

Emergency Department Syndromic Surveillance Local Roles

The Michigan Department of Community Health (MDCH) is pleased to offer access to Michigan's Emergency Department Syndromic Surveillance (EDSS) System for a limited number of users from Michigan's local health departments and participating facilities.

System Background:

The EDSS System collects over 9000 registrations every day from 70 healthcare facilities across all eight of Michigan's emergency preparedness regions. Data is categorized into syndromes that may indicate a possible natural or terrorism-associated public health emergency and is presented for analysis in real-time through a secure web interface. MDCH epidemiologists have primary responsibility for daily review of the EDSS System data and evaluation of alerts generated by the system. These responsibilities are unchanged with the availability of the new roles on the system.

Local Roles:

The local health department and facility roles provide a visual display of data from the relevant jurisdiction, flexible charting options, on-the-fly syndrome creation, and the ability to download data for further analysis. Access to data is limited to the appropriate jurisdiction for each user.

Potential users from local health departments could include Health Officers, Medical Directors, Emergency Preparedness Coordinators, Communicable Disease Coordinators, Environmental Health Directors, Epidemiologists or other key staff that are engaged in identifying, investigating, and responding to health threats. Similarly, potential users from participating facilities could include Emergency Department Managers, Infection Control Professionals or other hospital personnel that are responsible for identifying, investigating, and responding to health threats. It is beneficial for all EDSS System users to have strong epidemiology and surveillance skills.

Prospective users must complete a self-paced, online training module before registering for access to the EDSS. Completion of the training module (estimated to take one hour) will be tracked at MDCH and is required before access will be granted to the EDSS System.

For More Information:

Your Regional Epidemiologist is the primary contact for questions or concerns with the EDSS System and can help to facilitate training and registration for the system. Alternatively, contact the MDCH Surveillance and Infectious Disease Epidemiology Section at mdch_mdss@michigan.gov or (517) 335-8165.