

Post Implementation Evaluation Report

Health and Environment – Kansas Electronic Disease Surveillance System Project

Project Dates: 1/2005 through 9/2009

Project Cost: \$1,481,500

Project Objectives:

Primary objectives of the EDSS Phase I project were to:

- Replace the existing legacy HAWK system and extend application functionality in key functional areas including:
 - New effective Case Management Process flow.
 - Reuse existing patient demographic information, and minimize duplicate case entry by integrating with CPR.
 - Automatic Case assignment based on investigation address.
 - New aggregate case management functionality.
 - A comprehensive on demand search functionality, allows users to run ad-hoc reports.
 - New contact tracing module, allows users to search and establish contact/case relationships.
 - System administration feature provides the ability to maintain table driven values, look back intervals, facilities, and county to region associations.
 - Enhanced case listing report, disease by demographics report, monthly and year end reports for end users, animal rabies, West Nile virus reports, and epidemiology curves.
- Integration with KDHE components CPR, CIS, and GIS systems.
- Data conversion from legacy HAWK system to the new EDSS system.

Primary objectives of the EDSS Phase II project were to:

- Enhance the existing KS-EDSS functionality in key functional areas including:
 - New disease Program Area Modules (PAM).
 - Electronic Lab Reporting (ELR) using HL7 messaging.
 - Automatic Case assignment based on investigation address.
 - Outbreak management.
 - Extended interfaces with existing systems within KDHE.