Vision

The Syndromic Surveillance system rapidly detects unusual outbreaks of illness resulting from either naturally occurring or intentional events that pose potential public health threats and emergencies. The system will provide Michigan state and regional epidemiologists with early detection alerts and opportunities for rapid intervention. Michigan health care providers will see the benefits of rapid detection and choose to participate, thus elevating the state's disaster preparedness.

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Michigan Syndromic Surveillance System

Information for Health Care Providers

What is Syndromic Surveillance?

- Uses the Real-time Outbreak Detection System (RODS) developed by the University of Pittsburgh.

- System has been in operation since December 2003 and currently receives about 10,000 ED registrations per day from over 70 facilities.

- This system is designed to fulfill the Syndromic Surveillance component of Cooperative Agreements.

- The Syndromic Surveillance system tracks the chief complaints of emergency-care patients in an effort to identify public health threats before confirmed diagnoses are available.

- Detection algorithms run every hour and send email alerts to state and regional epidemiologists when deviations are found.

- State and regional epidemiologists have Web access to charts and maps of the data.

- MDCH epidemiologists can analyze findings, investigate, and contact appropriate personnel when warranted.

Why Should I Participate?

- **It's easy.** No changes to your ED registration process, chief complaints are pulled from already recorded patient information.

- **Improves outcomes.** Help Michigan's health system quickly detect and respond to emergency infectious disease or public health emergency.

- **Safe and Secure.** Only State and Regional Epidemiologists can view the data.

- **Supports JCAHO Accreditation.**

  - JCAHO 2005 Infection Control Standard IC.6.10. Provides evidence of adherence.

  - EC.4.10. Demonstrates that you are addressing emergency management.

  - Standard LD.3.15. Shows that you are developing and implementing plans to identify and mitigate impediments to efficient patient flow throughout your hospital.

  - IM Planning IM.1.10. Exhibits planning for information management processes to meet internal and external information needs.

  - Receive monthly compiled facility specific data benchmarked to statewide summaries.

How Do I Participate?

- Submit Signed Data Use Agreement

- You probably already capture the necessary data elements electronically. We need:

  - Patient's DOB, gender, home zip code
  - Visit date and time
  - Chief complaint

- Send the data to the Syndromic System via the Internet in one of the following industry-standard ways:

  - Preferred: HL-7 format via Virtual Private Network (VPN)
  - Alternative: Formatted flat file sent via Secure FTP (using the Data Exchange Gateway (DEG) or pulled from your FTP server)

- Provide Point of Contact (POC) for

  - Project Leader
  - IT Personnel and Site Feedback Personnel

Who Should I Contact for More Information?

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