

**Sector: Health**  
**Sub-Sector / Technically Autonomous Unit (Network, basin, ..): Insurance Schemes**

Sector	Sub-sector	Geographic area	Component	Present Situation	Target Situation	Projects	Characteristics											Priority	
							Description	Technical Constraints			Cost					Impact	Uncertainty (High, Medium, Low)		
								Min. delay to start (Year)	Min. constr. Period (Year)	Invest. Million US\$	Land value / expro (a')	Yearly maintenance cost (b) %	Major rehab/replac. cost (c) %	Span for rehab/replc (d) (Year)	Yearly operation cost (e)				Uncertainty
			<b>Physical Stock</b>	* MOH currently operates in a small and unorganised premises	* MOH operates in larger premises	rent premises for MOH for a period of 12 years		0.5	0.5	0.5		6	100	10	70	20%	higher efficiency	low	1
Health	Insurance Schemes	Lebanon	<b>Institutional Setup</b>	* MOH acts as the insurer of the last resort	* MOH is the reference which sets systems and standards	* Upgrade management procedures and human resources with MOH		1	2	4			100	10	5	20%	higher efficiency	low	1
				* Large number of public and para-public health insurance schemes that cover different levels of services and provide unequal financial coverage	* All insured individuals receive the same health care quality	* Unify the systems under which the various schemes operate through coordination among them, in terms of quality of health care, making use of MOH database and adopting the hospital flat rate	research studies	1	2	2		5	10	10	25	20%	standardised systems	low	1
Health	Insurance Schemes	Lebanon				* Adoption of unified medical card to make use of rationalised automatic established link between PHC and hospitals	high-tech software and equipment	2	2	8		10	50	10	63	60%	higher efficiency	low	2
Health	Insurance Schemes	Lebanon		* More than 50% of the population is not covered by any insurance scheme, and thus theoretically have to be covered by MOH	* All residents have insurance coverage	* Develop a unified health care scheme that embraces all the currently existing schemes, including MOH, so as to cover all residents	research studies , rehabilitation/construction of premises, software & equipment	4	2	10		10	35	10	1125	60%	social equity	medium	3
			<b>Economic values:</b>																
			Investment (a) Mil US\$	7	20														
			Land value/expropriation (a') Mil US\$	2	7														
			Yearly maintenance % (b)	6%	0.08%														
			Major rehab/replacement % (c)	10%	0.20%														
			Span for rehab/replacement (years)	10	10														
			Yearly operation cost % (e)	1000%	5.75%														
			<b>Performance Indicators:</b>																
			<b>Results Means</b>																

**Sector: Health**  
**Sub-Sector / Technically Autonomous Unit (Network, basin, ..): Hospitals**

Sector	Sub-sector	Geographic area	Component	Present Situation	Target Situation	Projects	Characteristics										Priority					
							Technical Constraints			Cost				Impact	Uncertainty							
							Description	Min. delay to start (Year)	Min. constr. Period (Year)	Invest. Million US\$	Land value / expro (a)	Yearly maintenance cost (b) %	Major rehab/replac. cost (c) %			Span for rehab/replc (d) (Year)		Yearly operation cost (e) %	Uncertainty			
Health	Hospitals	Lebanon	<b>Physical Stock</b>	* Uneven geographical distribution of hospitals * Very low supply from the public side: 1,034 beds at the end of 2005	* Hospitals are available in all Lebanese regions * Public bed capacity will increase to 2,175 in 2007	* Increase number of operational hospitals in different regions * Increase the public bed capacity by 1,141 till the end of 2007**, detailed as follows	* Build, rehabilitate and equip public hospitals in different Lebanese regions															
						<u>Till end of 2006:</u>	<u># beds</u>															
						Saida	125		1	20	4	30	10	28	40%			Medium		1		
						Bint Jbeil	100		1	16	4	30	10	28	40%			Medium		1		
						Tibneen	70		1	11.2	4	30	10	28	40%			Medium		1		
						Baalbeck	114		1	18.2	4	30	10	28	40%			Medium		1		
						Hermel	75		1	12	4	30	10	28	40%			Medium		1		
						Ftough Kesserwan	75		1	12	4	30	10	28	40%			Medium		1		
						Zahleh	152		1	24.3	4	30	10	28	40%			Medium		1		
						Tripoli	220		1	35.2	4	30	10	28	40%			Medium		1		
						Shahar Gharbi	70		1	11.2	4	30	10	28	40%			Medium		1		
						<b>Sub-Total (2006)</b>	<b>1,001</b>															
						<u>Till end of 2007:</u>																
						Baabda	100		1	16	4	30	10	28	40%			Medium		2		
						Jezzine	40		1	6.4	4	30	10	28	40%			Medium		2		
						<b>Sub-Total (2007)</b>	<b>140</b>															
						<b>Total</b>	<b>1,141</b>															
Health	Hospitals	Lebanon	<b>Institutional Setup</b>	* Hospitals are not up to adequate standards, especially when it comes to size * Low occupancy rates * Lack of adequate HR and low salary scales	* All hospitals satisfy required specifications and standards * Higher occupancy rates, comparable to those in OECD countries * Adequate staff and adequate salaries	* Improve the quality of resources used by hospitals especially that of staff, through training staff of the public hospitals * Drive inefficient hospitals out of the market, thus reducing redundant supply and raising occupancy * Recruit new staff according to new salary scales	* Make the process of accreditation a continuous practice	Training program for staff of public hospitals***			10										medium	
			<b>Economic values:</b>																			
			Investment (a) Mil US\$	165	350																	
			Land value/expropriation (a') Mil US\$	55	117																	
			Yearly maintenance % (b)	1.50%	1.50%																	
			Major rehab/replacement % (c)	30%	30%																	
			Span for rehab/replacement (years) (d)	10	10																	
			Yearly operation cost % (e)	21%	29%																	
			<b>Performance Indicators:</b>																			
			<b>Results</b>																			
			<b>Means</b>																			

**Sector: Health**  
**Sub-Sector / Technically Autonomous Unit (Network, basin, ..): Pharmaceuticals**

Sector	Sub-sector	Geographic area	Component	Present Situation	Target Situation	Projects		Characteristics								Impact	Uncertainty (High, Medium, Low)	Priority		
						ΔS	Remarks	Technical Constraints			Cost									
								Description	Min. delay to start (Year)	Min. constr. Period (Year)	Invest. Million US\$	Land value / expro (a')	Yearly maintenance cost (b) %	Major rehab/replac. cost (c) %	Span for rehab/replac (d) (Year)				Yearly operation cost (e)	Uncertainty
			<b>Physical Stock</b>																	
Health	Pharmaceuticals	Lebanon	<b>Institutional Setup</b>	* High drug bill due to high set profit margins	* Lower drugs bill	a- Schemes would cover all drugs according to a benchmark to be determined and/or b- Schemes would cover only certain enlisted drugs. The latter is to be done in collaboration with international partner(s).	* Complete and maintain the current efforts of the MOH aiming at narrowing down the profit margins in order to reduce the drugs prices	* Conduct a market study to collect data on: a) diseases vs. needs (relevant medications), and b) supply vs. demand	0.5	1	1.5		100		7	10	20%		low	1
Health	Pharmaceuticals	Lebanon		* Elevated proportion of imported drugs	* Lower the dependence on imported drugs as well as trade names		* Enhance the local production of drugs and progressively promote the consumption and production of generic drugs													
Health	Pharmaceuticals	Lebanon		* Low supply of and demand for generic drugs * Uncontrolled supply/number of drugs	* Higher reliance on and faith in generic drugs			* Launch awareness campaigns	1	1.5	4		25		5	5	20%		low	1
			<b>Economic values:</b> Investment (a) Mil US\$ Land value/expropriation (a') Mil US\$ Yearly maintenance % (b) Major rehab/replacement % (c) Span for rehab/replacement (years) (d) Yearly operation cost % (e)																	
			<b>Performance indicators:</b>  <b>Results Means</b>																	

**Sector: Health**  
**Sub-Sector / Technically Autonomous Unit (Network, basin, ..): Primary Health Care**

Sector	Sub-sector	Geographic area	Component	Present Situation Sp	Target Situation St	Projects ΔS	Remarks	Characteristics								Impact	Uncertainty (High, Medium, Low)	Priority										
								Technical Constraints				Cost																
								Description	Min. delay to start (Year)	Min. constr. Period (Year)	Invest. Million US\$	Land value / expro (a')	Yearly maintenance cost (b) %	Major rehab/replac. cost (c) %	Span for rehab/replc (d) (Year)				Yearly operation cost (e)	Uncertainty								
Health	PHC	Lebanon  Greater Beirut North South Bekaa Mount Leb. North South Bekaa Mount Leb.	Physical Stock	* Large number of health care centres and dispensaries not all adequately equipped to receive serious cases	* Well-equipped health care centres that are considered PHC centres	* Reallocating 73 centres to increase the number of PHC centres to 160, including information system: 2; Equipment: 3; Essential drugs to PHC centers: 23; Drugs to dispensaries: 18; Training & health education: 3; Monitoring & evaluation (experts in all regions): 2:  10 7 7 7 7 7 7 7 7 7	Investment cost																					
											Institutional Setup																	
			Economic values:																									
			Investment (a) Mil US\$	13	64																							
			Land value/expropriation (a') Mil US\$																									
			Yearly maintenance % (b)	0.80%	0.47%																							
			Major rehab/replacement % (c)	40%	30%																							
			Span for rehab/replacement (years)	10	10																							
			Yearly operation cost % (e)	69%	55%																							
			Performance Indicators:																									
			Results																									
			Means																									