
Inventory of Rural Health Research Related Databases

Database name: **National Trauma Registry**

Thematic Coverage: This survey collects national statistics on injuries in Canada.

Maintained by: CIHI

Availability: Data disclosure is determined by CIHI's Privacy and Confidentiality Policy (see www.cihi.ca). If privacy and confidentiality criteria are met, data can be released at the sub-provincial level. Costs are dependent upon the level data required, plus programming and processing fees.

Start Date: 1994/1995 Minimal dataset
1996/1997 Comprehensive dataset
Mortality dataset under development

Release Date: Approximately 12 months after data collection period

Frequency of collection: Annual

Data Collection: Data come from the Hospital Morbidity Database, plus data from provincial trauma registries or trauma centres in Canada.

Sample size: Approximately 1 400 000 Minimal dataset records
Approximately 40 000 Comprehensive dataset records

Geographic coverage: All provinces and territories

Lowest geographic level collected: Postal Code

Lowest geographic level of release: Forward Sortation Area or Enumeration Area depending on request

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:

There are three datasets:

- *Minimal Dataset* – contains demographic, diagnostic and procedural information on all admissions to acute care hospitals in Canada due to injury
- *Comprehensive Dataset* – contains data on patients hospitalized with major trauma
- *Mortality Dataset* – currently under development and will contain data on all deaths in Canada due to injury, pending the implementation of a national coroner's/medical examiner's database. This mortality data set is not expected for 2 to 5 years.

Notes:

The NTR cannot identify First Nations/North American Indian, Inuit, or Metis populations.

Discharges from any outpatient services in any hospital and discharges from psychiatric hospitals are not contained in this database.

Data are reported based on the region of the patient's residence, not region of hospitalization.

Consequently, these figures reflect the hospitalization experience of residents of the region wherever they are treated as opposed to the comprehensive activity of the region's hospitals. It represents how frequently residents of a given area received hospital care rather than the volume of services provided by hospitals.

For more information, contact ntr@cihi.ca