

4. IRAN

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Major Changes

- Iran admitted it is building a facility for enriching uranium and another one for the production of heavy water. Iran announced that it is developing an indigenous fuel cycle for civilian use but it is generally perceived to be a part of a nuclear weapon program. Iran is currently under international pressure to cap its program, but the program seems to forge ahead.
 - After long negotiations with Russia – a first deal was finalized – for the acquisition of 30 TOR-M1 air defense systems.
 - A Russian satellite launcher launched Iran's first satellite – the Sinah-1. The satellite carries imaging equipment but it is a research satellite with no military significance.
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Iran

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 Ahmadi-Nejad

Minister of Defense: Mustafa Mohammed Najjar

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 Mohammed Hussein Dadrass

Commander of the Air Force: Brigadier General Karim Qavami

Commander of the Navy: Rear Admiral Sajjad Kouchaki Badlani

Commander-in-Chief of the Islamic

Revolutionary Guards Corps (IRGC): Major General Yahya Rahim Safavi

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

Commander of the IRGC Ground Forces: Brigadier General Ahmad Kazemi

Commander of the IRGC Air Wing: Brigadier General Ali Reza Zahedi

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

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

Population: 69,100,000 est.

Demography

Ethnic groups

• Persians	33,405,000	51.0%
• Azeris	15,720,000	24.0%
• Gilaki and Mazandarani	5,240,000	8.0%
• Kurds	4,585,000	7.0%
• Arabs	1,965,000	3.0%
• Balouchis	1,310,000	2.0%
• Turkmens	1,310,000	2.0%
• Lurs	1,310,000	2.0%
• Others	655,000	1.0%

Religious groups

• Shi'ite Muslims	58,295,000	89.0%
• Sunni Muslims	6,550,000	10.0%
• Christians, Zoroastrians, Jews, Bahais and others	655,000	1.0%

Iran

Economic Data

		1999	2000	2001	2002	2003
• GDP (current prices)	\$ bn	55.2	71.9	84.6	117.2	130.2
• GDP per capita	\$	840	1,083	1,259	1,721	1,890
• Real GDP growth	%	2.0	5.3	5.8	7.6	6.7
• Consumer price index	%	20.1	14.4	11.3	14.3	16.5
• External debt	\$ bn	9.9	8.0	7.5	9.2	12.1
Balance of payments						
• Exports fob	\$ bn	21.03	28.34	23.90	28.24	33.79
• Imports fob	\$ bn	13.43	15.21	18.13	23.03	28.9
• Current account balance (including services and income)	\$ bn	6.59	12.64	5.98	3.58	2.06
Government expenditure						
• Total expenditure	\$ bn	8.63	10.63	13.23	18.63	34.07
• Defense expenditure	\$ bn	1.64	2.71	3.62	4.34	6.08
• Real change in defense expenditure	%	-15	65.2	33.6	19.9	40.1
• Defense expenditure / GDP	%	3.0	3.8	4.3	3.7	4.6
Population	m	65.7	66.4	67.2	68.1	68.9
Official exchange rate	IR: \$1	7,907	8,077	7,921	7,958	8,281

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

Foreign Military Cooperation

Type	Details
• Forces deployed abroad	50 IRGC troops in Lebanon, Ethiopia and Eritrea (UNMEE)
• Joint maneuvers	India (2003), Italy (2001) , Kuwait (proposed naval maneuvers), Oman (observers 1999), Pakistan (naval maneuvers - 2003)
• Security agreements	Azerbaijan (2005) ,India (2003), Iraq (2005) , Pakistan (2003) , Tajikistan (2005)

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Arms Trade

Arms Procurement and Security Assistance Received

Country	Type	Details
Georgia	• Assistance	Nuclear technicians, upgrading of Su-25 aircraft (2003) (unauthorized by government)
Hungary	• Cooperation in arms production	CW dual-use technology (2002)
India	• Assistance	experts for upgrading of T-72 MBTs, MiG-29 aircraft (2003)
Israel	• Facility upgrade • Arms transfers	Upgrading of naval bases (2005) M-113 APC parts (2002) (unauthorized by government)
Italy	• Assistance	cooperation in satellite launch (2003)
Latvia	• Arms transfers	Anti aircraft systems, night vision systems (2003)
North Korea	• Arms transfers	SSM technology (2003) , possible cooperation in production of Uranium (2003), PBs (2003)
PRC	• Arms transfers • Foreign advisers • Cooperation in R&D and arms production	FL-10 ASCMs (2002) , China cat MFPBs (2002) , HQ-7 SAM (2002) Nuclear technicians (2003) TL-6 and TL-10 ASCMs (2005)
Russia	• Arms transfers	T-72S tank production under license (2002) , Tu-334 transport aircraft (2004) , Mi-171 helicopters (2002) , EW systems (2002) , Su-25 aircraft (2003) , laser-guided artillery (2003) Zohreh satellite (2005)
Ukraine	• Assistance • Arms transfers	Nuclear technicians in Bushehr (2002) An-140 transport aircraft (2004), Kh-55 ALCMs (2005)
UK	• Arms transfers	Night vision equipment (2003)
USA	• Arms transfers	Spare parts for American-made aircraft (unauthorized by government)

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Arms Sales and Security Assistance Extended

Country	Type	Details
Iraq	• Assistance	Financial support for the Mahadi Army (2004)
Lebanon	• Arms transfers	Hizbullah militia: artillery, MRLs (2003) , ATGMs, Strela SAMs, Muhajer UAV (2004)
	• Assistance	\$100 million annual grant to Hizbullah militia (2002)
	• Military training	Some IRGC instructors with Hizbullah militia in Syrian-held Beka' (2002)
Libya	• Military training	Training of SSM forces (2002)
North Korea	• Cooperation in arms production, R&D	Alleged transfer of Kh-55 ALCM technology (2005)
Palestinians	• Assistance	\$20 million annually for Hamas (2005)
PRC	• Arms transfers	Imaging camera for SMMS satellite (2003)
Sudan	• Arms transfers	APCs (2002)
Sri Lanka	• Arms transfers	SAMs (2005), PBs (2005)
Syria	• Cooperation in arms production, R&D	Joint development of Scud C SSMs (2002), alleged cooperation in CW production (2002)

Defense Production

	M	P	A
Weapons of mass destruction			
• Assembly and production of Scud C, Shehab-2, Shehab 3, Shehab 4, and Kosar SSMs (with China, North Korea, Russia and possibly also Pakistan)	✓		✓
• Fateh-110 and Tondar-69 Solid-fuel SSM	✓		
• Chemical agents (Mustard, Sarin, Soman, Tabun, VX)	✓		
Army equipment			
• Production of Russian T-72S tanks		✓	
• Zulfikar and Towsan tanks	✓	✓	
• Upgrading of T-55 tanks to Iranian model Type 72Z	✓		
• Upgrading of T-54 tanks to Iranian model Safir-74	✓		
• Boragh, Cobra, Sayyad and BMT-2 APCs	✓		
• Upgraded Chieftain MBTs	✓		
• Upgraded BTR-60 APCs	✓		
• Fajer, Falaq, Nazeat, Shahin and Zelzal rockets	✓		
• 122, 160, and 240mm MRLs	✓		
• 122mm Thunder-1(HM51) and 155mm Thunder-2 (HM44) SP guns	✓	✓	
• 122mm (HM40) and 155mm (HM41) towed guns			
• 81, 120, 130 and 320mm mortars and artillery ammunition	✓		

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	M	P	A
<ul style="list-style-type: none"> • Raad (AT-3), Thunder , Towsan (AT-5), Toophan (TOW) and Saeghe (Dragon) ATGMs • Badr-400 and Timaz AFV transporters • RPG-7, Nafez and Saegheh ATRLs • ERA protection for various tanks • Gas masks • Spare parts, trucks 	✓		
Air Force equipment			
<ul style="list-style-type: none"> • Shafagh attack aircraft • Azarakhsh and Owaz fighter aircraft • Tazarve training aircraft • An-140 and An-74 transport aircraft • 2061 and 2091 attack helicopters • Shhbaviz 275, Shahed 5, Shahed 274 , Shahed 278 helicopters • Fajr-3 and Parasto training aircraft • Ababil, Tallash, Saeqeh and Muhajer UAVs • Upgrading of F-4, F-5 and F-14 aircraft • Upgrading of AB-206 helicopters with TOW/ Toophan ATGMs • Conversion of HAWK and Standard missiles to be carried on aircraft • ZU-23mm anti-aircraft guns • Misagh-1, Saeqeh, Sayyad-1 and Shahab Thaqeb SAMs • Reverse engineering of Crotale and Rapier SAMs • Kosar (FL-8), Fajr-y-Darya (C-701), Nasr (FL-9) ASCMs • Laser-guided missiles • ARM missiles • Xh-55 ALCMs • Qadr, Zoobin TV-guided missiles • Tolloue mini jet engines • Spare parts for aircraft 	✓	✓	✓
Electronics			
<ul style="list-style-type: none"> • FCS for T-72 MBTs • Radio transceivers (copy of US models) • Training simulators for aircraft and MBTs • Hasib radar • Basir-110 AD radar • HMS-100/200/400/500 EO surveillance systems • Imaging camera for satellites • Laser detector • Night vision systems 	✓		
Naval equipment			
<ul style="list-style-type: none"> • Mowj destroyer, Sina-1 Frigates • Ashura, Paykan, Tareq, Zulfaqar patrol craft • MIG-S-1800, MIG-S-1900 and MIG-S-2600 patrol crafts 	✓		

Iran

	M	P	A
• MIG-S-3700 LCU (Foque class)	✓		
• Sabehat-15 and Ghadir midget submarines	✓		
• Tondar, Noor (C-802), Raad (HY-2) SSMs		✓	
• Upgrading of Standard missiles to naval SAMs	✓		
• Hendijan auxiliary vessels	✓		
Space			
• Telecommunication satellite under development, to be launched with Russian cooperation	✓		

Note: M – manufacture (indigenously developed)

P – production under license

A – assembly

Note: Some of the weapons systems may be copies of foreign types and not indigenously developed. In addition, some may be only prototypes, which were displayed for propaganda purposes and are not in production.

Iran

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. Recently agreed to sign the IAEA Additional Protocol.

Chemical weapons and protective equipment

Iran admitted in 1999 that 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	6	~20	
• CSS-8	16		
Total	~40		
Future procurement			
• Shehab 3B			Under development. Includes new RV
• Fateh-110			Under development
• Shehab-4/Kosar			Under development

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Space Assets

Name	Type	Notes
Satellites		
• Sina-1	Remote sensing	170 kg satellite with 50m resolution camera for earth observation.
Ground station		
• IRSC	Remote sensing	Multi spectral remote sensing
Future procurement		
• Safir 313	Research	Micro satellite which was expected to be indigenously launched.
• Mesbah	Research	65 Kg satellite To be launched in 2006 in cooperation with Italy
• SMMS	Remote sensing	Multi-Mission satellite to be launched in 2006 in cooperation with China and Thailand.
• Zohreh	Communication	Russian communication satellite to be launched in 2007.

Iran

Armed Forces

Order-of-Battle

Year	2001	2002	2003	2004	2005
General data					
• Personnel (regular)	~520,000	~520,000	~520,000	~520,000	~520,000
• SSM launchers	~40	~40	~40	~40	~40
Ground Forces					
• Divisions	32	32	32	32	32
• Total number of brigades	87	87	87	87	87
• Tanks	~1,700	~1,700	~1,700	~1,700	~1,620
• APCs/AFVs	~1,570	~1,570	~1,570	~1,570	~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	209 (337)	207 (335)	207 (342)	203 (341)	203 (341)
• Transport aircraft	105 (123)	105 (124)	105 (134)	105 (134)	80 (114)*
• Helicopters	325 (560)	345 (580)	365 (600)	365 (600)	340 (570)*
Air Defense Forces					
• Heavy SAM batteries	29	29	29	29	29
• Medium SAM batteries	+	+	+	+	+
• Light SAM launchers	95	95	95	95	95
Navy					
• Submarines	3	3	3	3	3
• Combat vessels	29	29	29	56	56
• Patrol craft	~110	~110	~110	~160	~160

* Due to change in estimate.

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Personnel			
	Regular	Reserves	Total
Ground Forces	~350,000	350,000	~700,000
Air Force	18,000		18,000
Air Defense	12,000		12,000
Navy	~18,000		~18,000
IRGC – Ground Forces	100,000		100,000
IRGC – Navy	20,000		20,000
Total	~520,000	350,000	870,000
Paramilitary			
• Baseej		2,000,000	2,000,000

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Ground Forces

Formations

	Corps / armies	Divisions	Independent brigades / groups	Brigades in divisions
All arms	4			
Armored		4	1	3 armd., 1 mech., 1 aty. each
Mechanized/ Infantry		6	1	4 inf., 1 aty. each
Airborne			1	
Special forces		2	5	3 commando each
Artillery			6	
Total	4	12	14	

IRGC Formations

	Divisions	Independent brigades / groups	Brigades in divisions
Armored	4		
Mechanized/ Infantry	16		
Special forces		3	
Artillery		6	
SSM		1-2	
Total	20	10-11	

Note: The IRGC has possibly reorganized as 26 divisions without independent brigades. IRGC divisions are smaller in size than army divisions, sometimes equivalent to the strength of one brigade.

Iran

Tanks				
Model	Quantity	In service	Since	Notes
MBTs				
High quality				
• T-72 S/M1	422	422	1990	Indigenously assembled tanks. Based on estimated production rate of 20 per year
• Zulfikar	~100	~100	1996	
Subtotal	~520	~520		
Medium and low quality				
• Chieftain MK 3/ MK 5	~100	~ 100	1973	Type 69/Type 59/ Type 72Z/Safir 74
• T-62	50	50	1982	
• T-55 and derivatives	~550	~550	1985/ 1996	
• M60 A1	150	150	1972	
• M48/M47	150	150	1958	
Subtotal	~1,000	~1,000		
Light tanks				
• Scorpion	~80	~80	1977	
• Towsan	+	+	1998	
Subtotal	~100	~100		
Total	~1,620	~1,620		
Future procurement				
• Zulfikar				Being produced locally
• T-72S	578			578 out of 1000 kits not yet supplied

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APCs/AFVs

Model	Quantity	In service	Since	Notes
APCs				
• M113	200	200	1968	Based on estimated production rate of 20 per year
• Boragh	140	140	1996	
• BTR-50/60	300	300	1967	
• MT-LB	+	+		
Subtotal	~650	~650		
IFVs				
• BMP-1	300	300	1977	Indigenously assembled
• BMP-2	413	413	1991	
Subtotal	713	713		
Reconnaissance				
• Engesa EE-9 Cascavel	35	35	1982	
Total	~1,400	~1,400		
Future procurement				
• BMP-2	1,087		1995	1,087 out of 1,500 kits not yet supplied

Artillery

Model	Quantity	In service	Since	Notes
Self-propelled guns and howitzers				
• 203mm M110	~30	~30	1976	
• 175mm/170mm Koksan M-1978	~20	~20	1994	
• 175mm M107	25	25	1975	
• 155mm M109	440	~150	1978	
• 155mm Thunder/Raad 2	+	+	1998	Indigenously developed
• 122mm Thunder/Raad 1	+	+	1998	
• 122mm 2S1	60	~50	1993	Indigenously developed
Subtotal	~600	~300		
Towed guns and howitzers				
• 203mm (8") M-115	30	~30	1974	
• 155mm G-5	30	30	1989	
• 155mm GHN-45	100	100	1988	

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• 155mm M114	~100	~100	1970
• 152mm (PRC)	30	30	
• 130mm M-46/ Type 59	~800	~800	1973
• 122mm D-30	~500	~500	1982
• 122mm Type 54/60	~100	~100	1990
• 105mm M101	~200	~200	1966
Subtotal	~1,900	~1,900	
Mortars, over			
160mm			
• 320 mm	+	+	
Mortars, under			
160mm			
• 120mm M-65	+	+	1980
• 107mm (4.2") M-30	+	+	1981
MRLs			
• 240mm Fajr-3	+	+	1994
• 230mm Oghab	+	+	1987
• 122mm BM-21	~100	~100	1978
• 122mm Hadid/ Azrash/Nur	50	50	1994
• 107mm Type 63	100	100	1986
Subtotal	~250	~250	
Rockets			
• 610mm Zelzal-2	+	+	1998
• 355mm Nazeat	+	+	1988
• 333mm Fajr-5	+	+	1998
• 333mm Shahin 2	+	+	1989
Total	~ 3,000	~ 2,700	

Logistic and Engineering Equipment

Pontoon bridges, light infantry assault boats, self-propelled pontoons, AFV transporters (several hundred)

Precision-Guided Munitions

AT-11 (Spandrel), AT-4 (Spigot), AT-3 (Sagger), BGM-71A TOW, SS-11/SS-12, Towsan, Toophan, Raad, Krasnopol-M

Iran

Air Force

Order-of-Battle

Category	Quantity	In service	Notes
Combat	341	203	
Transport	114	~80	
Helicopters	570	~340	

Note: all figures include aircraft with army and navy aviation.

Combat Aircraft

Model	Quantity	In service	Since	Notes
Interceptors				
• F-14A Tomcat	59	20	1972	
• MiG-29	35	35	1990	
Subtotal	94	55		
Multi-role				
• F-4 D/E/RF Phantom	69	39	1968	
• Mirage F1-E	22	10	1991	
Subtotal	91	49		
Ground attack				
• Su-24	23	23	1991	
• Su-25	7	+		Upgraded aircraft, possibly transferred in 1991 from Iraq
• Azarakhsh	6	6	2000	Indigenously developed; low production rate
Subtotal	36	~30		
Obsolete				
• F-7	60	24	1987	
• F-5 A/B/E	60	45	1974	
Subtotal	120	69		
Total	341	203		
Future procurement				
• Azarakhsh	30		2003	Indigenously developed
• Su-27				Negotiations with Russia

Iran

Transport Aircraft

Model	Quantity	In service	Since	Notes
• Iran-140	1	1	2000	Low production rate
• IL-76MD	12	+	1990	Some in service
• Y-7	2	2	2004	Being delivered
• Y-12	9	9	2000	
• An-74	12	12	1999	
• C-130 E/H Hercules	46	22	1970	
				Including 2-3 in electronic surveillance role
• Boeing 747	5	5	1976	Including Boeing 707s in electronic surveillance/ECM/ECCM role
• Boeing 707 and KC-707 tanker	3	3	1973	
• Aero Commander 690	3	3	1978	Employed in maritime surveillance role
• Dornier Do-228	4	4		
• Fokker F-27 400M/600	14	14	1972	4 are employed in maritime patrol missions
• Mystère-Falcon 20	2	2	1991	
• Jetstar	1	1		
Total	114	~80		
Future procurement				
• Y-7	14		2006	
• Iran-140	45			

Iran

Training and Liaison Aircraft

Model	Quantity	In service	Since	Notes
Jet trainers				
• Dorneh	3	3	1999	Indigenously developed; low production rate
• T-33	9	9	1968	
Subtotal	12	12		
Piston/ Turbo-prop				
• Beechcraft Bonanza F-33	~25	~25	1974	
• Cessna 185/180/150	10	10	1978	
• Embraer EMB-312 (Tucano)	23	23	1989	
• Mushshak (PAC Mushshak)	25	25	1991	
• Socata TB 21/ TB 200 (Trinidad/ Tobago)	12	12	1996	
• Parastu	12	12	1997	Indigenously developed; low production rate
• Pilatus PC-7 Turbo-trainer	45	45	1983	
• Pilatus PC-6	15	15	1982	
Subtotal	167	167		
Total	179	179		
Future procurement				
• Dorneh	25		2005	Indigenously developed; low production rate
• Parastu			2001	Indigenously developed; low production rate

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Helicopters				
Model	Quantity	In service	Since	Notes
Attack helicopters				
• AH-1J Cobra/ Shabaviz 2091	100	70	1974	
• AB-206 Jetranger /Shabaviz 206-1	90	40	1969	Possibly armed
Subtotal	190	110		
Naval combat				
• SH-3D	3	3	1977	
• RH-53D/SH-53D	~25	10	1976	
• AB-212/Shaviz 2-75	10	10	1971	
Subtotal	~ 40	23		
Heavy transport				
• CH-47C Chinook	25	25	1973	
Medium transport				
• AB-214A	~200	~70	1974	
• AB-205	50	50	1969	
• Mi-171(Sh)	45	45	2000	Some are armed
• SA-330/IAR-330 Puma	+	+		
• AS-61	2	2	1978	
Subtotal	~300	~170		
Light transport				
• IAR-316	12	12	1994	
• IAR-317	+	+		
Subtotal	~12	~12		
Total	~570	~ 340		
Future procurement				
• Shahed-274	20			
• Shbaviz 2-75/ Shahed 5				Production of 2-4 helicopters annually
• Shbaviz 206-1				Production of 2-4 helicopters annually

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Miscellaneous Aircraft

Model	Quantity	In service	Since	Notes
Maritime surveillance				
• Dornier DO-228	4	4		Also listed under Transport Aircraft
• P-3 Orion	5	2	1974	
• RC-130	3	3		Also listed under Transport Aircraft
• Fokker F-27 400M/600	4	4		Also listed under Transport Aircraft
Target drones				
• Tallah I/II	+	+	1996	
• Saeqeh I/II	+	+	1996	
UAVs				
• Ababil-S	★	★	1999	
• Ababil-T	★	★	1999	
• Mohajer III (Dorne)	+	+	1997	
• Mohajer IV (Hodhod)	+	+	2002	

Advanced Armament

Air-to-air-missiles

AA-10 (Alamo), AA-11 (Archer), AIM-54A Phoenix (280), AIM-9L Sidewinder (1,270), AIM-7 Sparrow (430), PL-2 (540), PL-7 (360)

Air-to-ground-missiles

AGM-65 Maverick, AS 10 (Karen), AS-12, C-801K, Fajr e-Darya (C-701), FL-10 , Towsan, Toophan

Future procurement

AA-11 (Archer AAM), AA-12

Note: Number in parentheses refers to quantity of missiles purchased, not current inventory levels.

Air Force Infrastructure

Aircraft shelters

In all operational airfields

Military airfields **13**

Bandar Abbas, Birjand, Bushehr, Ghaleh-Marghi, Isfahan, Kerman, Kharg Island, Mehrabad, Mashhad, Qeshm, Shiraz, Tabriz, Tehran

Iran

Air Defense Forces

Surface-to-Air Missiles

Model	Batteries	Launchers	Since	Notes
Heavy missiles				
• HAWK/MIM-23B Improved HAWK	~15		1964	May be under control of IRGC
• SA-2 (Guideline) / HQ-2J	~10		1986	
• SA-5 (Gammon)	4		1995	
Total	~30			
Medium missiles				
• SA-6 (Gainful)	+		1974	
Light missiles				
• Shahab Thaqeb		+	2000	Part of Skyguard ADS To be upgraded
• Rapier		30	1971	
• RBS-70		50	1984	
• Tigercat		15	1968	
Total		95		
Shoulder-launched missiles				
• Igla (SA-16)		325	2000	Total 700 being delivered With IRGC
• FIM-92A Stinger		+	1987	
• SA-7 (Grail) /HN-5A /SA-14		+	1974	
Future procurement				
• Tor-M1 (SA-15)	30			Being delivered Under negotiation
• Igla (SA-16)		700	2000	
• S-300 PMU				

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Other Air Defense Systems

Model	Quantity	In service	Since	Notes
Air defense systems (missiles, radars and guns)				
• Skyguard ADS	24	24		Including 35mm guns and missiles
Short-range guns				
• 57mm ZSU 57x2 SP	100	100	1974	
• 57mm S-60	50	50	1966	
• 40mm L-70	95	95		
• 40mm M1	20	20	1968	
• 35mm GDF	100	100		Part of Skyguard
• 23mm ZSU 23x4 SP (Gun Dish)	75	75	1974	
• 23mm ZU 23x2	500	500	1977	
Total	940	940		
Radars				
• JY-14	+	+	1998	
• AR-3D	+	+		

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Navy

Submarines

Type	Quantity	Length (m.)/ displacement (t.)	Notes / armament
• Kilo class (Type 877)	3	73.8/3,076	6x533 torpedoes 24 mines

Combat Vessels

Type	Quantity	Length (m.)/ displacement (t.)	Notes / armament
Missile frigates			
• Alvand class (Vosper Mk 5)	3	94.5/1,100	4xC-802 SSM/ 1xSeakiller II SSM 1xMK-10 ASW mortar 1x114mm gun 2x35mm guns 3x20mm guns
MFPBs			
• Kaman class (Combattante II)	10	47.0/249	4xC-802/Harpoon SSMs Standard SAMs 1x76mm gun 1x40mm gun 4 nonoperational
• Thondor class (Houdong)	10	36.6/171	4xC-802 SSMs 2x30mm guns
• China cat class	6	23.1/19.0	8xC-701/FL-10 SSMs 2x25mm guns
Subtotal	26		
Gun corvettes			
• Bayandor class (PF-103)	2	84/900	2x76mm guns 2x40mm guns 2x20mm guns
Light torpedo boats			
• Tir class	10	20.0/30	2x torpedos
• Peykaap class	10	15.0/7	Lightwehigt torpedos
• Teedong B	2	12.8 m	Semisubmersible fast attack vessel
• Teedong C	3	12.8 m	Semisubmersible fast attack vessel
Subtotal	25		
Total	56		

Iran

Future procurement

• Sina I			Under construction – based on "Combatante"
• Mowaj corvettes		1200 t.	Under construction in Bandar Abbas
• China cat	4		Total order of 10

Patrol Craft

Type	Quantity	Length (m.)/ displacement (t.)	Notes / armament
• Parvin class (PGM-71)	3	30.8/98	4 depth charges 1x40mm gun 2x20mm guns 2x12.7mm MGs
• Kaivan (Cape) class	2	28.9/148	1x40mm gun 2x23mm guns 2x12.7mm MGs
• MIG-S-2600	6	26.2/85	1x107mm MRL 2x23mm guns
• PBI (Peterson)	30	15.2/20.1	1xTigercat SSM 2x12.7mm MGs
• US Mk II	6	15.2/22.9	2x12.7mm MGs
• US Mk III	9	19.8/41.6	1x20mm gun 1x12.7mm MG
• MIG-S-1800	20	18.7/60	1x20mm gun 1x12.7mm MG
• MIG-G-1900	10	19.5/30	2x23mm guns
• Boghammar	30	13 /6.4	1x107mm MRL 1x106mm RCL 3x12.7mm MGs RPG 7
• MIG-G-0800 (Boston Whaler craft type 1)	20	6.7/1.3	1x107mm MRL 1x12.7mm MG
• MIG-G-0900	20	9.2/3.5	3x12.7mm MGs RPG 1x107mm MRL
• Various other small craft	+	5 - 7 m	Some with 12.7mm MGs
Total	~160		

Iran

Landing Craft

Type	Quantity	Length (m.)/ displacement (t.)	Notes / armament
• Wellington class hovercraft (BH-7)	6	23.9/53.6	
• Hengam class	4	93/2,540	Up to 9 tanks or 227 troops 4x40mm guns 8x23mm guns 2x12.7mm MGs
• Iran Hormuz 24 class	3	73.1/2,014	9 tanks or 140 troops
• Iran Hormuz 21 class	3	65/1,280	600 ton
• Fouque class (MIG-S-3700)	3	37/276	140 ton
Total	19		

Auxiliary Vessels

Type	Quantity	Length (m.)/ displacement (t.)	Notes / armament
• Delvar class support ship	7	64/890	765 dwt 2x23mm guns
• Bandar Abbas - Luh-ring Yard supply ship	2	108/4,673	3,250 dwt 1 AB 212 helicopter 3x20mm guns
• Kangan class water tanker (Mazagon)	4	148/12,000	9,430 dwt 2x23mm guns
• Swan Hunter replenishment ship	1	207.2/33,014	9,367 dwt 3 Seaking helicopter 1x76mm gun
• Hendijan class (MIG-S-4700)	12	50.8/460	40 ton on deck and 95m ³ liquid
• MSC 292 and MSC 268 class	1	44.5/384	Former acoustic and magnetic sweep used as diving tenders
• Kialas-C-Qasam	2	65 t.	Training vessels
• Damen 1550	10	16/25	

Iran

Special Maritime Forces

Type	Quantity	Length (m.)/ displacement (t.)	Notes/armament
• Sabehat 15	1	8	Swimmer Delivery Vehicle, serviceability unknown Midget submarines
• Ghadir	3		

Coastal Defense

Type	Batteries	Missiles	Notes
• HY-2 (Silkworm)	5	300	Alleged; probably non-existent
• C-801/ 802	15 - 25	~100	
• SS-N-22 (Sunburn)	1		
Total	25-30	400	

Naval Infrastructure

Naval bases	9
Bandar Abbas, Bandar Anzelli, Bandar Khomeini, Bandar Lengeh, Bushehr, Chahbahar, Farsi Island, Jask, Kharg Island	
IRGC naval bases	10
Abadan oil terminal, Abu Musa Island, al-Fayisiyah Island, Cyrus oilfield, Halul Island platform (unconfirmed), Larak Island, Qeshm Island, Rostam Island oilfield, Sir Abu Nuair, Sirri Island	
Ship maintenance and repair facilities	1
MAN Nordhaman 28,000-ton floating dock	

Iran

Major Non-Governmental Paramilitary Forces

Pro-government organizations

Personnel

	Active
• Ismael Khan (Afghans)	1,000-2,000
• Kurdish Workers Party (PKK)	800
• Supreme Council for Islamic Revolution in Iraq (SCIRI)	15,000

Anti-government organizations

Personnel

	Active
• Democratic Party of Iranian Kurdistan (DPIK)	10,000