

**Defense Health Program  
Fiscal Year (FY) 2017 Budget Estimates  
Operation and Maintenance  
Procurement Program**

**Appropriation Procurement (\$ M)**

| <b>Line</b> | <b>Item</b>   | <b>FY 2015</b> | <b>FY 2016</b> | <b>FY 2016</b> | <b>FY 2016</b>           | <b>FY 2017</b> | <b>FY 2017</b> | <b>FY 2017</b>           | <b>FY 2018</b>  | <b>FY 2019</b>  | <b>FY 2020</b>  | <b>FY 2021</b>  |
|-------------|---|----------------|----------------|----------------|--------------------------|----------------|----------------|--------------------------|-----------------|-----------------|-----------------|-----------------|
| <b>No.</b>  | <b>Nomenclature</b>   | <b>Actual</b>  | <b>Base</b>    | <b>OCO</b>     | <b>Total<br/>Enacted</b> | <b>Base</b>    | <b>OCO</b>     | <b>Total<br/>Request</b> | <b>Estimate</b> | <b>Estimate</b> | <b>Estimate</b> | <b>Estimate</b> |
| 1           | Items greater than \$250,000 each:  |                |                |                |                          |                |                |                          |                 |                 |                 |                 |
|             | Medical Equipment - Replacement/Modernization   | 219.212        | 330.504        | 0.000          | 330.504                  | 360.727        | 0.000          | 360.727                  | 324.283         | 404.358         | 403.576         | 415.957         |
|             | Medical Equipment - New Facility Outfitting   | 13.057         | 33.392         | 0.000          | 33.392                   | 20.611         | 0.000          | 20.611                   | 22.384          | 13.905          | 18.485          | 17.572          |
|             | Theater Medical Information Program - Joint   | 3.145          | 1.494          | 0.000          | 1.494                    | 0.000          | 0.000          | 0.000                    | 0.000           | 0.000           | 0.000           | 0.000           |
|             | Joint Operational Medicine Information System   | 0.000          | 0.000          | 0.000          | 0.000                    | 2.413          | 0.000          | 2.413                    | 77.358          | 75.688          | 75.150          | 73.605          |
|             | Integrated Electronic Health Record   | 3.199          | 0.000          | 0.000          | 0.000                    | 0.000          | 0.000          | 0.000                    | 0.000           | 0.000           | 0.000           | 0.000           |
|             | Information Technology Development and Sustainment - DoD Healthcare Management System Modernization | 0.000          | 0.000          | 0.000          | 0.000                    | 29.468         | 0.000          | 29.468                   | 499.193         | 547.160         | 532.476         | 474.888         |

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The Defense Health Program (DHP) procurement budget represents a critical element of the Department's capability to provide high quality, cost effective health care for active duty and other eligible beneficiaries. Funds identified in this submission support the acquisition of equipment for facilities in the Army, Navy, Air Force, and National Capital Region Medical Directorate (NCRMD). Those facilities range from sophisticated tertiary care medical centers to outpatient and dental clinics and physiological training units. This equipment is essential to provide high quality health care services that meet accepted standards of practice. The required safety standards, related laws and regulatory requirements from credentialing and health care standard setting organizations influence and affect the requirement for, cost of, and replacement and modernization of medical equipment. Without the identified resources for medical equipment, the Military Health System's capability to support the Department's mission requirements will be severely degraded.

The most significant medical equipment investments will be in the radiographic, surgical, and information systems functional areas. The driving factors are rapid technological advancements in these areas and the need for DoD's health care delivery system to maintain the standards of care set by the civilian health care sector. Procurement investments for information systems will cover software license acquisitions, infrastructure, hardware replacement such as End User Devices, Local Area Network (LAN) upgrades and servers supporting Military Health System (MHS) Information Management/Information Technology (IM/IT) which is composed of the Defense Health Agency Health Information Technology (DHA HIT) (the Tri-Service component, previously known as centrally-managed IM/IT), three Military Departments (MilDep) medical IM/IT components, Defense Health Agency (DHA Comptroller) IM/IT, and the National Capital Region Medical Directorate (NCRMD) IM/IT.

The new facility outfitting program element of the DHP's procurement budget funds the acquisition and installation of commercially available equipment to furnish new and expanded facilities being completed under military construction projects in support of dental services, health care delivery, health care training, and other health care activities. The items range from dental, surgical, radiographic, and pathologic equipment to medical administrative support equipment. The new facility outfitting program provides critical support to the DHP's military medical construction program.

TMIP-J integrates components of the Military Health System (MHS) sustaining base systems and the Services' medical information systems to ensure timely interoperable medical support for mobilization, deployment, and sustainment of all Theater and deployed forces in support of any mission. TMIP-J enhances the clinical care and information capture at all levels of care in Theater, transmits critical information to the Theater Commander; the evacuation chain for combat and non-combat casualties; and forges the theater links of the longitudinal health record to the sustaining base and the Department of Veterans Affairs (VA).

The mission of the Department of Defense (DoD) Joint Operational Medicine Information Systems (JOMIS) program is to modernize, deploy, and sustain the DoD's operational medicine systems. Maintaining complete and accurate medical records while in an operational environment is an essential part of patient care management. Practitioners need access to up-to-date patient health records to ensure that relevant data is accessible and interoperable to support effective clinical decision making and clinical information management. The approved Concepts of Operations for healthcare delivery requires end-to-end capability and covers garrison and expeditionary environments. As such, USD (AT&L) and USD (P&R) have directed that the DoD Healthcare Management System Modernization (DHMSM) program provide the electronic health record (EHR) core for all health IT platforms - both Garrison and Theater.

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The iEHR Increment 1 program completed delivery of its defined requirements in FY 2014 and entered sustainment in FY 2015. Based on departmental decision, the iEHR Increment 1 provides Medical Single Sign-On/Context Management (SSO/CM) only at James A. Lovell Federal Health Care Center (JAL FHCC).

- o Milestone B was achieved December 2012
- o Milestone C was achieved July 2014
- o Full Deployment Decision was achieved Dec 2014
- o Full Deployment declared March 2015

The iEHR Increment 1 funding will continue in sustainment, post Full Deployment (FD), and includes any additional Department of Defense (DoD) specific capabilities at JAL FHCC, as well as DoD staffing for the Interagency Program Office (IPO).

- DHMSM will acquire, deploy, and implement an electronic health record (EHR) system that replaces the DoD legacy MHS inpatient and outpatient EHR systems. The overarching goal of the program is to enable healthcare teams to deliver high-quality, safe, care and preventive services to patients through the use of easily accessible standards-based computerized patient records resulting in: improved accuracy of diagnoses and medication; improved impact on health outcomes; increased patient participation in the healthcare process; improved patient-centered care coordination; and increased practice efficiencies in all settings, including all DoD operational environments.
- DHMSM will be executed to deliver uniform information management options across both garrison and theater environments. DHMSM will focus on the replacement of inpatient and outpatient systems, and will encompass deployment of the enterprise EHR to fixed facilities as well as expeditionary components.
- DHMSM will replace the DoD legacy healthcare management systems with a commercial off-the-shelf capability that is open, modular, and standards-based with non-proprietary interfaces. DHMSM will support the Department's goals of net-centricity by providing a framework for full human and technical connectivity and interoperability that allows DoD users and mission partners to share the information they need, when they need it, in a form they can understand and act on with confidence, and protects information from those who should not have it.