

DoD TRAUMA REGISTRY



JTS is the Defense Center of Excellence for Trauma. Our mission is to provide evidence-based process improvement of trauma and combat casualty care, to drive morbidity and mortality to the lowest possible levels, and to provide evidence-based recommendations on trauma care and trauma systems across the Department of Defense (DoD). JTS captures and reports battlefield injury demographics, treatments and outcomes.

The DoD Trauma Registry (DoDTR) is the cornerstone of this effort. JTS and its partners use DoDTR data to develop best clinical practices encompassing multiple levels of care for battle and non-battle trauma patients and providers.

The DoDTR is the JTS vehicle to collect, store and analyze battlefield casualty data for the DoD. There is no comparable database with such a comprehensive collection of DoD trauma injury data. The DoDTR houses all Services' trauma care, from battlefield first responders to definitive care stateside, plus pre- and inter-facility enroute care. The DoDTR contains over 80,000 trauma records with over 132,000 unique trauma events.

DEFENSE CENTER OF EXCELLENCE FOR TRAUMA



- Military Health System Battle Innovation Award (2015)
- Major Jonathan Letterman Award for Medical Excellence (2015)
- Force Health Protection Award from the Association of Military Surgeons of the United States (2014)
- US Army Surgeon General's Wolf Pack Award (2014)



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JOINT TRAUMA SYSTEM (JTS)



The Data Analysis Branch is a team of data validation and analysis experts within the JTS who support the tri-service military medical community. We are dedicated to excellence in data integration, analysis, abstraction and reporting.

Reliable Data Sets

JTS understands data validation is key to producing quality results. JTS strives to provide the data you requested. The Data Analysis Branch reviews data from multiple sources to ensure data integrity and quality. We can help you identify, capture and analyze the best data to produce the best outcomes.



Turn Data into Actionable Information

- Influence clinical policy and practices.
- Predict future workloads.
- Directly impact readiness and training.
- Improve care across time and treatment venues.

DoDTR Data-Driven Advancements

- Proof of impact of the US Defense Secretary Robert Gates' Golden Hour MEDEVAC Policy on combat casualties.
- Doctrinal change of Army flight medics from EMT-Basic to an EMT-Paramedic to improve the survivability of combat casualties.
- Reduced mortality in multiple trauma injuries and massively transfused patients.

JTS is the CONUS subject matter expert on military trauma care. Our analysts' experiences are rooted in clinical trauma care, making them uniquely qualified to understand the data.

Our analysts work closely with clients to gain a better understanding of their data requirements and help identify opportunities. The team collaborates with military and civilian personnel serving as principal investigators, research associates and performance improvement specialists. Through this partnership, the population of interest is identified and the project specific data elements are extracted.



JTS offers:

- Classified and non-classified data analysis.
- OPSEC clearance of data.
- Assistance with the Memorandum of Understanding (MOU) process.
- Compliance with Army, Defense Health Agency and federal regulations.
- HIMS specialists on staff.
- Statisticians and epidemiologist on staff.
- Leverages ICD-10 Codes.

JTS Supports Mission-Critical Analysis

- Performance Improvement Initiatives
- Retrospective Research Studies
- Future Medical Planning
- Force Health Protection Projects



How to Request Data

- 1. Process:** The requestor must be U.S. Military or Government or sponsored by a U.S. Military or Government entity who will accept responsibility for safeguarding the data set.
- 2. Contact:** Email the Data Analysis Branch at: usarmy.jbsa.medcom-aisr.mbx.jts-dodtr-data-request@mail.mil
- 3. DoDTR Request Form:** Complete and submit the DoDTR Request Form. http://www.usair.amedd.army.mil/pdfs/DoDTR_Data_Request_Form_29Aug2013.pdf
This document is used to specify the data elements related to the project.
- 4. Research Protocol:** Provide supporting documentation related to the project.
- 5. MOU:** In most cases, an MOU will be required prior to release of data.