

Background

The foundation of population health management is descriptive analysis of the demographics, health status and needs of the enrolled population. Profiling the number of provider encounters related to chronic conditions or diseases provides an indicator of the health status of the population and demand for services. Such information assists in designing or purchasing services to prevent the progression of disease. Military Treatment Facility (MTF) based services as case management and evidence-based protocols can then be directed toward high-volume conditions.

Depression Prevalence

Measure Definition:

The proportion of MTF enrollees with depression subject to DoD/VA guidelines clinical management.

Benchmark:

N/A

Numerator:

MTF enrollees identified (see Data Sources & Codes) as having depression during the 12 months prior to the end of the reporting period.

Denominator:

All MTF enrollees at the time of the reporting period.

Data Sources:

- Defense Eligibility Enrollment Registration System (DEERS)
- Standard Inpatient Data Record (SIDR) (M2)
- Standard Ambulatory Data Record (SADR) (M2)
- Comprehensive Ambulatory/Professional Encounter Record (CAPER) (M2)
- Purchased Care Claims Data (NETWORK) (M2)
- Composite Health Care System (CHCS) Managed Care Platform National Enrollment Database (NED) module

Methodology:

- ➔ Use DEERS to identify patients enrolled to MTFs
- ➔ Use CAPER (M2), SADR (M2) and NETWORK (M2) claims data to identify patients who have had an outpatient or Emergency Department (ED) visit for depression
- ➔ Use SIDR (M2) and NETWORK (M2) claims data to identify patients with hospitalizations for depression
- ➔ Use CHCS Managed Care Platform NED module ad hoc report to identify Primary Care Manager (PCM)

Data Sources & Codes:Criteria to identify patients with depression:

- ➔ At least one principal diagnosis with the below ICD- 9 codes (outpatient, ED, inpatient) **OR**
- ➔ At least two secondary diagnoses with the below ICD-9 codes on separate encounter dates in any outpatient setting (ED included) **OR**
- ➔ At least one secondary diagnosis of major depression associated with any inpatient discharge

Codes to identify patients with Depression:

ICD-9-Codes:

- ➔ 296.2
- ➔ 296.3
- ➔ 298.0
- ➔ 300.4
- ➔ 309.1
- ➔ 311

Prevalence Report:

MTF list of all TRICARE Prime/Plus enrolled patients by PCM with at least one outpatient visit for depression.¹

Prevalence Report Data Elements:

- ➔ ACG RUB (only AF users: see ACG methodology)
- ➔ Patient's Name
- ➔ Sponsor's Social Security Number
- ➔ Family Member Prefix (FMP)

- ➔ Date of Birth
- ➔ Age
- ➔ Gender
- ➔ Beneficiary Category (BENCAT)
- ➔ PCM
- ➔ Provider Group
- ➔ Outpatient Visits PR
- ➔ Outpatient Visits SEC
- ➔ Hospitalizations
- ➔ ED Visits PR
- ➔ ED Visits SEC
- ➔ Source
- ➔ Contact Info
- ➔ Defense Medical Information System (DMIS)
- ➔ Service
- ➔ Notes Detail for Depression and/or Generic notes entered by users

Recommended Action

- ➔ Review chronic disease burden data to project health needs associated with chronic diseases/conditions.
- ➔ Consider utilizing condition management programs.
- ➔ Consider implementation of DOD/VA (or other) clinical practice guidelines.²

Notes:

¹ Due to the record reporting lag time, not all of the previous months' records may be included in this reporting period.

² DOD/VA guidelines can be located at <https://www.qmo.amedd.army.mil/pguide.htm>