Welcome to the New and Improved DMED 5.0

Please read the instructions carefully to learn about the significant changes that have been made. All current users of DMED will need to re-register to access the new version.

DMED is now only available online. All previous web and desktop versions have been disabled. Users will still have access to the same data as before — only it will be easier to use and the results will be easier to understand.

About DMED

DMED provides remote access to a subset of data contained within the Defense Medical Surveillance System (DMSS). DMSS contains up-to-date and historical data on diseases and medical events (e.g., hospitalizations, ambulatory visits, reportable diseases, etc.) and longitudinal data relevant to personnel characteristics and deployments experience for all active and reserve component service members. The DMED application provides a user-friendly interface to perform queries regarding disease and injury rates and relative burden of disease in active component populations.

The purpose of DMED is to standardize the epidemiologic methodology used to collect, integrate and analyze active component service member personnel and medical event data, and to provide authorized users with remote access to the summarized data. Using client-server technologies and database optimization, DMED users have unprecedented access to epidemiologic data on active component service members and tailored queries that respond in a timely and efficient manner.

DMED Users

DMED is available to authorized users such as U.S. military medical providers, epidemiologists, medical researchers, safety officers or medical operations/c clinical support staff for surveilling health conditions in the U.S. military. Civilian collaborators in military medical research and operations may also have access to DMED with documentation supporting their arrangements. The application for access to DMED is available below.
Defense Medical Surveillance System

The Armed Forces Health Surveillance Division (AFHSD) operates the Defense Medical Surveillance System (DMSS), a continuously expanding relational database that documents military and medical experiences of service members throughout their careers. As the central repository of medical surveillance data for the U.S. Armed Forces, DMSS contains up-to-date and historical data on diseases and medical events (e.g., hospitalizations, ambulatory visits, reportable medical events, MVE tests, and casualty data) and longitudinal data on personnel and deployments. AFHSD routinely publishes summaries of notifiable diseases, trends of illnesses of special surveillance interest and field reports describing outbreaks and case occurrences in the Medical Surveillance Monthly Report (MSMR), the principal vehicle for disseminating medical surveillance information of broad interest. Through DMSS, AFHSD provides the sole link between the DoD Serum Repository and other databases.

DMSS Data Structure

Selected Data Tables Integrated within the DMSS for all DoD Beneficiaries

- **PERSONNEL DATA**
  - Active Duty
    - Since 1916
    - 16 million records
    - 77 million records
  - Reserve Component
    - Since 1976
    - 17 million records
    - 123.5 million records
  - Active Duty Selected Reserve
    - 1997
    - 15 million records
    - 152.9 million records
  - Reserved Duty
    - Since 1990s
    - 5 billion records
- **MEDICAL DATA**
  - Inpatient
    - Since 1986
    - 16 million records
    - 71.5 million records
  - Outpatient
    - Since 1994
    - 3.5 million records
  - Laboratory
    - Since 1979
    - 70 million records
  - Immunizations
    - Since 1979
    - 1 million records
  - Prescription
    - Since 1979
    - 1.3 million records
  - Periodic Health Assessments
    - Since 1977
    - 5.1 million records

DMSS

Services of the Armed Forces Health Surveillance Division

Adhoc Requests
- Studies and Analyses
- Routine Reports & Summaries
- DMED

Formation of August 2021

Services of the Armed Forces Health Surveillance Division

Formal Admissions to DMSS Data Repository at AFHSD

DMED