



CIHI Update

The Trauma Registries team, part of CIHI's Clinical Registries department, manages the National and Ontario Trauma registries. The team provides data for studies of national injury epidemiology, facilitates provincial and international injury comparisons, increases awareness of injury as a public health problem in Canada and supports injury-related analysis and research with the goal of reducing injuries and related deaths.

Who We Are

Established in 1994, CIHI is an independent, not-for-profit corporation that provides essential information on Canada's health system and the health of Canadians. Funded by federal, provincial and territorial governments, we are guided by a Board of Directors made up of health leaders across the country.

Our Vision

To help improve Canada's health system and the well-being of Canadians by being a leading source of unbiased, credible and comparable information that will enable health leaders to make better-informed decisions.

Clinical Registries

CIHI Trauma Registries Update

Introduction

CIHI Trauma Registries is pleased to present its spring/summer 2011 update. In this edition, you will find new and salient information about the National Trauma Registry (NTR) and the Ontario Trauma Registry (OTR), as well as content relevant to the collection, data quality and clinical or technical needs of participating stakeholders.

Trauma Association of Canada's Annual Scientific Meeting

On April 7 and 8, CIHI participated in the Trauma Association of Canada's Annual Scientific Meeting in Banff, Alberta. The conference was well attended and provided an opportunity for people involved in various aspects of trauma to gather and speak with each other. The Trauma Registry Information Specialists of Canada's Annual Meeting took place on April 6. Finally, the NTR Advisory Committee met on April 9 for its annual in-person meeting; discussions included implementing the revised *NTR Data Dictionary* and data quality initiatives. We look forward to seeing everyone again at the next conference, in Toronto, on April 12 and 13, 2012.

Revision of Annual Reports

We are working very closely with both the OTR and NTR advisory committees to make our annual reports more informative and relevant for our external stakeholders, such as by including comparative and benchmarking information. If you have any feedback about CIHI's Trauma Registries annual reports, please contact us by email at ntr@cihi.ca.

New CIHI e-Newsletter

Since 1995, CIHI has published a print corporate newsletter, *Directions*. On May 18, 2011, CIHI launched a new e-newsletter, called *Land*. This monthly e-newsletter includes a look ahead at coming events and products from CIHI, a look back at work we've done, a spotlight on the impact our work has had and special features of interest to those in the health field. For more information and to subscribe, please visit the *Land* website at www.cihi.ca/land/.

New Data Dictionary for NTR

The new *NTR Comprehensive Data Set (CDS) Data Dictionary* has now been released to stakeholders across Canada. The new dictionary expands on the current NTR CDS data standard to ensure that the NTR CDS stays current with the information needs of NTR stakeholders. Adoption of the new data dictionary will be mandatory in April 2012. If you would like to receive a copy of the new *NTR Data Dictionary*, please send an email to ntr@cihi.ca.

NTR CDS Data

Data for 2009–2010 will soon be available. The NTR CDS report *Major Injury in Canada* is scheduled for release in winter 2012.

We will issue a call for 2010–2011 NTR data in September 2011. To be included in the next annual report, data must be submitted to CIHI by December 1, 2011.

Changes to OTR CDS Inclusion Criteria

As of April 1, 2011, the following additions have been made to the OTR CDS inclusion criteria:

- All cases with a trauma team activation, regardless of ISS; and
- All cases with ISS ≥ 12 calculated in either AIS 2005 or AIS 1990.

Canada Is Moving to AIS 2005

AIS 2005 has been added to the new *NTR Data Dictionary*. Consistent with implementation of all changes found in the new data dictionary, centres can choose to start collecting AIS 2005 now, with usage becoming mandatory in April 2012.

For more information on AIS 2005, please visit www.carcrash.org/ or www.traumacanada.org/Default.aspx?pagelid=829760.

NTR and Data Quality

This year will be the fourth that the NTR will participate in the *Data Quality Report for Provinces/Territories*. The report includes a set of actionable data quality indicators related to data submitted to the NTR CDS. For example, data accuracy is assessed by examining the percentage of submitted records that generate errors. Upon its release in December 2011, the report will be sent to provincial and territorial deputy ministers.

Collaboration on CIHR Projects

CIHI is currently collaborating on a number of projects funded by the Canadian Institutes of Health Research (CIHR), looking at quality of care, outcomes and injury prevention:

1. Developing a Patient- and Family-Centred Approach for Measuring the Quality of Trauma Care (H. Tom Stelfox, University of Calgary, and S. Straus, University of Toronto)
2. Developing Quality Indicators to Assess the Care of Adults With Major Traumatic Injuries (Avery Nathens, University of Toronto, and H. Tom Stelfox, University of Calgary)
3. Child and Youth Injury Prevention (Ian Pike, University of British Columbia, and Alison Macpherson, York University)
4. Developing and Promoting an Online Child and Youth Injury Dashboard (Ian Pike, University of British Columbia, and Alison Macpherson, York University)

Please contact the investigators for more information on these projects.

NTR and OTR Products and Services, 2011–2012

Resource	Release Date
NTR eMDS 2009–2010 data release	Summer 2011
<i>Data Quality Report for Provinces/Territories</i>	December 2011
<i>OTR Major Injury in Ontario Report (2010–2011 Data)</i>	Winter 2012
<i>NTR Major Injury in Canada Report (2009–2010 Data)</i>	Winter 2012
<i>NTR Privacy Impact Assessment</i>	Winter 2012
<i>OTR Privacy Impact Assessment</i>	Winter 2012

Process for Requesting Data From CIHI

In 2010–2011, 30 requests were made to CIHI for NTR and OTR data. Some of the topics of interest were cycling injuries, falls in seniors, drowning, traumatic brain injury and access to trauma care.

When asking for data from CIHI, requestors have access to 27 different databases, such as the Discharge Abstract Database (DAD) and the National Ambulatory Care Reporting System (NACRS). A description of all data holdings is available in CIHI's *Products and Services Guide*, available at <https://secure.cihi.ca/estore/productSeries.htm?pc=PCC69>.

Here are the five steps involved in a CIHI data request:

1. Once you've visited CIHI's data holding pages on our website and narrowed down the main topics and databases of interest, complete and submit the online data inquiry form. This form will be routed to the appropriate program area based on the main topic you selected.
2. CIHI will assess whether our data can answer your research question or data needs, as well as the conditions for the release of data, in accordance with our privacy and data release policies.
3. CIHI will work closely with you to finalize the specifications of your data request and to ensure that appropriate documentation is completed and signed. During this stage, CIHI will be able to provide you with an estimate of the timeline to process your request and any associated fees (cost-recovery only) that may apply for this service.
4. Once you confirm that you would like the request to proceed, CIHI will process and verify the data.
5. CIHI will make arrangements with you regarding secure delivery of the data. For third-party, record-level data requests, CIHI has a follow-up program in place to ensure that clients securely destroy CIHI data after a specified period of time, as stated in the non-disclosure/confidentiality agreement, which is signed by the client and all persons accessing the data.

Please consult our data request web page for more information, at www.cihi.ca/cihi-ext-portal/internet/en/tabbedcontent/standards+and+data+submission/data+requests/cihi012210.

Contact Us

You can send an email to ntr@cihi.ca or otr@cihi.ca. Please visit our web pages, at www.cihi.ca/ntr and www.cihi.ca/otr, for further information about new developments, current Trauma Registries products and other related content.