



AAC

Acute and Ambulatory Care Data Content Standard



Canadian Institute
for Health Information
Institut canadien
d'information sur la santé

Production of this document is made possible by financial contributions from Health Canada and provincial and territorial governments. The views expressed herein do not necessarily represent the views of Health Canada or any provincial or territorial government.

All rights reserved.

The contents of this publication may be reproduced unaltered, in whole or in part and by any means, solely for non-commercial purposes, provided that the Canadian Institute for Health Information is properly and fully acknowledged as the copyright owner. Any reproduction or use of this publication or its contents for any commercial purpose requires the prior written authorization of the Canadian Institute for Health Information. Reproduction or use that suggests endorsement by, or affiliation with, the Canadian Institute for Health Information is prohibited.

For permission or information, please contact CIHI:

Canadian Institute for Health Information
495 Richmond Road, Suite 600
Ottawa, Ontario K2A 4H6

Phone: 613-241-7860

Fax: 613-241-8120

cihi.ca

copyright@cihi.ca

© 2019 Canadian Institute for Health Information

Cette publication est aussi disponible en français sous le titre *Norme relative au contenu des données sur les soins ambulatoires et de courte durée*.

Table of contents

Introduction	4
About CIHI	4
About this document.	4
Background/purpose	5
Value to stakeholders	5
Use case scenario	6
What is a use case?.	6
Use case: Narrative	6
Use case: Swim lane diagram	7
Document maintenance	8
Stakeholder implementation considerations.	9
AAC data elements	9
Next steps	10
Stakeholder engagement	10
Demonstration projects and/or proofs of concept.	10
CIHI contact information and other products	10
AAC data elements	10
Data element name	10
Data element definition.	10
Specifications	11
ED/Day surgery/Ambulatory clinic/Inpatient	12
Appendix A: CIHI Provider Service numbers	62
Appendix B: National MIS Standards functional centre accounts.	67
Appendix C: Valid format of provincial health care numbers	86
Appendix D: CIHI-assigned Patient Service numbers*.	87
Appendix E: Glossary of terms.	90
Reference	91

Introduction

About CIHI

The Canadian Institute for Health Information (CIHI) is an independent, not-for-profit organization dedicated to providing essential health information to all Canadians.

CIHI works closely with federal, provincial and territorial partners and stakeholders throughout Canada to gather, package and disseminate information to inform policy, management, care and research, leading to better and more equitable health outcomes for all Canadians.

Health information has become one of society's most valuable public goods. For 25 years, CIHI has set the pace on data privacy, security, accessibility and innovation to improve Canada's health systems.

CIHI: Better data. Better decisions. Healthier Canadians.

About this document

This document is intended to provide jurisdictions, health care organizations and vendors with information on CIHI's acute and ambulatory care data requirements so that they can be considered and implemented within e-health systems that collect this data at the point of care. This Acute and Ambulatory Care (AAC) Data Content Standard includes the data elements, data element definitions, high-level specifications and valid values that must be submitted to CIHI's Discharge Abstract Database (DAD) and National Ambulatory Care Reporting System (NACRS) data holdings. This document does not contain detailed coding instructions or technology-specific implementation guidance. Additional materials containing this information are available from CIHI upon request.

For the purposes of this document, Canada Health Infoway's definitions have been adopted to distinguish between electronic health records, electronic medical records and personal health records:¹

- **Electronic health record (EHR):** The systems that make up the secure and private lifetime record of a person's health and health care history. These systems store and share such information as lab results, medication profiles, key clinical reports (e.g., hospital discharge summaries), diagnostic images (e.g., X-rays) and immunization history. The information is available electronically to authorized health care providers.
- **Electronic medical record (EMR):** An office-based system that enables a health care professional, such as a family doctor, to record the information gathered during a patient's visit. This information might include a person's weight, blood pressure and clinical information,

and would previously have been handwritten and stored in a file folder in a doctor's office. Eventually, the EMR will also allow the doctor to access information about a patient's complete health record, including information from other health care providers that is stored in the EHR.

- **Personal health record:** A complete or partial health record under the custodianship of a person(s) (e.g., a patient or family member) that holds all or a portion of the relevant health information about that person over his or her lifetime. This is also a person-centric health record, but unlike the EHR, the patient has control over the record, rather than the health care provider.

Since this document is specific to acute and ambulatory care data requirements, it will apply to EHRs and hospital information systems (HISs).

Background/purpose

Health care organizations and their funders need timely, quality and affordable data. E-health systems are integral to patient care and to effective planning and health system management. In order to build a truly interoperable system across the continuum of care, including health system use, data standards need to be considered at the outset. Data standards are the foundation of relevant and useful information for both clinical decision-making and health system planning and management purposes.

CIHI has been leading an initiative to improve and standardize acute and ambulatory care data across the country, in alignment with Canada's federal, provincial and territorial EHR or e-health programs. Data standards such as this will ensure the consistent collection of data at the point of care that is comparable and measurable, thereby maximizing investments in e-health or digital technologies and generating actionable data. This will enable predictive, preventive and population health-based interventions that can improve clinical outcomes, reduce costs and increase the sustainability of quality health care.

Value to stakeholders

It is anticipated that the AAC Data Content Standard will increase the availability of structured, comparable data to support priority information needs at the clinical and health system levels. The scope of the AAC Data Content Standard is focused on hospital inpatient, emergency department (ED), ambulatory/community clinic and day surgery data requirements in CIHI's DAD and NACRS data holdings. Once implemented, high-quality and comprehensive data will be able to flow seamlessly and quickly to CIHI, allowing organizations to meet reporting requirements and providing the health care system as a whole with access to more timely data that can inform improvements to the quality of care, patient safety and patient outcomes.

Use case scenario

What is a use case?

Use cases provide scenarios that describe the electronic transmission points of a common set of data elements between an end user and another system to link knowledge and achieve a specific business goal. For example, the structured capture of patient administrative and clinical data from an acute or ambulatory care encounter supports the calculation of priority health indicators for clinicians, health system planners and policy-makers.

A use case includes the following components:

- **Narrative:** A brief story about people's interactions with specific aspects of the DAD/NACRS system.
- **Swim lane diagram:** A picture of the people, systems and EHR data involved in specific aspects of the DAD/NACRS system. Each swim lane represents the action of a person or a system. In each lane, actions are initiated by an actor and result in data inputs or outputs to the system.
- **Flow of events:** A sequential flow of actions, derived from the narrative that corresponds to key points in the swim lane diagram. Each step in the sequential flow of actions is referenced in the diagram as a numbered circle.

Use case: Narrative

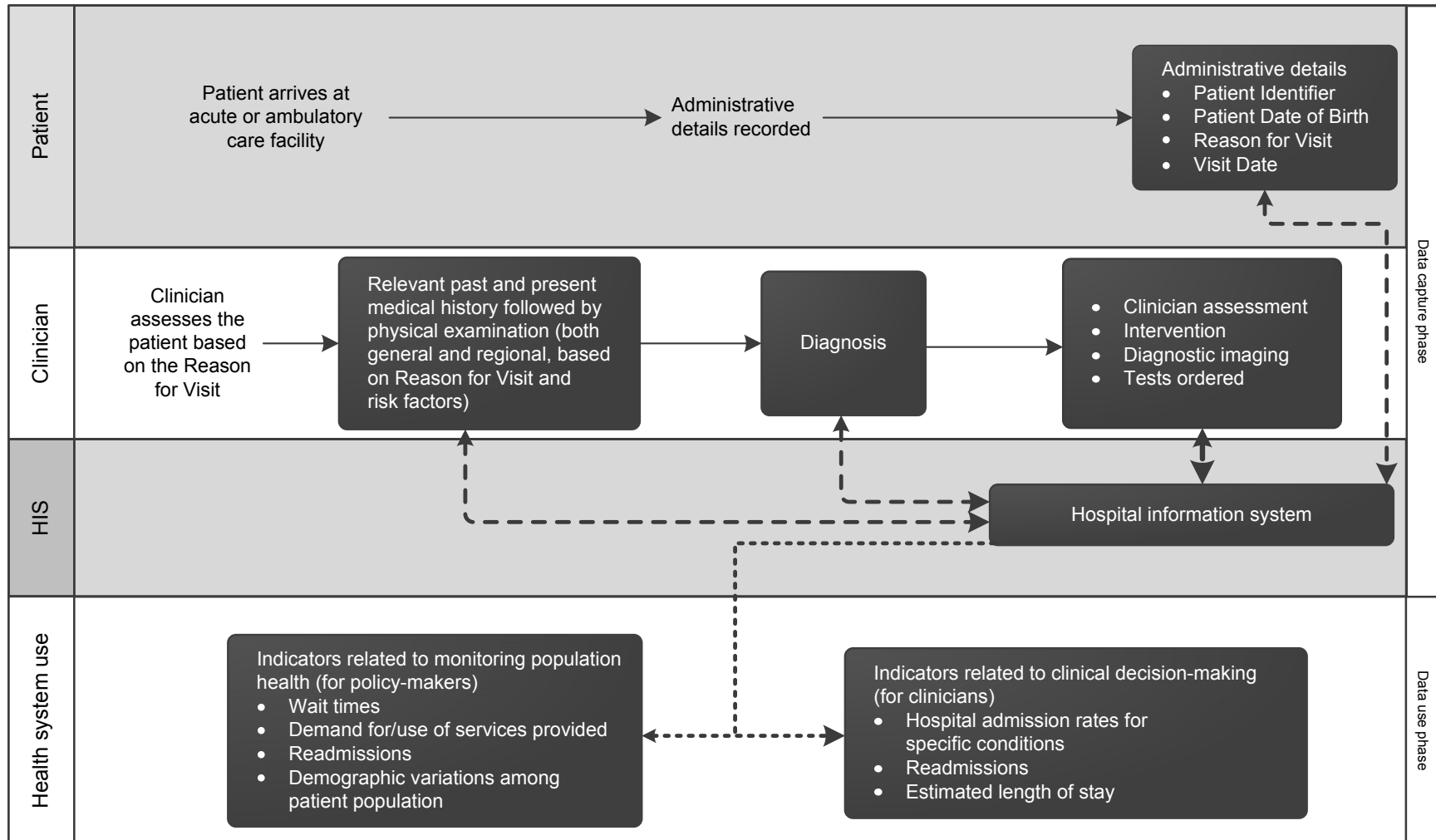
At the onset of an encounter, patient administrative details are captured in an HIS, followed by the additional clinical data captured by a clinician. Data elements such as Diagnosis and Intervention are captured in the HIS in a structured format.

Once captured within the HIS, the structured data is used to support improvements to quality of care and health outcomes. In a standardized format, the HIS data can be sent to CIHI in near real time for comparable reporting to support performance measurement at the practice and health system levels. The data can also be used to support clinical decision-making and health system planning or management by clinicians, health system planners and policy-makers as needed.

Use case: Swim lane diagram

The following figure provides an example of a swim lane diagram.

Figure Use case: Swim lane diagram



Use case: Flow of events

1. The patient arrives at a health care organization for clinical care.
2. Administrative details about the patient are recorded, such as Patient Identifier, Patient Date of Birth, Reason for Visit and Visit Date.
3. The clinician assesses the patient, reviews the health information in the HIS and, based on Reason for Visit, gathers relevant past and present medical history and performs a physical examination.
4. The clinician makes a diagnosis and records this in the HIS.
5. The clinician's assessment and intervention, including any diagnostic images or tests ordered, are also recorded in the HIS in a structured format.
6. The data captured in the HIS at different stages during an encounter is used by clinicians and health system policy-makers to aggregate information to facilitate clinical decision-making and health system planning or management. Indicators to monitor population health (for policy-makers) include those related to wait times, demand for use of services provided, readmissions and demographic variations among the patient population. Indicators for clinical decision-making (for clinicians) include those related to hospital admission rates for specific conditions, readmissions and estimated length of stay.

Document maintenance

CIHI will work with jurisdictions and other key partners to inform the refinement and evolution of the AAC Data Content Standard over time. Changes to data elements will be driven by jurisdictional priorities and information needs, as well as the capability and interest of clinicians to collect additional data in a structured format. This document will be updated on an annual basis, if needed, to reflect any updates and enhancements to CIHI's data requirements.

CIHI will continue to retain accountability for the AAC Data Content Standard. CIHI will continue to collaborate with its jurisdictional and national partners to ensure that this data remains relevant and valuable for the purposes identified.

Stakeholder implementation considerations

AAC data elements

Stakeholders are encouraged to adopt all of the data elements in this standard within their EHRs or HISs. The data elements table that starts on page 12 provides a detailed view of the 150 data elements, including data element definitions, data types, valid formats and the area within a health care organization (ED, day surgery, ambulatory clinic, inpatient unit) to which the data elements are applicable. Appendices A to Eⁱ provide supporting information as referenced in the data elements table.

Presenting Complaint List

The Canadian Emergency Department Information System (CEDIS) Presenting Complaint List (PCL) contains patient complaints commonly seen in the ED. It provides a standardized list to capture patient reasons for seeking emergency medical care. The CEDIS PCL is used to capture the Presenting Complaint data element and can be accessed through [CIHI's eStore](#).

Canadian Emergency Department Diagnosis Shortlist

The Canadian Emergency Department Diagnosis Shortlist (CED-DxS) is used to capture the ED Discharge Diagnoses data element and can be accessed through [CIHI's eStore](#).

Additional data elements

Federal, provincial/territorial and regional/local stakeholders may choose to define and collect additional data elements in the AAC Data Content Standard. This decision will be driven and supported by individual jurisdictional program needs. In turn, CIHI will consider including these additional elements in the AAC Data Content Standard once they have been incorporated into the DAD and/or NACRS systems. Please send an email to cad@cihi.ca for further guidance when considering the inclusion of additional data elements.

i. Appendices are valid as of January 2016 and are updated at the start of each fiscal year to ensure currency.

Next steps

Stakeholder engagement

CIHI will engage jurisdictional representatives and vendors to promote the AAC Data Content Standard. In turn, jurisdictions, health care organizations, vendors and stakeholders should consider the adoption and implementation of this standard as part of their e-health or EHR program(s).

Demonstration projects and/or proofs of concept

CIHI will explore opportunities with ready jurisdictions, health care organizations or vendors to engage in demonstration projects where there is a commitment by the jurisdiction and/or partner to collect structured data at the point of care in accordance with this standard. These demonstration projects will be replicated and then form the basis for larger regional initiatives, leading to a pan-Canadian approach.

CIHI contact information and other products

For more information on the AAC Data Content Standard or to learn more about CIHI's role in acute and ambulatory care data, please email the Clinical Administrative Databases program at cad@cihi.ca or visit [CIHI's website](#).

AAC data elements

This section provides the data elements that make up the AAC Data Content Standard. The data elements have been organized into categories to support adoption/implementation. Details on how to read the sections of the data elements table are provided below.

Data element name

Each data element has its own name.

Data element definition

The definition provides a description of the information that is captured in the data element.

Specifications

Technical specifications for each data element are displayed in the table. These are provided to help vendors, data users and data collectors understand the record layout.

Common technical specifications are provided below:

Field type	<ul style="list-style-type: none"> Any alpha characters referenced in the table below must be uppercase. Alphanumeric means any uppercase letter and/or the digits 0 through 9. Numeric means the digits 0 through 9.
Field length	<ul style="list-style-type: none"> The number of characters.
Valid format	<ul style="list-style-type: none"> The specific format for data elements, if applicable. Date entries must follow the format YYYYMMDD (year, month, day). Time entries must follow the format HHMM (hours and minutes using the 24-hour clock).
Justification	<ul style="list-style-type: none"> Alignment of the data in the field, if applicable.
Zero fill	<ul style="list-style-type: none"> Spaces are not acceptable. Blanks must be filled with zeros.
Occurrences	<ul style="list-style-type: none"> The number of times a data element is repeated when more than 1 occurrence of the data element is allowed.
Valid data	<ul style="list-style-type: none"> Acceptable values.

ED/Day surgery/Ambulatory clinic/Inpatient

These columns indicate whether a given data element is available (A) or not available (n/a) for a type of patient care: emergency department, day surgery, ambulatory clinic or inpatient.

Organization/facility data

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Reporting Facility's Province/Territory	Province or territory of the submitting facility.	Field type: Alpha Field length: 2 characters Valid data: NL, PE, NS, NB, QC, ON, MB, SK, AB, BC, YT, NT, NU	A	A	A	A
Reporting Facility's Institution Number	A 5-character code assigned to a reporting facility by a provincial/territorial ministry of health identifying the facility and the level of care of the data submitted.	Field type: Alphanumeric Field length: 5 characters Valid data: As assigned by the province/territory The first character identifies the reporting province/territory: 0 = Newfoundland and Labrador 1 = Prince Edward Island 2 = Nova Scotia 3 = New Brunswick 4 = Quebec 5 = Ontario 6 = Manitoba 7 = Saskatchewan 8 = Alberta 9 = British Columbia Y = Yukon N = Northwest Territories V = Nunavut I = International (DAD only)	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Visit MIS Functional Centre Account Code	The account number that represents the statistical and financial reporting related to the service provided.	Field type: Numeric Field length: 9 characters Valid data: National MIS Standards functional centre account code (see Appendix B) MIS = Management information system	A	A	A	A
MIS Functional Centre Account Code	A list of all the MIS Standards functional centre account codes related to the services provided during an ambulatory care visit.	Field type: Numeric Field length: 9 characters Justification: Left justified Occurrences: Up to 10 Valid data: National MIS Standards functional centre account codes or blank MIS = Management information system	A	A	A	n/a

Demographic data

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Chart Number (Medical Record Number)	The patient's unique identification number (also known as a medical record number) as assigned by the provider/delivery organization.	Field type: Alphanumeric Field length: 10 characters Justification: Right justified Valid data: 0–9, A–Z	A	A	A	A
Encounter Sequence Number	Provides a clinical link for encounters with the same ambulatory Registration Number where services are provided to the patient on a recurring basis.	Field type: Numeric Field length: 3 characters Justification: Right justified Valid data: 001–999	A	A	A	n/a

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Maternal/Newborn Chart Number	Chart number of the live-born infant delivered by the patient during the current inpatient stay or the mother's chart number for the live-born newborn patient.	Field type: Alphanumeric Field length: 10 characters Justification: Right justified Valid data: 0–9, A–Z or blank	n/a	n/a	n/a	A
Health Care Number	The patient's unique health care coverage number as assigned to the patient by the provincial/territorial or federal government.	Field type: Alphanumeric Field length: 12 characters Justification: Left justified Valid data: Valid health care number, 0, 1, 8 or 9 (see Appendix C) 0 = Insured resident of reporting province/territory but health care number is not available 1 = Health care number not applicable 8 = Cadaveric donor 9 = Stillbirth	A	A	A	A
Province/Territory Issuing Health Care Number	The provincial/territorial or federal government from which the health care number was issued.	Field type: Alphanumeric Field length: 2 characters Valid data: NL, PE, NS, NB, QC, ON, MB, SK, AB, BC, YT, NT, NU, 99, CA 99 = Not applicable CA = Canada (penitentiary inmates, Aboriginal Affairs and Northern Development Canada, Veterans Affairs Canada)	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Responsibility for Payment	Identifies the primary group responsible for payment of service(s) rendered.	Field type: Numeric Field length: 2 characters Valid data: 01–08 or blank 01 = Provincial/territorial responsibility 02 = Workers' Compensation Board/Workplace Safety and Insurance Board, Workers' Service Insurance Board, equivalent 03 = Other province/territory (resident of Canada) 04 = Veterans Affairs Canada 05 = First Nations and Inuit Health Branch 06 = Other federal government (Department of National Defence, Citizenship and Immigration) or penitentiary inmates 07 = Canadian resident self-pay 08 = Other country resident self-pay	A	A	A	A
Postal Code	Code assigned by Canada Post to identify the patient's place of residence.	Field type: Alphanumeric Field length: 6 characters Justification: Right justified Valid data: Valid postal code (ANANAN), 2-digit mini-postal code, 99 99 = Unknown	A	A	A	A
Residence Code	A jurisdiction-defined code used to identify the area in which the patient resides.	Field type: Alphanumeric Field length: 7 characters Justification: Right justified Valid data: As defined by the province/territory or blank	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Gender	The sex of the patient.	Field type: Alpha Field length: 1 character Valid data: M, F, U, O M = Male F = Female U = Undifferentiated (stillbirths only) O = Other (other, unknown)	A	A	A	A
Birth Date	The date the patient was born.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD), 99990901 99990901 = Unknown	A	A	A	A
Birth Date Is Estimated	A flag that indicates that Birth Date has an unknown day/ month or an estimated year of birth.	Field type: Alpha Field length: 1 character Valid data: Y or blank Y = Yes	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Highest Level of Education	The highest level of education completed by the patient.	Field type: Numeric Field length: 1 character Valid data: 1–8 or blank 1 = None: No formal education or training 2 = Elementary: Primary grades prior to high school 3 = Secondary: Some high school training without graduation 4 = Secondary: High school diploma or certificate 5 = Post-secondary: Non-university or university training without completion 6 = Post-secondary: Non-university completed 7 = University: University training with a degree 8 = Unknown: Use this category only if this information is not available	A	A	A	n/a
Access to Primary Health Care Code	Identifies whether a patient has access to primary health care, through a family physician, family health team, walk-in clinic or other settings.	Field type: Numeric Field length: 1 character Valid data: 1–3, 9 or blank 1 = Family physician 2 = Other (e.g., family health team, walk-in clinic) 3 = None 9 = Unknown/unavailable (e.g., when patient is unconscious or arrives dead)	A	A	A	n/a

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Registration Number	Facility-derived number to associate the patient with a particular visit.	<p>NACRS Field type: Alphanumeric Field length: 12 characters Justification: Right justified</p> <p>Valid data: Facility-derived and -assigned number or blank</p> <p>DAD Field type: Numeric Field length: 7 characters Justification: Right justified</p> <p>Valid data: 0–9</p>	A	A	A	A

Arrival data

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Submission Fiscal Year	<p>The fiscal year (April 1 to March 31) in which the patient's visit occurred.</p> <p>Note: NACRS uses Registration Date to determine fiscal year; the DAD uses Discharge Date.</p>	<p>Field type: Numeric Field length: 4 characters</p> <p>Valid data: Valid fiscal year (YYYY)</p>	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Admit via Ambulance	Identifies whether a patient arrived at the reporting facility via ambulance and, if so, the type of ambulance that was used.	Field type: Alpha Field length: 1 character Valid data: A, G, C, N or blank A = Air ambulance only G = Ground ambulance only C = Combination of air and ground ambulance N = No ambulance	A	A	A	A
Ambulance Arrival Date	The date the ambulance/ emergency medical service (EMS) pulled into the hospital driveway and arrived at the hospital. If arrival was by air ambulance, the date when the aircraft landed on the facility's heliport.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	A	n/a	n/a	n/a
Ambulance Arrival Time	The time the ambulance/ EMS pulled into the hospital driveway and arrived at the hospital. If arrival was by air ambulance, the time when the aircraft landed on the facility's heliport.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	n/a	n/a	n/a
Ambulance Transfer of Care Process Date	The date that ambulance personnel turned over care of the patient to ED or hospital staff and no longer had responsibility for the patient.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	A	n/a	n/a	n/a

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Ambulance Transfer of Care Process Time	The time that ambulance personnel turned over care of the patient to ED or hospital staff and no longer had responsibility for the patient.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	n/a	n/a	n/a
Triage Date	The date the patient was triaged in the ED.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	A	n/a	n/a	n/a
Triage Time	The time the patient was triaged in the ED.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	n/a	n/a	n/a
Arrival Date	Date the patient arrived at the ED (before triage).	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	A	n/a	n/a	n/a
Arrival Time	Time the patient arrived at the ED (before triage).	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM) or blank	A	n/a	n/a	n/a
Date of Registration/Visit	The date the patient was officially registered.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD)	A	A	A	A
Registration/Visit Time	The time the patient was officially registered.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM) or blank DAD only 9999 (unknown)	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Referral Source	The person or agency that referred the patient for ambulatory care service in the reporting facility.	Field type: Numeric Field length: 2 characters Valid data: 01–11, 98, 99 or blank 01 = Self/family member, caretaker, guardian 02 = Inpatient service 03 = Ambulatory care service 04 = Private practice 05 = Drug dependency service 06 = Community health service 07 = Residential care facility 08 = Legal service 09 = Educational agency 10 = Home care 11 = Mental health facility 98 = Other 99 = Unknown/unavailable	A	A	A	n/a
Institution From	The number assigned by the provincial/territorial ministry or department of health of the facility from which the patient was directly transferred for further treatment or care. This can be another health care facility or another level of care within the reporting facility. In addition to capturing transfer settings, this field also identifies referrals/services received in the community.	Field type: Alphanumeric Field length: 5 characters Valid data: Valid Institution Number or blank	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Referral Date	The date the patient was referred to an ambulatory care service.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	n/a	A	A	n/a
Admit Category	The initial status of the patient at the time of admission to the reporting facility.	Field type: Alpha Field length: 1 character Valid data: L, U, N, S, R L = Scheduled/elective U = Urgent/emergent N = Newborn S = Stillborn R = Cadaveric donor	n/a	A	n/a	A
Entry Code	Indicates the last point of entry prior to being admitted as an inpatient to the reporting facility.	Field type: Alpha Field length: 1 character Valid data: D, E, N, S, P, C D = Direct E = Emergency N = Newborn S = Stillborn P = Day procedure C = Clinic	n/a	A	n/a	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Legal Status Upon Arrival to ED	<p>ED: Identifies the status of the patient at the time of arrival to the ED of the reporting facility for involuntary cases only.</p> <p>Inpatient: Identifies the status of the patient at the time of arrival to the ED of the reporting facility.</p>	<p>Field type: Numeric Field length: 2 characters</p> <p>NACRS Valid data: 20, 30–89</p> <p>20 = Involuntary psychiatric assessment 30 = Orders for assessment/apprehension 39 = Community treatment order 40 = Drug treatment court 41 = Youth detoxification 42 = Youth detoxification and treatment 50 = Forensic admission 60 = Consent to admission 70 = Inmates 80 = Other</p> <p>DAD Valid data: 10–99, blank</p>	A	n/a	n/a	A

Discharge data

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Visit Disposition	Identifies the patient's status or where patient was discharged to.	Field type: Numeric Field length: 2 characters NACRS Valid data: 06–09, 12–14, 16, 17, 30, 40, 61–64, 71–74, 90 06 = Admitted into reporting facility as an inpatient to special care unit or from an ambulatory care visit functional centre 07 = Admitted into reporting facility as an inpatient to another unit of the reporting facility from the ambulatory care visit functional centre	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Visit Disposition (continued)		<p>08 = Transferred to another acute care facility directly from an ambulatory care visit functional centre; includes transfers to another acute care facility with entry through the ED</p> <p>09 = Transferred to another non-acute care facility directly from an ambulatory care visit functional centre (e.g., stand-alone rehabilitation facility, stand-alone mental health facility)</p> <p>12 = Intra-facility transfer to day surgery</p> <p>13 = Intra-facility transfer to the emergency department</p> <p>14 = Intra-facility transfer to clinic</p> <p>30 = Residential care</p> <p>40 = Group/supportive living</p> <p>90 = Correctional facility</p> <p>Home</p> <p>16 = Home with support/referral</p> <p>17 = Private home</p> <p>Leave</p> <p>61 = Left post registration</p> <p>62 = Left post initial treatment</p> <p>63 = Left after triage</p> <p>64 = Left after initial assessment</p> <p>Died</p> <p>71 = Dead on arrival</p> <p>72 = Died in facility</p> <p>73 = Medical assistance in dying</p> <p>74 = Suicide in facility</p>				

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Visit Disposition (continued)		<p>DAD Valid data: 04, 05, 08, 09, 10, 20, 30, 40, 61, 62, 65–67, 72–74, 90</p> <p>Transfer 10 = Inpatient care 20 = ED and ambulatory care 30 = Residential care 40 = Group/supportive living 90 = Correctional facility</p> <p>Home 04 = Home with support/referral 05 = Private home</p> <p>Leave 61 = Absent without leave 62 = Left against medical advice 65 = Did not return from pass/leave 66 = Died while on pass/leave 67 = Suicide out of facility</p> <p>Died 72 = Died in facility 73 = Medical assistance in dying 74 = Suicide in facility</p> <p>Cadaver 08 = Cadaveric donor</p> <p>Stillborn 09 = Stillbirth</p>				

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Referred to After Completion of Visit	Describes a person or an agency to which the patient was referred after discharge from the reporting facility.	Field type: Numeric Field length: 2 characters Valid data: 01–11, 98, 99 or blank 01 = Self/family member, caretaker, guardian 02 = Inpatient service (reporting or other facility) 03 = Ambulatory care service (reporting or other facility) 04 = Private practice 05 = Drug dependency service 06 = Community health service 07 = Residential care facility 08 = Legal service 09 = Educational agency 10 = Home care 11 = Mental health facility 98 = Other 99 = Unknown	A	A	A	n/a
Institution To	The number assigned by the provincial/territorial ministry or department of health of the facility to which the patient was directly transferred for further treatment or care. This can be another health care facility or another level of care within the reporting facility. Includes transfers from home care and nursing homes. Also identifies referrals for services following discharge.	Field type: Alphanumeric Field length: 5 characters Valid data: Defined by reporting province/territory, valid Institution Number or blank	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Disposition Date	The date a decision was made by a service provider about the patient's disposition.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	A	A	A	n/a
Disposition Time	The time a decision was made by a service provider about the patient's disposition.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	A	A	n/a
Date Patient Left Emergency Department	The date the patient physically left the ED and did not return during that encounter.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	A	n/a	n/a	A
Time Patient Left Emergency Department	The time the patient physically left the ED and did not return during that encounter.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	n/a	n/a	A
Discharge Date	The date the patient was formally discharged.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD)	n/a	A	n/a	A
Discharge Time	The time the patient was formally discharged.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM), 9999 (unknown)	n/a	A	n/a	A

Patient flow/episode of care data

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Weight	Weight for all patients at birth or on admission to the facility in kilograms (kg).	Field type: Numeric Field length: 6 characters Valid data: 0001–9000 or blank (decimal place is explicit)	n/a	A	n/a	A
Height	The height for patients on admission to the facility in centimetres (cm).	Field type: Numeric Field length: 6 characters Valid data: 0.1–9999.9 or blank (decimal place is explicit)	n/a	A	n/a	A
Mode of Visit/Contact	Describes the method of contact between the provider and the patient.	Field type: Numeric Field length: 1 character Valid data: 1–7 1 = Visit (face to face) with individual patient 2 = Visit (face to face) with a group of patients at facility 3 = Telephone or email contact with patient 4 = Videoconference contact with patient 5 = Visit with patient off site in patient's home 6 = Visit with patient off site at outreach setting 7 = Visit with patient in other setting	A	A	A	n/a
Presenting Complaint List	The symptom, complaint, problem or reason for seeking emergency medical care as identified by the patient.	Field type: Numeric Field length: 3 characters Valid data: Valid code from the CEDIS Presenting Complaint List or blank	A	n/a	n/a	n/a

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
ED Visit Indicator	Indicates whether a visit reported under the emergency MIS functional centre account code is an arranged day surgery or clinic visit taking place in the ED or an ED visit.	Field type: Numeric Field length: 1 character Valid data: 0, 1 or blank 0 = Not an ED visit 1 = ED visit	A	n/a	n/a	n/a
Triage Level	Triage level assigned in the ED.	Field type: Numeric Field length: 1 character Valid data: 1–5, 9 or blank 1 = Resuscitation 2 = Emergent 3 = Urgent 4 = Less-urgent (semi-urgent) 5 = Non-urgent 9 = Unknown	A	n/a	n/a	n/a
Status After Triage	Records the placement of the patient on a stretcher at any point during the ED visit, commencing with triage.	Field type: Numeric Field length: 1 character Valid data: 1–3, 9 or blank 1 = Client requires stretcher 2 = Ambulatory client 3 = Client brought in for pronouncement of death 9 = Unknown	A	n/a	n/a	n/a

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Readmission Code	Provides information about the patient's previous acute care admission or day surgery visit at the reporting facility.	Field type: Numeric Field length: 1 character Valid data: 1–5, 9 or blank 1 = Planned readmission from previous acute care (no time restriction) 2 = Unplanned readmission within 7 days following discharge from acute care 3 = Unplanned readmission 8 to 28 days following discharge from acute care 4 = Unplanned readmission within 7 days following discharge from day surgery 5 = New patient to the acute care unit 9 = None of the above	n/a	n/a	n/a	A
Date of Physician Initial Assessment	The date the physician first assessed the patient.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	A	n/a	n/a	n/a
Time of Physician Initial Assessment	The time the physician first assessed the patient.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	n/a	n/a	n/a
Consult Request Date	The date a request for a consultation was made.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	A	A	A	n/a
Consult Request Time	The time the initial request for a consultation was made.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	A	A	n/a

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Consult Request Service	The service of the provider requested for consultation during the patient's ambulatory care visit.	Field type: Numeric Field length: 5 characters Justification: Right justified Zero fill Occurrences: Up to 3 Valid data: CIHI Provider Service number or blank	A	A	A	n/a
Date of Non-Physician Initial Assessment	The date a patient is first assessed or evaluated by a non-physician provider.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	A	n/a	n/a	n/a
Time of Non-Physician Initial Assessment	The time a patient is first assessed or evaluated by a non-physician provider.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	n/a	n/a	n/a
Non-Physician Initial Assessment Provider Service	The specialty of the non-physician provider who performed the initial assessment of the patient.	Field type: Numeric Field length: 5 characters Valid data: CIHI Provider Service number or blank	A	n/a	n/a	n/a
Consult Arrival Date	The date the consultant's service began.	Field type: Numeric Field length: 8 characters Occurrences: Up to 3 Valid data: Valid date (YYYYMMDD) or blank	A	A	A	n/a
Consult Arrival Time	The time the consultant's service began.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	A	A	n/a

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Clinical Decision Unit Flag	Indicates whether the patient was placed in a clinical decision unit during the emergency visit.	Field type: Alphanumeric Field length: 1 character Valid data: Y, N or blank Y = Yes N = No	A	n/a	n/a	n/a
Clinical Decision Unit Date In	The date the patient arrived in the clinical decision unit.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	A	n/a	n/a	n/a
Clinical Decision Unit Time In	The time the patient arrived in the clinical decision unit.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	n/a	n/a	n/a
Clinical Decision Unit Date Out	The date the patient left the clinical decision unit.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	A	n/a	n/a	n/a
Clinical Decision Unit Time Out	The time the patient left the clinical decision unit.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	n/a	n/a	n/a
Blood Transfusion Indicator	Indicates whether the patient received a blood transfusion using blood products or components distributed by the reporting facility's blood bank during the episode of care.	Field type: Alpha Field length: 1 character Valid data: Y, N or blank Y = Yes N = No	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Blood Components/ Products <ul style="list-style-type: none"> • Red Blood Cells • Platelets • Plasma — Other and Unspecified • Albumin • Other Blood Product • Autologous Blood Transfusion • Cryoprecipitate Plasma • Cryosupernatant Plasma • Intravenous/ Subcutaneous Immune Globulin (IVIG/SCIG) • Fibrinogen • Prothrombin Complex Concentrate (PCC) • Anti-Inhibitor Coagulant (FEIBA) • Antithrombin III • C1 Inhibitor • Protein C/Other Factors 	The type of blood product or component transfused and received during a blood transfusion.	Field type: Alpha Field length: 1 character Valid data: Y = Yes N = No	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Reproductive Care — Number of Previous Term Deliveries	The number of previous full-term deliveries (37 or more completed weeks) for the patient.	Field type: Numeric Field length: 2 characters Valid data: 00–20, 99 (not available) or blank	A	A	A	A
Reproductive Care — Number of Previous Preterm Deliveries	The number of previous preterm deliveries (20–36 completed weeks) for the patient.	Field type: Numeric Field length: 2 characters Valid data: 00–20, 99 (not available) or blank	A	A	A	A
Reproductive Care — Number of Spontaneous Abortions	The number of previous spontaneous abortions (miscarriages) for the patient.	Field type: Numeric Field length: 2 characters Valid data: 00–20, 99 (not available) or blank	A	A	A	A
Reproductive Care — Number of Therapeutic Abortions	The number of previous therapeutic abortions for the patient.	Field type: Numeric Field length: 2 characters Valid data: 00–20, 99 (not available) or blank	A	A	A	A
Reproductive Care — Number of Previous Live Births	The number of previous live births for the patient.	Field type: Numeric Field length: 2 characters Valid data: 00–20, 99 (not available) or blank	n/a	n/a	n/a	A
Reproductive Care — Gestational Age	The duration of gestation measured in completed weeks for a patient who is having reproductive care.	Field type: Numeric Field length: 2 characters Valid data: 01–45, 99 (not available) or blank	A	A	A	A
Reproductive Care — Delivery Time	The time recorded on the mother’s abstract to identify when the baby was born.	Field type: Numeric Field length: 4 characters Valid data: 0000–2359, 9999 (unknown) or blank	n/a	n/a	n/a	A
Reproductive Care — Date of Last Menses	The calendar date of the patient’s last menses.	Field type: Numeric Field length: 8 characters Valid data: Valid date (YYYYMMDD) or blank	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Reproductive Care — Breastfeeding on Discharge	Indicates whether a mother was breastfeeding her infant at the time of discharge from the facility.	Field type: Alpha Field length: 1 character Valid data: Y, N or blank Y = Yes N = No	n/a	n/a	n/a	A
Seatbelt Indicator	Identifies whether the patient was wearing a seatbelt at the time of the accident.	Field type: Numeric Field length: 2 characters Valid data: N (No), Y (Yes), 98, 99 or blank N = No, patient was not wearing a seatbelt Y = Yes, patient was wearing a seatbelt 98 = Not applicable 99 = Unknown	A	n/a	n/a	n/a
Helmet Indicator	Identifies whether the patient was wearing a helmet at the time of the accident.	Field type: Numeric Field length: 2 characters Valid data: N (No), Y (Yes), 98, 99 or blank N = No, patient was not wearing a helmet Y = Yes, patient was wearing a helmet 98 = Not applicable 99 = Unknown	A	n/a	n/a	n/a
Service Transfer Service	Identifies the service where the patient received additional care in the health care facility. A service transfer does not necessarily entail the physical movement of the patient to other accommodations; it is simply a means of recording the days spent in another patient service.	Field type: Numeric Field length: 2 characters Occurrences: 3 Valid data: Valid CIHI Patient Service number (see Appendix D)	n/a	n/a	n/a	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Service Transfer Subservice	Defines a further specification of the patient's Service Transfer Service as assigned by the health care facility.	Field type: Numeric Field length: 2 characters Occurrences: 3 Valid data: A valid CIHI Patient Service number (see Appendix D)	n/a	n/a	n/a	A
Service Transfer Days	The number of days a patient spent on a service other than the Main Patient Service.	Field type: Numeric Field length: 5 characters Occurrences: 3 Valid data: 00000–99999 or blank	n/a	n/a	n/a	A
Unplanned Return to Intervention Location	A flag that identifies an inpatient's unexpected (not elective) return to the physical area (intervention location).	Field type: Alpha Field length: 1 character Occurrences: 20 Valid data: Y (yes) or blank	n/a	n/a	n/a	A
Special Care Unit Death Indicator	A flag indicating a patient expired in a special care unit (SCU) of the health care facility.	Field type: Alpha Field length: 1 character Valid data: Y (yes) or blank	n/a	n/a	n/a	A
SCU Unit Number	A code identifying the type of SCU where the patient received critical care.	Field type: Numeric Field length: 2 characters Occurrences: 6 Valid data: 10, 20, 25, 30, 35, 40, 45, 50, 51, 52, 53, 60, 70, 80, 90, 93, 95, 98, 99	n/a	n/a	n/a	A
SCU Admit Date	Date the patient was admitted to an SCU.	Field type: Numeric Field length: 8 characters Occurrences: 6 Valid data: Valid date (YYYYMMDD) or blank	n/a	n/a	n/a	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
SCU Admit Time	Time the patient was admitted to an SCU.	Field type: Numeric Field length: 4 characters Occurrences: 6 Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	n/a	n/a	n/a	A
SCU Discharge Date	Date the patient was discharged from or expired on an SCU.	Field type: Numeric Field length: 8 characters Occurrences: 6 Valid data: Valid date (YYYYMMDD) or blank	n/a	n/a	n/a	A
SCU Discharge Time	Time the patient was discharged from or expired on an SCU.	Field type: Numeric Field length: 4 characters Occurrences: 6 Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	n/a	n/a	n/a	A
Mental Health — Change in Legal Status From Admission	Describes the outcome of any psychiatric assessment that may affect the status of the patient during the current admission in the reporting facility.	Field type: Numeric Field length: 1 character Valid data: 2, 5, 6 or blank 2 = From involuntary to voluntary 5 = From voluntary to involuntary 6 = No change	n/a	n/a	n/a	A
Type of Restraint	ED: Identifies the use of control interventions to restrain a patient during a stay in the ED. Inpatient: Identifies the use of control interventions to restrain a patient during the first 3 days of their inpatient stay.	Field type: Alphanumeric Field length: 1 character Valid data: M, C, P, S, N, blank M = Mechanical restraint C = Chair P = Physical or manual restraint by staff S = Seclusion room N = None	A	n/a	n/a	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Frequency of Restraint Use	<p>ED: Identifies the amount of time restraints were used during a stay in the ED.</p> <p>Inpatient: Identifies the amount of time restraints were used during the first 3 days of the inpatient stay.</p>	<p>Field type: Alphanumeric Field length: 2 characters</p> <p>Valid data: C, D, I, U, N, blank</p> <p>C = Constant D = Day or night only I = Intermittent — Used occasionally U = Frequency of use unknown/ not documented N = None</p>	A	n/a	n/a	A
Emergency Department Intervention Pick-List	Provides 28 intervention codes/categories that are used in the grouping methodology to determine the CACS cell assignment. The pick-list provides broad groupings for some of the most common interventions as well as some that, when performed in the emergency department, help explain variation in emergency department utilization.	<p>Field type: Alphanumeric Field length: 3 characters Occurrences: 3</p> <p>Valid data: I01– I28 or blank</p>	A	n/a	n/a	n/a
Emergency Department Investigative Technology	Provides codes/categories for similar investigative technology types, such as CT scan.	<p>Field type: Alphanumeric Field length: 3 characters Occurrences: 3</p> <p>Valid data: C01–C02, M01, N01–N02, U01–U02, X01–X02 or blank</p>	A	n/a	n/a	n/a

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Number of Emergency Department Investigative Technologies Performed	Indicates the number of times an investigative technology intervention from the Emergency Department Investigative Technology Types (data element 174a–c) is performed	Field type: Numeric Field length: 2 characters Occurrences: 3 Valid data: 01–99 or blank	A	n/a	n/a	n/a
Mental Health — Previous Psychiatric Admission	Identifies whether the patient had any previous psychiatric admissions prior to the current admission to the reporting facility.	Field type: Numeric Field length: 1 character Valid data: 1–5 or blank 1 = No 2 = Yes, previous admission to the reporting facility 3 = Yes, previous admission to another facility 4 = Yes, to the reporting facility and another facility 5 = Unknown	n/a	n/a	n/a	A
Mental Health — Number of ECT Treatments	Identifies the number of ECT treatments the patient received during the current admission.	Field type: Numeric Field length: 2 characters Valid data: 01–99	n/a	n/a	n/a	A

Diagnosis data

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Diagnosis Prefix	A code that provides additional information relating to the ICD-10-CA code to which the prefix is assigned.	<p>NACRS Field type: Alphanumeric Field length: 1 character Occurrences: Up to 10 each for Main Problem and Other Problem prefixes</p> <p>Valid data: Main Problem Prefix — Any alpha character (except M or R), 8 or blank</p> <p>Other Problem Prefix — Any alpha character (except M or R), 8 or blank</p> <p>The following prefixes have been assigned a standard definition by CIHI and are used only for the defined purpose: C = Cause of death codes M = Morphology codes Q = Query diagnosis/etiology J = Medical assistance in dying (MAID) was requested or performed</p> <p>DAD Field type: Alphanumeric Field length: 1 character Occurrences: 25</p> <p>Valid data: A–Y (uppercase), 0–9</p>	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Diagnosis Prefix (continued)		<p>C = Cause of death codes</p> <p>Q = Query diagnosis/etiology</p> <p>5 = Chronological relationship between a diagnosis type 2 that arose after admission and before first qualifying intervention episode occurring in the main OR (for any intervention) or the cardiac catheterization room (for any intervention) or another facility for selected cardiac catheterization codes (see manual for details)</p> <p>6 = Describes the chronological relationship between a diagnosis type 2 that arose during or after the first qualifying intervention episode occurring in the main OR (for any intervention) or the cardiac catheterization room (for any intervention) or another facility for selected cardiac catheterization codes (see manual for details)</p> <p>8 = Diagnosis code is Z51.5 and palliative care is documented as a known component of the patient's care plan prior to arrival at the facility</p> <p>J = Medical assistance in dying (MAID) was requested or performed</p>				

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Diagnosis Code	The diagnosis, condition, problem or circumstance that is deemed to be the clinically significant reason for the patient's visit and that requires evaluation and/or treatment or management.	Field type: Alphanumeric Field length: 7 characters Justification: NACRS Left justified DAD Codes are recorded according to the position of the decimal point Occurrences: 25 (DAD only) Valid data: ICD-10-CA codes valid as Main Problem or blank	A	A	A	A
Diagnosis Type	Code meant to signify the impact the condition had on the patient's care, as evidenced by the physician.	Field type: Alphanumeric Field length: 1 character Occurrences: 25 Valid data: M, 0–6, 9, W, X, Y M = Most responsible diagnosis (MRDx) 0 = Newborn 1 = Pre-admit comorbidity 2 = Post-admit comorbidity 3 = Secondary diagnosis 5 = Admitting diagnosis 6 = Proxy MRDx 9 = External cause of injury code W, X, Y = Service transfer diagnosis	n/a	A	n/a	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Other Problem(s) or Diagnoses	The diagnosis, condition, problem or circumstance for the patient's visit that is in addition to the Main Problem.	Field type: Alphanumeric Field length: 7 characters Justification: Left justified Occurrences: Up to 9 Valid data: ICD-10-CA codes valid as Other Problem or blank	A	A	A	n/a
Diagnosis Cluster	A group of 2 or more ICD-10-CA codes that relate to one another. Assigning the same problem cluster character to each of the codes in the cluster is the mechanism that links these codes together on the abstract.	Field type: Alpha Field length: 1 character Occurrences: NACRS Up to 10 occurrences DAD Up to 25 occurrences Valid data: A–Y or blank	A	A	A	A
Emergency Department Discharge Diagnosis	The patient's diagnosis at the time of discharge from the ED.	Field type: Alphanumeric Field length: 3 characters Valid data: Valid code from the Canadian ED Diagnosis Shortlist (CED-DxS) or blank	A	n/a	n/a	n/a
Glasgow Coma Scale	A clinical scoring system to assess the response of neurologically impaired patients.	Field type: Numeric Field length: 2 characters Valid data: 03–15, 99 (not available) or blank	A	A	n/a	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Main Patient Service	Describes a group of similar patients with related diseases and treatments. The Main Patient Service is usually determined by the most responsible diagnosis code. For facilities that capture patient service transfers, the Main Patient Service is not necessarily the first service the patient was assigned to.	Field type: Numeric Field length: 2 characters Valid data: 01–99 (see Appendix D)	n/a	A	n/a	A
Main Patient Subservice	A facility-defined code that allows further differentiation of types of patients treated within the Main Patient Service.	Field type: Numeric Field length: 1 character Valid data: 0–9 or blank	n/a	A	n/a	A

Intervention/service data

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Main Intervention Code	The procedure(s)/ intervention(s) performed (and considered by the provider[s] to be the most clinically significant. It is captured in a CCI code that describes the services (procedures/ interventions) performed for or on behalf of a patient.	Field type: Alphanumeric Field length: 10 characters Justification: Left justified Occurrences: Up to 20 (DAD only) Valid data: CCI code or blank	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Other Intervention(s)	Additional procedures/ interventions performed during the patient's visit. They are captured in CCI codes that describe the services (procedures/interventions) performed for or on behalf of a patient.	Field type: Alphanumeric Field length: 10 characters Justification: Left justified Occurrences: Up to 9 Valid data: CCI code or blank	A	A	A	n/a
Main Attributes and Other Attributes: Status, Location, Extent	Attributes (status, location and extent) are characters that provide additional detail not present within the generic structure of the CCI codes.	Field type: Alphanumeric Field length: 2 characters Justification: Left justified Occurrences: NACRS Up to 10 DAD Up to 20 Valid data: CCI code or blank	A	A	A	A
Main and Other Intervention Episode Duration	The length of time it took to complete a procedure.	NACRS Field type: Numeric Field length: 4 characters Justification: Right justified Zero fill Occurrences: Up to 10 Valid data: 0001–9998 minutes (MMMM), 9999 (unknown) or blank DAD Derived field. The difference, in minutes, between Intervention Episode Start Date/Time and Intervention Episode End Date/Time.	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Intervention Location Code	Denotes the location in a facility where an intervention took place.	Field type: Numeric Field length: 2 characters Occurrences: NACRS Up to 10 DAD Up to 20 Valid data: 01–11 or blank 01 = Main operating room 02 = Endoscopy room (includes GI unit) 03 = Nursing unit 04 = Outpatient department 05 = Therapeutic abortion unit 06 = Diagnostic imaging department 07 = Emergency department 08 = Cardiac catheterization room 09 = Ambulatory operating room, ambulatory treatment room or day surgery unit 10 = Obstetrics case room/delivery room/obstetrical operating room 11 = Other (includes lithotripsy room, electroconvulsive therapy [ECT] room)	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Anesthetic Technique	A code that denotes the method of anesthesia administered to the patient during the intervention.	Field type: Alphanumeric Field length: 1 character Occurrences: NACRS Up to 5 DAD Up to 20 Valid data: 0–9, C, U or blank 0 = For use with out-of-hospital (OOH) interventions only 1 = General 2 = Spinal 3 = Epidural 4 = Combined general with regional central/neuraxial (epidural or spinal) 5 = Other nerve block (regional peripheral anesthesia) 6 = Monitored anesthesia care (MAC) 7 = Local anesthesia 8 = No anesthetic 9 = Other anesthetic not listed above and not administered or monitored by an anesthetist C = Combined spinal and epidural anesthetic (CSE) U = Unknown	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Out-of-Hospital Indicator	A flag used to indicate that the intervention took place at another institution during the current emergency or ambulatory care visit.	Field type: Alpha Field length: 1 character Occurrences: NACRS Up to 10 DAD Up to 20 Valid data: Y or blank	A	A	A	A
Main Intervention Start Date	The date the Main Intervention reported on the abstract was initiated for a patient.	Field type: Numeric Field length: 8 characters Occurrences: Up to 20 (DAD only) Valid data: Valid date (YYYYMMDD) or blank	A	A	A	A
Main Intervention Start Time	The time the Main Intervention reported on the abstract was initiated for a patient.	Field type: Numeric Field length: 4 characters Occurrences: Up to 20 (DAD only) Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	A	A	A
Other Intervention Start Date	The date the Other Intervention reported on the abstract was initiated for a patient.	Field type: Numeric Field length: 8 characters Occurrences: NACRS Up to 9 DAD Up to 20 Valid data: Valid date (YYYYMMDD) or blank	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Other Intervention Start Time	The time the Other Intervention reported on the abstract was initiated for a patient.	Field type: Numeric Field length: 4 characters Occurrences: NACRS Up to 9 DAD Up to 20 Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	A	A	A	A
Died During Intervention	A flag indicating the patient expired during the performance of services (interventions) or during the post-anesthetic recovery period for the intervention episode.	Field type: Alpha Field length: 1 character Valid data: Y (yes) or blank	n/a	A	n/a	A
Intervention Episode End Date	The date the patient exited the physical area (intervention location) after service(s) ended.	Field type: Numeric Field length: 8 characters Occurrences: 20 Valid data: Valid date (YYYYMMDD) or blank	n/a	A	n/a	A
Intervention Episode End Time	The time the patient exited the physical area (intervention location) after service(s) ended.	Field type: Numeric Field length: 4 characters Occurrences: 20 Valid data: 0000–2359 (HHMM), 9999 (unknown) or blank	n/a	A	n/a	A
Intervention Pre-Admit Flag	A flag indicating a service performed was initiated prior to admission and in some cases continued into the acute inpatient stay.	Field type: Alpha Field length: 1 character Occurrences: 20 Valid data: Y (yes) or blank	n/a	n/a	n/a	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Intervention Joint Identifier	A linkage field to the detailed prosthesis information captured in Group 20 Hip and Knee Prosthesis Information.	Field type: Numeric Field length: 1 character Occurrences: 20 Valid data: 1 = First occurrence of hip/knee intervention code 2 = Second occurrence of hip/knee intervention code	n/a	A	n/a	A
Revision Reason	Indicates the patient's most responsible reason for revision (determined post-operatively) for the involved joint.	Field type: Alphanumeric Field length: 3 characters Occurrences: 20 Valid data: 1 = Aseptic loosening 2 = Bearing wear (e.g., poly wear) 3 = Osteolysis 4 = Instability (e.g., dislocation, excludes patella for knee) 5 = Infection — single-stage revision 6 = Infection — stage 1 of 2-stage revision 7 = Infection — stage 2 of 2-stage revision 8 = Pain of unknown origin 9 = Patella maltracking or instability 10 = Peri-prosthetic fracture (femur or tibia) 11 = Implant fracture (any component) 12 = Implant dissociation (e.g., stem from tibial tray, head from trunnion) 13 = Arthritis in previously unresurfaced compartment (e.g., patellofemoral, medial or lateral compartment) 14 = Peri-prosthetic fracture, femur 15 = Peri-prosthetic fracture, acetabulum 16 = Acetabular erosion (e.g., hemiarthroplasty) 17 = Leg length discrepancy 18 = Stiffness OTH = Other	n/a	A	n/a	A

Provider data

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Provider Type	Identifies the role played by health care providers in association with an ambulatory care visit.	<p>Field type: Alphanumeric Field length: 1 character Occurrences: Up to 8 (DAD only)</p> <p>NACRS Valid data: M, 1, 3, 4, 5, 6, 7, 8, H, P or blank</p> <p>M = Most responsible provider This is the provider who has primary responsibility for the patient during the visit. This provider could take over responsibility after a request to complete an assessment, provide advice and give treatment or consultation. Also, the most responsible provider may be one of many providers in a crisis team. For day surgery and other ambulatory care cases, the most responsible provider can be an allied health care professional.</p> <p>1 = Procedural/intervention provider This is any provider performing a procedure/intervention, with the exception of an allied health provider (Provider Type 7). It includes radiology (X-ray) and laboratory technicians.</p> <p>3 = Other responsible provider This is a provider (e.g., physician, nurse) who has taken part in the patient's care but who would not be considered the most responsible provider.</p>	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
<p>Provider Type (continued)</p>		<p>4 = Consulting provider This is a physician provider requested to complete a consultation on or assessment of a patient during the visit or to provide advice to or treat a patient during the visit. Includes telephone consultations between physicians.</p> <p>5 = Resident This is a physician in training, including interns.</p> <p>6 = Procedural sedation/anesthesia provider This can be any provider administering anesthesia but is usually an anesthesiologist.</p> <p>7 = Allied health provider This Provider Type is assigned to other health professionals (not physicians) involved in the patient's care. These health professionals should be dietitians, physiotherapists or counsellors. If an allied health provider is the main provider, use Provider Type M (most responsible provider).</p> <p>8 = Telehealth or video health This is a consulting provider who provides advice or assessment for a patient by means of telecommunication or video communication. Often associated with exchange of health-related services via telecommunications that involve the patient, providing clinical services remotely. Telehealth services are often organized programs managed by the province.</p> <p>H = Hospitalist A hospitalist is a physician who devotes most of his or her clinical time to managing inpatients with whom there is no previous or ongoing relationship.</p>				

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Provider Type (continued)		<p>P = Physician assistant Physician assistants are health care professionals licensed or, in the case of those employed by the federal government, credentialed to practise medicine with physician supervision. As part of their comprehensive responsibilities, physician assistants conduct physical exams, diagnose and treat illnesses, order and interpret tests, counsel on preventive health care, assist in surgery and write prescriptions. Within the physician–physician assistant relationship, physician assistants exercise autonomy in medical decision-making and provide a broad range of diagnostic and therapeutic services. A physician assistant’s practice may also include education, research and administrative services.</p> <p>DAD Valid data: M, 2–5, 7–9, H, P, W, X, Y or blank</p> <p>M = Most responsible provider 2 = Admitting provider 3 = Other responsible provider 4 = Consulting provider 5 = Resident 7 = Allied health provider 8 = Telehealth or video health 9 = Optional H = Hospitalist P = Physician assistant W = First transfer provider X = Second transfer provider Y = Third transfer provider</p>				

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Provider Service	Identifies the service(s) of the health professional(s) responsible for providing services to the patient during the acute or ambulatory visit.	Field type: Numeric Field length: 5 characters Justification: Right justified Zero fill (NACRS only) Occurrences: Up to 8 Valid data: CIHI Provider Service numbers or blank (see Appendix A)	A	A	A	A
Provider Number	The identification number associated with the provider responsible for providing services to the patient during the visit.	Field type: Alphanumeric Field length: 15 characters Justification: Right justified Zero fill (NACRS only) Occurrences: Up to 8 Valid data: 1–9, A–Y or blank Number is assigned by the facility or by the province/territory	A	A	A	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Program Area	A code to identify the program area providing service.	Field type: Alpha Field length: 2 characters Valid data: AU, CN, GI, MH, NE, OT, PR, PT, RC, RE, RS, SP, SW or blank AU = Audiology CN = Clinical nutrition GI = Gastrointestinal MH = Mental health NE = Nephrology: Renal dialysis OT = Occupational therapy PR = Psychology PT = Physiotherapy RC = Recreational therapy RE = Rehabilitation (unspecified) RS = Respiratory therapy SP = Speech–language pathology SW = Social work	A	A	A	n/a
Intervention Provider Number	A unique identifier of the health care providers (physicians and allied health care professionals) involved in each intervention.	Field type: Alphanumeric Field length: 15 characters Justification: Right justification Occurrences: 20 Valid data: Number assigned by the reporting facility or the province/territory	n/a	A	n/a	A
Intervention Provider Service	Reflects the specialty of the physician or allied health care professional involved in performing services (interventions).	Field type: Numeric Field length: 5 characters Occurrences: 20 Valid data: Valid CIHI Provider Service number or blank	n/a	A	n/a	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Anesthetist	Records the Provider Number of the physician(s) who administered the anesthesia during the service (intervention).	Field type: Alphanumeric Field length: 15 characters Justification: Right justification Occurrences: 20 Valid data: All physicians are assigned a unique Provider Number by the reporting facility or by the province/territory; record the Provider Number of the anesthetist	n/a	A	n/a	A

Hip and knee prosthesis information

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Joint Identifier	Linked field to the hip/knee intervention code in Group 11 Intervention.	Field type: Numeric Field length: 1 character Occurrences: 4 Valid data: 1 = First occurrence of hip/knee intervention code 2 = Second occurrence of hip/knee intervention code	n/a	A	n/a	A
Side	Indicates whether a right or left joint replacement intervention was performed.	Field type: Alpha Field length: 1 character Occurrences: 4 Valid data: L = Left side R = Right side	n/a	A	n/a	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Cement — Name	Indicates the name of the cement used.	Field type: Alphanumeric Field length: 3 characters Occurrences: 1 per side Valid data: 1–8, OTH 1 = Simplex 2 = Palacos 3 = CMW 4 = Cerafix 5 = SmartSet 6 = Refobacin 7 = Versabond 8 = Osteobond OTH = Mix/other	n/a	A	n/a	A
Cement — Name Other	Indicates the name of the cement if OTH (Mix/other) is indicated in the Cement — Name field (Group 20 Field 03).	Field type: Alphanumeric Field length: 45 characters Occurrences: 1 per side Valid data: 0–9, A–Z, space (), hyphen (-), period (.), apostrophe ('), ampersand (&)	n/a	A	n/a	A
Cement — Product Number	Indicates the product (reference, catalogue or other) number of the cement used for the intervention.	Field type: Alphanumeric Field length: 75 characters Occurrences: 1 per side Valid data: 0–9, A–Z, a–z, underscore (_), space (), hyphen (-), period (.), apostrophe ('), percentage sign (%), ampersand (&), plus sign (+), forward slash (/), dollar sign (\$), right square bracket (]), left square bracket ([), right round bracket ()), right angle bracket (>), cedilla (¸), OTH, French characters (É, é, Ç, ç)	n/a	A	n/a	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Cement — Lot Number	Indicates the lot number of the cement used for the intervention.	Field type: Alphanumeric Field length: 75 characters Occurrences: 1 per side Valid data: 0–9, A–Z, a–z, underscore (_), space (), hyphen (-), period (.), apostrophe ('), percentage sign (%), ampersand (&), plus sign (+), forward slash (/), dollar sign (\$), right square bracket (]), left square bracket ([), right round bracket ()), right angle bracket (>), cedilla (.), OTH, French characters (É, é, Ç, ç)	n/a	A	n/a	A
Component	Indicates the type of the prosthesis component.	Field type: Numeric Field length: 1 character Occurrences: 3 per side Valid data: Hip 1, 2 Knee 3, 4, 5 1 = Hip — Femoral (number of sticker occurrences = 7) 2 = Hip — Acetabular (number of sticker occurrences = 4) 3 = Knee — Femoral (number of sticker occurrences = 2) 4 = Knee — Tibial (number of sticker occurrences = 4) 5 = Knee — Patella (number of sticker occurrences = 1)	n/a	A	n/a	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Manufacturer	Indicates the manufacturer of the implant component.	Field type: Alphanumeric Field length: 3 characters Occurrences: 7 per component Valid data: 1–11, OTH 1 = Biomet 2 = Ceraver 3 = DePuy/Finsbury/J&J 4 = Zimmer/Sulzer/Centerpulse 5 = MicroPort/Wright Medical 6 = Smith & Nephew 7 = Stryker/Osteonics/Howmedica 8 = Medacta International 9 = Link 10 = Corin 11 = Tecres Medical OTH = Other	n/a	A	n/a	A
Manufacturer — Other	Indicates the manufacturer of the component if Other is indicated in the Manufacturer field (Group 20 Field 08).	Field type: Alphanumeric Field length: 45 characters Occurrences: 7 per component Valid data: 0–9, A–Z, space (), hyphen (-), period (.), apostrophe ('), ampersand (&)	n/a	A	n/a	A
Product Number	Indicates the product (reference, catalogue or other) number of the component used for the procedure.	Field type: Alphanumeric Field length: 75 characters Occurrences: 7 per component Valid data: 0–9, A–Z, a–z, underscore (_), space (), hyphen (-), period (.), apostrophe ('), percentage sign (%), ampersand (&), plus sign (+), forward slash (/), dollar sign (\$), right square bracket (]), left square bracket ([), right round bracket ()), right angle bracket (>), cedilla (¸), OTH, French characters (É, é, Ç, ç)	n/a	A	n/a	A

Data element name	Definition	Specifications	ED	Day surgery	Ambulatory clinic	Inpatient
Lot Number	Indicates the lot number of the component used for the intervention.	Field type: Alphanumeric Field length: 75 characters Occurrences: 7 per component Valid data: 0–9, A–Z, a–z, underscore (_), space (), hyphen (-), period (.), apostrophe ('), percentage sign (%), ampersand (&), plus sign (+), forward slash (/), dollar sign (\$), right square bracket (]), left square bracket ([), right round bracket ()), right angle bracket (>), cedilla (,), OTH, French characters (É, é, Ç, ç)	n/a	A	n/a	A

Appendix A: CIHI Provider Service numbers

Physician* specialties	CIHI Provider Service number
Physician group (not applicable to DAD abstracts)	00000
Family practice/general practice medicine	00001
Community medicine	00002
Emergency medicine	00003
Internal medicine	00010
Clinical immunology and allergy	00011
Cardiology	00012
Dermatology	00013
Endocrinology and metabolism	00014
Gastroenterology	00015
Nephrology	00016
Neurology	00017
Respirology	00018
Rheumatology	00019
Pediatrics	00020
Pediatric immunology and allergy	00021
Pediatric cardiology	00022
Pediatric dermatology	00023
Pediatric endocrinology and metabolism	00024
Pediatric gastroenterology	00025
Pediatric nephrology	00026
Pediatric neurology	00027
Pediatric respirology	00028
Pediatric rheumatology	00029
General surgery	00030
Cardiac surgery	00031
Neurosurgery	00032
Orthopedic surgery	00034
Plastic surgery	00035
Thoracic surgery	00036
Vascular surgery	00037
Cardiothoracic surgery	00038
Urology	00039

Physician* specialties	CIHI Provider Service number
Pediatric general surgery	00040
Pediatric cardiac surgery	00041
Pediatric neurosurgery	00042
Pediatric oral surgery	00043
Pediatric orthopedic surgery	00044
Pediatric plastic surgery	00045
Pediatric urology	00049
Obstetrics and gynecology	00050
Gynecologic reproductive endocrinology and infertility	00051
Maternal–fetal medicine	00054
Critical care medicine	00055
Clinical pharmacology	00056
Anesthesiology	00057
Pediatric anesthesiology	00058
Colorectal surgery	00059
Otolaryngology	00060
Pediatric otolaryngology	00061
Ophthalmology	00062
Pediatric ophthalmology	00063
Psychiatry	00064
Pediatric psychiatry	00065
Hematology	00066
Pediatric hematology/oncology	00067
Physical medicine and rehabilitation	00070
Geriatric medicine	00072
General surgical oncology	00073
Medical oncology	00074
Radiation oncology	00075
Gynecologic oncology	00076
General pathology	00077
Medical microbiology	00078
Diagnostic radiology	00080
Medical genetics	00082
Anatomical pathology	00083
Hematological pathology	00085
Neuropathology	00086
Nuclear medicine	00089

Physician* specialties	CIHI Provider Service number
Medical biochemistry	00090
Pediatric radiology	00092
Neuroradiology	00093
Infectious diseases	00096
Neonatal–perinatal medicine	00097
Pediatric development	00120
Palliative medicine	00121
Adolescent medicine	00122
Forensic pathology	00123
Forensic psychiatry	00124
Geriatric psychiatry	00125
Occupational medicine	00126
Pediatric emergency medicine	00127
Transfusion medicine	00128
General internal medicine	00129
Pain medicine	00130

Note

* The physician specialties are aligned with the specialties defined by the [Royal College of Physicians and Surgeons of Canada](#).

Non-physician* services	CIHI Provider Service number
Dentistry group	01000
Dentistry	01001
Dental surgery	01002
Oral surgery	01003
Orthodontistry	01004
Pedodontistry	01005
Periodontistry	01006
Oral pathology	01007
Endodontistry	01008
Oral radiology	01009
Dental hygiene technology	01010
Denturology	01011
Pediatric oral surgery	01012
Pediatric dentistry	01013
Prosthodontics	01014
Podiatry/chiroprody group	02000
Podiatry	02001

Non-physician* services	CIHI Provider Service number
Chiroprody	02002
Therapy group	03000
Radiotherapy	03001
Physiotherapy	03002
Occupational therapy	03003
Respiratory therapy	03004
Massage therapy	03005
Psychotherapy	03006
Recreation therapy	03007
Assistant therapy	03008
Speech–language pathology	03009
Kinesiology	03011
Rehabilitation counselling therapy	03012
Assistant physiotherapy	03013
Assistant occupational therapy	03014
Rehabilitation therapy	03015
Rehabilitation engineering therapy	03016
Orthotics	03017
Prosthetics	03018
Vocational rehabilitation counselling therapy	03019
Audiology	04000
Chiropractry	05000
Nutritional therapy	06000
Osteopathy	07000
Optometry	08000
Technician ophthalmology	08001
Orthoptician/prosthetician counselling therapy	09000
Naturopathy	10000
Nursing group	11000
RN nursing	11001
CNA/RNA/LPN/RPN nursing	11002
Nurse practitioner	11003
Midwifery	11004
Nurse aide/health care aide nursing	11005
Social work	12000
Child care/child welfare work	12001
Early childhood development therapy	12002
Child life specialist	12003

Non-physician* services	CIHI Provider Service number
Pharmacy	13000
Pharmacy assistant service	13001
Medical physics	14000
Psychology	15000
Spiritual/religious counselling therapy	16000
Technician group	17000
X-ray technology	17001
Lab technology	17002
Nuclear medicine technology	17003
Cast technology	17004
ECG technology	17005
Medical sonography	17006
Alternative healing therapy	18000
Language interpretation therapy	19000
Home support/home care work therapy	20000
Child care assistant service	20001
Physician assistant service	30000
Paramedic service	31000
Genetic counselling service	32000
School teacher	33000

Note

* The non-physician specialties list has been developed based on consultations with all the provinces and territories, and aligns with their existing requirements and standards.

Appendix B: National MIS Standards functional centre accounts

The *Standards for Management Information Systems in Canadian Health Service Organizations* (MIS Standards) reflects management information principles and a conceptual framework, which form an integrated approach to collecting, reporting and using financial and statistical data. This is a national set of standards used across the health care system to collect and report financial and statistical data from the daily operations of health service organizations.

Ambulatory care type description	Functional centre series code*	Functional centre series name
Emergency	7*3100000	Emergency
Emergency	7*3102000	General Emergency
Emergency	7*3104000	Observation
Emergency	7*3106000	Trauma
Urgent care centre	7*3102500	Urgent Care
ED — mental health	7*3107000	Emergency Mental Health Service
Day surgery	7*2600000	Operating Room
Day surgery	7*2602000	General Operating Room
Day surgery	7*2602500	Dental Operating Room
Day surgery	7*2604000	Cardiac Operating Room
Day surgery	7*2604500	Plastic Surgery Operating Room
Day surgery	7*2606000	Neurosurgery Operating Room
Day surgery	7*2606500	Ophthalmology Operating Room
Day surgery	7*2607000	Orthopedic Operating Room
Day surgery	7*2620000	Combined Operating and Post-Anesthetic Recovery Room
Day surgery	7*2650000	Post-Anesthetic Recovery Room
Day surgery	7*2652000	General Recovery Room
Day surgery	7*2654000	Cardiac Recovery Room
Day surgery	7*2656000	Neurosurgery Recovery Room
Day surgery	7*2960000	Contracted-Out Surgical Services
Day surgery	7*3600000	Day Surgery Operating Room
Day surgery	7*3620000	Day Surgery Combined Operating and Post-Anesthetic Recovery Room
Day surgery	7*3650000	Day Surgery Post-Anesthetic Recovery Room
Day surgery	7*3670000	Day Surgery Pre- and Post-Operative Care

Ambulatory care type description	Functional centre series code*	Functional centre series name
Day surgery	7*3690000	Day Surgery Combined Operating and Post-Anesthetic Recovery Room and Pre- and Post-Operative Care
Day surgery	7*3960000	Contracted-Out Day Surgery Services
Endoscopy	7*3405500	Endoscopy Specialty Day/Night Care
Cystoscopy	7*2603000	Cystoscopy Operating Room
Specialty day/night care	7*3400000	Specialty Day/Night Care
General specialty day/night care	7*3400500	General Specialty Day/Night Care
Medical specialty day/night care	7*3401000	Medical Specialty Day/Night Care
Cardiac	7*3403500	Cardiac Specialty Day/Night Care
Cardiac	7*3403520	General Cardiac Specialty Day/Night Care
Cardiac	7*3403540	Hemodynamic Specialty Day/Night Care
Diabetes	7*3405000	Diabetes Specialty Day/Night Care
Geriatric	7*3406000	Geriatric Specialty Day/Night Care
Geriatric	7*3406020	General Geriatric Specialty Day/Night Care
Geriatric	7*3406040	Geriatric Assessment Specialty Day/Night Care
Geriatric	7*3406060	Geriatric Rehabilitation/Activation Specialty Day/Night Care
Geriatric	7*3406080	Geriatric Social Support Specialty Day/Night Care
Metabolic	7*3406500	Metabolic Specialty Day/Night Care
Palliative	7*3407500	Palliative Specialty Day/Night Care
Mental health	7*3408000	Mental Health and Addiction Services Specialty Day/Night Care
Rehabilitation	7*3409000	Rehabilitation Specialty Day/Night Care
Medical clinic	7*3500000	Specialty Clinics
Medical clinic	7*3501000	Medical Specialty Clinic
Medical clinic	7*3501010	General Medical Specialty Clinic
Medical clinic	7*3501015	Sexually Transmitted Diseases Specialty Clinic
Medical clinic	7*3501020	Allergy Specialty Clinic
Medical clinic	7*3501025	Anticoagulant Specialty Clinic
Medical clinic	7*3501030	Chiropody Specialty Clinic
Medical clinic	7*3501035	Communicable Diseases Specialty Clinic
Medical clinic	7*3501040	Dermatology Specialty Clinic
Medical clinic	7*3501045	Enterostomal Therapy Specialty Clinic
Medical clinic	7*3501050	Gastroenterology Specialty Clinic
Medical clinic	7*3501055	Hematology Specialty Clinic
Medical clinic	7*3501060	Hypertension Specialty Clinic
Medical clinic	7*3501065	Immunology Specialty Clinic

Ambulatory care type description	Functional centre series code*	Functional centre series name
Medical clinic	7*3501070	Pre-Admission Specialty Clinic
Medical clinic	7*3501075	Pain Management Specialty Clinic
Medical clinic	7*3501080	Podiatry Specialty Clinic
Medical clinic	7*3501085	Respirology Specialty Clinic
Medical clinic	7*3501087	Cystic Fibrosis Specialty Clinic
Medical clinic	7*3501090	Travel and Inoculation Specialty Clinic
Medical clinic	7*3501095	Nephrology Specialty Clinic
Surgical clinic	7*3501500	Surgical Specialty Clinic
Surgical clinic	7*3501510	General Surgery Specialty Clinic
Surgical clinic	7*3501520	Dental Specialty Clinic
Surgical clinic	7*3501525	Ear, Nose and Throat Specialty Clinic
Surgical clinic	7*3501530	Minor Surgery Specialty Clinic
Surgical clinic	7*3501535	Oral/Facial Specialty Clinic
Surgical clinic	7*3501540	Orthodontic Specialty Clinic
Surgical clinic	7*3501545	Pre-Admission Surgical Specialty Clinic
Surgical clinic	7*3501550	Thoracic Specialty Clinic
Surgical clinic	7*3501555	Transplant Surgical Specialty Clinic
Surgical clinic	7*3501560	Urology Specialty Clinic
Combined medical/ surgical clinic	7*3501700	Combined Medical/Surgical Specialty Clinic
Cardiac clinic	7*3502000	Cardiac Specialty Clinic
Cardiac clinic	7*3502010	General Cardiology Specialty Clinic
Cardiac clinic	7*3502020	Cardiovascular Surgery Specialty Clinic
Cardiac clinic	7*3502030	Congenital Cardiac Specialty Clinic
Cardiac clinic	7*3502040	Pacemaker Specialty Clinic
Cardiac clinic	7*3502060	Cardiac Rehabilitation Specialty Clinic
Cardiac clinic	7*3502070	Valve Specialty Clinic
Family practice clinic	7*3502500	Family Practice Specialty Clinic
Geriatric clinic	7*3503000	Geriatric Specialty Clinic
Geriatric clinic	7*3503010	General Geriatric Specialty Clinic
Geriatric clinic	7*3503020	Geriatric Assessment Specialty Clinic
Gynecology clinic	7*3503500	Gynecology Specialty Clinic
Gynecology clinic	7*3503510	General Gynecology Specialty Clinic
Gynecology clinic	7*3503530	Colposcopy Specialty Clinic
Gynecology clinic	7*3503540	Family Planning Specialty Clinic
Gynecology clinic	7*3503550	Infertility Specialty Clinic
Gynecology clinic	7*3503560	Therapeutic Abortion Specialty Clinic

Ambulatory care type description	Functional centre series code*	Functional centre series name
Gynecology clinic	7*3503570	Well Women Gynecology Specialty Clinic
General metabolic clinic	7*3504000	Metabolic Specialty Clinic
General metabolic clinic	7*3504010	General Metabolic Specialty Clinic
General metabolic clinic	7*3504020	Diabetes Specialty Clinic
Endocrinology clinic	7*3504300	Endocrinology Specialty Clinic
Neurology clinic	7*3504500	Neurology Specialty Clinic
Neurology clinic	7*3504510	General Neurology Specialty Clinic
Neurology clinic	7*3504520	General Neurosurgery Specialty Clinic
Neurology clinic	7*3504530	Convulsive Disorders Specialty Clinic
Neurology clinic	7*3504540	Migraine Specialty Clinic
Neurology clinic	7*3504550	Neuromuscular Disorders Specialty Clinic
Neurology clinic	7*3504560	Vertigo Specialty Clinic
Neurology clinic	7*3504580	Multiple Sclerosis Specialty Clinic
Obstetrics clinic	7*3505000	Obstetrics Specialty Clinic
Obstetrics clinic	7*3505020	General Antepartum Specialty Clinic
Obstetrics clinic	7*3505040	Antepartum Genetic Specialty Clinic
Obstetrics clinic	7*3505060	High-Risk Ante/Postpartum Specialty Clinic
Obstetrics clinic	7*3505080	Postpartum Specialty Clinic
Oncology	7*3505500	Oncology Specialty Clinic
Ophthalmology clinic	7*3506000	Ophthalmology Specialty Clinic
Ophthalmology clinic	7*3506010	General Ophthalmology Specialty Clinic
Ophthalmology clinic	7*3506020	Contact Lens Specialty Clinic
Ophthalmology clinic	7*3506030	Cryosurgery Specialty Clinic
Ophthalmology clinic	7*3506040	Fluorescein Specialty Clinic
Ophthalmology clinic	7*3506050	Glaucoma Specialty Clinic
Ophthalmology clinic	7*3506060	Laser Specialty Clinic
Ophthalmology clinic	7*3506070	Orthoptic Specialty Clinic
Ophthalmology clinic	7*3506080	Tonography Specialty Clinic
Ophthalmology clinic	7*3506090	Ultrasound Ophthalmology Specialty Clinic
Orthopedic clinic	7*3506500	Orthopedic Specialty Clinic
Orthopedic clinic	7*3506510	General Orthopedic Specialty Clinic
Orthopedic clinic	7*3506520	Fracture Specialty Clinic
Orthopedic clinic	7*3506530	Orthotics Specialty Clinic
Orthopedic clinic	7*3506540	Plaster Room Specialty Clinic
Orthopedic clinic	7*3506550	Sports Medicine Specialty Clinic

Ambulatory care type description	Functional centre series code*	Functional centre series name
Pediatric clinic	7*3507000	Pediatric Specialty Clinic
Pediatric clinic	7*3507010	General Pediatric Specialty Clinic
Pediatric clinic	7*3507020	Well Baby Specialty Clinic
Pediatric clinic	7*3507030	Child Protection Specialty Clinic
Pediatric clinic	7*3507035	Spina Bifida Specialty Clinic
Pediatric clinic	7*3507045	Genetic Specialty Clinic
Pediatric clinic	7*3507050	Growth and Development Specialty Clinic
Pediatric clinic	7*3507055	Scoliosis Specialty Clinic
Pediatric clinic	7*3507065	Neonatology Specialty Clinic
Pediatric clinic	7*3507075	Pediatric Connective Tissue Specialty Clinic
Pediatric clinic	7*3507085	Juvenile Convulsive Disorders Specialty Clinic
Plastic clinic	7*3507500	Plastic Specialty Clinic
Plastic clinic	7*3507510	General Plastic Specialty Clinic
Plastic clinic	7*3507520	Burn Specialty Clinic
Plastic clinic	7*3507530	Cosmetic Specialty Clinic
Plastic clinic	7*3507540	Hand Plastic Specialty Clinic
Plastic clinic	7*3507550	Reconstructive Plastic Specialty Clinic
Rehabilitation clinic	7*3508500	Rehabilitation Specialty Clinic
Rehabilitation clinic	7*3508510	General Rehabilitation Specialty Clinic
Rehabilitation clinic	7*3508520	Amputee Specialty Clinic
Rehabilitation clinic	7*3508530	Back Education Specialty Clinic
Rehabilitation clinic	7*3508535	Head Injury Rehabilitation Specialty Clinic
Rehabilitation clinic	7*3508545	Orthopedic Rehabilitation Specialty Clinic
Rehabilitation clinic	7*3508560	Spinal Cord Rehabilitation Specialty Clinic
Rehabilitation clinic	7*3508565	Stroke Rehabilitation Specialty Clinic
Rehabilitation clinic	7*3508570	Urodynamic Rehabilitation Specialty Clinic
Rheumatology clinic	7*3509500	Rheumatology Specialty Clinic
Rheumatology clinic	7*3509520	General Rheumatology Specialty Clinic
Rheumatology clinic	7*3509540	Gold Treatment Specialty Clinic
Rheumatology clinic	7*3509560	Lupus Specialty Clinic
Rheumatology clinic	7*3509580	Scleroderma Specialty Clinic
Private clinics	7*3550000	Private Clinics
Cardiac catheterization	7*3403700	Cardiac Catheterization Laboratory — Specialty Day/Night Care
Cardiac catheterization	7*4155500	Cardiac Catheterization Diagnostic Services
Oncology	7*3407000	Oncology Specialty Day/Night Care
Oncology	7*3407010	Oncology Specialty Day/Night Care — Chemotherapy

Ambulatory care type description	Functional centre series code*	Functional centre series name
Oncology	7*3407020	Oncology Specialty Day/Night Care — Other Therapy
Oncology	7*3501566	Oncology Surgical Specialty Clinic
Oncology	7*3501567	Bone Marrow Transplant Specialty Clinic
Oncology	7*3505510	Oncology Specialty Clinic — Pre- and Post-Treatment Systemic Therapy
Oncology	7*3505515	Oncology Specialty Clinic — Pre- and Post-Treatment Radiation
Oncology	7*4200000	Radiation Oncology
Oncology	7*4201000	Radiation Oncology — Treatment Planning
Oncology	7*4202000	Radiation Oncology — Mould Room
Oncology	7*4203000	Radiation Oncology — Treatment
Oncology	7*5560000	Cancer Prevention and Control
Oncology	7*5566600	Oncology Screening
Oncology	7*5566620	Cervical Screening
Oncology	7*5566630	Hereditary Cancer Screening
Oncology	7*5566640	Gastrointestinal Cancer Screening
Oncology	7*5566650	Lung Cancer Screening
Oncology	7*5566660	Pigmented Lesions
Oncology	7*5566670	Prostate Cancer Screening
Oncology	7*5566680	Colorectal Screening
Oncology	7*5566690	Other Oncology Screening
Oncology	7*5566700	Cancer Control Strategy
Oncology	7*5570000	Cancer Health Promotion and Education
Renal dialysis	7*3408500	Renal Dialysis Specialty Day/Night Care
Renal dialysis	7*3408510	Hemodialysis Specialty Day/Night Care
Renal dialysis	7*3408520	Home Dialysis (Teaching) Combined Hemo/Peritoneal Dialysis Specialty Day/Night Care
Renal dialysis	7*3408530	Home Hemodialysis (Teaching) Specialty Day/Night Care
Renal dialysis	7*3408540	Home Peritoneal Dialysis (Teaching) Specialty Day/Night Care
Renal dialysis	7*3408550	Peritoneal Dialysis Specialty Day/Night Care
Renal dialysis	7*3408560	Self-Care Hemodialysis Specialty Day/Night Care
Mental health	7*3408200	Mental Health Specialty Day/Night Care
Mental health	7*3408220	Mental Health General Specialty Day/Night Care
Mental health	7*3408240	Mental Health Acute Specialty Day/Night Care
Mental health	7*3408260	Mental Health Chronic Specialty Day/Night Care
Mental health	7*3408400	Addiction Services Specialty Day/Night Care
Mental health	7*3508000	Mental Health and Addiction Services Specialty Clinic
Mental health	7*3508200	Mental Health Specialty Clinic

Ambulatory care type description	Functional centre series code*	Functional centre series name
Mental health	7*3508210	Mental Health General Specialty Clinic
Mental health	7*3508220	Mental Health Assessment Specialty Clinic
Mental health	7*3508230	Forensic Specialty Clinic
Mental health	7*3508240	Spousal Battering Specialty Clinic
Mental health	7*3508250	Stress Management Specialty Clinic
Mental health	7*3508260	Eating Disorders Specialty Clinic
Mental health	7*3508400	Addiction Services Specialty Clinic
Mental health	7*4554000	Mental Health and Addiction Services Occupational Therapy
Mental health	7*5700900	Mental Health Community Case Management
Mental health	7*5701000	Mental Health Community Clinics/Programs
Mental health	7*5701500	Mental Health Community Crisis Intervention
Mental health	7*5702000	Mental Health Community Day/Night Care
Mental health	7*5703200	Mental Health Home Health
Mental health	7*5705000	Mental Health Health Promotion and Education
Mental health	7*5709200	Mental Health Residential Care Unit
Mental health	7*5709500	Mental Health — Housing and Support Services
Mental health	7*5709510	Mental Health — Housing and Support Services — Transitional
Mental health	7*5709520	Mental Health — Housing and Support Services — Permanent
Mental health	7*5750900	Addiction Services Community Case Management
Mental health	7*5751000	Addiction Services Community Clinics/Programs
Mental health	7*5751500	Addiction Services Community Crisis Intervention
Mental health	7*5752000	Addiction Services Community Day/Night Care
Mental health	7*5753200	Addiction Services Home Health
Mental health	7*5753210	Withdrawal Management Services — Home/Mobile
Mental health	7*5753220	General Addiction Services — Home Health
Mental health	7*5755000	Addiction Services Health Promotion and Education
Mental health	7*5758900	Withdrawal Management Services — Residential Treatment — Short-Term
Mental health	7*5759000	Withdrawal Management Services Residential Care Unit
Mental health	7*5759100	Addiction Services — Residential Treatment — Pre-Treatment Stabilization
Mental health	7*5759200	Addiction Services Residential Care Unit
Mental health	7*5759400	Addiction Services — Residential Treatment — Supportive Treatment
Mental health	7*5759500	Addiction Services — Housing and Support Services
Mental health	7*5759510	Addiction Services — Housing and Support Services — Transitional
Mental health	7*5759520	Addiction Services — Housing and Support Services — Permanent
Diagnostic	7*4150000	Diagnostic Imaging

Ambulatory care type description	Functional centre series code*	Functional centre series name
Diagnostic	7*4151800	General Radiography
Diagnostic	7*4152000	Mammography
Diagnostic	7*4152010	Screening Mammography
Diagnostic	7*4152020	Diagnostic Mammography
Diagnostic	7*4152400	Interventional Radiology
Diagnostic	7*4152410	Vascular Interventional Radiology
Diagnostic	7*4152420	Non-Vascular Interventional Radiology
Diagnostic	7*4152500	Computed Tomography
Diagnostic	7*4153000	Ultrasound
Diagnostic	7*4153010	General Ultrasound
Diagnostic	7*4153030	Echocardiography Ultrasound
Diagnostic	7*4153040	Obstetrical and Gynecological Ultrasound
Diagnostic	7*4153050	Fetal Assessment Ultrasound
Diagnostic	7*4153060	Ophthalmological Ultrasound
Diagnostic	7*4153090	Vascular Ultrasound
Diagnostic	7*4153500	Nuclear Medicine
Diagnostic	7*4153510	General Nuclear Medicine
Diagnostic	7*4153520	Single Photon Emission Computed Tomography/Computed Tomography (SPECT/CT)
Diagnostic	7*4156010	General Emission Tomography/Computed Tomography (PET/CT)
Diagnostic	7*4156000	Positron Emission Tomography/Computed Tomography (PET/CT)
Diagnostic	7*4157000	Magnetic Resonance Imaging
Diagnostic	7*4158000	Multifunctional Medical Imaging
Other	7*1050000	Administrative and Support Services Administration
Other	7*1100000	Administration
Other	7*1101000	Executive Offices
Other	7*1101010	Executive Director's Office
Other	7*1101060	Medical Director's Office
Other	7*1102500	Utilization Management
Other	7*1103000	Board of Trustees
Other	7*1104000	Public Relations
Other	7*1105000	Planning and Development
Other	7*1105300	Privacy Office
Other	7*1105500	Risk Management
Other	7*1105510	Infection Control
Other	7*1105520	Claims Management
Other	7*1105530	Risk Identification

Ambulatory care type description	Functional centre series code*	Functional centre series name
Other	7*1106000	Quality Assurance
Other	7*1106010	Quality Assurance — Medical
Other	7*1106020	Quality Assurance — Nursing Inpatient/Resident
Other	7*1106090	Quality Assurance — Other
Other	7*1107000	Internal Audit
Other	7*1150000	Finance
Other	7*1151000	General Accounting
Other	7*1152000	Payroll
Other	7*1153000	Accounts Receivable
Other	7*1154000	Accounts Payable
Other	7*1155000	Budget Control
Other	7*1200000	Human Resources
Other	7*1202000	Personnel Records
Other	7*1202500	Staff Recruitment and Retention
Other	7*1203000	Employee Compensation and Benefits — Management
Other	7*1204000	Labour Relations
Other	7*1206000	Employee Health
Other	7*1208000	Employee Assistance Program
Other	7*1209000	Occupational Health and Safety — Prevention
Other	7*1250000	Information Technology
Other	7*1252500	Information Technology Systems, Security and Support
Other	7*1254500	Information Technology Systems Development
Other	7*1300000	Communications
Other	7*1302000	Telecommunications
Other	7*1304000	Visitor Information
Other	7*1306000	Mail Service
Other	7*1340000	Emergency Preparedness
Other	7*1350000	Materiel Management
Other	7*1350500	Materiel Management Administration
Other	7*1351000	Purchasing
Other	7*1351500	Capital Asset Control
Other	7*1352000	Receiving and Shipping
Other	7*1353000	Stores
Other	7*1354000	Reprocessing
Other	7*1354020	Collection for Reprocessing
Other	7*1354040	Decontamination
Other	7*1354060	Sterilization

Ambulatory care type description	Functional centre series code*	Functional centre series name
Other	7*1354080	Packing
Other	7*1355000	Printing
Other	7*1356000	Distribution: Internal
Other	7*1357000	Distribution: External
Other	7*1400000	Volunteer Services
Other	7*1450000	Housekeeping
Other	7*1500000	Laundry and Linen
Other	7*1502000	Laundry
Other	7*1504000	Linen
Other	7*1550000	Plant Operation
Other	7*1551000	General Plant Operation
Other	7*1552000	Incinerator
Other	7*1600000	Plant Security
Other	7*1602000	Security
Other	7*1604000	Fire and Safety
Other	7*1650000	Plant Maintenance
Other	7*1652000	Grounds Maintenance
Other	7*1654000	Buildings Maintenance
Other	7*1656000	Building Service Equipment Maintenance
Other	7*1658000	Major Equipment Maintenance
Other	7*1700000	Staff Transport
Other	7*1750000	Bio-Medical Engineering/Medical Physics
Other	7*1752000	Bio-Medical Engineering
Other	7*1752020	Bio-Medical Equipment Maintenance
Other	7*1752040	Technology Implementation
Other	7*1754000	Medical Physics
Other	7*1790000	Interpretation and/or Translation Services
Other	7*1800000	Registration
Other	7*1802000	Service Recipient Registration
Other	7*1804000	Client Registration
Other	7*1806000	Emergency Registration
Other	7*1808000	Centralized Booking
Other	7*1808020	Operating Room Booking
Other	7*1808040	Client Booking
Other	7*1820000	Admission/Discharge Coordination
Other	7*1821000	Admission Coordination
Other	7*1822000	Discharge Coordination

Ambulatory care type description	Functional centre series code*	Functional centre series name
Other	7*1850000	Service Recipient Transport
Other	7*1852000	Central Portering
Other	7*1854000	External Service Recipient Transport
Other	7*1854020	Ambulance
Other	7*1854040	Other External Service Recipient Transport
Other	7*1900000	Health Records
Other	7*1900500	Health Records Administration
Other	7*1902000	Transcription
Other	7*1902010	Medical Transcription
Other	7*1902020	Non-Medical Transcription
Other	7*1904000	Health Record Processing
Other	7*1904010	Clerical Health Record Processing
Other	7*1904020	Health Record Data Collection
Other	7*1904030	Release of Service Recipient Information
Other	7*1906000	Health Data and Information Services
Other	7*1950000	Service Recipient Food Services
Other	7*1950500	Service Recipient Food Services Administration
Other	7*1952000	Service Recipient Food Services Production
Other	7*1953000	Service Recipient Food Services Tray Assembly and Distribution
Other	7*1954000	Service Recipient Food Services Warewashing
Other	7*2100000	Medical Nursing Unit
Other	7*2101000	General Medical Nursing Unit
Other	7*2102000	Endocrinology Nursing Unit
Other	7*2102500	Clinical Investigation Nursing Unit
Other	7*2103000	Communicable Diseases Nursing Unit
Other	7*2103500	Dermatology Nursing Unit
Other	7*2104000	Cardiology Nursing Unit
Other	7*2104020	General Cardiology Nursing Unit
Other	7*2104040	Cardiac Step-Down (Post-Coronary) Nursing Unit
Other	7*2104500	Family Practice Nursing Unit
Other	7*2105000	Gastroenterology Nursing Unit
Other	7*2105500	Metabolic Nursing Unit
Other	7*2106000	Neurology Nursing Unit
Other	7*2106500	Oncology Medical Nursing Unit
Other	7*2107000	Nephrology Nursing Unit
Other	7*2107500	Rheumatology Nursing Unit
Other	7*2108000	Respirology Nursing Unit

Ambulatory care type description	Functional centre series code*	Functional centre series name
Other	7*2108500	Medical Assessment Nursing Unit
Other	7*2109000	Hematology Nursing Unit
Other	7*2200000	Surgical Nursing Unit
Other	7*2201000	General Surgical Nursing Unit
Other	7*2202000	Orthopedic Nursing Unit
Other	7*2202500	Dental Nursing Unit
Other	7*2203000	Ear, Nose and Throat Nursing Unit
Other	7*2203500	Gynecology Nursing Unit
Other	7*2204000	Cardiac Surgery Nursing Unit
Other	7*2204020	General Cardiac Surgery Nursing Unit
Other	7*2204040	Cardiac Step-Down (Post-Surgical) Nursing Unit
Other	7*2204500	Plastic Nursing Unit
Other	7*2205000	Ophthalmology Nursing Unit
Other	7*2205500	Oral/Facial Nursing Unit
Other	7*2206000	Neurosurgery Nursing Unit
Other	7*2206500	Oncology Surgical Nursing Unit
Other	7*2207000	Thoracic Nursing Unit
Other	7*2207500	Urology Nursing Unit
Other	7*2208000	Vascular Nursing Unit
Other	7*2209000	Transplant Nursing Unit
Other	7*2209010	Heart Transplant Nursing Unit
Other	7*2209020	Heart/Lung Transplant Nursing Unit
Other	7*2209030	Kidney Transplant Nursing Unit
Other	7*2209040	Bone Marrow Transplant Nursing Unit
Other	7*2209050	Liver Transplant Nursing Unit
Other	7*2209500	Trauma Nursing Unit (Post-Surgical ICU)
Other	7*2300000	Combined Medical/Surgical Nursing Unit
Other	7*2400000	Intensive Care Nursing Unit
Other	7*2401000	Medical Intensive Care Nursing Unit
Other	7*2402000	Surgical Intensive Care Nursing Unit
Other	7*2402500	Trauma Intensive Care Nursing Unit
Other	7*2403000	Combined Medical/Surgical Intensive Care Nursing Unit
Other	7*2403500	Burn Intensive Care Nursing Unit
Other	7*2404000	Cardiac Surgery Intensive Care Nursing Unit
Other	7*2404500	Coronary Intensive Care Nursing Unit
Other	7*2405000	Neonatal Intensive Care Nursing Unit
Other	7*2406000	Neurosurgery Intensive Care Nursing Unit

Ambulatory care type description	Functional centre series code*	Functional centre series name
Other	7*2407000	Pediatric Intensive Care Nursing Unit
Other	7*2408000	Respirology Intensive Care Nursing Unit
Other	7*2502000	Obstetrical Suite (Labour and Delivery)
Other	7*2502020	Labour and Delivery Room
Other	7*2502040	Labour and Delivery Recovery Room
Other	7*2502060	Caesarean Section Room
Other	7*2504000	Ante/Postpartum Nursing Unit
Other	7*2504020	General Ante/Postpartum Nursing Unit
Other	7*2504040	High-Risk Antepartum Nursing Unit
Other	7*2506000	Combined Care Obstetrical Nursing Unit
Other	7*2506010	General Combined Care Obstetrical Nursing Unit
Other	7*2506020	High-Risk Combined Care Obstetrical Nursing Unit
Other	7*2508000	Nursery
Other	7*2508020	General Nursery
Other	7*2508040	Intermediate Nursery
Other	7*2509000	Labour, Delivery, Recovery, Postpartum Nursing Unit
Other	7*2700000	Pediatric Nursing Unit
Other	7*2701000	Pediatric Medical Nursing Unit
Other	7*2702000	Pediatric Surgical Nursing Unit
Other	7*2752000	Mental Health General Nursing Unit
Other	7*2754000	Addiction Services Nursing Unit
Other	7*2754020	General Addiction Services Nursing Unit
Other	7*2754025	Withdrawal Management Services Nursing Unit
Other	7*2754040	Alcohol Addiction Services Nursing Unit
Other	7*2754060	Drug Addiction Services Nursing Unit
Other	7*2756000	Mental Health Forensic Nursing Unit
Other	7*2757000	Mental Health Geriatric Nursing Unit
Other	7*2758000	Mental Health Crisis Nursing Unit
Other	7*2759000	Mental Health Rehabilitation Nursing Unit
Other	7*2759500	Mental Health and Addiction Services Combined Nursing Unit
Other	7*2760000	Mental Health Long-Term Care Nursing Unit
Other	7*2800000	Physical Rehabilitation Nursing Unit
Other	7*2801000	General Rehabilitation Nursing Unit
Other	7*2802000	Orthopedic Rehabilitation Nursing Unit
Other	7*2802500	Back Pain Rehabilitation Nursing Unit
Other	7*2803000	Head Injury Rehabilitation Nursing Unit
Other	7*2804000	Spinal Cord Rehabilitation Nursing Unit

Ambulatory care type description	Functional centre series code*	Functional centre series name
Other	7*2805000	Amputee Rehabilitation Nursing Unit
Other	7*2806000	Stroke Rehabilitation Nursing Unit
Other	7*2807500	Rheumatology Rehabilitation Nursing Unit
Other	7*2900000	Palliative Nursing Unit
Other	7*2922000	Chronic Long-Term Care Nursing Unit
Other	7*2924000	Respite Long-Term Care Nursing Unit
Other	7*3140000	Telephone Health Services
Other	7*3200000	Poison and Drug Information Services
Other	7*4051505	General Medical Imaging Nursing
Other	7*4051524	Interventional Radiology Nursing
Other	7*4051525	Computed Tomography Nursing
Other	7*4051555	Cardiac Catheterization Diagnostic Services Nursing
Other	7*4051560	Positron Emission Tomography/Computed Tomography (PET/CT) Nursing
Other	7*4051565	Medical Imaging Recovery Room Nursing
Other	7*4051570	Magnetic Resonance Imaging Nursing
Other	7*4030000	Diagnostic and Therapeutic Services Administration
Other	7*4059000	Diagnostic and Therapeutic Nursing — Other
Other	7*4102100	Pre-/Post-Analysis
Other	7*4102110	Specimen Procurement
Other	7*4102120	Specimen Receipt and Dispatch
Other	7*4102500	Clinical Chemistry
Other	7*4102510	Routine Chemistry
Other	7*4102520	Urinalysis
Other	7*4102530	Therapeutic Drug Monitoring/Toxicology
Other	7*4102540	Radio Immunoassay/Enzyme Immunoassay
Other	7*4102550	Specialty Chemistry Laboratories
Other	7*4102560	Blood Gas Laboratory (Clinical Laboratory)
Other	7*4102570	Point-of-Care Testing
Other	7*4103000	Clinical Hematology
Other	7*4103020	Routine Hematology
Other	7*4103040	Coagulation
Other	7*4103060	Special (Non-Routine) Hematology
Other	7*4103500	Transfusion Medicine
Other	7*4103510	Routine Transfusion Medicine
Other	7*4103520	Special Transfusion Medicine
Other	7*4103530	Bone Marrow Transfusion

Ambulatory care type description	Functional centre series code*	Functional centre series name
Other	7*4104100	Anatomical Pathology
Other	7*4104120	Surgical Pathology
Other	7*4104140	Autopsy Pathology
Other	7*4104200	Cytopathology
Other	7*4104300	Electron Microscopy
Other	7*4104500	Clinical Microbiology
Other	7*4104510	Bacteriology
Other	7*4104520	Serology
Other	7*4104530	Mycology
Other	7*4104540	Parasitology
Other	7*4104550	Virology
Other	7*4104555	Environmental Testing
Other	7*4105000	Immunology
Other	7*4106000	Histocompatibility and Immunogenetics
Other	7*4108500	Diagnostic Genetics
Other	7*4108510	Cytogenetics
Other	7*4108520	Molecular Genetics
Other	7*4153530	Nuclear Medicine Medical Isotope Manufacturing
Other	7*4109000	Multifunctional Laboratories (Core Lab)
Other	7*4156030	General Emission Tomography/Computed Tomography (PET/CT) Medical Isotope Manufacturing
Other	7*4250000	Electrodiagnostic Laboratories
Other	7*4251000	Electroencephalography (EEG)
Other	7*4252000	Electromyography (EMG)
Other	7*4253000	Evoked Potentials
Other	7*4254000	Polysomnography
Other	7*4255000	Intensive Monitoring
Other	7*4256000	Electronystagmography/Electro-Oculography (ENG/EOG)
Other	7*4300000	Non-Invasive Cardiology and Vascular Laboratories
Other	7*4302000	Non-Invasive Cardiology Laboratory
Other	7*4302020	Echocardiography
Other	7*4302040	Ambulatory Monitoring
Other	7*4302060	Exercise Stress Testing
Other	7*4302080	Electrophysiology
Other	7*4302090	Electrocardiography (ECG)
Other	7*4304000	Vascular Laboratory
Other	7*4350000	Respiratory Services

Ambulatory care type description	Functional centre series code*	Functional centre series name
Other	7*4352500	Routine/Critical Care Respiratory Services
Other	7*4352510	Routine Respiratory Services
Other	7*4352520	Critical Care Respiratory Services
Other	7*4353000	Hyperbaric Chamber
Other	7*4354200	Pulmonary Function Laboratory
Other	7*4354500	Blood Gas Laboratory
Other	7*4355000	Anesthesia Respiratory Services
Other	7*4356000	Perfusion
Other	7*4400000	Pharmacy
Other	7*4406000	Clinical Pharmacy
Other	7*4406010	Drug Information
Other	7*4406020	Clinical Pharmacy Other Than Drug Information
Other	7*4407000	Drug Procurement and Distribution
Other	7*4450000	Clinical Nutrition
Other	7*4500000	Physiotherapy
Other	7*4550000	Occupational Therapy
Other	7*4552000	Physical Medicine Occupational Therapy
Other	7*4600000	Audiology and Speech/Language Pathology
Other	7*4602000	Speech/Language Pathology
Other	7*4604000	Audiology
Other	7*4650000	Rehabilitation Engineering
Other	7*4652000	Prosthetics
Other	7*4654000	Orthotics
Other	7*4656000	Seating Systems
Other	7*4700000	Social Work
Other	7*4701000	General Social Work
Other	7*4702000	Family Therapy
Other	7*4750000	Psychology
Other	7*4752000	Clinical Psychology
Other	7*4754000	Neuropsychology
Other	7*4760000	Genetic Counselling
Other	7*4800000	Spiritual Care
Other	7*4850000	Recreation
Other	7*4900000	Child Life
Other	7*5090000	Case Management
Other	7*5100000	Community Clinics/Programs
Other	7*5200000	Community Day/Night Care

Ambulatory care type description	Functional centre series code*	Functional centre series name
Other	7*5320000	Home Nursing
Other	7*5350000	Home Support
Other	7*5351000	Homemaking Services
Other	7*5352000	Home Maintenance/Adaptation Services
Other	7*5353000	Personal Care Services
Other	7*5354000	Respite Home Support
Other	7*5355000	Homemaking and Personal Care Services
Other	7*5520000	Health Promotion and Community Development
Other	7*5521000	Healthy Child Development
Other	7*5521200	Population Health Promotion
Other	7*5521400	Chronic Disease Prevention
Other	7*5521600	Injury Prevention
Other	7*5540000	Communicable Disease Prevention and Control
Other	7*5566610	Breast Screening
Other	7*5566611	Mobile
Other	7*5566612	Fixed
Other	7*5600000	Environmental Health
Other	7*5650000	Licensing
Other	7*5900000	Community Hospice Unit
Other	7*5921000	Intermediate Care Unit
Other	7*5923000	Supervisory/Limited Personal Care Unit
Other	7*5924000	Respite Care Unit
Other	7*5970000	Contracted-Out Services — Residential
Other	7*7000000	Research
Other	7*7100000	Research — Administration
Other	7*7200000	Animal House Research
Other	7*7300000	Nursing Research
Other	7*7400000	Diagnostic and Therapeutic Services Research
Other	7*7401000	Pharmacy Research
Other	7*7600000	Medical Research
Other	7*7601000	Biological Research
Other	7*7602000	Genetic Research
Other	7*7603000	Epidemiological Research
Other	7*7604000	Clinical Trials Research
Other	7*7605000	Health Delivery Research
Other	7*7606000	Outcomes Research
Other	7*7606600	Cancer Causation and Prevention Research

Ambulatory care type description	Functional centre series code*	Functional centre series name
Other	7*7607000	Behavioural Research
Other	7*7607700	Mental Health Research
Other	7*7607800	Addiction Services Research
Other	7*7609000	Other Research
Other	7*7700000	Population/Public Health Research
Other	7*8000000	Education
Other	7*8050000	Education Administration
Other	7*8100000	Library
Other	7*8200000	Audiovisual
Other	7*8300000	Medical Illustration
Other	7*8400000	In-Service Education
Other	7*8401000	Administrative and Support Services In-Service Education
Other	7*8402000	Nursing Services In-Service Education
Other	7*8403000	Ambulatory Care Services In-Service Education
Other	7*8404000	Diagnostic and Therapeutic Services In-Service Education
Other	7*8405000	Community and Social Services In-Service Education
Other	7*8406000	Medical In-Service Education
Other	7*8500000	Administrative and Support Services Formal Education
Other	7*8600000	Nursing Formal Education
Other	7*8601000	Licensed Practical Nurse (LPN) Formal Education Program
Other	7*8602000	Diploma Registered Nurse Formal Education Program
Other	7*8603000	Baccalaureate Nursing Formal Education Program
Other	7*8604000	Post-Baccalaureate Nursing Formal Education Program
Other	7*8605000	Continuing Nursing Formal Education Program
Other	7*8606000	Refresher Nursing Formal Education Program
Other	7*8700000	Diagnostic and Therapeutic Services Formal Education
Other	7*8701000	Clinical Laboratory Formal Education
Other	7*8701500	Diagnostic Imaging Formal Education
Other	7*8702000	Radiation Oncology Formal Education
Other	7*8702500	Electrodiagnostic Laboratories Formal Education
Other	7*8703000	Non-Invasive Cardiology and Vascular Laboratories Formal Education
Other	7*8703500	Respiratory Therapy Formal Education
Other	7*8704000	Pharmacy Formal Education
Other	7*8704500	Clinical Nutrition Formal Education
Other	7*8705000	Physiotherapy Formal Education
Other	7*8705500	Occupational Therapy Formal Education
Other	7*8706000	Audiology and Speech/Language Pathology Formal Education

Ambulatory care type description	Functional centre series code*	Functional centre series name
Other	7*8706500	Rehabilitation Engineering Formal Education
Other	7*8707000	Social Work Formal Education
Other	7*8707500	Psychology Formal Education
Other	7*8708500	Recreation Formal Education
Other	7*8709000	Child Life Formal Education
Other	7*8770000	Mental Health Formal Education
Other	7*8780000	Addiction Services Formal Education
Other	7*8790000	Combined Mental Health and Addiction Services Formal Education
Other	7*8800000	Medical Formal Education
Other	7*8801000	Medical Formal Education Administration
Other	7*8802000	Undergraduate Medical Formal Education Program
Other	7*8803000	Pre-Licensure Formal Training Program
Other	7*8804000	Family Medicine Formal Training Program
Other	7*8805000	Medical Specialty Formal Training Program
Other	7*8806000	Other Medical Formal Training Program
Other	7*9100000	Non–Service Recipient Food Services
Other	7*9102000	Cafeteria
Other	7*9104000	Catering
Other	7*9106000	Coffee Shop
Other	7*9108000	Vending
Other	7*9108500	Meals on Wheels
Other	7*9109000	Other Non–Service Recipient Food Services
Other	7*9200000	Marketed Services (Ancillary Operations)
Other	7*9202000	Sales of Services
Other	7*9204000	Sales of Goods
Other	7*9206000	Rentals of Equipment
Other	7*9208000	Rentals of Land or Buildings
Other	7*9500000	Marketed Services — Supported Living
Other	7*9950000	Social Services

Note

* The asterisk in the code = 1, 2 or 3.

Appendix C: Valid format of provincial health care numbers

Province/territory	Health care number format
Newfoundland and Labrador	12-digit Medical Care Plan (MCP) number
Prince Edward Island	8-digit health care number
Nova Scotia	10-digit Medical Services Insurance (MSI) number
New Brunswick	9-digit Medicare number
Quebec	12-digit health care number (4 alpha, 8 numeric)
Ontario	10-digit health care number (record an additional 1- or 2-character alpha version code* if applicable)
Manitoba	9-digit Manitoba personal health information number (PHIN)
Saskatchewan	9-digit health services number
Alberta	9-digit personal health number (PHN)
British Columbia	10-digit personal health number (PHN)
Yukon	9-digit health care number†
Northwest Territories	8-character health care number (1 alpha, 7 numeric)
Nunavut	9-digit health care number

Notes

* Alpha characters I and O are not valid version codes.

† Yukon health care numbers begin with 002.

Appendix D: CIHI-assigned Patient Service numbers*

Patient Service	CIHI number
Family practice	01
General medicine	10
Allergy	11
Cardiology	12
Dermatology	13
Endocrinology	14
Gastroenterology	15
Nephrology	16
Neurology	17
Respirology	18
Rheumatology	19
Pediatric medicine	20
Pediatric allergy	21
Pediatric cardiology	22
Pediatric dermatology	23
Pediatric endocrinology	24
Pediatric gastroenterology	25
Pediatric nephrology	26
Pediatric neurology	27
Pediatric respirology	28
Pediatric rheumatology	29
General surgery	30
Cardiovascular surgery	31
Neurosurgery	32
Oral surgery	33
Orthopedic surgery	34
Plastic surgery	35
Thoracic surgery	36
Transplant surgery	37
Traumatology	38
Urology	39
Pediatric surgery	40
Pediatric cardiovascular surgery	41

Patient Service	CIHI number
Pediatric neurosurgery	42
Pediatric oral surgery	43
Pediatric orthopedic surgery	44
Pediatric plastic surgery	45
Pediatric thoracic surgery	46
Pediatric transplant surgery	47
Pediatric traumatology	48
Pediatric urology	49
Obstetrics delivered	51
Obstetrics antepartum	52
Obstetrics aborted	53
Newborn [†]	54
Gynecology	55
Pediatric gynecology	56
Palliative care	58
Obstetrics postpartum	59
Otolaryngology and otorhinolaryngology	60
Pediatric otolaryngology and otorhinolaryngology	61
Ophthalmology	62
Pediatric ophthalmology	63
Psychiatry	64
Pediatric psychiatry	65
Hematology	66
Pediatric hematology	67
Immunology	68
Pediatric immunology	69
Physical medicine and rehab (physiatry)	70
Pediatric physical medicine and rehab (physiatry)	71
Geriatrics	72
Oncology	74
Rehab in acute care facility	76
Radiotherapy	81
Genetics	82
Dentistry	87
Pediatric dentistry	88
Stillborn	89
Cadaveric donor	90
Podiatry	91

Patient Service	CIHI number
Infectious disease	96
Neonatology	97
Alternate level of care (ALC)*	99

Notes

- * The Patient Service numbers have been developed based on consultations with all the provinces and territories, and align with their existing requirements and standards.
- † Patients must be 1 day old or younger to be assigned to *newborn* as Main Patient Service.
- ‡ For patients receiving acute care and ALC services, the Main Patient Service is assigned according to the acute care most responsible diagnosis captured in Diagnosis Code. Patient Service 99 (ALC) can be recorded as the Main Patient Service only when it is the only service the patient spent time on during his or her stay in the reporting facility and when an appropriate ALC diagnosis code is captured in Diagnosis Code. When the patient also spent time on a service other than 99 (ALC), that service will become the Main Patient Service.

Appendix E: Glossary of terms

Term	Acronym	Description
Acute and Ambulatory Care Data Content Standard	AAC Data Content Standard	The AAC Data Content Standard is composed of priority data elements that are commonly captured in e-health systems in an AAC setting and that support both primary and health system use of data.
Acute and Ambulatory Care Information Services	AACIS	AACIS is the branch at CIHI that is responsible for planning for, developing and maintaining multiple priority databases, clinical registries, information products and e-reporting systems for AAC settings.
Canadian Institute for Health Information	CIHI	CIHI is an independent, not-for-profit organization that provides essential data and analysis on Canada's health systems and the health of Canadians.
Discharge Abstract Database	DAD	The DAD is a national database that captures administrative, clinical and demographic information on hospital discharges (including deaths, sign-outs and transfers).
electronic health record	EHR	An EHR contains computer-based clinical data for an individual across multiple locations. This longitudinal health record includes data from a number of different interoperable EMRs and electronic patient records (EPRs) and is shared across multiple jurisdictions.
electronic medical record	EMR	An EMR is a computer-based patient medical record used by physicians, nurses and administrative staff. EMRs contain patient information that authorized health professionals can access electronically rather than through a traditional paper chart.
hospital information system	HIS	An HIS is any system that captures, stores, manages or transmits information related to the health of individuals or the activities of organizations that work within the health sector.
health system use	HSU	HSU of information refers to the use of health information to monitor, manage and improve the health of Canadians and their health care systems.
Hospital Morbidity Database	HMDB	The HMDB contains pan-Canadian acute inpatient data (including Quebec), Quebec day surgery data as of 2012–2013, as well as selected chronic and rehabilitation data. Data sources include the DAD and the ministère de la Santé et des Services sociaux du Québec.
Standards for Management Information Systems in Canadian Health Service Organizations	MIS Standards	This is a national set of standards used across the health care system to collect and report financial and statistical data from the daily operations of health service organizations. The MIS Standards reflects management information principles and a conceptual framework, which form an integrated approach to collecting, reporting and using financial and statistical data.
National Ambulatory Care Reporting System	NACRS	NACRS is a national database designed to capture information on client visits to facility- and community-based ambulatory care.

Reference

1. Canada Health Infoway. [Understanding EHRs, EMRs and PHRs](#). Accessed January 20, 2016.

**CIHI Ottawa**

495 Richmond Road
Suite 600
Ottawa, Ont.
K2A 4H6
613-241-7860

CIHI Toronto

4110 Yonge Street
Suite 300
Toronto, Ont.
M2P 2B7
416-481-2002

CIHI Victoria

880 Douglas Street
Suite 600
Victoria, B.C.
V8W 2B7
250-220-4100

CIHI Montréal

1010 Sherbrooke Street West
Suite 602
Montréal, Que.
H3A 2R7
514-842-2226

cihi.ca

19829-0419

