

## 9. LEBANON

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### Major Changes

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- Following the war in summer 2006 the Lebanese Armed forces are undergoing some significant changes. The Lebanese Armed Forces received substantial foreign aid, stocks are being refurbished and some new equipment was received – mostly through donations. This includes 9 Gazelle helicopters, 200 HMMWV (still being delivered).
  - The Internal Security Force of the Lebanese Government nearly doubled its force during the past year. The force is part of the ministry of Interior which is controlled by a Sunni Moslem.
  - Hizbulla forces (Non Governmental) renewed all of its stocks of short and medium range artillery rockets and advanced ATGM, which were used extensively during the war.
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## Lebanon

### General Data

**Official Name of the State:** Republic of Lebanon

**Head of State:** President Emile Lahoud

**Prime Minister:** Fouad Siniora

**Minister of Defense:** Elias Murr

**Commander-in-Chief of the Armed Forces:** Lieutenant General Michel Sulayman

**Chief of General Staff:** Brigadier General Sawqi al-Massri

**Commander of the Air Force:** Brigadier General George Shaàban

**Commander of the Navy:** Rear Admiral George Maàlouf

**Area:** 10,452 sq. km.

**Population:** 3,700,000

### Demography

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#### Ethnic groups

• Arabs	3,515,000	95.0%
• Armenians	148,000	4.0%
• Others	37,000	1.0%

#### Religious groups

• Shi'ite Muslims	1,184,000	32.0%
• Sunni Muslims	777,000	21.0%
• Druze	222,000	6.0%
• Alawis	37,000	1.0%
• Christians:		
Maronites	777,000	21.0%
Greek Orthodox	296,000	8.0%
Greek Catholic	185,000	5.0%
Armenians	148,000	4.0%
(Orthodox and Catholic)		
• Others	74,000	2.0%

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## Lebanon

### Economic Data

		2002	2003	2004	2005	2006
• GDP (current prices)	\$ bn	18.5	19.7	20.4	21.2	20.5
• GDP per capita	\$	5,286	5,628	5,828	5,889	5,694
• Real GDP growth	%	2.6	2.8	4.3	0.1	-7.7
• Consumer price index	%	3.6	3.1	2.2	2.4	4.8
• External debt	\$ bn	20.6	21.7	25.5	26.7	29.7
<b>Balance of payments</b>						
• Exports fob	\$ bn	1.02	1.73	2.05	2.28	2.07
• Imports fob	\$ bn	5.95	6.53	8.5	8.37	7.74
• Current account balance (including services and income)	\$ bn	-4.38	-5.0	-4.12	-1.88	-2.38
<b>Government expenditure</b>						
• Total expenditure	\$ bn	6.72	7.02	NA	NA	NA
• Defense expenditure	\$ bn	0.9	0.92	0.92	1.00	0.94
• Real change in defense expenditure	%	-5.4	2.2	0	8.7	-5.6
• Defense expenditure / GDP	%	4.7	4.6	4.5	4.7	4.6
Population	m	3.5	3.5	3.5	3.6	3.6
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.

### Foreign Military Cooperation

Type	Details
• Foreign forces	Palestinian organizations, 150 Iranian instructors with Hizbullah non-government militia in the Beka', UNIFIL force in south Lebanon (13,000 from Belgium, China, Denmark, Finland, France, Ghana, Greece, Hungary, India, Indonesia, Ireland, Italy, South Korea, Malaysia, Nepal, Netherlands, Norway, Poland, Portugal, Qatar, Slovenia, Slovakia, Spain, Sweden and Turkey)
• Joint maneuvers	Italy (2007)

## Lebanon

### Arms Trade

#### Arms Procurement and Security Assistance Received

Country	Type	Details
France	• Military training	Officer training in France (2003)
Iran	• Assistance	\$100 million annually to Hizbullah and Islamic Jihad
	• Arms transfers	Falaq artillery rockets (2003) , Mirsad UAVs (2004), C-802 SSMs (2006)
	• Military training	Advisers and training to Hizbullah and Islamic Jihad (2006)
Kuwait	• Military training	trainees abroad (2004)
Syria	• Arms transfers	220mm and 302mm MRLs (2006) , Metis-M and Kornet-E ATGMs (2006) , SA-18 SAMs (2006)
UAE	• Arms transfers	AS-365 Gazelle helicopters (2007), Patrol boats (2007)
US	• Assistance	Approx. \$220 million military aid (2007)
	• Arms transfers	RHIBs (2005) , HUMMWVs (2007)
	• Military training	trainees in the USA (2005), Search and Rescue training of special forces (2005)

#### Arms Sales and Security Assistance Extended

Country	Type	Details
PA	• Assistance	funding of Hamas operatives (2004)
	• Arms transfers	MRLs , mortars (2004)
	• Military training	Training by hizbullah (2004)

### Strategic Assets

#### NBC Capabilities

##### Nuclear capability

No nuclear capability. Party to the NPT.

##### Chemical weapons and protective equipment

No known CW activity. Not a party to the CWC.

##### Biological weapons

No known BW activities. Party to the BWC.

## Lebanon

### Armed Forces

#### Order-of-Battle

	2003	2004	2005	2006	2007
<b>General data</b>					
• Personnel (regular)	61,400	61,400	61,400	61,400	61,400
<b>Ground Forces</b>					
• Number of brigades	13	13	13	13	13
• Tanks	280 (350)	280 (350)	280 (350)	280 (350)	240 (350)
• APCs/AFVs	1,235 (1,380)	1,235 (1,380)	1,235 (1,380)	1,235 (1,380)	1,520 (1,665)
• Artillery (including MRLs)	~335	~335	~335	~335	~335
<b>Air Force</b>					
• Helicopters	16 (38)	16 (38)	14 (36)*	14 (36)	24 (38)
<b>Navy</b>					
• Patrol craft	20	20	20	27	27

\* Due to change in estimate.

#### Personnel

	Regular	Reserve	Total
Ground Forces	60,000	15,000	75,000
Air Force	1,000		1,000
Navy	400		400
<b>Total</b>	<b>61,400</b>		<b>76,400</b>
<b>Paramilitary</b>			
• Gendarmerie/ internal security	24,000		24,000

## Lebanon

### Ground Forces

#### Formations

	Independent brigades	Independent Regiments
Armored		2
Mechanized	5	
Infantry	6	
Presidential guard	1	
Special forces/ Airborne/ Intervention		5
Artillery		2
Support/ Logistics/ Medical		3
<b>Total</b>	<b>12</b>	<b>8</b>

#### Tanks

Model	Quantity	In service	Since	Notes
<b>MBTs</b>				
<b>Medium and low quality</b>				
• T-55/upgraded T-54	180	180	1985	
• M48 A1/A5	130	60	1983	
Subtotal	310	240		
<b>Light tanks</b>				
• AMX-13/105mm gun	20	0	1982	Obsolete
• AMX-13/75mm gun	20	0	1981	Obsolete
Subtotal	40	0		
<b>Total</b>	<b>350</b>	<b>240</b>		

## Lebanon

### APCs/AFVs

Model	Quantity	In service	Since	Notes
<b>APCs</b>				
• M113 A1/A2	1,100	1,100	1970	
• M-3 (Panhard VIT)	15	15	1976	
Subtotal	1,115	1,115		
<b>IFVs</b>				
• VAB-VCI/VTT	75	75	1984	
• V-150 Commando	50	0	1981	
Subtotal	125	75		
<b>Reconnaissance</b>				
• AML-90	80	45	1993	
• Saracen/Saladin	60	0	1979	Possibly phased out
Subtotal	140	45		
<b>Light Armored Vehicles</b>				
• HUMMWV	285	285	2007	Being delivered
<b>Total</b>	<b>1,665</b>	<b>1,520</b>		

### Artillery

Model	Quantity	In service	Since	Notes
<b>Towed guns and howitzers</b>				
• 155mm M198	36	36	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		
<b>Mortars, under 160mm</b>				
• 120mm Brandt M-50 and M-60	130	130	1973	
<b>MRLs</b>				
• 122mm BM-21/BM-11	30	30	1993	
<b>Total</b>	<b>335</b>	<b>335</b>		

## Lebanon

### 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
• BGM-71A TOW	24	24	1975	
• MILAN	+	+	1979	
<b>Total</b>	<b>80</b>	<b>80</b>		

## Air Force

### Order-of-Battle

Category	Quantity	In service	Notes
Helicopters	38	24	

### Helicopters

Model	Quantity	In service	Since	Notes
<b>Medium transport</b>				
• UH-1H (Bell 205)	23	15	1995	
• SA-342 Gazelle	9	9	2007	
• SA-330 Puma (possibly IAR-330)	2	0	1980	
• AB-212	4	0	1973	
<b>Total</b>	<b>38</b>	<b>24</b>		

### Air Force Infrastructure

<b>Military airfields</b>	<b>3</b>		
Rayaq, Kleiat, Beirut			

## Air Defense Forces

### Surface-to-Air Missiles

Model	Launchers	Since	Notes
<b>Shoulder-launched missiles</b>			
• SA-7 (Grail)	+		

## Lebanon

### Other Air Defense Systems

Model	Quantity	In service	Since	Notes
<b>Short-range guns</b>				
• 40mm M42 SP	10-12	10-12	1966	Probably in storage
• 23mm ZU 23x2	+	+	1981	
• 23mm ZU 23x2 SP	+	+	1985	On M113
• 20mm	+	+	1984	Probably in storage
<b>Total</b>	<b>~ 75</b>	<b>~ 75</b>		

## Navy

### Patrol Craft

Type	Quantity	Length (m.)/ displacement (t.)	Notes / armament
• Tracker II class	7	20/38	3x12.7mm guns
• Inshore patrol craft (M-boot)	20	8.2/6	Additional 5 non operational
<b>Total</b>	<b>27</b>		

### 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
• RHIBs	+		

### Naval Infrastructure

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

## Lebanon

### Major Non-Governmental Paramilitary Forces

#### Personnel

	Active	Reserves	Total
• Hizbullah	600-800	3,000-5,000	5,800
• Popular Liberation Army (Druze)		10,000	10,000
• Amal	50-100	10,000	10,000

#### Equipment

Organization	Category	System	Notes
<b>Hizbullah</b>	APCs	<ul style="list-style-type: none"> <li>• M113</li> </ul>	
	Artillery guns	<ul style="list-style-type: none"> <li>• 106mm</li> </ul>	
	Mortars	<ul style="list-style-type: none"> <li>• 81mm</li> <li>• 120mm</li> </ul>	
	MRLs	<ul style="list-style-type: none"> <li>• 122mm BM-21</li> <li>• 220mm Uragan</li> </ul>	Syrian made rockets
	Artillery rockets	<ul style="list-style-type: none"> <li>• 240mm Fadjr-3</li> <li>• 302mm WS-1</li> <li>• 333mm Falaq</li> <li>• 333mm Fadjr-5</li> </ul>	Syrian made rockets Allegedly controlled by Iranian Revolutionary Guards
	ATGMs	<ul style="list-style-type: none"> <li>• 610mm Zelzal-2</li> <li>• AT-3 Sagger</li> <li>• AT-4 Fagot</li> <li>• RPG-29</li> <li>• Metis-M</li> <li>• Kornet-E</li> <li>• TOW</li> </ul>	}
	Anti-ship missiles	<ul style="list-style-type: none"> <li>• C-802</li> </ul>	Allegedly controlled by Iranian Revolutionary Guards
	Aircraft	<ul style="list-style-type: none"> <li>• Ultra-light aircraft</li> </ul>	
	UAVs	<ul style="list-style-type: none"> <li>• Mirsad-1</li> </ul>	Originally Iranian "Muhajer-4"
	Air Defense	<ul style="list-style-type: none"> <li>• SA-7</li> <li>• SA-16</li> <li>• SA-18</li> <li>• Saeqh-1</li> <li>• QW-1</li> </ul>	

## Lebanon

Organization	Category	System	Notes
		<ul style="list-style-type: none"><li>• Stinger</li><li>• ZU-23x2</li><li>• 57mm</li></ul>	