
Inventory of National Rural Health Research Related Databases

Database name: **Disease Surveillance Online**
(formerly Notifiable Diseases)

Thematic Coverage: This website provides the most current cancer statistics, the most current cardiovascular disease statistics, the number of cases reported for several of the notifiable diseases and the most current injury statistics, in Canada.

Maintained by: Population and Public Health Branch

Availability: A web based application has been developed to enhance dissemination of surveillance data collected in Canada. More detailed age/sex data are available on request from the Division of Disease Surveillance on a cost recovery basis.

Start Date: Internet data is available for each province and territory.
1984 – Cancer
1950 – Cardiovascular disease (5-year intervals)
1985 – Cardiovascular disease (1-year intervals)
1987 – Notifiable Disease

Release Date: 3 weeks after reference month
Frequency of collection: Monthly

Data Collection: Data is extracted from provincial administrative files

Sample size: All individuals with a diagnosed with cancer, cardiovascular disease, notifiable diseases or injuries captured by provincial administrative files.

Geographic coverage: All provinces and territories

Lowest geographic level collected: Quebec (province), Ontario, Alberta and British Columbia (first 3 digits of postal code), Others (Health region)

Lowest geographic level of release: Province

Existing rural variable: No

Rural definitions that can be constructed from this database include (building block)[†]:

- ✓ Census “rural areas” (Enumeration Area)
- ✓ Rural and Small Town definition (Census Subdivision)
- ✓ Metropolitan area and census agglomeration Influenced Zones (Census Subdivision)
- ✓ OECD “rural communities” definition (Census Consolidated Subdivision)
- ✓ OECD “predominantly rural regions” definition (Census Division)
- ✓ Ehrensaft’s “Beale codes” (Census Division)

[†] Results for these areas of geography could conceivably be derived from postal codes if respondent confidentiality is ensured.

Data Elements:

- **Cancer statistics**, including trends in cancer incidence by province and territory, by age group, over time, as well as incidence for 39 different cancer sites.
- **Cardiovascular disease statistics**, including trends for cardiovascular disease [mortality](#) and [hospital separations](#) by province and territory, by age group, over time.
- **Injury statistics**, including injury mortality and hospital separations by province and territory, by age group, and over time, and injuries and the circumstances of injuries treated in the emergency departments of the Canadian Hospitals Injury Reporting and Prevention Program [CHIRPP].
- **Notifiable disease statistics**, including rates in the population.
 - Communicable disease cases, by sex, age group, by type of disease, by International Classification of Diseases (ICD-9), by province and territory
 - Infectious and notifiable diseases, bacterial, viral and parasitic cases, by sex, age group
 - Infectious diseases, viral, bacterial and parasitic cases, by sex, age group
 - AIDS, cases, by sex, age group
 - Chicken pox, measles, rubella, mumps, cases, by sex, age group
 - Gonococcal infections or syphilis, cases, by sex, age group

Notes:

Starting January 1, 2000, there were changes made to the list of diseases/conditions under national surveillance. New diseases were added and some have been removed.

The Disease surveillance online can be found at <http://www.hc-sc.gc.ca/pphb-dgspssp/dsol-smed/index.html>

Electronic or multiple-copy print reproduction of content on this site, in whole or in part, for the purposes of commercial redistribution is prohibited except with written permission from the Government of Canada's copyright administrator, Public Works and Government Services Canada (PWGSC). Through the permission granting process, PWGSC helps ensure individuals/organizations wishing to reproduce Government of Canada materials for commercial purposes have access to the most accurate, up-to-date versions. To obtain permission to reproduce materials on this site for commercial purposes please contact:

Public Works and Government Services Canada
 Canadian Government Publishing Directorate
 Constitution Square Building, 4th Floor
 350 Albert Street
 Ottawa, Ontario Canada
 K1A 0S5 or
Copyright.Droitsdauteur@pwgsc.gc.ca

Translations or modifications are not permitted without the consent of Health Canada.