

## 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 2500 ED registrations per day from over 20 facilities
- This system is designed to fulfill the Syndromic Surveillance component of the HRSA and CDC 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 public health officials when deviations are found.
- State and regional epidemiologists have Web access to charts and maps of the data.
- MDCH epidemiologists can analyze findings, investigate further, and contact local Public Health agencies and provider entities when warranted.

## WHY SHOULD I PARTICIPATE?

- It's easy. No changes to your ED registration process.
- Improves outcomes. Help Michigan's health system quickly detect and respond to emergency infectious disease and bioterrorism events.
- 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 L.D. 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.
- Safe and Secure. Only State and Regional Epidemiologists can view the data.

## HOW DO I PARTICIPATE?

- Submit a Signed Data Use Agreement
- You probably already capture the necessary data elements electronically. We need:
  - Patients DOB, gender, ZIP
  - 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 VPN (Virtual Private Network)
  - Alternative: Formatted flat file sent via Secure FTP (or other secure method)
- Provide Point of Contact for
  - Project Leader
  - Interface Staff Member
  - Network Engineer

## WHO SHOULD I CONTACT FOR MORE INFORMATION?

- Linda Scott
  - MDCH Office of Public Health Preparedness  
Phone# 517-335-8150  
[scottlin@michigan.gov](mailto:scottlin@michigan.gov)
- Jim Collins
  - MDCH Bureau of Epidemiology  
Phone #313-870-2736  
[collinsjim@michigan.gov](mailto:collinsjim@michigan.gov)

