



Clinical Administrative Databases (CAD) Resources, Products and Tools

CIHI has created several resources, products and tools to help you work with the

- National Ambulatory Care Reporting System (NACRS);
- Discharge Abstract Database (DAD); and
- Hospital Morbidity Database (HMDB).

This job aid will provide an overview of what's available.

Click the links below or search related keywords on [CIHI's website](#) to find what you require.

Database-specific resources

NACRS, DAD and HMDB metadata web pages

These web pages provide helpful information on data sources, data coverage, data availability, field evolution, historical documents, data quality, etc.

- [National Ambulatory Care Reporting System \(NACRS\) metadata](#)
- [Discharge Abstract Database \(DAD\) metadata](#)
- [Hospital Morbidity Database \(HMDB\) metadata](#)

NACRS and DAD open-year data quality (OYDQ) test specifications

These are companion products to OYDQ reports. They list the rules, selection criteria and data elements used for each test. Information is available by year. Scroll or tab to the data quality section of each of the following web pages to access.

- [National Ambulatory Care Reporting System \(NACRS\) metadata](#)
- [Discharge Abstract Database \(DAD\) metadata](#)

Bulletins

CIHI disseminates bulletins and technical news updates to clients throughout the year. Access them

- Via the [Submit data and view standards web page](#), scrolling to the bulletins and technical news section; or
- Via email (bulletins, Core Plan members only); write to help@cihi.ca to be added to the distribution list.



Key resources for data submitters

The following resources are available from your My Services web page, accessible via [CIHI home page > Log in > My Services](#).

DAD/NACRS Abstracting Manual web tool

The [DAD/NACRS Abstracting Manual](#) web tool contains the following resources.

DAD and NACRS abstracting manuals

These provide information on how to complete an abstract, including definitions for each data element, collection instructions, field status/specifications tables, provincial/territorial variations and changes tables.

DAD and NACRS Submission Manual

This provides an overview of the DAD and NACRS data submission protocols and rules; it also describes the facility-testing process.

DAD and NACRS error decoders

These provide detailed descriptions of the edit logic behind DAD and NACRS error numbers.

Special Projects Data Collection Instructions

This provides a listing of special projects currently in use and the data specifications on how to collect each field. CIHI reserves project numbers 001 to 499, 900 and 998 for itself as well as for provincial/territorial ministry or department of health designations. Project numbers 500 to 999 (with the exception of 900 and 998) are available to all jurisdictions; they can be defined for use by facilities or by provinces/territories, as required.

DAD and NACRS job aids

These provide learning summaries on specific topics relating to DAD and NACRS abstracting.

Disposition Reference Guide

This provides jurisdictional mapping of institution numbers to discharge/visit disposition codes in DAD and NACRS.



National MIS Standards Functional Centre Accounts to Ambulatory Care Group Mapping Table

This provides a mapping of the national Management Information Systems (MIS) Standards functional centre accounts to ambulatory care groups in a table format. The MIS Standards provides a framework to collect financial and statistical information related to the day-to-day operations of health service organizations across Canada.

DAD and NACRS Submission Periods

This resource identifies the Batch Period (Group 01 Field 04) for DAD abstracts and the Submission Period (data element 00D) for NACRS abstracts.

Institution Numbers

This resource provides a listing of valid DAD and NACRS institution numbers across Canada.

Residence Codes

This resource provides a listing of valid residence codes for participating provinces and territories.

Operational reports

These reports provide rich information about your data submissions and case-mix grouped data. Report decoders are located on the left-hand side of the application. Refer to Section 13: Operational reports of the *DAD and NACRS Submission Manual* for the complete list of reports. Open-year data quality reports are also accessible.

eQuery tool

Submit your questions regarding DAD and NACRS abstracting using the [eQuery tool](#) to get access to an online repository of previously posted questions and responses.

Learning Centre

Visit CIHI's [Learning Centre](#) to register for the DAD, NACRS and/or CAD courses that meet your particular needs.

electronic Data Submission Services (eDSS)

Submit DAD and NACRS data to CIHI using this tool. Its user guide can be found on the left-hand side of the [eDSS web page](#).



Manuals and reference tools available from CIHI's online store

[CIHI's online store](#) provides access to key products listed below.

- DAD and NACRS abstracting manuals
- *DAD and NACRS Submission Manual*
- *International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Canada (ICD-10-CA)*
- *Canadian Classification of Health Interventions (CCI)*
- *Canadian Coding Standards for ICD-10-CA and CCI*
- Case-mix reference tools for CACS/CMG+

Classification resources for data submitters

Classification resources web page

The [classification resources web page](#) offers a variety of companion products that support effective coding for DAD and NACRS data collection.



Tools for exploring results

[Indicator library](#)

This provides definitions and methodologies for more than 100 CIHI indicators, ranging from acute care, continuing care and rehabilitation to finance, spending and health human resources.

[Health Indicators Interactive Tool](#)

This provides a compilation of pre-formatted and interactive tables on selected health indicators that compare health status, health system performance and characteristics among different jurisdictions in Canada.

[CIHI Portal](#)

This provides access to pan-Canadian, premium health care data. The web-based business intelligence tool offers advanced filtering options, providing the ability to perform ad hoc data queries.

[Quick Stats](#)

This is a series of free, publicly available, at-a-glance reports about Canada's health care statistics.



cad@cihi.ca

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