



BC Centre for Disease Control
An agency of the Provincial Health Services Authority

bccdc.ca

The BC Centre for Disease Control provides provincial and national leadership in public health through surveillance, detection, treatment, prevention and consultation services.

How we protect BC's public health:

BC Centre for Disease Control is dedicated to preventing and controlling communicable disease and promoting environmental health for the province. BCCDC provides scientific and technical support to BC public health through the following services:

- ➔ **Clinical Prevention Services** provides coordinated, quality and cost-effective care to clients with a focus on vulnerable communities. Programs include STI and TB out-patient clinics, provincial outreach programs and services for Aboriginal peoples.
- ➔ **Communicable Disease Prevention and Control Services** is the provincial reporting centre for cases of communicable diseases. This service line monitors and evaluates cases and outbreaks and develops prevention and control policies.
- ➔ **Environmental Health Services** acts as a resource on matters related to environmental health policy, practice and research.
- ➔ **Immunization Programs and Vaccine Preventable Disease Services** is responsible for planning, monitoring, implementation support and evaluation of new and existing immunization programs.
- ➔ **Public Health Emergency Management** coordinates the provincial response to public health aspects of a major emergency (communicable disease or environmental hazard).

2.8M

doses of vaccines shipped



30,000

calls to the Drug and Poison Information Centre



2014/15

We are recognized for prevention and control of communicable diseases and promoting environmental health for the province:

- ➔ Identified that an immunization schedule of two doses of the human papillomavirus (HPV) vaccine provides the same level of protective immunity from HPV as three doses, now implemented by all BC health authorities.
- ➔ Established the BC Asthma Monitoring System using data on asthma-related physician visits and pharmaceutical dispensations to help public health authorities understand daily smoke exposure and its effects across the province.
- ➔ Implemented the mobile Interferon-Gamma Release Assays testing program for tuberculosis in remote and rural areas in BC, removing access barriers to care and creating opportunities for more accurate and earlier preventative and curative interventions.
- ➔ Pioneered an epidemiologic method called the Test-Negative Design for monitoring influenza vaccine effectiveness. Yearly findings are submitted to the WHO to help decide whether changes to the vaccine are needed.
- ➔ Piloted the BC Take Home Naloxone program, which trains people who use drugs, their friends and family members, and service providers to recognize and respond to an opioid overdose using the kit containing naloxone. More than 260 overdoses were reversed since the program started in 2012.
- ➔ Developed the Immunization Manual—a clinical guideline for immunizers in BC.

Research and Education

BCCDC collaborates with the university of British Columbia and Simon Fraser University to advance public health policy, applied research and clinical testing. The agency is involved

in a wide range of education activities including training health professionals and emergency preparedness personnel and providing reliable and current public health information to the general public.

60,883

clinical points of service
(tuberculosis, STI & HIV)



45

grants received by BCCDC
researchers in 2014



2014/15

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● www.bccdc.ca

● www.phsa.ca

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