



US DEPARTMENT OF DEFENSE

BLAST INJURY RESEARCH PROGRAM COORDINATING OFFICE

Threat Analysis

JTAPIC Database

The JTAPIC Database, sponsored by the JTAPIC program and developed at the NGIC, continued to enhance the integration and sharing of information from DoD Services related to the efficacy of PPE (including body armor, helmets, and eyewear) and vehicular equipment designed to protect against blast injury. The JTAPIC Database is fed from the collection of ground combat incidents collected and analyzed by NGIC that, as a result of two minor releases and two patches during the FY15 development, not only includes attacks on vehicles but also now contains found and cleared events and attacks against dismounted personnel. Analyzed incident information on enemy weapons systems used, enemy TTPs, and the effects of weapon systems worldwide is integrated with structured Service Member injury data that represents the threat to life associated with the injury. Database development in FY15 extended the integrated dataset to support the addition of details associated with a Service Member's PPE at the time of the incident/injury. The FY15 JTAPIC Database enhancements and FY15 efforts to gather, analyze, and integrate over 1,186 legacy incidents and 2,731 casualties from calendar year 2003 and 2004 better support proactive, integrated all-source intelligence production and responses for program managers and senior decision makers that lead to modifications and upgrades to vehicle equipment/protection systems/PPE, and enhances ability to provide direct feedback to theater commanders and deploying units for improving Blue (TTPs) and battlefield situational awareness to protect against blast injury.