



Case Studies & Cross-Border Alerting

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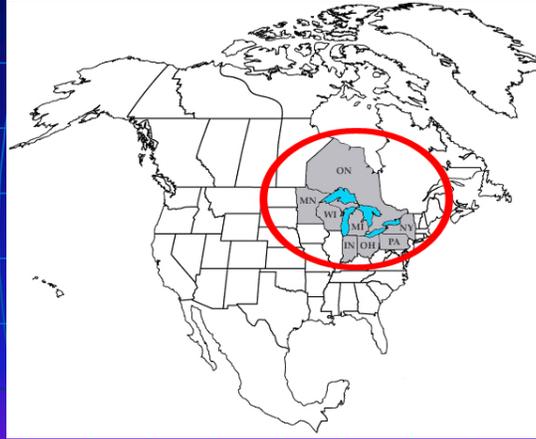
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- **GLBHI**: collaborative effort between CA & U.S. jurisdictions to enable infectious disease surveillance and facilitate communication
- **Cross-Border Alerting**: GLBHI has preferred routes of communications for emergency vs. non-emergency public health events.
- **GLBHI Infectious Disease Emergency Communication Guideline**: provides key contact information and a notification guideline for use during cross-border infectious disease emergencies.
- **For "Infectious Disease Non-Emergencies"**: utilize the GLBHI website (www.michigan.gov/borderhealth) to find non-emergency phone numbers for participating jurisdiction leads.



Cross-Border Alerting Examples



GLBHI in Action – Recent Examples:

- Ontario Hockey Teams Visit, Nov.-Dec. 2009
- Raw Milk *Campylobacter* Outbreak, March 2010
- Pertussis Exposure Event in Michigan, July 2010

Response:

- Immediate contact through established GLBHI contacts (Infectious Disease Emergency Communications Guideline)
- Sharing of relevant data (Public Health Data Sharing Agreement)
- Use of communication pathways (PHAs/HANs)



GLBHI in Action – Recent Examples:

- **Ontario Hockey Teams Visit, Nov.-Dec. 2009**

Event:

- GLBHI partners shared info about a GI outbreak in 2 Ontario hockey teams that participated in a banquet in SE Michigan, late fall 2009.
- MI GLBHI Lead contacted Ontario GLBHI Lead, as notification to MOHLTC of outbreak, and for assessment for need of a CNPHI PHA.
- CNPHI PHA sent to pertinent health districts in Ontario.
- Additional cases identified, but cause of outbreak not determined.



GLBHI in Action – Recent Examples:

- **Raw Milk *Campylobacter* Outbreak, March 2010**

Event:

- GLBHI partners involved in sharing info about a *Campylobacter* outbreak linked to consumption of raw milk products, March 2010.
- MDCH epis worked to confirm illnesses due to *Campylobacter*, linked to consumption of raw milk products from a farm coop in SW MI that obtained raw milk product from a dairy farm in IN.
- MI GLBHI Lead shared health alert with IN & OH GLBHI Leads.



GLBHI in Action – Recent Examples:

■ **Pertussis Exposure Event in Michigan, July 2010**

Event:

- GLBHI partners shared info about Pertussis exposure, July 2010.
- MDCH learned of a child, a MI university class attendee, June 29 - July 1, diagnosed with Pertussis & infectious while attending. Class attendance, and potential exposures, over 900 people.
- MDCH issued a MI Health Alert Network (MIHAN) notice regarding the potential exposures.
- MDCH learned of 2 Ontario individuals in class.
- MI GLBHI Lead contacted Ontario GLBHI Lead, as notification to MOHLTC of outbreak; MOHLTC contacted local public health units where the Ontario residents reside; local public health units contacted /followed up with the residents.



Cross-Border Alerting:

Both formal & informal are important, and documentation can help illustrate GLBHI's strengths.

