Army Behavioral Health Integrated Data Environment (ABHIDE)

Update to the DoD Task Force on the Prevention of Suicide by Members of the Armed Forces

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BRIEFING OUTLINE

PURPOSE: To update members of the DoD Task Force on the Prevention of Suicide by Members of the Armed Forces about the current status of the Army Behavioral Health Integrated Data Environment (ABHIDE)

1.   Accomplishments

2.   Current Status

3.   Data Sources Supporting ABHIDE

4.   Challenges

5.   Questions and Discussion

ABHIDE Accomplishments

- Data conversion completed 23 March 2009

- Initial database contained:

    – List of completed suicides (CY2001-2008) compiled by Army G1 Suicide Prevention Program (no attempts or ideations)

    – Medical data from Defense Medical Surveillance System (DMSS) for the completed suicides

        • Inpatient and outpatient records
        • Deployment-related health assessments

ABHIDE Accomplishments

- Spiral 1 completed 1 July 2009. Task Action Plan (TAP) 9.1.6 ,Task Force Campaign Plan
    - Expanded information on completed suicides through CY2009 (still no attempts or ideations)
    - Added data from 9 new sources (personnel, medical and legal)
- Established individual data use agreements (DUA) and completed a CONOPS, Privacy Impact Assessment (PIA), System of Record Notice (SORN), etc.

ABHIDE Current Status

- Spiral 2 currently in progress. Task Action Plan (TAP) 9.1.5, Task Force Campaign Plan

  – Integration of Army suicide attempts and ideations with supporting personnel, medical and legal data from all established sources

  – Incorporating Web-centric data strategies

    • Automating transfer of data from the various sources

ABHIDE Current Status

- Database currently contains the following index cases:
  - Completed suicides, 2001-present
    - Armed Forces Medical Examiner provides list of confirmed suicides
  - Attempts and ideations, 2004-present
    - Provided from DoD Suicide Event Report (DODSER)

Current Sources Supporting ABHIDE
(for completed suicides, attempts and ideations)

- Army Central Registry (ACR)
  - Soldiers involved in spouse and/or child abuse events
- Army Training Requirements and Resource System (ATRRS)
- Centralized Operational Police Suite (COPS)
  - Army Military Police reports
  - Vehicle Registration System
- CID Information Management System (CIMS)
  - Data from criminal investigation reports
- Defense Casualty Information Processing System (DCIPS)
- Digital Training Management System (DTMS)

Current Sources Supporting ABHIDE
(for completed suicides, attempts and ideations)

- DoD Suicide Event Report (DODSER)
    - All cases of fatal suicidal behavior
    - Non-fatal attempts or ideations with hospitalization or evacuation
- Drug and Alcohol Management Information System (DAMIS)
- Integrated Total Army Personnel Database (ITAPDB)
    - Demographics and other career information
- Medical Protection System (MEDPROS)
    - Medical readiness data, e.g., profile
    - Deployment-related health assessments

Current Sources Supporting ABHIDE
(currently limited to completed suicides)

- Clinical Data Mart (CDM)
  - Medications ordered/dispensed
- Defense Medical Surveillance System (DMSS)
  - Deployment –related health assessments
  - Medical data for a limited control population of Army Soldiers
- Military Health System Data Repository (MDR)
  - Inpatient and outpatient medical data

Note: DUAs are being developed to acquire supporting personnel, medical and legal data from these and all other sources for Soldiers who have had an attempt and/or ideation

Other Spiral 2 ABHIDE Data Sources

- Army Safety Management Information System - Revised (ASMIS-R)

- Army Waiver Data (AWD)

- Defense Manpower Data Center's (DMDC) Contingency Tracking System (CTS)

- DMDC Defense Enrollment and Eligibility Reporting System (DEERS)

- Physical Disability Case Processing System (PDCAPS)

- TRANSCOM Regulating and Command & Control Evacuation System (TRAC2ES)

- Wounded Warrior Accountability System (WWAS)

Other Data Sources Under Consideration

- Army Court Martial Information System (ACMIS)
- Automated Neuropsychological Assessment Metrics (ANAM)
- Soldier Fitness Tracking (formerly known as Comprehensive Soldier Fitness / Global Assessment Tool (CSF / GAT)
- Defense Finance Accounting System (DFAS)
- MEDPROS/Periodic Health Assessments (PHA)
- Sexual Assault Data Management System (SADMS)
- Theater Medical Data Store (TMDS)
    - Inpatient and outpatient medical data from deployed sites

ABHIDE Challenges

- Certification of the ABHIDE through Defense Business Systems Management Committee (DBSMC)
  - Knowledge of the process and provision of resources to complete
  - Research, Development, Test and Evaluation (RDT&E) funding required and not easily attainable
- ABHIDE contains index cases only (completed suicide, attempts and ideations)
  - Effective analysis requires control population
  - Size and frequency of update for population still being developed
  - DUA must be modified to acquire data

ABHIDE Challenges, Cont'd

- Management of expectations
  - Understanding the meaning and quality of the data we are acquiring is time and resource intensive
  - Achieving goals of senior leadership and effectively communicating status/issues
- Managing requests for use of the ABHIDE for future studies
  - ABHIDE initially built for internal use but uniqueness provides opportunities across the Army

Questions?

Back-up Slides

Data Source Descriptions

- ACMIS   Case information from Army Court Martial's
- ACR   Soldiers involved in spouse and/or child abuse events
- ANAM   Data used to assess cognitive performance
- ASMIS-R   Occupational incident data
- ATRRS   Training requirements and programs
- AWD   Waivers granted to new recruits
- CDM   Medications ordered and dispensed
- CIMS   Data from criminal investigation reports
- COPS   Army Military Police reports
- COPS / VRS   Vehicle and weapons registration data
- CSF / GAT   Self-reported Soldier fitness data
- DAMIS   Army substance abuse program data

Data Source Descriptions

- DCIPS   Casualty and mortuary data
- DFAS   DoD financial and accounting data
- DMDC / CTS   Activation, mobilization and deployment data
- DMDC / DEERS   Benefits entitlements data
- DMSS   Medical data, pre/post deployment health assessments
- DODSER   DoD Suicide Event Report completed for
  - All suicides
  - Non-fatal attempts or ideations with hospitalization or evac
- DTMS   Unit and individual training data
- ITAPDB   Personnel repository for all components of the Army

Data Source Descriptions

- MDR   MHS health data repository
- MEDPROS   Medical readiness data
- MEDPROS / DHA   Pre- and post- deployment health assessments
- MEDPROS / PHA   Periodic health assessment data
- PDCAPS   Army physical disability case data
- SADMS   Data from the lifecycle of sexual assault cases
- TMDS   DoD ambulatory and in/out-patient data
- TRAC2ES   Inter/intra-theater patient medical movement
- WWAS   Wounded Warrior lifecycle data