

CROSS-CANADA SURVEILLANCE SNAPSHOT

ANTIMICROBIAL RESISTANCE AND USE SURVEILLANCE

<http://cahss.ca>

Across Canada, federal and provincial governments, universities and industry-lead initiatives track antimicrobial use (AMU) and resistance (AMR) in animals, and use scientific data to direct decision making



SURVEILLANCE

Testing bacteria for development of resistance, and analyzing resistance patterns.

Tracking, analyzing and reporting antimicrobial resistance and antimicrobial use data.

STEWARDSHIP

Reporting antimicrobial resistance data, antimicrobial sales and use data.

Encouraging and educating regarding best antimicrobial use practices.



FEATURED CANADIAN INITIATIVES

PROJECT: AMR-NETWORK

STRENGTHENING GOVERNANCE OF THE ANTIMICROBIAL RESISTANCE RESPONSE ACROSS ONE HEALTH IN CANADA 2020.

[LINK TO REPORT](#)

CANADIAN INTEGRATED PROGRAM FOR ANTIMICROBIAL RESISTANCE SURVEILLANCE (CIPARS)

CIPARS MONITORS TRENDS IN AMU AND AMR IN ENTERIC AND ZONOTIC BACTERIA FROM ANIMALS (E.G. CATTLE, POULTRY, SWINE), FOOD, AND PEOPLE ACROSS CANADA. CIPARS INTEGRATED FINDINGS REPORT 2018

[LINK TO REPORT](#)

CANADIAN COW-CALF SURVEILLANCE NETWORK

CSN TRACKS AMU AT THE FARM LEVEL IN COW CALF HERDS ACROSS CANADA

[LINK](#)

ONTARIO FOOD ANIMAL SURVEILLANCE TESTING

TESTS FOR AMR IN HEALTHY CATTLE IN ONTARIO

[LINK](#)

STEWARDSHIP OF ANTIMICROBIALS BY VETERINARIANS (SAVI)

SAVI REPORTS ANTIMICROBIAL PRESCRIPTION DATA FOR CATTLE, SWINE AND POULTRY FROM A SAMPLE OF VETERINARY CLINICS.

[LINK](#)

QUEBEC MULTISPECIES AMU SURVEILLANCE SYSTEM

AMU MONITORING SYSTEM BASED ON SALES DATA AT THE FARM OR VETERINARY CLINIC (E.G. EQUINE, SMALL ANIMAL) LEVEL USING A COLLABORATIVE GOVERNANCE STRUCTURE. THIS PROJECT IS CURRENTLY IN THE IMPLEMENTATION STAGE.

[LINK](#)

FISHERIES & OCEANS CANADA

MONITORS TRENDS IN QUANTITIES OF ANTIMICROBIALS AND PESTICIDES IN MARINE AND FRESHWATER FISH AQUACULTURE

[LINK](#)

REGIONAL SURVEILLANCE NETWORKS

MAPAQ/RAIZO

RAPPORT ANNUEL 2020-SURVEILLANCE DE L'ANTIBIORÉSISTANCE

[LINK TO REPORT](#)

OAHN

ONTARIO ANIMAL HEALTH NETWORK SPECIFIC OAHN NETWORKS MONITOR AMU/AMR DATA

[LINK](#)

WECAHN

ANTIMICROBIAL USAGE AND VACCINE USAGE IN WESTERN CANADIAN BEEF CALVES

[LINK](#)

ANTIMICROBIAL RESISTANCE IN WESTERN CANADIAN BEEF COWS

[LINK](#)

USE OF ANTIMICROBIALS AND VACCINES FOR BOVINE RESPIRATORY DISEASE IN WESTERN CANADIAN BEEF HERDS

[LINK](#)

ANTIMICROBIAL AND VACCINE USAGE IN WESTERN CANADIAN BEEF COWS

[LINK](#)

FOODNET CANADA
MONITORS TRENDS IN FOOD-BORNE PATHOGENS FROM ANIMALS, FOOD, WATER AND HUMANS THROUGH SENTINEL SITES IN BC, AB, ON AND QC.
[LINK](#)

VETERINARY ANTIMICROBIAL SALES REPORTING SYSTEM

VASR MONITORS SALES OF MEDICALLY IMPORTANT ANTIMICROBIALS INTENDED FOR USE IN ANIMALS.

[LINK](#)

CANADIAN ANTIMICROBIAL RESISTANCE SURVEILLANCE SYSTEM (CARSS)

CIPARS IS A COMPONENT OF CARSS. THERE ARE EIGHT OTHER SURVEILLANCE PROGRAMS WITH CARSS. THE DATA PRESENTED IN THE CARSS 2020 REPORT ARE COMPILED FROM LABORATORY REFERENCE SERVICES AND FIVE PUBLIC HEALTH AGENCY OF CANADA (PHAC) SURVEILLANCE PROGRAMS

[LINK](#)

AMR-NET & AMRNET-VET

AMR-NET IS COLLECTS AND ANALYZES COMMUNITY-LEVEL AMR INFORMATION IN CANADA.

AMRNET-VET IS CURRENTLY IN ITS PILOT PHASE COLLECTING ANIMAL DATA.

[LINK](#)



LEGEND

- AMU SURVEILLANCE INITIATIVES
- AMR SURVEILLANCE INITIATIVES
- COMBINED AMU/ AMR SURVEILLANCE INITIATIVES
- GOVERNANCE