

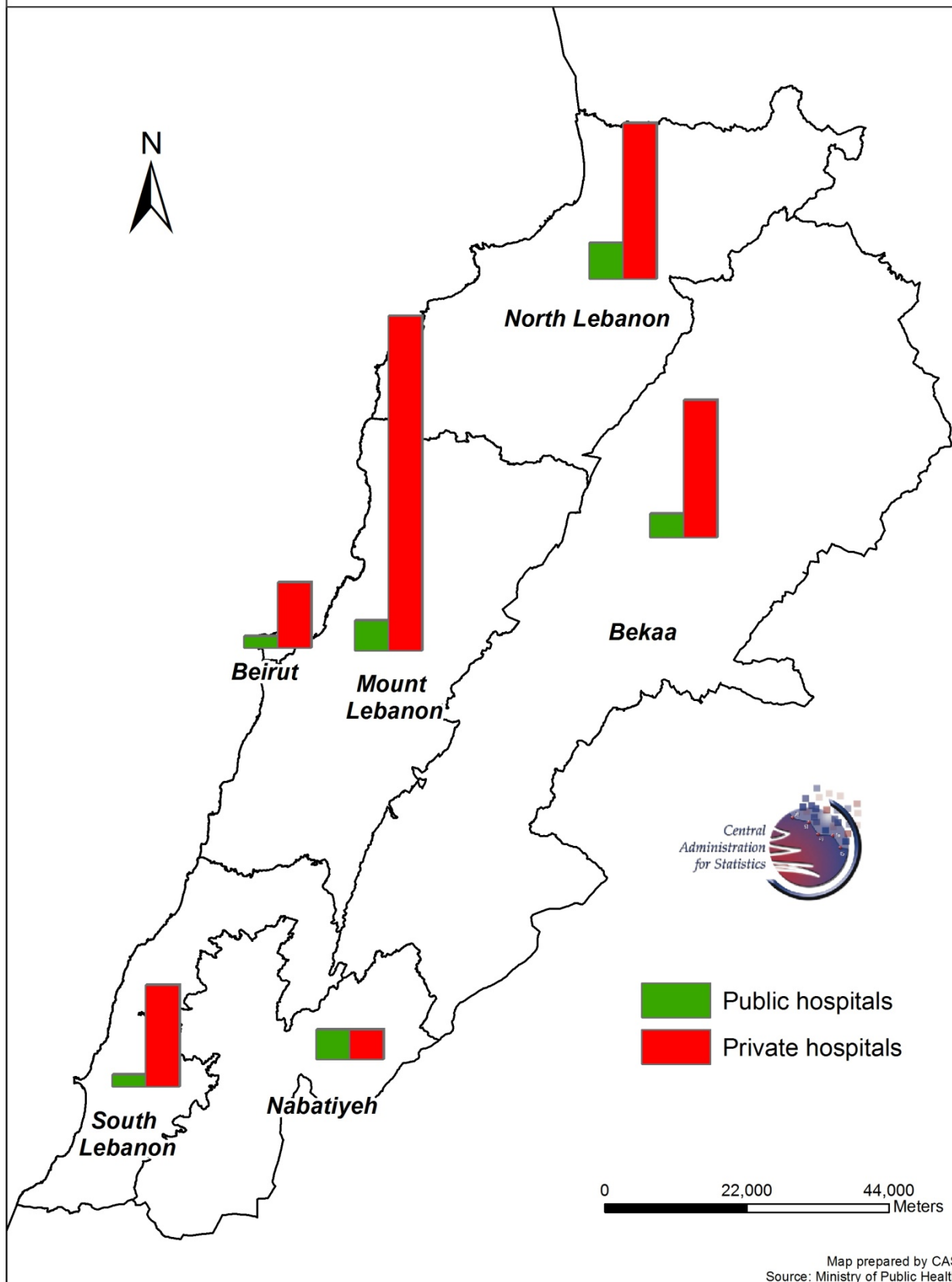
20. HEALTH

Health deals with private hospitals statistics, Ministry of Public Health (MOPH) subsidized hospital admissions, HIV/AIDS, immunization, disease cases reported to MOPH, morbidity indicators, and MOPH budget.

Health in 2010:

- Total hospitals: 162.
 - Private hospitals: 85.2% of total hospitals.
 - Public hospitals: 14.8% of total hospitals.
- Admissions in hospitals: 229,529 admissions.
 - Private hospitals: 70.8% of total admissions.
 - Public hospitals: 29.2% of total admissions.
- HIV/AIDS incidence in Lebanon:
 - Till November 2010: 1,271 cases.
- Routine immunization coverage rates by caza:
 - OPV3: 94.0%.
 - Population hospitalized among eligible population by Caza: 8.0%.
 - Breast cancer out of total female neoplasm by Caza: 38.3%.
- Notifiable disease cases reported to MOPH:
 - Vaccine preventable diseases: 345 cases.
 - Food and water borne diseases: 1,967 cases.
 - Other diseases: 403 cases.
- Most reported morbidity indicators:
 - Malaria: 66 cases.
 - Measles: 11 cases.
 - AIDS: 21 cases.
 - MOPH total budget: 486,658,209,000 LBP.

Hospitals contracting with the Ministry of Public Health in 2010



MOPH Subsidized hospitals admissions

There are 229,529 hospitalized diagnoses in 2010.

MOPH subsidized hospitals admissions in 2010: 267,860:

Category of diagnosis and sex

Among the 267,860 hospitalized cases, 55.2% are females.

Table 20.1 – Categories of diagnosis and sex in 2010

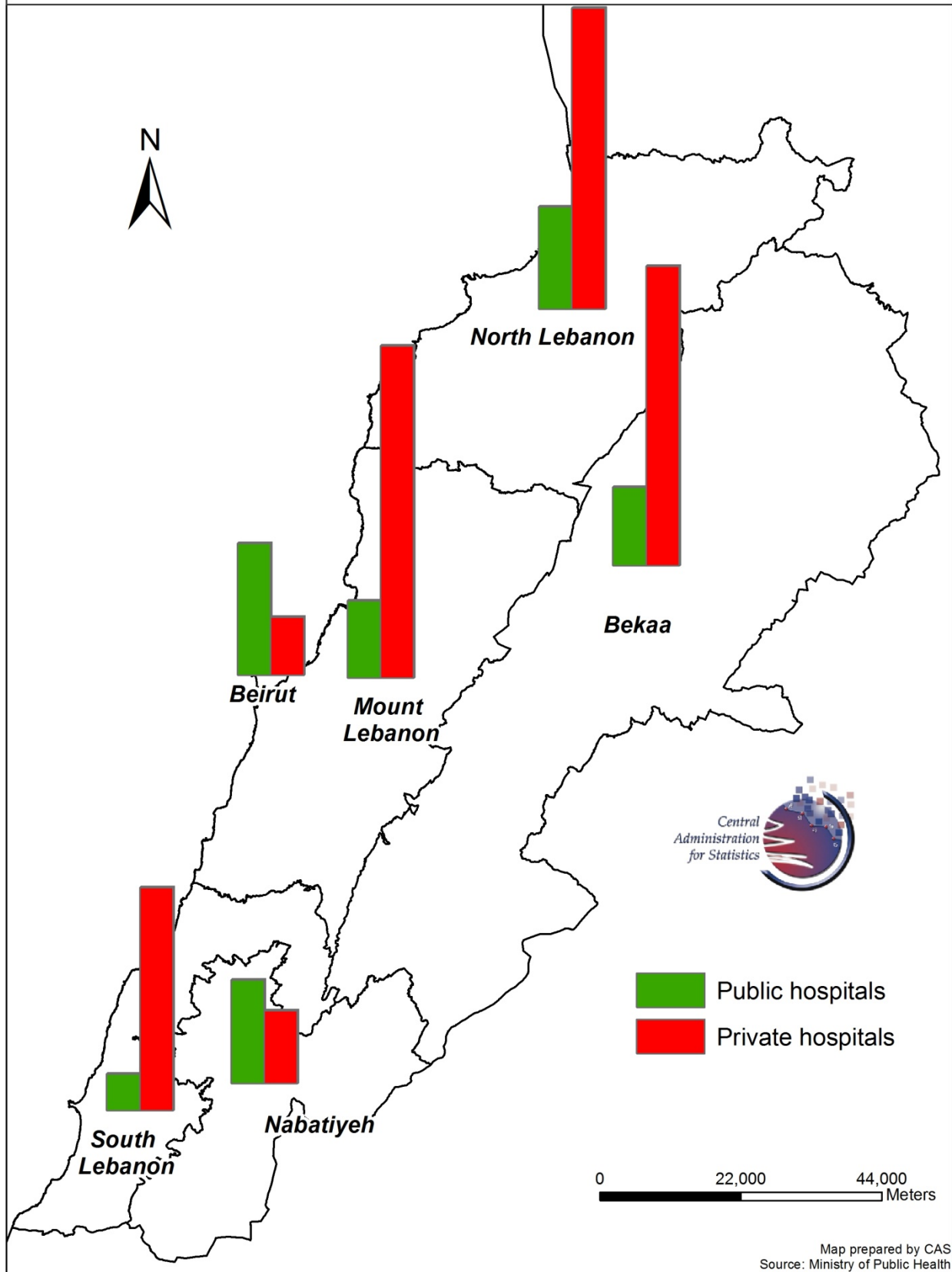
Code	Description	Number	% of total admissions	Females. % of description	Peak disease. % of description
A00-B99	Certain infections and parasitic diseases	11,292	4.2	46.9	A00-A09 – Intestinal infectious diseases (90.5)
C00-D48	Neoplasm	25,803	9.6	59.1	C00-C97 – Malignant neoplasms (88.3)
D50-D53	Diseases of the blood and blood forming organs and certain disorders involving the immune mechanism	3,298	1.2	53.2	D60-D64 – Aplastic and other anaemias (41.8)
E00-E90	Endocrine, nutritional and metabolic diseases	5,511	2.1	63.2	E10-E14 – Diabetes mellitus (60.4)
F00-F99	Mental and behavioral disorders	1,647	0.6	41.8	F20-F29 – Schizophrenia, schizotypal and delusional disorders (54.9)
G00-G99	Diseases of the nervous system	4,298	1.6	50.5	G40-G47 – Episodic and paroxysmal disorders (37.6)
H00-H59	Diseases of the eye and adnexa	8,001	3.0	54.3	H25-H28 – Disorders of lens (76.4)
H60-H95	Diseases of the ear and mastoid process	1,572	0.6	49.7	H65-H75 – Diseases of middle ear and mastoid (63.5)
I00-I99	Diseases of the circulatory system	37,476	14.0	46.8	I20-I25 – Ischaemic heart diseases (47.6)
J00-J99	Diseases of the respiratory system	27,834	10.4	46.4	J09-J18 – Influenza and pneumonia (36.1)
K00-K93	Diseases of the digestive system	21,638	8.1	47.7	K40-K46 – Hernia (25.6)
L00-L99	Diseases of the skin and subcutaneous tissue	1,840	0.7	41.8	L00-L08 – Infections of the skin and subcutaneous tissue (66.3)
M00-M99	Diseases of the musculoskeletal system and connective tissue	8,457	3.2	58.1	M00-M25 – Arthropathies (38.3)
N00-N99	Diseases of the genitourinary system	21,902	8.2	55.3	N20-N23 – Urolithiasis (33.0)
O00-O99	Pregnancy, childbirth and the puerperium	24,350	9.1	100.0	O80-O84 – Delivery (91.3)
P00-P96	Certain conditions originating in the perinatal period	3,652	1.4	41.6	P20-P29 – Respiratory and cardiovascular disorders specific to the perinatal period (52.2)
Q00-Q99	Congenital malformations, deformations and chromosomal abnormalities	1,565	0.6	32.7	Q50-Q56 – Congenital malformations of genital organs (32.3)
R00-R99	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	41,203	15.4	54.5	R10-R19 – Symptoms and signs involving the digestive system and abdomen (42.8)
S00-T98	Injury, poisoning and certain other consequences of external causes	14,119	5.3	38.4	T00-T07 – Injuries involving multiple body regions (14.1)
V01-Y98	External causes of morbidity and mortality	162	0.1	32.1	
Z00-Z99	Factors influencing health status and contact with health services	2,240	0.8	53.0	Z40-Z54 – Persons encountering health services for specific procedures and health care (62.1)
Total		267,860	100.0	55.2	

Table made by CAS based on Ministry of Public Health data (2010)

Peak of category of diagnosis:

- R00-R99 - Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified: 15.4%.

Admissions in Hospitals contracting with the Ministry of Public Health in 2010



Map prepared by CAS
Source: Ministry of Public Health

HIV / AIDS

21 cases of HIV / AIDS are reported in 2010 and 1,271 cases till November 2010 in Lebanon.

Table 20.2 – HIV / AIDS

Reported cases till November 2010	
Stage of the disease	
HIV	42.0%
AIDS	23.0%
Not specified	23.0%
Sex	
Females	11.0%
Males	89.0%
Age group	
< 30	18.0%
31 - 50	30.0%
> 51	17.0%
Not specified	35.0%
Mode of transmission	
Sexual	76.3%
Unspecified / Missing	23.5%
Sexual behavior	
Homosexual	19.4%
Bisexual	16.1%
Heterosexual	20.4%
Not specified	44.0%
Recent travel history	
Yes	29.0%
No	71.0%
Total cases	1,271

Table made by CAS based on Ministry of Public Health data (2010)

Notifiable disease cases reported to MOPH

In 2010, there are three types of notifiable diseases cases.

Table 20.3 – Notifiable disease cases

Category	Cases	Peak disease. % of total cases	Peak month. % of total cases
Vaccine preventable diseases	345	Viral hepatitis B (70.7)	April (11.3)
Food and water borne diseases	1,967	Typhoid fever (29.1)	August (19.6%)
Other diseases	403	Meningitis (45.3)	April (11.7)

Table made by CAS based on Ministry of Public Health data (2010)

Reported cases by age and sex

In 2010, there are three types of notifiable diseases cases.

Table 20.4 – Notifiable disease cases by age and sex

Category	Cases	Peak age. % of total cases	Females. % of total cases
Vaccine preventable diseases	345	20-39 years (32.8)	34.2
Food and water borne diseases	1,967	20-39 years (26.6)	48.2
Other diseases	403	20-39 years (24.3)	35.2

Table made by CAS based on Ministry of Public Health data (2010)

Reported cases by Mohafzat

In 2010, there are three types of notifiable diseases cases.

Table 20.4 – Notifiable disease cases by age and sex

Category	Cases	Peak Mohafzat. % of total cases
Vaccine preventable diseases	475	Mount- Lebanon (29.0)
Food and water borne diseases	2,174	Mount-Lebanon (40.5)
Other diseases	391	Mount-Lebanon (32.3)

Table made by CAS based on Ministry of Public Health data (2010)

Selected morbidity indicators

MOPH takes into account five morbidity indicators for the period 2004-2010.

Table 20.5 – Selected morbidity indicators

Indicator	Cases in 2004	Cases in 2010	Change between 2004-2010. %
Malaria	68	66	(2.9)
Measles	261	11	(95.8)
AIDS	23	21	(8.7)
Tetanus	1	2	100.0

Table made by CAS based on Ministry of Public Health data (2010)

MOPH itemized budget

MOPH itemized budget is studied for the period 2005-2010.

Table 20.6 – MOPH itemized budget. 1,000 LBP

Item	2005	2006	2007	2008	2009	2010	Change between 2005-2010. %
Hospitalization in private sector	241,357	238,875,000	25,000,000	256,000,000	305,000,000	320,000,000	132,484
Publics hospitals	20,000,000	12,054,000	15,000,000	15,000,000	12,000,000	12,000,000	(40)
Drugs	44,880,000	48,000,000	50,000,000	52,500,000	66,000,000	91,000,000	103
Contributions to NGOs	10,893,000	13,417,770	12,617,770	12,817,770	12,817,770	12,817,770	18
Salaries and other employees' benefits	24,730,000	24,535,092	24,173,000	24,052,860	27,522,100	27,472,900	11
Other expenses	8,644,000	9,189,638	7,950,800	11,047,403	13,936,228	18,593,039	115
Central laboratory (part 1)	1,198,000	1,145,500	990,100	992,192	948,500	977,500	(18)
Part Two (Central laboratory and MOPH)	8,598,000	1,572,000	900,000	1,507,000	1,523,000	3,797,000	(56)
Total budget of MOPH	360,300,000	348,789,000	361,631,670	373,917,225	439,747,598	486,658,209	35
Total government budget	10,000,000	11,195,000,000	11,840,000,000	11,475,000,000	16,304,000,000	19,537,600,000	195,276
Government debt	3,900,000,000	4,653,000,000	4,900,000,000	4,650,000,000	6,441,000,000	6,860,120,314	76
Total government budget excluding debts	6,100,000,000	6,542,000,000	6,940,000,000	6,825,000,000	9,863,000,000	12,677,479,686	108
Ministry of Public Health Budget out of total government budget (with debt). %	3.60	3.12	3.05	3.26	2.70	2.49	
Ministry of Public Health Budget out of total government budget (without debt). %	5.91	5.33	5.21	5.48	4.46	3.84	

Table made by CAS based on Ministry of Public Health data (2010)

The most obvious characteristics of this table are the following:

- Hospitalization in private sector increased 132,484 % between 2005 and 2010.
- Public hospitals budget decreased 40% between 2005 and 2010.
- Drugs increased 103% between 2005 and 2010.
- Other expenses increased 115% between 2005 and 2010.
- Part Two (Central Laboratory and MOPH) decreased 56% between 2005 and 2010.
- MOPH total budget increased 35% between 2005 and 2010.