

## Turkey

# 19. TURKEY

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### Major Changes

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- The land forces received all its 298 Leopard tanks from the Bundeswehr drawdown. Meanwhile, the Turkish industry continues the process of upgrading M60 tanks according to an Israeli design. .
  - The land forces introduced into service 76 Bayraktar mini-UAV for tactical surveillance, intended for use by the lower echelons.
  - The Air Force launched a project to upgrade all of its 117 of its F-16 combat aircraft. The air force also ordered 30 additional F-16s. The air force ordered modern weapons that include the AGM-154 JSOW and the JDAM smart bombs and the SLAM-ER ALCM.
  - The Air force received its first 2 Heron MALE UAV's.
  - The Navy's first MILGEM project corvette – was launched. The navy ordered 8 - 12 such corvettes. The Navy received its first ATR-72 ASW and CN-235 MP maritime patrol aircraft in the framework of the Meltem project. The Navy will receive additional 17 Sea Hawk helicopters.
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## Turkey

### General Data

**Official Name of the State:** Republic of Turkey  
**Head of State:** President Ahmet Necdet Sezer  
**Prime Minister:** Recep Tayyip Erdogan  
**Minister of National Defense:** Vecdi Gonul  
**Chief of General Staff:** General Ilker Basbug  
**Commander of the Ground Forces:** General Isik Kosaner  
**Commander of the Air Force:** General Aydogan Babaoglu  
**Commander of the Navy:** Admiral Muzaffer Metin Atac

**Area:** 780,580 sq. km.  
**Population:** 76,200,000

### Demography

| Ethnic group                  |            |       |
|-------------------------------|------------|-------|
| • Turkish                     | 60,960,000 | 80%   |
| • Kurdish                     | 15,240,000 | 20%   |
| Religious group               |            |       |
| • Sunni Muslims               | 60,808,000 | 79.8% |
| • Alevis (Shi'ite Muslims)    | 15,240,000 | 20.0% |
| • Other (Christians and Jews) | 152,000    | 0.2%  |

### Economic Data

|  |       | 2004  | 2005   | 2006   | 2007   | 2008   |
|--|-------|-------|--------|--------|--------|--------|
| • GDP (current prices)                                       | \$ bn | 392.1 | 482.9  | 530.9  | 655.0  | 792.4  |
| • GDP per capita   | \$    | 5,423 | 6,588  | 7,145  | 8,710  | 10,399 |
| • Real GDP growth  | %     | 9.4   | 8.4    | 6.9    | 4.6    | 3.7    |
| • Consumer price index                                       | %     | 9.3   | 10.5   | 9.6    | 8.4    | 10.1   |
| • External debt  | \$ bn | 161.0 | 169.3  | 207.8  | 247.2  | 291.9  |
| Balance of payments  |       |       |        |        |        |        |
| • Exports fob  | \$ bn | 68.5  | 78.4   | 93.6   | 115.3  | 141.3  |
| • Imports fob  | \$ bn | -91.3 | -111.3 | -134.5 | -162.1 | -202.7 |
| • Current account balance<br>(including services and income) | \$ bn | -14.4 | -22.1  | -31.9  | -37.6  | -50.6  |
| Government expenditure                                       |       |       |        |        |        |        |
| • Total expenditure  | \$ bn | 98.8  | 108.7  | 124.8  | 155.9  | 203.6  |
| • Defense expenditure  | \$ bn | 11.6  | 12.1   | 13.7   | 15.5   | 15.5   |
| • Real change in defense expenditure                         | %     | 2.6   | 4.3    | 13.2   | 13.1   | 0.0    |

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|                           |        | 2004 | 2005 | 2006 | 2007 | 2008 |
|---------------------------|--------|------|------|------|------|------|
| • Defense expenditure/GDP | %      | 2.9  | 2.5  | 2.6  | 2.4  | 1.9  |
| Population                | m      | 72.3 | 73.3 | 74.3 | 75.2 | 76.2 |
| Official exchange rate    | TL:\$1 | 1.34 | 1.34 | 1.14 | 1.16 | 1.33 |

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

### Foreign Military Cooperation

| Type                      | Details  |
|---------------------------|--|
| • Cooperation in training | Albania, Azerbaijan, Israel (mutual use of airspace and training facilities), Jordan (mutual use of airspace and training facilities, joint training of infantry), Georgia, PRC  |
| • Forces deployed abroad  | Afghanistan (1,000 troops in ISAF), Bosnia (350 troops), Cyprus (35,000 troops), Darfur (UNAMID), East Timor (UNMIT), Georgia (UNOMIG), Haiti (MINUSTAH), northern Iraq (1,000 troops), Israel (TIPH), Ivory Coast (UNOCI), Kosovo (700 troops in UNMIK), Lebanon (1,000 troops in UNIFIL), Liberia (UNMIL), Sudan (UNMIS) |
| • Foreign forces          | 1,570 US troops (as of March 2009)   |
| • Joint maneuvers         | Belgium (2009), Bulgaria (2005), Georgia (naval), Germany (2008), Greece (2008), Israel (2008), Italy (2008), Jordan (2007), Macedonia (2000), NATO member states (2000), Netherlands (2009) Pakistan (2008), Poland, Romania (2007), Russia (2005), Syria (2009), UK (2009), US (2009)                                    |
| • Security agreements     | Bosnia (2003), Chile (2004), Croatia (2001), France, Georgia (2001), Kazakhstan (2000), Kuwait (2009), Latvia, Mauritania (2005), Oman (2001), Pakistan (2003), Syria (2009)   |

## Turkey

### Arms Trade

#### Arms Procurement and Security Assistance Received

| Country     | Type                             | Details  |
|-------------|----------------------------------|--|
| EU          | • Cooperation in arms production | Participation in the A400M transport aircraft program (2005)   |
| France      | • Arms transfers                 | Naval C <sup>3</sup> I system (2007), Turksat 3A satellite (2006)  |
| Germany     | • Arms transfers                 | Cobra radars (2007), Leopard 2A4 MBTs (2009), Type 214 submarines (2008), Leguan AVLBs (2009)  |
|             | • Cooperation in arms production | ECM systems (2008)   |
| Israel      | • Arms transfers                 | Harpy drones (2004) , ECM systems for helicopters (2004) , Litening III pods (cancelled - 2007) , Aerostar UAVs (2007), Heron UAVs (2008) , Hermes 450 UAVs (2008), Searcher UAVs (2008)   |
|             | • Cooperation in arms production | Upgrade of F-4s and F-5s (2004) upgrading of M60 tanks (2008) , IMINT reconnaissance pods (2008)   |
| Italy       | • Arms transfers                 | NAUTIS simulator (2004), ATR-72 ASW aircraft (2008), AB-412EP helicopters (2008), Gokturk satellite (2009)   |
|             | • Cooperation in arms production | Sirio-class OPVs (2009), T129 Mangusta (2009)  |
| PRC         | • Cooperation in arms production | B-611 SSMs (2006), TR-300 MRLs (2007)  |
| Russia      | • Arms transfers                 | Kornet-E ATGMs (2008)  |
| South Korea | • Cooperation in arms production | KT-1 aircraft (2007), XK-2 MBTs (2008)   |
| Sweden      | • Arms transfers                 | Penguin SSMs (2007), naval surveillance systems (2008), Simrad sonar system (2008)   |
| UK          | • Cooperation in arms production | ALQ-178 EW systems (2007), Sea Sentor SSTD (2007)  |
| Ukraine     | • Arms transfers                 | S-300 SAMs (2008)  |
| US          | • Arms transfers                 | AGM-84 SLAM-ER Harpoon missiles (2008), F-16 aircraft (2007), S-70B Seahawk helicopters (2006) , Boeing 737 AEW aircraft (2007), artillery C <sup>2</sup> system (2004), upgrading of F-16 aircraft (2008), S-92 helicopter (2005), JSOW AGMs (2006), JDAM and WCMD bombs (2005), AIM-9X stinger AAMs (2007), Ospray minesweeper (2007), Mk-54 Lightweight Torpedoes (2007), Perry class frigates (2007), AWW- |

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| Country | Type         | Details  |
|---------|--------------|--|
|         |              | 13 data-link pods (2007), ALQ-211 AIDEWS EW systems (2009), CH-47D Chinook helicopters (2008), Ocean tugboat (2008), AIM-120 AMRAAMs (2008), AAQ-33 SNIPER pods (2008) |
|         | • Assistance | Upgrading of naval facilities (2005)   |

### Arms Sales and Security Assistance Extended

| Country      | Type   | Details   |
|--------------|--|---|
| Azerbaijan   | • Arms transfers<br>• Military training          | TR-107, TR-122 MRLs (2009)<br>Trainees in Turkey (2005)   |
| Bahrain      | • Arms transfers                                 | Cobra APCs (2005), Upgrading 120mm mortars on M113 APCs (2007)  |
| Georgia      | • Arms transfers<br>• Military training          | Cobra APCs (2007), Ejder APCs (2009)<br>Trainees in Turkey (2005)   |
| Indonesia    | • Arms transfers                                 | Communication systems (2007)  |
| Italy        | • Cooperation in arms production                 | Modification of ATR-72 MP aircraft (2009)   |
| Jordan       | • Arms transfers                                 | Upgrading of F-16 aircraft (2007)   |
| Kazakhstan   | • Assistance<br>• Military training              | \$1.3 million defense aid (2005)<br>Training of security forces (2005)  |
| Malaysia     | • Arms transfers                                 | ACV-S APCs (2007)   |
| NATO         | • Facilities                                     | HQ LANDSOUTHEAST, HQ 6 ATAF   |
| Netherlands  | • Arms transfers                                 | Mounted Stinger SAMs (2005)   |
| Nigeria      | • Arms transfers                                 | Cobra APCs (2007)   |
| Pakistan     | • Arms transfers                                 | Upgrading of F-16 aircraft (2008), 155mm Panter towed guns (2007), Kaan-33 and Kaan-15 PBs (2007), EW training range (2008) |
| Saudi Arabia | • Arms transfers                                 | Cobra APCs (2004), Upgrading of M113 APCs (2008)  |
| Slovenia     | • Arms transfers                                 | Cobra APCs (2009)   |
| South Korea  | • Arms transfers                                 | Aircraft simulators (2005), EW training range (2009)  |
| UAE          | • Arms transfers                                 | TR-122 MRLs (2009), ACV-S APCs (2007), Cobra APCs (2008), MRTTP-20 PBs (2009)   |
| Uruguay      | • Military training<br>• Arms transfers          | Advanced Combat pilots training (2004)<br>Communication systems (2007)  |
| US           | • Cooperation in arms production<br>• Facilities | Participation in JSF program (2005)<br>Use of air bases in Incirlik and Konya (2005)  |

## Turkey

### Defense Production

|   | M | P | A |
|---|---|---|---|
| <b>Weapons of mass destruction</b>  |   |   |   |
| • Chinese WS-1 rockets  |   | √ |   |
| • NBC protection suites   | √ |   |   |
| <b>Army equipment</b>   |   |   |   |
| • XK-2 MBTs   |   | √ |   |
| • FNSS ACVs and AIFVs   | √ |   |   |
| • Piranha II and Fennek AFVs  |   |   | √ |
| • Akrep, Cobra, Dragon, Kaya, Land Rover, Pars, and Otokar APC armored vehicles | √ |   |   |
| • Toros 230mm and 260mm MRLs  | √ | √ |   |
| • 155mm Panter (towed) and 155mm Firtina SP guns                                | √ |   |   |
| • Cirit, UTMAS ATGMs  | √ | √ |   |
| • Upgrading of Leopard-1 and M60 MBTs   | √ |   | √ |
| • Upgrade of 105mm and 155mm SP guns  | √ |   |   |
| • Transforming of M48T5 into ARV and AEV vehicles                               | √ | √ |   |
| • 120mm SP mortars  | √ |   |   |
| • 107mm, 122mm and 300mm Kasirga MRLs   | √ | √ |   |
| • J-600T Yildirim artillery rockets   | √ | √ |   |
| • 25mm guns   |   |   | √ |
| • National HET tank transporters  |   | √ |   |
| • Hellfire ATGM mounted on ACVs   | √ | √ |   |
| • Trucks and wheeled tactical vehicles  | √ |   |   |
| <b>Air Force equipment</b>  |   |   |   |
| • F-16 aircraft   |   | √ |   |
| • Cougar helicopters  |   | √ |   |
| • T129 Mangusta attack helicopters  |   | √ |   |
| • SF-260D, KT-1 and Hurkus basic trainers                                       |   | √ |   |
| • CN-235 light transport aircraft   |   | √ |   |
| • Upgrading of F-16 , F-4E and F-5 aircraft                                     |   |   | √ |
| • Upgrading of C-130 aircraft   |   | √ |   |
| • Participation in the production of A-400M and F-35 JSF aircraft               |   | √ |   |
| • Participation in production of MD Explorer helicopter                         |   | √ |   |
| • Participation in production of PAC-3 SAMs for the UAE                         |   | √ |   |
| • Production of fuselage for AB 139 helicopter                                  |   | √ |   |
| • Bayraktar, Turna, and X2 UAVs   | √ |   |   |
| • Modification of S-2E, and ATR-72 maritime patrol aircraft                     | √ | √ |   |
| • Bora, Atiligan and Zipkin air defense systems                                 | √ | √ |   |
| • 35mm Oerlikon anti-aircraft guns  |   | √ |   |
| • Popeye air-to-air missiles  |   | √ |   |
| • Paveway II laser-guided bombs   |   | √ |   |
| • Rapier surface-to-air missiles  |   | √ | √ |
| • CN-235, F-4 2020, S-70 fight simulators                                       |   | √ |   |

## Turkey

|  | M | P | A |
|--|---|---|---|
| • Jet engines  |   | √ |   |
| <b>Naval equipment</b>                                   |   |   |   |
| • Gur class submarines                                   |   | √ |   |
| • Atilay class submarines                                |   |   | √ |
| • Milgem corvettes                                       | √ |   |   |
| • Kilic-2 class MFPBs                                    |   | √ |   |
| • Berk class missile frigates                            |   |   | √ |
| • Yildiz class and Dogan class MFPBs                     |   |   | √ |
| • Sirio class OPVs                                       |   | √ |   |
| • MHV 55 Minehunters                                     |   | √ |   |
| • Yonca, Dearsan PBs                                     | √ |   |   |
| • Torpedoes  | √ |   |   |
| • Sea Sentor SSTD anti-torpedo defense system            |   | √ |   |
| • Osman Gazi landing craft                               |   |   | √ |
| <b>Electronics</b>                                       |   |   |   |
| • Land-based and naval EW sets                           | √ |   |   |
| • Navigation systems                                     | √ |   |   |
| • MARS V observation and surveillance system             | √ |   |   |
| • Surveillance systems for UAVs                          |   | √ |   |
| • ECM systems for helicopters                            |   | √ |   |
| • IMINT aerial reconnaissance pods                       | √ | √ |   |
| • ARS-2000 Ground surveillance radars                    | √ |   |   |
| • Tactical communication systems                         | √ | √ |   |
| • Volkan FCS for MBTs                                    | √ |   |   |
| • BAIKS Artillery fire-control systems                   | √ |   |   |
| • Aerial mission control computer                        | √ |   |   |
| • EW training range                                      | √ |   |   |
| • HF/SSB radios  |   | √ |   |
| • ALQ-178 (V) EW systems for F-4s and F-16s              |   | √ |   |
| • TRS-22XX, P-STAR, ADR and D-IX air surveillance radars | √ | √ |   |
| • C <sup>3</sup> I systems                               |   | √ |   |
| <b>Optronics</b>   |   |   |   |
| • Optical targeting devices/ FLIR                        |   | √ |   |
| • Night-vision equipment                                 | √ | √ |   |
| • Laser range-finders                                    | √ |   |   |
| <b>Satellites</b>  |   |   |   |
| • BILSAT remote sensing satellite                        | √ |   |   |
| • TURKSAT civilian communication satellite               | √ |   |   |

Note: M - manufacture (indigenously developed)  
P - production under license  
A - assembly

## Turkey

### Strategic Assets

#### NBC Capabilities

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##### Nuclear capability

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

##### Chemical weapons and protective equipment

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

##### Biological weapons

No known BW activity. Party to the BWC.

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#### Ballistic Missiles

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

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#### Space Assets

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| Model                     | Type           | Notes  |
|---------------------------|----------------|--|
| <b>Ground stations</b>    |                |  |
| • BILTEN                  | Remote sensing | Receiving imagery from Bilsat  |
| • SAGRES                  | Remote sensing | Receiving imagery from SPOT, ERS, RADARSAT and NOAA                              |
| <b>Satellites</b>         |                |  |
| • Turksat                 | Communication  | Both civilian and military; both 2A and 3A are currently in orbit.               |
| • Bilsat                  | Remote sensing | 120kg payload, 686 km orbit, 12m resolution Earth observation civilian satellite |
| <b>Satellite imagery</b>  |                |  |
| • Ikonos                  | Reconnaissance | commercial satellite imagery   |
| • Ofeq 5                  | Reconnaissance | Sharing of Israeli satellite imagery   |
| <b>Future procurement</b> |                |  |
| • Gokturk                 | Reconnaissance | To be build by Telespazio, launch in 2011.                                       |

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## Turkey

### Armed Forces

#### Order-of-Battle

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

#### Personnel

|                                  | Regular        | Reserves       | Total          |
|----------------------------------|----------------|----------------|----------------|
| Ground Forces                    | 402,000        | 258,000        | 567,000        |
| Air Force                        | 60,000         | 65,000         | 125,000        |
| Navy                             | 46,000         | 55,000         | 108,000        |
| <b>Total</b>                     | <b>421,000</b> | <b>379,000</b> | <b>800,000</b> |
| <b>Paramilitary</b>              |                |                |                |
| • Coast Guard                    | 3,200          |                | 3,200          |
| • Gendarmerie/<br>National Guard | 100,000        | 50,000         | 150,000        |

## Turkey

### Ground Forces

#### Formations

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

#### Tanks

| Model                             | Quantity     | In service    | Since | Notes                                    |
|-----------------------------------|--------------|---------------|-------|--|
| <b>MBTs</b>                       |              |               |       |  |
| <b>High quality</b>               |              |               |       |  |
| • M60T Sabra                      | 70           | 70            | 2007  | Being upgraded<br>from existing<br>M60A3 |
| • Leopard 2A4                     | 298          | 298           | 2006  | Form German<br>drawdown                  |
| Subtotal                          | 368          | 368           |       |  |
| <b>Medium and low<br/>quality</b> |              |               |       |  |
| • Leopard A1/A3                   | 397          | 397           | 1982  | Being upgraded                           |
| • M60 A1/A3                       | 830          | 730           | 1992  |  |
| • M48T                            | 2,876        | ~1,300        | 1984  | Some possibly in<br>storage              |
| Subtotal                          | 4,102        | 2,430         |       |  |
| <b>Total</b>                      | <b>4,470</b> | <b>~2,800</b> |       |  |
| <b>Future procurement</b>         |              |               |       |  |
| • XK-2                            | 250          |               |       | Prototype by 2012                        |
| • Leopard 2A4                     | 40           |               |       | Under negotiation                        |
| • M60T Sabra                      | 170          |               |       | Being delivered                          |

## Turkey

| <b>APCs/AFVs</b>              |                 |                   |              |                                |
|-------------------------------|-----------------|-------------------|--------------|--------------------------------|
| <b>Model</b>                  | <b>Quantity</b> | <b>In service</b> | <b>Since</b> | <b>Notes</b>                   |
| <b>APCs</b>                   |                 |                   |              |                                |
| • ACV AAPC                    | 1,700           | 1,700             | 1997         |                                |
| • M113 A1/A2T2                | 2,815           | 2,815             | 1975         |                                |
| • BTR-80                      | 240             | 240               | 1993         |                                |
| • BTR-60                      | 340             | 340               | 1991         |                                |
| • S-55                        | 40              | 40                | 1995         |                                |
| Subtotal                      | 5,135           | 5,135             |              |                                |
| <b>IFVs</b>                   |                 |                   |              |                                |
| • Condor                      | 25              | 25                | 1988         |                                |
| • UR-416                      | 35              | 35                | 1984         |                                |
| • ACV AIFV                    | 868             | 868               | 1997         | Including 170 AMVs and 48 ATVs |
| Subtotal                      | 928             | 928               |              |                                |
| <b>Light Armored Vehicles</b> |                 |                   |              |                                |
| • Cobra                       | 410             | 410               | 2002         |                                |
| • Akrep                       | 260             | 260               | 1994         |                                |
| Subtotal                      | 670             | 670               |              |                                |
| <b>Total</b>                  | <b>6,733</b>    | <b>6,733</b>      |              |                                |

## Turkey

| <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> |                 |                   |              |                           |
| • 203mm M110                             | 219             | 219               | 1981         |                           |
| • 203mm M-55                             | 9               | 9                 | 1978         |                           |
| • 175mm M107                             | 36              | 36                | 1976         |                           |
| • 155mm Firtina                          | 130             | 130               | 2003         |                           |
| • 155mm M44T                             | 222             | 222               | 1992         |                           |
| • 155mm M52T                             | 365             | 365               | 1995         |                           |
| • 105mm M108                             | 26              | 26                | 1982         |                           |
| Subtotal                                 | 1,007           | 1,007             |              |                           |
| <b>Towed guns and howitzers</b>          |                 |                   |              |                           |
| • 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             |              |                           |
| <b>Mortars, under 160mm</b>              |                 |                   |              |                           |
| • 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            |              |                           |
| <b>Rockets</b>                           |                 |                   |              |                           |
| • 302mm TR-300 Kasirga                   | 30              | 30                | 2000         |                           |
| <b>MRLs</b>                              |                 |                   |              |                           |
| • 227mm MLRS                             | 12              | 12                | 1988         |                           |
| • 122mm T-122                            | +               | +                 |              |                           |
| • 107mm T-107                            | 48              | 48                | 1975         |                           |
| Subtotal                                 | ~70             | ~70               |              |                           |
| <b>Total</b>                             | <b>~4,800</b>   | <b>~4,500</b>     |              |                           |
| <b>Future procurement</b>                |                 |                   |              |                           |
| • Toros 230/260mm                        |                 |                   |              | In cooperation with China |
| • 155mm Firtina SP2000/ 155mm K9         | 300             |                   |              | Delivery in progress      |

## Turkey

### Ground Surveillance

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

### Logistic and Engineering Equipment

Mine laying and clearing, bar mine-clearing system, crossing equipment, M48 ECVs (20), National HET

#### Future procurement

Pars MFABs (52), Leguan AVLBs (36)

### 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  |                            |
| <b>Total</b>       | <b>1,023</b> |          |       |                            |

## Turkey

### Air Force

#### Order-of-Battle

| Category    | Quantity | In service | Notes |
|-------------|----------|------------|-------|
| Combat      | 400      | 356        |       |
| Transport   | 92       | 92         |       |
| Helicopters | 430      | 412        |       |

#### Combat Aircraft

| Model                      | Quantity   | In service | Since | Notes                                   |
|----------------------------|------------|------------|-------|---|
| <b>Advanced multi-role</b> |            |            |       |   |
| • F-16C/D                  | 212        | 208        | 1987  | 40 of the older versions are to be sold |
| <b>Multi-role</b>          |            |            |       |   |
| • F-4E 2020                | 50         | 50         | 1999  |   |
| • F-4E                     | 70         | 40         | 1973  | 18 listed also as reconnaissance        |
| Subtotal                   | 130        | 90         |       |   |
| <b>Obsolete</b>            |            |            |       |   |
| • F-5A/B                   | 58         | 58         | 1965  |   |
| <b>Total</b>               | <b>400</b> | <b>356</b> |       |   |
| <b>Future procurement</b>  |            |            |       |   |
| • F-4E 2020                | 48         |            |       | Under negotiation                       |
| • F-35 JSF                 | 100        |            |       | Under negotiation                       |
| • F-16 Block 52            | 30         |            |       | Delivery in 2013                        |
| • F-16 C/D                 | 117        |            |       | To be upgraded                          |

#### Transport Aircraft

| Model                     | Quantity  | In service | Since | Notes                                   |
|---------------------------|-----------|------------|-------|---|
| • C-160D                  | 18        | 18         | 1971  |   |
| • C-130E                  | 7         | 7          | 1964  | To be upgraded                          |
| • C-130B                  | 6         | 6          | 1991  | To be converted to EW role              |
| • Citation (VIP)          | 5         | 5          | 1985  |   |
| • CN-235                  | 56        | 56         | 1991  | 2 employed in EW role, further 9 in MP. |
| <b>Total</b>              | <b>92</b> | <b>92</b>  |       |   |
| <b>Future procurement</b> |           |            |       |   |
| • C-130B/E                | 13        |            |       | To be upgraded by 2012                  |
| • A-400M                  | 10        |            |       |   |

## Turkey

### Training and Liaison Aircraft

| Model                     | Quantity   | In service | Since | Notes   |
|---------------------------|------------|------------|-------|---|
| <b>Jet trainers</b>       |            |            |       |   |
| • F-5 2000                | 46         | 46         | 2002  |   |
| • T-38 (F-5)              | 70         | 70         | 1965  |   |
| • Cessna 318 (T-37)       | 57         | 57         | 1960  |   |
| Subtotal                  | 173        | 173        |       |   |
| <b>Piston/Turbo-prop</b>  |            |            |       |   |
| • TB-20                   | 7          | 7          | 2000  |   |
| • SF-260D                 | 39         | 39         | 1990  |   |
| • Cessna 172 (T-41)       | 51         | 51         | 1972  | 26 with Army Aviation   |
| Subtotal                  | 97         | 97         |       |   |
| <b>Total</b>              | <b>270</b> | <b>270</b> |       |   |
| <b>Future procurement</b> |            |            |       |   |
| • KT-1                    | 40         |            |       | Delivery in 2012. To replace T-37. Option for 15 Additional aircraft. |

### Helicopters

| Model                   | Quantity | In service | Since | Notes  |
|-------------------------|----------|------------|-------|--|
| <b>Attack</b>           |          |            |       |  |
| • AH-1W/P               | 35       | 35         | 1990  | With Army Aviation                                 |
| <b>Medium transport</b> |          |            |       |  |
| • AS-532 Cougar         | 47       | 47         | 1995  | 26 With Army Aviation                              |
| • Mi-17                 | 18       | 0          | 1995  | With gendarmerie                                   |
| • S-70A Blackhawk       | 85       | 85         | 1992  | 35 with gendarmerie                                |
| • AB-412EP              | 11       | 11         | 2003  | With coastguard                                    |
| • UH-1H/AB-204/ AB-205  | 140      | 140        | 1966  | 120 with Army Aviation and 3 with Navy             |
| Subtotal                | 301      | 283        |       |  |
| <b>Light transport</b>  |          |            |       |  |
| • MD 600N               | 10       | 10         | 2005  | With Police  |
| • AB 206                | 32       | 32         | 1968  | 3 with Coast Guard                                 |
| • H-300C                | 28       | 28         | 1982  | With Army Aviation                                 |
| • OH-58B                | 3        | 3          | 1994  | With Army Aviation                                 |
| Subtotal                | 73       | 73         |       |  |
| <b>Naval attack</b>     |          |            |       |  |
| • AB-212                | 14       | 14         | 1985  | 12 with Navy, in ASW role and 2 with Army Aviation |

## Turkey

| Model                     | Quantity   | In service | Since | Notes  |
|---------------------------|------------|------------|-------|--|
| • S-70B Seahawk           | 7          | 7          | 2002  |  |
| Subtotal                  | 21         | 21         |       |  |
| <b>Total</b>              | <b>430</b> | <b>412</b> |       |  |
| <b>Future procurement</b> |            |            |       |  |
| • CH-47D Chinook          | 10         |            |       | Under negotiations   |
| • T129 Mangusta           | 51         |            |       | Delivery in 2012,<br>option for 41<br>additional helicopters |
| • AB-412EP                | 15         |            |       | Being delivered  |
| • S-92                    | 1          |            |       | VIP  |
| • S-70B Seahawk           | 17         |            |       | Delivery by 2010   |

### Miscellaneous Aircraft

| Model                        | Quantity | In service | Since | Notes                                   |
|------------------------------|----------|------------|-------|---|
| <b>Reconnaissance</b>        |          |            |       |   |
| • RF-4E                      | 12       | 12         | 1977  | Also listed under<br>Combat Aircraft    |
| <b>ELINT/EW</b>              |          |            |       |   |
| • CN 235                     | 2        | 2          | 1991  | Also listed under<br>Transport Aircraft |
| <b>Maritime surveillance</b> |          |            |       |   |
| • CN-235 MP                  | 9        | 3          | 2007  | Mission computer<br>being installed     |
| • ATR-72 ASW                 | 1        | 1          | 2008  | Being delivered                         |
| • Maule MX 7                 | 1        | 1          | 1993  | With Coast Guard                        |
| <b>Tankers</b>               |          |            |       |   |
| • KC-135R                    | 7        | 7          | 1995  |   |
| <b>UAVs and mini-UAVs</b>    |          |            |       |   |
| • Heron UAVs                 | 2        | 2          | 2008  | Delivery in<br>progress                 |
| • Aerostar                   | 3        | 3          | 2007  |   |
| • Searcher                   | 1        | 1          | 2008  | On lease form IAI                       |
| • Bayraktar mini-UAVs        | 76       | 76         | 2008  |   |
| • Gnat 750                   | 2        | 2          | 1994  |   |
| • Harpy attack drones        | 108      | 108        | 2002  |   |
| <b>Target drones</b>         |          |            |       |   |
| • Turna                      | +        | +          | 2001  |   |
| <b>Future procurement</b>    |          |            |       |   |
| • Boeing 737 AEW             | 4        |            |       | Delivery by 2010                        |
| • Hermes 450                 |          |            |       | Under negotiations                      |
| • Heron UAVs                 | 10       |            |       | Being delivered                         |
| • ATR-72 ASW                 | 10       |            |       | Being delivered                         |

## Turkey

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### Advanced Armament

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#### Air-to-air-missiles

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

#### Air-to-ground-missiles

AGM-88 HARM (100), AGM-65 A/G/F Maverick (300), AGM-142 PopeyeI/II (100) , Sea Skua (36), BLU-107 Durandel (523), Hellfire II (200)

#### Avionics

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

#### Future procurement

Penguin (16), ALQ-178 (V) ECMs (80) , AGM-154 JSOW (104), JDAM (500), WCMD (100), AIM-9X sidewinder (105), AGM-84K SLAM-ER (57) , Mk-54 Lightweight Torpedoes (100) , AWW-13 data-link pods (10), ALQ-211 AIDEWS ECMs (30), IMINT reconnaissance pods , AIM-120 AMRAAMs (107) , AAQ-33 SNIPER pods (30)

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

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### Air Force Infrastructure

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#### 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

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## Turkey

### Air Defense Forces

#### Surface-to-Air Missiles

| Model                             | Batteries | Launchers  | Since | Notes                     |
|-----------------------------------|-----------|------------|-------|---------------------------|
| <b>Heavy missiles</b>             |           |            |       |                           |
| • Nike Hercules                   | 24        |            | 1970  | 8 squadrons, 24 batteries |
| <b>Light missiles</b>             |           |            |       |                           |
| • Rapier B1X                      |           | 78         | 1999  | Upgraded                  |
| • Zipkin/ Atilgan                 |           | 100        | 2004  | Stinger SP                |
| • Rapier                          |           | 8          | 1984  |                           |
| <b>Total</b>                      |           | <b>196</b> |       |                           |
| <b>Shoulder-launched missiles</b> |           |            |       |                           |
| • Stinger                         |           | 108        | 1991  |                           |
| • Redeye                          |           | 790        | 1986  |                           |
| <b>Total</b>                      |           | <b>898</b> |       |                           |
| <b>Future procurement</b>         |           |            |       |                           |
| • I-Hawk PIP-2                    | 18        |            |       |                           |
| • Rapier B1X                      | 12        |            |       | Under negotiations        |
| • Atilgan/ Stinger SP             |           | 70         |       | Being delivered           |
| • Zipkin/ Stinger SP              |           | 100        |       | Being delivered           |

#### Other Air Defense Systems

| Model                     | Quantity     | In service   | Since | Notes |
|---------------------------|--------------|--------------|-------|-------|
| <b>Short-range guns</b>   |              |              |       |       |
| • 40mm L60/70             | 800          | 800          | 1970  |       |
| • 40mm T1                 | 40           | 40           |       |       |
| • 40mm M42 A1 SP          | 260          | 260          | 1976  |       |
| • 35mm GDF-003            | 120          | 120          | 1984  |       |
| • 20mm GAI-DO1            | 440          | 440          | 1975  |       |
| <b>Total</b>              | <b>1,660</b> | <b>1,660</b> |       |       |
| <b>Radars</b>             |              |              |       |       |
| • AN/FPS-117              | 1            | 1            | 1993  |       |
| • HR-3000 (Hadr)          | 3            | 3            | 1990  |       |
| • TRS-2100 (Tiger)        | 2            | 2            | 1988  |       |
| • MPQ-64 Sentinel         | 9            | 9            | 1998  |       |
| • TRS-22XX                | 14           | 14           | 2001  |       |
| • TRS-2000                | 4            | 4            | 1999  |       |
| • RAT-31DL                | 4            | 4            | 2001  |       |
| • AN/TPS-59               | +            | +            |       |       |
| <b>Future procurement</b> |              |              |       |       |
| • P-STAR                  | +            | +            |       |       |

## Turkey

### Navy

#### Submarines

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

#### Combat Vessels

| Type                               | Quantity | Length (m.)/<br>displacement (t.) | Notes/armament   |
|------------------------------------|----------|-----------------------------------|--|
| <b>Frigates</b>                    |          |                                   |  |
| • Barbaros (MEKO 200 track II-A/B) | 4        | 116.7/3,350                       | 1xAB-212 ASW<br>helicopter<br>8xHarpoon SSMs<br>2xSeasparrow 8 SAMs<br>6x324mm torpedoes<br>1x127mm gun<br>3xOerlicon 25mm AD<br>gun |
| • Yavuz (MEKO 200)                 | 4        | 115.5/2,414                       | 1xAB-212 ASW<br>helicopter<br>8xHarpoon SSMs<br>6x324mm torpedoes<br>8xSeasparrow SAMs<br>1x127mm gun<br>3xOerlicon 25mm AD<br>guns  |
| • Gaziantep (Oliver Perry class)   | 8        | 135.6/3,638                       | Being upgraded with<br>Genesis and ESSM<br>2 x AB-212 ASW<br>helicopters<br>4xHarpoon SSMs<br>36xStandard SAMs<br>6x324mm torpedoes  |

## Turkey

| Type                                    | Quantity | Length (m.)/<br>displacement (t.) | Notes/armament  |
|---|----------|-----------------------------------|---|
| • Tepe (Knox class)                     | 4        | 134/3,011                         | 1x76mm gun<br>1x20mm Phalanx AD gun<br>1xAB-212 ASW helicopter<br>8xHarpoon SSMs<br>1xASROC Mk112 8 torpedo launcher<br>4x324mm torpedoes<br>1x20mm Vulcan Phalanx AD gun |
| • Burak (d'Orves Type 69A)              | 6        | 80.5/1,175                        | 1x127mm gun<br>2x38MM Exocet SSMs<br>2xMistral SAMs<br>1x100mm gun<br>2x20mm guns<br>4xECAN L5 torpedoes<br>1xCreusot Mk54 6 ASW mortar                                   |
| Subtotal<br><b>MFPBs</b>                | 26       |                                   |   |
| • Doğan class                           | 8        | 58.1/436                          | 8xHarpoon SSMs<br>1x76mm gun<br>2x35mm guns   |
| • Kiliç class                           | 4        | 57.8/433                          | 8xHarpoon SSMs<br>1x76mm gun<br>1x40mm gun  |
| • Yıldız class                          | 2        | 57.8/433                          | 8xHarpoon SSMs<br>1x76mm gun<br>2x35mm guns   |
| • Kartal (Jaguar class)                 | 8        | 42.5/160                          | 2-4xPenguin SSMs<br>2x533mm torpedoes<br>2x40mm guns<br>4 mines   |
| Subtotal<br><b>Mine warfare vessels</b> | 22       |                                   |   |
| • Aydın MHV-54 (Type 332MJ)             | 6        | 54.5/715                          | 1x30mm gun<br>2 Robot seeker/ destroyer mechanical sweep  |
| • Silifke class (MSC 289)               | 5        | 43/320                            | Sonar search<br>2x20mm guns   |
| • Karamürsel (Vegasack class)           | 6        | 47.3/362                          | Active mine detectors<br>2x20mm guns<br>(2 serve as patrol boats, 1 serves as an auxilliary ship)   |

## Turkey

| Type                            | Quantity  | Length (m.)/<br>displacement (t.) | Notes/armament   |
|---------------------------------|-----------|-----------------------------------|--|
| • Ospray minesweeper            | 2         |                                   | From US drawdown   |
| • Edincik (Circé class)         | 5         | 50.9/495                          | Robot seeker/ destroyer<br>1x20mm gun  |
| • Foça (Cove class)             | 4         | 34/180                            | 1x12.7 MG  |
| • Dalgiç (Mine hunting tenders) | 6         | 21.8/70                           | 1x12.7 MG  |
| • Samandira (Minelayer tender)  | 2         | 19.6/72                           |  |
| Subtotal                        | 36        |                                   |  |
| <b>Total</b>                    | <b>84</b> |                                   |  |
| <b>Future procurement</b>       |           |                                   |  |
| • TF-2000                       | 4         | 2,000 ton                         |  |
| • Milgem                        | 8         |                                   | Delivery in 2012   |
| • New Type PBs                  | 16        | 54/400                            | To be delivered by 2014;<br>To be employed in ASW role.<br>1x40mm gun<br>2x12.7mm guns |

### Patrol Craft

| Type                            | Quantity | Length (m.)/<br>displacement (t.) | Notes/armament  |
|---------------------------------|----------|-----------------------------------|---|
| • Hisar class (PC – 1638)       | 2        | 53/325                            | 1xHedgehog Mk<br>15 24 ASW rocket launchers<br>1x40mm gun<br>4x20mm guns                |
| • Trabzon class                 | 2        | 50/370                            | 1x40mm gun<br>2x12.7mm MGs  |
| • Turk class                    | 7        | 40.2/170                          | 1xMousetrap Mk 20 4<br>ASW rocket launcher<br>2x40mm guns<br>1x20mm gun<br>2x12.7mm MGs |
| • PGM -71 class                 | 4        | 30.8/130                          | 2xMousetrap Mk 22 8<br>ASW rocket launchers<br>1x40mm gun<br>4x20mm guns                |
| • Taskizak (Large patrol craft) | 12       | 40.7/195                          | 1x40mm gun<br>2x12.7mm MGs (with Coast Guard)   |
| • Gölcük (Large patrol craft)   | 14       | 40.2/180                          | 1x40mm gun<br>2x12.7mm MGs (with  |

## Turkey

| Type                      | Quantity   | Length (m.)/<br>displacement (t.) | Notes/armament   |
|---------------------------|------------|-----------------------------------|--|
| • SAR 33 Type             | 10         | 34.6/180                          | Coast Guard)<br>1x40mm gun<br>2x12.7mm MGs (with<br>Coast Guard) |
| • SAR 35 Type             | 4          | 36.6/210                          | 1x40mm gun<br>2x12.7mm MGs (with<br>Coast Guard)                 |
| • KW 15 class             | 4          | 28.9/70                           | 1x40mm gun<br>2x20mm guns (with<br>Coast Guard)                  |
| • Kaan 33                 | 15         | 35.7/124                          | 1x40mm gun<br>1x20mm gun (with Coast<br>Guard)                   |
| • Kaan 29 (Seaguard)      | 10         | 29/ 95                            | 1x40mm gun<br>1x20mm gun (with Coast<br>Guard)                   |
| • Kaan 15 (Yonca)         | 18         | 15.1/19                           | 2x12.7mm MGs (with<br>Coast Guard)                               |
| • Coastal patrol craft    | 11         | 14.6/29                           | 1x25mm or<br>1x12.7mm MG (with<br>Coast Guard)                   |
| Coastal patrol craft      | 2          | 16.8/45                           | 1x12.7mm MG (with<br>Coast Guard)                                |
| • Inshore patrol craft    | 1          | 11.6/10                           | 1x12.7mm MG (with<br>Coast Guard)                                |
| • Harbor patrol craft     | 1          | 17/35                             | (with Coast Guard)   |
| <b>Total</b>              | <b>117</b> |                                   |  |
| <b>Future procurement</b> |            |                                   |  |
| • Kaan 33                 | 7          |                                   |  |
| • Sirio class OPV         | 4          | 88.4/1200                         | To be delivered by 2011  |

## Turkey

### Landing Craft

| Type                               | Quantity  | Length (m.)/<br>displacement (t.) | Notes/armament   |
|------------------------------------|-----------|-----------------------------------|--|
| • Osman Gazi (LST)                 | 1         | 105/3,773                         | 900 troops, 15 tanks<br>4 LCVPs<br>3x40mm guns<br>2x35mm guns<br>2x20mm guns |
| • Sarucabey (LST)                  | 2         | 92/2,600                          | 600 troops, 11 tanks<br>2 LCVPs<br>3x40mm guns<br>4x20mm guns                |
| • Ertuğrul (Terrebonne Parish LST) | 2         | 117.1/5,800                       | 395 troops, 2,200 ton<br>4 LCVPs<br>6x76mm guns                              |
| • LCM-8                            | 17        | 22/113                            | 140 troops or 60 ton<br>2x12.7mm MGs   |
| • LCT                              | 23        | 59.6/600                          | 100 troops, 5 tanks<br>2x20mm guns<br>2x12.7mm MGs                           |
| • Edic Type (LCT)                  | 1         | 57/580                            | 100 troops, 5 tanks<br>2x20mm guns<br>2x12.7mm MGs                           |
| • Fast intervention craft          | 2         | 16.8/18                           | 10 troops  |
| <b>Total</b>                       | <b>48</b> |                                   |  |
| <b>Future procurement</b>          |           |                                   |  |
| • LCT                              | 8         |                                   | Under negotiations   |

### Auxiliary Vessels

| Type                           | Quantity | Length (m.)/<br>displacement (t.) | Notes/armament                      |
|--------------------------------|----------|-----------------------------------|-------------------------------------|
| • Tankers                      | 8        | 1,440-19,000                      | 2x20mm guns                         |
| • Water tankers                | 11       | 300-1,200 tons                    |                                     |
| • Salvage/Rescue               | 2        | 1,200-1,600 tons                  | 20mm guns<br>76mm guns<br>40mm guns |
| • 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<br>4x40mm guns         |
| • Iskanderun transport ship    | 1        | 127.5/10,580                      |                                     |
| • Training craft               | 8        | 28.8/94                           |                                     |
| • Transport                    | 49       | Various sizes                     |                                     |

## Turkey

| Type                 | Quantity | Length (m.)/<br>displacement (t.) | Notes/armament              |
|----------------------|----------|-----------------------------------|-----------------------------|
| • Akar Support ship  | 2        | 145.1/19,350                      |                             |
| • Tugs               | 22       | 750; 1,235tons                    |                             |
| • Barrack ships      | 2        |                                   |                             |
| • Floating docks     | 14       |                                   | 400-16,000 ton. Lift        |
| • Torpedo retrievers | 3        |                                   |                             |
| • Boom defense       | 1        | 560-780 tons                      | 3-4 20mm, 76mm or 40mm guns |

### Coastal Defense

#### Future procurement

IMSS system, includes 3 DR3000 radars, 3 Suricate 2000 Elint systems, and an integrations center by Thales. To be completed in 5 – 10 years

### 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 3

#### and repair facilities

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       |       |