

### 3. EGYPT

#### Contents

Major Changes .....	1
General Data .....	1
Arms Trade .....	3
Strategic Assets .....	6
Armed Forces .....	7
Ground Forces .....	8
Air Force .....	11
Air Defense Forces .....	15
Navy.....	17

#### Major Changes

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- The Egyptian armed forces remained intact even though Egypt is undergoing a major political upheaval. The American military aid to Egypt also continues unchanged, thus we assess that existing procurement program will continue as scheduled.
  - The Egyptian military industry will produce 125 more Abrams M1A1 MBTs, in addition to the existing 1005 tanks already produced bringing the total to 1,130 tanks.
  - The Egyptian air force received all of its 9 AN-74 transport aircraft from Ukraine. The air force has also received the first of three C-295M transport aircraft from Spain.
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#### General Data

**Official Name of the State:** The Arab Republic of Egypt

**Head of State:** President Muhammad Morsi

**Prime Minister:** Hesham Kandil

**Minister of Defense and Military Production:** Abdel Fattah al-Sissi

**Chief of General Staff:** Major General Sidki Subhi

**Commander of the Air Force:** Major General Yunis al-Masri

**Commander of the Navy:** Vice Admiral Osama al-Gindi

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

**Population:** 84,500,000

## Egypt

### Demography

Ethnic groups		
• Arabs	83,148,000	98.4%
• Greeks, Italians, Armenians	845,000	1.0%
• Nubians	84,500	0.1%
• Others	422,500	0.5%
Religious groups		
• Sunni Muslims	79,430,000	94.0%
• Copts, other Christians	5,070,000	6.0%

### Economic Data

		2006	2007	2008	2009	2010
• GDP (current prices)	\$ bn	107.2	129.8	159.1	188.4	214.5
• GDP per capita (current price)	\$	1,364	1,620	1,952	2,267	2,539
• Real GDP growth	%	6.8	7.1	7.2	4.7	6.2
• Consumer price index	%	7.6	9.5	18.3	11.2	11.6
• External debt	\$ bn	28.8	30.4	31.9	30.2	NA
Balance of payments						
• Exports fob	\$ bn	20.55	24.45	29.85	23.1	25.0
• Imports fob	\$ bn	-33.1	-44.95	-56.6	-45.6	-51.5
• Current account balance	\$ bn	2.7	0.5	-1.3	-3.9	-4.4
Government expenditure						
• Government expenditure	%	33.6	30.4	32.1	33.3	NA
• Defense expenditure *	\$ bn	3.13	3.44	4.0	4.1	4.5
• Real change in defense expenditure	%	13.4	9.9	16.3	2.5	9.7
• Defense expenditure/GDP	%	2.92	2.65	2.5	2.2	2.1
• Population	m	78.6	80.1	81.5	83.1	84.5
• Official exchange rate	££: \$1	5.73	5.63	5.43	5.55	5.6

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

\* Published defense expenditure data apparently does not include \$1.3 bn annual foreign military assistance from the USA.

**Foreign Military Cooperation**

Type	Details
• Forces deployed Abroad	Democratic Republic of the Congo (MONUSCO), Darfur region (UNAMID), Liberia (UNMIL), Sudan (UNMISS), Western Sahara (MINURSO)
• Foreign forces	US forces includes some 265 soldiers (as of March 2010); MFO's soldiers as follows: Australia (25), Canada (28), Colombia (354), Fiji (338), Hungary (42), Italy (78), New-Zeland (28), Norway (4), Uruguay (58), US (693)
• Joint maneuvers	France (2009), GCC countries (2009), Germany (2009), Greece (2009), Italy(2009), Jordan (2009), Kuwait (2010), Netherlands (2009), Saudi Arabia (2011), Spain (2001), Turkey (2009), UK(2009), US (2010)
• Security agreements	NATO (2007)

**Arms Trade****Arms Procurement and Security Assistance Received**

Country	Type	Details
France	• Arms transfers	Kerax HET (2011)
Italy	• Arms transfers	AW109 EMS (2009)
Netherlands	• Arms transfers	YPR-765 ACV's (2007), 120mm mortars (2007)
PRC	• Cooperation in arms production	K-8E trainer aircraft (2010)
Russia	• Arms transfers	Upgrading of SA-3 SAMs (2008), Igla-S Strelets SAM (2009)
Spain	• Arms transfers	C-295M aircraft (2010)
Ukraine	• Arms transfers	An-74 aircraft (2010), Egyptsat-1 (2007), upgrading of MiG-21 aircraft (2008), upgrading of OT-62 APCs (2010)
US	• Arms transfers	Avenger SAMs (2007), King Cobra fast missile crafts (2009), M109 A5 (2007), AH-64D Apache helicopters (2010), Osprey mine hunters (2007), upgrading skyguard AD system (2007), ELINT surveillance ground stations (2007), M1070 HET (2009), E-2C aircraft (2008), BGM-71E TOW ATGMs (2008) , AH-64 flight simulator (2008), RAM missiles (2008), Stinger SAM (2009), S-70 Black Hawk (2008), Pluto UUVs (2009), F-16 block 50 aircraft (2010), CH-47D

## Egypt

Country	Type	Details
		helicopters (2009), Harpoon block-2 SSMs (2009), Upgrading of Sea King helicopters (2009), AGM-114K3 Hellfire-2 ATGMs (2009), King Air B200 aircraft (2011), AW139 helicopters (2011), DB-110 reconnaissance pod (2010), upgrading of Hainan vessels (2010)
	• Assistance	\$1.3 billion grant (2009), some items from US drawdown, worth several hundred million dollars
	• Cooperation in arms production	Assembly of M1A1 tanks and M88A2 recovery vehicle (2011), Assembly of Swiftships 28m patrol craft (2011)
	• Military training	Trainees form Egyptian border guards in USA (2008)

### Arms Sales and Security Assistance Extended

Country	Type	Details
Bangladesh	• Arms transfers	Fahd-28 APCs (2010)
US	• Facilities	Use of airfields at Cairo West, Qena, Inshas, Hurghada

### Defense Production

	M	P	A
<b>Weapons of mass destruction</b>			
• Upgraded Scud B SSMs (with North Korean cooperation)	✓		
• Chemical agents (unconfirmed)	✓		
• No-Dong (possible)		✓	
<b>Ground forces equipment</b>			
• M1A1 tanks, with cooperation from US (some parts are being produced in Egypt)			✓
• M88 Armored Recovery Vehicles			✓
• Fahd APCs (with FRG components and assistance)		✓	
• 155mm GH 52 APU towed field gun (with Finnish assistance)		✓	
• Conversion of 122mm D-30 howitzers to 122mm AR SP howitzers	✓		
• 130mm artillery pieces		✓	
• 122mm Saqr 18/30/36/45 MRLs	✓		
• Mortars		✓	
• Short-range SAMs (Saqr eye)			✓
• Conversion of 23mm AAGs to Sinai 23 SP AA systems	✓		

## Egypt

	M	P	A
(with French assistance)			
• Soviet design AAGs and small arms		✓	
• Upgrading of Russian tanks (with British assistance)		✓	
• Add-on armor to M-113 APCs	✓		
• Tank tracks		✓	
• Fateh minefield crossing systems (similar to Viper)		✓	
• Trucks and jeeps (with US)		✓	
• British tank guns		✓	
• Mines, including scatterable	✓	✓	
• Magnetic mine-clearing system	✓		
• Ammunition for artillery, tanks, and small arms	✓		
<b>Air force equipment</b>			
• K-8/E Karakorum basic trainer and light attack aircraft		✓	
• Parts for F-16		✓	
• Parts for Mirage 2000		✓	
• Parts for Mystère-Falcon 50 executive aircraft		✓	
• Aircraft fuel pods		✓	
• CBU's (US design)		✓	
• Aerial bombs		✓	
<b>Navy equipment</b>			
• Timsah patrol boats	✓		
• Type 83 patrol boats	✓		
• Swiftships 28m patrol craft		✓	✓
<b>Electronics</b>			
• SAM electronics (in collaboration with UK)		✓	
• Fire control system		✓	
• Bassal artillery fire control system	✓		
• Simulators for rifle firing	✓		
<b>Optronics</b>			
• Night vision devices		✓	
• Camera for imaging satellite		✓	
Note: M – manufacture (indigenously developed) P – production under license A – assembly			

## Strategic Assets

### NBC Capabilities

#### Nuclear capability

A 22 MW research reactor from Argentina, completed in 1997; A 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).

Not a party to 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"> <li>SS-1 (Scud B/ Scud C)</li> </ul>	24	100	1973	Possibly some upgraded
<b>Future procurement</b>				
<ul style="list-style-type: none"> <li>Scud C/ Project-T</li> </ul>		90		Locally produced
<ul style="list-style-type: none"> <li>Vector</li> </ul>				Unconfirmed
<ul style="list-style-type: none"> <li>No-Dong</li> </ul>		24		Alleged

Note: see also under Rockets.

### Space Assets

Model	Type	Notes
<b>Satellites</b>		
<ul style="list-style-type: none"> <li>NileSat</li> </ul>	Communication	Civilian TV satellites. Currently deployed are NileSat 1, NileSat 2, NileSat 201
<ul style="list-style-type: none"> <li>Egypt Sat 1</li> </ul>	Remote sensing	100 kg; a sun-synchronous, 668 km orbit
<b>Ground stations</b>		
<ul style="list-style-type: none"> <li>Aswan</li> </ul>	Remote sensing	receiving and processing satellite images for desert research
<b>Future procurement</b>		
<ul style="list-style-type: none"> <li>Desert Sat</li> </ul>	Environmental	Monitoring coastal erosion, desertification and water resources

**Command and Control Assets**

Name	Description
<b>Air defense</b>	
Early warning	National EW network, comprising of ground radars, EW aircraft, and command centers
<b>Naval surveillance</b>	
Coastal surveillance	National network of coastal surveillance radars and coastal defense assets.
<b>Border security</b>	
Border surveillance program	Construction of towers, sensors and patrols along the Israeli-Egyptian border.

**Armed Forces****Order-of-Battle**

Year	2007	2008	2009	2010	2011
<b>General data</b>					
• Personnel (regular)	450,000	450,000	450,000	450,000	450,000
• SSM launchers	24	24	24	24	24
<b>Ground forces</b>					
• 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)	3,400 (3,955)
• APCs/AFVs	3,680 (4,950)	4,125 (5,305)	4,125 (5,305)	4,255 (5,375)	4,255 (5,375)
• Artillery (including MRLs)	3,590 (3,750)	4,050	4,050	4,050	4,050
<b>Air force</b>					
• Combat aircraft	505 (518)	505 (518)	511 (518)*	511 (518)	511 (518)
• Transport aircraft	53 (55)	53 (55)	59*	60	62
• Helicopters	230	230	230	230	230
<b>Air defense forces</b>					
• Heavy SAM batteries	109	109	109	109	109
• Medium SAM batteries	46	46	46	46	46
• Light SAM launchers	130	155	155	155	155

## Egypt

Year	2007	2008	2009	2010	2011
<b>Navy</b>					
• Submarines	4	4	4	4	4
• Combat vessels	70	72	72	72	72
• Patrol craft	103	103	103	103	103

\* Due to change in estimate.

### Personnel

	Regular	Reserves	Total
Ground Forces	320,000	150,000	470,000
Air Force	30,000	20,000	50,000
Air Defense	80,000	70,000	150,000
Navy	20,000	14,000	34,000
<b>Total</b>	<b>450,000</b>	<b>254,000</b>	<b>704,000</b>
<b>Paramilitary</b>			
• Coast Guard	2,000		2,000
• Frontier Corps	6,000		6,000
• Central Security Forces	325,000		325,000
• National Guard	60,000		60,000
• Border Guard	12,000		12,000

## Ground Forces

### Formations

	Corps/ armies	Divisions	Independent brigades/groups	Brigades in divisions
All Arms	2			
Armored		4	4	2 armd, 1 mech, 1 aty. Each
Mechanized		7	4	2 mech, 1 armd, 1 aty. Each
Infantry		1	2	
Airborne			1	
Paratroopers			1	
Special Forces			+	
Artillery			15	
SSM			2	
<b>Total</b>	<b>2</b>	<b>12</b>	<b>~30</b>	



## Egypt

### Tanks

Model	Quantity	In service	Since	Notes
<b>MBTs</b>				
<b>High quality</b>				
• M1A1 Abrams	1,005	900	1992	
<b>Medium and low quality</b>				
• M60 A3	850	850	1981	
• M60 A1	700	600	1990	
• T-62	600	~550	1972	
• T-55	800	~500		Most in storage
Subtotal	2,950	~2,500		
<b>Total</b>	<b>3,955</b>	<b>3,400</b>		
<b>Future procurement</b>				
• M1A1 Abrams	125			Under negotiations

### APCs/AFVs

Model	Quantity	In service	Since	Notes
<b>APCs</b>				
• M113 A2	1,450	1,280	1980	52 M-901 ITV
• BMR-600	250	250	1983	
• Fahd	160	160	1986	
• BTR-50PKM/ OT-62	1,100	150	2003	Being upgraded
Subtotal	2,960	1,840		
<b>IFVs</b>				
• YPR-765	1,040	1,040	1996	290 with TOW under armor
• BMP-1	220	220		
• V-150/V-300 commando	180	180		
Subtotal	1,440	1,440		
<b>Reconnaissance</b>				
• BRDM-2	300	300	1968	
• BTR-40/152	675	675		
Subtotal	975	975		
<b>Total</b>	<b>5,375</b>	<b>4,255</b>		
<b>Future procurement</b>				
• Upgrading OT-62	200			Being delivered

Egypt

<b>Artillery</b>					
<b>Model</b>	<b>Quantity</b>	<b>In service</b>	<b>Since</b>	<b>Notes</b>	
<b>Self-propelled guns and howitzers</b>					
• 155mm M109 A2/A3	401	401	1984		
• 155mm M109A5	200	200	2006		
• 122mm SP122	124	124	1987		
Subtotal	725	725			
<b>Towed guns and howitzers</b>					
• 155mm GH 52 APU	+	+	2000	Locally produced	
• 130mm M-46/Type-59	+	+			
• 122mm D-30	+	+			
Subtotal	~970	~970			
<b>Mortars, over 160mm</b>					
• 240mm	+	+			
• 160mm	60	60			
Subtotal	~60	~60			
<b>Mortars, under 160mm</b>					
• 120mm Brandt	48	48	2007		
• 120mm M-43	1,800	1,800			
• 107mm M-30 SP	100	100		On M106 chassis	
Subtotal	1,948	1,948			
<b>MRLs</b>					
• 122mm BM-11	100	100			
• 122mm BM-21	+	+			
• 122mm Saqr 18/30/36/45	200	200			
• ER-MLRS	36	36	2004		
Subtotal	~336	~336			
<b>Rockets</b>					
• FROG-7	12	12			
• 210mm Saqr 80	*	*			
Subtotal	~12	~12			
<b>Total</b>	<b>~4,050</b>	<b>~4,050</b>			

## Egypt

### Ground Radars

Model	Quantity	In service	Since	Notes
<b>Artillery/mortar locating radars</b>				
• AN/TPQ-36	6	6	1999	
• AN/TPQ-37	2	2	1989	
<b>Future procurement</b>				
• AN/TPQ-37				

### Logistic and Engineering Equipment

Bar mine-laying system, EWK pontoon bridges, GSP self-propelled ferries, M-123 Viper minefield crossing system or al-Fatah Egyptian Viper-like system, MT-55 bridging tanks, MTU-55 bridging tanks, Egyptian bridging tanks (on T-34 chassis), mine-clearing rollers, PMP folding pontoon bridges, PRP motorized bridges, M88 ARV (88), M911 HET, M1070 HETs (170), Kerax HET (15)

#### Future procurement

M1070 HET (44)

### Anti-Tank Missiles

Model	Launchers	Missiles	Since	Notes
• BGM-71C/D/E TOW		1,300		
• M-901 ITV	52	+		Also listed under APCs
• YPR-765 ITV	290	+	1996	Also listed under APCs
• MILAN	250	+	1978	
• AT-3 (Sagger)		1,400	1972	
• Swingfire	200	+	1976	
<b>Total</b>	<b>~1,000</b>	<b>+</b>		
<b>Future procurements</b>				
• BGM-71E TOW		6,900		

## Air Force

### Order-of-Battle

Category	Quantity	In service	Notes
• Combat	518	511	
• Transport	62	62	
• Helicopters	232	232	

## Egypt

### Combat Aircraft

Model	Quantity	In service	Since	Notes
<b>Advanced multi-role</b>				
• F-16 C/D	217	217	1986	
• Mirage 2000	18	18	1986	
Subtotal	235	235		
<b>Ground attack</b>				
• Alpha Jet and Alpha Jet MS-2	42	42	1983	Defined in Egypt as CAS aircraft
<b>Obsolete</b>				
• F-4E Phantom	32	25	1980	
• F-7 Shenyang/ MiG-21 MF	150	150	1972	14 listed also under reconnaissance
• Mirage 5	59	59	1974	6 listed also under reconnaissance
Subtotal	241	234		
<b>Total</b>	<b>518</b>	<b>511</b>		
<b>Future procurement</b>				
• F-16 C/D	20			

### Transport Aircraft

Model	Quantity	In service	Since	Notes
• An-74T-200A	9	9	2005	
• C-295M	1	1	2011	Being delivered
• Beechcraft 1900C	6	6	1988	4 in various surveillance roles
• Boeing 707	1	1	1974	
• C-130H/C-130H-30 Hercules	24	24	1978/1990	2 in various surveillance roles
• DHC-5D Buffalo	9	9	1982	
• Gulfstream G-3/4	5	5	1985/1996	
• Gulfstream G-4 SP	4	4	2004	
• Mystère-Falcon 20	3	3		
<b>Total</b>	<b>62</b>	<b>62</b>		
<b>Future procurement</b>				
• C-295M	3			Delivery in progress

**Training and Liaison Aircraft**

Model	Quantity	In service	Since	Notes
<b>Jet trainers</b>				
• Alpha Jet and Alpha Jet MS-2			1983	Also listed under combat aircraft
• L-59	48	48	1993	
• L-29 (Delfin)	30	30	1972	
• L-39 (Albatross)	10	10	1990	
Subtotal	88	88		
<b>Piston/Turbo-prop</b>				
• G 115E	74	74	2000	
• Embraer EMB-312 (Tucano)	54	54	1984	
• K-8E Karakorum	120	120	2002	
• al-Gumhuriya	36	36	1973	
Subtotal	284	284		
<b>Total</b>	<b>372</b>	<b>372</b>		

**Helicopters**

Model	Quantity	In service	Since	Notes
<b>Attack</b>				
• AH-64D Apache	35	35	1995	Upgraded
• SA-342 L/M Gazelle	65	65	1983	
Subtotal	100	100		
<b>Heavy transport</b>				
• CH-47C/D Chinook	19	19	1981	16 of which are CH-47D
<b>Medium transport</b>				
• Mi-8 (Hip)	~40	~40	1972	Some may be armed
• S-70A Black Hawk	4	4	2002	VIP service
• Westland Commando Mk 2	25	25	1974	Also in VIP and EW roles
Subtotal	~70	~70		
<b>Light transport</b>				
• UH-12E Hiller	17	17	1982	
• AW109 EMS	3	3	2010	
Subtotal	20	20		
<b>Naval combat</b>				
• SH-2G Seasprite	9	9	1997	Being upgraded
• SA-342L Gazelle	9	9	1983	
• Westland Sea King	5	5	1976	

Egypt

Model	Quantity	In service	Since	Notes
Mk 47				
Subtotal	23	23		
<b>Total</b>	<b>232</b>	<b>232</b>		
<b>Future procurement</b>				
• AW139	2			CSAR
• CH-47D	6			
• AH-64D Block 2	10		2011	

**Miscellaneous Aircraft**

Model	Quantity	In service	Since	Notes
<b>Reconnaissance</b>				
• MiG-21R	14	14		Also listed under Combat Aircraft
• Mirage 5DR	6	6	1974	Also listed under Combat Aircraft
<b>AEW/AWACS</b>				
• E-2C Hawkeye 2000	6	6	2003	
<b>ELINT/ ESM</b>				
• Beechcraft 1900C	2	2	1992	Also listed under Transport Aircraft
• C-130H EW	2	2	2001	Also listed under Transport Aircraft
<b>maritime surveillance/ASW</b>				
• Beechcraft 1900C	2	2	1992	
<b>UAVs and mini- UAVs</b>				
• Kader	+	+		
• R4E-50 Skyeye	48	48		
• Camcopter	2	2		
• 324 Scarab	50	50		
<b>Target drones</b>				
• CT-20	+	+		
• Beech AQM-37A	+	+		
• Beech MQM-107B	+	+		
• TTL BTT-3 Banshee	Several dozens	Several dozens		
<b>Future procurement</b>				
• King Air B200	2			Probably MP aircraft
• E-2C Hawkeye	2			From US

## Egypt

Model	Quantity	In service	Since	Notes
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drawdown

### Advanced Armament

#### Air-to-air-missiles

AIM-7F/ M Sparrow (550), AIM-9L/P/M Sidewinder (1,500), R-550 Magic, R-530D Super

#### Air-to-ground missiles

AGM-65 Maverick (1,100), AGM-84 Harpoon (10), AGM-88 HARM, AGM-114 Hellfire (1,000), AGM-114K3 Hellfire (459), AS-30L, HOT, GBU-15 (50), GBU-12 (390)

#### Targeting and reconnaissance

LANTIRN (45), TARS (6)

#### Future procurement

DB-110 reconnaissance pod (1)

Note: Numbers in parentheses refer to number of units purchased, not to current inventory levels.

### Air Force Infrastructure

#### Aircraft shelters

In all operational airfields, for combat aircraft

#### Military airfields : 28

Abu Hammad, Abu Suweir, Alexandria, Aswan, Beni Suef, Bilbeis, Cairo International, Cairo West, Fayid, Hurghada, Inshas, Janaklis, Jebel al-Basour, Kabrit, Kom Awshim, Luxor, al-Maza, al-Minya, Mansura, Marsah Matruh, Qena, al-Qutamiya, Saqqara, Sidi Barani, Ras Banas, Salahiya, Tanta, al-Zaqaziq

## Air Defense Forces

### Surface-to-Air Missiles

Model	Batteries	Launchers	Since	Notes
<b>Heavy missiles</b>				
• MIM-23B Improved HAWK	16		1981	Being upgraded
• SA-2 (Guideline)	40		1965	
• Pechora-2M (SA-3 SP)	23	70	2001	Upgraded SA-3
• S-125 Pechora (SA-3)	30		1965	
<b>Total</b>	<b>109</b>			
<b>Medium missiles</b>				
• Crotale	12		1977	

Updated on 27/08/2012

15

## Egypt

Model	Batteries	Launchers	Since	Notes
• SA-6 (Kub)	14		1972	Being upgraded
• Sparrow	20	40		Included in Skyguard AD system
<b>Total</b>	<b>46</b>			
<b>Light missiles</b>				
• MIM-72A Chaparral		80		
• SA-24 (Igla-S Strelets)		300	2009	Mounted on ZSU-23 SP chassis
• Avenger	12	75	2000	
<b>Total</b>		<b>155</b>		
<b>Shoulder-launched missiles</b>				
• Ain al-Saqr (Saqr Eye)		+		
• SA-7 (Grail)		~ 2,000	1972	
<b>Future procurement</b>				
• Tor-M1	+			Alleged
• Buk-M1	+			Alleged

### Other Air Defense Systems

Model	Quantity	In service	Since	Notes
<b>Air defense systems (missiles, radars and guns)</b>				
• Skyguard (Amoun) AD system	20	20		Being upgraded
• Sinai 23mm AD system	~45	~45		
<b>Total</b>	<b>~65</b>	<b>~65</b>		
<b>Short-range guns</b>				
• 57mm ZSU 57x2 SP	40	40		
• 35mm Oerlikon-Buhle 35x2 GDF-002	36	36		Integral part of Skyguard AD systems
• 23mm ZSU 23x4 SP (Gun Dish)	360	360		Including SA-24 Strelets
• 23mm ZU 23x2	117	117		
<b>Total</b>	<b>553</b>	<b>553</b>		
<b>Radars</b>				
• AN/TPS-59(V)3	5	5		
• AN/TPS-59/M34	8	8	1991	Being Upgraded



## Egypt

Model	Quantity	In service	Since	Notes
• AN/TPS-63	42	42		
• P-15 Flat Face	+	+	1973	
• P-12 Spoon Rest	+	+	1973	
• TRS-2100 (Tiger S)	15	15		
<b>Future procurement</b>				
• SPS 48E	6	6		
• AN/MPQ-64	12			

## Navy

### Submarines

Type	Quantity	Length (m.)/ displacement (t.)	Notes/armament
• R class (Romeo ex-Chinese)	4	76.6/1,830	Sub-Harpoon SSM 8x533mm torpedoes 28 mines Operational status doubtful

### Combat Vessels

Type	Quantity	Length (m.) / displacement (t.)	Notes/armament
<b>Missile frigates</b>			
• El-Suez class (Descubierta)	2	88.8/1,233	8xHarpoon SSMs 24xAspide SAMs 6x324mm torpedoes 1x375mm ASW launcher 1x76mm gun 2x40mm guns
• Jianghu class	2	103.2/1,425	4xHai Ying-II SSMs 4x57mm guns 12x37mm guns 2 RBU 1200 ASW mortars
• Damyat Class (Knox)	2	134/3,011	1x Seasprite helicopter 8xHarpoon SSMs 1x127mm gun 1x20mm Phalanx 4x324mm torpedoes
• Mubarak class (Oliver Hazard Perry)	4	135.6/2,750	2xSeasprite helicopters 4xHarpoon SSMs 36xStandard SAM 1x76mm gun 1x20mm Phalanx

Egypt

Type	Quantity	Length (m.) / displacement (t.)	Notes/armament
Subtotal	10		6x324mm torpedoes
<b>MFPBs</b>			
• Tiger (Type 148)	5	47/234	4xMM38 Exocet SSMs 1x76mm gun 1x40mm gun mines
• Hegu class	4	27.0/88	2xSY-1 SSMs 2x23mm guns Additional 2 non-operational
• October class (Komar)	4	25.5/82.0	2xOtomat Mk2 SSMs 4x30mm guns Additional 2 non-operational
• Ossa I	12	38.6/171	4x SS-N-2A Styx SA-N-5 Grail 4x30mm guns Operational status uncertain
• Ramadan (Vosper Thornycroft)	6	52.0/307	4xOtomat Mk2 SSMs 1x76mm gun 2x40mm guns SA-N-5 portable SAMs
Subtotal	31		
<b>Mine warfare vessels</b>			
• T-43 class minesweeper	3	58.0/580	4x37mm guns 8x12.7mm MGs 20 mines
• Osprey mine-hunters	2	57.2/930	2x12.7 MGs SSQ-32 active sonar
• Swiftships coastal minesweeper	3	33.8/203	2x 12.7mm MG TSM 2022 side scan sonar Pluto UUV sonar
• Yurka class minesweeper	4	52.4/540	4x30mm guns 10 mines
• Swiftships route survey	2	27.4/165	1x12.7mm MG EG&G side scan sonar
Subtotal	14		
<b>Gunboats</b>			
• Hainan class	8	58.8/375	To be upgraded with LFATS sonar 4x57mm guns 4x23mm guns

## Egypt

Type	Quantity	Length (m.) / displacement (t.)	Notes/armament
• Shanghai II	4	38.8/113	4XRBU 1200 ASW mortars 4x37mm guns 2x23mm guns
• Shershen class	5	34.7/145	SA-N-5 portable SAM 4x30mm guns 2x20 122mm MRLs
Subtotal	17		
<b>Total</b>	<b>72</b>		
<b>Future procurement</b>			
• King Cobra/ Ambassador Mk-3 MFPBs	4		Harpoon Block-2 SSMs RIM-116 RAM SAMs 76mm/62 MK 75 gun

### Patrol Craft

Type	Quantity	Length (m.) / displacement (t.)	Notes/armament
• Sea Spectre Mk 3	12	19.8/37	
• Peterson	9	13.9/18	
• Peterson	3	15.5/20	
• Crestitalia MV-70	6	21.0/36	2x30mm guns 1x20mm gun
• DC 35 type	29	10.7/4	
• Swift Protector	6	26.1/116	
• Nisr class (de Castro)	5	31.0/110	2x23mm guns 1x122mm MRL
• Swiftships 93ft. CPC	9	28.4/102	4x23mm guns 1x20mm gun
• Timsah class	21	30.5/106	2x30mm guns or 2x20mm guns
• Type 83	3	25.5/85	4x23mm guns 1x20mm gun
<b>Total</b>	<b>103</b>		
<b>Future procurement</b>			
• Swiftships 93ft. CPC	4		Delivery in 2014

### Landing Craft

Type	Quantity	Length (m.) / displacement (t.)	Notes/armament
• Polnochny class LSM	3	73.0/800	2x30mm guns 2x140mm MRL 6 tanks or 350 tons

## Egypt

Type	Quantity	Length (m.) / displacement (t.)	Notes/armament
• Vydra class LCU	9	54.8/425	4x37mm guns 200 troops or 250 tons
• Seafox	5	11/11.3	Swimmers delivery craft
• Hovercraft SAH-220	3		
<b>Total</b>	<b>20</b>		

### Auxiliary Vessels

Type	Quantity	Length (m.) / displacement (t.)	Notes/armament
• El Fateh (1 Z)	1	110.6/1,730	used for harbor training
• Al-Hurreya	2	139.5/12,400	Ro-Ro cargo vessels
• Niryat (Type 522)	2	28.6/116	diving tenders
• Okhtensky (tug)	5	47.6/930	
• Poluchat II	2	29.6/100	torpedo recovery
• Toplivo 2 class tanker	7	53.7/1,029	500 ton diesel
• Training ships	6		1 Sekstan; 1 Kousser; Intishat – 500 ton; 2 YSB, 1 Aida – 3,300 ton
• Shaladien (Lunbourg) support ship	1	114.3/3,709	4X40mm guns
• Hala'ib (Westerwald) ammunition transport	1	105/3,460	2X40mm guns
<b>Future procurement</b>			
• Al-Hurreye	1	139.5/12,400	

### Special Maritime Forces

Type	Quantity	Length (m.) / displacement (t.)	Notes/armament
• FX-100 SPV	+		
• Rigid Raiders RIBs	+	5.2/0.87	8 troops
<b>Total</b>			
<b>Future procurement</b>			
• Pluto Plus UUV			

### Coastal Defense

Type	Batteries	Launchers	Notes
• OTOMAT	3		
• SSC-3 Styx	7		
• HY-2	10	30	unconfirmed

Egypt

Type	Batteries	Launchers	Notes
<b>Total</b>	<b>20</b>		

**Naval Infrastructure**

Naval bases : 8

Abu Qir (naval academy), Alexandria, Hurghada, Marsa Matruh, Port Said, Safaga, Suez, Berenice (Ras Banas)

**Ship maintenance and repair facilities**

Alexandria (including construction up to 20,000 dwt), Port Said, Ismailiya