

Review of Armed Forces

1. ALGERIA

Major Changes

- The Algerian air force received all of its Su-30MKA combat aircraft from Russia.
 - Thus far the Algerian land forces received 180 T-90 MBTs from Russia. More MBTs are expected.
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General Data

Official Name of the State: Democratic and Popular Republic of Algeria

Head of State: President of the High State Council Abdul Aziz Bouteflika

Prime Minister: Ahmed Ouyahia

Minister of Defense: Abdul Aziz Bouteflika

Chief of General Staff: Major General Salih Ahmad Jaid

Commander of the Ground Forces: Major General Ahsan Tafer

Commander of the Air Force: Brigadier General Muhammad Ibn Suleiman

Commander of Air Defense Force: Brigadier General Achour Laoudi

Commander of the Navy: Admiral Mohammed Taher Yali

Area: 2,460,500 sq. km.

Population: 34,900,000

The tables that appear in the pages that follow present a summary of data on Middle East armed forces. More data is available on the INSS website, where it is updated regularly.

The table representing the order-of-battle of each country often gives two numbers for each weapon category. The first number refers to quantities in active service, whereas the second number (in parentheses) refers to the total inventory.

Strategic Assets

NBC Capabilities

Nuclear capability

One 15 MW nuclear reactor, probably upgraded to 40 MW (from PRC), allegedly serves a clandestine nuclear weapons program; one 1 MW nuclear research reactor (from Argentina); basic R&D; signatory to the NPT. Safeguards agreement with the IAEA in force. Signed and ratified the African Nuclear Weapon-Free Zone Treaty (Treaty of Pelindaba).

Chemical weapons and protective equipment

No data on CW activities available. Signed and ratified the CWC.

Biological weapons

No data on BW activities available. Signed and ratified the BWC.

Space Assets

Model	Type	Notes
Satellites		
• ALSAT-1	Remote sensing	90 kg, 32m resolution, earth monitoring civilian satellite for natural disasters
Future launch		
• ALSAT-2	Remote sensing	

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	127,000	127,000	127,000	127,000	127,000
Ground forces					
• Divisions	5	5	5	5	5
• Total number of brigades	26	26	26	26	26
• Tanks	900 (1,100)	900 (1,100)	940 (1,140)	1,000 (1,200)	1,080 (1,240)
• APCs/AFVs	1,915 (2,015)	1,915 (2,015)	1,955 (2,055)	1,955 (2,055)	1,955 (2,055)
• Artillery (including MRLs)	920 (1,000)	920 (1,000)	920 (1,000)	920 (1,000)	920 (1,000)

Order-of-Battle – cont'd

Year	2005	2006	2007	2008	2009
Air force					
• Combat aircraft	213 (243)	213 (243)	213 (243)	223 (253)	241 (271)
• Transport aircraft	41 (46)	41 (46)	41 (46)	46 (52)	46 (52)
• Helicopters	177 (186)	177 (186)	177 (186)	177 (186)	177 (186)
Air defense forces					
• Heavy SAM batteries	11	11	11	11	11
• Medium SAM batteries	18	18	18	18	18
• Light SAM launchers	78	78	78	78	78
Navy					
• Combat vessels	26	26	26	26	26
• Patrol craft	16	16	16	16	21
• Submarines	2	2	2	2	3

2. BAHRAIN

Major Changes

- No major change was recorded for the Bahraini armed forces in 2009.

General Data

Official Name of the State: State of Bahrain

Head of State: Amir Shaykh Hamad bin Isa al-Khalifa

Prime Minister: Khalifa bin Salman al-Khalifa

Deputy Supreme Commander: Crown Prince Salman bin Hamad al-Khalifa

State Minister for Defense: Mohammed bin Abdullah Al Khalifa

Commander in Chief of the Armed Forces: Lieutenant General Khalifa bin Ahmed al-Khalifa

Chief of Staff of the Bahraini Defense Forces: Major General Duaij bin Salman al-Khalifa

Commander of the Air Force: Hamad bin Abdallah al-Khalifa

Commander of the Navy: Lieutenant Commander Yusuf al-Maluallah

Area: 620 sq. km.

Population: 800,000

Strategic Assets

Ballistic Missiles

Model	Launchers	Missiles	Since	Notes
• ATACMS	9	30	2002	Using MLRS

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	8,200	8,200	8,200	8,200	8,200
• SSM launchers	9	9	9	9	9
Ground forces					
• Total number of brigades	3	3	3	3	3
• Number of battalions	7	7	7	7	7

Order-of-Battle – cont'd

Year	2005	2006	2007	2008	2009
• Tanks	180	180	180	180	180
• APCs/AFVs	277 (297)	277 (297)	277 (297)	277 (297)	277 (297)
• Artillery (including MRLs)	48 (50)	48 (50)	48 (50)	68 (70)	68 (70)
Air force					
• Combat aircraft	33 (34)	34*	34	34	34
• Transport aircraft	4	4	4	4	5
• Helicopters	48*	48	48	48	48
Air defense forces					
• Heavy SAM batteries	1	1	1	1	1
• Medium SAM batteries	2	2	2	2	2
• Light SAM launchers	40	40	40	40	40
Navy					
• Combat vessels	11	11	11	11	11
• Patrol craft	22	22	22	26	26

* Due to change in estimate

3. EGYPT

Major Changes

- The Egyptian military industry is producing 125 additional Abrams M1A1 MBTs, beyond the existing 880 tanks already produced, bringing the total to 1,005 tanks.
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General Data

Official Name of the State: The Arab Republic of Egypt

Head of State: President Muhammad Husni Mubarak

Prime Minister: Ahmad Nadhif

Minister of Defense and Military Production: Field Marshal Muhammad Hussayn Tantawi

Chief of General Staff: Lieutenant General Samy Hafez Anan

Commander of the Air Force: Maj. Gen. Reda Mahmoud Hafez Mohamed

Commander of the Navy: Vice Admiral Mohab Mameesh

Area: 1,000,258 sq. km. (dispute with Sudan over "Halaib triangle" area)

Population: 75,500,000

Strategic Assets

NBC Capabilities

Nuclear capability

A 22 MW research reactor from Argentina completed in 1997; 2 MW research reactor from the USSR, in operation since 1961. Party to the NPT. Safeguards agreement with the IAEA in force. Signed but not ratified the African Nuclear Weapon-Free Zone Treaty (Treaty of Pelindaba).

Chemical weapons and protective equipment

Alleged continued research and possible production of chemical warfare agents. Alleged stockpile of chemical agents (mustard and nerve agents). Personal protective equipment, Soviet type decontamination units, Fuchs (Fox) ABC detection vehicle (12), SPW-40 P2Ch ABC detection vehicle (small numbers). Refused to sign the CWC.

Biological weapons

Suspected biological warfare program, no details available. Not a party to the BWC.

Ballistic Missiles

Model	Launchers	Missiles	Since	Notes
<ul style="list-style-type: none"> SS-1 (Scud B/ Scud C) 	24	100	1973	Possibly some upgraded
Future procurement				
<ul style="list-style-type: none"> Scud C/ Project-T 		90		Locally produced
<ul style="list-style-type: none"> Vector 				Unconfirmed
<ul style="list-style-type: none"> No-Dong 		24		Alleged

Space Assets

Model	Type	Notes
Satellites		
<ul style="list-style-type: none"> NILESAT-1/2 	Communication	Civilian
<ul style="list-style-type: none"> Egypt Sat 1 	Remote sensing	100 kg; a sun-synchronous, 668 km orbit
Ground stations		
<ul style="list-style-type: none"> Aswan 	Remote sensing	Receiving and processing satellite images for desert research
Future procurement		
<ul style="list-style-type: none"> Desert Sat 	Environmental	Monitoring coastal erosion, desertification and water resources

Armed Forces**Order-of-Battle**

Year	2005	2006	2007	2008	2009
General data					
<ul style="list-style-type: none"> Personnel (regular) 	450,000	450,000	450,000	450,000	450,000
<ul style="list-style-type: none"> SSM launchers 	24	24	24	24	24
Ground forces					
<ul style="list-style-type: none"> Divisions 	12	12	12	12	12
<ul style="list-style-type: none"> Total number of brigades 	49	49	49	49	49
<ul style="list-style-type: none"> Tanks 	~3,100 (3,705)	~3,100 (3,705)	~3,200 (3,830)	~3,200 (3,830)	~3,200 (3,830)
<ul style="list-style-type: none"> APCs/AFVs 	~3,680 (~4,950)	~3,680 (~4,950)	~3,680 (~4,950)	4,125 (5,305)	4,125 (5,305)

Order-of-Battle – cont'd

Year	2005	2006	2007	2008	2009
• Artillery (including MRLs)	~3,590 (~3,750)	~3,590 (~3,750)	~3,590 (~3,750)	4,050	4,050
Air force					
• Combat aircraft	505 (518)	505 (518)	505 (518)	505 (518)	505 (518)
• Transport aircraft	48	48	53 (55)	53 (55)	53 (55)
• Helicopters	~225	~225	230	230	230
Air defense forces					
• Heavy SAM batteries	109	109	109	109	109
• Medium SAM batteries	44	44	46	46	46
• Light SAM launchers	105	130	130	155	155
Navy					
• Submarines	4	4	4	4	4
• Combat vessels	59	59	70	72	72
• Patrol craft	103	103	103	109	109

4. IRAN

Major Changes

- Iran continues its nuclear weapons project in spite of massive international pressure not to do so.
 - The acquisition of Iran's S-300PMU advanced air defense system is still questionable, despite previous reports to the contrary.
 - The Iranian military industry continues to develop more and more advanced systems. Among these are long range coastal anti-ship missiles, submarine launched and airborne versions of anti-ship missiles, long range ballistic missiles (principally the two stage solid-fueled Sejil missile, and the satellite launch vehicle Safir-e Omid), midget submarines (Ghader and Nahang), missile boats (Kaman class), and patrol boats. Mass production of combat aircraft like the Azarakhsh and Saegheh, and UAVs.
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General Data

Official Name of the State: Islamic Republic of Iran

Supreme Religious and Political National Leader (Rahbar): Ayatollah Ali Hoseini Khamenei

Head of State (formally subordinate to National Leader): President Mahmud Ahmadinejad

Minister of Defense: Ahmed Vahidi

General Commander of the Armed Forces: Major General Ataollah Salehi

Head of the Armed Forces General Command Headquarters: Major General Hasan Firuzabadi

Chief of the Joint Staff of the Armed Forces: Brigadier General Abdolrahim Mousavi

Commander of the Ground Forces: Brigadier General Ahmad-Reza Pourdestan

Commander of the Air Force: Brigadier General Hassan Shahsafi

Commander of the Air-Defense Forces: Brigadier General Ahmad Miqani

Commander of the Navy: Rear Admiral Habibollah Sayyari

Commander-in-Chief of the Islamic Revolutionary Guards Corps (IRGC): Major General Mohammed Ali Jaafari

Chief of the Joint Staff of the IRGC: Brigadier General Mohammed Hejazi

Commander of the IRGC Ground Forces: Brigadier General Mohammad Pakpour

Commander of the IRGC Air Wing: Brigadier General Amir Ali Hajizadeh

Commander of the IRGC Naval Wing: Rear Admiral Ali Morteza Saffari

Commander of the IRGC Resistance Force (Basij): Brigadier General Mohammed Reza Naqbi

Area: 1,647,240 sq. km. (not including Abu Musa Island and two Tunb islands; control disputed)

Population: 74,200,000 est.

Strategic Assets

NBC Capabilities

Nuclear capability

One 5 MW research reactor acquired from the US in the 1960s (in Tehran) and one small 30 kW miniature neutron source reactor (in Esfahan). One 1,000 MW VVER power reactor under construction, under a contract with Russia, in Bushehr; uranium enrichment facility in Natanz; and heavy water production facility in Arak – connected to an alleged nuclear weapons program. Party to the NPT. Safeguards agreement with the IAEA in force.

Chemical weapons and protective equipment

Iran admitted in 1999 it had possessed chemical weapons in the past.

Party to the CWC, but nevertheless suspected of still producing and stockpiling mustard, sarin, soman, tabun, VX, and other chemical agents. Alleged delivery systems include aerial bombs, artillery shells, and SSM warheads. PRC and Russian firms and individuals allegedly provide assistance in CW technology and precursors. Personal protective equipment and munitions decontamination units for part of the armed forces.

Biological weapons

Suspected biological warfare program; no details available. Party to the BWC.

Ballistic Missiles

Model	Launchers	Missiles	Notes
• SS-1 (Scud B/Scud C)	~20	300 Scud B, 100 Scud C	
• Shehab-2	+	+	Probably similar to the Syrian Scud-D
• Shehab-3 / 3B	10	90	
• Ghadr-101/110	+		Alleged
• BM-25	+	18	Operational status unknown
• Tondar-69 (CSS-8)	16		
• Fateh-110	+		Operational status unknown
Total	~60		

Ballistic Missiles – cont'd

Model	Launchers	Missiles	Notes
Future procurement <ul style="list-style-type: none"> Shehab 3B Ghadr / Ashura / Sejil 			Includes new RV, believed to be in production Solid propellant

Space Assets

Name	Type	Notes
Satellites		
• Sina-1	Remote sensing	170 kg satellite with 50m resolution camera for earth observation
• SMMS	Remote sensing	Multi-mission satellite, launched in cooperation with China and Thailand
• Omid	Research	20 kg micro satellite
Ground station		
• Semnan		Ground command and communication station
• IRSC	Remote sensing	Multi-spectral remote sensing
Satellite launcher		
• Kavoshgar		Sounding rocket
• Safir / Simorgh		SLV
Future procurement		
• Toloo	Reconnaissance	100 kg military reconnaissance satellite, 500 km in orbit
• Ya-Mahdi	Research	Test bed for indigenous camera equipment
• Mesbah	Research	65 kg store and forward satellite. To be launched in 2011, cooperation with Italy
• Zohreh	Communication	Russian-built communication satellite

Armed Forces

Order-of-Battle

Year	2006	2007	2008	2009	2010
General data					
• Personnel (regular)	520,000	520,000	520,000	520,000	520,000
• SSM launchers	40	50	60	60	60
Ground forces					
• Divisions	32	32	32	32	32
• Total number of brigades	87	87	87	87	87
• Tanks	~1,620	~1,620	~1,620	~1,620	~1,620
• APCs/AFVs	~1,400	~1,400	~1,400	~1,400	~1,400
• Artillery (including MRLs)	~2,700 (~3,000)	~2,700 (~3,000)	~2,700 (~3,000)	~2,700 (~3,000)	~2,700 (~3,000)
Air force					
• Combat aircraft	203 (341)	203 (341)	237 (343)	235 (341)	235 (341)
• Transport aircraft	80 (114)	101 (125)	101 (125)	105 (129)	105 (129)
• Helicopters	340 (570)	340 (570)	340 (570)	340 (570)	340 (570)
Air defense forces					
• Heavy SAM batteries	30	30	30	30	30
• Medium SAM batteries	+	+	6	6	6
• Light SAM launchers	95	100	120	120	120
Navy					
• Submarines	3	6	8	8	8
• Combat vessels	56	56	90	90	91
• Patrol craft	160	160	185	185	185

5. IRAQ

Major Changes

- The Iraqi government ordered and is gradually receiving weapons and equipment for its evolving armed forces. The ground forces are receiving mostly lightly armored vehicles, though some more advanced M1A1 MBTs have been ordered.
 - The air force ordered and is receiving light aircraft – mostly for reconnaissance missions, but some do have light attack capabilities. No combat aircraft have been ordered to date. The air force is also receiving transport helicopters, with some of these lightly armed.
 - The navy is receiving light patrol boats and some transport ships.
 - The US force is in the process of withdrawing its forces from Iraq. A force of some 50,000 US soldiers will remain in Iraq in a training and support role for the Iraqi armed forces.
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General Data

Official Name of the State: The Republic of Iraq

Head of State: President Jalal Talabani

Prime Minister: Nouri al-Maliki

Minister of Defense: Abdul Qadir Muhammad al-Mufriji

Minister of Interior: Jawad al-Bulani

Chief of General Staff: Lt. General Babkir Bederkhan al-Zibari

Commander of the Ground Forces: Lt. General Ali Gheedan

Commander of the Air Force: Lt. General Anwar Hamad Amen Ahmed

Commander of the Navy: Admiral Mohammed Jawad Kadham

Commander of Advisory Forces in Iraq: Lt. Gen. Lloyd Austin

Area: 432,162 sq. km.

Population: 30,700,000 est.

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	100,000	100,000	162,000	190,000	190,000
Ground forces					
• Number of Battalions	120	120	160	185	190
• Tanks	97	97	97	97	171
• APCs/AFVs	335 (430)	335 (430)	4,794 (4.869)	7,895	13,440
Air force					
• Combat aircraft					3
• Reconnaissance aircraft	2(16)	2(16)	10	11	19
• Transport aircraft	3	3	8	11	9
• Helicopters	9 (21)	9 (21)	36	56	53
Navy					
• Patrol craft	8	8	11	12	15

Note: The number in parentheses refers to the total inventory.

6. ISRAEL

Major Changes

- The capability of the Israeli intelligence community has been upgraded by the launch of the Ofeq-9 reconnaissance satellite (in June 2010) and the TecSAR radar reconnaissance satellite (in October 2007).
 - Israel is acquiring new short range anti-ballistic missile systems. The Iron Dome is entering into operational service. Two batteries will be deployed as a first stage. A second system, David's Sling, designed to counter longer range rockets, is scheduled to enter service in 2012.
 - An additional third Arrow BMD battery is scheduled to enter service, and some of Israel's Patriot batteries will be upgraded to the PAC-3 standard.
 - The Israeli army is still absorbing its Merkava Mk IV MBTs, while withdrawing older MBTs from service. Meanwhile the Israeli industry began producing and the IDF is introducing into service the new Namer IFV, which is based on the Merkava automotive system.
 - Following the lessons of the Second Lebanon War, the IDF is equipping its MBTs with the Trophy APS. A different APS system, Iron Fist, is being installed on the Namer IFVs.
 - The IAF is replacing its aging Tzukit training aircraft with the new T-6A Texan (Efroni).
 - The IAF acquired the new Heron-2 HALE UAV (Shoval) and the Heron TP UAV (Eitan). The IAF is also acquiring the Hermes 900 UAV.
 - IDF ground forces are being equipped with the Skylark short range UAVs.
 - The navy acquired two additional Dolphin submarines, which are being constructed in Germany.
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General Data

Official Name of the State: State of Israel

Head of State: President Shimon Peres

Prime Minister: Binyamin Netanyahu

Minister of Defense: Ehud Barak

Chief of General Staff: Lieutenant General Gabi Ashkenazi

Commander of Army HQ: Major General Sami Turgeman

Commander of the Air Force: Major General Ido Nehushtan

Commander of the Navy: Rear Admiral Eli Marom

Area: 22,145 sq. km, including East Jerusalem and its vicinity, and the Golan Heights.

Population: 7,400,000

Strategic Assets

NBC Capabilities

Nuclear capabilities

Two nuclear research reactors; alleged stockpile of nuclear weapons.* Nuclear-safety cooperation agreement with the US. Not a party to the NPT.

Chemical weapons and protective equipment

Personal protective equipment; unit decontamination equipment. Fuchs (Fox) NBC detection vehicles (8 vehicles); SPW-40 P2Ch NBC detection vehicles (50 vehicles); AP-2C CW detectors. Signed but not yet ratified the CWC.

BW capabilities

Not a party to the BWC.

* According to foreign publications, as cited by Israeli publications.

Ballistic Missiles

Model	Launchers	Missiles	Since	Notes
• MGM-52C (Lance)	12		1976	
• Jericho Mk 1/2/3 SSM *	+			Upgraded
• Black/ Blue Sparrow	+			Target decoy
Total	+			
Future procurement				
• LORA	+			Under negotiations

* According to foreign publications, as cited by Israeli publications.

Space Assets

Model	Type	Notes
Satellites		
• Amos	Communication	Civilian, currently deployed Amos-3.
• Ofeq	Reconnaissance	Currently deployed Ofeq-7 and Ofeq-9
• Eros	Reconnaissance	Civilian derivative of Ofeq, currently Eros-1B
• TECHSAR	Reconnaissance	SAR imagery satellite, 260 kg, 550 km in orbit
• TechSat	Research	Civilian

Space Assets – cont'd

Model	Type	Notes
Satellite launcher		
• Shavit	SLV	
Future procurement		
• Amos-3/4	Communication	Civilian-owned satellites
• MILCOM	Communication	
• David	Remote sensing	

Armed Forces

Order-of-Battle

Year	2006	2007	2008	2009	2010
General data					
• Personnel (regular)	176,500	176,500	176,500	176,500	176,500
• SSM launchers	+	+	+	+	+
Ground forces					
• Divisions	16	16	16	16	16
• Total number of brigades	76	78	78	79	79
• Tanks	3,510 (3,890)	3,400 (3,800)	3,360 (3,740)	3,290 (3,730)	3,290 (3,730)
• APCs/AFVs	6,750	6,930	7,070	7,000 (7,500)	7,000 (7,500)
• Artillery (including MRLs)	+	+	+	+	+
Air force					
• Combat aircraft	494 (845)	520 (875)	541 (875)	541 (875)	541 (875)
• Transport aircraft	60 (75)	71 (84)	66 (77)	66 (77)	66 (77)
• Helicopters	183 (291)	184 (286)	172 (285)	169 (285)	169 (285)
Air defense forces					
• Heavy SAM batteries	25	25	25	25	25
• Light SAM launchers	70	70	70	70	70

Yiftah Shapir

Order-of-Battle – cont'd

Year	2006	2007	2008	2009	2010
Navy					
• Submarines	3	3	3	3	3
• Combat vessels	15	15	15	15	15
• Patrol craft	42	50	52	55	55

7. JORDAN

Major Changes

- The Royal Jordanian Air Force has received 22 F-16C/D from Belgium and Holland. Meanwhile the RJAF upgraded its older F-16A/B to the C/D standard, in Turkey.
- The Jordanian armed forces are acquiring both Kornet ATGMs and Igla-S SAMs from Russia. Both types of missiles will be mounted on lightly armored vehicles.
- The Jordanian armed forces received 340 Ratel IFVs from South Africa.

General Data

Official Name of the State: The Hashemite Kingdom of Jordan

Head of State: King Abdullah II bin Hussein al-Hashimi

Prime Minister: Samir al-Rifai

Minister of Defense: Samir al-Rifai

Inspector General of the Armed Forces: Major General Abd Khalaf al-Najada

Chief of the Joint Staff of the Armed Forces: Lieutenant General Mashaal Mohammed al-Zaben

Commander of the Air Force: Major General Hussein al-Biss

Commander of the Navy: Major General Dari al-Zaben

Area: 90,700 sq. km.

Population: 5,900,000

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	100,700	100,700	100,700	100,700	100,700
Ground forces					
• Divisions	4	4	4	4	4
• Total number of brigades	14	14	14	14	14
• Tanks	921 (1,223)*	927 (1,217)	927 (1,217)	927 (1,217)	927 (1,217)
• APCs/AFVs	1,643 (1,943)*	1,643 (1,943)	1,846 (2,056)	2,235 (2,295)	2,235 (2,295)

Order-of-Battle – cont'd

Year	2005	2006	2007	2008	2009
• Artillery (including MRLs)	853 (878)	853 (878)	853 (878)	853 (878)	853 (878)
Air force					
• Combat aircraft	96 (105)	96 (105)	94 (108)	80 (106)	83 (101)
• Transport aircraft	16	16	16	18	18
• Helicopters	74 (90)	67	67	79	82
Air defense forces					
• Heavy SAM batteries	17	17	17	17	17
• Medium SAM batteries	12	12	12	12	12
• Light SAM launchers	50	50	50	50	50
Navy					
• Patrol craft	10	17	17	17	17

* Due to change in estimate

8. KUWAIT

Major Changes

- The Kuwaiti air force received all of its new AH-64D Apache Longbow attack helicopters.
 - The Kuwaiti air defense is undergoing a major upgrade: apart from upgrading the old Amoun point defense system, a large scale program to upgrade the Patriot SAMs is also underway. Under this project Kuwait will receive the new PAC-3 interceptors, while the older PAC-2 will be upgraded to the GEM-T standard.
 - The National Guard is being reinforced and upgraded. Its manpower will be increased to 10,000, and new equipment is being procured.
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General Data

Official Name of the State: State of Kuwait

Head of State: Emir Sabah al-Ahmad al-Sabah

Prime Minister: Nasser al-Mohammed al-Ahmad al-Sabah

Minister of Defense: Jabar al-Mubarak al-Ahmad al-Sabah

Chief of General Staff: Major General Fahd Ahmad al-Amir

Commander of the Ground Forces: Lieutenant General Ibrahim al-Wasmi

Commander of the Air Force: Vice Marshall Yusef al-Otaibi

Commander of the Navy: Vice Admiral Ahmad Yousuf al-Mualla

Area: 17,820 sq. km. (including 2,590 sq. km. of the Neutral Zone)

Population: 3,400,000

Strategic Assets

NBC Capabilities

Nuclear capability

No known nuclear activity. Party to the NPT.

Chemical weapons and protective equipment

Fuchs (Fox) ABC detection vehicle (11), Personal protective equipment, unit decontamination equipment. No known CW activities. Party to the CWC.

Biological weapons

No known BW activities. Party to the BWC.

Armed Forces**Order-of-Battle**

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	15,500	15,500	15,500	15,500	15,500
Ground forces					
• Number of brigades	7	7	7	7	7
• Tanks	293 (483)	293 (483)	293 (483)	293 (483)	293 (483)
• APCs/AFVs	~690* (920)	~690 (920)	~690 (920)	~690 (920)	~690 (920)
• Artillery	127 (155)	127 (155)	147 (177)	147 (177)	147 (177)
Air force					
• Combat aircraft	39 (58)	39 (58)	39 (58)	39 (58)	39 (58)
• Transport aircraft	5	5	5	5	5
• Helicopters	25(30)	33(38)	35 (40)	39 (48)	39 (48)
Air defense forces					
• Heavy SAM batteries	6	11	11	11	11
• Medium SAM batteries	6	6	6	6	6
Navy					
• Combat vessels	10	10	10	10	10
• Patrol craft	77	77	86	86	86

* Due to change in estimate

9. LEBANON

Major Changes

- Following the war in the summer of 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, 300 HMMWV (300 more to be delivered) from the US, and patrol boats from Germany and from the UAE.
- The internal security force of the Lebanese government nearly doubled its force to some 50,000 and is still expanding. The force is part of the Ministry of the Interior which is controlled by a Sunni Muslim.
- Hizbollah forces (non governmental) renewed all of its stocks of short and medium range artillery rockets and advanced ATGM, which were used extensively during the 2006 war. Their stock may include some Fateh-110 guided missiles and an air defense element.

General Data

Official Name of the State: Republic of Lebanon

Head of State: President Michel Suleiman

Prime Minister: Saad al-din al-Hariri

Minister of Defense: Elias Murr

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

Chief of General Staff: Brigadier General Sawqi al-Massri

Commander of the Air Force: Brigadier General George Shaaban

Commander of the Navy: Rear Admiral Ali al-Moallem

Area: 10,452 sq. km.

Population: 4,100,000

Armed Forces

Order-of-Battle

	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	61,400	61,400	61,400	61,400	61,400
Ground forces					
• Number of brigades	12	12	12	12	12

Order-of-Battle – cont'd

	2005	2006	2007	2008	2009
• Tanks	280 (350)	280 (350)	240 (350)	240 (350)	240 (350)
• APCs/AFVs	1,235 (1,380)	1,235 (1,380)	1,520 (1,665)	1,545 (1,680)	1,545 (1,680)
• Artillery (including MRLs)	~335	~335	~335	~335	~335
Air force					
• Helicopters	14 (36)*	14 (36)	24 (38)	36 (43)	36 (43)
Navy					
• Patrol craft	20	27	38	40	40

* Due to change in estimate

10. LIBYA

Major Changes

- The Libyan navy received 6 MV115 patrol boats from Italy, in the framework of cooperation between the Libyan and the Italian navies to curb maritime smuggling and piracy. The Libyan navy received 4 additional boats from Croatia.
-

General Data

Official Name of the State: The Great Socialist People's Libyan Arab Jamahiriya

Head of State: Colonel Muammar al-Qaddafi

Prime Minister: al-Baghdadi Ali al-Mahdmoudi

Minister of Defense: Colonel Abu-Bakr Yunis Jaber

Inspector General of the Armed Forces: Colonel Mustapha al-Kharrubi

Commander-in-Chief of the Armed Forces: Colonel Abu-Bakr Yunis Jaber

Chief of Staff: Brigadier General Ahmed Abdallah Awn

Commander of the Air Force and Air Defense Forces: Brigadier General Ali Riffi al-Sharif

Area: 1,759,540 sq. km.

Population: 6,400,000

Strategic Assets

NBC Capabilities

Nuclear capabilities

5 MW Soviet-made research reactor at Tadjoura; Libya had a clandestine uranium enrichment program with a few thousand centrifuges. These were surrendered and removed in the framework of its steps to renounce its WMD programs.

Party to the NPT. Safeguards agreement with the IAEA in force. Signed but not ratified the African Nuclear Weapon-Free Zone Treaty (Treaty of Pelindaba).

Chemical weapons and protective equipment

CW production facilities, stockpile of chemical agents, nerve gas, and mustard gas. In the framework of its steps to renounce its WMD programs, work has been carried out to dismantle all past chemical weapons stockpiles. Libya also acceded to the CWC. Personal protective equipment; Soviet type decontamination units.

Biological weapons

Alleged production of toxins and other biological weapons (unconfirmed). Party to the BWC.

Ballistic Missiles

Model	Launchers	Missiles	Since	Notes
<ul style="list-style-type: none"> Scud B Scud C 	80	500	1976 1999	Scud C missiles have been removed
Total	~80			

Space Assets

Model	Type	Notes
Ground station		
<ul style="list-style-type: none"> BIRUNI 	Remote sensing	Research center

Armed Forces**Order-of-Battle**

Year	2005	2006	2007	2008	2009
General data					
<ul style="list-style-type: none"> Personnel SSM launchers 	76,000 80	76,000 80	76,000 80	76,000 80	76,000 80
Ground forces					
<ul style="list-style-type: none"> Number of brigades Number of battalions Tanks 	1 46 650	1 46 650	1 46 650	1 46 650	1 46 650
	(2,210)	(2,210)	(2,210)	(2,210)	(2,210)
<ul style="list-style-type: none"> APCs/AFVs 	2,230 (2,520)	2,230 (2,520)	2,230 (2,520)	2,230 (2,520)	2,230 (2,520)
<ul style="list-style-type: none"> Artillery (including MRLs) 	2,320 (2,400)	2,320 (2,400)	2,320 (2,400)	2,320 (2,400)	2,320 (2,400)
Air force					
<ul style="list-style-type: none"> Combat aircraft Transport aircraft Helicopters 	290 (391) 72 (77) 112 (189)	290 (391) 72 (77) 112 (189)	260 (386)* 78 (83) 109 (186)	260 (386) 83 (88) 117 (194)	260 (386) 83 (88) 117 (194)
Air defense forces					
<ul style="list-style-type: none"> Heavy SAM batteries 	~30	~30	~30	~30	~30

Order-of-Battle – cont'd

Year	2005	2006	2007	2008	2009
• Medium SAM batteries	~17	~17	~17	~17	~17
• Light SAM launchers	55	55	55	55	55
Navy					
• Submarines	0(2)	0(2)	0(2)	0(2)	0(2)
• Combat vessels	24	24	17	17	17
• Patrol craft		2	6	6	12

* Due to change in estimate

11. MOROCCO

Major Changes

- No major change was recorded for the Moroccan armed forces.

General Data

Official Name of the State: Kingdom of Morocco

Head of State: King Mohammed VI

Prime Minister: Abbas al-Fassi

Secretary General of National Defense Administration: Abdel Rahaman Sbai

Commander-in-Chief of the Armed Forces: King Mohammed VI

Inspector General of the Armed Forces: General Abdul Aziz Bennani

Commander of the Air Force: Ali Abd al-Aziz al-Omrani

Commander of the Navy: Major Muhammad Barada

Area: 622,012 sq. km., including the former Spanish Sahara

Population: 32,000,000

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	198,500	198,500	198,500	198,500	198,500
Ground forces					
• Number of brigades	6	6	6	6	6
• Tanks	285 (640)*	285 (640)	285 (640)	285 (640)	285 (640)
• APCs/AFVs	1,089 (1,139)*	1,089 (1,139)	1,089 (1,139)	1,089 (1,139)	1,089 (1,139)
• Artillery (including MRLs)	1,100	1,100	1,100	1,100	1,100
Air force					
• Combat aircraft	59 (72)	58 (72)	58 (72)	58 (72)	58 (72)
• Transport aircraft	41 (43)	41 (43)	41 (43)	41 (43)	41 (43)
• Helicopters	122 (132)	122 (132)	123 (133)	123 (133)	120 (130)

Order-of-Battle – cont'd

Year	2005	2006	2007	2008	2009
Air defense forces					
• Light SAM launchers	37	49	49	49	49
Navy					
• Combat vessels	15	15	15	15	15
• Patrol craft	52	52	55	55	55

* Due to change in estimate

12. OMAN

Major Changes

- The Omani air force is absorbing all of its new F-16-C/D combat aircraft. The air force also received its first NH90 utility helicopters.

General Data

Official Name of the State: Sultanate of Oman

Head of State: Sultan Qabus ibn Said al-Said

Prime Minister: Sultan Qabus ibn Said al-Said

Minister of Defense Affairs: Badr bin Saud bin Harib al-Busaidi

Chief of General Staff: Lieutenant General Ahmad bin Harith bin Naser al-Nabhani

Commander of the Ground Forces: Major General Said bin Naser bin Suleiman al-Salmi

Commander of the Air Force: Vice Air Marshal Yahya bin Rashid al-Juma'ah

Commander of the Navy: Rear Admiral Salim bin Abdalla bin Rashid al-Alawi

Area: 212,000 sq. km.

Population: 2,700,000

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	34,000	34,000	34,000	34,000	34,000
Ground forces					
• Number of brigades	4	4	4	4	4
• Total number of battalions	18	18	18	18	18
• Tanks	124 (201)	124 (201)	124 (201)	124 (201)	124 (201)
• APCs/AFVs	446 (476)	446 (476)	446 (476)	446 (476)	446 (476)
• Artillery	133 (139)	133 (139)	133 (139)	133 (139)	133 (139)
Air force					
• Combat aircraft	31 (32)	32 (33)	32 (33)	41	41
• Transport aircraft	50 (54)	50 (54)	50 (54)	50 (54)	50 (54)
• Helicopters	62	62	61	63	63

Order-of-Battle – cont'd

Year	2005	2006	2007	2008	2009
Air defense forces					
• Light SAM launchers	112	112	112	112	112
Navy					
• Combat vessels	9	9	9	9	9
• Patrol craft	68	68	68	69	69

13. PALESTINIAN AUTHORITY

Major Changes

- Following the takeover of the Gaza Strip in July 2007 by Hamas, the PA constitutes two different, separate entities. Therefore this chapter is divided into two sections – the first deals with the PA in the West Bank, and the second deals with the Hamas entity in Gaza.
 - In the West Bank the reorganized National Security Force is training extensively under Jordanian instruction and US supervision. It now constitutes 4 trained battalions out of the 10 projected battalions by the end of 2010.
-

General Data

Official Name: Palestinian National Authority (PA)

Chairman: Mahmoud Abbas (Abu Mazen)

PA government in the West Bank

Prime Minister: Salam Fayyad

Minister of Internal security: Sayid Abu-Ali

Head of Security Forces: Haj Ismail Jaaber

Chief of National Security: Brigadier General Diyab al-Ali

Chief of Presidential Guards: Brigadier General Munir al-Zoubi

Chief on Civil Police: Brigadier General Hazem Atallah

Hamas government in Gaza

Prime Minister: Ismail Haniyeh

Minister of Internal security: Fathi Hammed

Chief on Civil Police: Major General Tawfiq Jabir

Chief of Executive Force: Jamal al-Jarakh

Area: 400 sq. km. (Gaza), 5,800 sq. km. (West Bank). By the terms of the Interim Agreement, the West Bank is divided into three areas, designated A, B, and C. The PA has civilian responsibility for Palestinians in all three areas, exclusive internal security responsibility for Area A (18.2%), and shared security responsibility for Area B (24.8%). Israel maintains full responsibility for the remaining 57% (Area C).

Population: 3,800,000

Security Forces

West Bank Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel	70,000	70,000	60,000	60,000	60,000
• Number of battalions			1	3	4
Ground forces					
• APCs	+	+	+	150	150

Note: Since the Hamas takeover of Gaza, this table represents Palestinian security Forces in the West Bank.

Gaza Order-of-Battle

Year	2007	2008	2009
General data			
• Personnel	10,000	11,000	11,000
Ground forces			
• APCs	+	+	+
• Artillery	+	+	+
AD systems			
• Shoulder launched missiles	+	110	110
• Short range guns		15	15

Note: Since Hamas takeover in Gaza, this table represents only Palestinian security forces in Gaza.

14. QATAR

Major Changes

- No major change was recorded for the Qatari armed forces.

General Data

Official Name of the State: State of Qatar

Head of State: Shaykh Hamad bin Khalifa al-Thani

Prime Minister: Hamad bin Jassem bin Jaber al-Thani

Minister of Defense: Shaykh Hamad bin Khalifa al-Thani

Commander in Chief of the Armed Forces: Shaykh Hamad bin Khalifa al-Thani

Chief of General Staff: Brigadier General Hamad bin Ali al-Attiyah

Commander of the Ground Forces: Colonel Saif Ali al-Hajiri

Commander of the Air Force: General Ali Saeed al-Hawal al-Marri

Commander of the Navy: Vice Adm. Ali Ahmed al-Badeed Al-Manai

Area: 11,437 sq. km.

Population: 1,600,000

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	11,800	11,800	11,800	11,800	11,800
Ground forces					
• Number of brigades	2	2	2	2	2
• Total number of battalions	11	11	11	11	11
• Tanks	30 (44)*	30 (44)	30 (44)	30 (44)	30 (44)
• APCs/AFVs	280 (310)*	280 (310)	280 (310)	280 (310)	280 (310)
• Artillery (including MRLs)	56	56	56	56	56
Air force					
• Combat aircraft	12*	12	12	12	12
• Transport aircraft	7 (8)	7 (8)	7 (8)	7 (8)	7 (8)
• Helicopters	24 (25)*	24 (25)	22*	22	22

Order-of-Battle – cont'd

Year	2005	2006	2007	2008	2009
Air defense forces					
• Heavy SAM batteries			2*	2	2
• Light SAM launchers	51	51	51	51	51
Navy					
• Combat vessels	7	7	7	7	7
• Patrol craft	13	17	17	14	14

* Due to change in estimate

15. SAUDI ARABIA

Major Changes

- The RSAF ordered 72 new Typhoon combat aircraft from the UK, the first of which are being manufactured in Britain. The rest will be assembled in Saudi Arabia in a new facility now under construction.
 - The RSAF is upgrading 84 of its aging Tornado IDS attack aircraft to the GR-4 standard. Concurrently it will phase out its obsolete F-5 aircraft.
 - The RSAF has ordered additional 12 AH-64D Apache combat helicopters and will upgrade the 12 existing older Apache AH-64A to the same standard. Other programs for the RSAF include an order for 3 A330 MRTT refueling aircraft, and upgrade of the old E-3A AWACS
 - The air defense forces are upgrading their C⁴I system with new centers and new systems.
 - The Saudi Arabian National Guard launched a major upgrade program, including the procurement of numerous armored combat vehicles.
-

General Data

Official Name of the State: The Kingdom of Saudi Arabia

Head of State: King Abdallah ibn Abd al-Aziz al-Saud

Prime Minister: King Abdallah ibn Abd al-Aziz al-Saud

First Deputy Prime Minister and Heir Apparent: Crown Prince Sultan ibn Abd al-Aziz al-Saud

Defense and Aviation Minister: Crown Prince Sultan ibn Abd al-Aziz al-Saud

Chief of General Staff: Lieutenant General Salih ibn Ali al-Muhaya

Commander of the Ground Forces: Lieutenant General Abdul Rahman ibn Abdullah al-Murshid

Commander of the National Guard: Crown Prince Abdallah ibn Abd al-Aziz al-Saud

Commander of the Air Force: Lieutenant General Mohammed ibn Abdullah al-Ayish

Commander of the Navy: Vice Admiral Dakhil Allah ibn Ahmed ibn Mohammed al-Waqdani

Area: 2,331,000 sq. km.

Population: 25,000,000

Strategic Assets

NBC Capabilities

Nuclear capability

No known nuclear activity. Party to the NPT.

Chemical weapons and protective equipment

No known CW activities. Personal protective equipment, decontamination units, US-made CAM chemical detection systems; Fuchs (Fox) NBC detection vehicles. Party to the CWC.

Biological weapons

No known BW activities. Party to the BWC.

Ballistic Missiles

Model	Launchers	Missiles	Since	Notes
• CSS-2	8-12	30-50	1988	Number of launchers unconfirmed

Space Assets

Model	Type	Notes
Satellites		
• Arabsat 1/2/3/4	Communication	Civilian satellite communication network
• Badr-4/5	Communication	Civilian TV broadcasting satellite
• Saudi Comsat	Research	Commercial micro satellites; Seven satellites, out of 24; 12 kg each.
• Saudi Sat 1/2/3	Remote sensing and space research	2 (10 kg. each) were launched in September 2000 by a Russian military rocket, and are orbiting 650 km above earth. The third satellite was launched in December 2002. Saudi Sat 2 (30 kg) was launched in June 2004. Saudi Sat 3 was launched in April 2007.
Ground Stations		
• SCRS	Imagery	Receiving SPOT, Landsat, and NOAA

Space Assets – cont'd

Model	Type	Notes
Future procurement		
• Badr-6	Communication	New-generation satellite
• Arabsat-5/6	Communication	Fifth generation satellite planned for launch in 2011, 2012

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	171,500	171,500	171,500	214,500	214,500
• SSM launchers	8-12	8-12	8-12	8-12	8-12
Ground forces					
• Number of brigades	20	20	20	20	20
• Tanks	750 (1,015)	750 (1,015)	750 (1,015)	750 (1,015)	750 (1,015)
• APCs/AFVs	~4,430 (~5,230)	~4,430 (~5,230)	~4,430 (~5,230)	~4,180 (~5,180)	~4,180 (~5,180)
• Artillery (incl. MRLs)	~410 (~780)	~410 (~780)	~410 (~780)	~410 (~780)	~410 (~780)
Air force					
• Combat aircraft	256* (~340)	253 (~320)	250 (~320)	250 (~320)	252 (~325)
• Transport aircraft	38 (51)	57 (59)*	57 (59)	57 (59)	57 (59)
• Helicopters	228	228	228	226	226
Air defense forces					
• Heavy SAM batteries	25	25	25	25	25
• Medium SAM batteries	21	21	21	21	21
Navy					
• Combat vessels	27	27	27	27	27
• Patrol craft	68	68	68	70	70

* Due to change in estimate

16. SUDAN

Major Changes

- The Sudanese armed forces underwent a major reorganization. Included here are many new entries – some of which refer to newly acquired systems but many refer to previous acquisitions that were revealed only recently. These include additional MiG-29 and Su-25 and A-5 combat aircraft, Mi-24 attack helicopters, Mi-17 utility helicopters, An-32 and Y-8 transport aircraft, Type 96 MBTs, WZ-551 and Boraq APCs, WS-2 and Shahin-2 long range artillery rockets.
- A large UN force is active in Southern Sudan – the UNAMID, with some 19,000 uniformed personnel.
- A mysterious delivery of T-72 MBTs arrived via Kenya – probably to the rebel forces in Southern Sudan.

General Data

Official Name of the State: The Republic of Sudan

Head of State: President Omar Hassan Ahmad al-Bashir

Defense Minister: Abdul Rahim Mohammed Hussein

Chief of General Staff: Lt. General Ahmed Ali al-Gaili

Inspector General of the Armed Forces: General Mohammed Abdul Qader Nasser Eddin

Commander of the Army: General Mohammed Mahmoud Jama

Commander of the Air Force: Air Marshal Hassan Abdul Qader

Commander of the Navy: Vice Admiral al-Zein Bala

Area: 2,504,530 sq. km.

Population: 42,300,000

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	104,000	104,000	104,000	104,000	104,000
Ground forces					
• Divisions	9	9	9	9	9
• Total number of brigades	61	61	61	61	61
• Tanks	350	350	350	350	350

Order-of-Battle – cont'd

Year	2005	2006	2007	2008	2009
• APCs/AFVs	670 (810)	670 (810)	725 (860)	725 (860)	725 (860)
• Artillery (including MRLs)	810 (815)	810 (815)	810 (815)	820 (825)	820 (825)
Air force					
• Combat aircraft	40 (62)	40 (62)	40 (62)	78 (100)*	78 (100)
• Transport aircraft	14	14	19*	19	19
• Helicopters	43 (48)	43 (48)	67*	67	67
Air defense forces					
• Heavy SAM batteries	20	20	20	20	20
Navy					
• Patrol craft	15	15	15	15	15

* Due to change in estimate

17. SYRIA

Major Changes

- The Syrian armed forces may have acquired the Iranian Fateh 110 Missiles, in addition to the long range rockets (220mm and 302mm). Syria may have also acquired the capability to produce them as well.
 - The Syrian air defense forces now operate at least some of the newly acquired Strelets and Pantsyr-S1 SAMs.
-

General Data

Official Name of the State: The Arab Republic of Syria

Head of State: President Bashar al-Asad

Prime Minister: Mohammed Jazi Otri

Minister of Defense: Lt. General Ali Mohammed Habib Mahmoud

Chief of General Staff: Major General Assaef Shawkat

Commander of the Air Force: Major General Akhmad al-Ratyb

Commander of the Navy: Vice Admiral Wa'il Nasser

Area: 185,180 sq. km.

Population: 20,500,000

Strategic Assets

NBC Capabilities

Nuclear capability

Basic research. Alleged deal with Russia for a 24 MW reactor. Deals with China for a 27 kW reactor and with Argentina for a 3 MW research reactor are probably cancelled. Party to the NPT; safeguards agreement with the IAEA in force.

Chemical weapons and protective equipment

Stockpiles of nerve gas, including sarin, mustard, and VX. There are unconfirmed allegations that Syria received Iraq's stockpile of chemical weapons just before the 2003 Iraq War broke out. Delivery vehicles include chemical warheads for SSMs and aerial bombs. Personal protective equipment; Soviet-type unit decontamination equipment. Not a party to the CWC.

Biological weapons

Biological weapons and toxins (unconfirmed). Signed but not ratified the BWC.

Ballistic Missiles

Model	Launchers	Missiles	Since	Notes
• SS-1 (Scud B)	18	200	1974	
• SS-1 (Scud C)	8	80	1992	
• SS-21 (Scarab)	18		1983	
• Fateh-110	+	+	2007	
• Scud D	+		2002	
Total	~50			

Space Assets

Name	Type	Notes
Satellite imaging		
• GORS	Remote sensing	Using images from Cosmos, ERS, Landsat, SPOT satellites

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	289,000	289,000	289,000	289,000	289,000
• SSM launchers	~45	~45	~50	~50	~50
Ground forces					
• Divisions	12	12	12	12	12
• Total number of brigades	67	67	67	67	67
• Tanks	3,700 (4,800)	3,700 (4,800)	3,700 (4,800)	3,700 (4,800)	3,700 (4,800)
• APCs/AFVs	5,060	5,060	5,060	5,060	5,060
• Artillery (including MRLs)	3,274 (3,674)*	3,274 (3,674)	3,274 (3,674)	3,274 (3,674)	3,274 (3,674)
Air force					
• Combat aircraft	350 (490)*	350 (490)	350 (490)	350 (490)	350 (490)
• Transport aircraft	23	23	23	23	23
• Helicopters	195 (225)*	195 (225)	195 (225)	195 (225)	195 (225)

Order-of-Battle – cont'd

Year	2005	2006	2007	2008	2009
Air defense forces					
• Heavy SAM batteries	108	108	108	108	108
• Medium SAM batteries	64	64	64	67	67
• Light SAM launchers	55	55	88	88	88
Navy					
• Combat vessels	16	16	19	19	19
• Patrol craft	8	14	14	14	14

* Due to change in estimate

18. TUNISIA

Major Changes

- No major change was recorded for the Tunisian armed forces.

General Data

Official Name of the State: The Republic of Tunisia

Head of State: President Zayn al-Abedine Bin Ali

Prime Minister: Mohamed Ghannouchi

Minister of Defense: Reza Garira

Secretary of State for National Defense: Chokri Ayachi

Commander of the Ground Forces: Brigadier General Rashid Amar

Commander of the Air Force: Major General Rida Hamuda Atar

Commander of the Navy: Commodore Brahim Barak

Area: 164,206 sq. km.

Population: 9,800,000

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	35,500	35,500	35,500	35,500	35,500
Ground forces					
• Number of brigades	5	5	5	5	5
• Tanks	139 (144)	139 (144)	139 (144)	139 (144)	139 (144)
• APCs/AFVs	326	326	326	326	326
• Artillery (including MRLs)	205	205	205	205	205
Air force					
• Combat aircraft	18	18	18	18	18
• Transport aircraft	15 (17)	15 (17)	15 (17)	15 (17)	15 (17)
• Helicopters	47	47	47	47	47
Air defense forces					
• Light SAM launchers	83	83	83	83	83

Order-of-Battle – cont'd

Year	2005	2006	2007	2008	2009
Navy					
• Combat vessels	15	15	15	15	15
• Patrol craft	40	41	41	41	41

19. TURKEY

Major Changes

- The land forces received all its 298 Leopard tanks from the Bundeswehr drawdown. Meanwhile, the Turkish industry continues the process of upgrading M60 tanks according to an Israeli design.
 - The land forces introduced into service 76 Bayraktar mini-UAV for tactical surveillance, intended for use by the lower echelons.
 - The air force launched a project to upgrade all 117 of its F-16 combat aircraft. The air force also ordered 30 additional F-16s. The air force ordered modern weapons that include the AGM-154 JSOW and the JDAM smart bombs and the SLAM-ER ALCM.
 - The air force received its 10 Heron MALE UAVs.
 - The navy's first MILGEM project corvette was launched. The navy ordered 8-12 such corvettes. The navy received its first ATR-72 ASW and CN-235 MP maritime patrol aircraft in the framework of the Meltem project. The navy will receive additional 17 Sea Hawk helicopters.
-

General Data

Official Name of the State: Republic of Turkey

Head of State: President Abdullah Gül

Prime Minister: Recep Tayyip Erdogan

Minister of National Defense: Mehmet Vecdi Gönül

Chief of General Staff: General Ilker Basbug

Commander of the Ground Forces: General Isik Kosaner

Commander of the Air Force: General Aydogan Babaoglu

Commander of the Navy: Admiral Muzaffer Metin Atac

Area: 780,580 sq. km.

Population: 76,200,000

Strategic Assets

NBC Capabilities

Nuclear capability

One 5 MW TR-2 research reactor at Cekmerce and one 250 kW ITV-TRR research reactor at Istanbul. Turkey intends to order a 1,000 MW reactor. As a member of NATO, nuclear weapons were deployed in Turkey in the past, and might be deployed again. Party to the NPT. Safeguards agreement with the IAEA in force.

Chemical weapons and protective equipment

Personal protective suits; portable chemical detectors; Fox detection vehicles. Party to the CWC.

Biological weapons

No known BW activity. Party to the BWC.

Ballistic Missiles

Model	Launchers	Missiles	Since	Notes
• ATACMS	12	72	1997	Using MLRS launchers
• J-600T Yildirim	6	+	2007	
Future procurement				
• J-600T Yildirim	+	+		Co-production with China (formerly referred to as "Project-J" or B-611)

Space Assets

Model	Type	Notes
Ground stations		
• BILTEN	Remote sensing	Receiving imagery from Bilsat
• SAGRES	Remote sensing	Receiving imagery from SPOT, ERS, RADARSAT and NOAA
Satellites		
• Turksat	Communication	Both civilian and military; both 2A and 3A are currently in orbit.
• Bilsat	Remote sensing	120 kg payload, 686 km orbit, 12m resolution Earth observation civilian satellite
Satellite imagery		
• Ikonos	Reconnaissance	Commercial satellite imagery

Space Assets – cont'd

Model	Type	Notes
• Ofeq-5	Reconnaissance	Sharing of Israeli satellite imagery
Future procurement		
• Gokturk	Reconnaissance	To be build by Telespazio, launch in 2011

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	421,000	421,000	421,000	421,000	421,000
• SSM launchers	12	12	18	18	18
Ground forces					
• Divisions	3	3	3	3	3
• Total number of brigades	59	59	55	55	55
• Tanks	2,600 (4,180)	2,600 (4,180)	2,700 (4,280)	2,800 (4,470)	2,800 (4,470)
• APCs/AFVs	5,885	6,425	6,733	6,733	6,733
• Artillery (including MRLs)	4,370 (4,670)	4,380 (4,680)	4,470 (4,770)	4,500 (4,800)	4,500 (4,800)
Air force					
• Combat aircraft	400 (420)	373 (405)	356 (400)	356 (400)	356 (400)
• Transport aircraft	90 (107)	89 (106)	83 (92)	83 (92)	92
• Helicopters	467	473	412 (430)*	412 (430)	412 (430)
Air defense forces					
• Heavy SAM batteries	24	24	24	24	24
• Light SAM launchers	96	96	120	196	196
Navy					
• Submarines	12	12	12	14	14
• Combat vessels	83	83	83	83	84
• Patrol craft	106	106	110	117	117

* Due to change in estimate

20. UNITED ARAB EMIRATES (UAE)

Major Changes

- Since the arrival of the last batch of F-16E/F there have been no deliveries of major weapon systems.
 - The UAE did, however, launch some major acquisition programs for the coming years. These include orders for new C-130J and C-17 transport aircraft, A-330 aerial refueling aircraft, airborne command and control aircraft, utility and light attack helicopters, and 48 M-346 training aircraft.
 - The UAE air defense forces are acquiring the latest version of Patriot SAMs, including the anti-ballistic PAC-3 missiles, the Avenger and SL-AMRAAM for point defense – and above all – 3 units of the THAAD anti-ballistic missile. The UAE will be the first non-US customer to possess this missile.
 - The Emiri Army will procure ATACMS ballistic missiles, as a part of a deal that also includes MLRS and GMLRS rockets.
 - The navy is awaiting its first Baynunah corvettes, the first of which was supposed to enter service in 2009, but did not. These corvettes will be equipped with Exocet MM-40 block III anti-ship missiles as well as RIM-7 and Sea Sparrow anti-aircraft and anti-missile systems.
-

General Data

Official Name of the State: United Arab Emirates

Head of State: Shaykh Khalifa ibn Zayid al-Nuhayan, Emir of Abu Dhabi

Prime Minister: Shaykh Mohammed ibn Rashid al-Maktum, Emir of Dubai

Minister of Defense: Shaykh Muhammed ibn Rashid al-Maktum

Chief of General Staff: HRH Lieutenant General Hamad Muhammad Thani al-Rumaithi

Commander of the Ground Forces: Major General Mohammed Subaith al-Kaabi

Commander of the Air Force and Air Defense Forces: Major General Mohammed bin Sweidan Saeed al-Qamzi

Commander of the Navy: Rear Admiral Ahmed al-Sabah al-Tenaiji

Area: 82,900 sq. km. (estimate)

Population: 5,500,000 (estimate)

Note: The UAE consists of seven principalities: Abu Dhabi, Dubai, Ras al-Khaima, Sharja, Umm al-Qaiwain, Fujaira, and Ajman

Strategic Assets

Ballistic Missiles

Model	Launchers	Missiles	Since	Notes
<ul style="list-style-type: none"> Scud B 	6		1991	Owned by Dubai; unconfirmed
Future procurement <ul style="list-style-type: none"> MGM-140 ATACMS 		100		Using HIMARS launchers

Space Assets

Model	Type	Notes
Satellites		
<ul style="list-style-type: none"> Thuraya-1/2/3 	communication	Geosynchronous, civilian satellites. The first was launch in September 2000, the second in June 2003, the third in January 2008
<ul style="list-style-type: none"> DubaiSat-1 	Remote sensing	Civilian satellite, launched in 2009
Ground stations <ul style="list-style-type: none"> Dubai Space Imaging 	Remote sensing	Receiving satellite images from Ikonos and India's IRS satellites
Future launches <ul style="list-style-type: none"> Yahsat-1A 	Telecom	Privately owned civilian satellites, the first to be launched in 2010

Armed Forces

Order-of-Battle

Year	2005	2006	2007	2008	2009
General data					
<ul style="list-style-type: none"> Personnel (regular) 	65,500	65,500	65,500	65,500	65,500
<ul style="list-style-type: none"> SSM launchers 	6	6	6	6	6
Ground forces					
<ul style="list-style-type: none"> Number of brigades 	8	8	8	8	8
<ul style="list-style-type: none"> Tanks 	532 (604)	532 (604)	532 (604)	532 (604)	532 (604)
<ul style="list-style-type: none"> APCs/AFVs 	~1,165	1,400*	1,460	1,460	1,460
<ul style="list-style-type: none"> Artillery (including MRLs) 	337 (360)	337 (360)	360	360	360

Order-of-Battle – cont'd

Year	2005	2006	2007	2008	2009
Air force					
• Combat aircraft	93 (103)	129 (142)	129 (142)	129 (142)	129 (142)
• Transport aircraft	30 (33)	30 (33)	35*	35	36
• Helicopters	102 (109)	111 (124)*	103 (120)	103 (120)	132 (153)
Air defense forces					
• Heavy SAM batteries	5	5	5	5	5
• Medium SAM batteries	6	6	7	9	9
• Light SAM launchers	~115	~115	~160	~160	~160
Navy					
• Combat vessels	12	14	14	14	14
• Patrol craft	92	92	92	92	92

* Due to change in estimate

21. YEMEN

Major Changes

- Yemen continues working to improve its defense relations with the US while ordering major pieces of equipment from Russia.
- The Yemeni air force suffered some losses during its combat against Shiite rebels in the north of the country.

General Data

Official Name of the State: Republic of Yemen

Head of State: President Ali Abdallah Salih

Prime Minister: Ali Muhammad al-Mujawar

Minister of Defense: Brig. General Muhammad Nasir Ahmad Ali

Chief of General Staff: Brig. General Ahmed al-Ashwal

Commander of the Air Force: Colonel Muhammad Salih al-Ahmar

Commander of the Navy: Admiral Abdallah al-Mujawar

Area: 527,970 sq. km.

Population: 23,600,000

Strategic Assets

Ballistic Missiles

Model	Launchers	Missiles	Since	Notes
• SS-1 (Scud B)	6			New Missiles received from North Korea, possibly Scud C
• SS-21 (Scarab)	4		1988	
Total	10			

Armed Forces**Order-of-Battle**

Year	2005	2006	2007	2008	2009
General data					
• Personnel (regular)	65,000	65,000	65,000	65,000	65,000
• SSM launchers	10	10	10	10	10
Ground forces					
• Number of brigades	33	33	33	33	33
• Tanks	745 (1,230)	745 (1,230)	745 (1,230)	745 (1,230)	745 (1,230)
• APCs/AFVs	795 (1,390)	815 (1,410)	815 (1,410)	835 (1,430)	835 (1,430)
• Artillery (including MRLs)	675 (995)	675 (995)	675 (995)	675 (995)	675 (995)
Air force					
• Combat aircraft	62 (181)	62 (181)	62 (181)	62 (181)	58 (176)
• Transport aircraft	13 (14)	13 (14)	13 (14)	13 (14)	13 (14)
• Helicopters	24 (68)	24 (68)	24 (68)	24 (68)	24 (68)
Air defense forces					
• Heavy SAM batteries	25	25	25	25	25
• Medium SAM batteries	+	+	+	+	+
• Light SAM launchers	120	120	120	120	120
Navy					
• Combat vessels	10	10	10	10	10
• Patrol craft	30	142	142	142	142