



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

bccdc.ca

We promote health and prevent disease in B.C. through:

- ➔ **Clinical Prevention Services** provides coordinated, quality, patient-centred care to clients with a focus on certain populations. Programs include sexually transmitted infection and tuberculosis out-patient clinics, programs and services for Indigenous peoples.
- ➔ **Communicable Diseases & Immunization Service** is the provincial group responsible for surveillance and control of many communicable diseases. Scientists monitor and evaluate cases to develop prevention and control policies. The service plans and monitors current and future immunization programs.
- ➔ **Environmental Health Services** acts as a resource on matters related to environmental health policy, practice and research. It houses the National Collaborating Centre for Environmental Health.
- ➔ **Population and Public Health** works with numerous partners across B.C. to inform and advise on population and health policy practices to reduce chronic disease and preventable injury.
- ➔ **BC Observatory Population & Public Health** provides actionable surveillance and intelligence about population health and its determinants to support vibrant B.C. communities to achieve their best health and well-being.
- ➔ **BCCDC Public Health Laboratory** is the primary public health and diagnostic testing facility for B.C. In addition to testing, the laboratory conducts nationally funded research, and plays a leadership role in areas including molecular microbiology, influenza and health care acquired infections.

BCCDC's mandate:

- 1.** BCCDC provides provincial and national leadership in public health through surveillance, detection, prevention, consultation and provides both direct diagnostic and treatment services to people with diseases of public health significance.
- 2.** Our unique integrated structure, one that combines service delivery, policy advice and research, contributes greatly to our ability to identify and respond to emerging public health threats.
- 3.** BCCDC is dedicated to embedding a culture of quality and safety into all of our programs. We work closely with all regional health authorities and the First Nations Health Authority, health professions and other stakeholders to continually improve services and outcomes.

2.9M

doses of vaccines distributed in B.C.

2017/18



31,200

calls to the Drug and Poison Information Centre in 2017



We are recognized for prevention control, treatment, and diagnosis of communicable diseases as well as promoting environmental health for the province:

- ➔ Prevented overdoses and provided training and naloxone kits to people in B.C. who use drugs, friends, family members and others who respond to overdoses through the Take Home Naloxone program. The program has distributed more than 100,000 kits since 2012.
- ➔ Established the first online testing program for sexually transmitted and blood-borne infections in Canada. GetCheckedOnline is a “virtual” clinic providing a new and innovative way to get tested for sexually transmitted infections and HIV without visiting a clinician. More than 8,100 tests have been completed, making testing accessible to people who haven’t previously been tested as well as those who have a higher chance of infection.
- ➔ Implemented the BC Chronic Disease Dashboard, an interactive tool that provides statistics on a variety of non-communicable disease and conditions in B.C. It presents trends across time and geographical regions, as well as variation on prevalence and incidence measures for 32 chronic conditions and their sub-types.
- ➔ Established I Boost Immunity, a B.C.-based online learning platform about vaccination. The website uses quizzes, articles and stories to teach about immunization. Participants earn vaccines for kids through UNICEF. Since 2016, approximately 1 million online questions have been answered, earning 720,000 doses of vaccines for UNICEF to distribute in developing countries.
- ➔ Pioneered Chee Mamuk (meaning “New Work” in Chinook Jargon), a provincial Indigenous health program that provides innovative and culturally appropriate training, educational resources and wise practice models in STIs, hepatitis and HIV.
- ➔ Introduced the B.C. Asthma Prediction System, using smoke forecasts in wildfire season to predict how poor air quality over the coming 48 hours impacts health of communities in the 16 provincial health service delivery areas.
- ➔ Established the BC Hepatitis Testers Cohort, a database of anonymized medical info about everyone in B.C. diagnosed with hepatitis B and C, HIV, and tuberculosis since 1990. It monitors disease burden, social conditions, and evaluates the impact of interventions to inform policy and programming.

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 centre 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.

\$3.7 million

total research funding awarded to researchers affiliated with UBC CDC

2016/17



BC Centre for Disease Control

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● www.bccdc.ca

● www.phsa.ca

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Provincial Health Services Authority