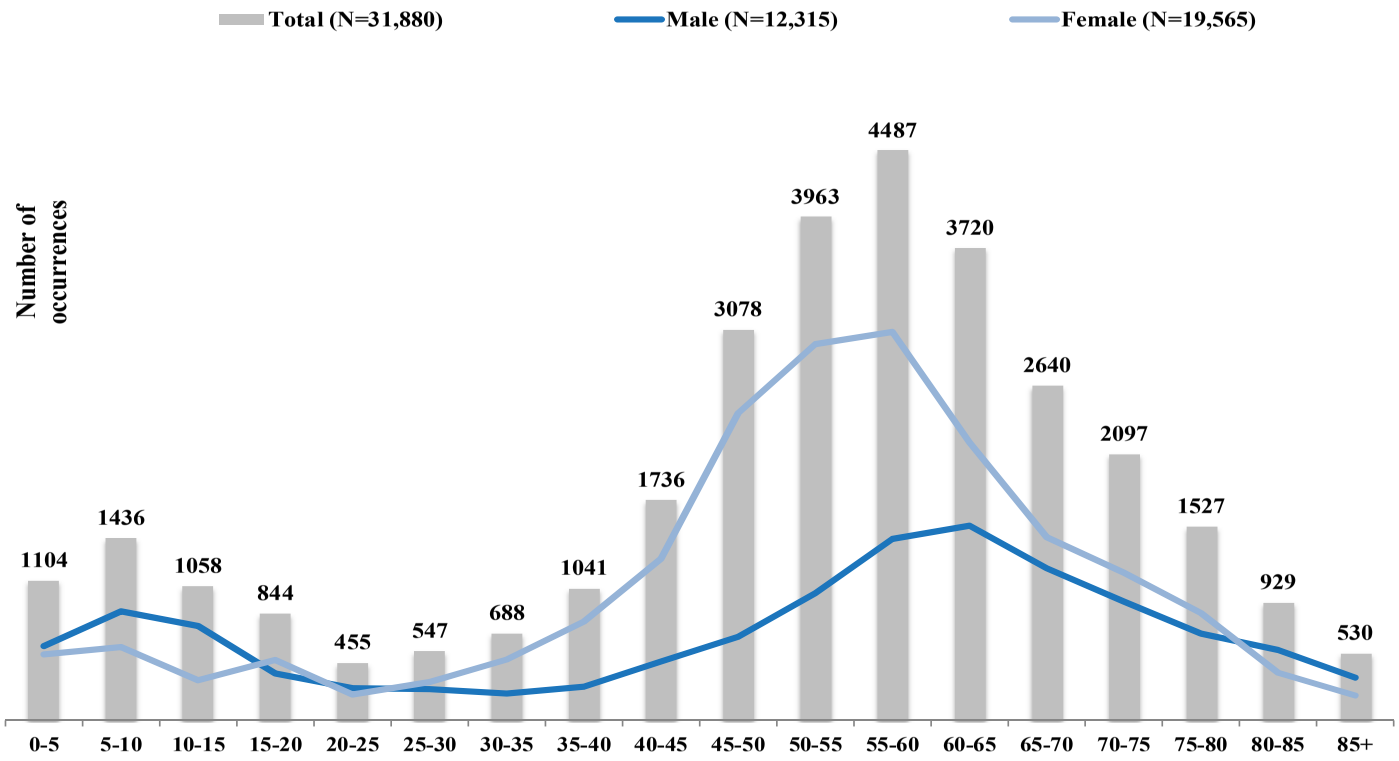
ICD10	Codes	Description	M	F	T
Chapter 20	**V01-Y98**	**External causes of morbidity and mortality**	**M**	**F**	**T**
Total			**1,035**	**912**	**1,947**
Chapter 21	**Z00-Z99**	**Factors influencing health status and contact with health services**	**M**	**F**	**T**
	Z00-Z13	Persons encountering health services for examination and investigation	440	476	**916**
	Z20-Z29	Persons with potential health hazards related to communicable diseases	62	56	**118**
	Z30-Z39	Persons encountering health services in circumstances related to reproduction	150	5,129	**5,279**
	Z40-Z54	Persons encountering health services for specific procedures and health care	6,678	8,424	**15,102**
	Z55-Z65	Persons with potential health hazards related to socioeconomic and psychosocial circumstances	6	6	**12**
	Z70-Z76	Persons encountering health services in other circumstances	750	604	**1,354**
	Z80-Z99	Persons with potential health hazards related to family and personal history and certain conditions influencing health status	2,227	2,524	**4,751**
Total			**10,313**	**17,219**	**27,532**

Total Number of Hospitalized Diagnoses	**144,061**	**178,530**	**322,591**

**Based on discharge data (on 15/07/2019).*
Source: Hospital Billing database, IT department, MoPH.

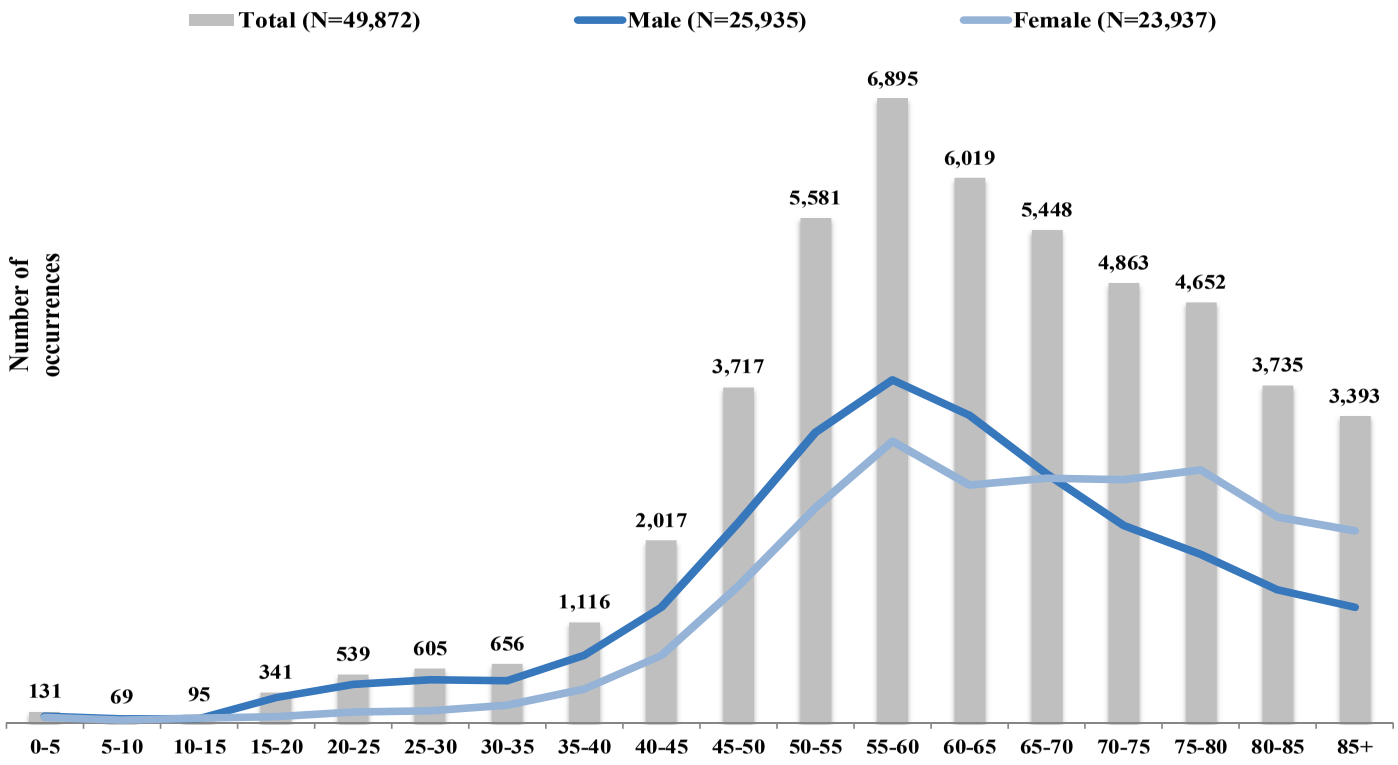
D- Epidemiology

Graph D.1: MoPH subsidized hospitalized* neoplasms cases by gender and age group, 2018**



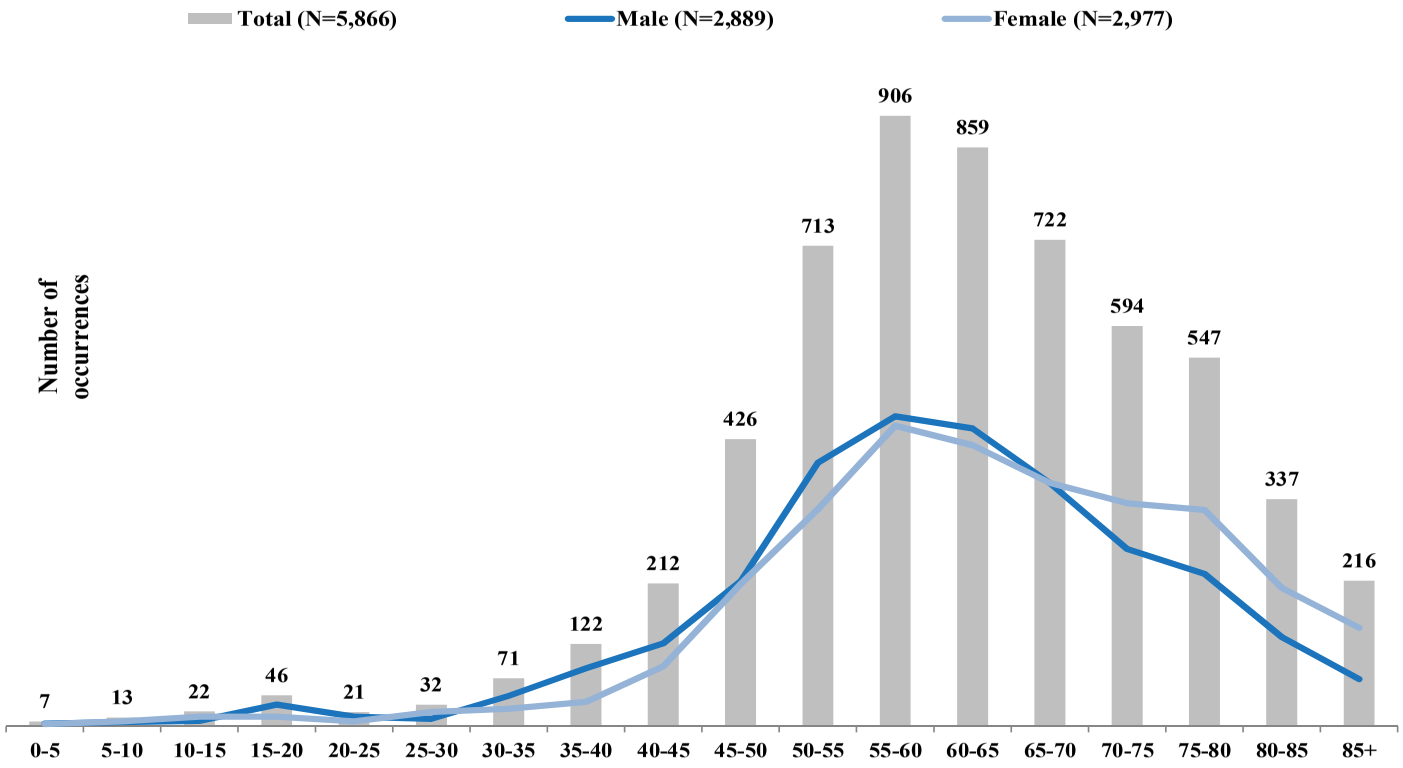
**Based on discharge data (on 15/07/2019).*
***ICD 10 Codes: C00-D48.*
Source: Hospital billing database, IT department, MoPH.

Graph D.2: MoPH subsidized hospitalized* cardiovascular cases by gender and age group, 2018**



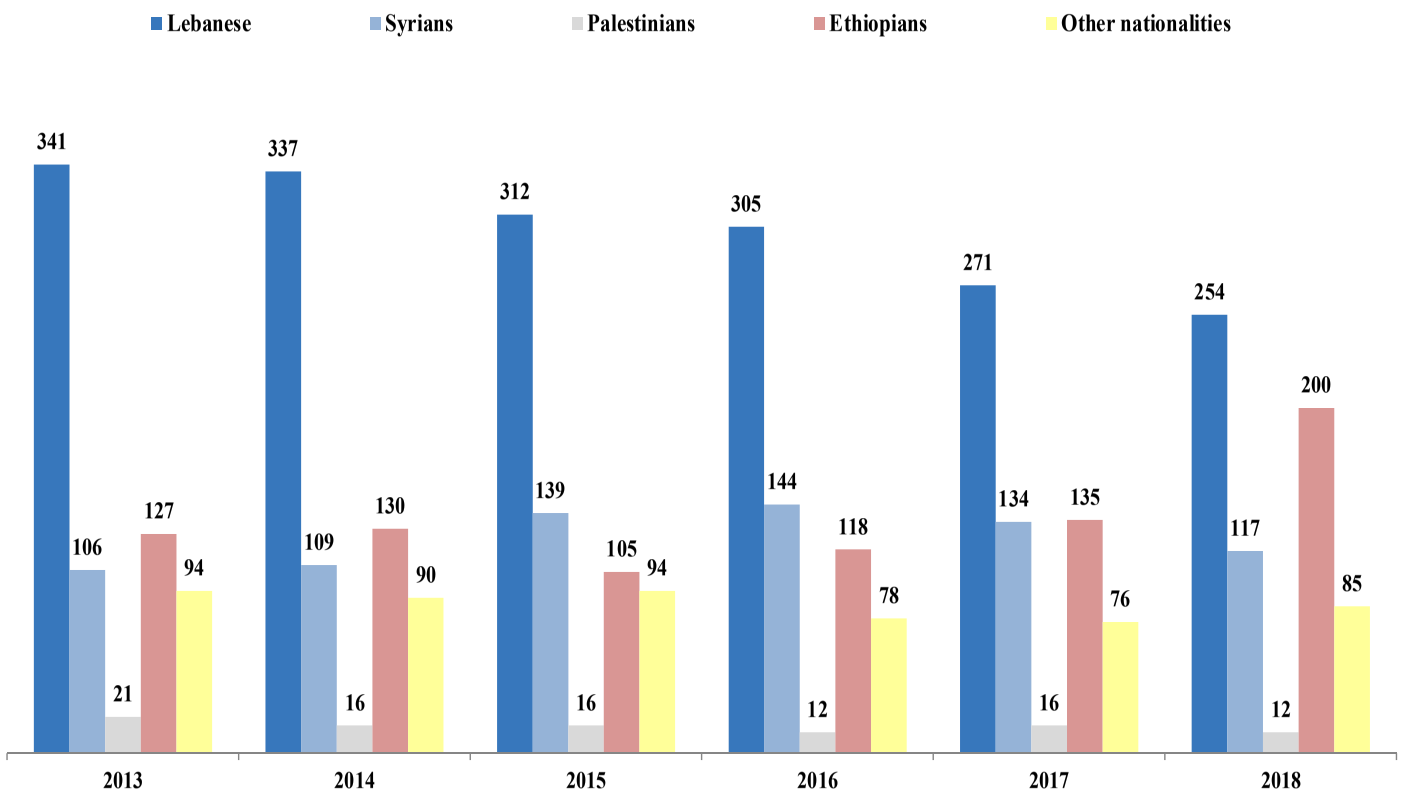
**Based on discharge data (on 15/07/2019).*
***ICD10 codes: I00-I99.*
Source: Hospital billing database, IT department, MoPH.

Graph D.3: MoPH subsidized hospitalized* diabetes mellitus cases by gender and age group, 2018**



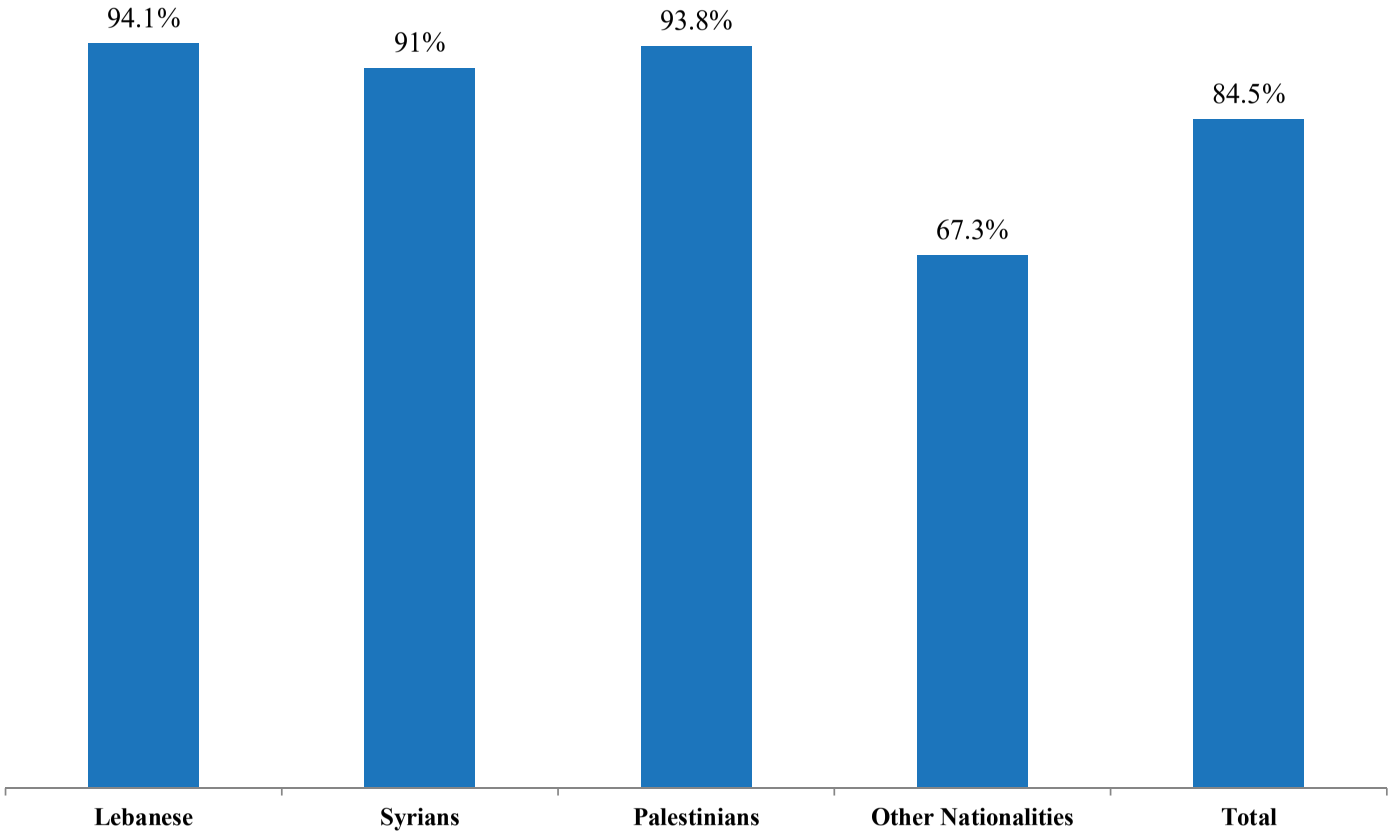
**Based on discharge data (on 15/07/2019).*
***ICD10 codes: E10-E14.*
Source: Hospital billing database, IT department, MoPH.

Graph D.4: Tuberculosis cases by nationality, 2013 - 2018



Source: The National Tuberculosis Program, MoPH.

Graph D.5: Proportion of tuberculosis treatment success by nationality, 2017



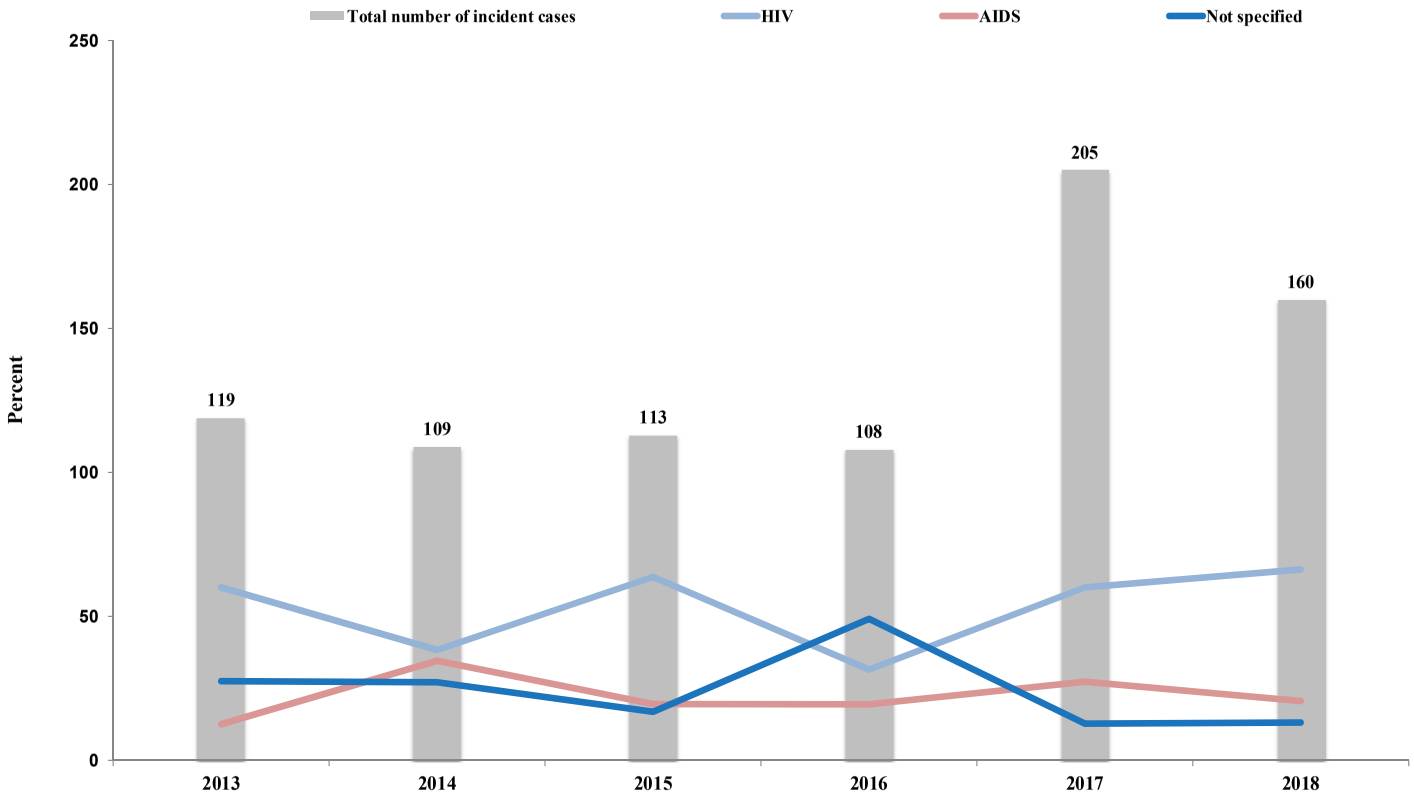
Source: The National Tuberculosis Program, MoPH.

Table D.1: HIV/AIDS estimated incidence in Lebanon, 2018

Number of incident cases in 2018 is 160	
N (%)	
Stages of the Disease	
HIV	106(66.3 %)
AIDS	33(20.6 %)
Not specified	21(13.1 %)
Gender	
Males	151(94.4 %)
Females	9(5.6 %)
Age Group	
0-14	1(0.6 %)
15-29	63(39.4 %)
30-49	79(49.4 %)
>50	12(7.5 %)
Unspecified	5(3.1 %)
Mode of Transmission	
Sexual	158(98.8 %)
Transfusion	0(0)
IDU	0(0)
Perinatal	1(0.6 %)
Not specified	1(0.6 %)
Sexual Behavior	
Homosexual	123(76.9%)
Heterosexual	22(13.8 %)
Not specified	15(9.3 %)
ART	
New until November in 2018	Cumulative
168	1479

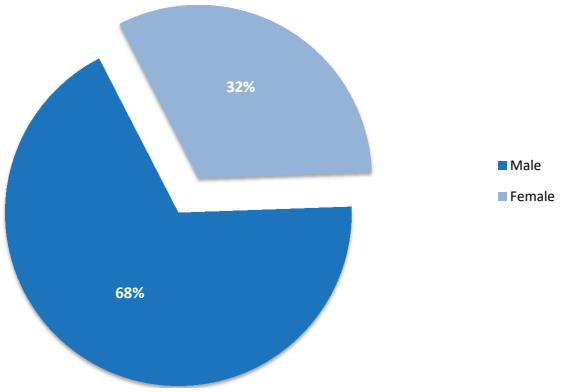
Source: National AIDS Program (NAP), MoPH.

Graph D.6: Incident cases of HIV/AIDS, 2013 - 2018

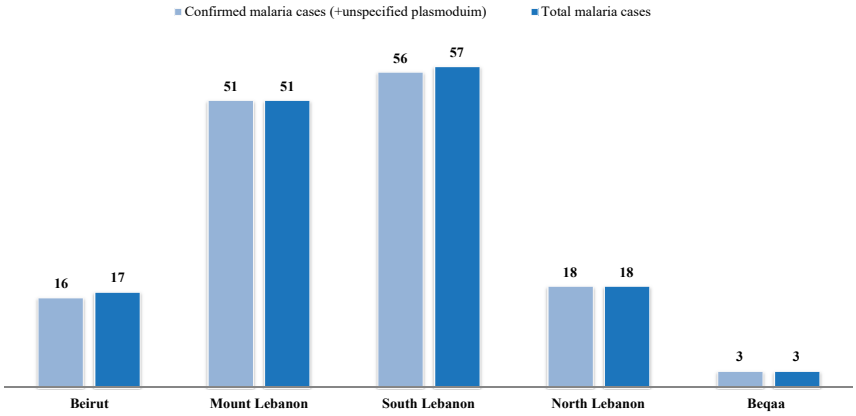


Source: National AIDS Program (NAP), MoPH.

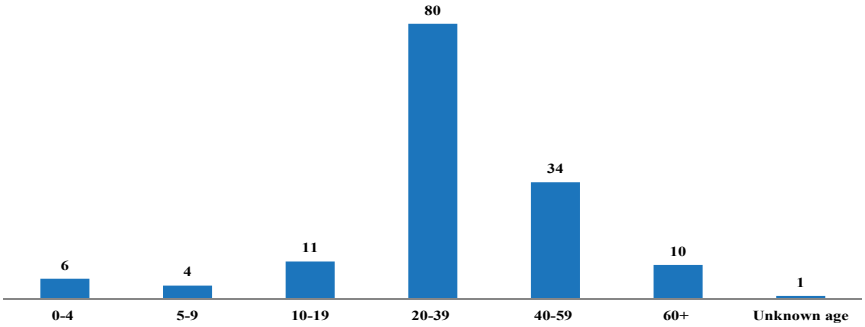
Graph D.7: Reported cases of malaria by gender, 2018



Graph D.8: Confirmed malaria cases by Mohafaza, 2018

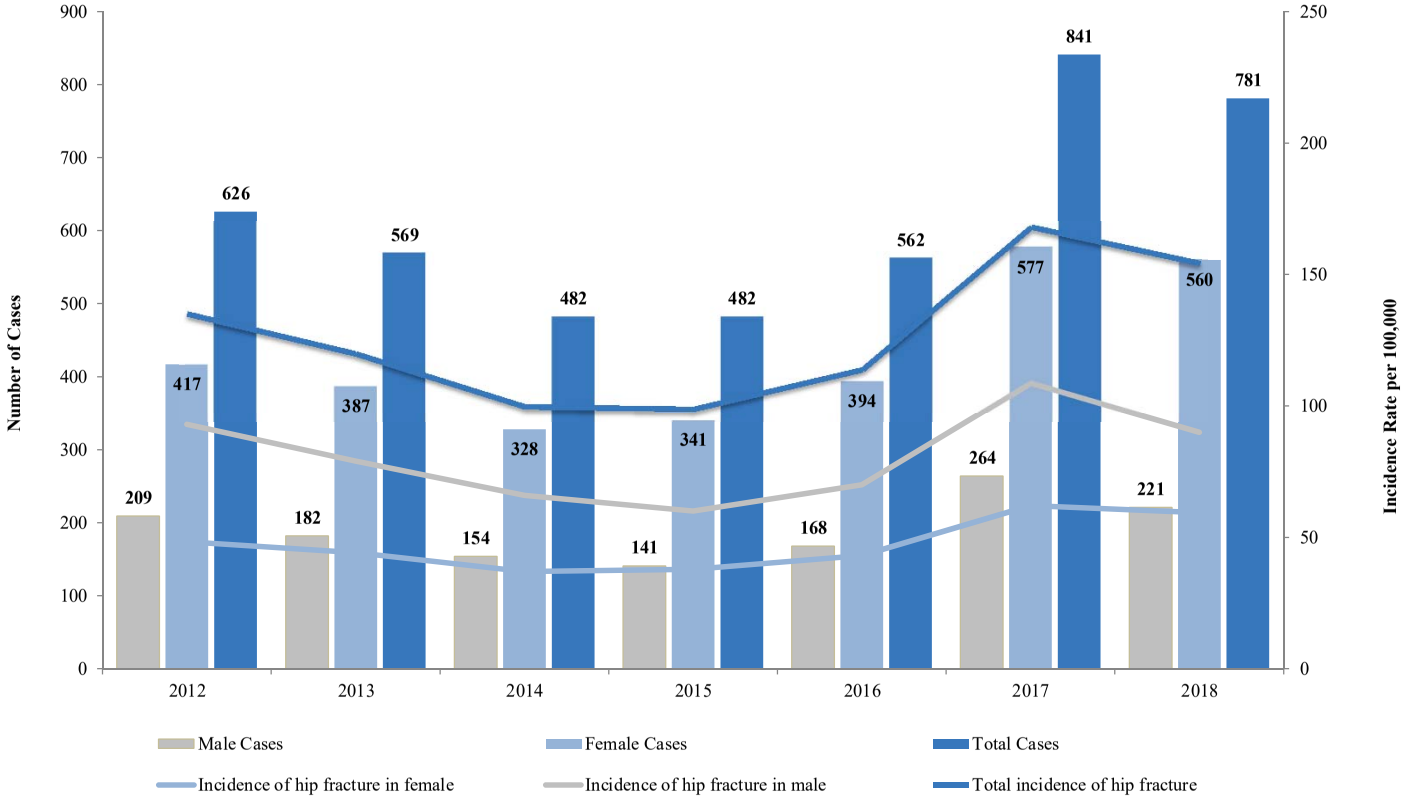


Graph D.9: Reported cases of malaria by age group, 2018



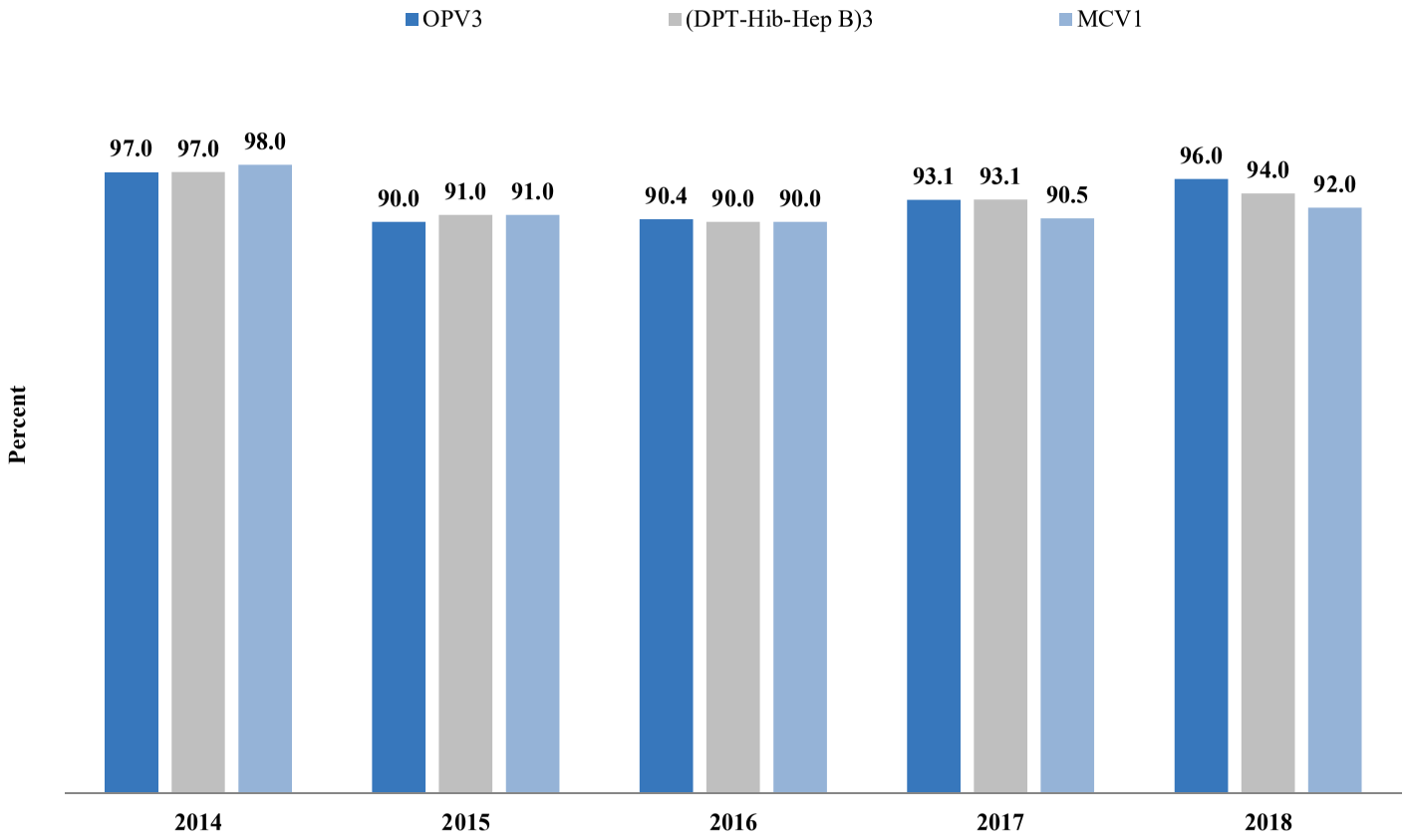
Source: Malaria Eradicated Bureau, MoPH.

Graph D.10: Hip fracture cases* and incidence rate among MoPH eligible population by gender, 2012 - 2018



E- Vaccination and Campaigns

Graph E.1: National immunization coverage rates by polio, measles and pentavalent vaccines, 2014 - 2018



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

F- Diseases' Surveillance Data

Table F.1: Cases of notifiable diseases reported to the MoPH epidemiological surveillance unit by month, 2018

	Total	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Vaccine Preventable Diseases													
Acute Flaccid Paralysis	**88**	10	6	10	4	11	7	8	8	6	5	9	4
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	**952**	24	64	116	138	217	159	80	23	10	19	43	59
Mumps	**121**	17	9	13	6	11	5	18	3	10	20	8	1
Pertussis	**64**	3	11	7	2	4	6	13	3	2	4	4	5
Rabies	**3**	1	0	0	0	0	0	1	1	0	0	0	0
Rubella	**11**	3	2	1	1	3	0	0	0	1	0	0	0
Tetanus	**2**	0	0	0	0	0	0	0	1	0	1	0	0
Tetanus neonatal	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Viral Hepatitis B	**253**	26	24	24	21	21	22	17	29	24	18	13	14
Food & Water Borne Diseases													
Brucellosis	**242**	19	23	21	20	26	24	26	28	16	14	14	11
Cholera	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Dysentery	**207**	16	14	27	17	17	18	23	19	12	12	21	11
Food Poisoning	**459**	22	38	17	37	32	49	64	57	36	36	51	20
Hydatic Cyst	**8**	1	0	0	1	0	0	0	0	1	1	1	3
Parasitic Worms	**1**	0	0	0	0	0	1	0	0	0	0	0	0
Trichinosis	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	**237**	44	24	17	11	22	22	22	23	23	7	14	8
Viral Hepatitis A	**899**	108	73	68	65	47	50	94	103	103	72	82	34
Other Diseases													
Bilharziasis	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Creutzfeld Jakob Disease	**5**	0	1	1	0	1	1	0	0	0	1	0	0
Ebola	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Gonorrhea	**1**	0	0	0	0	0	0	0	0	0	1	0	0
Leishmaniasis	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Leprosy	**1**	0	0	0	0	1	0	0	0	0	0	0	0
Meningitis	**420**	40	23	36	24	38	54	54	46	35	25	20	25
Plague	**0**	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis	**21**	0	4	2	1	2	0	1	1	1	7	0	2
Typhus	**10**	0	0	1	0	1	2	3	1	1	0	0	1
Viral Hepatitis C	**103**	10	9	6	9	12	9	9	6	9	12	4	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, 2018

	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	**88**	51	27	10	0	0	0	0	53	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	**952**	639	189	37	66	12	0	9	506	446	0
Mumps	**121**	34	28	11	2	2	1	43	67	54	0
Pertussis	**64**	40	3	3	0	0	0	18	39	25	0
Rabies	**3**	0	0	1	1	1	0	0	3	0	0
Rubella	**11**	7	0	0	3	1	0	0	5	6	0
Tetanus	**2**	1	0	0	0	1	0	0	2	0	0
Tetanus neonatal	**0**	0	0	0	0	0	0	0	0	0	0
Viral Hepatitis B	**253**	4	0	2	103	64	20	60	152	98	3
Food & Water Borne Diseases											
Brucellosis	**242**	10	6	19	30	29	33	115	109	133	0
Cholera	**0**	0	0	0	0	0	0	0	0	0	0
Dysentery	**207**	68	24	14	20	29	32	20	110	97	0
Food Poisoning	**459**	58	67	111	115	64	19	25	227	228	4
Hydatic Cyst	**8**	0	0	0	2	4	0	2	2	6	0
Parasitic Worms	**1**	0	0	0	1	0	0	0	1	0	0
Trichinosis	**0**	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	**237**	38	13	22	47	23	21	73	114	123	0
Viral Hepatitis A	**899**	109	158	191	180	14	0	247	494	405	0
Other Diseases											
Bilharziasis	**0**	0	0	0	0	0	0	0	0	0	0
Creutzfeld Jakob Disease	**5**	0	0	0	0	1	4	0	4	1	0
Ebola	**0**	0	0	0	0	0	0	0	0	0	0
Gonorrhea	**1**	0	0	0	1	0	0	0	1	0	0
Leishmaniasis	**0**	0	0	0	0	0	0	0	0	0	0
Leprosy	**1**	0	0	0	1	0	0	0	1	0	0
Meningitis	**420**	188	56	50	55	36	32	3	276	144	0
Plague	**0**	0	0	0	0	0	0	0	0	0	0
Syphilis	**21**	1	0	0	13	2	0	5	9	12	0
Typhus	**10**	1	1	1	0	1	0	6	4	6	0
Viral Hepatitis C	**103**	3	0	2	40	25	9	24	78	25	0
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, 2018

	Total	North	Beqaa	Nabatiyeh	South	Mount-Lebanon	Beirut	Unknown
Vaccine Preventable Diseases								
Acute Flaccid Paralysis	**88**	24	23	6	7	23	5	0
Acute Poliomyelitis	**0**	0	0	0	0	0	0	0
Diphtheria	**0**	0	0	0	0	0	0	0
Measles	**952**	124	564	5	15	208	27	9
Mumps	**121**	6	31	7	20	42	8	7
Pertussis	**64**	4	39	5	1	12	2	1
Rabies	**3**	1	1	1	0	0	0	0
Rubella	**11**	1	4	2	1	3	0	0
Tetanus	**2**	2	0	0	0	0	0	0
Tetanus neonatal	**0**	0	0	0	0	0	0	0
Viral Hepatitis B	**253**	6	19	25	33	66	19	85
Food & Water Borne Diseases								
Brucellosis	**242**	14	89	39	25	37	21	17
Cholera	**0**	0	0	0	0	0	0	0
Dysentery	**207**	52	56	0	3	72	3	21
Food Poisoning	**459**	76	153	15	34	159	21	1
Hydatic Cyst	**8**	0	5	1	0	1	1	0
Parasitic Worms	**1**	0	0	0	0	0	0	1
Trichinosis	**0**	0	0	0	0	0	0	0
Typhoid Fever	**237**	46	40	41	26	58	3	23
Viral Hepatitis A	**899**	197	423	38	74	96	28	43
Other Diseases								
Bilharziasis	**0**	0	0	0	0	0	0	0
Creutzfeld Jakob Disease	**5**	3	0	0	0	1	1	0
Ebola	**0**	0	0	0	0	0	0	0
Gonorrhea	**1**	0	0	0	0	0	1	0
Leishmaniasis	**0**	0	0	0	0	0	0	0
Leprosy	**1**	0	0	0	0	1	0	0
Meningitis	**420**	62	58	25	71	145	51	8
Plague	**0**	0	0	0	0	0	0	0
Syphilis	**21**	0	0	0	2	3	3	13
Typhus	**10**	1	0	0	0	3	4	2
Viral Hepatitis C	**103**	4	9	4	5	30	22	29
Yellow Fever	**0**	0	0	0	0	0	0	0

Source: Epidemiological Surveillance Unit, MoPH.

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

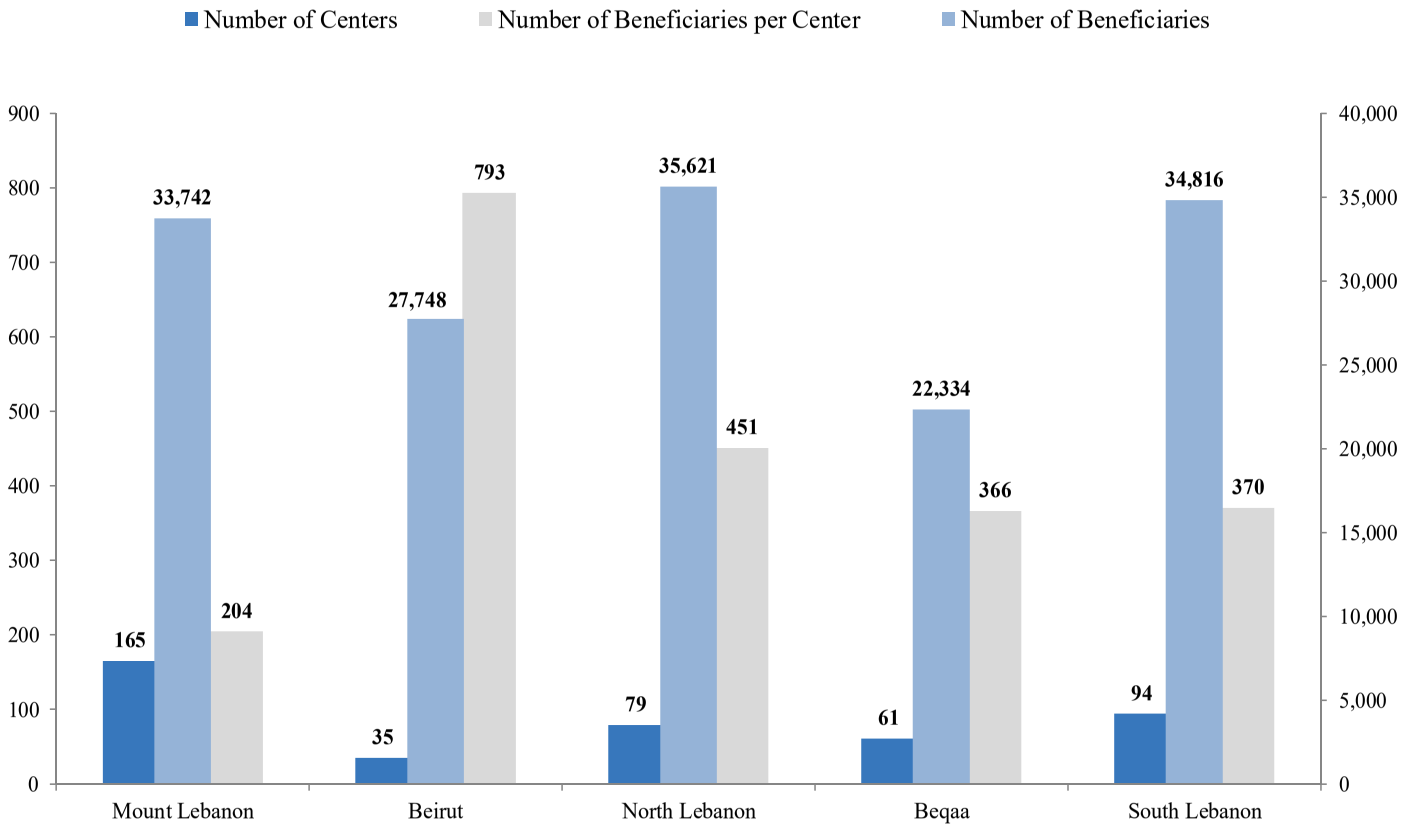
Table G.1: Vital Data Observatory (VDO) statistics by Qada and nationality, 2018

Qada	Deliveries		Vaginal Deliveries		Cesarean Sections		Newborns		Live Births		Live Births less than 2.5 kg		Birth Defects		Still Births		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	5,904	2,694	3,778	1,859	2,126	835	5,983	2,723	5,902	2,670	340	355	36	27	6	0	75	53	17	19	15	18	2	0
Minieh-Danniyeh	994	2,687	774	2,076	220	611	995	2,690	983	2,678	31	19	0	0	3	10	9	2	0	3	0	3	0	1
Tripoli	8,372	5,954	4,587	3,792	3,785	2,162	8,552	5,974	8,483	5,933	611	478	42	11	19	13	50	28	36	22	29	14	0	0
Zgharta	1,772	167	585	58	1,187	109	1,822	177	1,792	172	184	29	3	1	7	1	23	4	4	3	3	3	0	0
Koura	2,063	485	1,046	246	1,017	239	2,163	466	2,144	466	197	42	0	0	7	0	12	0	4	0	3	0	1	0
Bcharreh	23	30	10	21	13	9	24	29	24	28	0	1	0	0	0	1	0	0	0	1	0	1	0	0
Batroun	119	90	52	64	67	26	124	88	122	87	6	2	2	1	1	1	1	0	1	0	1	0	0	0
Hermel	960	882	175	454	785	428	960	902	950	887	38	35	1	4	7	14	3	1	0	0	0	0	0	0
Baalbek	3,532	3,575	756	2,383	2,776	1,192	3,612	3,604	3,580	3,540	488	410	9	12	7	7	25	57	28	39	24	33	0	2
Zahleh	5,469	9,250	1,651	6,385	3,818	2,865	5,708	9,212	5,648	9,052	425	667	22	33	7	74	53	86	17	43	15	33	0	2
Rachaiya	343	372	138	274	205	98	345	376	344	376	51	46	0	1	1	0	0	0	0	1	0	1	0	0
West Beqaa	398	3,805	123	2,191	275	1,614	380	3,903	379	3,838	33	298	0	3	0	0	1	65	0	0	0	0	0	0
Nabatiyeh	3,688	1,321	1,222	786	2,466	535	3,753	1,324	3,721	1,311	173	92	21	8	3	0	29	13	23	8	10	8	0	1
Hasbaiya	135	3	40	0	95	3	135	3	135	3	5	0	0	0	0	0	0	0	0	0	0	0	0	0
Marjaayoun	664	608	258	418	406	190	670	615	663	615	39	46	0	0	2	0	5	0	1	0	0	0	0	0
Bent Jbayl	631	628	363	494	268	134	633	630	616	601	14	57	4	3	11	29	6	0	0	1	0	1	0	0
Saida	4,442	8,928	1,671	5,399	2,771	3,529	4,616	9,094	4,567	8,965	451	1,017	29	86	10	53	39	76	39	116	32	90	1	2
Sour	2,972	2,649	1,162	1,611	1,810	1,038	3,077	2,651	3,049	2,607	270	216	22	7	5	22	23	22	21	10	19	7	0	0
Jezzine	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jbayl	1,345	158	545	114	800	44	1,447	125	1,422	124	219	15	11	0	3	0	22	1	6	0	5	0	0	0
Keserwan	1,194	1,436	532	845	662	591	1,205	1,472	1,199	1,454	113	117	7	8	1	3	5	15	3	10	2	9	0	0
Matn	4,528	1,823	1,544	988	2,984	835	4,703	1,837	4,667	1,823	496	116	21	1	18	9	18	5	19	0	15	0	1	0
Baabda	9,003	5,178	3,485	3,223	5,518	1,955	9,330	5,172	9,229	5,066	884	441	107	127	21	10	80	96	65	50	49	45	1	0
Aaley	321	382	138	268	183	114	328	384	328	374	14	19	0	0	0	5	0	5	0	0	0	0	0	0
Chouf	1,112	4,981	471	3,133	641	1,848	1,133	5,017	1,114	4,960	91	574	2	17	2	1	17	56	4	45	3	33	0	2
Beirut	7,484	714	3,289	409	4,195	305	7,948	573	7,886	566	894	54	48	0	8	1	54	6	19	1	14	0	1	0
Total	**67,468**	**58,800**	**28,395**	**37,491**	**39,073**	**21,309**	**69,646**	**59,041**	**68,947**	**58,196**	**6,067**	**5,146**	**387**	**350**	**149**	**254**	**550**	**591**	**307**	**372**	**239**	**299**	**7**	**10**

L= Lebanese; NL=Non-Lebanese.
Source: Vital Data Observatory (VDO), MoPH, (14/03/2019).

H- Medication for Chronic Illnesses Program: the YMCA Records

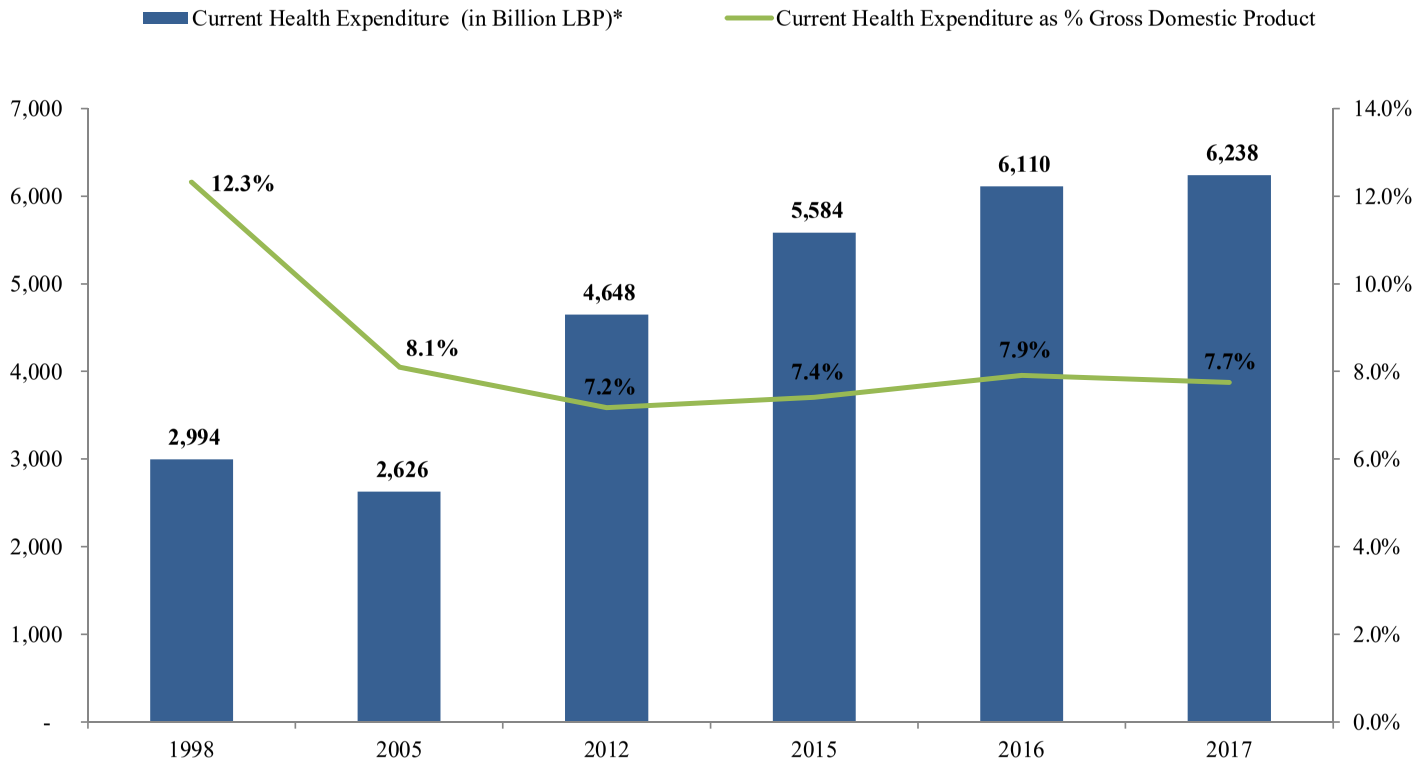
Graph H.1: Socio-medical centers and beneficiaries per center by Mohafaza, 2016



Source: Chronic drugs program, MoPH, YMCA.

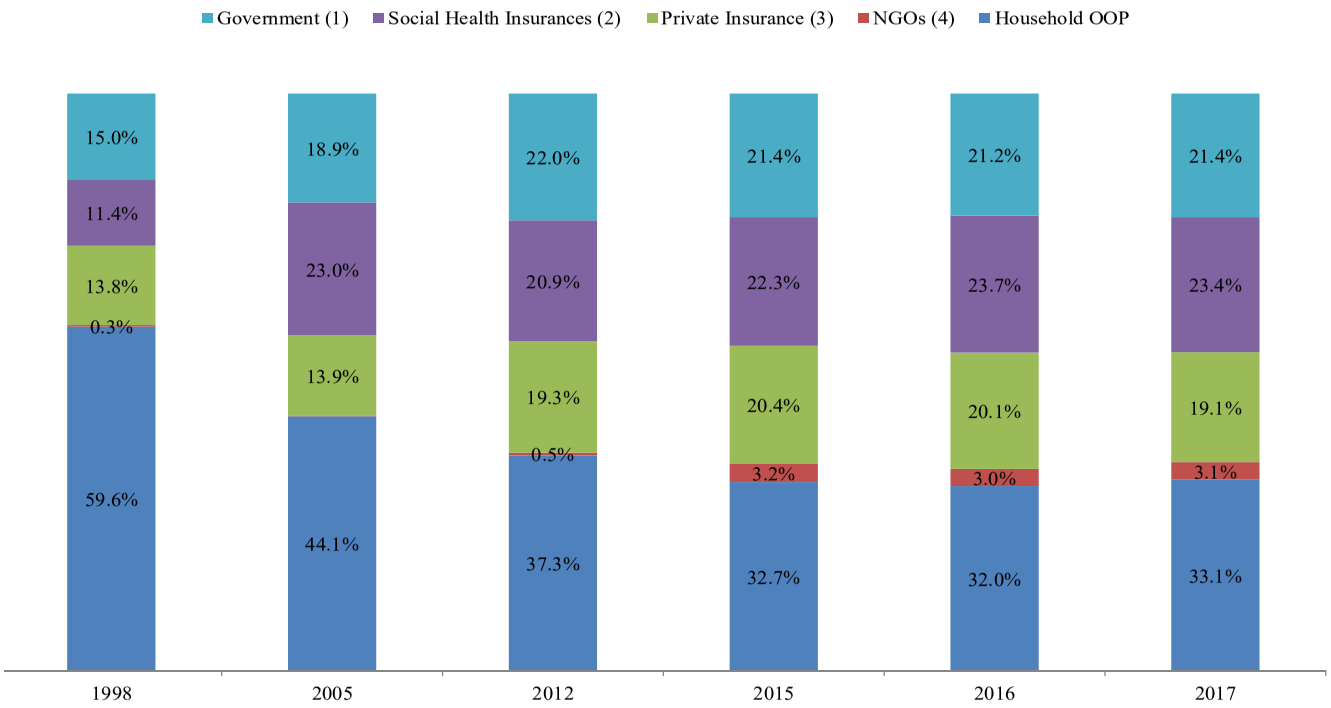
I- National Health Accounts

Graph I.1: Current health expenditure as % gross domestic product in the years health accounts data are available



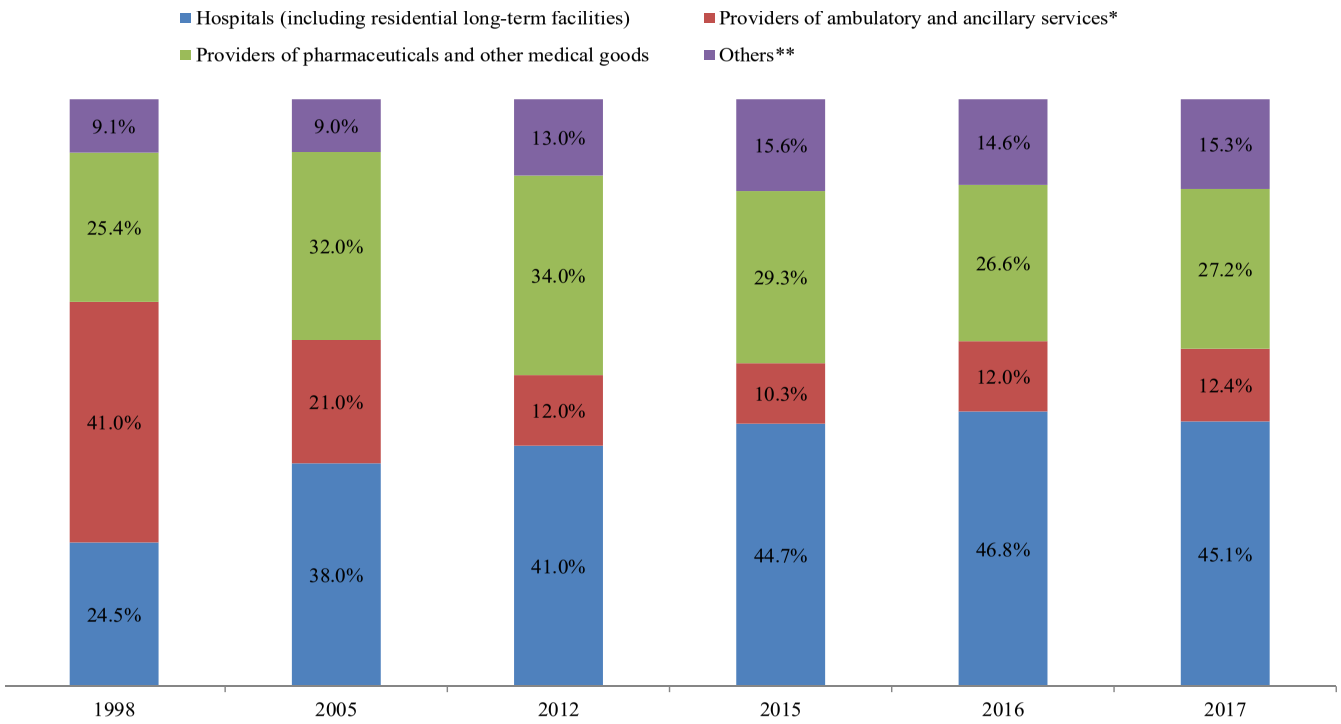
**Total Health Expenditure instead of Current Health Expenditure for the years 1998 and 2015.*
Source: - NHA 1998, 2005, 2012, 2015, 2016, 2017 -MoPH.
- Central Administration of Statistics (CAS).

Graph I.2: Distribution of healthcare expenditure by financing agent in the years health accounts data are available



(1) Includes Ministry of Public Health and Military Schemes (Army, Internal Security Forces, General Security, State Security, and Customs).
(2) Includes National Social Security Fund and Mutuelle des Fonctionnaires de l'Etat (previously known as Civil Servants Cooperative).
(3) Includes private insurances, mutual funds, and corporations.
(4) Includes local and inter national NGOs.
Source: NHA 1998, 2005, 2012, 2015, 2016 and 2017 - MoPH.

Graph I.3: Distribution of healthcare expenditure by type of provider in the years health accounts data are available

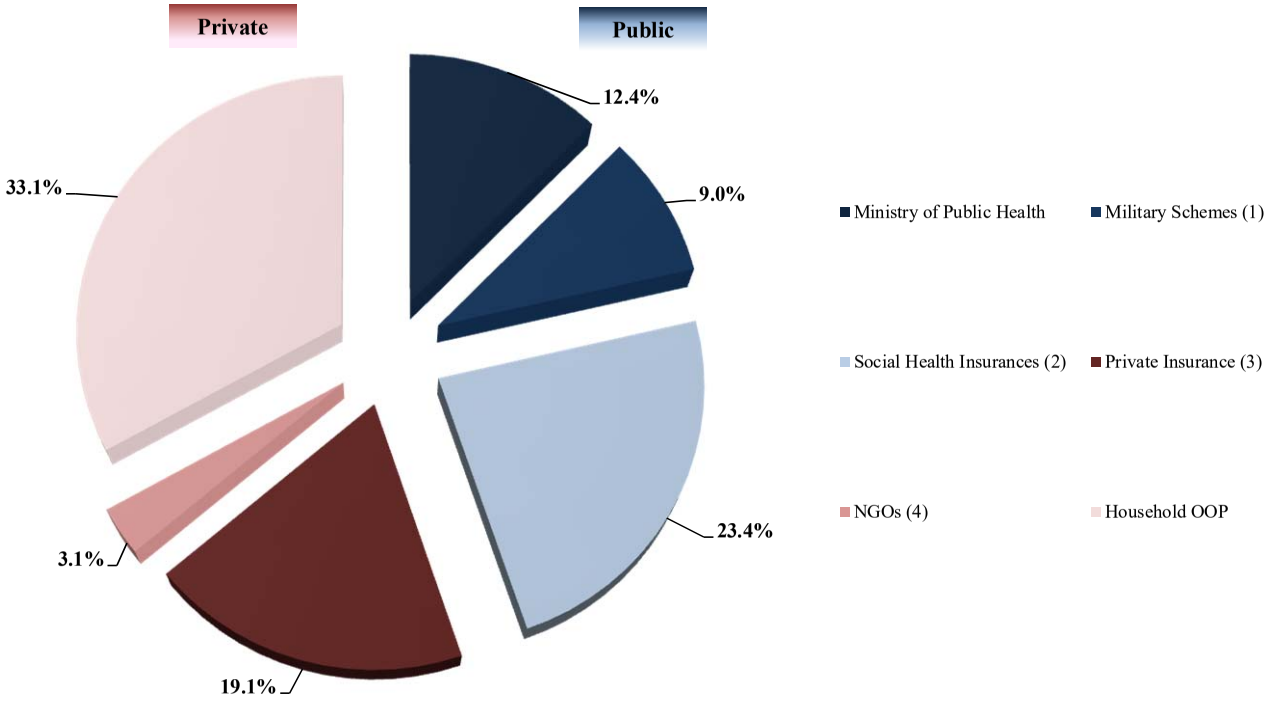


** Includes providers of all ambulatory services such as providers of medical consultations and dental practice and providers of ancillary services such as laboratory and imaging services.*

***Includes providers of preventive care, providers of health care administration and financing, the rest of the economy, providers outside Lebanon, un-classified expenditures, and some expenditures falling within the boundaries of health and not elsewhere classified .*

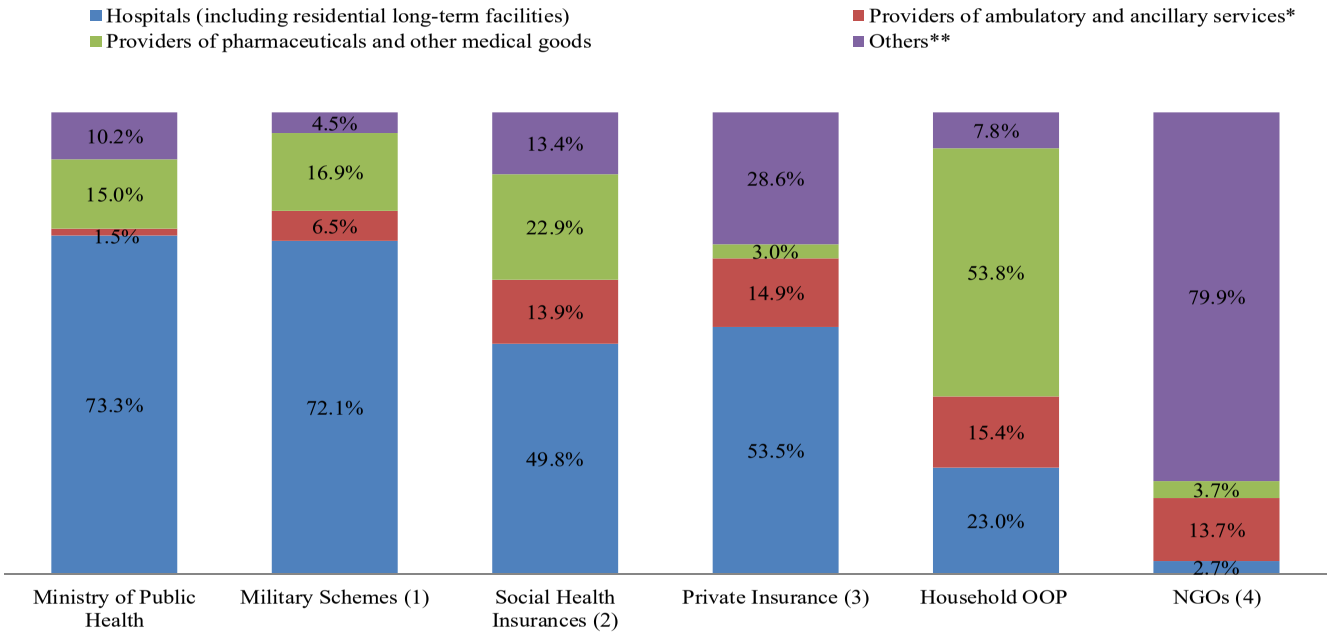
Source: NHA 1998, 2005, 2012, 2015, 2016, and 2017 - MoPH.

Graph I.4: Distribution of healthcare expenditure by financing agent in 2017



(1) Includes Army, Internal Security Forces, General Security, State Security, and Customs .
(2) Includes National Social Security Fund and Mutuelle des Fonctionnaires de l'Etat (previously known as Civil Servant Cooperative).
(3) Includes private insurances, mutual funds, and corporations.
(4) Includes local and international NGOs.
Source: NHA-2017 - MoPH.

Graph I.5: Breakdown of health expenditure by financing agent and healthcare provider in 2017



(1) Includes Army, Internal Security Forces, General Security, State Security, and Customs .
(2) Includes National Social Security Fund and Mutuelle des Fonctionnaires de l'Etat (previously known as Civil Servant Cooperative).
(3) Includes private insurances, mutual funds, and corporations .
(4) Includes local and international NGOs Includes providers of all ambulatory services such as providers of medical consultations and dental practice and providers of ancillary services such as providers laboratory and imaging services.*
***Others include providers of preventive care, providers of health care administration and financing, the rest of the economy, the rest of the world, un-classified expenditures, and some expenditures falling within the boundaries of health and not elsewhere classified .*
Source: NHA 2017 - MoPH.

Acknowledgments

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

- His Excellency the Minister of Public Health, *Dr. Jamil Jabak*
- 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
- Faculty of Health Sciences-American University of Beirut
- Syndicate of Hospitals.
- Private and Public Hospitals.

Special thanks to the Statistics Department's team: Ms. Carine Al-Sokhn, Ms. Soha Hourani, and Ms. Mathilda Jabbour.

Head of Statistics Department

Hilda Harb

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