Distributing Countermeasures and Reporting their Utilizations through an Integrated Informatics Approach: Countermeasure Tracking Systems

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The IDEAS is a collaborative effort of the Division of Strategic National Stockpile (DSNS) and other public health and defense organizations. This system supports the Department of Health and Human Services’ Strategic National Stockpile (SNS) inventory and distribution management needs to support response to natural disasters, terrorism, and other all-hazard threats. The IDEAS is a real-time, web-based system that functions as an inventory management and distribution tracking system. The system is designed to provide public health officials, military medical providers, and other organizations the ability to track medical countermeasure inventory at any location. The system is currently hosted by the National Biosurveillance Integration Center (NBIC). This system is part of the larger spectrum of tracking efforts used by national, state, and local health officials in case of a public health emergency.

The Crisis Information Tracking System (CTS) (Figure 1) was developed by the Office of Surveillance, Epidemiology, and Laboratory Services (ESPOL) to enhance public health officials’ ability to share information and track countermeasures and supplies during a public health emergency or all-hazards response. The CTS is a secure, web-based application that provides a visible picture of the overall medical countermeasure inventory at any location. This system allows emergency management officials to track the supply of medical countermeasures needed to support a state’s public health strategy during an emergency. The CTS is an integral component of the ESPO program, a division within the Division of Strategic National Stockpile (DSNS) at the Centers for Disease Control and Prevention (CDC). This system supports CDC and other federal agencies in managing and coordinating medical countermeasures during a national emergency.

The CTS application and its subsequent releases have been designed to support all-hazards response efforts, such as bioterrorism, chemical, radiological, and nuclear threats. The CTS is designed to provide a visual picture of the overall inventory and distribution of medical countermeasures at any location. The CTS is a web-based application that provides a real-time view of the overall medical countermeasure inventory at any location. The CTS is designed to support all-hazards response efforts, including biological, chemical, radiological, and nuclear threats. The CTS is designed to provide a visual picture of the overall medical countermeasure inventory at any location. The CTS is a web-based application that provides a real-time view of the overall medical countermeasure inventory at any location. The CTS is designed to support all-hazards response efforts, including biological, chemical, radiological, and nuclear threats.