

REPUBLIC OF LEBANON MINISTRY OF PUBLIC HEALTH

الجمهوريّة اللبنانية وزارَة السحيّة العرّساميّة

مقدم____ة

إن الثقة التي يوليها المواطن للسياسة الصحية العامة تعتمد أولاً ، وقبل المستندات ، على مدى الشفافية المعتمدة في التعامل على مختلف المستويات الصحية، من خدمات وقائية أو علاجية أو من حيث التعامل مع المواطنين، مروراً بإنتاج المعلومات.

تعتبر المعلومات حقاً لكل مواطن، لذلك وجرياً على عادها في كل عام ، واضطلاعاً بدورها القيادي في الرعاية الصحية، تصدر وزارة الصحة العامة تقريرها الإحصائي السنوي ، متخذاً من الارقام الإحصائية منطلقاً لسياسة صحية رشيدة مبنية على الحقائق والبراهين العلمية.

بشكل عام، تعمد وزارة الصحة العامة إلى إنتاج المعلومات المتعلقة بالخدمات التي تقدمها من ضمن مسؤولياتها وصلاحيتها على الأراضي اللبنانية كافة، إلا أن الأرقام قد تكون غير ذات معنى إن لم تقترن بالمجموعة من السكان متلقي الخدمات، أو الذين هم مخولون الاستفادة من تلك الخدمات. في هذا الإطار نعمد إلى تقدير أعداد المواطنين في نطاق خدمات الوزارة وذلك في غياب التعداد السكاني الضروري لتلك الغاية مما يجعل التقديرات غير دقيقة في بعض الأحيان مع التغيرات الحاصلة على صعيد المتروح الداخلي والهجرة، إلا أنما تبقى الوحيدة المتوفرة ؛كما إنما تخضع على الدوام إلى عملية تنقيح وتصويب وتحديث مستعينين لذلك بالمسوح الأسرية التي تجريها دوريا إدارة الإحصاء المركزي حتى نتمكن من إبعاد الشك عن دقائقها وتفاصيلها ،من خلال تقريبها إلى الواقع.

مما لا شك فيه، إن أدق المعلومات هي التي تنتج من أنظمة الترصد إذ أنما ترتكز على السرعة في رصد الحدث بغية معالجته بالوقت المناسب. فبالإضافة إلى نظام الترصد الوبائي القائم، استحدثت الوزارة مرصد وفيات الأمهات والمواليد في بداية العام ٢٠١١ بحيث يتم الآن رصد جميع وفيات الأمهات والمواليد والتشوهات الخلقية وأسبابها والتحقق منها لتفاديها وإيجاد السبل المثلى للوقاية منها.

أما في ما يتعلق بالإنفاق الصحي والحسابات الصحية الوطنية، فهي بحاجة إلى تحديث بانتظار صدور الدراسة الجديدة للأحوال المعيشية للأسر والتي تتضمن بعض الأسئلة عن الإنفاق الصحي الخاص والمباشر الضروريين لإنتاج مثل هذه الحسابات، على أمل أن نستطيع تحديث حسابات الإنفاق الصحى في نشرة العام المقبل.

إن السياسات الصحية تبقى نتيجة حتميه لتضافر جهود الشركاء في القطاع الصحي، من ممولي الخدمات، إلى مقدميها ومتلقيها، إلى منتجي الإحصاءات الصحية و مستخدميها. ففي كل المجتمعات تتضاعف حاجات الصحة بالتوازي مع ما يطرأ على حياة المواطنين من تنوع، مما يحتم على أنظمة المعلومات مواكبة هذا التطور.

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

رئيسة دائرة الإحصاءات الحيوية والصحية

هيلدا تحرب



	Page
Foreword	Ü
Table of Contents	
Summary Tables	
Table 1: Selected Indicators of Lebanon, 2009-2011	3
Table 2: MOPH Itemized Budget for the Past Three Years (Thousands LBP*)	4
Population Data	
Table 3: Number of Registered Births By Month and Qada, 2011	5
Table 4: Number of Births That Have Occurred and Were Registered in 2011, By Qada	6
Table 5: Number of Registered Deaths By Month and Qada, 2011	7
Table 6: Resident Population* Distribution By Mohafaza and Qada, 2004-2011	8
Table 7: Resident Population* Distribution By Age Group and Gender, 2011	9
Table 8: Resident Population* Distribution By Age Group and Qada, 2011	10
Table 9: Resident Population* Distribution By Age Group, Qada, and Some Basic Indicators,	11
2011	
MOPH In-Patient Services Utilization Data	
Graph 1: Number of Hospitals Contracting With The MOPH By Mohafaza and Type, 2011	12
Graph 2: Number of Subsidized In-Patients by Qada of Origin and Hospital Location, MOPH 2011	13
Graph 3: Number of MOPH Patients by Qada of Origin and Type of Hospital, 2011	14
Graph 4: Number of Admissions by Type of Hospital and Location, MOPH 2011	15
Graph 5: The Evolution of MOPH Subsidized Admissions in Public and Private Hospitals	16
Between 2005 and 2011 Graph 6: MOPH Subsidized Admissions By ICD10 Categories of Diagnosis, 2011	17
Table 10: MOPH Subsidized Hospital Admissions By Categories of Diagnosis and Gender, 2011	18
Graph 7: MOPH Subsidized Admissions by Category of Diagnosis and Gender, 2011	25
Graph 8: Number of Diagnoses, Number of Patients, and Morbidity per Patient By Qada, 2011	26
Graph 9: Percent Hospitalized Morbidities Among Eligibles By Age Group and Gender, 2011	27
Graph 10: Percent Population Hospitalized Among Eligible Population By Qada, 2011	28
Epidemiology	20
Graph 11: Number of Hospitalized Cases of Diabetes By Qada, 2011	29
Graph 12: Cases of Neoplasms Subsidized by the MOPH By Age and Gender, 2011	30
Graph 13: The Trend in MOPH Subsidized Hospitalized Cases of Neoplasms By Age	31
Group, 2006-2011 Graph 14: The Trend in MOPH Subsidized Hospitalized Male Cases of Neoplasms By	32
Age Group, 2006-2011 Graph 15: The Trend in MOPH Subsidized Hospitalized Female Cases of Neoplasms By	33
Age Group, 2006- 2011 Graph 16: Percent Breast Ca out of total Female Neoplasms by Qada, 2011	34
Graph 17: Hospitalized Cases of Malignant Neoplasms of the Breast by Age, 2010-2011	
Graph 18: MOPH Subsidized Hospitalized Cardiovascular Cases By Gender and Age Group,	35
2011	-
Graph 19: MOPH Subsidized Hospitalized Cardiovascular Cases By Gender and Qada, 2011	37
Graph 20: Number of MOPH Subsidized Open Heart Surgeries By Category, 2011	38
Table 11: HIV/AIDS Incidence in Lebanon, 2011	39
Vaccination	
Table 12: National Immunization Coverage Rates For Polio by Qada, 2011	40



Diseases' Surveillance Data	
Table 13: Cases of Notifiable Diseases Reported to The MOPH Surveillance Unit By Month,	41
2011	
Table 14: Cases of Notifiable Diseases Reported to The MOPH By Age Goups and Gender, 2011	42
Table 15: Cases of Notifiable Diseases Reported to The MOPH By Region, 2011	43
Maternal Neonatal Mortality Notification System (MNMNS)	
Table 16: Maternal Neonatal Mortality Notification System Statistics by Qada, 2011	44
Medication for Chronic Illnesses Program: the YMCA Records	
Graph 21: Cumulative Number of Beneficiaries of the YMCA Chronic Drugs Program by Age	45
and Gender, as on December 2011	
Graph 22: Cases of Chronic Conditions*, 2006-2011	46
Graph 23: Percent Prevalence of Chronic Conditions Among Users, YMCA 2011	47
Graph 24: Number of Socio-medical Centers and Number of Beneficiaries Per Center by	48
Mohafaza YMCA, 2011	
Graph 25: Proportions of Co-Morbidities in Patients Suffering from Chronic Conditions, YMCA	49
2011	
Drug Dispensing Center Records	
Graph 26: Total Number of Patients Benefiting from the Drug Dispensing Center and New Cases	50
by Mohafaza, 2011	

For comments and suggestions, Kindly contact:

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	Unit	2009	2010	2011	Latest figures (year
Demographic Indicators					
<u> </u>	1000 sitimons	3.891	3,962	4.036	4.036 (2011)
Population Estimate* Number of Births	1000 citizens	88,206	91,795	97,887	//
		20,858		23,257	97,887 (2011)
Number of Deaths	4000			,	23,257 (2011)
Crude Birth Rate	per 1000 mid year pop	22.8	23.2	24.3	24.3(2011)
Crude Death Rate	per 1000 mid year pop	5.4	5.4	5.8	5.8 (2011)
Population Growth Rate		1.7	1.8	1.8	1.8 (2011)
Population by Age					
	percent	24.8	24.6	24.6	24.6 (2011)
	percent	9.8	9.8	9.7	9.7 (2011)
Dependency ratio		52	52	52	52 (2011)
Unemployment Ratio (for ages 15-64)		6.4			6.4 (2009)
Total Fertility Rate					1.9 (2004)
Budgetary Resources Indicators					
Total GPD	Billion Leb. Pounds	52,235	55,965		55,965(2010)
Allocated to MOPH from Total Gov Budget	percent	2.7	2.5	2.7	2.7 (2011)
Annual Budget of MOPH	Billion Leb. Pounds	439.7	486.7	527.9	527.9 (2011)
Annual Budget of MOPH per capita	\$US	73.3	82	87	87 (2011)
National Health Expenditure per capita	\$US	. 5.0) a		460 (2005)
National Health Expenditure as % GDP	percent	<u> </u>			8.3 (2005)
Manpower and Physical Resource Indicators	per 10,000 population				0.0 (2000)
Physicians	po o,ooo population	35.4	30.7	32	32.0 (2011)
Dentists		13.3	14.3	14.7	14.7 (2011)
Pharmacists		12.2	14.6	15.7	15.7 (2011)
Nursing and Midwifery Personnel		22.2	23.3	27.2	
					27.2 (2011)
Hospital Beds		34.5	34.5	34.5	34.5 (2011)
Coverage with Primary Health Care Indicators					
Infants Fully Immunized-DPT	Percent Immunized	96	94	95	95 (2011)
Infants Fully Immunized-OPV	Percent Immunized	93	94	96	96 (2011)
Infants Fully Immunized-Measles	Percent Immunized	93	95	98	98 (2011)
Infants Fully Immunized-Hepatitis B	Percent Immunized	96	94	95	95 (2011)
Population with Access to Safe Drinking Water	percent				100 (2004)
Married Women Using Contraceptives	percent	54			54 (2009)
Health Status Indicators					
Infant Mortality Rate	per 1000 Live Births	9			9 (2009)
Less than five mortality rate	per 1000 Live Births	10			10(2009)
Maternal Mortality Ratio	per 100.000 Live Births			25	25 (2011)
Selected Morbidity Indicators	Number of Notified Case	c 2011		40	23 (2011)
Cholera	Number of Notified Case	0	0	0	0
Polio Magalas		23	0 11	9	<u> </u>
Measles					
Diphteria T-t		0	0	0	0
Tetanus		2	2	2	2
Neonatal Tetanus		1	0	0	0
Malaria		47	66	83	83
AIDS		23	21	37	37
	Sources of Informat	ion			
Maternal Nec	natal Mortality Notifica	ation Sys	tem, 201	11	
Central Administration for Sta					MOSA/CAS
Expanded Program on Immuniz		Ecc			of Lebanon 2010-
• •	· ·				ouncil of Ministers
Estimated Population from the 2004 and 2007		110	July (or the or	or milliotters
in addition to Registered Births and Death	s at Dept of Statistics		MICS3	2009	CAS/UNICEF.
			111000	, 2000.	OHIODE.
NHA 2004-2005	National AIDS		S	yndicate	Figures
	Program (NAP)				
Epidemiological Surveilance Unit	Malaria Control				
Epidemiological Surveilance Unit	Program, MOPH	G	overnm	ent Budg	ارقام الموازنة العامة et

^{*} Excluding Palestenian Camps which gather around 227,000 residents according to UNRWA latest figures.



Table 2: MOPH Itemized Budget for the Past Three Years ('000 LB

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نسبة موازنة وزارة الصحة الى الموازنة العامة/ بدون خدمة الدين	4.46	3.84	3.77	MOPH Budget out of Total Government Budget (without debt)
نسبة موازنة وزارة الصحة الى الموازنة العامة/مع خدمة الدين	2.70	2.49	2.67	MOPH Budget out of Total Government Budget (with debt)
مجموع الموازنة العامة بدون الديون المتوجبة	9,863,000,000	12,677,479,686	13,997,000,000	Total Government Budget Excluding Debt
ديون متوجبة الأداء	6,441,000,000	6,860,120,314	5,776,000,000	Government Debt
مجموع الموازنة العامة	16,304,000,000	19,773,000,000 19,537,600,000	19,773,000,000	Total Government Budget
مجموع موازنة وزارة الصحة العامة	439,747,598	486,658,209	527,873,809	Total MOPH Budget
الجزء الثاني (وزارة الصحة + المختبر المركزي)	1,523,000	3,797,000	15,007,000	Part Two (Central Lab+MOPH)
المختبر المركزي جزء أول	948,500	977,500	925,500	Central Laboratory (Part One)
نفقات اخرى	13,936,228	18,593,039	19,690,039	Other Expenses
ألمخصصات والرواتب والأجور	27,522,100	27,472,900	27,433,500	Salaries and other employees' benefits
مساهمات للقطاع غير الحكومي	12,817,770	12,817,770	12,817,770	Contributions to NGOs
الوية	66,000,000	91,000,000	110,000,000	Drugs
مستشفيات حكومية	12,000,000	12,000,000	12,000,000	ublic Hopsitals
نفقات استشفاء في القطاع الخاص	305,000,000	320,000,000	330,000,000	Hospitalization in private sector
	2009	2010	2011	

Source: Government Budget 2009, 2010, 2011

المصدر: الموازنة العامة، 2010-2010

budgeted amount for drugs is increasing year after year, and has increased from 15% to of the MOPH budget in 2009, forms now about 62% of the budget. On the other hand, the budget increase was about 8.5%. The hospitalization coverage which used to consume 72% 18% to 21% of the budget between 2009, 2010 and 2011, respectively. The total government budget had almost leveled between 2010 and 2011, while the MOPH

affect the accuracy of the number given in a year. In addition, there should always be worth noting that data flaws are expected. There is a delay in registration which might There were registered and reported 97,887 births in Lebanon during the year 2011. It is



consideration for the births occurring abroad and are yet registered which overestimates the actual resident births.

Table 3: Number of Registered Births By Month and Qada, 2011

Total	Beirut	Zgharta	Zahle	Tripoli	Sour	Saida	Rachaya	Nabatieh	Metn	Menieh-dennieh	Marje3yon	Koura	Kesserouan	Jezzine	Jbeil	Hermel	Hasbaya	Chouf	Bint jbeil	Beqaa gharbi	Bcharri	Batroun	Baalback	Baabda	Aley	Akkar	Qadaa
9305	837	187	436	588	532	810	175	220	143	360	351	124	116	110	163	156	85	390	485	296	149	80	963	212	168	1169	January
7313	720	173	325	451	470	803	100	141	129	311	272	66	98	54	128	148	107	315	293	202	91	92	749	132	119	824	February
8288	699	273	347	525	543	769	116	170	136	437	258	84	131	75	118	210	56	361	367	287	107	99	833	153	165	969	March
7562	778	266	330	552	489	791	72	139	154	418	273	99	109	81	118	123	81	334	338	205	118	87	297	181	256	873	April
8439	843	286	375	510	473	858	160	143	137	430	248	109	145	87	125	125	100	365	393	232	179	141	791	146	156	882	Мау
8064	736	155	348	565	460	783	94	150	155	377	311	93	148	111	132	158	104	306	338	216	158	133	777	138	178	940	June
8227	728	176	397	591	440	767	102	168	155	343	321	84	135	95	154	119	115	352	366	281	109	96	907	176	209	841	July
7932	732	158	335	577	552	757	85	171	177	340	283	75	141	72	136	136	120	376	330	217	100	89	734	212	174	853	August
9301	800	190	445	581	550	799	146	196	208	393	344	119	140	102	166	190	91	436	640	222	87	105	987	207	180	977	September
8266	847	223	394	362	511	678	106	88	163	480	345	117	131	119	165	174	88	354	373	241	94	148	815	196	169	885	October
7407	684	146	291	466	421	741	61	164	126	141	815	127	116	85	116	123	75	288	305	154	64	67	750	125	141	815	November
7783	761	122	313	511	409	915	103	186	139	396	276	88	106	85	130	170	119	308	378	218	133	114	678	150	119	856	December
97887	9165	2355	4336	6279	5850	9471	1320	1936	1822	4426	4097	1185	1516	1076	1651	1832	1141	4185	4606	2771	1389	1251	9281	2028	2034	10884	Total



Table 4: Number of Births That Have Occurred and Were Registered in 2011, By Qada

Total	Beirut	Zgharta	Zahle	Tripoli	Sour	Saida	Rachaya	Nabatieh	Metn	Men	Marj	Koura	Kess	Jezzine	Jbeil	Hermel	Hasbaya	Chouf	Bint	Beqa	Bcharri	Batroun	Baal	Baabda	Aley	Akkar	Qadaa
1	ut	ırta	е	oli		B	ıaya	tieh	ם	Menieh-dennieh	Marje3yon	ra	Kesserouan	ine		nel	aya	ıf	Bint jbeil	Beqaa gharbi	arri	oun	Baalback	da		ar .	a
5197	837	34	201	331	299	488	47	162	79	172	146	33	49	36	82	156	85	191	152	115	33	49	483	79	96	762	January
5135	720	60	205	351	293	348	51	132	115	237	159	38	63	37	91	119	79	213	179	100	28	46	521	79	104	767	February
5803	699	78	265	399	330	409	67	168	118	284	162	52	100	58	90	191	44	271	241	132	26	60	550	105	137	767	March
5070	778	51	266	392	342	361	53	135	145	256	181	50	85	68	93	109	70	260	225	131	14	45	16	118	126	700	April
5868	843	72	283	327	381	394	69	141	128	247	174	53	110	70	108	116	81	274	272	146	38	78	601	107	127	628	Мау
6139	736	72	296	384	380	436	62	145	144	258	212	64	115	83	116	155	75	286	243	152	46	88	571	114	151	755	June
6473	728	88	329	458	328	325	65	166	152	279	239	60	121	77	129	115	85	312	280	196	43	68	722	148	182	778	July
6590	732	88	313	430	451	368	81	167	174	288	226	53	122	61	123	133	97	350	266	162	47	73	648	177	170	790	August
7735	800	94	408	486	494	369	95	191	206	318	305	90	125	92	150	184	91	375	475	180	40	71	852	178	171	895	September October
6786	847	92	262	306	457	360	73	88	161	332	291	77	120	97	146	167	88	321	304	174	54	89	727	166	149	838	October
6590	684	85	266	415	378	350	49	164	125	271	746	62	114	74	111	121	75	269	305	131	44	57	695	114	139	746	November
6492	761	84	225	446	345	420	77	185	133	311	236	62	95	74	124	170	119	266	378	168	50	75	638	135	117	798	November December
73878	9165	898	3319	4725	4478	4628	789	1844	1680	3253	3077	694	1219	827	1363	1736	989	3388	3320	1787	463	799	7024	1520	1669		r Total

yet by the end of the year. however, that there are still some births that have occurred in 2011 and were not registered The births of 2011 that were registered in 2011 amount to 73,878. We should not forget,

the same concerns about data flaws of birth reporting and registration stand. With 97,887

There were 23,257 deaths that were registered and reported during 2011. For the deaths,

births, the Lebanese population has increased by around 75,000 citizens, some of whom



might be residing outside the country.

Table 5: Number of Registered Deaths By Month and Qada, 2011

Total	Beirut	Zgharta	Zahle	Tripoli	Sour	Saida	Rachaya	Nabatieh	Metn	Menieh-dennieh	Marje3yon	Koura	Kesserouan	Jezzine	Jbeil	Hermel	Hasbaya	Chouf	Bint jbeil	Beqaa gharbi	Bcharri	Batroun	Baalback	Baabda	Aley	Akkar	Qadaa
2361	294	57	96	119	107	192	26	95	110	63	61	47	78	34	46	33	27	143	85	62	23	54	167	76	87	179	January
2063	267	43	93	103	106	179	28	57	104	69	70	30	74	26	56	20	23	136	89	43	21	46	95	64	86	156	February
2190	269	60	99	119	94	209	20	73	108	64	52	35	84	43	43	30	16	139	75	51	36	34	117	75	72	173	March
1947	244	40	95	104	101	162	19	50	92	50	51	24	61	38	48	25	36	137	85	48	26	36	87	74	91	123	April
1997	267	37	97	93	81	165	28	78	98	78	54	36	66	40	33	36	20	139	57	38	34	41	86	65	78	152	Мау
1910	279	41	80	122	81	179	20	61	94	37	49	25	65	30	52	28	24	99	51	46	27	44	108	67	47	154	June
1686	168	28	75	96	85	136	12	65	83	37	67	24	58	18	34	15	14	111	63	53	17	38	132	64	89	125	July
1659	213	33	75	89	85	151	30	56	82	48	37	24	53	42	50	22	11	102	42	38	35	38	76	50	76	101	August
1823	214	43	108	109	97	174	29	79	87	68	47	27	74	37	45	23	16	104	65	30	30	29	32	55	73	134	September
1752	234	35	63	102	74	174	20	20	89	73	59	33	57	34	46	26	20	105	58	67	30	29	35	59	68	142	October
1846	200	41	107	103	73	169	27	63	81	61	128	39	66	40	42	23	28	103	68	43	15	41	27	49	81	128	November
2023	255	45	96	117	99	155	21	71	107	71	61	39	53	46	45	26	32	142	94	44	28	45	38	63	59	171	November December
23257	2904	503	1084	1276	1083	2045	280	768	1135	719	736	383	789	428	540	307	267	1460	805	563	322	475	1000	761	886	1738	Total



Table 6: Resident Population* Distribution By Mohafaza and Qada, 2004-2011

Mohafaza	Qaza	Qada %total population 1996	Population 2004	Population 2005	Population 2006	Population Population 2007 2008	Population 2008	Population 2009	Population 2010	Population 2011	Qada%total population 2011
North	Akkar	6.04	226,752	230,119	233,546	227,217	234,328	241,012	249,642	258,788	6.4
	Minieh Danieh	2.99	112,303	113,971	115,668	112,159	115,004	118,293	121,722	125,429	3.11
	Tripoli	6.83	256,360	260,166	264,040	253,606	257,999	262,470	267,159	272,162	6.7
	Zgharta	1.51	56,868	57,712	58,572	55,980	56,638	57,403	58,479	60,331	1.49
	Koura	1.48	55,583	56,408	57,248	54,668	55,077	55,709	56,384	57,186	1.42
	Bchirreh	0.53	19,872	20,167	20,468	19,725	20,104	20,541	21,559	22,626	0.56
	Batroun	1.09	40,964	41,572	42,191	40,356	40,749	41,293	41,793	42,569	1.05
Total		20.47	768,702	780,116	791,732	763,712	006,677	796,722	816,739	839,092	20.7
Beqaa	Hermel	1.26	47,189	47,890	48,603	49,173	50,796	51,913	53,052	54,577	1.35
	Baalbeck	5.01	187,992	190,783	193,624	196,461	203,671	211,656	218,285	226,566	5.63
	Zahleh	3.76	141,358	143,457	145,593	145,723	148,384	151,257	154,642	157,894	3.91
	Rachaya	0.77	28,805	29,233	29,668	30,031	30,710	31,512	32,617	33,657	0.83
	West Beqaa	1.75	65,860	66,838	67,833	68,477	70,110	72,318	74,709	76,917	1.91
Total		12.55	471,205	478,202	485,322	489,865	503,671	518,656	533,305	549,611	13.62
Nabatieh	Nabatieh	2.65	99,487	100,964	102,468	110,609	113,244	115,199	116,703	117,871	2.92
	Hasbaya	0.56	21,000	21,312	21,629	23,408	24,223	25,157	26,070	26,944	0.67
	Marjayoun	1.18	44,239	44,895	45,564	50,368	53,408	56,333	59,676	63,037	1.56
	Bint Jbeil	1.52	57,119	57,967	58,830	64,846	68,218	71,703	75,237	79,038	1.96
Total		5.91	221,844	225,138	228,490	249,231	259,093	268,392	277,686	286,890	7.11
South	Saida	4.90	183,881	186,612	189,390	189,382	196,118	203,010	210,190	217,616	5.39
	Sour	5.18	194,622	197,512	200,453	197,907	202,400	206,875	211,601	216,368	5.3
	Jezzine	0.60	22,690	23,027	23,370	23,209	23,789	24,458	25,178	25,826	0.64
Total		10.68	401,193	407,151	413,213	410,487	422,307	434,343	446,969	459,810	11.3
Mount Lebanon	Jbeil	2.24	84,039	85,287	86,556	83,594	84,588	85,664	86,659	87,770	2.17
	Kesrouan	4.39	164,808	167,255	169,745	162,555	163,245	163,843	164,489	165,216	4.09
	Metn	12.88	483,783	490,967	498,278	476,979	477,851	478,737	479,510	480,197	11.90
	Baabda	12.89	483,973	491,159	498,472	477,299	478,616	480,074	481,423	482,690	11.96
	Aley	3.44	129,053	130,970	132,920	128,230	129,484	131,025	132,503	133,651	3.31
	Chouf	4.15	155,901	158,216	160,571	155,817	158,457	161,268	164,074	166,799	4.13
Total		39.99	1,501,556	1,523,853	1,546,543	1,484,474	1,492,241	1,500,611	1,508,658	1,516,323	37.57
Beirut	Beirut	10.40	390,499	396,298	402,199	361,366	366,907	372,743	378,464	384,725	9.53
Total						2/12//	366,907	272 742	378,464	384.725	9.53
		10.40	390,499	396,298	402,199	361,366	,	3129173		,	

residing in Lebanon. Palestinian refugees residing inside the camps of Lebanon. Accordingly, there are a total of 4,263,450 inhabitants exhibit a decrease in their populations which are mostly the whole of Mount Lebanon and Beirut and 4 districts one-district Mohafaza. Calculating the change of population proportions between 1996 and 2011, some district reside in the Beqaa area in 5 districts, and the least populated area is Beirut (9.53%) considering its being a Both Nabatieh and South form 18.5% of the residents of Lebanon with 7 districts, 13.62% of the Lebanese in the North, while others have increased over time. According to the latest UNRWA figures, there are 227,000 the most is Mount Lebanon (37.57%) comprising 6 districts, followed by the North (20.79%) with 7 districts. It is estimated that in 2011 there were 4,036,450 residents inside the country. The Mohafaza that is populated



year 2011.

proportions by age group are taken from the household survey 2007 and applied for the There is almost equal distribution of males and females in the total population. The

Table 7: Resident Population* Distribution by Age Group and Gender, 2011

														ı						
Total	85+	80-84	75-79	70-74	65-69	60-64	55-59	50-54	45-49	40-44	35-39	30-34	25-29	20-24	15-19	10-14	5-9	0-4	ise groups	Age groups
49.4	0.3	0.6	1.0	1.4	1.6	1.7	1.8	2.2	2.5	2.7	3.0	3.5	3.9	5.1	5.2	4.9	4.3	3.6	M	
50.6	0.2	0.6	0.9	1.4	1.7	2.0	2.0	2.5	3.0	3.5	3.7	3.8	4.2	4.7	4.5	4.5	4.1	3.3	F	Percent
100.0	0.5	1.2	1.9	2.8	3.2	3.7	3.8	4.8	5.6	6.2	6.7	7.4	8.1	9.8	9.8	9.4	8.3	6.9	T	
1,994,410	12,109	24,219	40,365	56,510	64,583	68,620	72,656	90,013	102,122	110,195	121,094	142,890	157,422	205,859	211,106	197,786	171,549	145,312	M	
2,042,040	8,073	24,219	36,328	56,510	68,620	80,729	80,729	100,911	121,094	141,276	149,349	154,192	169,531	189,713	182,448	181,640	163,476	133,203	F	Population 2011
4,036,450	20,182	48,437	76,693	113,021	133,203	149,349	153,385	190,924	223,216	251,471	270,442	297,083	326,952	395,572	393,554	379,426	335,025	278,515	${f T}$	

^{*}Excluding Palestinian Camps which gather around 227,000 refugees according to the latest UNRWA figures.



Table 8: Resident Population* Distribution by Age Group and Qada, 2011

TOTAL		Beirut		Chouf	Aley	Baabda	Metn	Kesrouan	Jbeil		Jezzine	Sour	Saida	שמני טשפני	Bint Ibail	Mariano	Hasbaua	Nabatieh	***************************************	West Benna	Rachaya	Zahleh	Baalbeck	Hermel		Batroun	Bchirreh	Koura	Zgharta	Tripoli	Minieh Danieh	Akkar
100	9.53	9.53	37.57	4.13	3.31	11.96	11.90	1 4.09	2.17	11.	0.64	5.36	5.39	7.11		3	1	· -		3	0.83	3.91	c 5.61	1.35	20.79	1.05	0.56	1.42	1.49	6.74		6.41
100.00 2		_								11.39					1																	
278,515	eoge to	26.546		11.509	9,222	33,306	33,134	11,400	6,056		1,782	14,929	15,015	J,+J+	7,000	4 350	1.859	8,133	0,000	5307	2,322	10,895	15,633	3,766		2,937	1,561	3,946	4,163	18,779	8,655	17,856
335,025	0.00	31.932	,	13.844	11,093	40,063	39,856	13,713	7,285		2,144	17,959	18,062	0,000	0 m 0 m	5030	2.236	9,783	0,000	6384	2,794	13,105	18,805	4,530		3,533	1,878	4,746	5,008	22,589	10,411	21,479
379,426	o o year	36.164	,	15.679	12,563	45,373	45,139	15,530	8,250		2,428	20,339	20,456	, ,	7 / 20	5005	2533	11,080	j.	7230	3,164	14,842	21,297	5,130	,	4,002	2,127	5,376	5,671	25,583	11,790	24,326
393,554	0.90.00	37.511	,	16.263	13,031	47,062	46,819	16,109	8,558		2,518	21,096	21,218	1,100	7700	6146	2.627	11,492	1,400	7 499	3,282	15,395	22,090	5,321	,	4,151	2,206	5,576	5,882	26,536	12,229	25,232
395,572	0.9.00	37.703		16.346	13,098	47,304	47,059	16,191	8,601		2,531	21,204	21,326	,,/+0	7746	6178	2.640	11,551	1,000	7 538	3,298	15,474	22,203	5,349		4,172	2,217	5,604	5,912	26,672	12,292	25,361
326,952	0.00	31.163	,	13.511	10,826	39,098	38,896	13,383	7,109		2,092	17,526	17,627	204,2	6 400	5,106	2.182	9,548	0,200	6 230	2,726	12,789	18,352	4,421		3,448	1,833	4,632	4,887	22,045	10,160	20,962
2 297,083		28.316	ļ	12.276	9,837	35,526	35,342	12,160	6,460		1,901	15,925	16,017	7,017	5 017	4 640	1.983	8,675	0,001	5 661	2,477	11,621	16,675	4,017		3,133	1,665	4,209	4,440	20,031	9,232	19,047
3 270,442		25.777		11.176	8,955	32,340	32,173		5,881		1,730	14,497	14,580	0,62,0	5000	4 223	1.805	7,897	ن د د د د	5 153	2,255	10,579	15,180	3,657		2,852	1,516	3,831	4,042	18,235	8,404	17,339
2 251,471		23.968		10.392) 30,072	3 29,916		5,468			13,480) 13,557	+,22,4	4004	3 927	1.679	7,343	197	4792			Ī	3,400		2,652	1,410	3,563	3,759			16,123
1 223,216		3 21.275					5 26,555	•	4,854) 11,965	7 12,034	,	4 271	3.486	1.490	6,518	J.	4 254	1,861			3,018		2,354		3,162	3,336	5 15,05		3 14,31
6 190,924		5 18.197		7.890	6,322	3 22,83	5 22,713		4,152			5 10,234	10,293	رد ار	3 7 3 0	2982	1.274	5,575	0,000	3638	1,592		10,717	2,581		2,014	1,070	2,705	2,854	12,873	5,933	12,241
4 153,385		7 14.620	,	6.338	5,079	18,342	3 18,247	6,278	3,335		981	4 8,222	8,269	Joo	3,003	2305	1.024	4,479	1,/11	2 923	1,279	6,000	7 8,609	2,074		1,618	860	2,173	2,293	3 10,342		1 9,834
5 149,349) 14.235	,	6.172			17,767	6,113	3,247		956	8,006	8,052	4,724	2 024	2 332	997	4,361	Į.	2 846	1,245	5,842	8,383	2,019		1,575	837	2,116	2,232	2 10,070	4,641	9,575
9 133,203		12.696	,	5.504				5,452	2,896		852	7,140	7,181	000	2000	2080	889	3,890	4,000	2 538	1,111	5,211	7,477	1,801		1,405	747			~		8,540
3 113,021		5 10.772						4,626					6,093			1 765						4,421						1,601				7,246
1 76,693		2 7.310						3,139				4,111				1108						3,000				809						4,917
3 48,437		4.617						1,983				2,596		740	0.40	75.6	323	1,414				1,895				511	272		724			3,105
7 20,182		1.924						826				1,082	1,088			315						789				213	113	286			627	
4,036,450		384.725		166.79	133,65	482,690	480,19	165,216	87,77		25,826			0,00	70.03	63.037	26.94	117,8				157,894				42,569	22,626	57,186	60,331	272,162	125,429	258,788

available at the level of Qada. There is a newer survey, in 2007, that generates de-facto the population at the district level. But, accuracy remains a concern due to the estimation population at the Mohafaza level. Combining the two surveys, we managed to estimate are calculated was drawn from an old Household Survey (1996) which was the only one involved It is well worth noting that the baseline population on which the estimates at district level



of internal or external migration. Surveys at the district level are needed to defy or confirm de-facto population at the time of survey, while the births and deaths, from which the indicators at the district level, we have to keep in mind that the household survey generates the numbers stated Crude Birth and Death Rates are overestimated in the districts that experience high rates population increase was calculated belong to all Lebanese including the Diaspora; the The Rate of Natural Increase of the Lebanese population is of 1.85. When calculating some

Table 9: Resident Population* Distribution by Age Group, Qada and Some Basic Indicators, 2011

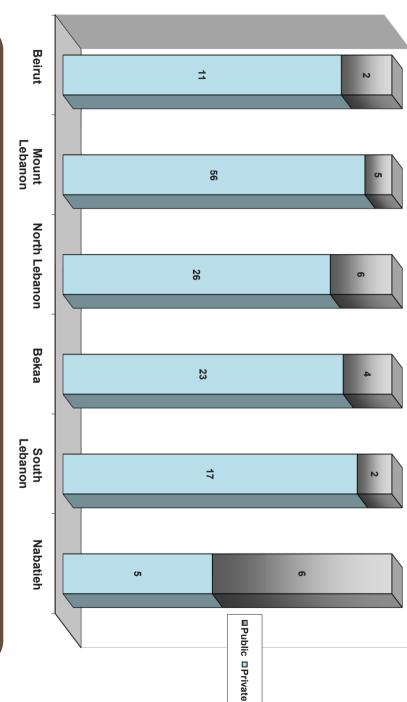
6 21,479 24,336 63,602 25,102 170,024 288,788 10884 17.88 42,06 6.72 6 10,411 11,790 30,885 12,167 12,407 125,429 42.6 7.19 35,29 5.73 9 22,589 5,583 6,0952 5,440 178,811 22,142 42.7 1276 23,07 8.34 1 1,478 5,583 6,0952 5,440 178,811 22,126 1827 23,07 8.34 1 1,478 5,546 5,547 39,588 60,331 2355 503 30,03 8.34 1 1,478 5,546 5,547 37,571 14,865 22,026 188 322 61,39 14,29 1 4,530 5,130 13,426 5,524 35,876 42,599 1251 47,59 20,39 11,16 5 13,105 14,482 38,822 15,516 110,373 15,789 43,50	Ogza	0-4	5-Q	10-14	<15 wears		ctive Population**		Rinths	Deaths			IJ
th Danieh 86.55 10.411 11.790 30.855 12.167 82.407 125.429 42.529 22.589 56.71 44.92 56.72 64.952 22.400 178.811 272.162 22.79 12.5 30.94 4.94 7.9 52.9 5.73 44 41.303 5.008 5.571 14.968 5.547 37.571 25.20 20.07 4.0 44 4.03 4.046 5.576 14.068 5.547 37.571 27.186 13.90 3.25 5.03 30.78 4.0 44 4.1403 5.008 5.130 14.966 5.547 37.571 14.868 22.656 1389 30.72 6.0 12.1 20.0 14.96 22.44 3.5,807 1.829 1.747 14.8854 22.6566 92.81 10.00 40.96 4.41 47.74 11.6 8.87 7.230 18.922 7.461 103,736 15.7894 4.47 47.230 8.2596 11.433 17.702	Akkar	17,856	21,479	24,326	63,662		170,024		10884	1738			ω.
H 18,779 22,580 25,583 66,952 26,480 178,811 272,162 26,79 1276 23,07 4,0 a 3,968 4,746 5,078 14,842 5,582 39,638 60,331 2355 583 20,72 6,70 viun 1,561 1,878 2,127 5,566 2,195 14,865 22,026 1889 322 61,39 14,23 viun 2,376 4,530 5,330 1,426 5,572 5,768 2,295 14,865 22,626 1889 322 61,39 14,23 viun 2,376 4,580 5,130 13,426 5,294 35,857 54,577 148,85 42,500 1251 160 4,74 5,34 7,34 14,25 24,577 148,53 42,500 441 27,46 8,13 3,14 48,28 2,213 33,657 133 400 40,4 45,4 8,4 22,14 33,657 133 6,4 8,2	Minieh Danieh	8,655	10,411	11,790	30,855	12,167	82,407		4426	719			2
reria 4,163 5,088 5,671 14,842 5,882 39,688 60,331 2355 30,03 8.4 a 3,946 4,746 5,376 14,842 5,852 39,688 60,331 2355 30,3 8.84 reh 1,561 1,878 2,127 5,566 2,195 14,865 22,626 1389 322 61,39 12,29 seck 1,561 1,478 2,129 55,735 2,197 14,865 22,656 9281 1000 40,9 11,16 beck 1,5633 18,805 21,297 55,735 21,977 148,854 22,566 9281 1000 40,9 41,46 bequa 2,322 2,794 3,144 8,280 3,265 22,113 33,657 1320 281 20,94 44 titch 8,133 9,783 11,080 28,996 11,433 77,41 117,871 1936 768 16,42 8,23 titch	Tripoli	18,779	22,589	25,583	66,952	26,400	178,811		6279	1276			_
ce 3,946 4,746 5,376 14,068 5,547 97,571 57,186 1185 383 20,72 6,70 cech 1,566 4,378 4,002 10,472 4,129 27,968 42,502 125 475 20,39 14,23 ed 3,766 4,530 5,130 13,402 10,472 4,129 27,968 42,500 125 475 20,39 14,23 seck 15,633 18,885 21,297 55,735 21,977 148,854 22,656 9281 1000 40,96 441 sequa 1,5333 18,885 21,297 55,735 21,977 148,854 226,566 9281 1000 40,96 441 sequa 1,5333 18,842 3,265 21,977 148,854 226,566 9281 1000 40,96 44,41 sequa 1,5315 18,022 2,733 8,269 11,433 7,741 117,871 133,6 28,28 20,23	Z gharta	4,163	5,008	5,671	14,842	5,852	39,638		2355	503			w
reh 1,561 1,878 2,127 5,566 2,195 14,865 22,026 1389 322 61,39 14,23 um 2,937 3,533 4,002 10,472 4,129 27,968 42,569 1251 475 29,39 11,16 eck 15,633 18,805 51,30 51,342 5,294 35,857 54,577 1832 307 33,57 5,63 beck 15,633 18,805 21,297 55,735 21,927 55,735 22,326 22,324 31,105 14,842 38,822 15,316 10,375 157,894 433 10,00 40,06 44,1 tich 8,133 9,783 11,080 28,996 11,433 77,441 117,871 1936 70,42 23,22 23,23 30,03 732 83 30,02 83 30,22 83 30,23 732 83 30,33 7341 117,871 1936 68,02 30,22 83 30,23 732	Koura	3,946	4,746	5,376	14,068	5,547	37,571		1185	383			_
bith 2,937 3,533 4,002 10,472 4,129 27,968 42,560 1251 475 29,39 11.16 eck 3,766 4,530 5,130 13,426 5,294 35,857 54,577 1832 307 33.57 563 beck 15,633 18,805 21,297 55,735 21,977 148,834 226,566 9281 1000 40.06 441 beck 15,633 18,805 21,297 55,735 21,977 148,834 226,566 9281 1000 40.06 441 beck 15,835 11,080 28,906 11,433 77,441 117,871 1936 20,22 8.2 beck 1,859 2,236 2,533 6,628 2,614 17,702 20,944 1114 267 42,35 91 byoun 1,859 2,236 2,533 6,628 2,149 11,433 77,441 117,871 1936 42,35 91 byo	Bchirreh	1,561	1,878	2,127	5,566	2,195	14,865		1389	322			
eck 3,766 4,530 5,130 13,426 5,294 35,857 54,577 1832 307 33,7 56ck sh 15,633 18,805 21,297 55,735 21,977 148,854 226,566 9281 1000 40,96 441 aga 15,633 18,805 21,297 55,735 21,977 148,854 226,566 9281 1000 40,96 441 aga 15,633 18,805 21,297 55,735 21,977 148,854 226,566 9281 1000 40,96 441 aga 14,829 13,316 32,625 22,113 33,657 120 280 30,03 7,32 beedaa 1,822 2,746 7,627 6,115 141,415 63,037 40,77 277 42,25 9,24 beedaa 1,8202 2,245 2,533 6,628 2,614 17,702 26,944 1141 267 42,35 9,11 beedaa	Batroun	2,937	3,533	4,002	10,472	4,129	27,968		1251	475			
beck 15,633 18,805 21,297 55,735 21,977 148,854 226,566 9281 1000 40.96 4.41 sh 10,895 13,105 14,842 38,842 13,516 103,736 125,894 4356 1281 100 40.9 4.41 agaa 5,307 6,384 7,230 18,922 7,461 50,534 76,917 277 563 30.22 832 bequat 1,850 2,236 2,533 6,628 2,614 17,702 26,944 114,787 1936 76,81 76,215 991 bedit 1,850 2,232 5,925 15,507 6,115 41,415 63,037 4097 736 64.99 11.68 younn 15,015 18,062 20,456 53,534 21,109 142,974 217,616 9471 2045 48,28 91 younn 15,015 18,022 20,456 53,534 21,109 142,974 217,616 9471 </td <th>Hermel</th> <td>3,766</td> <td>4,530</td> <td>5,130</td> <td>13,426</td> <td>5,294</td> <td>35,857</td> <td>54,577</td> <td>1832</td> <td>307</td> <td></td> <td>5.63</td> <td></td>	Hermel	3,766	4,530	5,130	13,426	5,294	35,857	54,577	1832	307		5.63	
sh 10,895 13,105 14,842 38,842 15,316 103,736 157,894 4336 1084 27.46 6.87 agya 2,322 2,794 3,144 8,280 3,265 22,113 33,657 1320 280 39.22 8,32 agya 1,859 2,236 2,533 10,802 28,996 11,433 77,441 117,871 1936 768 16.42 6.52 ayoun 1,859 2,236 2,533 6,628 2,614 17,702 26,944 1114 267 42,35 9,9 bbeil 15,015 18,062 2,635 6,628 2,1109 14,215 63,037 4006 805 99.2 99.2 bbeil 1,4920 17,959 20,339 53,226 20,988 142,154 217,616 9471 20,45 43,52 9.0 amar 1,4920 13,713 15,530 21,591 8,514 57,665 87,701 161,698 93,228	Baalbeck	15,633	18,805	21,297	55,735	21,977	148,854	226,566	9281	1000		4.41	
aya 2,322 2,794 3,164 8,280 3,265 22,113 33,657 1320 280 39.22 8,328 Beqaa 5,307 6,384 7,230 18,922 7,461 50,534 76,917 271 563 36.03 732 titch 8,133 9,783 11,080 28,996 11,433 77,441 117,871 1936 768 16.42 6.52 ayaan 1,859 2,236 2,533 6,628 2,614 17,702 26,944 1141 267 42.35 9.91 tyoun 15,015 18,062 20,456 53,534 21,109 14,297 20,337 4097 736 64.99 11.68 post 14,929 17,959 20,339 53,236 21,109 142,974 217,616 9471 2045 43,52 9.40 post 1,782 2,144 2,428 6,353 2,505 16,298 142,154 217,616 9471 2045	Zahleh	10,895	13,105	14,842	38,842	15,316	103,736	157,894	4336	1084		6.87	
Beqaa 5,307 6,384 7,230 18,922 7,461 50,534 76,917 271 563 36,03 73,24 tich 8,133 9,783 11,080 28,996 11,433 77,441 117,871 1936 768 16.42 6.52 tich 1,889 2,236 2,533 6,628 2,614 17,702 20,944 1141 267 42.35 9,91 tigoun 4,350 5,232 5,925 15,507 6,115 41,415 63,037 4097 736 64.99 11.68 Deell 15,015 18,062 20,456 53,534 21,109 142,974 217,616 9471 2045 43.52 9,91 tight 14,929 17,959 20,339 53,226 20,988 142,154 217,616 9471 2045 43.52 9,40 sight 1,782 2,144 2,428 6,353 2,505 16,968 87,770 1651 42,0 42,0	Rachaya	2,322	2,794	3,164	8,280	3,265	22,113	33,657	1320	280		8.32	
tich 8,133 9,783 11,080 28,996 11,433 77,441 117,871 1936 768 16.42 6.52 49,4350 1,859 2,236 2,233 6,628 2,614 17,702 26,944 1141 267 42,35 991 typun 4,350 5,232 5,925 15,507 6,115 41,415 63,037 4097 736 64.99 11.68 Jbeit 5,454 6,560 7,430 19,443 7,667 51,928 79,038 4606 805 58.28 10.18 dea 11,929 17,959 20,339 53,226 20,988 142,154 216,368 5850 1083 27.04 51,928 viaan 11,402 13,713 15,530 40,643 16,026 76,65 87,770 1651 540 18.81 6.15 viaan 11,400 13,713 15,530 40,643 16,026 108,547 480,197 1822 1135 3.79 2.8 </td <th>West Beqaa</th> <td>5,307</td> <td>6,384</td> <td>7,230</td> <td>18,922</td> <td>7,461</td> <td>50,534</td> <td>76,917</td> <td>2771</td> <td>563</td> <td></td> <td>7.32</td> <td></td>	West Beqaa	5,307	6,384	7,230	18,922	7,461	50,534	76,917	2771	563		7.32	
aya 1,859 2,236 2,533 6,628 2,614 17,702 26,944 1141 267 42.35 9,91 ayoun 4,350 5,232 5,925 15,507 6,115 41,415 63,037 4097 736 64.99 11.68 bett 5,454 6,500 7,430 19,443 7,667 51,928 79,038 400 805 58.28 10.18 pet 1,5015 18,062 20,456 53,534 21,109 142,974 217,616 9471 2045 43.52 9.40 pet 1,782 2,144 2,428 6,353 2,535 25,55 16,968 142,174 217,616 9471 2045 43.52 9.40 pet 1,782 2,144 2,428 6,353 2,555 16,968 12,546 25,826 1076 428 41.65 16.57 pet 1,140 13,713 15,530 40,643 16,026 108,547 165,216 <t< td=""><th>Nabatieh</th><td>8,133</td><td>9,783</td><td>11,080</td><td>28,996</td><td>11,433</td><td>77,441</td><td>117,871</td><td>1936</td><td>768</td><td></td><td>6.52</td><td>_</td></t<>	Nabatieh	8,133	9,783	11,080	28,996	11,433	77,441	117,871	1936	768		6.52	_
tyourn 4,350 5,232 5,925 15,507 6,115 41,415 63,037 4097 736 64.99 11.68 Jbeil 5,454 6,560 7,430 19,443 7,667 51,928 79,038 4097 736 64.99 11.88 x 15,015 18,062 20,456 53,534 21,109 142,974 217,616 9471 2045 43.52 940 x 14,929 17,959 20,339 53,226 20,988 142,154 216,368 5850 1083 27.04 5.01 ne 1,782 2,144 2,428 6,353 2,505 16,968 25,826 1076 428 41.65 5.01 yuan 11,400 13,713 15,530 40,643 16,026 108,547 65,216 1516 789 9.18 4.78 yuan 9,222 11,093 12,563 32,878 12,964 87,809 133,651 482,090 2028 761	Hasbaya	1,859	2,236	2,533	6,628	2,614	17,702	26,944	1141	267		9.91	
Theil 5,454 6,560 7,430 19,443 7,667 51,928 79,038 460 805 58.28 10.18 t 15,015 18,062 20,456 53,534 21,109 142,974 217,616 9471 2045 43.52 9.40 ne 1,4929 17,959 20,339 53,226 20,988 142,154 216,368 5850 1083 27.04 5.01 ne 1,782 2,144 2,428 6,353 2,505 16,968 25,826 1076 428 41.66 16.57 ne 1,400 13,713 15,530 40,643 16,026 108,547 57,665 87,770 1651 540 18.81 6.15 ne 11,400 13,713 15,530 40,643 16,026 108,547 165,216 1516 789 91.8 4.78 ne 11,400 13,343 39,856 45,139 118,128 46,579 315,489 480,197 1822	Marjayoun	4,350	5,232	5,925	15,507	6,115	41,415	63,037	4097	736		11.68	
x 15,015 18,062 20,456 53,534 21,109 142,974 217,616 9471 2045 43.52 9.40 ne 1,782 2,144 2,428 6,353 25,055 16,968 142,154 216,368 5850 1083 27.04 5.01 nuan 6,056 7,285 8,250 21,591 8,514 57,665 87,770 1651 540 18.81 6.15 nuan 11,400 13,713 15,530 40,643 16,026 108,547 165,216 1516 789 9.18 4.78 da 33,134 39,856 45,139 118,128 46,579 315,489 480,197 1822 1135 3.79 2.36 da 9,222 11,093 12,563 32,878 12,964 87,809 133,651 20,4 886 15.22 6.3 f 11,509 13,844 15,679 41,033 16,180 109,587 166,799 4185 1460	Bint Jbeil	5,454	6,560	7,430	19,443	7,667	51,928	79,038	4606	805		10.18	
ne 14,929 17,959 20,339 53,226 20,988 142,154 216,368 5850 1083 27.04 50.1 ne 1,782 2,144 2,428 6,353 2,505 10,968 142,154 216,368 5850 1083 27.04 50.1 space 1,782 2,144 2,428 6,353 2,505 16,968 25,826 1076 428 41.66 16.57 space 1,782 2,144 2,428 6,353 2,505 16,968 25,826 1076 428 41.66 16.57 space 11,400 13,713 15,530 40,643 16,026 108,547 165,216 1516 789 91.8 4.78 da 33,304 40,063 45,139 118,128 46,579 315,489 482,690 2028 761 420 1.58 f 11,509 13,844 15,679 41,033 16,180 109,587 166,799 4185 1460	Saida	15,015	18,062	20,456	53,534	21,109	142,974	217,616	9471	2045		9.40	
ne 1,782 2,144 2,428 6,353 2,505 16,968 25,826 1076 428 41.66 16.57 nuan 6,056 7,285 8,250 21,591 8,514 57,665 87,770 1651 540 18.81 6.15 nuan 11,400 13,713 15,530 40,643 16,026 108,547 165,216 1516 789 9.18 4.78 da 33,134 39,856 45,139 118,128 46,579 315,489 480,197 1822 1135 3.79 2.36 da 9,222 11,093 12,563 32,878 12,944 87,809 133,651 2034 886 15,22 6.63 f 11,509 13,844 15,679 41,033 16,180 109,587 166,799 4185 1460 25.09 8.75 t 20,546 31,932 36,104 94,642 37,318 252,764 384,725 9165 20,425 23,257	Sour	14,929	17,959	20,339	53,226	20,988	142,154	216,368	5850	1083		5.01	
xucar 6,056 7,285 8,250 21,591 8,514 57,665 87,770 1651 540 18.81 6.15 xucar 11,400 13,713 15,530 40,643 16,026 108,547 165,216 1516 789 9.18 4.78 da 33,134 39,856 45,139 118,128 46,579 315,489 480,197 1822 1135 3.79 2.36 da 33,306 40,063 45,373 118,742 46,821 317,127 482,690 2028 761 4.20 1.58 9,222 11,093 12,563 32,878 12,964 87,809 133,651 2034 886 15.22 6.3 f 11,509 13,844 15,679 41,033 16,180 109,587 166,799 4185 1460 25.09 8.75 tt 26,546 31,932 36,164 94,642 37,318 252,764 384,725 9165 29,257 24,25 5.76<	Jezzine	1,782	2,144	2,428	6,353	2,505	16,968	25,826	1076	428		16.57	
waar 11,400 13,713 15,530 40,643 16,026 108,547 165,216 1516 789 9.18 4.78 da 33,134 39,856 45,139 118,128 46,579 315,489 480,197 1822 1135 3.79 2.36 da 33,306 40,063 45,373 118,742 46,821 317,127 482,690 2028 761 4.20 1.58 f 9,222 11,093 12,563 32,878 12,964 87,809 133,651 2034 886 15.22 6.3 f 11,509 13,844 15,679 41,033 16,180 109,587 166,799 4185 1460 25.09 8.75 tt 26,546 31,932 36,164 94,642 37,318 252,764 384,725 9165 2904 23.82 7.55 tt 278,515 335,025 379,426 992,967 391,536 2,651,948 4,036,450 97,887 23,257	Jbeil	6,056	7,285	8,250	21,591	8,514	57,665	87,770	1651	540	18.81	6.15	
da 33,134 39,856 45,139 118,128 46,579 315,489 480,197 1822 1135 3.79 2.36 da 33,306 40,063 45,373 118,742 46,821 317,127 482,690 2028 761 4.20 1.58 f 9,222 11,093 12,563 32,878 12,964 87,809 133,651 2034 886 15.22 6.3 f 11,509 13,844 15,679 41,033 16,180 109,587 166,799 4185 1460 25.09 8.75 tt 26,546 31,932 36,164 94,642 37,318 252,764 384,725 9165 2904 23.82 7.55 tt 278,515 335,025 379,426 992,967 391,536 2,651,948 4,036,450 97,887 23,257 24.25 5.76	Kesrouan	11,400	13,713	15,530	40,643	16,026	108,547	165,216	1516	789	9.18	4.78	_
da 33,306 40,063 45,373 118,742 46,821 317,127 482,690 2028 761 4.20 1.58 f 9,222 11,093 12,563 32,878 12,964 87,809 133,651 2034 886 15.22 6.63 f 11,509 13,844 15,679 41,033 16,180 109,587 166,799 4185 1460 25.09 8.75 tt 26,546 31,932 36,164 94,642 37,318 252,764 384,725 9165 2904 23.82 7.55 tt 278,515 335,025 379,426 992,967 391,536 2,651,948 4,036,450 97,887 23,257 24.25 5.76	Metn	33,134	39,856	45,139	118,128	46,579	315,489	480,197	1822	1135	3.79	2.36	
f 9,222 11,093 12,563 32,878 12,964 87,809 133,651 2034 886 15.22 6.63 f 11,509 13,844 15,679 41,033 16,180 109,587 166,799 4185 1460 25.09 8.75 tt 26,546 31,932 36,164 94,642 37,318 252,764 384,725 9165 2904 23.82 7.55 tL 278,515 335,025 379,426 992,967 391,536 2,651,948 4,036,450 97,887 23,257 24.25 5.76	Baabda	33,306	40,063	45,373	118,742	46,821	317,127	482,690	2028	761	4.20	1.58	0
11,509 13,844 15,679 41,033 16,180 109,587 166,799 4185 1460 25.09 8.75 26,546 31,932 36,164 94,642 37,318 252,764 384,725 9165 2904 23.82 7.55 278,515 335,025 379,426 992,967 391,536 2,651,948 4,036,450 97,887 23,257 24.25 5.76	Aley	9,222	11,093	12,563	32,878	12,964	87,809	133,651	2034	886	15.22	6.63	0
26,546 31,932 36,164 94,642 37,318 252,764 384,725 9165 2904 23.82 7.55 278,515 335,025 379,426 992,967 391,536 2,651,948 4,036,450 97,887 23,257 24.25 5.76	Chouf	11,509	13,844	15,679	41,033	16,180	109,587	166,799	4185	1460	25.09	8.75	_
278,515 335,025 379,426 992,967 391,536 2,651,948 4,036,450 97,887 23,257 24.25 5.76	Beirut	26,546	31,932	36,164	94,642	37,318	252,764	384,725	9165	2904		7.55	
	TOTAL	278,515	335,025	379,426	992,967	391,536	2,651,948	4,036,450	97,887	23,257		5.76	1.85

^{*}Excluding Palestinian Camps which gather around 227,000 refugees according to the latest UNRWA figures.

^{**}Active Population: Population between 15-65 years of age regardless of their employment status



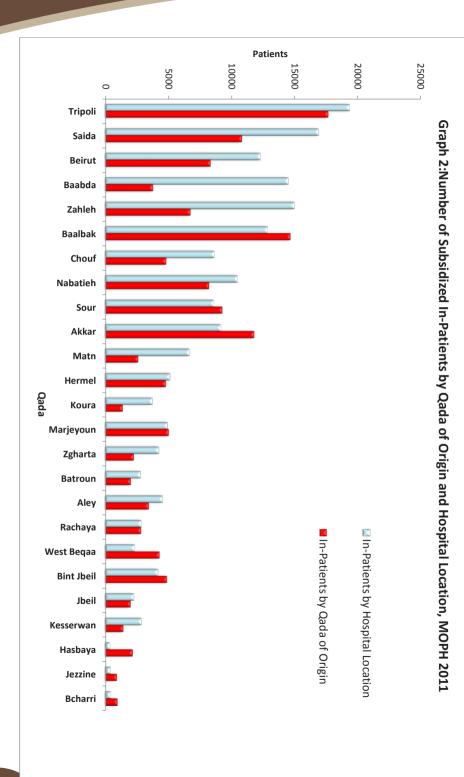
Graph 1: Number of Hospitals Contracting With The MOPH By Mohafaza and Type, 2011



where the patient share is 15% of the hospital bill, and 25 public hospitals where the equitable distribution. Accordingly, the MOPH issues contracts with 138 private hospitals patient pays only 5% of the bill. the services it pays for with the aim of ensuring universal accessibility to services in an The Ministry of Public Health contracts with both the public and the private hospitals for



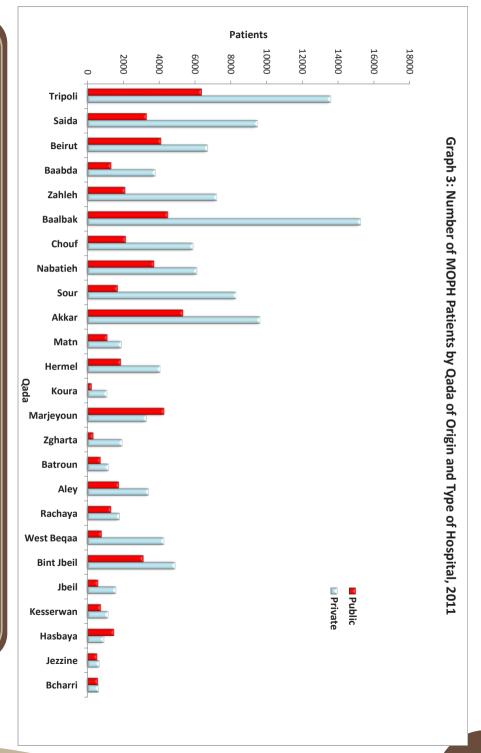
are lower or higher than those seeking services in the hospitals of that same district which might reflect place of origin, place of residence or type of hospital. to patients in choosing the place and provider of services under the MOPH coverage, irrespective of their Tripoli, Saida, Zahleh and Baabda were the highest in number. This gives an idea about the free choice given Baalback , Akkar and Saida were the highest in number, the patients admitted to hospitals in the districts of the actual place of residence of the patients. For example, while patients who are originally from Tripoli, private sector. Looking at the distribution of patients, we find that patients' number from a certain district There are around 137,000 patients that benefited from MOPH hospital coverage in both the public and the







where public hospitals are the only ones available like in Hasbaya and Marje'youn. visit public hospitals. This is due to the fact that the private beds supply is in general higher in number so patients have more choice except for the patients from remote districts The number of patients who visit private hospitals is higher than the number of those who

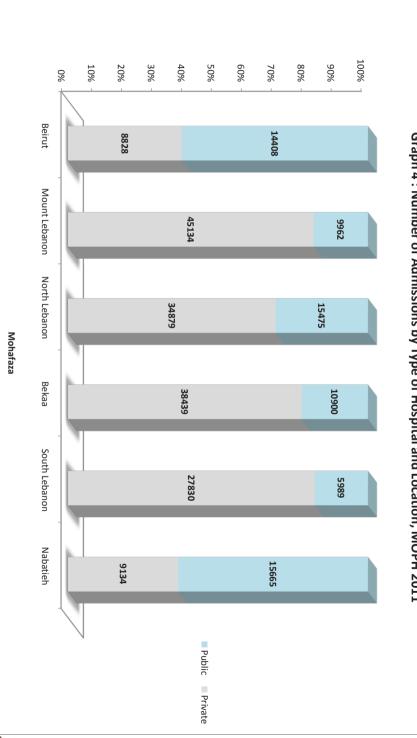




number of admissions in public hospitals exceeds that in contracted private hospitals.

72,399 in public hospitals. As expected, in areas where there are active and contracted public hospitals, the There were 236,643 MOPH subsidized admissions to hospitals during 2011; 164,244 in private hospitals, and

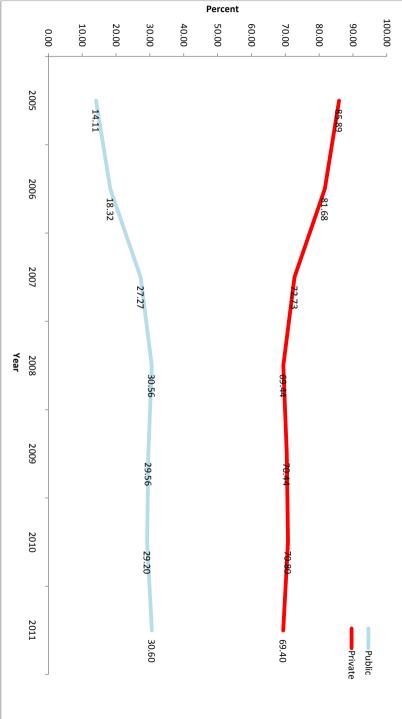
Graph 4: Number of Admissions by Type of Hospital and Location, MOPH 2011







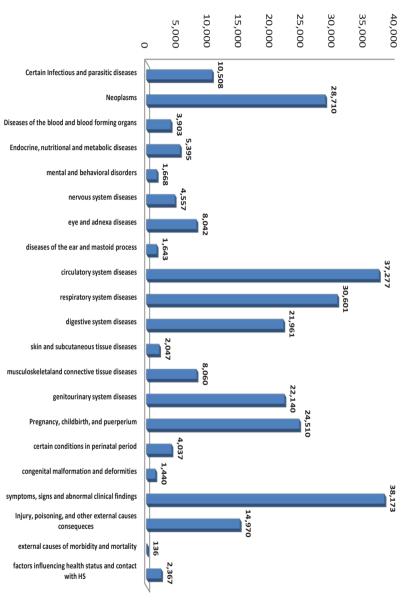
Graph 5: The Evolution of MOPH Subsidized Admissions in Public and Private Hospitals Between 2005 and 2011



the number of public active beds is lower than that of the private beds in addition to and their admissions have been increasing steadily. But, this increase has reached a plateau reaching a maximum occupancy rate in the public hospitals. revolving around 30/70 ratio with the private sector. This is due to the fact that originally Year after year, the public hospitals are continuing to offer an improving quality services,



Graph 6: MOPH Subsidized Admissions By ICD10 Categories of Diagnosis, 2011



respiratory system conditions and neoplasms have increased (27,834 vs 30,601 cases; and 25,803 figures the circulatory conditions have decreased from the previous year (37,476 vs 37,227), while in terms of top 5 groups of condition prevalence among subsidized population, although in nomina related conditions (24,510). It is worth mentioning that the trend is the same over the last 3 years (37,277), the respiratory system (30,601), followed by neoplasms (28,710), and pregnancy and The majority of the conditions presenting for hospitalizations fall under the circulatory system 28,710 cases, respectively)



The Ministry of **Public Health** visa billing system uses the International **Classification of** Diseases 10th revision (ICD10) coding system. 272,145 ICD10 diagnoses were registered on admissions during 2011. The number of diagnoses issued for females (149,695), exceeds that for males (122,450) in all categories of diagnoses.

ICD10	Codes	Description	M	F	Т
Chapter 1	A00-B99	Certain Infectious and Parasitic Diseases	M	F	Т
•	A00-A09	Intestinal Infectious Diseases	4,838	4,412	9,250
	A15-A19	Tuberculosis	17	10	27
	A20-A28	Certain zoonotic bacterial diseases	38	48	86
	A30-A49	Other bacterial diseases	328	346	674
	A50-A64	Infections with a predominantly sexual mode of transmission	6	9	15
	A65-A69	Other spirochaetal diseases	3	3	6
	A70-A74	Other diseases caused by chlamydiae	1	1	2
	A75-A79	Rickettsioses	2	4	6
	A80-A89	Viral Infections of the CNS	20	14	34
	A90-A99	Arthropod-borne viral fevers and viral hemorrhagic fevers	4	4	8
	B00-B09	Viral Infections characterized by skin and mucous membrane lesions	37	24	61
	B15-B19	Viral hepatitis	71	55	126
	B20-B24	Human immunodeficiency virus[HIV] disease	11	1	12
	B25-B34	Other viral diseases	13	10	23
	B35-B49	Mycoses	3	6	9
	B50-B64	Protozoal diseases	21	9	30
	B65-B83	Helminthiases	12	17	29
	B85-B89	Pediculosis, acariasis and other infestations	1	1	2
	B90-B94	Sequelae of infectious and parasitic diseases	1	1	2
	B95-B97	Bacterial, viral and other infectious agents	8	9	17
	B99	Other infectious diseases	52	37	89
Total			5,487	5,021	10,508
		Neoplasms			Т
Chapter 2		Neopiasins		_	
	C00-D48	Malignant Neonlasms	M	F	
	C00-C97	Malignant Neoplasms	10,764	14,960	25,724
	C00-C97	lip oral cavity and pharynx	10,764 205	14,960 162	25,724 367
	C00-C97 C00-C14.8 C15-C26.9	lip oral cavity and phanynx digestive organs	10,764 205 1,777	14,960 162 1,614	25,724 367 3,391
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs	10,764 205 1,777 1,964	14,960 162 1,614 917	25,724 367 3,391 2,881
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage	10,764 205 1,777 1,964 120	14,960 162 1,614 917 107	25,724 367 3,391 2,881 227
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin	10,764 205 1,777 1,964 120 97	14,960 162 1,614 917 107 47	25,724 367 3,391 2,881 227 144
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9 C45-C49.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin mesothelial and soft tissue	10,764 205 1,777 1,964 120 97 159	14,960 162 1,614 917 107 47 103	25,724 367 3,391 2,881 227 144 262
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9 C45-C49.9 C50-C50.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin mesothelial and soft tissue breast	10,764 205 1,777 1,964 120 97 159	14,960 162 1,614 917 107 47 103 6,891	25,724 367 3,391 2,881 227 144 262 7,088
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9 C45-C49.9 C50-C50.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin mesothelial and soft tissue breast female genital organs	10,764 205 1,777 1,964 120 97 159 197	14,960 162 1,614 917 107 47 103 6,891 1,226	25,724 367 3,391 2,881 227 144 262 7,088 1,302
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9 C50-C50.9 C51-C58 C60-C63.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin mesothelial and soft tissue breast female genital organs male genital organs	10,764 205 1,777 1,964 120 97 159 197 76	14,960 162 1,614 917 107 47 103 6,891 1,226 58	25,724 367 3,391 2,881 227 144 262 7,088 1,302 824
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9 C45-C49.9 C50-C50.9 C51-C58 C60-C63.9 C64-C68.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin mesothelial and soft tissue breast female genital organs male genital organs urinary tract	10,764 205 1,777 1,964 120 97 159 197 76 766 1,054	14,960 162 1,614 917 107 47 103 6,891 1,226 58 271	25,724 367 3,391 2,881 227 144 262 7,088 1,302 824 1,325
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9 C45-C49.9 C50-C50.9 C51-C58 C60-C63.9 C64-C68.9 C69-C72.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin mesothelial and soft tissue breast female genital organs male genital organs urinary tract eye,brain, and other parts of CNS	10,764 205 1,777 1,964 120 97 159 197 76 766 1,054	14,960 162 1,614 917 107 47 103 6,891 1,226 58 271 270	25,724 367 3,391 2,881 227 144 262 7,088 1,302 824 1,325 721
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9 C50-C50.9 C51-C58 C60-C63.9 C64-C68.9 C69-C72.9 C73-C75.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin mesothelial and soft tissue breast female genital organs male genital organs urinary tract eye,brain, and other parts of CNS thyroid and other endocrine glands	10,764 205 1,777 1,964 120 97 159 197 76 766 1,054 451 141	14,960 162 1,614 917 107 47 103 6,891 1,226 58 271 270 150	25,724 367 3,391 2,881 227 144 262 7,088 1,302 824 1,325 721 291
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9 C50-C50.9 C51-C58 C60-C63.9 C64-C68.9 C73-C75.9 C76-C80	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin mesothelial and soft tissue breast female genital organs male genital organs urinary tract eye,brain, and other parts of CNS thyroid and other endocrine glands ill-defined, secondary, and unspecified sites	10,764 205 1,777 1,964 120 97 159 197 76 766 1,054 451 141 379	14,960 162 1,614 917 107 47 103 6,891 1,226 58 271 270 150 500	25,724 367 3,391 2,881 227 144 262 7,088 1,302 824 1,325 721 291 879
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9 C50-C50.9 C51-C58 C60-C63.9 C64-C68.9 C73-C75.9 C76-C80 C81-C96.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin mesothelial and soft tissue breast female genital organs male genital organs urinary tract eye,brain, and other parts of CNS thyroid and other endocrine glands ill-defined, secondary, and unspecified sites lymphoid, haematopoietic and related tissue	10,764 205 1,777 1,964 120 97 159 197 76 766 1,054 451 141 379 3,378	14,960 162 1,614 917 107 47 103 6,891 1,226 58 271 270 150 500 2,641	25,724 367 3,391 2,881 227 144 262 7,088 1,302 824 1,325 721 291 879 6,019
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9 C50-C50.9 C51-C58 C60-C63.9 C64-C68.9 C73-C75.9 C76-C80 C81-C96.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin mesothelial and soft tissue breast female genital organs male genital organs urinary tract eye,brain, and other parts of CNS thyroid and other endocrine glands ill-defined, secondary, and unspecified sites lymphoid, haematopoietic and related tissue independent (primary) multiple sites	10,764 205 1,777 1,964 120 97 159 197 76 766 1,054 451 141 379 3,378 0	14,960 162 1,614 917 107 47 103 6,891 1,226 58 271 270 150 500 2,641 3	25,724 367 3,391 2,881 227 144 262 7,088 1,302 824 1,325 721 291 879 6,019 3
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9 C50-C50.9 C51-C58 C60-C63.9 C64-C68.9 C73-C75.9 C76-C80 C81-C96.9 C97 D00-D09	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin mesothelial and soft tissue breast female genital organs male genital organs urinary tract eye,brain, and other parts of CNS thyroid and other endocrine glands ill-defined, secondary, and unspecified sites lymphoid, haematopoietic and related tissue independent (primary) multiple sites In situ neoplasms	10,764 205 1,777 1,964 120 97 159 197 76 766 1,054 451 141 379 3,378 0	14,960 162 1,614 917 107 47 103 6,891 1,226 58 271 270 150 500 2,641 3	25,724 367 3,391 2,881 227 144 262 7,088 1,302 824 1,325 721 291 879 6,019 3 124
	C00-C97 C00-C14.8 C15-C26.9 C30-C39.9 C40-C41.9 C43-C44.9 C50-C50.9 C51-C58 C60-C63.9 C64-C68.9 C73-C75.9 C76-C80 C81-C96.9	lip oral cavity and pharynx digestive organs respiratory and intrathoracic organs bone and articular cartilage melanoma and other malignant neoplasms of skin mesothelial and soft tissue breast female genital organs male genital organs urinary tract eye,brain, and other parts of CNS thyroid and other endocrine glands ill-defined, secondary, and unspecified sites lymphoid, haematopoietic and related tissue independent (primary) multiple sites	10,764 205 1,777 1,964 120 97 159 197 76 766 1,054 451 141 379 3,378 0	14,960 162 1,614 917 107 47 103 6,891 1,226 58 271 270 150 500 2,641 3	25,724 367 3,391 2,881 227 144 262 7,088 1,302 824 1,325 721 291 879 6,019 3



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ICD10 Chapter 3	Codes D50-D53	Description Diseases of the blood and blood forming organs and	M	F	T
Chapter 6	D00-D00	certain disorders involving the immune mechanism	M	F	T
	D50-D53	Nutritional anaemias	277	392	669
	D55-D59	Haemolytic anaemias	784	460	1,244
	D60-D64	Aplastic and other anaemias	687	832	1,519
	D65-D69	Coagulation defects, purpura and other haemorrhagic	144	124	268
	D70-D77	Other diseases of the blood and blood forming organs	35	28	63
	D80-D89	Certain Disorders involving the immune mechanism	97	43	140
Total			2,024	1,879	3,903
Chapter 4	E00-E90	Endocrine, Nutritional and metabolic diseases	М	F	Т
	E00-E07	Disorders of thyroid gland	174	875	1,049
	E10-E14	Diabetes mellitus	1,407	1,809	3,216
	BIO BIT	Other disorders of glucose regulation and pancreatic internal	1,107	1,000	0,210
	E15-E16	secretion	49	56	105
	E20-E35	Disorders of other endocrine glands	79	90	169
	E40-E46	Malnutrition	10	12	22
	E50-E64	Other nutritional deficiencies	4	14	18
	E65-E68	Obesity and other hyperalimentation	99	238	337
	E70-E90	Metabolic disorders	242	237	479
Total			2,064	3,331	5,395
Chapter 5	F00-F99	Mental and Behavioral disorders	M	F	T
•	F00-F09	Organic, including symptomatic, mental disorders	35	88	123
		Mental and Behavioral disorders due to psychoactive			
	F10-F19	substance abuse	131	41	172
	F20-F29	Schizophrenia, schizotypal and delusional disorders	548	344	892
	F30-F39	Mood [affective] disorders	67	85	152
	F40-F48	Neurotic, stress-related and somatoform disorders	36	54	90
		Behavioral syndromes associated with physiological			
	F50-F59	disturbances and physical factors	4	3	7
	F60-F69	Disorders of adult personality and behaviour	5	7	12
	F70-F79	Mental retardation	104	92	196
	F80-F89	Disorders of psychological development	7	5	12
	F90-F98	Behavioral and emotional disorders with onset usually occurring in childhood and adolescence	4	3	7
	F90-F98	Unspecified mental disorder	2	3	5
Total	F99	onopeemed mental aborder	943	725	1,668
		Discourage Call Comments and the Call Call Call Call Call Call Call Cal			т
Chapter 6	G00-G99	Diseases of the nervous system	M	F	_
	G00-G09	Inflammatory diseases of the central nervous system	136	111	247
	G10-G13	Systemic atrophies primarily affecting the nervous system	14	26	40
	G20-G26	Extrapyramidal and mood disorders	34	36	70
	G30-G32	Other degenerative diseases of the nervous system	21	33	54
	G35-G37	Demyelinating diseases of the CNS	67	105	172
	G40-G47	Episodic and paroxysmal disorders	802	737	1,539
	G50-G59	Nerve, nerve root and plexus disorders	184	542	726
	G60-G64	polyneuropathies and other disorders of the peripheral NS	42	39	81
	G70-G73	Diseases of myoneural junction and muscle	13	13	26
	G80-G83	Cerebral palsy and other paralytic syndromes	685	600	1,285
	G90-G99	Others disorders of the nervous system	191	126	317
Total			2,189	2,368	4,557



The Ministry of **Public Health** visa billing system uses the International **Classification of** Diseases 10th revision (ICD10) coding system. 272,145 ICD10 diagnoses were registered on admissions during 2011. The number of diagnoses issued for females (149,695), exceeds that for males (122,450) in all categories of diagnoses.

ICD10	Codes	Description	М	F	Т
Chapter 7	H00-H59	Diseases of the eye and adnexa	M	F	T
Chapter 7	H00-H06	Disorders of eyelid, lachrymal system and orbit	131	147	278
	H10-H13	Disorders of conjunctiva	44	57	101
		Disorders of sclera, cornea, iris, and ciliary body	+		
	H15-H22	Disorders of lens	111	102	213
	H25-H28	Disorders of choroid and retina	2,692	3,453	6,145
	H30-H36	Glaucoma	104	99	203
	H40-H42		131	142	273
	H43-H45	Disorders of vitreous body and globe	138	94	232
	H46-H48	Disorders of optic nerve and visual pathways	0	3	3
	H49-H52	Disorders of ocular muscles, binocular movement accommodation and refraction	87	86	173
	H53-H54	Visual disturbances and blindness	65	56	121
	H55-H59	Other disorders of eye and adnexa	140	160	300
Total			3,643	4,399	8,042
Chapter 8	H60-H95	Diseases of the ear and mastoid process	M	F	T
	H60-H62	Diseases of the external ear	156	140	296
	H65-H75	Diseases of the middle ear and mastoid	503	496	999
	H80-H83	Diseases of the inner ear	104	170	274
	H90-H95	Other disorders of ear	30	44	74
Total	1190 1190		793	850	1,643
Total			170	000	1,040
Ohamtan O	100-199	Diseases of the circulatory system	м	F	т
Chapter 9	100-199	Acute Rheumatic fever	17	27	44
	I05-I09	Chronic rheumatic heart disease	85	97	182
	I10-I15	Hypertensive diseases	3,070	4,428	7,498
	I20-I25	Ischemic heart diseases	10,175	6,977	17,152
	I26-I28	circulation	46	45	91
	I30-I52	Other forms of heart disease	2,819	3,198	6,017
	I60-I69	Cerebrovascular diseases	1,295	1,283	2,578
	I70-I79	Diseases of arteries arterioles and capillaries	627	406	1,033
	I80-I89	Diseases of veins,lymphatic vessels and lymph nodes NEC	1,471	860	2,331
	I95-I99	Other and unspecified disorders of the circulatory system	155	196	351
Total			19,760	17,517	37,277
Chapter 10	J00-J99	Diseases of the respiratory system	M	F	T
	J00-J06	Acute upper respiratory infections	1,140	816	1,956
	J10-J18	Influenza and pneumonia	5,962	5,181	11,143
	J20-J22	Other acute lower respiratory infections	1,846	1,543	3,389
	J30-J39	Other diseases of upper respiratory tract	3,923	3,515	7,438
	J40-J47	Chronic lower respiratory diseases	2,172	1,923	4,095
	J60-J70	Lung diseases due to external agents	41	31	72
	J80-J84	Other resp. diseases principally affecting interstitium	762	897	1,659
	J85-J86	Suppurative and necrotic conditions of lower RT	26	6	32
	J90-J94	Other diseases of plura	201	131	332
	J95-J99	Other diseases of the respiratory system	264	221	485



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ICD10	Codes K00-K93	Description Diseases of the digestive system	M M	F	T
Chapter 11	K00-K93	Diseases of the digestive system Diseases of oral cavity salivary glands and jaws	233	231	464
	K20-K31	Diseases of oesophagus, stomach and duodenum	1.320	1,713	3,033
	K35-K38	Diseases of appendix	908	856	1,764
	K40-K46	Hernia	4,180	1,548	5,728
	K50-K52	Noninfective enteritis and colitis	806	919	1,725
	K55-K63	Other diseases of intestines	1,495	1,074	2,569
	K65-K67	Diseases of peritoneum	164	151	315
	K70-K77	Diseases of liver	308	187	495
	K80-K87	Disorders of gallbladder, biliary tract and pancreas	1,598	3,522	5,120
	K90-K93	Other diseases of the digestive system	398	350	748
Total	K90-K93	outer anotable of the angeonive dystem	11,410	10,551	21,961
Iotai			11,410	10,551	21,961
Chapter 12	L00-L99	Diseases of the skin and subcutaneous tissue	м	F	т
Chapter 12	L00-L08	Infections of the skin and subcutaneous tissue	802	486	1,288
	L10-L14	Bullous disorders	3	5	8
	L20-L30	Dermatitis and eczema	8	6	14
	L40-L45	Papulosquamous disorders	10	8	18
	L50-L54	Urticaria and erythema	40	33	73
	L55-L59	tissue	1	3	4
	L60-L75	Disorders of skin appendages	30	25	55
	L80-L99	Other disorders of the skin and subcutaneous tissue	322	265	587
Total	B00 B33		1,216	831	2,047
10001			1,210	551	2,0
		Diseases of the musculoskeletal system and connective			
Chapter 13	M00-M99	tissue	M	F	T
	M00-M25	Arthropathies	1,372	1,824	3,196
	MO-M03	infectious arthropathies	16	26	42
	M05-M14.8	inflammatory polyarthropathies	255	439	694
	M15-M19.9	arthrosis	429	686	1,115
	M20-M25.9	other joint disorders	672	673	1,345
	M30-M36	Systemic connective tissue disorders	40	66	106
	M40-M54	Dorsopathies	1,145	1,580	2,725
	M40-M43.9	deforming dorsopathies	30	34	64
	M45-M49.8	spondylopathies	115	159	274
	M50-M54.9	other dorsopathies	1,000	1,387	2,387
	M60-M79	Soft tissue disorders	484	647	1,131
	M60-M63.8	disorders of muscles	61	59	120
	M65-M68.8	disorders of synovium and tendon	183	301	484
	M70-M79.9	other soft tissue disorders	240	287	527
	M80-M94	Osteopathies and chondropathies	519	323	842
	M80-M85.9	disorders of bonedensity and structure	157	115	272
	M86-M90.8	other osteopathies	341	185	526
	M91-M94.9	chondropathies	21	23	44
	M95-M99	Other disorders of the musculoskeletal system and connective tissue	35	25	60
Total	14190-14199		3,595	4,465	8,060
			0,050	1,100	0,000



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ICD10	Codes	Description	М	F	т
Chapter 14	N00-N99	Diseases of the genitourinary system	м	F	т
Chapter 14	N00-N08	Glomerular diseases	161	140	301
	N10-N16	Renal tubulo-interstitial diseases	552	693	1,245
	N17-N19	Renal failure	1,405	1,268	2,673
	N20-N23	Urolithiasis	4,104	2,891	6,995
	N25-N29	Other disorders of kidney and ureter	71	71	142
	N30-N39	Other diseases of the urinary system	1,270	1,793	3,063
	N40-N51	Diseases of male genital organs	2,275	0	2,275
	N60-N64	Disorders of breast	39	380	419
	N70-N77	Inflammatory diseases of female pelvic organs	0	377	377
	N80-N98	Noninflammatory disorders of female genital tract	0	4,635	4,635
	N99	Other disorders of the genitourinary system	0	15	15
Total			9,877	12,263	22,140
Chapter 15	000-099	Pregnancy, Childbirth and puerperium	M	F	т
-	O00-O08	Pregnancy with abortive outcome	0	1,545	1,545
		Oedema, proteinuria and hypertensive disorders in			
	O10-O16	pregnancy, childbirth and the puerperium	0	62	62
	O20-O29	Other maternal disorders predominantly related to pregnancy	0	224	224
		Maternal care related to the fetus and amniotic cavity and			
	O30-O48	possible delivery problems	0	278	278
	060-075	Complications of labor and delivery	0	194	194
	080-084	Delivery	0	22,155	22,155
	085-092	Complications predominantly related to the puerperium	0	30	30
	095-099	Other obstetric conditions NEC	0	22	22
Total			0	24,510	24,510
					•
a	200 200			_	т
Chapter 16	P00-P96	Certain conditions originating in the perinatal period Fetus and newborn affected by maternal factors and by	M	F	1
	P00-P04	complications of pregnancy labour and delivery	39	121	160
	P05-P08	Disorders related to length of gestation and fetal growth	258	199	457
	P10-P15	Birth trauma	9	6	15
		Respiratory and cardiovascular disorders specific to the			
	P20-P29	perinatal period	1,263	812	2,075
	P35-P39	Infections specific to the perinatal period	313	211	524
	P50-P61	Haemorrhagic and haematological disorders of fetus and newborn	363	270	633
	P70-P74	Transitory endocrine and metabolic disorders specific to fetus and newborn	40	29	69
	P75-P78	Digestive system disorders of fetus and newborn	16	19	35
	01.0	Conditions involving the integument and temperature			
	P80-P83	regulation of fetus and newborn	19	20	39
	P90-P96	Other disorders originating in the perinatal period	16	14	30
Total			2,336	1,701	4,037

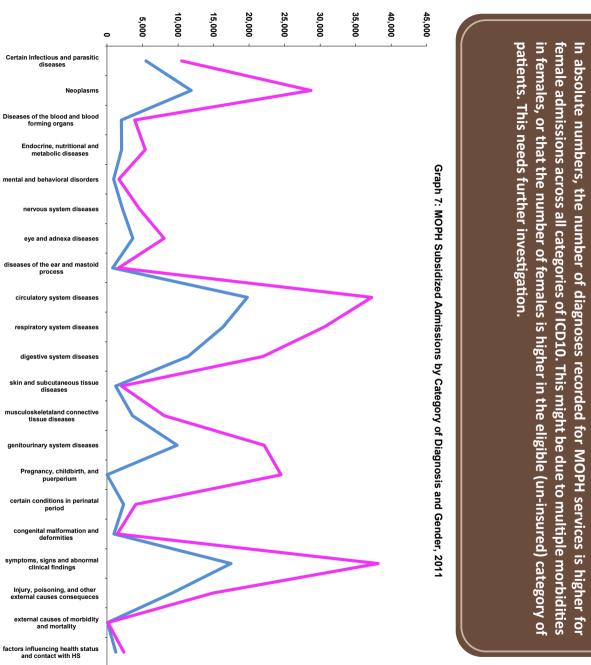


ICD10	Codes	Description	M	F	Т
ICDIO	Codes	Congenital malformations, deformations and	101	·	
Chapter 17	Q00-Q99	chromosomal abnormalities	M	F	T
	Q00-Q07	Congenital malformations of the nervous system	29	32	61
	Q10-Q18	Congenital malformations of eye, ear, face and neck	15	15	30
	Q20-Q28	Congenital malformations of the circulatory system	82	79	161
	Q30-Q34	Congenital malformations of the respiratory system	17	10	27
	Q35-Q37	Cleft lip and cleft palate	35	20	55
	Q38-Q45	Other congenital malformations of the digestive system	66	46	112
	Q50-Q56	Congenital malformations of the genital organs	446	28	474
	Q60-Q64	Congenital malformations of the urinary system	130	71	201
	Q65-Q79	Congenital malformations and deformations of the musculoskeletal system	112	138	250
	Q80-Q89	Other congenital malformations	23	8	31
	Q90-Q99	Chromosomal abnormalities, NEC	15	23	38
Total			970	470	1,440
					,
Chapter 18	R00-R99	Symptoms, signs and abnormal clinical and laboratory findings NEC	M	F	т
•		Symptoms and signs involving the circulatory and respiratory			
	R00-R09	systems	4,312	4,487	8,799
	R10-R19	Symptoms and signs involving the digestive system and abdomen	6,030	9,314	15,344
	R20-R23	Symptoms and signs involving the skin and subcutaneous tissue	151	150	301
	1120 1120	Symptoms and signs involving the nervous and	101	100	001
	R25-R29	musculoskeletal systems	37	52	89
	R30-R39	Symptoms and signs involving the urinary system	975	509	1,484
	R40-R46	Symptoms and signs involving cognition, perception,emotional state and behaviour	612	710	1,322
	R47-R49	Symptoms and signs involving speech and voice	19	17	36
	R50-R69	General symptoms and signs	5,215	5,324	10,539
	R70-R79	Abnormal findings on examination of blood, without diagnosis	47	75	122
	R80-R82	Abnormal findings on examination of urine, without diagnosis	37	45	82
	100 102	Abnormal findings on examination of other body fluids	0.		
	R83-R89	substances and tissues, without diagnosis	11	17	28
	R90-R94	Abnormal findings on diagnostic imaging and in function studies, without diagnosis	10	10	20
	R95-R99	Ill-defined and unknown causes of mortality	5	2	7
Total			17,461	20,712	38,173
Ch 10	S00-T98	Injury, poisoning and certain other consequences of external causes	7.5	F	т
Chapter 19	S00-198 S00-S09	Injuries to the head	M 1,165	550	1,715
	S10-S19	Injuries to the neck	130	69	199
	S20-S29	Injuries to the thorax	121	81	202
-	520-529	9	141	01	202
	S30-S39	Injuries to the abdomen, lower back, lumbar spine and pelvis	174	122	296
	S40-S49	Injuries to the shoulder and upper arm	650	471	1,121



CD10	Codes	Description	M	F	T
	S50-S59	Injuries to the elbow and forear	1,129	661	1,79
	S60-S69	Injuries to the wrist and hand	1,071	475	1,54
	S70-S79	Injuries to the hip and thigh	1,059	1,237	2,29
	S80-S89	Injuries to the knee and lower leg	1,242	645	1,88
	S90-S99	Injuries to the ankle and foot	355	173	528
	T00-T07	Injuries involving multiple body regions	1,207	655	1,86
	T08-T14	Injuries to unspecified part of trunk, limb or body region	276	130	406
	T15-T19	Effects of foreign body entering through natural orifice	31	30	61
	T20-T32	Burns and corrosions	112	89	201
	T33-T35	Frosbite	12	8	20
	T36-T50	Poisoning by drugs, medicaments and biological substances	20	32	52
	T51-T65	Toxic effects of substances chiefly nonmedicinal as to source	127	109	236
	T66-T78	Other and unspecified effects of external causes	86	48	134
	T79	Certain early complications of trauma	23	9	32
	T80-T88	Complications of surgical and medical care NEC	118	83	20
	T90-T98	Sequelae of injuries, of poisoning and of other consequences of external causes	87	98	18
Fotal			9,195	5,775	14,9
Chapter 20	V01-Y98	External causes of morbidity and mortality	M	F	Т
	V01-Y98	External causes of morbidity and mortality	M 75	F 61	
	V01-Y98	External causes of morbidity and mortality			
- Fotal		Factors influencing health status and contact with	75	61	13
- Fotal	V01-Y98 Z00-Z99 Z00-Z13				13 T
- Fotal	200-299	Factors influencing health status and contact with health services Persons encountering health services for examination and	75 M	61 F	136
Fotal	Z00-Z99 Z00-Z13	Factors influencing health status and contact with health services Persons encountering health services for examination and investigation Persons with potential health hazards related to	M 65	F 96	13 T 16
- Fotal	200-299 200-213 220-229	Factors influencing health status and contact with health services Persons encountering health services for examination and investigation Persons with potential health hazards related to communicable diseases Persons encountering health services in circumstances	75 M 65	F 96	130 T 16 33
- Fotal	Z00-Z99 Z00-Z13 Z20-Z29 Z30-Z39	Factors influencing health status and contact with health services Persons encountering health services for examination and investigation Persons with potential health hazards related to communicable diseases Persons encountering health services in circumstances related to reproduction Persons encountering health services for specific procedures	75 M 65 19	F 96 14 365	13 T 16 33 38
otal	Z00-Z99 Z00-Z13 Z20-Z29 Z30-Z39 Z40-Z54	Factors influencing health status and contact with health services Persons encountering health services for examination and investigation Persons with potential health hazards related to communicable diseases Persons encountering health services in circumstances related to reproduction Persons encountering health services for specific procedures and health care Persons with potential health hazards related to	75 M 65 19 16	F 96 14 365	13 T 16 33 38 1,4
Chapter 20 Chapter 21	Z00-Z99 Z00-Z13 Z20-Z29 Z30-Z39 Z40-Z54 Z55-Z65	Factors influencing health status and contact with health services Persons encountering health services for examination and investigation Persons with potential health hazards related to communicable diseases Persons encountering health services in circumstances related to reproduction Persons encountering health services for specific procedures and health care Persons with potential health hazards related to socioeconomic and psychosocial circumstances	75 M 65 19 16 904	96 14 365 544	T 130 T 16 33 38. 1,44 17

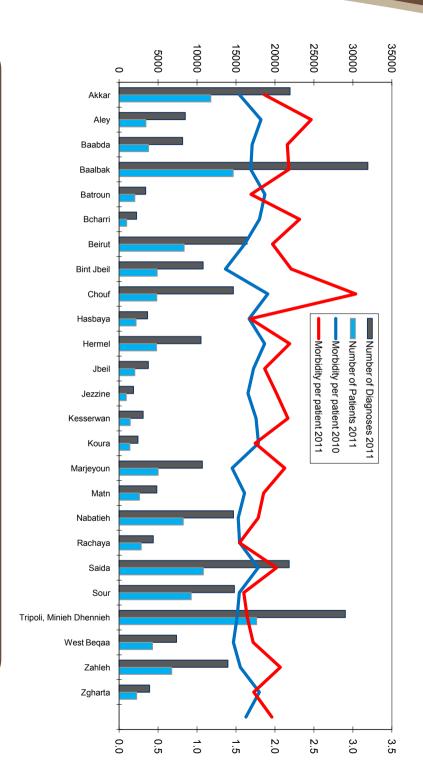




Females
Males



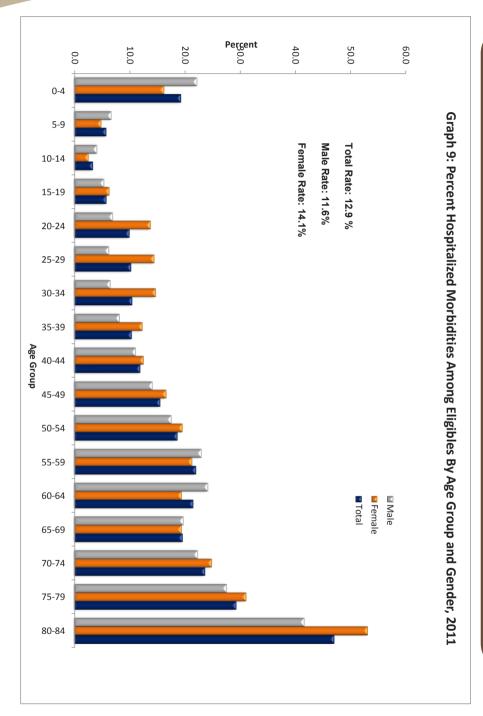
Graph 8: Number of Diagnoses, Number of Patients, and Morbidity per Patient By Qada, 2011



and Baabda, baalback, Bint Jbeil, Hermel and Kesserwan (2.2 each). In addition, there is a clear increase ir districts. This needs further investigation. morbidity in some districts, but they could also be resulting from under-reporting of diagnoses in some other the number of morbid conditions per patient between 2010 and 2011. These numbers might reflect high Chouf district has the highest number of diagnoses per patient (3.0) followed by Aley (2.5) ,Bcharri (2.3) the number of patients alone, or the diagnosed conditions alone. While the districts of Tripoli (including This graph shows that in looking for burden of disease across the districts, it is misleading to look only at Minieh, Dhennieh) and Baalback exhibit the highest number of patients, and diagnoses, respectively, the

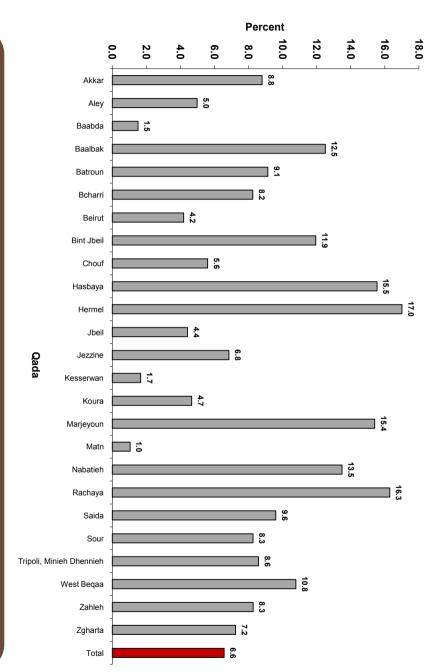


conditions among those reaches 12.9% (11.6% for males, and 14.1% for females). The pattern of service are considered to be the eligible population for the MOPH services coverage. The prevalence of medical number of people who don't have any type of medical coverage across all age groups. These individuals coverage which is largely related to the professional status, decreases. utilization for females probably follows delivery services in younger age groups, and the utilization In 2007, the Household survey conducted by the Central Administration for Statistics provided the for both genders increases with age as the proportion of the working population, and hence medica







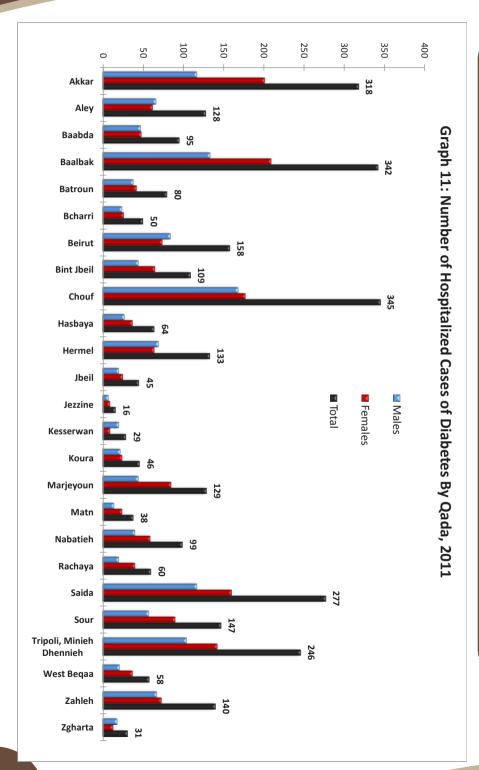


across districts, the utilization rate of the district of Hermel is the highest with 17.0%, and the any form of medical insurance. Thus assuming that those ${f 51.7\%}$ are homogenously distributed morbidity level, or the pattern of utilization across districts, but it needs further investigation. this figure by district. Rather, for the total population it provides a figure of 51.7% who don't have MOPH services. 6.6% for the total eligible population utilize the MOPH services. This could reflect lowest utilization of MOPH services is that of the Metn with only 1.0% of those eligible utilizing the The CAS Household Survey reports the un-insured population by age group, but it does not provide

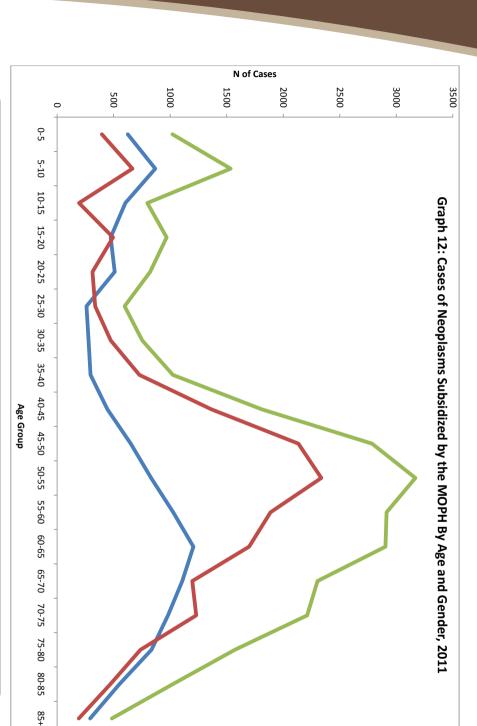
Graph 10: Percent Population Hospitalized Among Eligible Population By Qada, 2011



48% of the cases are clustered in 5 districts, namely: Chouf, Baalback, Akkar, Saida and cases deserves further investigation. burden in the community, but only the tip of the iceberg, at least the clustering of these Tripoli (including Minieh-Dhennieh). While hospitalized cases do not reflect the true There were 3,183 hospitalized cases of Diabetes during 2011, 56% of whom are females







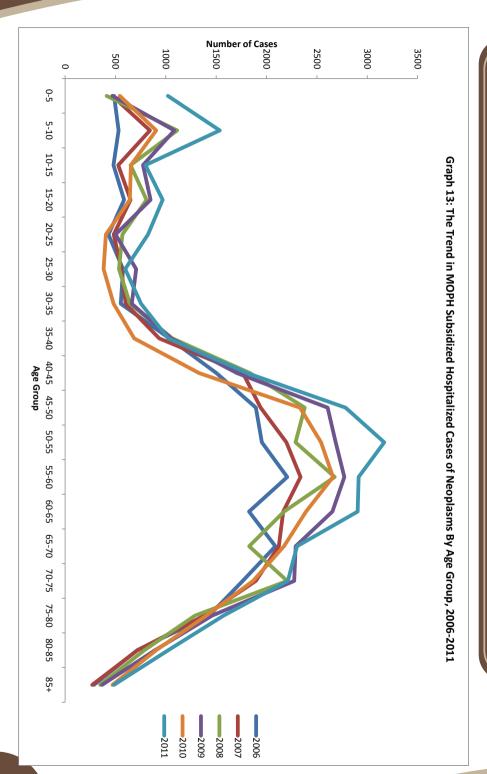
Female Total

cancer that inflict the two genders. For children categories, those between 5-10 years old with a wider peak between 60 and 70 years old. This could reflect the dissimilar types of years old. Female cases peak at 50-55 years old, while male cases follow a smoother curve except in younger age groups. The age group with the highest number of cases is 55-60 in both sexes have the highest incidence. Overall, the number of cases of hospitalized neoplasms is lower for males than females,



service supply or utilization. This calls for further investigation.

increase in prevalence, which is supported by other evidence; or could be an increase in is an increase in the total number of cases from last year (2010). This could be due to a true In general, a trend of increase in neoplasm cases between 2006 and 2011, is obvious. There





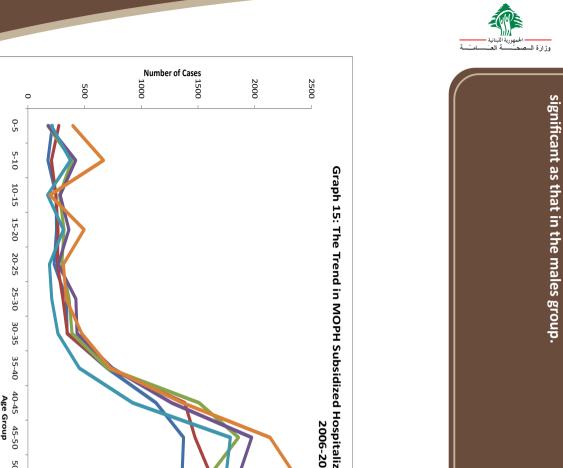
Graph 14: The Trend in MOPH Subsidized Hospitalized Male Cases of Neoplasms By Age Group, 2006-2011

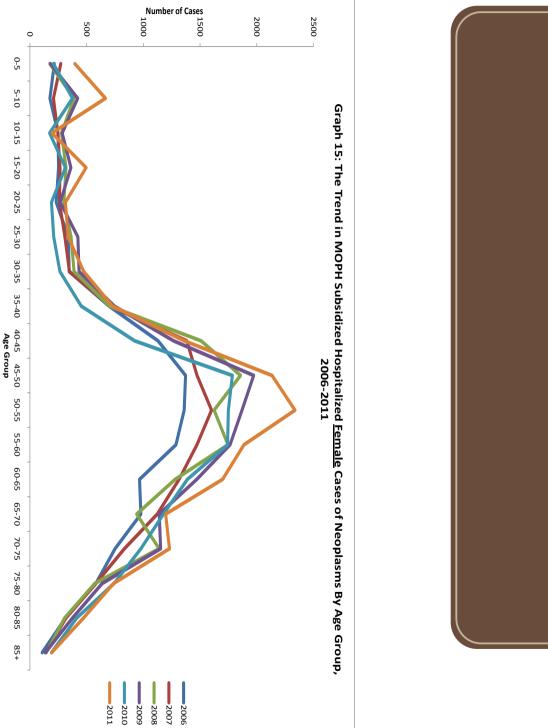


The increase in cases between 2010 and 2011 is higher for males in the younger age groups.



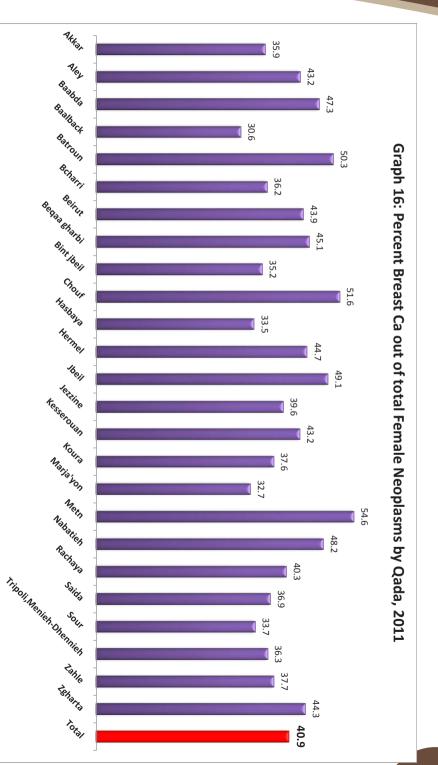
Although there is an increase in number of cases between 2010 and 2011, but it is not as











significant drop in that percent, with a National increase by 2.6% Beirut, West Bekaa, Bint Jbeil, Hermel, Kesserwan, Zahleh, and Marjeyoun), while Koura experienced a with a significant increase in percent of Breast Ca out of total female neoplasms (Aley,Baalback, Batroun, are Breast cancer cases with a proportion ranging from as low as 30.6% in Baalback to as high as 54.6% (22.9%). Taking a quick look at the comparison between the two years 2009 and 2010, there are districts in Matn. Comparing with last year's percents, the lowest percent ever recorded then was for Baalback Investigating the females hospitalized for cancer by district of origin, it turned out that 40.9% of those

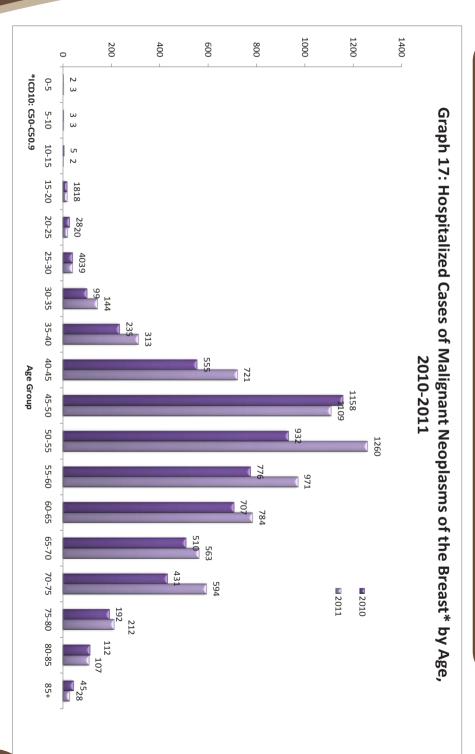
Qada



investigation.

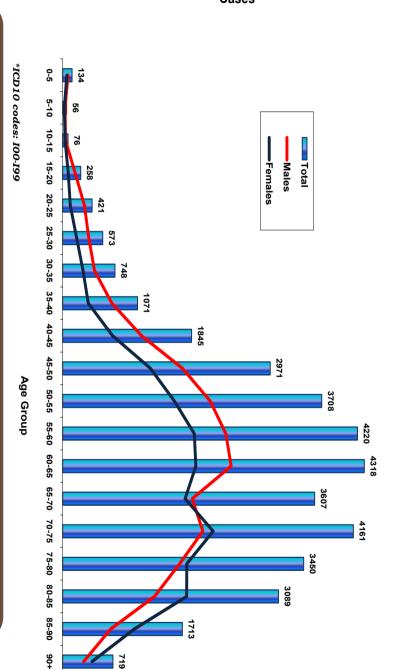
awareness and hence early diagnosis. The shift in peak cases to older age groups deserves further was an increase in the number of cases between 2011 and 2010, which could be due to increased

Breast Cancer is spread over all age groups with a peak of cases in the age group 45-50. There were 1742 breast cancer female patients admitted 7088 times either for surgery or chemotherapy. There









years old. The male cases peak in that age group, while female cases peak at a higher age (70-75 years old). The highest number of cases of cardiovascular disease occurs between the ages of 60-65

Graph 18: MOPH Subsidized Hospitalized Cardiovascular* Cases By Gender and Age Group, 2011

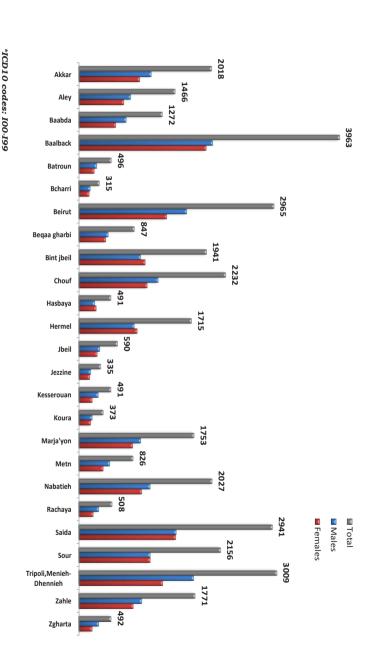
Cases



treatment policies.

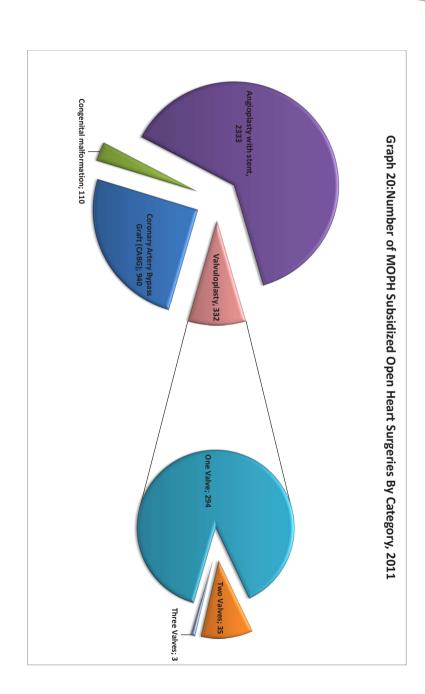
of the cases clustered in 7 districts where this calls for priority in prevention and early peak in Baalback district, with significant differences between districts and more than 50% When examined by gender and District, the cases of cardiovascular disease showed a

Graph 19: MOPH Subsidized Hospitalized Cardiovascular* Cases By Gender and Qada, 2011





Bypass Graft (CABG).



accepted for coverage. The cases were partitioned as 131 pediatric cases, 110 congenital malformations, 332 valvuloplasty, 2,333 angioplasty with stent and 940 Coronary Artery at the MOPH during 2011. 150 were refused for different reasons and 3,715 were 3,855 applications for open heart surgeries were presented to the open heart committee



Table 11: HIV/AIDS Incidence in Lebanon, 2011

Number of new Reported Cases up to November 2011 is 109

Number of cumulative Cases till November 2011: 1455

Stage of the Dis	ease
HIV	33.00%
AIDS	34.00%
Not specified	33.00%
Gender	
Males	93.00%
Females	7.00%

Age Group	
Less than thirty	28.00%
Between thirty one and Fifty	30.00%
Above fifty one	9.00%
Not specified	33.00%

Modo of	Transmission
IVIOUE OI	1141131111331011
Sexual	51.00%
Blood Transfusion	*1%
IDU	1.00%
Perinatal	0.00%
Not specified	47 00%

Sexual Behav	ior
Homosexual	22.00%
Bisexual	0.90%
Heterosexual	27.50%
Not specified	49.60%

Recent Travel Hi	story
Yes	28.00%
No	72.00%

^{*} Blood transfusion case occurred outside Lebanon

There 109 are newly reported cases of HIV/AIDS reported to the National **AIDS** Program (NAP) till November 2011, and a cumulative number of 1455 cases, 28% of whom have a recent travel history and 28% have an age less than 30.



Polio In general immunization rates are high all over the country with a national average 96%, noting of that the lowest immunization rate is for that of Minieh-Dhennieh district with 88%. The national average. National averages for DPT3, measles and HBV3 are 95%, 98% and 95%, respectively. It is worth approaching the coverage figures with caution regarding possible denominator errors related to place of origin as compared to the actual place of residence of the population.

Table 12: National Immuni	zation Coverage Rates For Po	olio by Qada, 2011
Qada	OPV3 %	القضاء
Batroun	96	البترون
West Beqaa	98	البقاع الغربي
Chouf	94	الشوف
Koura	93	الكورة
Metn	95	المتن
Nabatieh	93	النبطية
Hermel	96	الهرمل
Bcharri	91	بشري
Baabda	98	بعبدا
Baalback	92	بعلبك
Bint Jbeil	92	بنت جبيل
Beirut	92	بيروت
Jbeil	90	جبيل
Jezzine	94	جزين
Hasbaya	93	حاصبيا
Rachaya	93	راشيا
Zahleh	97	زحلة
Zgharta	99	زغرتا
Sour	90	صور
Saida	92	صيدا
Minieh-Dhennieh	88	المنية الضنية
Tripoli	93	طرابلس
Aley	96	عاليه
Akkar	91	عكار
Kesserwan	92	كسروان
Marjeyoun	90	مرجعيون
Total	96	المجموع



Table 13: Cases of Notifiable Diseases Reported to the MOPH Epidemiologic Surveillance Unit by month, 2011

	TOTAL	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Vaccine Preventable Diseases													•
Acute Flaccid Paralysis	25	2	3	3	3	1	2	1	1	1	3	2	3
Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0	0	0
Diphteria	0	0	0	0	0	0	0	0	0	0	0	0	0
Measles	9	1	1	0	0	1	1	0	1	0	1	2	1
Mumps	12	0	1	2	1	1	0	1	1	1	1	3	0
Pertussis	7	0	0	0	1	0	1	1	2	2	0	0	0
Rabies	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubella	4	0	0	1	1	1	0	0	0	0	0	1	0
Tetanus	2	0	0	1	0	0	0	0	0	1	0	0	0
Neonatal tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral Hepatitis B	168	19	21	14	8	9	16	19	11	15	15	7	14
Food & Water													
Borne Diseases													
Brucellosis	134	8	20	5	13	12	15	20	15	8	7	6	5
Cholera	0	0	0	0	0	0	0	0	0	0	0	0	0
Dysentery	186	11	13	5	6	11	27	29	21	26	13	16	8
Food Poisoning	311	4	23	19	5	12	17	85	14	81	19	21	11
Hydatic Cyst	12	2	0	2	0	1	3	1	0	0	1	2	0
Parasitic Worms	15	2	0	0	2	4	1	5	1	0	0	0	0
Trichinosis	0	0	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	362	12	17	21	17	16	42	54	49	51	51	21	11
Viral Hepatitis A	448	34	26	30	27	10	9	26	44	54	71	50	67
Other Diseases													
Bilharziasis	0	0	0	0	0	0	0	0	0	0	0	0	0
Creutzfeld Jakob Disease	1	0	0	1	0	0	0	0	0	0	0	0	0
Ebola	0	0	0	0	0	0	0	0	0	0	0	0	0
Gonorrhea	4	0	1	1	0	0	0	0	1	0	0	0	1
Leishmaniasis	5	2	0	1	1	0	0	1	0	0	0	0	0
Leprosy	3	0	0	0	2	0	1	0	0	0	0	0	0
Malaria	24	2	1	2	0	4	0	4	7	3	1	0	0
Meningitis	137	14	5	17	9	14	11	17	13	12	1	8	16
Plague	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis	13	1	0	0	1	1	0	1	0	4	3	2	0
Typhus	7	0	0	1	1	1	0	1	3	0	0	0	0
Viral Hepatitis C	72	5	1	10	4	13	8	3	7	5	6	7	3
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0	0	0

Epidemiology Surveillance Unit

The Epidemiological Surveillance Unit at the MOPH receives notifications about vaccine preventable diseases , food and water borne diseases as well as other forms of disease. 168 cases of Hepatitis B, 448 cases of Hepatitis A, 362 cases of typhoid fever, and 137 cases of Meningitis were reported during 2011. It is worth mentioning that the number cases of Malaria is incomplete here with 24 reported cases, while the National number as delivered by the Malaria Control Office of the MOPH, which is the official body to re port on Malaria, is 83 cases for 2011.



When analyzed by gender, it was shown that males are more than females reported in all diseases except for some like Acute Flaccid Paralysis, Dysentry , and food poisoning, where the number of female cases exceeds that of the males.

Table 14: Cases of Notifiable Diseases Reported to the MOPH Epidemiologic Surveillance Unit by age groups, 2011

	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	25	7	9	6	1	2	0	0	11	14	0
Acute Poliomyelitis	0	0	0	0	0	0	0	0	0	0	0
Diphteria	0	0	0	0	0	0	0	0	0	0	0
Measles	9	7	1	0	1	0	0	0	3	6	0
Mumps	12	6	4	1	1	0	0	0	7	5	0
Pertussis	7	7	0	0	0	0	0	0	3	4	0
Rabies	0	0	0	0	0	0	0	0	0	0	0
Rubella	4	3	0	1	0	0	0	0	2	2	0
Tetanus	2	0	0	1	1	0	0	0	1	1	0
Neonatal tetanus	0	0	0	0	0	0	0	0	0	0	0
Viral Hepatitis B	168	1	1	4	83	46	20	13	99	69	0
Food & Water Borne Diseases											
Brucellosis	134	5	10	21	40	30	25	3	81	53	0
Cholera	0	0	0	0	0	0	0	0	0	0	0
Dysentery	186	57	30	12	40	24	23	0	86	100	0
Food Poisoning	311	22	48	65	96	50	13	17	141	170	0
Hydatic Cyst	12	1	0	0	2	7	1	1	7	5	0
Parasitic Worms	15	0	1	0	7	2	3	2	4	11	0
Trichinosis	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	362	110	47	52	66	32	48	7	196	166	0
Viral Hepatitis A	448	48	130	172	83	7	1	7	256	192	0
Other Diseases		1						1			
Bilharziasis	0	0	0	0	0	0	0	0	0	0	0
Creutzfeld Jakob Disease	1	0	0	0	0	0	1	0	1	0	0
Ebola	0	0	0	0	0	0	0	0	0	0	0
Gonorrhea	4	0	0	0	4	0	0	0	4	0	0
Leishmaniasis	5	2	0	0	2	1	0	0	3	2	0
Leprosy	3	0	0	0	2	1	0	0	2	1	0
Malaria	24	2	0	0	16	4	1	1	16	8	0
Meningitis	137	49	20	19	18	15	14	2	93	44	0
Plague	0	0	0	0	0	0	0	0	0	0	0
Syphilis	13	0	0	0	8	1	1	3	4	9	0
Typhus	7	0	1	0	5	1	0	0	4	3	0
Viral Hepatitis C	72	0	1	3	22	25	18	3	48	23	1
Yellow Fever	0	0	0	0	0	0	0	0	0	0	0

Epidemiology Surveillance Unit



Table 15: Cases of Notifiable Diseases Reported to the MOPH Epidemiologic Surveillance Unit by region, 2011

	TOTAL	North	Beqaa	Nabatieh	South	Mount- Lebanon	Beirut	Unknown
Vaccine Preventable Diseases								
Acute Flaccid Paralysis	25	5	0	3	3	12	2	0
Acute Poliomyelitis	0	0	0	0	0	0	0	0
Diphteria	0	0	0	0	0	0	0	0
Measles	9	2	0	1	3	3	0	0
Mumps	12	3	4	0	3	0	2	0
Pertussis	7	1	2	1	0	2	1	0
Rabies	0	0	0	0	0	0	0	0
Rubella	4	1	2	0	0	1	0	0
Tetanus	2	2	0	0	0	0	0	0
Neonatal tetanus	0	0	0	0	0	0	0	0
Viral Hepatitis B	168	22	9	15	12	53	15	42
Food & Water Borne Diseases								
Brucellosis	134	31	52	12	6	24	1	8
Cholera	0	0	0	0	0	0	0	0
Dysentery	186	35	2	5	3	136	1	4
Food Poisoning	311	32	60	18	11	110	30	50
Hydatic Cyst	12	1	3	0	0	6	0	2
Parasitic Worms	15	0	0	1	0	0	14	0
Trichinosis	0	0	0	0	0	0	0	0
Typhoid Fever	362	79	66	57	19	77	32	32
Viral Hepatitis A	448	128	183	19	17	72	14	15
Other Diseases								
Bilharziasis	0	0	0	0	0	0	0	0
Creutzfeld Jakob Disease	1	0	0	0	0	1	0	0
Ebola	0	0	0	0	0	0	0	0
Gonorrhea	4	0	0	0	0	2	1	1
Leishmaniasis	5	2	0	0	0	2	1	0
Leprosy	3	0	1	0	0	2	0	0
Malaria	24	8	0	2	0	8	2	4
Meningitis	137	41	17	12	11	47	8	1
Plague	0	0	0	0	0	0	0	0
Syphilis	13	1	0	3	1	1	0	7
Typhus	7	0	0	0	0	7	0	0
Viral Hepatitis C	72	10	6	5	2	28	10	11
Yellow Fever	0	0	0	0	0	0	0	0

Epidemiology Surveillance Unit

The distribution of the diseases across the **Mohafazats** showed that the number of reported cases of Food poisoning, Dysentery, **AFP** and Viral Hepatitis and C are highest in Mount Lebanon, while viral hepatitis A **Brucellosis** and are highest in the Beqaa, and North.



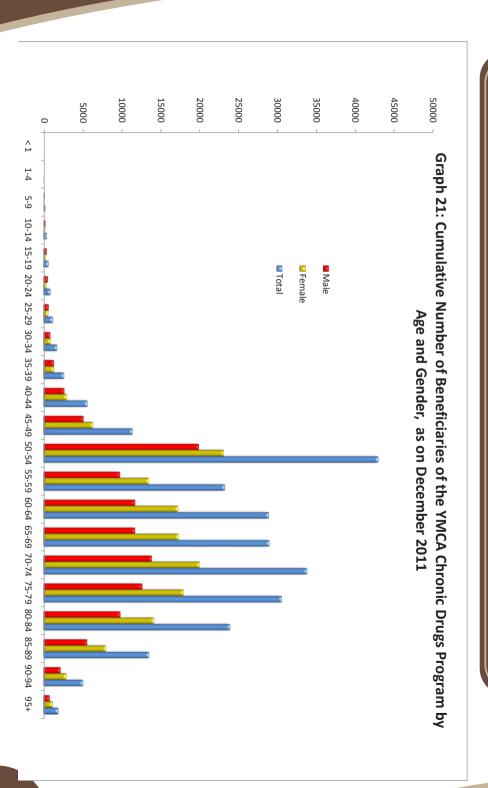
المجموع	1678	75	273	19	34830	40805	9911	883	122	75615	77341	Grand Total
مرجعيون	8	0	ω	0	356	421	161	20	2	777	784	Marjeyoun
كسروان	20	1	2	0	715	484	195	7	1	1199	1219	Kesserwan
عکار	92	8	19	3	1457	3700	604	97	6	5157	5236	Akkar
عاليه	4	2	1	0	247	246	56	4	2	486	497	Aley
طرابئس	131	9	17	4	3476	6753	1322	118	15	10229	10353	Tripoli
صيدا	188	7	64	1	3434	3528	1227	81	7	6962	7130	Saida
مصور	49	3	27	0	1458	1826	564	29	ω	3284	3333	Sour
رغوتا زغرتا	41	0	5	0	856	855	157	33	5	1711	1752	Zgharta
ظُ	115	5	14	0	2902	2337	505	75	10	5246	5354	Zahleh
اشيا	4	0	0	0	195	254	90	6	0	449	453	Rachaya
حاصبيا	1	1	0	0	14	16	16	0	0	30	31	Hasbaya
جزين	0	0	0	0	0	0	0	0	0	0	0	Jezzine
جبيل	53	1	4	0	789	789	143	17	1	1578	1630	Jbeil
بيروت	348	20	25	5	4025	4759	1077	76	20	8786	9129	Beirut
بنت جبیل	6	0	0	0	299	366	136	7	2	665	670	Bint-Jbeil
بعلبك	65	3	7	2	1897	1355	429	46	4	3252	3317	Baalbak
بعبدا	268	6	53	2	5358	6946	1568	132	21	12187	12563	Baabda
بشري	0	0	0	0	10	12	1	1	0	22	22	Bcharreh
الهرمل	6	0	1	0	746	304	178	12	4	1050	1056	Hermel
النبطية	61	3	6	1	1708	1236	350	23	4	3044	3097	Nabatieh
المنية الضنية	4	0	2	0	176	505	146	12	З	681	685	Menieh-Dhennieh
المتن	140	1	10	0	2797	2199	421	45	4	4993	5138	Metn
الكورة	52	5	9	0	783	923	146	13	3	1706	1749	Koura
الشوف	17	0	3	1	716	714	356	22	5	1426	1443	Chouf
البقاع الغربي	4	0	1	0	266	189	50	5	0	457	461	West Bekaa
المبترون	1	0	0	0	150	88	13	2	0	238	239	Batroun
القضاء	Births	Week	First Week	Deaths	Deliveries	Deliveries	Abortions	Deaths	Still Births	Deliveries	Births	Qada
	Twin	Second	Deaths	Maternal	Section	Vaginal		Fetal				
		Deaths	Neonatal		Caesarian	Normal		Uterine				
		Neonatal						Intra				

maternal deaths in Lebanon during 2011, generating a Maternal Mortality Ratio of 25 per 100,000. over the country, in addition to other variables, like birth defects and birth weights. There were 19 was 77,341. There are clearly around 4500 births which have occurred during 2011, and which still are 2011 and registered in 2011 (73,878), with the number of births that occurred inside hospitals which When compared to the number of births registered in 2011 (97,887), and those that have occurred in Notification System which gathers all births, neonatal and maternal deaths occurring in hospitals all The Ministry of Public Health has initiated at the beginning of 2011, a Maternal and Neonatal Mortality

not registered at the Ministry of Interior records, which gives an idea about the delay in registration.



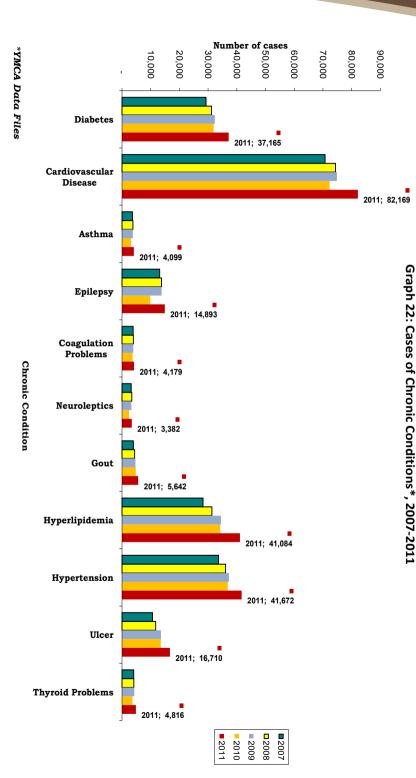
chronic diseases drugs in health centers all over Lebanon. So far, beneficiaries belong mostly to Females benefit from the program more than males. the age groups 50 and older, which is clearly due to the nature of distributed drugs. In addition, The MOPH contracts with the Young Male Christian Association (YMCA) to purchase and distribute







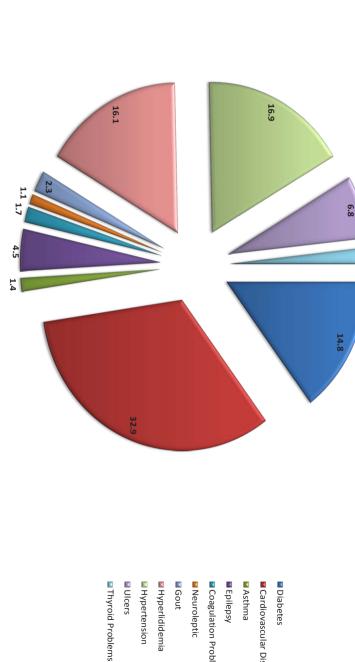
and Diabetes. disease being the most prevalent, followed respectively by Hypertension, Hyperlipidemia of chronic conditions, while keeping the same trend of prevalence with cardiovascular Over the years, beneficiaries have slightly increased in number across all categories

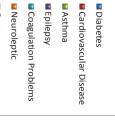




%, followed by Hypertension (16.9%), Hyperlipidemia (16.1%), and Diabetes (14.8%). The prevalence of cardiovascular disease is highest among YMCA beneficiaries with 32.9

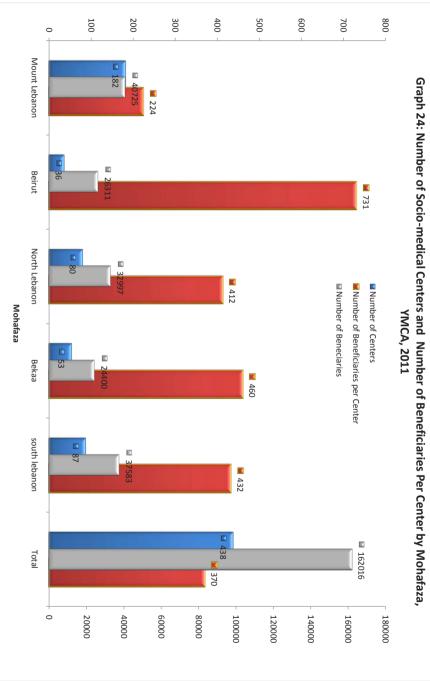
Graph 23: Percent Prevalence of Chronic Conditions Among Users, YMCA 2011









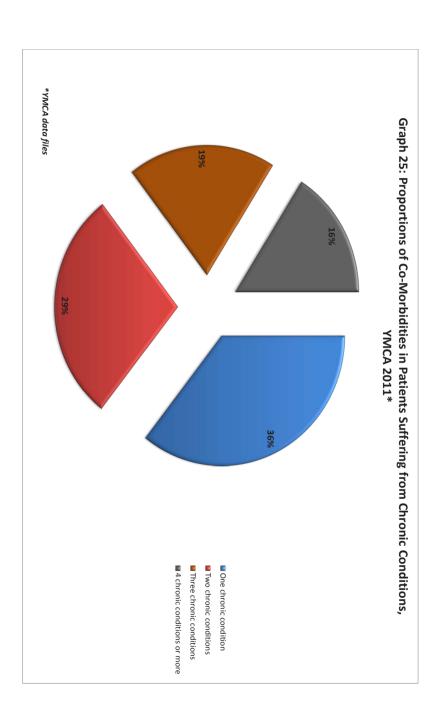


over 438 centers in all Mohafazas with the majority in Mount Lebanon (182 centers). The Number of beneficiaries per center is highest in Beirut, though, and lowest in Mount Lebanon, with a national average of 370 beneficiaries per center. In 2011, there were 162,016 beneficiaries registered in the YMCA medical charts distributed



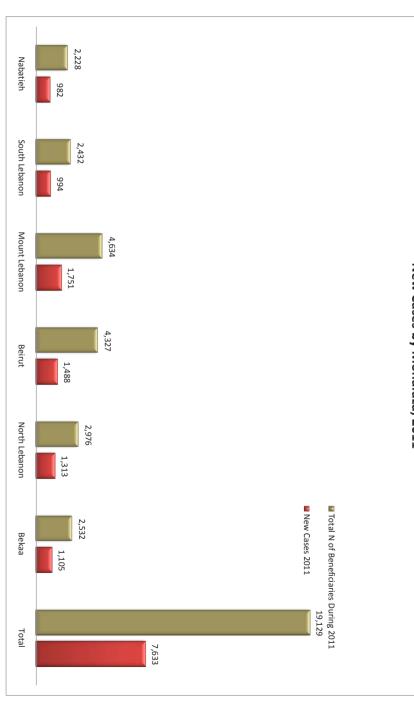
associated morbidities and deserves further investigation.

than one chronic condition and 16% have 4 chronic condition or more which reflects Examining the YMCA records, we realized that around 64% of the beneficiaries have more





Graph 26: Total Number of Patients Benefiting from the Drug Dispensing Center and New Cases by Mohafaza, 2011



peak incident cases. enrolled patients in 2011. The majority of the beneficiaries are from Mount Lebanon, just as the change in currencies. There were 19,129 beneficiaries during 2011, of whom 7,633 were newly some diseases from one part, and the increase in the prices of some imported drugs due to the increasing year after year is still not enough considering the increase in the number of cases of patients across categories of dreadful diseases. The budget of drug procurement which is The Drug Dispensing Center (DDC) of the MOPH distributes drugs free of charge for all eligible