



Community for Emerging and Zoonotic Diseases

The Community for Emerging and Zoonotic Diseases (CEZD) is a virtual network that integrates today's automated information-mining tools with a human-based multidisciplinary analytical capability. The automated technology collects and filters disease signals and the expertise from within the community analyzes, and disseminates intelligence information, related to zoonotic and emerging infectious diseases from both open and traditional information sources.

Why was CEZD developed?

This virtual network was developed to support Canada's animal early warning, preparedness and response capabilities needs regarding emerging and zoonotic diseases. Through the gathering of information, generation and distribution of timely intelligence reports, Canada is now better able to anticipate, manage, and mitigate pending disease threats on its society, economy, environment, and animal resources.

How does it work?

Disease intelligence process of CEZD has five stages:

1. Disease or event occurrence
2. Signal identification
3. Multidisciplinary review and evaluation
4. Intelligence reporting
5. Now what?

Benefits of CEZD:

- One-stop early warning system
- Eliminates duplication of effort
- Early identification and advanced warning on key threats, fewer surprises
- Provides community based critical thinking and a collaborative analytical capability
- Informed decision-making, preparedness and response
- Delivers consistent and timely distribution of relevant intelligence reports
- Produces a searchable repository of historical early warning signals
- Enhances Canada's national surveillance system

Who should participate?

All partner and stakeholder members of the animal, public and environmental health communities are encouraged to participate, be involved in the implementation of this virtual network and benefit from its early warning capabilities. Various community of practice participants with agricultural, public and environmental health related qualifications and/or expertise will be invited to participate as CEZD analysts in order to deliver on its multi-disciplinary analytical capability.

For information on receiving the intelligence reports or joining the CEZD community please contact Andrea Osborn at Andrea.Osborn@inspection.gc.ca

