

9. LEBANON

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Major Changes

- Hizbullah forces (Non Governmental) now stocks some 50,000 rockets of all sizes. In particular – they received the M600 medium range ballistic missiles from Syria, as well as allegedly some Scud systems as well.
 - No other major changes were recorded in the Lebanese order of battle.
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General Data

Official Name of the State: Republic of Lebanon

Head of State: President Michel Suleiman

Prime Minister: Najib Mikati

Minister of Defense: Fayeze Ghosn

Commander-in-Chief of the Armed Forces: Lieutenant General Jean Kahwaji

Chief of General Staff: Brigadier General Shawki al-Masri

Commander of the Air Force: Brigadier General Ghassan Chahine

Commander of the Navy: Rear Admiral Nazih Baroudi

Area: 10,452 sq. km.

Population: 4,300,000

Lebanon

Demography

Ethnic groups		
• Arabs	3,895,000	95.0%
• Armenians	164,000	4.0%
• Others	41,000	1.0%
Religious groups		
• Shi'ite Muslims	1,312,000	32.0%
• Sunni Muslims	861,000	21.0%
• Druze	246,000	6.0%
• Alawis	41,000	1.0%
• Christians:		
Maronites	861,000	21.0%
Greek Orthodox	328,000	8.0%
Greek Catholic	205,000	5.0%
Armenians	164,000	4.0%
(Orthodox and Catholic)		
• Others	82,000	2.0%

Economic Data

		2006	2007	2008	2009	2010
• GDP (current prices)	\$ bn	22.4	25.1	28.8	30.2	NA
• GDP per capita	\$	5,463	5,976	6,857	7,190	NA
• Real GDP growth	%	0.6	7.5	9.0	7.8	7.2
• Consumer price index	%	5.6	9.3	5.5	2.0	4.0
• External debt	\$ bn	30.8	31.8	33.8	36.2	NA
Balance of payments						
• Exports fob	\$ bn	3.2	4.1	5.1	4.7	4.25
• Imports fob	\$ bn	-9.3	-11.9	-16.3	-16.7	-17.97
• Current account balance	\$ bn	-1.25	-1.3	-3.1	-3.0	-3.7
Government expenditure						
• government expenditure	%	35.1	33.3	34.5	39.5	NA
• Defense expenditure	\$ bn	1.0	1.15	1.17	1.43	1.63
• Real change in defense expenditure	%	4.2	15.0	1.7	22.2	14
• Defense expenditure / GDP	%	4.5	4.6	4.0	4.7	NA
Population	m	4.1	4.2	4.2	4.2	4.3
Official exchange rate	L£: \$1	1,507.5	1,507.5	1,507.5	1,507.5	1,507.5

Sources: EIU Quarterly Report, EIU Country Profile, IMF International Financial Statistical Yearbook, SIPRI Yearbook.

Lebanon

Foreign Military Cooperation

Type	Details
<ul style="list-style-type: none"> Foreign forces 	Palestinian organizations, 2,000 Iranian instructors with Hizbullah non-government militia in the Beka' , UNIFIL force in south Lebanon (11,500 from Austria, Bangladesh, Belgium, Brunei, China, Croatia, Cyprus, El-Salvador, France, Germany, Ghana, Greece, Guatemala, Honduras, Hungary, India, Indonesia, Ireland, Italy, South Korea, Luxemburg, Malaysia, Macedonia, Nepal, Niger, Portugal, Qatar, Sierra Leone, Slovenia, Spain, Tanzania and Turkey)
<ul style="list-style-type: none"> Joint maneuvers 	Italy (2007), USA (2008)
<ul style="list-style-type: none"> Security cooperation agreements 	Iran (2008), Turkey (2009), UNIFIL (2011)

Arms Trade

Arms Procurement and Security Assistance Received

Country	Type	Details
Belgium	<ul style="list-style-type: none"> Arms transfers 	Loepard-1 MBTs (2008), YPR APCs (2009)
France	<ul style="list-style-type: none"> Arms transfers 	HOT ATGMs (2010) , upgrading of Gazelle helicopters (2010)
Germany	<ul style="list-style-type: none"> Arms transfers 	Patrol boats (2008)
Iran	<ul style="list-style-type: none"> Military training 	Advisers and training to Hizbullah and Islamic Jihad
Russia	<ul style="list-style-type: none"> Arms transfers 	Mi-24 helicopters (2010), T-72 MBTs (2010), 130mm M-46 guns (2010)
Syria	<ul style="list-style-type: none"> Arms transfers 	M600 SSMs (2010), Scud-B SSMs (2010)
UAE	<ul style="list-style-type: none"> Arms transfers 	Patrol boats (2008), Milan ATGMs (2008), IAR-330 Puma helicopters (2010), AW139 helicopter (2008) , Hawk Mk.63 aircraft (2010)
US	<ul style="list-style-type: none"> Assistance Arms transfers 	\$184 million military aid (2011) RHIBs (2009) , HMMWVs (2011), Upgrading of helicopters (2008), 155mm M198 guns (2010), Raven UAVs (2010), AC-208 aircraft (2012), S-61N helicopters (2009), 120mm mortars (2010), R44 Raven helicopters (2010), AMP-145 PBs (2012)
	<ul style="list-style-type: none"> Military training 	Training of Special Forces, Internal Security Forces (2010), Trainees in USA (2010)

Lebanon

Arms Sales and Security Assistance Extended

Country	Type	Details
PA	<ul style="list-style-type: none"> Assistance Arms transfers Military training 	funding of Hamas operatives (2008) MRLs , mortars (2008) Training by hizbullah (2008)

Strategic Assets

NBC Capabilities

Nuclear capability

No nuclear capability. Party to the NPT.

Chemical weapons and protective equipment

No known CW activity. Party to the CWC.

Biological weapons

No known BW activities. Party to the BWC.

Armed Forces

Order-of-Battle

	2008	2009	2010	2011	2012
General data					
• Personnel (regular)	61,400	61,400	61,400	61,400	61,400
Ground forces					
• Number of brigades	12	12	12	12	12
• Tanks	240 (350)	240 (350)	240 (350)	240 (350)	240 (350)
• APCs/AFVs	1,545 (1,680)	1,800 (1,950)	1,860 (2,010)	2,055 (2,150)	2,055 (2,150)
• Artillery (including MRLs)	~335	~335	~335	~335	~335
Air force					
• Combat aircraft	2	5	5	5	5
• Helicopters	36 (43)	48 (57)	50 (59)	52 (61)	52 (61)
Navy					
• Patrol craft	40	41	41	41	41

* Due to change in estimate.

Lebanon

Personnel

	Regular	Reserve	Total
Ground Forces	60,000	15,000	75,000
Air Force	1,000		1,000
Navy	400		400
Total	61,400		76,400
Paramilitary			
• Gendarmerie/ internal security	50,000		50,000

Ground Forces

Formations

	corps	Independent brigades	Independent Regiments
Armored			2
Mechanized		5	
Infantry		6	
Presidential guard		1	
Special forces/ Airborne/ Intervention			7
Artillery			2
Support/ Logistics/ Medical			3
Total		12	14

Tanks

	Model	Quantity	In service	Since	Notes
MBTs					
Medium and low quality					
• T-55/upgraded T-54		180	180	1985	
• M48 A1/A5		130	60	1983	
Subtotal		310	240		
Light tanks					
• AMX-13/105mm gun		20	0	1982	Obsolete
• AMX-13/75mm gun		20	0	1981	Obsolete
Subtotal		40	0		
Total		350	240		
Future procurement					
• T-72		31			Under negotiations
• Leopard-1		43			Under negotiations

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APCs/AFVs					
Model	Quantity	In service	Since	Notes	
APCs					
• M113 A1/A2	1,100	1,100	1970	100 of which to be upgraded	
• M-3 (Panhard VIT)	15	15	1976		
• YPR-765	70	70	2009		
Subtotal	1,185	1,185			
IFVs					
• VAB-VCI/VTT	100	100	1984		
• V-150 Commando	50	0	1981		
Subtotal	150	100			
Reconnaissance					
• AML-90	80	45	1993	Possibly phased out	
• Saracen/Saladin	60	0	1979		
Subtotal	140	45			
Light Armored Vehicles					
• HMMWV	725	725	2007		
Total	2,150	2,055			

Artillery				
Model	Quantity	In service	Since	Notes
Towed guns and howitzers				
• 155mm M198	77	77	1984	
• 155mm M114	20	20	1980	
• 155mm M50	12	12	1970	
• 130mm M46	20	20	1986	
• 122mm D-30	24	24	1985	
• 122mm M-1938	36	36	1973	
• 105mm M101A1	15	15	1982	
• 105mm M102	10	10	1983	
Subtotal	173	173		
Mortars, under 160mm				
• 120mm Brandt M-50 and M-60	130	130	1973	
MRLs				
• 122mm BM-21/BM-11	30	30	1993	
Total	335	335		
Future procurement				
• 130mm M-46	36			Under negotiations
• 155mm M198	30			Under negotiations

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Model	Quantity	In service	Since	Notes
• 120mm mortars	24			Delivery by 2012

Logistics and Engineering Equipment

M578 recovery vehicles (25), Minecat 230 minesweeper, Bozena minesweeper
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Anti-Tank Missiles

Model	Quantity	In service	Since	Notes
• SMAW-D/ AT4-CS	1,000	1,000	2007	
• MILAN	100	100	2008	
Total	1,100	1,100		

Air Force

Order-of-Battle

Category	Quantity	In service	Notes
Combat aircraft	5	5	
Helicopters	61	52	

Combat Aircraft

Model	Quantity	In service	Since	Notes
Ground attack				
• AC-208 Caravan	1	1	2009	
• FGA-70 Hawker Hunter	4	4	2009	Refurbished
Total	5	5		
Future procurement				
• Hawk Mk 63	10			Under negotiations
• AC-208 Caravan	1		2013	

Training and Liaison Aircraft

Model	Quantity	In service	Since	Notes
• B.125 Bulldog	3	3	2010	Refurbished

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Helicopters

Model	Quantity	In service	Since	Notes
Attack helicopters				
• SA-342 Gazelle	12	12	2007	From UAE drawdown
Heavy transport				
• S-61N Sea King	3	3	2009	From US drawdown
Medium transport				
• AB-212	5	5	2008	Refurbished
• AW 139	1	1	2008	VIP transport
• UH-1H (Bell 205)	23	14	1995	To be refurbished
• SA-330 Puma (possibly IAR-330)	13	13	2008	From UAE drawdown
Subtotal	42	33		
Light transport				
• R44 Raven	4	4	2009	
Total	61	52		
Future procurement				
• Mi-24	6			

Miscellaneous Aircraft

Model	Quantity	In service	Since	Notes
Mini-UAVs				
• RQ-11 Raven	12	12	2010	

Advanced Armament

HOT ATGMs (40)
Future procurement
HOT ATGMs (100)

Air Force Infrastructure

Military airfields	3
Rayaq, Kleiat, Beirut	

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Air Defense Forces

Surface-to-Air Missiles

Model	Batteries	Launchers	Since	Notes
Shoulder-launched missiles				
• SA-7 (Grail)		20	2000	

Other Air Defense Systems

Model	Quantity	In service	Since	Notes
Short-range guns				
• 40mm M42 SP	10	10	1966	Probably in storage
• 23mm ZU 23x2	10	10	1981	
• 23mm ZU 23x2 SP	+	+	1985	On M113
• 20mm	+	+	1984	Probably in storage
Total	~ 75	~ 75		

Navy

Patrol Craft

Type	Quantity	Length (m.)/ displacement (t.)	Notes / armament
• Aamchit	1	34m	From German Navy drawdown
• Naquora	1	20/32	From German Navy drawdown
• Tabarja	1	27.8/126	From German Navy drawdown
• Al-Kalamoun PB	1	30.3/67	1x12mm MG Ex-French Customs
• Interceptor craft	10	12.5/14.5m	Donated by UAE
• Tracker II class	7	20/38	3x12.7mm guns
• Inshore patrol craft (M-boot)	20	8.2/6	Additional 5 non operational
Total	41		
Future procurement			
• 42m AMP-145 PB	1		Delivery by 2012

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Landing Craft

Type	Quantity	Length (m.)/ displacement (t.)	Notes / armament
• EDIC class LCT	2	59/670	16 Troops 8 APCs 1x81mm MRL 2x20mm guns

Naval Special Operation Forces

Type	Quantity	Length (m.)/ displacement (t.)	Notes / armament
• RIBs	20	9	

Naval Infrastructure

Naval bases	5		
Beirut, Junieh, Sidon, Tripoli, Tyre			
Ship maintenance and repair facilities			
55 meter slipway for light craft repairs in Junieh			

Major Non-Governmental Paramilitary Forces

Personnel

	Active	Reserves	Total
• Hizbullah	2,500	25,000	28,000
• Popular Liberation Army (Druze)		10,000	10,000
• Amal	50-100	10,000	10,000

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Equipment			
Organization	Category	System	Notes
Hizbullah	APCs	<ul style="list-style-type: none"> • M113 	
	Mortars	<ul style="list-style-type: none"> • 81mm • 120mm 	
	MRLs	<ul style="list-style-type: none"> • 122mm BM-21 • 220mm Raad 	Syrian made rockets
	SSMs	<ul style="list-style-type: none"> • M600 / Fatah-110 • 610mm Zelzal-2 	} Allegedly controlled by Iranian Revolutionary Guards
	Artillery rockets	<ul style="list-style-type: none"> • Scud-B 	Allegedly
		<ul style="list-style-type: none"> • 240mm Fajr-3 	
		<ul style="list-style-type: none"> • 302mm Khaibar 	Syrian made rockets
		<ul style="list-style-type: none"> • 333mm Falaq • 333mm Fajr-5 	Allegedly controlled by Iranian Revolutionary Guards
	ATGMs	<ul style="list-style-type: none"> • AT-3 Sagger • AT-4 Fagot • RPG-29 • Metis-M • Kornet-E • TOW 	
	Anti-ship missiles	<ul style="list-style-type: none"> • C-802 	Allegedly controlled by Iranian Revolutionary Guards
	Aircraft	<ul style="list-style-type: none"> • Ultra-light aircraft 	
	UAVs	<ul style="list-style-type: none"> • Mirsad-1 	Originally Iranian "Muhajer-4"
	Air Defense	<ul style="list-style-type: none"> • SA-7/ Saeqh-1/ QW-1 • SA-16 • SA-18 • Stinger • ZU-23x2 • 57mm 	Allegedly