

MINIMUM DATA SET FOR ANIMAL HEALTH SURVEILLANCE (MDSAHA) PROJECT

Led by the Canadian Animal Health Surveillance System, this project will update the minimum data set work with considerations of a changing surveillance environment in Canada.



BACKGROUND

In Canada, animal health laboratories are critical sources of data and information for animal health surveillance. The minimum data set project for animal health (MDSAHA) will update the work completed in 2011 to develop a recommended minimum set of animal health laboratory data elements required for surveillance in Canada.

The 2011 project resulted in publication of a minimum dataset anticipated to allow meaningful analysis of collated results from the various public sector provincial, academic and federal animal health laboratories for the purposes of disease detection and characterization, syndromic surveillance, and disease control. The original project was directed by public sector animal health epidemiologists from the F/P/T community in Canada, with input from laboratorians and decision makers.



CORE ELEMENTS OF MINIMUM DATA SET FOR ANIMAL HEALTH SURVEILLANCE

- Unique identifier
 - Premises identification
 - Date submitted
 - Geographic location
 - Species
 - Farm type
 - Group type
 - Total population of tested species
 - Number sick
 - Number dead
 - Test(s) performed
 - Disease agent
 - Test result
 - Disease classification by submitter
 - Final laboratory diagnosis
- (Kloeze *et al.*, 2011)



WHAT IS NEW ABOUT THE MDSAHA PROJECT

- The project will leverage new collaborations within the expanded animal health surveillance community to gain focussed input from current users and producers of animal health surveillance data and information about what should be included in a current minimum dataset.
- The project will engage an expert technical group to gain insight on how genomics data is produced by diagnostic laboratories and how it might be effectively used for animal health surveillance.

ANTICIPATED RESULTS

- An updated recommended minimum data set for animal health surveillance
- A preliminary report examining how to incorporate genomics data into animal health surveillance
- The project will run from May 2021 to March 2022.

For more information about the project, please contact us at cahssinfo@ahwcouncil.ca. For more information on the Canadian Animal Health Surveillance System, visit <http://cahss.ca>.