

Turkey

19. TURKEY

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Major Changes

- A new order shortened the mandatory conscription into the Turkish armed forces. This order eliminated some 73,000 active duty soldiers.
 - The Turkish air force received its first two Airbus A400 transport aircraft – out of 10 ordered, after long delays.
 - The Turkish navy commissioned its second Milgem project ASW corvette – the Buyukada. The navy also received its 5th CN-235 maritime patrol aircraft.
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General Data

Official Name of the State: Republic of Turkey

Head of State: President Recep Tayyip Erdoğan

Prime Minister: Ahmet Davutoğlu

Minister of National Defense: Mehmet Veçdi Gonul

Chief of General Staff: General Hulusi Akar

Commander of the Ground Forces: General Salih Zeki Çolak

Commander of the Air Force: General Abidin Ünal

Commander of the Navy: Admiral Bulent Bostanoglu

Area: 780,580 sq. km.

Population: 73,300,000

Foreign Military Cooperation

| Type | Details |
|-------------------|---|
| • Military forces | Afghanistan (1,800 troops in ISAF) , Cyprus (35,000 |

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| Type | Details |
|---|--|
| deployed abroad | troops), northern Iraq (1,000 troops), Israel (TIPH), Lebanon (UNIFIL), Somalia (CTF-151) |
| <ul style="list-style-type: none"> Foreign forces Joint maneuvers | 1,985 US troops (as of September, 2014), 400 German troops, 350 Dutch troops. China (2010), Egypt (2011), India (2011), Jordan (2010), Pakistan (2012), Syria (2010), UAE (2010), US (2012); Spain, USA, Germany (2013), USA, Pakistan, UK, Canada, Spain, Germany (2014), Romania, Bulgaria, Ukraine, Italy, Azerbaijan, Georgia, Germany (2013) |
| <ul style="list-style-type: none"> Security agreements | Bosnia (2003), Chile (2004), Croatia (2001), France, Georgia (2001), Kazakhstan (2000), Kuwait (2009), Latvia, Mauritania (2005), Oman (2001), Pakistan (2003), Saudi Arabia (2010), Syria (2009), Somlia (2012) |

Arms Trade

Arms Procurement and Security Assistance Received

| Country | Type | Details |
|--------------|--|--|
| EU | <ul style="list-style-type: none"> Cooperation in arms production | Participation in the A400M transport aircraft program (2011) |
| France | <ul style="list-style-type: none"> Arms transfers | AMASCOS Naval C ³ I system (2012) |
| Germany | <ul style="list-style-type: none"> Arms transfers | Leopard 2A4 MBTs (2009), Type 214 submarines (2009), Leguan AVLBs (2009) |
| Israel | <ul style="list-style-type: none"> Arms transfers Cooperation in arms production | Heron UAVs (2012), Dominator UAV (leased 2010), Awacs equipment (2013), upgrading of M60 tanks (2009), Kirpi MRAP (2010) |
| Italy | <ul style="list-style-type: none"> Arms transfers Cooperation in arms production | ATR-72 ASW aircraft (2011), Gokturk satellite (2009), Sirio-class OPVs (2009), T129 Mangusta (2011), C-27J (2010) |
| Japan | <ul style="list-style-type: none"> Arms transfers | TurkSat 4A/B (2011) |
| Saudi Arabia | <ul style="list-style-type: none"> Arms transfers | C-130E aircraft (2011) |
| South Korea | <ul style="list-style-type: none"> Cooperation in arms production | KT-1 aircraft (2010), XK-2 MBTs (2008), KF-X (2010) |
| US | <ul style="list-style-type: none"> Arms transfers | F-16 C/D aircraft (2009), S-70B Seahawk helicopters (2012), Boeing 737 AEW aircraft (2012), upgrading of F-16 aircraft (2010), ALQ-211 AIDEWS EW systems (2009), CH-47F Chinook helicopters (2011), AAQ-33 Sniper pods (2010), AH-1W Cobra helicopters (2012), AAQ-13 LANTIRN ER pods (2010), upgrading of |

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| Country | Type | Details |
|---------|--|--|
| | <ul style="list-style-type: none"> • Cooperation in arms production | KC-135 tankers (2010), Patriot PAC-3 (2010), F-35 JSF (2012), Bell 429 helicopters (2012), King Air 350 ISR aircraft (2012) T-70 Blackhawk Helicopters (2014) |

Arms Sales and Security Assistance Extended

| Country | Type | Details |
|--------------|---|---|
| Afghanistan | <ul style="list-style-type: none"> • Military training | Instructors in country (2010), Training of Afghan cadets in Turkey (2010) |
| Azerbaijan | <ul style="list-style-type: none"> • Arms transfers | TR-107, TR-122 MRLs (2011), Turna UAVs (2010) Cobra APCs (2011), 155mm Firtina SP guns (2012) |
| Bahrain | <ul style="list-style-type: none"> • Arms transfers | Cobra APCs (2010), Arma APCs (2011) |
| Bangladesh | <ul style="list-style-type: none"> • Arms transfers | Cobra APCs (2010) |
| Egypt | <ul style="list-style-type: none"> • Arms transfers | M RTP-20 BPs (2011) |
| Germany | <ul style="list-style-type: none"> • Facilities | Positioning of 2 Patriot PAC-3 batteries on the Turkish border (2012) |
| Georgia | <ul style="list-style-type: none"> • Arms transfers | Ejder APCs (2009), MRTP-33 PBs (2009) |
| Kazakhstan | <ul style="list-style-type: none"> • Cooperation in arms production | Aselflir (2011), Cobra APCs (2012) |
| Krg | <ul style="list-style-type: none"> • Military training | Training the Peshmerga forces (2014) |
| Malaysia | <ul style="list-style-type: none"> • Arms transfers | Pars APCs (2011), MRTP-16 PBs (2011) |
| NATO | <ul style="list-style-type: none"> • Facilities | HQ LANDSOUTHEAST, HQ 6 ATAF |
| Netherlands | <ul style="list-style-type: none"> • Arms transfers • Facilities | Mounted Stinger SAMs (2009) Positioning of 2 Patriot PAC-2 batteries on the Turkish border (2012) |
| PA | <ul style="list-style-type: none"> • Military training | Training Hamas Internal Security forces (2010) |
| Pakistan | <ul style="list-style-type: none"> • Arms transfers | Upgrading of F-16 aircraft (2010), Kaan-33 and Kaan-15 PBs (2011), Aiding the construction of a tanker (2013) |
| Philippines | <ul style="list-style-type: none"> • Military training • Arms transfers | Pilots training in Turkey (2012) ACV APCs (2010) |
| Qatar | <ul style="list-style-type: none"> • Arms transfers | Gozcu UAVs (2011), Bayraktar UAVs (2012) |
| Romania | <ul style="list-style-type: none"> • Arms transfers | SNR-17 patrol boats (2010) |
| Saudi Arabia | <ul style="list-style-type: none"> • Arms transfers | Upgrading of M113 APCs (2011) |
| Slovenia | <ul style="list-style-type: none"> • Arms transfers | Cobra APCs (2009) |
| Somailia | <ul style="list-style-type: none"> • Military training | train Somali soldiers and build military bases (2012) |
| South Korea | <ul style="list-style-type: none"> • Arms transfers | EW training range (2012) |
| Syria | <ul style="list-style-type: none"> • Military training | Military taining of Syrian rebels (2014) |
| Turkmenistan | <ul style="list-style-type: none"> • Arms transfers | NTPBs (2012) |

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| Country | Type | Details |
|---------|--|---|
| UAE | <ul style="list-style-type: none"> • Arms transfers | TR-122 MRLs (2009), MRTP-16 PBs (2011), Pars APCs (2011) , Patriot PAC-3 (2011) |
| US | <ul style="list-style-type: none"> • Cooperation in arms production • Facilities | Participation in JSF program (2009) Use of air bases in Incirlik and Konya, Positioning of TPY-2 radar (2011), Positioning of 2 Patriot PAC-2 batteries on the Turkish border (2012) |

Defense Production

| | M | P | A |
|--|---|---|---|
| Weapons of mass destruction | | | |
| • Chinese WS-1 rockets | | √ | |
| • NBC protection suites | √ | | |
| Army equipment | | | |
| • 107mm, 122mm and 300mm Kasirga MRLs | √ | √ | |
| • 120mm SP mortars | √ | | |
| • 155mm Panter (towed) and 155mm Firtina SP guns | √ | | |
| • 25mm guns | | | √ |
| • Akrep, Cobra, Dragon, Ejder, Kaya, Land Rover, Pars, and Otokar APC armored vehicles | √ | | |
| • Altay (XK-2) MBTs | | √ | |
| • Dalkilic, Peri, Talos UGV | √ | | |
| • FNSS ACVs and AIFVs | √ | | |
| • Hellfire ATGM mounted on ACVs | √ | √ | |
| • J-600T Yildirim artillery rockets | √ | √ | |
| • Kirpi MRAP | | √ | |
| • National HET tank transporters | | √ | |
| • OTMAS, UTMAS ATGMs | √ | √ | |
| • PARS AAB and AZMIM AECV vehicles | √ | | |
| • Piranha II and Fennek AFVs | | | √ |
| • Toros 230mm and 260mm MRLs | √ | √ | |
| • Transforming of M48T5 into ARV and AEV vehicles | √ | √ | |
| • Trucks and wheeled tactical vehicles | √ | | |
| • Upgrade of 105mm and 155mm SP guns | √ | | |
| • Upgrading of Leopard-1/ 2 and M60 MBTs | √ | | √ |
| Air Force equipment | | | |
| • 35mm Oerlikon SPAAGs | √ | √ | |
| • Aeroseeker, Bayraktar, Caldiran, Karayel, Malazgirt, Mosquito, Turna, and X2 UAVs | √ | | |
| • Anka UAVs | √ | | |
| • Bora, Atiligan and Zipkin, LALADMIS air defense systems | √ | √ | |
| • Cirit laser-guided rockets | √ | | |

Turkey

| | M | P | A |
|--|---|---|---|
| • CN-235 light transport aircraft | | √ | |
| • Cougar helicopters | | √ | |
| • F-16 aircraft | | √ | |
| • Fight simulators for AS-532, CN-235, F-16, F-4, KT-1T, S-70 aircraft | √ | √ | |
| • Global Observer | | | √ |
| • HGK, GGB GPS-guided bombs | √ | | |
| • Jet engines | | √ | |
| • Modification of S-2E, CN-235, and ATR-72 maritime patrol aircraft | | √ | |
| • NEB Laser-guided penetration bomb | √ | | |
| • Participation in production of MD Explorer helicopter | | √ | |
| • Participation in production of PAC-3 SAMs for the UAE | | √ | |
| • Participation in the production of A-400M and F-35 JSF aircraft | | √ | |
| • Paveway II Laser-guided bombs | | √ | |
| • Popeye AGM missiles | | √ | |
| • Production of fuselage for AB 139 helicopter | | √ | |
| • Rapier surface-to-air missiles | | √ | √ |
| • SF-260D, KT-1 and Hurkus basic trainers | | √ | |
| • SOM ALCM | √ | | |
| • T-70 | √ | | |
| • T129 Mangusta attack helicopters | | √ | |
| • Upgrading of C-130 aircraft | | √ | |
| • Upgrading of F-16 , F-4E and F-5 aircraft | | | √ |
| • Upgrading of T-38 training aircraft | √ | | |
| Naval equipment | | | |
| • Atilay class submarines | | | √ |
| • Berk class missile frigates | | | √ |
| • Gur class submarines | | √ | |
| • Kilic-2 class MFPBs | | √ | |
| • LCT, LST, LPD | √ | | |
| • MHV 55 Minehunters | | √ | |
| • Milgem, TF-2000 corvettes | √ | | |
| • Osman Gazi landing craft | | | √ |
| • Sea Sentor SSTD anti-torpedo defense system | | √ | |
| • Ship Logisite | √ | | |
| • Sirio class OPVs | | √ | |
| • Torpedoes | √ | | |
| • Towing vessels (RATSHIP), submarine rescues ship (MOSHIP) | √ | | |
| • Type 214 submarines | | √ | |
| • Yildiz class and Dogan class MFPBs | | | √ |
| • Yonca, Dearsan PBs | √ | | |

Turkey

| | M | P | A |
|--|---|---|---|
| Electronics | | | |
| • ADOP, BAIKS, Volkan fire-control systems | √ | | |
| • ADR, D-IX, Kalkan 3D, P-STAR, and TRS-22XX air surveillance radars | √ | √ | |
| • Aerial mission control computer | √ | | |
| • ALQ-178 (V) EW systems for F-4s and F-16s | | √ | |
| • ARS-2000 Ground surveillance radars | √ | | |
| • AselFLIR-200/300 thermal imaging systems | √ | | |
| • Aselpod Targeting pod | √ | | |
| • C ³ I systems | | √ | |
| • ECM systems for helicopters | | √ | |
| • EW training range | √ | | |
| • HF/SSB radios | | √ | |
| • JAMINT airborne jamming system | √ | | |
| • Land-based and naval EW sets | √ | | |
| • MARS V observation and surveillance system | √ | | |
| • Navigation systems | √ | | |
| • Sonar systems | √ | | |
| • SyAR SAR system for UAVs | √ | | |
| • Tactical communication systems | √ | √ | |
| Optronics | | | |
| • Laser range-finders | √ | | |
| • Night-vision equipment | √ | √ | |
| • Optical targeting devices/ FLIR | | √ | |
| Satellites | | | |
| • BILSAT remote sensing satellite | √ | | |
| • ITUpSAT research satellite | √ | | |
| • RASAT remote sensing satellite | √ | | |
| • TURKSAT civilian communication satellite | √ | | |

Note: M - manufacture (indigenously developed)

P - production under license

A - assembly

Strategic Assets

NBC Capabilities

Nuclear capability

One 5Mw TR-2 research reactor at Cekmerce and one 250kw ITV-TRR research reactor at Istanbul. Turkey intends to Build a 1,200Mw 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.

Turkey

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 | | | | |
| • SSM | | | | Indigenously developed missiles with 2,500km range. |

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; 2A and 3A and 4A are currently in orbit. |
| • Bilsat | Remote sensing | 120kg payload, 686 km orbit, 12m resolution Earth observation civilian satellite |
| • RASAT | Remote sensing | Multispectral camera, 690 km orbit, 7.5m resolution Earth observation satellite |
| • Göktürk-2 | Reconnaissance | Multispectral camera, 690 km orbit, 2.5m resolution earth observation satellite |
| Satellite imagery | | |
| • Ikonos | Reconnaissance | commercial satellite imagery |
| Future procurement | | |

Turkey

Command and Control Assets

| Name | Description |
|------------------------------|---|
| Air defense | |
| TICCS | National Early warning radar system, linking regional and national air defense command centers. |
| Sky Watcher (HERIKKS) | Command and control system for AD assets. Providing early warning, and distributing threats and targets between AD batteries. |
| Naval surveillance | |
| IMSS (MELTEM) | Costal surveillance radars and patrol aircraft, linked to regional and national command centers. |
| Border security | |
| Integrated Border Management | Infrared and CCD sensors deployed along the border, linked to regional command centers. 390 border patrol stations. |

Armed Forces

Order-of-Battle

| Year | 2010 | 2011 | 2012 | 2013 | 2014 |
|------------------------------|------------------|------------------|------------------|------------------|------------------|
| General data | | | | | |
| • Personnel (regular) | 421,000 | 421,000 | 421,000 | 421,000 | 348,000 |
| • 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 | 2,890 (4,460) | 2,890 (4,460) | 2,890 (4,460) | 2,890 (4,460) | 2,890 (4,460) |
| • APCs/AFVs | 6,733 | 6,800 | 6,800 | 6,800 | 6,800 |
| • Artillery (including MRLs) | 4,500 (4,800) | 4,500 (4,800) | 4,500 (4,800) | 4,500 (4,800) | 4,500 (4,800) |
| Air Force | | | | | |
| • Combat aircraft | 355 (399) | 365 (388)* | 388 | 388 | 388 |
| • Transport aircraft | 92 | 92 | 92 | 92 | 92 |
| • Helicopters | 409 (427) | 348 (426)* | 345 (422) | 345 (422) | 345 (422) |
| Air Defense Forces | | | | | |
| • Heavy SAM batteries | 24 | 16* | 22 | 22 | 22 |
| • Light SAM | 196 | 200 | 238 | 238 | 2012 |

Turkey

| Year | 2010 | 2011 | 2012 | 2013 | 2014 |
|------------------|------|------|------|------|----------|
| launchers | | | | | |
| Navy | | | | | |
| • Submarines | 14 | 14 | 14 | 14 | 3481,000 |
| • Combat vessels | 69 | 69 | 69 | 69 | 18 |
| • Patrol craft | 98 | 98 | 98 | 98 | |

* Due to change in estimate

Personnel

| | Regular | Reserves | Total |
|----------------------------------|----------------|----------------|----------------|
| Ground Forces | 331,000 | 258,000 | 496,000 |
| Air Force | 59,000 | 65,000 | 124,000 |
| Navy | 45,000 | 55,000 | 107,000 |
| Total | 435,000 | 378,000 | 727,000 |
| Paramilitary | | | |
| • Coast Guard | 3,200 | | 3,200 |
| • Gendarmerie/ National Guard | 100,000 | 50,000 | 150,000 |

Ground Forces

Formations

| | Corps / armies | Divisions | Independent brigades / groups | Independent battalions | Brigades in divisions |
|-----------------------------------|---------------------|-----------|-------------------------------------|---------------------------|-------------------------------------|
| All arms | 4 armies 9 corps | | | | |
| Armored Mechanized | | 2 | 14 17 | | 1 armd., 2 mech., 1 aty. each |
| Infantry | | 1 | 9 | | 4 inf., 1 aty. each |
| Commando Presidential Guard | | | 6 1 (reg.) | | |
| Border Defense | | | 5 (reg.) | 26 | |
| Coastal Defense (reserve) | | | 4 | 23 | |
| Marines | | | 1 | | |
| Total | | 3 | 55 | 49 | |

Turkey

Tanks

| Model | Quantity | In service | Since | Notes |
|-------------------------------|--------------|--------------|-------|------------------------------------|
| MBTs | | | | |
| High quality | | | | |
| • M60T Sabra | 170 | 170 | 2007 | Being upgraded from existing M60A3 |
| • Leopard 2A4 | 300 | 300 | 2006 | Form German drawdown |
| Subtotal | 470 | 470 | | |
| Medium and low quality | | | | |
| • Leopard 1T | 170 | 170 | 2009 | Locally upgraded |
| • Leopard A1/A3 | 220 | 220 | 1982 | |
| • M60 A1/A3 | 730 | 730 | 1992 | |
| • M48T | 2,870 | ~1,300 | 1984 | Some possibly in storage |
| Subtotal | 3,990 | 2,420 | | |
| Total | 4,460 | 2,890 | | |
| Future procurement | | | | |
| • XK-2 Altay | 250 | | | Prototype by 2014 |
| • Leopard 2A4 | 40 | | | Under negotiation |

APCs/AFVs

| Model | Quantity | In service | Since | Notes |
|-------------------------------|----------|------------|-------|--------------------------------|
| APCs | | | | |
| • ACV AAPC | 1,700 | 1,700 | 1997 | |
| • BTR-80 | 240 | 240 | 1993 | |
| • BTR-60 | 340 | 340 | 1991 | |
| • Kirpi MRAP | 303 | 303 | 2011 | |
| • M113 A1/A2T2 | 2,815 | 2,815 | 1975 | |
| • S-55 | 40 | 40 | 1995 | |
| Subtotal | 5,205 | 5,205 | | |
| IFVs | | | | |
| • Condor | 25 | 25 | 1988 | |
| • UR-416 | 35 | 35 | 1984 | |
| • ACV AIFV | 868 | 868 | 1997 | Including 170 AMVs and 48 ATVs |
| Subtotal | 928 | 928 | | |
| Light Armored Vehicles | | | | |
| • Cobra | 410 | 410 | 2002 | |
| • Akrep | 260 | 260 | 1994 | |
| Subtotal | 670 | 670 | | |

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| Model | Quantity | In service | Since | Notes |
|---------------------------|---------------|---------------|-------|--------------------------|
| Total | ~6,800 | ~6,800 | | |
| Future procurement | | | | |
| • Cobra | 400 | | | To be delivered by 2013. |

Artillery

| Model | Quantity | In service | Since | Notes |
|--|---------------|---------------|-------|----------------------------------|
| Self-propelled guns and howitzers | | | | |
| • 203mm M110 | 219 | 219 | 1981 | |
| • 203mm M-55 | 9 | 9 | 1978 | |
| • 175mm M107 | 36 | 36 | 1976 | |
| • 155mm Firtina | 180 | 180 | 2003 | |
| • 155mm M44T | 222 | 222 | 1992 | |
| • 155mm M52T | 365 | 365 | 1995 | |
| • 105mm M108 | 26 | 26 | 1982 | |
| Subtotal | 1,057 | 1,057 | | |
| Towed guns and howitzers | | | | |
| • 203mm M115 | 162 | 162 | 1983 | |
| • 155mm Panter | 24 | 24 | 2002 | |
| • 155mm M114 | 517 | 517 | 1979 | |
| • 155mm M59 | 171 | 0 | 1975 | |
| • 150mm Skoda | 128 | 0 | 1976 | |
| • 105mm M101/ M102 | 640 | 640 | 1974 | |
| Subtotal | 1,642 | 1,343 | | |
| Mortars, under 160mm | | | | |
| • 120mm | 578 | 578 | 1981 | |
| • 107mm M30 | 1,265 | 1,265 | 1974 | |
| • 107mm M106 SP | + | + | 1984 | |
| • 81mm AMV SP | 170 | 170 | 1997 | Mounted on ACV |
| Subtotal | ~2,050 | ~2,050 | | |
| Rockets | | | | |
| • 302mm TR-300 Kasirga | 30 | 30 | 2000 | Variant of Chinese WS-1 rockets. |
| MRLs | | | | |
| • 227mm MLRS | 12 | 12 | 1988 | |
| • 122mm T-122 | + | + | | |
| • 107mm T-107 | 48 | 48 | 1975 | |
| Subtotal | ~70 | ~70 | | |
| Total | ~4,850 | ~4,550 | | |

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| Model | Quantity | In service | Since | Notes |
|-------------------------------------|----------|------------|-------|----------------------|
| Future procurement | | | | |
| • 155mm Firtina SP2000/ 155mm K9 | 300 | | | Delivery in progress |

Ground Surveillance

| Model | Quantity | In service | Since | Notes |
|---|----------|------------|-------|-------|
| Artillery/mortar locating radars | | | | |
| • AN/TPQ- 37 | 4 | 4 | 1997 | |
| • AN/TPQ- 36 | 7 | 7 | 1988 | |
| • Stentor | 5 | 5 | 1988 | |
| • Blindfire | 13 | 13 | 1996 | |
| • Cobra | 2 | 2 | 2006 | |
| Surveillance Radars | | | | |
| • ARS-2000 | + | + | 1996 | |
| Optical Surveillance | | | | |
| • BAA | 150 | 150 | 2003 | |

Logistic and Engineering Equipment

Mine laying and clearing, bar mine-clearing system, Leguan AVLBs (36),M48 AECVs (20), National HET , Pars AVLBs (52), Husky VMMDs (4)

Future procurement

AZMIM AECV (12), Scania HET (45), Firtina AARV (70)

Anti-Tank Missiles

| Model | Launchers | Missiles | Since | Notes |
|--------------------|--------------|----------|-------|----------------------------|
| • Kornet-E (AT-14) | 80 | 800 | 2009 | |
| • Milan | 392 | + | 1984 | |
| • TOW SP | 365 | + | 1980 | 48 of which are on ACV ATV |
| • Cobra | 186 | + | 1977 | |
| Total | 1,023 | | | |

Air Force

Order-of-Battle

| Category | Quantity | In service | Notes |
|-------------|----------|------------|-------|
| Combat | 387 | 387 | |
| Transport | 92 | 92 | |
| Helicopters | 422 | 345 | |

Turkey

Combat Aircraft

| Model | Quantity | In service | Since | Notes |
|----------------------------|------------|------------|-------|--|
| Advanced multi-role | | | | |
| • F-16C/D | 241 | 241 | 1987 | 165 aircraft to be upgraded locally. |
| Multi-role | | | | |
| • F-4E 2020 | 49 | 49 | 1999 | listed also as reconnaissance |
| • F-4E | 38 | 38 | 1973 | |
| Subtotal | 88 | 88 | | |
| Obsolete | | | | |
| • F-5A/B | 58 | 58 | 1965 | |
| Total | 387 | 387 | | |
| Future procurement | | | | |
| • F-35 JSF | 2 | | | Delivery in 2019; Total requirement for 100 aircraft |
| • F-16 CCIP | 165 | | | Upgrading of existing aircraft, to be completed by 2014. |

Transport Aircraft

| Model | Quantity | In service | Since | Notes |
|---------------------------|-----------|------------|-------|---|
| • C-160D | 18 | 18 | 1971 | Some in EW role |
| • C-130E | 7 | 7 | 1964 | To be upgraded |
| • C-130B | 6 | 6 | 1991 | To be converted to EW role |
| • A-400M | 2 | 2 | | 8 more to be delivered to begin until 2018. |
| • Citation (VIP) | 5 | 5 | 1985 | |
| • CN-235 | 56 | 56 | 1991 | 2 employed in EW role, further 9 in MP. |
| Total | 93 | 93 | | |
| Future procurement | | | | |
| • C-130E | 6 | | | From Saudi drawdown |
| • ATR 72-600TMUA | 2 | 2 | | |
| • CN-235 | 9 | | | |
| • A-400M | 9 | | | 8 more to be delivered to |

Turkey

| Model | Quantity | In service | Since | Notes |
|-------------------|----------|------------|-------|-------|
| begin until 2018. | | | | |

Training and Liaison Aircraft

| Model | Quantity | In service | Since | Notes |
|---------------------------|------------|------------|-------|--------------------------------|
| Jet trainers | | | | |
| • F-5 2000 | 45 | 45 | 2002 | |
| • T-38M | 1 | 1 | 2012 | Locally upgraded |
| • T-38 (F-5) | 70 | 70 | 1965 | |
| • Cessna 318 (T-37) | 55 | 55 | 1960 | To be phased out by 2013 |
| Subtotal | 170 | 170 | | |
| Piston/Turbo-prop | | | | |
| • KT-1T | 40 | 40 | 2010 | Being delivered |
| • TB-20 | 7 | 7 | 2000 | |
| • SF-260D | 39 | 39 | 1990 | |
| • Cessna 172 (T-41) | 51 | 51 | 1972 | 26 with Army Aviation |
| Subtotal | 100 | 100 | | |
| Total | 272 | 272 | | |
| Future procurement | | | | |
| • T-38M | 55 | | | Upgrading of existing aircraft |

Helicopters

| Model | Quantity | In service | Since | Notes |
|-------------------------|----------|------------|-------|---------------------------------|
| Attack | | | | |
| • AH-1W/P | 29 | 29 | 1990 | With Army Aviation |
| Medium transport | | | | |
| • AS-532 Cougar | 47 | 47 | 1995 | 26 With Army Aviation |
| • T-129 | 5 | 5 | | In service |
| • Mi-17 | 18 | 0 | 1995 | With gendarmerie |
| • S-70A Blackhawk | 80 | 80 | 1992 | 35 with gendarmerie |
| • AB-412EP | 14 | 14 | 2003 | With Coast Guard |
| • T129 | 9 | 9 | | |
| • UH-1H/AB-204/AB-205 | 139 | 80 | 1966 | Including 3 with Naval Aviation |
| • Bell 429 | 7 | 7 | | |
| Subtotal | 298 | 221 | | |
| Light transport | | | | |
| • MD 600N | 10 | 10 | 2005 | With Police |
| • AB 206 | 32 | 32 | 1968 | 3 with Coast Guard |
| • H-300C | 28 | 28 | 1982 | With Army Aviation |

Turkey

| Model | Quantity | In service | Since | Notes |
|---------------------------|------------|------------|-------|--|
| • OH-58B | 3 | 3 | 1994 | With Army Aviation |
| Subtotal | 73 | 73 | | |
| Naval attack | | | | |
| • AB-212 | 14 | 14 | 1985 | 12 with Navy, in ASW role and 2 with Army Aviation |
| • S-70B Seahawk | 8 | 8 | 2002 | |
| Subtotal | 22 | 22 | | |
| Total | 422 | 345 | | |
| Future procurement | | | | |
| • T-70 Blackhawk | 109 | | | Signed contract |
| • Bell 429 | 15 | | | For Police air wing |
| • CH-47F Chinook | 6 | | | Delivery beginning in 2013 |
| • T129 Mangusta | 59 | | | Delivery beginning in 2013, option for 41 additional |
| • S-70B Seahawk | 16 | | | Delivery by 2013 |

Miscellaneous Aircraft

| Model | Quantity | In service | Since | Notes |
|------------------------------|----------|------------|-------|--------------------------------------|
| Reconnaissance | | | | |
| • RF-4E | 11 | 11 | 1977 | Also listed under Combat Aircraft |
| ELINT/EW | | | | |
| • C-160 EW | + | + | 1990 | Also listed under Transport Aircraft |
| • Boeing 737 AEW | 3 | 3 | | |
| • CN 235 MP | 2 | 2 | 1991 | Also listed under Transport Aircraft |
| • King Air 350 ISR | 1 | 1 | 2012 | On lease from USA |
| Maritime surveillance | | | | |
| • CN-235 MP | 9 | 4 | 2007 | |
| • Maule MX 7 | 1 | 1 | 1993 | With Coast Guard |
| • ATR 72-600TMPA | 6 | 6 | | |
| Tankers | | | | |
| • KC-135R | 7 | 7 | 1995 | Being upgraded |
| UAVs | | | | |
| • Heron UAVs | 10 | 7 | 2008 | |

Turkey

| Model | Quantity | In service | Since | Notes |
|---------------------------|----------|------------|-------|-------------------------|
| • MQ-1 Predator | 4 | 4 | 2011 | Operated by US military |
| • Harpy attack drones | 108 | 108 | 2002 | |
| mini-UAVs | | | | |
| • Malazgirt mini-UAVs | 2 | 2 | 2010 | With Gendarmerie |
| • Gnat 750 | 2 | 2 | 1994 | |
| • Bayraktar mini-UAVs | 78 | 78 | 2010 | |
| Subtotal | 200 | 200 | | |
| Target drones | | | | |
| • Turna | + | + | 2001 | |
| Future procurement | | | | |
| • Anka UAVs | 10 | | | |
| • ATR-72 ASW | 10 | | | Delivered by 2012 |
| • Boeing 737 AEW | 7 | | | Delivery in 2012 |
| • Caldiran UAVs | 12 | | | Delivery in 2014 |
| • Karayel | 6 | | | |
| • King Aie 350 ISR | 5 | | | On lease from USA |
| • Bayraktar Tactical UAS | | | | |

Advanced Armament

Air-to-air-missiles

AIM-7E Sparrow (690), AIM-9E/F Sidewinder (210), AIM-9J/M/S/P Sidewinder (1,460), AIM-9X sidewinder (127), AIM-120 AMRAAM (138)

Air-to-ground-missiles

AGM-65 A/G/F Maverick (300), AGM-84K SLAM-ER (57), AGM-88 HARM (100), AGM-142 PopeyeII (100), AGM-154 JSOW (104), BLU-107 Durandel (523), CBU-97 WCMD (100), Cirit Laser-guided rocket (100), Hellfire II (200), JDAM (500), Penguin SSM (16), Sea Skua (36)

Avionics

AAQ-13 LANTIRN (24), ALQ-178 SPEWS-2 ECMs (146)

Future procurement

ALQ-178 (V) ECMs (80), AIM-9X sidewinder (105), Mk-54 Lightweight Torpedoes (100), AWW-13 data-link pods (10), ALQ-211 AIDEWS ECMs (30), Aselpod reconnaissance pods, AIM-120 AMRAAMs (107), AAQ-33 SNIPER pods (30), Utmas ATGM, AAQ-13 LANTIRN ER (30), SOM ALCM

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

Turkey

Air Force Infrastructure

Military airfields 23

Adnan-Menderes, Afyon, Akhisar, Akinci, Ankara-Güvercinlik, Balikesit, Bandirma, Dalaman, Diyarbakir, Elazig, Erhac, Erkilet, Erzincan, Eskisehir, Istanbul-Sarigazi, Izmir-Kaklic, Kayseri, Konya, Malatya, Merzifon, Murted, Yalova, Yesilkoy

Air Defense Forces

Surface-to-Air Missiles

| Model | Batteries | Launchers | Since | Notes |
|-----------------------------------|-----------|-------------|-------|--|
| Heavy missiles | | | | |
| • MIM-104 Patriot PAC-2/3 | 6 | | 2013 | Deployed and operated by NATO forces from Germany, Netherlands, and USA. |
| • MIM-23 I-Hawk PIP-2 | 8 | | 2006 | |
| • Nike Hercules | 8 | | 1970 | 8 squadrons, 24 batteries; Operational status doubtful |
| Total | 22 | | | |
| Light missiles | | | | |
| • Rapier B1X | | 78 | 1999 | Upgraded |
| • Zipkin/ Atilgan | | 158 | 2004 | Stinger SP |
| Total | | 236 | | |
| Shoulder-launched missiles | | | | |
| • Stinger | | 108 | 1991 | |
| • Redeye | | 790 | 1986 | |
| Total | | ~900 | | |
| Future procurement | | | | |
| • LALADMIS | 72 | | | |

Other Air Defense Systems

| Model | Quantity | In service | Since | Notes |
|----------------------------|----------|------------|-------|----------------------|
| Air-defense systems | | | | |
| • ADOP-2000 FCS | + | + | 2010 | Locally produced FCS |
| Short-range guns | | | | |
| • 40mm L60/70 | 800 | 800 | 1970 | |
| • 40mm T1 | 40 | 40 | | |

Turkey

| Model | Quantity | In service | Since | Notes |
|---------------------------|----------|------------|-------|--------------------------|
| • 40mm M42 A1 SP | 260 | 260 | 1976 | |
| • 35mm GDF-003 | 120 | 120 | 1984 | |
| • 20mm GAI-DO1 | 440 | 440 | 1975 | |
| Total | 1,660 | 1,660 | | |
| Radars | | | | |
| • AN/FPS-117 | 1 | 1 | 1993 | |
| • AN/TPS-59 | + | + | | |
| • AN/TPY-2 | 1 | 1 | 2011 | Operated by US military. |
| • HR-3000 (HADR) | 3 | 3 | 1990 | |
| • Kalkan 3D | + | + | 2010 | Being delivered |
| • MPQ-64 Sentinel | 9 | 9 | 1998 | |
| • TRS-2100 (Tiger) | 2 | 2 | 1988 | |
| • TRS-22XX | 14 | 14 | 2001 | |
| • TRS-2000 | 4 | 4 | 1999 | |
| • RAT-31DL | 4 | 4 | 2001 | Being upgraded |
| Future procurement | | | | |
| • 35mm SPAAG | 2 | | | Developed by Aselsan |
| • Kalkan 3D | 13 | | | Being delivered |
| • P-STAR | + | | | |

Navy

Submarines

| Type | Quantity | Length (m.)/ displacement (t.) | Notes/armament |
|---------------------------|-----------|-----------------------------------|--|
| • Atilay (Type 1200) | 6 | 61.2/1,185 | 8x533mm torpedoes |
| • Gur (Type 1400) | 4 | 62/1,586 | 2xSub Harpoon SSMs 8x533mm torpedoes mines |
| • Preveze (Type 1400) | 4 | 62/1,586 | 2xSub Harpoon SSMs 8x533mm torpedoes mines |
| Total | 14 | | |
| Future procurement | | | |
| • Type 214 | 6 | | Deliveries beginning 2015 |

Turkey

Combat Vessels

| Type | Quantity | Length (m.)/ displacement (t.) | Notes/armament |
|------------------------------------|----------|-----------------------------------|--|
| Frigates | | | |
| • Barbaros (MEKO 200 track II-A/B) | 4 | 116.7/3,350 | Being upgraded with Genesis and ESSM 1xAB-212 ASW helicopter 8xHarpoon SSMs 2xSeasparrow 8 SAMs 6x324mm torpedoes 1x127mm gun 3xOerlicon 25mm AD gun |
| • Yavuz (MEKO 200) | 4 | 115.5/2,414 | 1xAB-212 ASW helicopter 8xHarpoon SSMs 6x324mm torpedoes 8xSeasparrow SAMs 1x127mm gun 3xOerlicon 25mm AD guns |
| • Gaziantep (Oliver Perry class) | 8 | 135.6/3,638 | Being upgraded with Genesis and ESSM 1xS-70B ASW helicopters 4xHarpoon SSMs 36xStandard SAMs 6x324mm torpedoes 1x76mm gun 1x20mm Phalanx AD gun |
| • Tepe (Knox class) | 1 | 134/3,011 | 1xAB-212 ASW helicopter 8xHarpoon SSMs 1xASROC Mk112 8 torpedo launcher 4x324mm torpedoes 1x20mm Vulcan Phalanx AD gun 1x127mm gun |
| • Burak (d'Orves Type 69A) | 6 | 80.5/1,175 | 2xMM 38 Exocet SSMs 2xMistral SAMs 1x100mm gun 2x20mm guns 4xECAN L5 torpedoes 1x Creusot 375mm Mk54 ASW mortar |

Turkey

| Type | Quantity | Length (m.)/ displacement (t.) | Notes/armament |
|-----------------------------|----------|-----------------------------------|--|
| Subtotal | | | |
| Corvettes | | | |
| • Heybeliada (Milgem) class | 2 | 99.5/2,300 | Being delivered 1x helicopter deck |
| MFPBs | | | |
| • Doğan class | 8 | 58.1/436 | 8xHarpoon SSMS 1x76mm gun 2x35mm guns |
| • Kiliç class | 8 | 57.8/433 | 8xHarpoon SSMS 1x76mm gun 2x40mm gun |
| • Yıldız class | 2 | 57.8/433 | 8xHarpoon SSMS 1x76mm gun 2x35mm guns |
| • Kartal (Jaguar class) | 8 | 42.5/160 | 2-4xPenguin SSMS 2x533mm torpedoes 2x40mm guns 4 mines |
| Subtotal | | | |
| Mine warfare vessels | | | |
| • Aydın MHV-54 (Type 332MJ) | 6 | 54.5/715 | 1x30mm gun Type 2093 active sonar PAP 104 Mk 5 mechanical sweep |
| • Edincik (Circé class) | 5 | 50.9/495 | 1x20mm gun Mintac Robot seeker/ destroyer DUBM 20B active sonar |
| • Silifke class (MSC 289) | 5 | 43/320 | 2x20mm guns UQS-1D Sonar |
| • Foça (Cove class) | 4 | 34/180 | 1x12.7 MG |
| Subtotal | | | |
| Total | | | |
| Future procurement | | | |
| • TF-2000 | 6 | 6,000 ton | Delivery to begin in 2018 |
| • Milgem AD corvetes | 2 | 99.5/2,300 | Being delivered. Total requirement for 12 vessels. |

Patrol Craft

| Type | Quantity | Length (m.)/ displacement (t.) | Notes/armament |
|--------------------------|----------|-----------------------------------|--|
| • Dost (Sirio class) OPV | 2 | 88.6/1700 | Being delivered 1xAB 412 helicopter |

Turkey

| Type | Quantity | Length (m.)/ displacement (t.) | Notes/armament |
|------------------------------------|----------|-----------------------------------|---|
| • Tuzla (P 1200 NTPB) | 2 | 55.8/400 | 1x76mm gun 2x25mm guns Being delivered 1xAselsan ASW mortar 2x40mm guns 2x12.7mm MGs |
| • Hisar class (PC – 1638) | 1 | 53/325 | Simrad SP92 sonar 1x Mk 15 Hedgehog ASW rocket launchers 1x40mm gun 4x20mm guns |
| • Trabzon class | 1 | 50/370 | 1x40mm gun 2x12.7mm MGs |
| • Karamürsel (Vegasack class) | 5 | 47.3/362 | 2x20mm guns |
| • Turk class | 6 | 40.2/170 | 1x Mk 20 Mousetrap ASW rocket launcher 2x40mm guns 1x20mm gun 2x12.7mm MGs |
| • PGM-71 class | 4 | 30.8/130 | 2x Mk 22 Mousetrap ASW rocket launchers 1x40mm gun 4x20mm guns |
| • Taskizak (Large patrol craft) | 13 | 40.7/195 | 1x40mm gun 2x12.7mm MGs (with Coast Guard) |
| • Gölcük (Large patrol craft) | 14 | 40.2/180 | 1x40mm gun 2x12.7mm MGs (with Coast Guard) |
| • SAR 33 Type | 10 | 34.6/180 | 1x40mm gun 2x12.7mm MGs (with Coast Guard) |
| • SAR 35 Type | 4 | 36.6/210 | 1x40mm gun 2x12.7mm MGs (with Coast Guard) |
| • KW 15 class | 3 | 28.9/70 | 1x40mm gun 2x20mm guns (with Coast Guard) |
| • Kaan 33 (MRTP 33) | 13 | 35.7/124 | 4x12.7mm MGs (with Coast Guard) |
| • Kaan 29 (MRTP 29) | 9 | 31/ 98 | 4x12.7mm MGs (with Coast Guard) |
| • Coastal patrol craft | 11 | 14.6/29 | 1x20mm or 1x12.7mm MG (with Coast Guard) |

Turkey

| Type | Quantity | Length (m.)/ displacement (t.) | Notes/armament |
|---------------------------------|-----------|-----------------------------------|-----------------------------------|
| • Inshore patrol craft | 1 | 11.6/10 | 1x12.7mm MG (with Coast Guard) |
| • Harbor patrol craft | 1 | 17/35 | (with Coast Guard) |
| Total | 98 | | |
| Future procurement | | | |
| • Kaan 33 (MRTP 33) | 9 | 35.7/124 | |
| • Taskizak (Large patrol craft) | 5 | 40.7/195 | |
| • Sirio class OPV | 4 | 88.4/1700 | Delivery in progress, up to 2014. |
| • Tuzla (New Type) PBs | 16 | 55.7/400 | Delivery in progress, up to 2014. |

Landing Craft

| Type | Quantity | Length (m.)/ displacement (t.) | Notes/armament |
|------------------------------------|-----------|-----------------------------------|---|
| • Osman Gazi (LST) | 1 | 105/3,773 | 900 troops, 15 tanks 4 LCVPs 3x40mm guns 2x35mm guns 2x20mm guns |
| • Sarucabey (LST) | 2 | 92/2,600 | 600 troops, 11 tanks 2 LCVPs 3x40mm guns 4x20mm guns |
| • Ertuğrul (Terrebonne Parish LST) | 2 | 117.1/5,800 | 395 troops, 2,200 ton 4 LCVPs 6x76mm guns |
| • LCM-8 | 16 | 22/113 | 140 troops or 60 ton 2x12.7mm MGs |
| • C-151 LCT | 8 | 80/1,155 | 420 ton capacity |
| • C-107 LCT | 25 | 59.6/600 | 100 troops, 5 tanks 2x20mm guns 2x12.7mm MGs |
| Total | 46 | | |
| Future procurement | | | |
| • LST | 2 | 138/7,125 | To be delivered in 2015 Helicopter deck 2x40mm guns 2x20mm Phalanx 1200 ton capacity 320 troops 4 LCVPs |

Turkey

Auxiliary Vessels

| Type | Quantity | Length (m.)/ displacement (t.) | Notes/armament |
|----------------------------------|----------|-----------------------------------|-----------------------------|
| • Tankers | 8 | 1,440-19,000 | 2x20mm guns |
| • Water tankers | 9 | 300-1,200 tons | |
| • Çubuklu Survey | 1 | 40.5/680 | 2x20mm guns |
| • Mesaha survey ship | 2 | 15.9/38 | |
| • Silas bay class survey ships | 2 | 2,843 tons | |
| • Rhein training ships | 2 | 98.2/2,370 | 2x100mm guns 4x40mm guns |
| • Iskanderun transport ship | 1 | 127.5/10,580 | |
| • Training craft | 8 | 28.8/94 | |
| • Transport | 49 | Various sizes | |
| • Akar Support ship | 2 | 145.1/19,350 | |
| • Tugs | 20 | 750; 1,235tons | |
| • Barrack ships | 2 | | |
| • Floating docks | 13 | | 400-16,000 ton. Lift |
| • Torpedo retrievers | 3 | | |
| • Boom defense | 2 | 560-780 tons | 3-4 20mm, 76mm or 40mm guns |
| Future procurement | | | |
| • Submarine rescue ship (MOSHIP) | 1 | 91m | Delivery in 2014 |
| • Towing vessels (RATSHIP) | 2 | 69m | Delivery in 2014 |
| • Logistical support ship | 2 | 155/15,600 | |

Special Maritime Forces

| Type | Quantity | Length (m.)/ displacement (t.) | Notes/armament |
|--|-----------|-----------------------------------|------------------------------------|
| • Kaan 15 (MRTP 15) Fast intervention craft | 21 | 16.7/19 | 2x12.7mm MGs (18 with Coast Guard) |
| • Kaan 19 (MRTP 20) Fast intervention craft | 3 | 22.5/ 38 | 2x12.7mm MGs (with Coast Guard) |
| Total | 24 | | |
| Future procurement | | | |
| • Kaan 19 (MRTP 20) | 15 | 22.5/38 | To be delivered by 2012 |

Coastal Defense

Future procurement

IMSS system: includes 3 DR3000 radars, 3 Suricate 2000 Elint systems, and an integrations center by Thales.

Turkey

Naval Infrastructure

| | |
|--|-----------|
| Naval bases | 17 |
| Aksaz, Ankara (HQ), Antalya, Bartin, Çanakkale, Erdek, Eređli, Foça, Gölçük, Iskanderun, Istanbul, Izmir, Karamürsel (training), Marmaris, Mersin, Samsun, Trabzon | |
| Naval aviation bases | 4 |
| Antalia, Cigli, Topel, Trabzon | |
| Ship maintenance and repair facilities | 3 |
| Gölçük, Taskiçak, Pendik | |

Major Non-Governmental Paramilitary Forces

Personnel

| | Active |
|-------|--------|
| • PKK | 6,000 |

Equipment

| Organization | Category | System | Quantity | Notes |
|--------------|-------------|--------------------|----------|-------|
| PKK | Artillery | • 122mm BM-21 | + | |
| | Air defense | • SA-7 (Strela) | 80 | |