In FY2015, DoD maintenance accounted for $71.5 billion, or approximately 13 percent of the total DoD resource allocation of $565.4 billion.

The combined effort of approximately 617,000 military and civilian maintainers and thousands of commercial firms was devoted to the maintenance and materiel readiness of 13,957 aircraft; 797 strategic missiles; 421,319 ground combat and tactical vehicles; 232 ships; and myriad other DoD weapons systems.

This FY2016 DoD Maintenance Fact Book outlines the cost and scope of maintenance as well as the people, organizations, and locations performing maintenance. It also contains information about DoD maintenance capabilities and programs across major depots and shipyards, as well as intermediate and organizational level maintenance units throughout the world.

This 2016 Fact Book identifies current and past winners of the Phoenix Award, the Secretary of Defense Award for Field-Level Maintenance, the Robert T. Mason Award for Depot Maintenance Excellence, and the Excellence in Maintenance Training, Advice, and Assistance of Foreign Security Forces.
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Maintenance Overview

Systems Supported by DoD Maintenance

37,867 combat vehicles 797 strategic missiles

232 ships 13,957 aircraft
+ 383,452 tactical vehicles
+ Communications/electronics equipment
+ Support equipment
+ Other systems

Maintained by:
617,000 DoD personnel
Private-sector companies

Maintenance cost:
$71.5 billion

Numbers shown are approximate.
Maintenance Overview

Scope of DoD Maintenance—FY2015

DoD Personnel

Maintenance Personnel = 491K military and 126K civilian

Includes both hardware and software maintenance of weapon systems and related components; excludes maintenance of real property, installations, and utilities.
Maintenance Overview

Scope of DoD Maintenance—FY2015

DoD Actual Spending

Total Spending = $565.4 billion

Spending for FY2015 materiel maintenance includes baseline budget and Overseas Contingency Operations (OCO) appropriations.
Maintenance Overview

FY2016 Funding for DoD

Total obligation authority: $584.7 billion*

- RDT&E $70.0
- O&M $245.4
- Procurement $119.9
- Military Personnel $138.6
- Other** $10.8

- Army 25% $60.4 billion
- Dept. of Navy 22% $54.6 billion
- Air Force 23% $55.3 billion
- Defense-wide 31% $75.1 billion

Maintenance is historically funded 60% by O&M and 40% by Military Personnel appropriations.

* Includes baseline budget ($525.7 billion) and Overseas Contingency Operations ($59.0 billion) as of the February 2016 President's Budget Request.

** Includes military construction, family housing, and revolving and management funds.
DoD materiel maintenance is performed at different levels, ranging in complexity from daily system inspection to rapid removal and replacement of components to the complete overhaul or rebuild of weapon systems.
Maintenance Workforce

DoD Maintainers by State and Territory

Maintenance Workforce data derived from end of FY2015 Defense Manpower Data Center files that identify maintainers by military and civilian personnel skill codes.

Numbers shown are approximate
Maintenance Workforce

DoD Maintainers Worldwide

Data derived from Defense Manpower Data Center files.

Numbers shown are approximate.
Data derived from Defense Manpower Data Center files.

Numbers shown are approximate.
Maintenance Workforce

Personnel Strength of Field- and Depot-Level Maintenance

~570K field-level maintainers

Includes approximately 27K National Guard technicians, 8K Reserve technicians, and 44K other civilian maintainers.

~79K depot-level maintainers

There are also 31K engineers, scientists, analysts, supply specialists, and other civilian non-maintainers essential to maintenance production.

Data derived Defense Manpower Data Center files.

Numbers shown are approximate.
**Maintenance Workforce**

**DoD Maintainers by Military Service**

<table>
<thead>
<tr>
<th>Service</th>
<th>Personnel (in thousands)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Army</td>
<td>222</td>
</tr>
<tr>
<td>Navy</td>
<td>179</td>
</tr>
<tr>
<td>Air Force</td>
<td>161</td>
</tr>
<tr>
<td>Marine Corps</td>
<td>52</td>
</tr>
<tr>
<td>Other DoD</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total DoD Maintainers</strong></td>
<td><strong>617</strong></td>
</tr>
</tbody>
</table>

Numbers shown are approximate.
Maintenance Workforce

DoD Maintainers by Personnel Category

<table>
<thead>
<tr>
<th>Category</th>
<th>Personnel (in thousands)</th>
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<tr>
<td>Active Duty Enlisted</td>
<td>318</td>
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<tr>
<td>Guard/Reserve Enlisted</td>
<td>154</td>
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<td>Guard/Reserve Officer</td>
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<tr>
<td>Civilian Blue Collar</td>
<td>89</td>
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<tr>
<td>Civilian White Collar</td>
<td>37</td>
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<tr>
<td>Total DoD Maintainers</td>
<td>617</td>
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</table>

Numbers shown are approximate.
Maintenance Workforce

Active Duty Maintainers

<table>
<thead>
<tr>
<th>Officers</th>
<th>Enlisted</th>
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</thead>
<tbody>
<tr>
<td>57.3% Commissioned Officers</td>
<td>64.8% Mechanical/Electrical</td>
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<tr>
<td>42.7% Warrant Officers</td>
<td>24.7% Electronic</td>
</tr>
<tr>
<td></td>
<td>4.2% Craftworkers</td>
</tr>
<tr>
<td></td>
<td>6.3% Others</td>
</tr>
</tbody>
</table>
Maintenance Workforce

National Guard and Reserve Maintainers

<table>
<thead>
<tr>
<th>Officers</th>
<th>Enlisted</th>
</tr>
</thead>
<tbody>
<tr>
<td>47.8% Commissioned Officers</td>
<td>69.8% Mechanical/Electrical</td>
</tr>
<tr>
<td>52.2% Warrant Officers</td>
<td>17.6% Electronic</td>
</tr>
<tr>
<td></td>
<td>8.0% Craftworkers</td>
</tr>
<tr>
<td></td>
<td>4.5% Others</td>
</tr>
</tbody>
</table>
### Maintenance Workforce

#### DoD Civilian Maintainers

<table>
<thead>
<tr>
<th>White Collar</th>
<th>Blue Collar</th>
</tr>
</thead>
<tbody>
<tr>
<td>39.5% Electrical/Mechanical &amp; Electronic</td>
<td>61.4% Mechanical/Electrical</td>
</tr>
<tr>
<td>19.0% Production Management</td>
<td>25.1% Craftworkers</td>
</tr>
<tr>
<td>9.3% Communications &amp; Radar</td>
<td>11.4% Electronic</td>
</tr>
<tr>
<td>11.5% Aviation Maintenance</td>
<td>2.0% Others</td>
</tr>
<tr>
<td>20.6% Others</td>
<td></td>
</tr>
</tbody>
</table>
Field-Level Maintenance

Major Intermediate Maintenance Activities, Active Components

**Army**
- 45 aviation maintenance companies
- 289 ground maintenance companies
- 1 watercraft maintenance company

**Navy**
- 12 shore-based I-level fleet readiness centers (FRCs)
- 6 shore-based overseas aircraft intermediate maintenance departments (AIMDs)
- 19 shipboard AIMDs
- 8 ship/submarine intermediate maintenance facilities (IMFs)

**Air Force**
- 57 aircraft, missile, and munitions maintenance groups (MXGs)

**Marine Corps**
- 11 marine aviation logistics squadrons (MALs)
- 3 maintenance battalions
Field-Level Maintenance

Major Intermediate Maintenance Activities, Reserve Components

**Army National Guard**
- Maintenance companies: 35 aviation, 309 ground
- Approximately 13,000 maintainers primarily assigned to field maintenance shops, training and support sites, combined support maintenance shops, and aviation support facilities in each state or territory
- 4 Theater Aviation Sustainment Maintenance Groups (TASMGs)

**Army Reserve**
- Maintenance companies: 7 aviation, 35 ground, 1 watercraft
- Approximately 2,000 maintainers assigned across the four regional support commands, working primarily at dispersed equipment concentration sites (ECSs) or area maintenance support activity (AMSA) locations

**Navy Reserve**
- 4 shore-based I-level FRCs

**Air National Guard/Air Force Reserve**
- 107 aircraft, missile, and munitions MXGs

**Marine Corps Reserve**
- 2 MALs
- I-level maintenance functions reorganized within 2 Combat Logistics Battalions (CLBs)

Excludes provisional units.
Depot-Level Maintenance

Major Depot-Level Activities by Location and Category

Shipyard:
- Navy (4)

Vehicle and Armament:
- Army (2)
- Marine Corps (2)

Aviation:
- Army (1)
- Navy (3)
- Air Force (3)

Missile:
- Army (1)

Communications and Electronics:
- Army (1)
Activities shown perform software maintenance, which includes the repair, adaptive modifications or upgrades, and change events (for example, integration and testing) made to operational software resident in either a weapon system or support equipment that is integral to operations or sustainment of a weapon system. This can include the modifications or upgrades necessary to ensure safety and relevance in operation and interoperability with other systems.
# Depot-Level Maintenance

DoD Depot-Level Software Maintenance Activities by Organization and Location

<table>
<thead>
<tr>
<th>Army</th>
<th>Navy</th>
</tr>
</thead>
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<tr>
<td>AMRDEC, Redstone Arsenal, AL</td>
<td>NAWC-WD, CA</td>
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<tr>
<td>ARDEC SEC Picatinny Arsenal, NJ</td>
<td>NAWC-AD, MD</td>
</tr>
<tr>
<td>CECOM SEC/CERDEC SED Aberdeen (APG), MD</td>
<td>NAWC-TSD, FL</td>
</tr>
<tr>
<td>CECOM SEC/CERDEC SED Ft. Huachuca, AZ</td>
<td>NSWC Crane, IN</td>
</tr>
<tr>
<td>CECOM SEC/CERDEC SED Ft. Sill, OK</td>
<td>NSWC Corona, CA</td>
</tr>
<tr>
<td>TARDEC Detroit Arsenal, MI</td>
<td>NSWC Dahlgren, VA</td>
</tr>
<tr>
<td></td>
<td>NSWC Panama City, FL</td>
</tr>
<tr>
<td></td>
<td>NUWC Newport, RI</td>
</tr>
<tr>
<td></td>
<td>NUWC Keyport, WA</td>
</tr>
<tr>
<td></td>
<td>SPAWAR Systems Center Pacific, CA</td>
</tr>
<tr>
<td></td>
<td>SPAWAR Systems Center Atlantic, SC</td>
</tr>
<tr>
<td>Air Force</td>
<td></td>
</tr>
<tr>
<td>Ogden ALC, UT</td>
<td></td>
</tr>
<tr>
<td>Oklahoma City ALC, OK</td>
<td></td>
</tr>
<tr>
<td>Warner Robins ALC, GA</td>
<td></td>
</tr>
</tbody>
</table>
Depot-Level Maintenance

Organic-Commercial Mix of DoD’s Depot Maintenance Workload

Navy and Marine Corps as a Department: 51.3% Organic, 48.7% Commercial
DoD Overview

DoD Maintenance Governance

Maintenance Executive Steering Committee (MESC). The MESC serves as the executive governance body for DoD maintenance policy and programs. Together with its standing subcommittee, the Joint Group on Depot Maintenance (JG-DM), it provides guidance for joint planning, monitoring, and evaluation of the DoD maintenance program while helping to synergize, optimize and steer DoD enterprise maintenance strategy and practice. Governance authority for the MESC is derived from the positional authority and responsibilities of each member as they perform duties for their parent organization.
**Joint Group on Depot Maintenance (JG-DM).** The JG-DM is chartered by the MESC to promote and review depot maintenance functions at the enterprise level in order to achieve effective and affordable depot maintenance support for the nation’s weapon systems and to execute responsibilities assigned in Department of Defense Directive 4151.18. The Services provide a co-chair on a two year rotation to serve with the DASD (MPP).

**Joint Technology Exchange Group (JTEG).** The JTEG is chartered by the JG-DM to improve coordination in the introduction of new or improved technology, new processes, or new equipment into DoD depot maintenance activities. The JTEG seeks ways to better leverage technology improvements in maintenance by collaboration, effectiveness, and efficiency.
The DASD MPP Maintenance Planning and Operations strategy is supported by three pillars; (resources), (effectiveness and efficiency); and (reliability, maintainability and supportability). Focus on these pillars helps to ensure connectivity among warfighting capability, readiness, and maintenance requirements and budgets.

This pillar structure focuses maintenance leadership throughout the Department on developing and strengthening DoD maintenance capabilities, protecting and advocating for maintenance resource requirements, and establishing new efficient and effective maintenance capabilities at all levels.
2015 Phoenix Award Winner for Field-Level Maintenance

Winner: 801st Special Operations Aircraft Maintenance Squadron, Hurlburt Field, Florida United States Air Force

In 2014, the 801st Maintenance Squadron maintained 17 CV-22 Osprey aircraft:

- maintenance actions produced over 1,200 sorties and 3,500 flying hours, more than 28% of the 1st Special Operations Wing’s mission;
- facilitated the safe transportation and recovery of three battle damaged CV-22 aircraft valued at $267 million dollars for subsequent depot repair;
- achieved a deployed mission capable rate that exceeded the command standard by 24 percent; and
- authored 328 engineer requests resulting in modifications that saved over $8 million dollars and 2,000 man-hours.

The Phoenix Award winner is announced and presented annually at the DoD Maintenance Symposium.
Maintenance Awards

Past Winners of the Phoenix Award

2014  Strike Fighter Squadron 211, USN
2013  D Company, 3rd Battalion, 82nd Aviation Regiment, 82nd Airborne Division, USA
2012  Helicopter Maritime Strike Squadron 77, USN
2011  Marine Tactical Electronic Warfare Squadron 1, USMC
2010  Marine Aviation Logistics Squadron 40, USMC
2009  1st Squadron, 3rd Armored Cavalry Regiment, USA
2008  1st Special Operations Maintenance Group, USAF
2007  1st Maintenance Battalion, USMC
2006  3D Materiel Readiness Battalion, USMC
2005  3rd Battalion, 7th Field Artillery Regiment, USA
2004  Combat Service Support Battalion 10, Air Ground Combat Center, USMC
2003  3rd Battalion, 7th Infantry Regiment, USA
2002  USS ENTERPRISE (CVN 65), USN
2001  USS DWIGHT D. EISENHOWER (CVN 69), USN
2000  555th Fighter Squadron, USAF
1999  Norfolk Shore Intermediate Maintenance Activity, USN
1998  68th Transportation Battalion, USA
1997  1st Maintenance Battalion, USMC
1996  48th Fighter Wing, USAF
Maintenance Awards

Past Winners of the Phoenix Award

1995    51st Maintenance Battalion, USA
1994    1st Maintenance Battalion, 1st Force Service Support Group (FMFPAC), USMC
1993    Shore Intermediate Maintenance Activity, Charleston, SC, USN
1992    Marine Fighter Attack Squadron 235, USMC
1991    Marine Aviation Logistics Squadron 16, USMC
1990    1st Battalion, 29th Infantry Regiment, USA
1989    363rd Tactical Fighter Wing (TAC), USAF
1988    USS ACADIA (AD 42), USN
1987    50th Tactical Fighter Wing (USAFE), USAF
1986    416 Bombardment Wing (SAC), USAF
1985    USS JOHN F. KENNEDY (CV 67), USN
2016 Secretary of Defense Field-Level Maintenance Award Winners

**Small Category**
- Forward Support Co, 3rd BN, 7th Special Forces Group (Airborne)
  Eglin Air Force Base, Florida
  United States Army
- 31st Munitions Squadron
  Aviano Air Base, Italy
  United States Air Force

**Medium Category**
- Marine Aviation Logistics Squadron 29
  Marine Corps Air Station, New River, North Carolina
  United States Marine Corps
- 455th Expeditionary Aircraft Maintenance Squadron,
  455th Air Expeditionary Wing
  Bagram Airfield, Afghanistan
  United States Air Force

**Large Category**
- USS RONALD REAGAN (CVN-76)
  Forward Deployed, Yokosuka, Japan
  United States Navy
- 48th Maintenance Group
  Royal Air Force Lakenheath, England
  United States Air Force

The Field-Level Maintenance Awards are presented annually at the DoD Maintenance Symposium.
2016 Robert T. Mason Award for Depot Maintenance Excellence

Winner: USS ALEXANDRIA Engineered Overhaul Project Team
Portsmouth Naval Shipyard, Portsmouth, New Hampshire
United States Navy

During 2015, the USS ALEXANDRIA (SSN-757) Engineered Overhaul Project Team and the ship’s crew:

- executed a 280,000 man-day overhaul and delivered the ship back to the fleet two weeks ahead of schedule and $9 million under budget – the Navy’s fastest ever Engineered Overhaul;
- was able to meet every major milestone on or ahead of schedule with the best-ever quality and safety record;
- returning the USS ALEXANDRIA to the fleet early improved the quality of life for the ship’s crew and made the ship’s post-overhaul transition significantly less challenging and stressful; and
- upheld the highest traditions of the United States Naval Service and the mission of the Department of Defense.

The Depot-Level Maintenance Award is presented annually at the DoD Maintenance Symposium.
Maintenance Awards

Past Winners of the Robert T. Mason Award

2015  Test Measurement and Diagnostic Equipment Program, Marine Depot Maintenance, MCLB, Albany, Georgia
2014  F-22 Raptor Depot Maintenance Team, Ogden Air Logistics Complex, Utah
2013  UH-60 Black Hawk Recapitalization Program, Corpus Christi Army Depot, Texas
2012  C-130 Programmed Depot Maintenance Team, Warner Robins Air Logistics Center, Robins Air Force Base, Georgia
2011  KC-135 Programmed Depot Maintenance Team, Oklahoma City Air Logistics Center, Tinker Air Force Base, Oklahoma
2010  Emergent Repair Program, Pearl Harbor Naval Shipyard and Intermediate Maintenance Facility, Joint Base Pearl Harbor, Hickam, Hawaii
2009  Mine-Resistant, Ambush-Protected Vehicle Program, Red River Army Depot, Texarkana, Texas
2008  H-1 Aircraft Production Program, Fleet Readiness Center East, Marine Corps Air Station Cherry Point, North Carolina
2007  Dedicated Design and Prototype Effort, Marine Corps Maintenance Center, Albany, Georgia
2006  High Mobility Multipurpose Wheeled Vehicle (HMMWV) Recapitalization Program, Red River Army Depot, Texarkana, Texas
2005  Vehicle Armor Protective Kits Program, Marine Corps Maintenance Center, Albany, Georgia
2016 Secretary of Defense Award for Excellence in Maintenance Training, Advice, and Assistance of Foreign Security Forces

OPERATIONAL AWARD WINNER
438th Air Expeditionary Wing
9th Air Expeditionary Task Force
Kabul International Airport and Kandahar Air Field
United States Air Force Central Command

During 2016, the 438th Air Expeditionary Wing:
• provided maintenance training, advice, and assistance to the Afghan Air Force which was comprised of 56 MI-17, 16 MD-530 rotary wing aircraft, as well as 26 C-208 and four C-130 fixed wing aircraft,
• inspired the Afghan Air Force to mature its maintenance force and capability through innovative training, dedicated advising, and timely assistance,
• was instrumental in the Afghan Air Force generating 121 percent more missions, moving 142 percent more passengers and 276 percent more casualty evacuation movements than in the previous period of performance; and
• assisted the Afghan Air Force in completing 22,267 flight hours spread across 102 aircraft of five different types.

This Excellence in Maintenance Training, Advice, and Assistance of Foreign Security Forces Award is presented annually at the DoD Maintenance Symposium.
Maintenance Awards

Past Winners of the Secretary of Defense Award for Excellence in Maintenance Training, Advice, and Assistance of Foreign Security Forces

2015

MINISTERIAL AWARD WINNERS
Global Ministry of Defense Advisors Program, DoD Country Team -- Montenegro
Defense Security Cooperation Agency
Podgorica, Montenegro
Office of the Secretary of Defense

OPERATIONAL AWARD WINNERS
438th Air Expeditionary Wing
9th Air Expeditionary Task Force
Kabul International Airport and Kandahar Air Field
United States Air Force Central Command

317th Support maintenance Company
18th Combat Sustainment Support Battalion
16th Sustainment Brigade
United States Army Europe
Maintenance Awards

Past Winners of the Secretary of Defense Award for Excellence in Maintenance Training, Advice, and Assistance of Foreign Security Forces

2014

MINISTERIAL AWARD WINNERS

OPERATIONAL AWARD WINNERS
438th Air Expeditionary Wing 9th Air Expeditionary Task Force, Kabul International Airport, Kandahar Air Field, and Shindand Air Field United States Air Force Central Command
526th Brigade Support Battalion, 2nd Brigade Combat Team 101st Airborne Division, Combined Joint Task Force-10 Regional Command-East, Bagram Air Field, Afghanistan United States Army
# Acronyms

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Full Form</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD</td>
<td>Army Depot</td>
</tr>
<tr>
<td>AFB</td>
<td>Air Force Base</td>
</tr>
<tr>
<td>AIMD</td>
<td>Aircraft Intermediate Maintenance Department</td>
</tr>
<tr>
<td>ALC</td>
<td>Air Logistics Complex</td>
</tr>
<tr>
<td>AMRDEC</td>
<td>Aviation and Missile Research, Development and Engineering Center</td>
</tr>
<tr>
<td>AMSA</td>
<td>Area Maintenance Support Activity</td>
</tr>
<tr>
<td>AOR</td>
<td>area of responsibility</td>
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<tr>
<td>ARDEC</td>
<td>Armament Research, Development and Engineering Center</td>
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<tr>
<td>CECOM</td>
<td>Communications-Electronics Command</td>
</tr>
<tr>
<td>CERDEC</td>
<td>Communications-Electronics Research, Development and Engineering Center</td>
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<tr>
<td>CG</td>
<td>Guided Missile Cruiser</td>
</tr>
<tr>
<td>CLB</td>
<td>Combat Logistics Battalion</td>
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<tr>
<td>CONUS</td>
<td>Continental United States</td>
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<tr>
<td>CV</td>
<td>Multipurpose Aircraft Carrier</td>
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<tr>
<td>CVN</td>
<td>Carrier, Fixed Wing Aircraft, Nuclear</td>
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<tr>
<td>DA</td>
<td>Department of Army</td>
</tr>
<tr>
<td>DASD</td>
<td>Deputy Assistant Secretary of Defense</td>
</tr>
<tr>
<td>DLA</td>
<td>Defense Logistics Agency</td>
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<tr>
<td>DoD</td>
<td>Department of Defense</td>
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<tr>
<td>ECS</td>
<td>Equipment Concentration Site</td>
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<tr>
<td>FMFPAC</td>
<td>Fleet Marine Force, Pacific</td>
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<tr>
<td>FRC</td>
<td>Fleet Readiness Center</td>
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<tr>
<td>FY</td>
<td>Fiscal Year</td>
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<tr>
<td>HMMWV</td>
<td>High Mobility Multipurpose Wheeled Vehicle</td>
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<td>IMF</td>
<td>Intermediate Maintenance Facility</td>
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<td>MALS</td>
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<td>Maintenance Policy and Programs</td>
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<td>Maintenance Group</td>
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<td>Acronyms</td>
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<tr>
<td>NAWC</td>
<td>Naval Air Warfare Center</td>
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<td>Naval Surface Warfare Center</td>
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<td>NUWC</td>
<td>Naval Undersea Warfare Center</td>
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<tr>
<td>O&amp;M</td>
<td>Operations and Maintenance</td>
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<td>OCO</td>
<td>Overseas Contingency Operations</td>
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<td>OSD</td>
<td>Office of the Secretary of Defense</td>
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<td>Research, Development, Test, and Evaluation</td>
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<td>RM</td>
<td>Resource Management</td>
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<td>SAC</td>
<td>Strategic Air Command</td>
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<td>Supply Chain Integration</td>
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<td>Software Engineering Center</td>
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<td>Software Engineering Directorate</td>
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<tr>
<td>SPAWAR</td>
<td>Space and Naval Warfare Systems Command</td>
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<td>SW</td>
<td>Southwest</td>
</tr>
<tr>
<td>TAC</td>
<td>Tactical Air Command</td>
</tr>
<tr>
<td>TARDEC</td>
<td>Tank Automotive Research, Development and</td>
</tr>
<tr>
<td></td>
<td>Engineering Center</td>
</tr>
<tr>
<td>TASMG</td>
<td>Theater Aviation Sustainment Maintenance</td>
</tr>
<tr>
<td></td>
<td>Group</td>
</tr>
<tr>
<td>TMDE</td>
<td>Test Measurement and Diagnostic Equipment</td>
</tr>
<tr>
<td>USA</td>
<td>United States Army</td>
</tr>
<tr>
<td>USAF</td>
<td>United States Air Force</td>
</tr>
<tr>
<td>USAFE</td>
<td>United States Air Forces in Europe</td>
</tr>
<tr>
<td>USMC</td>
<td>United States Marine Corps</td>
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<tr>
<td>USN</td>
<td>United States Navy</td>
</tr>
<tr>
<td>USS</td>
<td>United States Ship</td>
</tr>
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</table>
Explanatory Notes

All facts and statistics depicted in the 2016 DoD Maintenance Fact Book relate to materiel maintenance.

The following terms are used throughout the fact book:

- **Depot level** for the most complex and extensive work.

- **Intermediate level** for less complex maintenance performed by operating unit back shops, base-wide activities, or consolidated regional facilities.

- **Organizational level** for more time-sensitive work performed in the field, on the flight line, or at the equipment site.

- **Field level** to signify the combination of the organizational and intermediate levels.

All financial and maintenance workforce charts in the fact book, unless otherwise noted, depict FY2015 year-end data.

Percentages with pie charts will not always equal 100% because of rounding.

This document is published for information only. It does not constitute official DoD correspondence.
An electronic version of the *Fact Book*, as well as other information relevant to the responsibilities and functions of DoD’s Maintenance Policy and Programs office, is located at: http://www.acq.osd.mil/logmpp/