Review of Armed Forces

1. ALGERIA

Major Changes

- The Algerian air force received all of it Su-30MKA combat aircraft from Russia. The air force also received its first AW101 medium transport helicopters. Some 30 more helicopters of various types are to be delivered.
- The Algerian air defense forces received their first Pantsyr-S1 point defense systems.
- The Algerian navy received two Type 636 KILO class submarines from Russia.
- Algeria launched its second observation satellite – the ALSAT-2A. While this satellite was manufactured and launched by a European company, Algeria plans to launch another satellite in the near future, the ALSAT-2B, which is being manufactured indigenously.

General Data

Official Name of the State: Democratic and Popular Republic of Algeria
Head of State: President of the High State Council Abd al-Aziz Buteflika
Prime Minister: Abd al-Aziz Belkhaden
Minister of Defense: Major General Ahmed Sanhaji
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

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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.

Commander of Air Defense Force: Brigadier General Achour Laoudi
Commander of the Navy: Admiral Muhammad Taher Yali
Area: 2,460,500 sq. km.
Population: 34,900,000

Strategic Assets

NBC Capabilities

Nuclear capability

One 15 MW nuclear reactor, probably upgraded to 40 MW (built by PRC) suspected as serving a clandestine nuclear weapons program; one 1 MW nuclear research reactor (from Argentina); basic R&D; signatory of 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
• ALSAT-2A	Remote sensing	116 kg, 2.5m resolution, civilian earth monitoring satellite
Future launch		
• ALSAT-2B		To be launched in 2012

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
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

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
• Tanks	940 (1,140)	1,000 (1,200)	1,080 (1,240)	1,080 (1,240)	1,080 (1,240)
• APCs/AFVs	1,955 (2,055)	1,955 (2,055)	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)
Air Force					
• Combat aircraft	213 (243)	223 (253)	241 (271)	241 (271)	241 (271)
• Transport aircraft	41 (46)	46 (52)	46 (52)	46 (52)	46 (52)
• Helicopters	177 (186)	177 (186)	177 (186)	183	183
Air Defense Forces					
• Heavy SAM batteries	11	11	11	11	11
• Medium SAM batteries	18	18	18	20	20
• Light SAM launchers	78	78	78	78	78
Navy					
• Combat vessels	26	26	26	30	30
• Patrol craft	16	16	21	38	38
• Submarines	2	2	3	4	4

2. BAHRAIN

Major Changes

- Following civil unrest in Bahrain, some 2000 Peninsula Shield troops from four GCC countries were stationed in Bahrain. Their presence there is deemed temporary.
- The Bahraini military and security forces retained their cohesiveness during the period of unrest.
- The Bahraini air force received nine new S-70 Black Hawk helicopters.
- The Bahraini navy received its two new 42-meter landing craft as well as two 16-meter patrol boats – both from the UAE.

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 Daij 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	2007	2008	2009	2010	2011
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
• Tanks	180	180	180	180	180
• APCs/AFVs	277 (297)	277 (297)	277 (297)	277 (297)	277 (297)
• Artillery (including MRLs)	48 (50)	68 (70)	68 (70)	68 (70)	68 (70)
Air Force					
• Combat aircraft	34	34	34	34	34
• Transport aircraft	4	4	5	5	5
• Helicopters	48	49	51	57	57
Air Defense Forces					
• Heavy SAM batteries	3	3	3	3	3
• 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	24	24	24	24

3. EGYPT

Major Changes

- The Egyptian military industry will produce 125 more Abrams M1A1 MBTs, in addition to the existing 880 tanks already produced, bringing the total to 1,005 tanks.
- The Egyptian armed forces are playing a major role in Egypt's transition from dictatorship to democracy. During the crisis they kept their cohesiveness – which was not the case for the internal security organs.

General Data

Official Name of the State: The Arab Republic of Egypt
Head of State: Field Marshal Muhammad Hussayn Tantawi, head of the Supreme Military Council
Prime Minister: Issam Sharaf
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: Major General Reda Mahmoud Hafez Muhammad
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 supplied by 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 munitions (mustard and nerve agents). Personal protective equipment, Soviet type decontamination vehicles, Fuchs (Fox) ABC detection vehicle (12), SPW-40 P2Ch ABC detection vehicle (small numbers). Not a signatory of the CWC.

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

Ballistic Missiles

Model	Launchers	Missiles	Since	Notes
• SS-1 (Scud B/ Scud C)	24	100	1973	Possibly some upgraded versions
Future procurement				
• Scud C/ Project-T		90		Locally produced
• Vector				Unconfirmed
• No-Dong		24		Alleged

Space Assets

Model	Type	Notes
Satellites		
• NILESAT-1/2	Communication	Civilian
• Egypt Sat 1	Remote sensing	100 kg; a sun-synchronous, 668 km orbit
Ground stations		
• Aswan	Remote sensing	Receiving and processing satellite images for desert research
Future procurement		
• Desert Sat	Environmental	Monitoring coastal erosion, desertification, and water resources

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
General data					
• Personnel (regular)	450,000	450,000	450,000	450,000	450,000
• SSM launchers	24	24	24	24	24
Ground Forces					
• Divisions	12	12	12	12	12
• Total number of brigades	49	49	49	49	49
• Tanks	3,200 (3,830)	3,200 (3,830)	3,380 (3,830)	3,380 (3,870)	3,380 (3,870)
• APCs/AFVs	3,680 (4,950)	4,125 (5,305)	4,125 (5,305)	4,125 (5,305)	4,125 (5,305)

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
• Artillery (including MRLs)	3,590 (3,750)	4,050	4,050	4,050	4,050
Air Force					
• Combat aircraft	505 (518)	505 (518)	505 (518)	505 (518)	505 (518)
• Transport aircraft	53 (55)	53 (55)	53 (55)	53 (55)	53 (55)
• Helicopters	230	230	230	230	230
Air Defense Forces					
• Heavy SAM batteries	109	109	109	109	109
• Medium SAM batteries	46	46	46	46	46
• Light SAM launchers	130	155	155	155	155
Navy					
• Submarines	4	4	4	4	4
• Combat vessels	70	72	72	72	72
• Patrol craft	103	103	103	103	103

4. IRAN

Major Changes

- Iran continues its nuclear weapon project in spite of massive international pressure not to do so.
- Despite repeated promises by Russia to supply Iran's S-300PMU advanced air defense missile systems, Russia has officially canceled the deal.
- 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, the satellite launch vehicles (Safir-e-Omid and Simorgh), midget submarines (Ghader and Nahang), missile boats (Kaman and Mowj class), and patrol boats. It claims to have begum serial production of combat aircraft like the Azarakhsh and Saegheh, and UAVs.

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 Pourdastan
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 Mohammed Pakpour
Commander of the IRGC Air Wing: Brigadier General Amir Ali Hajizadeh
Commander of the IRGC Naval Wing: Rear Admiral Ali Fadavi
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

In 1999 Iran admitted that in the past it had possessed chemical weapons. Party to the CWC, but nevertheless suspected of still producing and stockpiling mustard, sarin, soman, tabun, VX, and other chemical agents. Suspected delivery systems include aerial bombs, artillery shells, and SSM warheads. PRC and Russian firms and individuals allegedly provide assistance in supply of CW technology and precursors. Personal protective equipment and munitions decontamination vehicles.

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	+		
Total	~60		

Ballistic Missiles – cont'd

Model	Launchers	Missiles	Notes
Future procurement			
• Shehab-3B			Includes new re-supply vehicles, believed to be in production
• Ghadr / Ashura / Sejil			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, to be launched in cooperation with China and Thailand
• Omid	Research	20 kg micro satellite; returned to the atmosphere after 3 months in space
• RASAD-1	Remote sensing	Indigenous micro satellite, launched in 2011
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-2	Research	65 kg, to be launched in 2012; indegious, following the cancelation of Mesbah-1 by Italy
• Zohreh	Communication	Russian-built communication satellite
• Navid	Remote sensing	100 kg, to be positioned at 500 km
• Zafar		
• Fajr		

Space Assets – cont'd

Name	Type	Notes
• AUTSAT/ (Amir-Kabir 1)	Heliocentric remote sensing	80 kg, to be launched in 2013

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
General data					
• Personnel (regular)	520,000	520,000	520,000	520,000	520,000
• SSM launchers	50	60	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)	237 (343)	235 (341)	235 (341)	235 (341)
• Transport aircraft	101 (125)	101 (125)	105 (129)	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	6
• Light SAM launchers	100	120	120	120	120
Navy					
• Submarines	6	8	8	11	11
• Combat vessels	56	90	90	106	106
• Patrol craft	160	185	185	150	150

5. IRAQ

Major Changes

- The Iraqi government is gradually receiving weapons and equipment for its developing armed forces. The ground forces are receiving primarily lightly armored vehicles, though a small number of more advanced M1A1 MBTs have also been ordered.
- The air force ordered and is receiving light aircraft – mostly for reconnaissance missions; some 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 craft and some transport ships.
- The US force is in the process of withdrawing from Iraq. A force of some 50,000 US soldiers will remain in Iraq in training and support roles for the Iraqi armed forces.

General Data

Official Name of the State: The Republic of Iraq
Commander of Advisory Forces in Iraq: Lt. Gen. Lloyd Austin
Head of State: President Jalal Talabani
Prime Minister: Nouri al-Maliki
Minister of Defense: Abdul Qadir Jassim al-Obeidi
Minister of Interior: Jawad al-Bulani
Chief of General Staff: Lt. General Babkir Bederkhan al-Zibari
Commander of the Ground Forces: Lt. General Ali Ghaidan
Commander of the Air Force: Lt. General Anwar Hamad Amen Ahmed
Commander of the Navy: Admiral Mohammed Jawad Kadham

Area:. 432,162 sq. km.
Population: 30,700,000 est.

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
General data					
• Personnel (regular)	250,000	250,000	250,000	250,000	250,000
Ground forces					
• Number of battalions	160	185	190	224	224

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
• Tanks	97	97	171	200	236
• APCs/AFVs	4,794	4,893	13,440	13,440	13,565
• Artillery			22	36	50
Air force					
• Combat aircraft			3	3	3
• Reconnaissance aircraft	10	11	18*	18	18
• Transport aircraft	8	11	4*	4	4
• Helicopters	36	36	53	60	65
Navy					
• Patrol craft	11	12	15	16	18

* Due to change in estimate

6. ISRAEL

Major Changes

- Two batteries of the Iron Dome anti-short range rocket system entered operational service. Four more batteries will be acquired in the near future. A third Arrow BMD battery has entered service. The battery is equipped with the new Arrow-2 system.
- The Israeli army is still absorbing its Merkava Mk IV MBTs, while withdrawing older MBTs from service. In the wake of lessons of the Second Lebanon War, the army is equipping its MBTs with the Trophy active protection system. The system has scored its first successful interception.
- The Israeli army is also absorbing its first Namer IFVs, which are based on the Merkava automotive system. These IFVs are manufactured both in Israel and in the US.
- The Israeli air force has replaced its aging Tzukit training aircraft with the new T-6A Texan (Efroni). The Tzukit was officially retired after more than 50 years in service. The air force has also acquired new Heron TP (Eitan), as well as Hermes 900 UAVs.

General Data

Official Name of the State: State of Israel
Head of State: President Shimon Peres
Prime Minister: Benjamin Netanyahu
Minister of Defense: Ehud Barak
Chief of General Staff: Lieutenant General Benny Gantz
Commander of Army HQ: Major General Sami Turgeman
Commander of the Air Force: Major General Ido Nehushtan
Commander of the Navy: Rear Admiral Ram Rothberg

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); Girit decontamination vehicles; AP-2C CW detectors. Signed but not yet ratified the CWC.

Biological weapons

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 missiles used in test ranges
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-5, Ofeq-7, and Ofeq-9
• Eros	Reconnaissance	Civilian derivate of Ofeq, currently Eros-1B
• TECHSAR	Reconnaissance	SAR imagery satellite, 260 kg, 550 km in orbit

Space Assets – cont'd

Model	Type	Notes
• TechSat	Research	Civilian
Satellite launcher		
• Shavit	SLV	
Future procurement		
• Shalom	Remote sensing	Multi-spectral satellites, in cooperation with Italy
• Nano-satellites	Reconnaissance	Optical satellites with 1.5m resolution
• Amos-4/5/6	Communication	Civilian-owned satellites
• MILCOM	Communication	

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
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	78	78	79	79	79
• Tanks	3,400 (3,800)	3,360 (3,740)	3,290 (3,730)	3,120 (3,630)	3,120 (3,630)
• APCs/AFVs	6,930	7,070	7,000 (7,500)	7,900 (8,400)	7,900 (8,400)
• Artillery (including MRLs)	+	+	+	+	+
Air Force					
• Combat aircraft	520 (875)	541 (875)	541 (875)	515 (874)	515 (874)
• Transport aircraft	71 (84)	66 (77)	66 (77)	66 (77)	66 (77)
• Helicopters	184 (286)	172 (285)	169 (285)	171 (201)	171 (201)
Air Defense Forces					
• Heavy SAM batteries	25	25	25	19*	19

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
• Medium SAM batteries				1	2
• Light SAM launchers	70	70	70	70	70
Navy					
• Submarines	3	3	3	3	3
• Combat vessels	15	15	15	13	13
• Patrol craft	50	52	55	56	56

* Due to change in estimate

7. JORDAN

Major Changes

- The Royal Jordanian Air Force is absorbing 20 F-16C/D procured from Belgium and Holland. Meanwhile the RJAF upgraded its older F-16A/B to the C/D standard, with aid from the Turkish industry.
- Jordan signed a contract with a consortium of companies from South Korea to build a 5 MW nuclear research reactor.

General Data

Official Name of the State: The Hashemite Kingdom of Jordan
Head of State: King Abdullah bin Hussein al-Hashimi (Abdullah the Second)
Prime Minister: Marouf al-Bakhit
Minister of Defense: Marouf al-Bakhit
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 Malik al-Habashneh
Commander of the Navy: Major General Dari al-Zaben

Area: 90,700 sq. km.
Population: 6,300,000

Strategic Assets

NBC Capabilities

Nuclear capability
5 MW nuclear research reactor, under construction by a consortium of companies from South Korea. Nuclear cooperation accords with Canada, China, France, UK, and US. Party to the NPT.

Chemical weapons and protective equipment
No known CW activities. Personal protective and decontamination equipment. Party to the CWC.

Biological weapons
No known BW capability. Party to the BWC.

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
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	927 (1,217)	927 (1,217)	927 (1,217)	927 (1,217)	927 (1,217)
• APCs/AFVs	1,864 (2,056)	2,235 (2,295)	2,235 (2,295)	2,235 (2,295)	2,235 (2,295)
• Artillery (including MRLs)	853 (878)	853 (878)	853 (878)	853 (878)	853 (878)
Air Force					
• Combat aircraft	94 (108)	80 (106)	83 (101)	83 (101)	83 (101)
• Transport aircraft	16	18	18	18	18
• Helicopters	67	79	82	82	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	17	17	17	17	17

8. KUWAIT

Major Changes

- The Kuwaiti air defense is undergoing a major upgrade to its Patriot AD missiles. Under this project Kuwait will receive the new PAC-3 interceptors, while the older PAC-2 will be upgraded to the GEM-T standard.

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: 3,600,000

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	2007	2008	2009	2010	2011
General data					
• Personnel (regular)	15,500	15,500	15,500	15,500	15,500

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
Ground Forces					
• Number of brigades	7	7	7	7	7
• Tanks	293 (483)	293 (483)	368 (483)	368 (483)	368 (483)
• APCs/AFVs	690 (920)	690 (920)	710 (940)	716 (946)	716 (946)
• Artillery	147 (177)	147 (177)	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	35 (40)	39 (48)	39 (48)	39 (48)	39 (48)
Air Defense Forces					
• Heavy SAM batteries	11	11	11	11	11
• Medium SAM batteries	6	6	6	6	6
Navy					
• Combat vessels	10	10	10	10	10
• Patrol craft	86	86	86	86	86

9. LEBANON

Major Changes

- 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, along with other munitions, ten IAR-330 Puma helicopters and, from the UAE, AC-208 Combat Caravan aircraft, and from the US, 600 HMMWV.
- Hizbollah forces (non-governmental) now have a stockpile of some 45,000 rockets of all sizes. In particular, they allegedly received M600 medium range ballistic missiles from Syria, as well as some Scud systems.

General Data

Official Name of the State: Republic of Lebanon
Head of State: President Michel Sulayman
Prime Minister: Najib Mikati
Minister of Defense: Elias Murr
Commander-in-Chief of the Armed Forces: Lieutenant General Jean Kahwaj
Chief of General Staff: Brigadier General Sawqi al-Massri
Commander of the Air Force: Brigadier General Samir Maalouli
Commander of the Navy: Rear Admiral Ali al-Moallem

Area: 10,452 sq. km.
Population: 4,200,000

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
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	1,520 (1,665)	1,545 (1,680)	1,800 (1,950)	1,860 (2,010)	1,860 (2,010)

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
• Artillery (including MRLs)	~335	~335	~335	~335	~335
Air Force					
• Combat aircraft		2	5	5	5
• Helicopters	24 (38)	36 (43)	50 (57)	50 (57)	50 (57)
Navy					
• Patrol craft	38	40	41	41	41

10. LIBYA

Major Changes

- Following the uprising in Libya that began in February 2011 and Qaddafi's overthrow, the Libyan armed forces have mostly disintegrated. Some of the units and some of the equipment are being operated by the rebels. Most of the air force and the air defense forces have been destroyed by NATO air attacks. The tables cover the known inventories at the outbreak of the civil war.

General Data

Official Name of the State: The Great Socialist People's Libyan Arab Jamahiriya
Head of State: Head of the Transitional National Council (TNC), Mustafa Abdel Jalil
Minister of Defense: Jallal al-Digheily
Commander of the Armed Forces: Abdul-Karim Belhaj

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 renunciation of 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
• Scud B	80	500	1976	
• Scud C			1999	Unusable
Total	~80			

Space Assets

Model	Type	Notes
Ground station		
• BIRUNI	Remote sensing	Research center

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
General data					
• Personnel	76,000	76,000	76,000	76,000	?
• SSM launchers	80	80	80	80	?
Ground Forces					
• Number of brigades	1	1	1	1	?
• Number of battalions	46	46	46	46	?
• Tanks	650 (2,210)	650 (2,210)	650 (2,210)	650 (2,210)	?
• APCs/AFVs	2,230 (2,520)	2,230 (2,520)	2,230 (2,520)	2,230 (2,520)	?
• Artillery (including MRLs)	2,320 (2,400)	2,320 (2,400)	2,320 (2,400)	2,320 (2,400)	?
Air Force					
• Combat aircraft	260 (386)	260 (386)	260 (386)	260 (386)	?
• Transport aircraft	78 (83)	83 (88)	83 (88)	83 (88)	?
• Helicopters	109 (186)	117 (194)	117 (194)	124 (201)	?
Air Defense Forces					
• Heavy SAM batteries	~30	~30	~30	~30	?
• Medium SAM batteries	~17	~17	~17	~17	?

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
• Light SAM launchers	55	55	55	55	?
Navy					
• Submarines	0(2)	0(2)	0(2)	0(2)	?
• Combat vessels	17	17	17	17	?
• Patrol craft	6	6	12	12	?

11. MOROCCO

Major Changes

- The Moroccan air force is upgrading its aged Mirage F-1 combat aircraft. Meanwhile the Moroccan air force ordered 24 F-16 aircraft, with the first batch delivered in July 2011. The air force also received its first C-27 transport aircraft, out of an order of four such aircraft, and its first twelve T-6C training aircraft, out of an order of 24.
- The Moroccan navy's first of three Sigma type frigates is undergoing sea worthiness tests in the Netherlands and will be commissioned in the near future.

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: Major General Abdul Aziz Bin-Ani
Commander of the Air Force: Major General Ahmad Bou-Taleb
Commander of the Navy: Major General Muhammad Barada

Area: 622,012 sq. km., including the former Spanish Sahara
Population: 32,300,000

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
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)	343 (640)	343 (640)	343 (640)
• APCs/AFVs	1,089 (1,139)	1,089 (1,139)	1,450 (1,500)	1,450 (1,500)	1,450 (1,500)
• Artillery (including MRLs)	1,100	1,100	1,142	1,142	1,142

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
Air Force					
• Combat aircraft	58 (72)	58 (72)	58 (72)	58 (72)	62 (78)
• Transport aircraft	41 (43)	41 (43)	41 (43)	42 (44)	42 (44)
• Helicopters	123 (133)	123 (133)	120 (130)	120 (130)	120 (130)
Air Defense Forces					
• Light SAM launchers	49	49	49	49	49
Navy					
• Combat vessels	15	15	15	15	15
• Patrol craft	55	55	62	62	62

12. OMAN

Major Changes

- The Omani air force received its first NH90 utility helicopters. The air force is also negotiating the procurement of eighteen combat aircraft.
- The Omani Royal Guard received all of its Centauro IFVs.

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: 3,100,000

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
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)	453 (484)	455 (486)	455 (486)
• Artillery	133 (139)	133 (139)	133 (139)	147	147
Air Force					
• Combat aircraft	32 (33)	41	41	41	41
• Transport aircraft	50 (54)	50 (54)	49 (56)	49 (56)	49 (56)

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
• Helicopters	61	63	63	63	63
Air Defense Forces					
• Light SAM launchers	112	112	112	112	112
Navy					
• Combat vessels	9	9	9	9	9
• Patrol craft	68	69	69	71	71

13. PALESTINIAN AUTHORITY

Major Changes

- Following the takeover of the Gaza Strip in July 2007 by Hamas, the PA comprises two separate entities. Therefore, this section is divided into two parts – 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 six trained battalions out of ten projected battalions by the end of 2011.

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
Chief of National Security: Brigadier General Diab 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 of Security Forces: Ahmed Jabari
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 security responsibility for the remaining 57% (Area C).
Population: 3,930,000

Security Forces

West Bank Order-of-Battle

Year	2007	2008	2009	2010	2011
General data					
• Personnel	60,000	40,000	30,000	30,000	30,000
• Number of battalions	1	3	5	6	6
Ground Forces					
• APCs	+	145	145	145	145

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	2010	2011
General data					
• Personnel	10,000	11,000	14,000	14,000	14,000
Ground Forces					
• APCs	+	+	+	+	+
• Artillery	+	+	+	+	+
• Rockets	thousands	thousands	thousands	thousands	thousands
AD systems					
• Shoulder-launched missiles	+	110	110	110	110
• Short range guns		15	15	15	15

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

14. QATAR

Major Changes

- The Qatari air force received its first AW139 helicopters. The air force is also absorbing its C-17 heavy transport aircraft and negotiating for additional aircraft.

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 Mubarak al-Khayarin
Commander of the Navy: Vice Adm. Muhammad bin Nasser al-Mohannadi

Area: 11,437 sq. km.
Population: 1,800,000

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
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)	9 (10)	9 (10)	9 (10)

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
• Helicopters	22	22	24	28	28
Air Defense Forces					
• Heavy SAM batteries	2	2	2	2	2
• Light SAM launchers	51	51	51	51	51
Navy					
• Combat vessels	7	7	7	7	7
• Patrol craft	17	14	14	14	14

15. SAUDI ARABIA

Major Changes

- The RSAF received twelve of its 72 Typhoon combat aircraft, ordered from the UK.
- The RSAF is upgrading 80 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 twelve additional AH-64D Apache combat helicopters and will upgrade the twelve existing older Apache AH-64A to the same standard. Other programs for the RSAF include an order for 6 A330 MRTT refueling aircraft, and upgrading old E-3s AWACS aircraft.
- The Saudi Arabian National Guard launched a major upgrade program that includes the procurement of 724 new Piranha LAV IFVs from Canada, 260 Tactica APCs from the UK, and 100 155mm CAESAR howitzers from France.

General Data

Official Name of the State: The Kingdom of Saudi Arabia
Head of State: King Abdallah 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 Miteb ibn Abdallah ibn Abd al-Aziz al-Saud
Commander of the Air Force: Lieutenant General Mohammed bin Abdullah al-Ayish
Commander of the Navy: Lt. General Dakhil Allah bin Ahmed bin Mohammed al-Waqdani

Area: 2,331,000 sq. km.
Population: 25,500,000

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	Communication	Civilian communication satellite network. Currently deployed are ArabSat-2B/5A and Bader-4/5/6.
• 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
Future procurement		
• Arabsat-6	Communication	Fifth generation satellite planned for launch in 2012.

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
General data					
• Personnel (regular)	171,500	214,500	214,500	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)	765 (1,015)	765 (1,015)	765 (1,015)
• APCs/AFVs	~4,430 (~5,230)	~4,180 (~5,180)	4,330 (5,150)	4,330 (5,150)	4,330 (5,150)
• Artillery (incl. MRLs)	~410 (~780)	~410 (~780)	~410 (~780)	~410 (~780)	~410 (~780)
Air Force					
• Combat aircraft	250 (~320)	250 (~320)	255 (~325)	261 (~330)	261 (~330)
• Transport aircraft	57 (59)	57 (59)	57	57	57
• Helicopters	228	226	234	234	234
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	68	68

16. SUDAN

Major Changes

- As of July 2011 South Sudan has become an independent state. All weapon systems that now belong to South Sudan have been eliminated from the tables.
- No other major changes were reported in the Sudanese armed forces.

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: 1,886,068 sq. km.
Population: 42,300,000

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
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
• APCs/AFVs	725 (860)	725 (860)	725 (860)	725 (860)	725 (860)
• Artillery (including MRLs)	810 (815)	820 (825)	820 (825)	825 (830)	825 (830)
Air Force					
• Combat aircraft	40 (62)	78 (100)*	82 (104)	82 (104)	82 (104)
• Transport aircraft	19*	19	19	19	19
• Helicopters	67*	67	67	67	67

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
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 were deployed in 2011 in an effort to crush the civilian revolt. In consequence, the armed forces suffered large numbers of defectors. At the same time, it appears the armed forces have not disintegrated.
- The Syrian armed forces have deployed the indigenously made M-600 ballistic missile (probably based on the Iranian Fateh-110 missiles).
- The Syrian air defense forces now operate at least some of the newly acquired Strelets and Pantsyr-S1 SAMs.
- The Syrian navy has acquired the P-800 Bastion (CSS-5) coastal defense system with its supersonic Yakhont missiles.

General Data

Official Name of the State: The Arab Republic of Syria
Head of State: President Bashar al-Asad
Prime Minister: Adel Safar
Minister of Defense: Major General Ali Mohammed Habib Mahmoud
Chief of General Staff: Major General Dawood Abdullah Rajneh
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 canceled. Party to the NPT but accused by IAEA as having a clandestine nuclear program following the investigation of the Israeli air attack on an alleged clandestine Syrian nuclear reactor. Safeguards agreement with the IAEA in force.

Chemical weapons and protective equipment

Stockpiles of nerve gas, including sarin, mustard, and VX. 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/ M600	+	+	2007	
• Scud D	+	+	2002	
Total	~50			

Note: This does not include long range rockets.

Space Assets

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

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
General data					
• Personnel (regular)	289,000	289,000	289,000	289,000	289,000
• SSM launchers	~50	~50	~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	2007	2008	2009	2010	2011
Air Defense Forces					
• Heavy SAM batteries	108	108	108	108	108
• Medium SAM batteries	64	67	67	67	67
• Light SAM launchers	88	88	88	88	88
Navy					
• Combat vessels	19	21	29	29	29
• Patrol craft	14	14	14	14	14

18. TUNISIA

Major Changes

- The political upheaval in Tunisia had no serious effect on the armed forces.
- No major change was recorded for the Tunisian armed forces.

General Data

Official Name of the State: The Republic of Tunisia
Head of State: Acting President Fouad Mebazaa
Prime Minister: Béji Ceïd-Ebessi
Minister of Defense: Abdel Karim Al Zubaidi
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: 10,400,000

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
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	16 (17)	16 (17)	16 (17)	16 (17)	16 (17)
• Helicopters	68	68	68	68	68

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
Air Defense Forces					
• Light SAM launchers	83	83	83	83	83
Navy					
• Combat vessels	15	15	15	15	15
• Patrol craft	41	41	31	31	31

19. TURKEY

Major Changes

- The Turkish industry concluded the process of upgrading M60 tanks according to an Israeli design.
- The air force launched a project to upgrade 165 of its F-16 combat aircraft. The air force has received all of its ten Heron MALE UAVs from Israel.
- The navy's first MILGEM project corvette was launched. The navy ordered 8 - 12 such corvettes.

General Data

Official Name of the State: Republic of Turkey
Head of State: President Abdullah Gül
Prime Minister: Recep Tayyip Erdoğan
Minister of National Defense: Ismet Yilmaz
Chief of General Staff: General Necdet Özel
Commander of the Ground Forces: General Hayri Kivrikoğlu
Commander of the Air Force: General Mehmet Erten
Commander of the Navy: Admiral Emin Murat Bilgel

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 build a 1,200 MW power reactor in Akuyu. 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		
• ITUpSat-1	Research	Private research satellite, indigenously built
• 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
• Ofeq 5	Reconnaissance	Sharing of Israeli satellite imagery
Future procurement		
• RASAT	Remote sensing	
• TurkSat-4A/4B	Communication	To be launched in 2012
• Gokturk	Reconnaissance	To be build by Telespazio, launch in 2012

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
General data					
• Personnel (regular)	421,000	421,000	421,000	421,000	421,000
• SSM launchers	18	18	18	18	18
Ground Forces					
• Divisions	3	3	3	3	3
• Total number of brigades	55	55	55	55	55
• Tanks	2,700 (4,280)	2,800 (4,470)	2,890 (4,460)	2,890 (4,460)	2,890 (4,460)
• APCs/AFVs	6,733	6,733	6,733	6,733	6,733
• Artillery (including MRLs)	4,470 (4,770)	4,500 (4,800)	4,500 (4,800)	4,500 (4,800)	4,500 (4,800)
Air Force					
• Combat aircraft	356 (400)	356 (400)	355 (399)	355 (399)	355 (399)
• Transport aircraft	83	83	92	92	92
• Helicopters	412 (430)	412 (430)	409 (427)	409 (427)	409 (427)
Air Defense Forces					
• Heavy SAM batteries	24	24	24	24	24
• Light SAM launchers	196	196	196	196	196
Navy					
• Submarines	12	14	14	14	14
• Combat vessels	83	83	69	69	69
• Patrol craft	110	117	97*	98	98

*Due to change in estimate

20. UNITED ARAB EMIRATES (UAE)

Major Changes

- The UAE launched 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, upgrading of existing AH-64 attack helicopters and acquisition of additional craft, acquisition of UH-60 utility helicopters and arming some of them.
- The UAE army intends to procure ATACMS ballistic missiles, as a part of a deal that also includes MLRS and GMLRS rockets.
- The air force is absorbing two Saab 340 early warning aircraft, purchased from Sweden.
- The UAE air defense forces are acquiring the latest version of Patriot SAMs, including the anti-ballistic missiles PAC-3 missiles. Negotiations continue for the acquisition of three units of the THAAD anti-ballistic missile system, of which the UAE will be the first non-US customer.
- The UAE navy is awaiting its first Baynunah corvettes, the first of which is expected to enter service in 2012. These corvettes will be equipped with MM-40 block III Excocet anti-ship missiles, as well as RIM-7 and Sea Sparrow anti-aircraft and anti-missile systems. Further orders include 2 Falaj-2 fast attack craft, as well as one Abu Dhabi class frigate, both from Italy.

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 Ali Muhammad Subaih al-Kaabi
Commander of the Air Force and Air Defense Forces: Major General Muhammad bin Swaidan Saeed al-Qamzi
Commander of the Navy: Rear Admiral Ahmed al-Sabah al-Tenaiji

Area:. 82,900 sq. km. est.
Population: 6,700,000 est.
Note: The UAE consists of seven principalities: Abu Dhabi, Dubai, Ras al-Khaima, Sharja, Umm al-Qaiwain, Fujaira, and Ajman

Strategic Assets

NBC Capabilities

Nuclear capability

A 1,400 MW power reactor, to be constructed by Korea Electric Power by 2017. No known nuclear activity. Signatory of the NPT.

Chemical weapons and protective equipment

No known CW activities. Personal protective equipment, unit decontamination equipment. Party to the CWC.

Biological weapons

No known BW activities. Signed but not ratified the BWC.

Future procurement

Fuchs (Fox) ABC detection vehicle (32)

Ballistic Missiles

Model	Launchers	Missiles	Since	Notes
• Scud B	6		1991	Owned by Dubai; unconfirmed
Future procurement				
• MGM-140 ATACMS		100		Using HIMARS launchers

Space Assets

Model	Type	Notes
Satellites		
• Thuraya-1/2/3	Communication	Geosynchronous, civilian satellites. The first was launched in September 2000; the second in June 2003; the third in January 2008.
• DubaiSat-1	Remote sensing	Civilian satellite, launched July 2009, 680 km in orbit
Ground stations		
• Dubai Space Imaging	Remote sensing	Receiving satellite images from Ikonos and India's IRS satellites
Future launches		
• Gulf Sat	Reconnaissance	Four optic and SAR satellites; first satellite to be launched in 2012.
• Yahsat-1A/B	Telecom	Privately owned civilian satellites, the first to be launched in 2011.

Armed Forces

Order-of-Battle

Year	2007	2008	2009	2010	2011
General data					
• Personnel (regular)	65,500	65,500	65,500	65,500	65,500
• SSM launchers	6	6	6	6	6
Ground forces					
• Number of brigades	8	8	8	8	8
• Tanks	532 (604)	532 (604)	532 (604)	532 (604)	532 (604)
• APCs/AFVs	1,460	1,460	1,430	1,430	1,430
• Artillery (including MRLs)	360	360	360	376	376
Air Force					
• Combat aircraft	129 (142)	129 (142)	128 (141)	128 (141)	130 (143)
• Transport aircraft	35*	35	36	36	36
• Helicopters	103 (120)	113 (130)	152 (173)	166 (183)	166 (183)
Air Defense Forces					
• Heavy SAM batteries	5	5	5	5	5
• Medium SAM batteries	7	9	9	9	9
• Light SAM launchers	~160	~160	~160	~160	~160
Navy					
• Combat vessels	14	14	12	12	12
• Patrol craft	92	92	92	100	100

*Due to change in estimate

21. YEMEN

Major Changes

- The internal upheaval in Yemen brought the armed forces to the brink of disintegration, with some units and their commanders supporting the rebels and others remaining loyal to the regime. The tables present the order of battle and inventories on the eve of these events.
- 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 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	2007	2008	2009	2010	2011
General data					
• Personnel (regular)	65,000	65,000	65,000	65,000	?
• SSM launchers	10	10	10	10	?

Order-of-Battle – cont'd

Year	2007	2008	2009	2010	2011
Ground Forces					
• Number of brigades	33	33	33	33	?
• Tanks	745 (1,230)	745 (1,230)	745 (1,230)	745 (1,230)	?
• APCs/AFVs	815 (1,410)	835 (1,430)	835 (1,430)	835 (1,430)	?
• Artillery (including MRLs)	675 (995)	675 (995)	675 (995)	675 (995)	?
Air Force					
• Combat aircraft	62 (181)	62 (181)	58 (176)	58 (176)	?
• Transport aircraft	13 (14)	13 (14)	13 (14)	13 (14)	?
• Helicopters	24 (68)	24 (68)	24 (68)	24 (68)	?
Air Defense Forces					
• Heavy SAM batteries	25	25	25	25	?
• Medium SAM batteries	+	+	+	+	?
• Light SAM launchers	120	120	120	120	?
Navy					
• Combat vessels	10	10	10	10	?
• Patrol craft	142	142	142	142	?