


The Notifiable Diseases Database (NDDDB): A New Resource for Public Health Professionals


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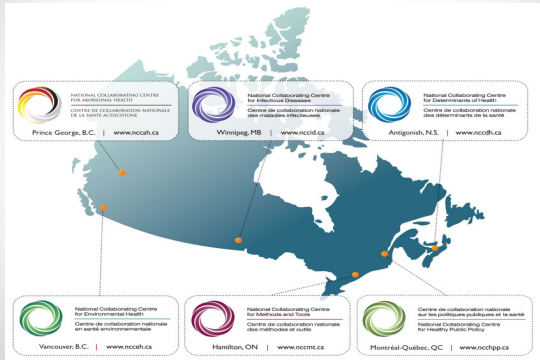








Outline

- 1) NCCPH and NCCID – Public health knowledge translation
- 2) Notifiable and reportable disease policy in Canada
 - Variation and Gaps
- 3) The Notifiable Diseases Database (NDDDB)
 - Objectives and Content
 - How it works – Case Scenarios
- 4) Discussion and Questions



The National Collaborating Centres for Public Health (NCCPH)



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The National Collaborating Centre for Infectious Diseases (NCCID)


Objectives

- Encourage the **integration of evidence** in the field of infectious diseases into public health programs, policies, and practices.
- Encourage **collaborative responses** by relevant stakeholders, including public health policy makers, practitioners, and researchers, to public health issues and needs in the area of infectious diseases

Past and Current Projects

- Emerging Infections and Outbreaks
- Influenza
- Antimicrobial Resistance
- HIV and STI Prevention
- Outreach to Priority Populations





Reportable Disease Policy in Canada

Jurisdictional Variation

- a) What exactly must be reported** (diseases, terminology, case definition, degree of certainty required, accompanying information, etc.)
- b) Who must report the information** (some or all of: physicians, labs, blood services, hospitals, schools, health care institutions, etc.)
- c) How the information must be reported** (location, authority, method of submission, immediacy, etc.)

As well - Jurisdiction-specific, **reportable disease policy** that is relevant for public health practitioners and policy makers is **not easily retrievable or comparable**

This may result in...



Reportable Disease Policy in Canada

- 1) Inconsistent interpretations of data (research, media, public...etc)**
Due to potential reporting differences among jurisdictions (e.g. case definitions, lumping/splitting criteria), caution is sometimes required when comparing or aggregating surveillance data from several sources.
- 2) Inefficient use of time**
Significant time dedicated to sifting through legislation, regulations and communicable disease manuals when searching for jurisdiction-specific reportable disease policy information






The Notifiable Diseases Database (NDDB)


Objectives

- 1) **Improve knowledge translation** of notifiable/reportable disease policy across Canada (provide **central location** to access reportable **disease lists** and **reporting policy**)
- 2) **To stimulate discussion** about disease list **terminology**, case **definitions** and **reporting criteria** across Canada
 - address legislative gaps and improve consistency of policy and data

Target Users

- Researchers, Epidemiologists
- Policy makers
- Health care professionals, practitioners
- Public health officials, educators, enthusiasts


www.nddb.ca
 (Fr : www.rmdo.ca)



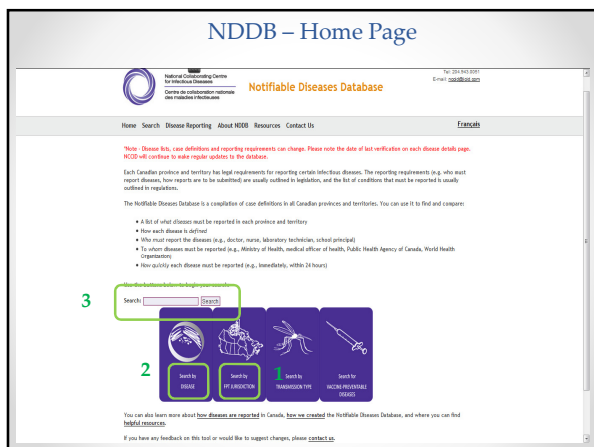
The Notifiable Diseases Database (NDDB)

Content – Reportable Disease Policy

- A **Reportable disease list** for each province and territory
- The jurisdiction-specific **case definition** for each disease
- **Who is expected to report** the disease, and **to whom**
- **How quickly** diseases must be reported
- A link to a **source** for the above information



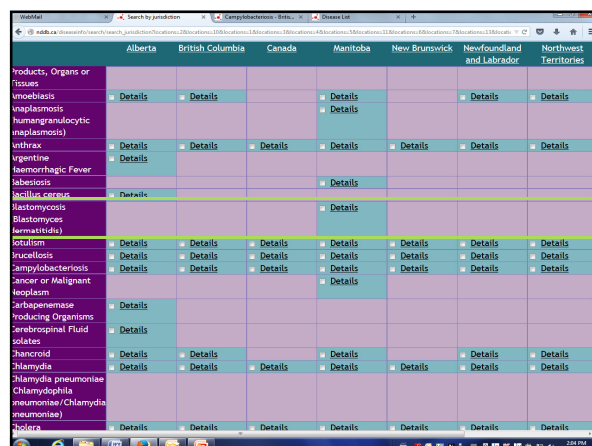
NDDB – Home Page



Search Scenario 1

- Some experts believe that climate change will effect the incidence and prevalence of certain infectious diseases in North America. Two diseases commonly discussed in this context are **Blastomycosis** and **Cryptococcus gatti**. They are both rare fungal diseases that are currently found in certain regions of North America. For this reason, they are reportable in only a few American states and Canadian provinces/territories.
- You would like to know which Canadian jurisdictions report on these diseases.

NDDB – Search by Jurisdiction

	Alberta	British Columbia	Canada	Manitoba	New Brunswick	Newfoundland and Labrador	Northwest Territories
Products, Organs or Issues							
Amebiasis	Details	Details		Details		Details	Details
Anaplasmosis (human granulocytic anaplasmosis)				Details			
Cholera	Details	Details	Details	Details	Details	Details	Details
Dysentery	Details						
Scarlet fever				Details			
Blastomycosis (paratuberculosis)				Details			
Botulism	Details	Details	Details	Details	Details	Details	Details
Brucellosis	Details	Details	Details	Details	Details	Details	Details
Campylobacteriosis	Details	Details	Details	Details	Details	Details	Details
Cancer or Malignant neoplasm				Details	Details	Details	Details
Chlamydia (Chlamydia pneumoniae)	Details						
Chlamydia pneumoniae	Details	Details	Details	Details	Details	Details	Details
Chlamydia pneumoniae / Chlamydia pneumoniae							
Cholera	Details	Details	Details	Details	Details	Details	Details

NDDB – Disease Search

Search by Disease 2

To find out whether a particular disease or condition must be reported in Canadian jurisdictions:

1. Search for an exact disease term from the list. To search multiple diseases, list down the ICD10 key while entering.
2. Select one or more diseases by checking the jurisdiction boxes.
3. Click Submit to see a table of results for your selected search terms. Empty (or color) cells appear when a disease/condition is not reported in that jurisdiction.
4. Click Details to view specific information about reporting (ie. case definition, reporting requirements, legislation, information source).

Note: *These lists, case definitions and reporting requirements can change. Please refer to the date of last verification on each disease details page. ICD10-11 continues to be the legal update to this database.

Search by Disease ←

Select All: Alberta, British Columbia, Canada, Manitoba, New Brunswick, Newfoundland and Labrador, Nova Scotia, Northwest Territories, Ontario, Prince Edward Island, Quebec, Saskatchewan, Yukon

Search Scenario 2

- Two viruses that garnered significant media attention in 2014 were **Ebola virus** and **Enterovirus D68 (EV-D68)**. While zero cases of Ebola were reported in Canada last year, hundreds of cases of EV-D68 were reported in Canadian children. Certain provinces and territories revealed higher reported counts of EV-D68 compared to other provinces and territories.
- You would like to know which Canadian jurisdictions report on these diseases.

NDDB – Disease Details

Case Definitions

Reporting Requirements

Source

Smart Search Box (type in any term) →

Highlighted Results ↓

Thank You!

NDDB - Discussion and Questions

www.nddb.ca (www.rmdo.ca)

www.nccid.ca (www.ccnmi.ca)

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