Discharge Abstract Database

Reference Guide
For Years 1999-2014

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ABOUT THIS GUIDE

This reference guide is intended for users of the Discharge Abstract Database. This guide provides an overview of the data, the general methodology used in its creation and important technical information. It contains operational procedures as well as table and field descriptions. The development of this document is an ongoing process that will be updated with changes that occur in the Discharge Abstract Database.

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OVERVIEW

The Discharge Abstract Database (DAD) held at the New Brunswick Institute for Research Data and Training (NB-IRDT) is a New Brunswick provincial database on separations/discharges and day surgeries from acute care institutions in New Brunswick. It captures administrative, clinical and demographic information including discharges, deaths, sign-outs, and transfers within a fiscal year (April 1 to March 31). Data from acute care facilities or from their respective health/regional authority or ministry/department of health are reported to the Canadian Institute for Health Information (CIHI) for editing, preparation and generation of reports. An anonymized version of this data from the department of health is held at NB-IRDT which provides project specific datasets with further scrambled identifiers to researchers.

Data Range

1999-2014 (Fiscal Years)

Data Source

New Brunswick Department of Health

How to cite this guide – paper reference guide

New Brunswick Institute for Data, Research and Training. (2017). *Discharge Abstract Database (DAD) Reference Guide for Years 1999-2014, 2017.* Fredericton, NB: New Brunswick Institute for Research, Data and Training.

How to cite this guide – online reference guide

New Brunswick Institute for Data, Research and Training. (2017). *Discharge Abstract Database (DAD) Reference Guide for Years 1999-2014, 2017.* Retrieved from: http://www.unb.ca/fredericton/arts/nbirdt/_resources/pdfs/discharge_abstract_database_reference_guide.pdf

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Acknowledgements

The Discharge Abstract Database is used with permission of the New Brunswick Department of Health.
The Canadian Institute for Health Information (CIHI) provides essential information on the DAD.

ABOUT THIS PRODUCT

Purpose of the product

The purpose of the Discharge Abstract Database (DAD) is to provide usable and linkable New Brunswick hospital separation/discharge data to researchers for public health and other research as well as for the development of population estimates and projections.

Definitions and concepts

See Appendix A

Content

This version of the Discharge Abstract Database (DAD) contains nineteen (19) groups of data elements:

Group	Description
1	Abstract Identification
2	Demographic information
3	Admission Data
4	Discharge Data
5	Patient Service Information
6	Blood Information
7	Basic Options
8	Other information
9	Service Transfer
10	Diagnosis Information
11	Intervention Information
12	Project Information
13	Reproductive Care Information
14	Mental Health Information
15	Special care Information
16	Licensed Vendor Assigned Value
17	Calculated Length of Stay
18	Provider Information
19	Vendor Value Added Data

Each section includes the name, description, type (character or numeric), number of observed values, and count of non-missing values of the data elements; and indicates whether they are mandatory or optional for the Province of New Brunswick.

General methodology

The DAD abstract collects coded patient demographic, diagnostic, intervention and administrative information for each hospital separation (discharge, death, sign-out or transfer of patient to another facility), from patient charts/health records using the ICD-10-CA/CCI coding system. ICD-10-CA is an enhanced version of the 10th revision of the International Statistical Classification of Diseases and Related Health Conditions (ICD-10) and was developed by CIHI for morbidity classification in Canada. The Canadian Classification of Health Interventions (CCI) is the Canadian standard for classifying health care interventions.

Abstracts are sent from the institutions or their provincial/territorial health authorities to the Canadian Institute for Health Information (CIHI) in format compatible with the classification systems used in the Case Mix Grouping (CMG+) methodology and the Comprehensive Ambulatory Classification System (CACS)/Resource Intensity Weights (RIW). This methodology is designed to aggregate acute care inpatient cases with shared clinical and resource-utilization characteristics and to take advantage of the increased clinical specificity of ICD-10-CA and CCI. Editing and grouping methodologies are applied and data sent back to Hospitals/institutions for re-editing and reports generation.

The reference population is all separations/discharge from acute inpatient care and day surgery institutions in New Brunswick (excluding stillbirths and cadaveric donor cases) from April 1 to March 31 for the years 1999 to 2014.

New Brunswick Discharge Abstract Data from the Department of Health is stored securely by the NBIRDT for authorized access to researchers.

See Appendix B for Discharge Abstract Database—Information Flow diagram.

Using with other products

The DAD Abstracting manual provides detailed information on the data elements.

Reference Date

1999 - 2014 (Fiscal Years)

WHAT'S NEW?

2001–2002: The Discharge Abstract format was changed to accommodate the adoption of the ICD-10-CA/CCI classification systems in some provinces and territories.

2003–2004: New Brunswick began coding discharge abstract data using the ICD-10-CA/CCI classification system.

2007: The Discharge Abstract was modified to support the new Case Mix Group methodology, CMG+.

Historic changes to DAD data elements

For changes in the DAD data elements, go to:
https://www.cihi.ca/sites/default/files/document/dad_executive_sum_09_10_en.pdf
Pages 45-50 (for years 1995-2010)

https://www.cihi.ca/sites/default/files/document/dad_data_quality_13_14_en.pdf
Pages 12-15 (for years 2003 to 2014)

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TECHNICAL SPECIFICATIONS

Record layouts and data descriptions

1. Abstract Identification

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Province	C	Reporting province identifier	146495	146495	N/A
Institution Number	C	Unique facility identifier	146495	146495	M
Fiscal Year	N	Fiscal year of discharge	146495	146495	M
Batch Period	N	Month of discharge	146495	146495	M
Batch Number	N	Batch number of submitted abstract	146495	146495	M
Abstract Number	N	Unique abstract identifier	146495	146495	M
Coder ID	C	Unique coder identifier	146495	146495	M

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Province

Code which identifies the province where the reporting facility is located.

Code	Description
0	Newfoundland
1	Prince Edward Island
2	Nova Scotia
3	New Brunswick
4	Quebec
5	Ontario
6	Manitoba
7	Saskatchewan
8	Alberta
9	British Columbia
I	International
N	Northwest Territories
V	Nunavut Territory
Y	Yukon Territory

Institution Number

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.

Batch Year

Year the patient was discharged from a facility according to the fiscal year, in the format YYYY.

Batch Period

Identifies the month in which the patient was discharged according to the fiscal year. The batch periods range from 01 to 12 (01 – April, 02 – May, 03-June, etc.).

Batch Number

Identifies group or batch containing the abstract.

Abstract Number

Unique identification number for each abstract within a batch.

Coder Id

Facility assigned numeric or alphanumeric identifier assigned to the Individual responsible for coding of the abstract.

2. Demographics

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Scrambled ID	C	Scrambled patient identifier	146495	0	M
Province/Territory Issuing HCN	C	Province/Territory Issuing HCN code	146495	146495	M
Responsibility for Payment	C	Payment source code	146495	146455	M
Provincial Ancillary Data	N/C	Province specific data	146495	65	O
Postal Code	C	Patient postal code	146495	146495	M
Residence Code	C	Residence Area code	146495	146340	M
Birthdate	N	Patient date of birth	146495	146495	M
Age Code	C	Unit of age code	146495	146495	Derived
Age Units	N	Patient age	146495	146495	Derived
Gender	C	Patient sex code	146495	146495	M

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Scrambled Id

64-character long string for valid Medicare number, or blank. Researchers do not have access to the 64-character long scram_IDs. When extracting project datasets, NB-IRDT scrambles the scram_IDs into project-specific unique random numbers called individual IDs.

Province/Territory Issuing Health Care Number

Represents the provincial/territorial government from which the health care number was issued. Used in conjunction with the HCN field to identify a HCN issued by a province/territory.

Code	Description
99	Not Applicable (to be used in conjunction with a single digit HCN of 1 or 8)
AB	Alberta
BC	British Columbia
CA	Federal Government of Canada (e.g., RCMP, DVA)
MN	Manitoba
NB	New Brunswick
NL	Newfoundland
NS	Nova Scotia
NT	Northwest Territories
NU	Nunavut
ON	Ontario
PE	Prince Edward Island
QC	Quebec
SK	Saskatchewan
YT	Yukon

Responsibility for Payment

Primary source responsible for payment for patient's hospitalization. Exception - for cadaveric donors and stillbirths, the Responsibility for Payment field is left blank.

Code	Description
01	Province/Territory responsibility
02	WCB/WSIB
03	Other Province/Territory (resident of Canada)
04	DVA
05	First Nations and Inuit Health Branch (FNIHB) formally called Medical Services Branch (MSB)
06	Other Federal Government
07	Canadian resident self-pay
08	Other countries resident self- pay
09	For Provincial definition
Blank	Stillbirth or cadaver

Provincial Ancillary Data

Province specific information is recorded in this field - as defined by each Provincial Ministry of Health.

Postal Code

Postal Area Designation used by Canada Post and Bermuda. If Postal Code is unavailable, the Mini Postal Code System is used.

Code	Description
#2	Non-Canadian residents
AB	Alberta
BC	British Columbia
MB	Manitoba
NB	New Brunswick
NL	Newfoundland
NS	Nova Scotia
NT	Northwest Territories
NU	Nunavut
ON	Ontario
PE	Prince Edward Island
QC	Quebec
SK	Saskatchewan
YT	Yukon

Residence Code

Code that indicates the patient's area of residence, defined by each Provincial/Territorial Ministry of Health.

Birthdate

Calendar date (YYYYMMDD) on which the patient was born. This is used to calculate patient's age.

Code	Description
99990101	Invalid birth date
99990901	Unknown birth date

Age Code

Code which indicates how the patient's age is recorded.

Code	Description
B	Age recorded for Newborn or Stillbirth.
D	Age is expressed in days. Patient is less than 31 days old.
M	Age expressed in months. Patient is less than 2 yrs. old (24 months).
U	Age unknown
Y	Age expressed in years. Patient is 2 or more years old.

Age Units

Age is a derived variable that represents how old the patient is at the time of admission and is calculated using the Birthdate.

Code	Description
000	New born or Stillbirth or Unknown
001-999	Age of patient expressed as a numeric value - used in conjunction with the age field as follows: * If age of patient is less than 31 days, the value is expressed in days. * If Age of Patient is less than 2 years old, the value is expressed in months. * If Age of Patient is 2 years old or more, the value is expressed in years.

Gender

Alpha character describing the sex of the patient.

Code	Description
F	Female
M	Male
O	Other

| U | Undifferentiated - can be used only when entry code is S (stillbirth) |

3. Admission Data

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Admission Date	N	Patient admission to institution date	146495	146495	M
Admission Time	N	Patient admission to institution time	146495	146495	M
Institution from Type	C	Institution from type code	146495	18770	M
Institution from Number	C	Institution from number	146495	18770	M
Admit Category	C	Admit category code	146495	146495	M
Readmission Code	C	Admission to same level of care code	146495	90450	M
Ambulance Code	C	Ambulance flag	146495	146495	M
Entry Code	C	Point of entry to facility code	146495	146495	M
Date Patient Left ED	N	Date patient left ED	146495	29615	O
Time Patient Left ED	N	Time patient left ED	146495	29615	O
Wait Time in ED	N	Wait time in ED	146495	29615	O

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Admission Date

Calendar date (YYYYMMDD) on which the patient was officially registered as an inpatient/admitted to the facility, in the format.

Code	Description
99990101	Invalid date
99990901	Unknown date

Admission Time

The time using the 24-hour clock (hhmm) that the patient was registered as an inpatient/ admitted to the facility.

Code	Description
0000 – 2359	Valid values
9999	Unknown time
Blank	Invalid values

Institution from Type

Code which identifies another health care facility or another level of care within the reporting facility from which the patient was transferred for further care.

Code	Description
0	Organized Outpatient Department of Reporting Facility
1	Acute Care
2	General Rehabilitation Facility
3	Chronic Care Facility
4	Nursing Home
5	Psychiatric Facility
6	Unclassified or other type of Facility
7	Special Rehabilitation Facility
8	Home Care
9	Home for the Aged
A	Day Surgery
B	Private Clinic
Blank	No patient transfer
E	Emergency Room
N	Ambulatory Care

Institution from Number

Five (5) digit Province/Territory assigned number which identifies the health care facility or another level of care within the reporting facility from which the patient was transferred for further care.

Admit Category

Patient classification on admission to a health care facility.

Code	Description
L	Elective
N	Newborn (born in reporting hospital or outside reporting facility and admitted within first 24 hours of life)
R	Cadaver (admitted for organ/tissue retrieval purposes)
S	Stillbirth (in the reporting hospital)
U	Emergent/Urgent

Readmission code

Code which indicates a readmission to the same level of care within the reporting facility.

Code	Description
1	Planned
2	Acute $\leq$ 7 days; unplanned from previous acute admission
3	Acute 8 – 28 days; unplanned from previous acute admission
4	$\leq$ 7 days; unplanned (from day surgery)
5	New patient
9	None of the above
Blank	Stillbirth, Cadaver

Ambulance Code

Code which indicates whether a patient arrives at the health care facility via ambulance and the type of ambulance that was used.

Code	Description
A	Air ambulance
C	Any combination of ground, air or water ambulance
G	Ground ambulance
N	Patient did not arrive by ambulance

Entry Code

Code which indicates the point of entry to the health care facility.

Code	Description
Blank	Field not coded
C	Clinic from the reporting hospital
D	Direct
E	Emergency Department from the reporting hospital
N	Newborn (born alive in the reporting hospital)
P	Day Surgery from the reporting hospital
S	Stillborn (in the reporting hospital)

Date Patient Left ED

The calendar date (YYYYMMDD) on which the patient physically left the emergency department and was moved to the inpatient unit, operating room or diagnostic area and did NOT return to the ED. Mandatory in NL, NS, MB, BC, SK and ON when the entry code is E (Emergency department).

Code	Description
99990101	Invalid
Spaces	Not applicable

Time Patient Left ED

The time (hhmm) at which the patient physically left the emergency department and was moved to the inpatient unit, operating room or diagnostic area and did NOT return to the ED. Mandatory in NL, NS, MB, BC, SK and ON when the entry code is E (Emergency department).

Code	Description
9999	Unknown
0000-2359	Valid values
Blank	Blank
ZZZZ	Invalid

Wait Time in ED

Time spent in Emergency (in hours) from the admission time until the time the patient left for an inpatient bed. The difference, in hours, between the admission date/admission time and the date/time patient left ED.

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4. Discharge Data

Data Element	Type	Description	Number of Observations	Non-Missing Values Count	Mandatory/ Optional (M/O)
Discharge Date	N	Discharge from facility date	146495	146495	M
Discharge Time	N	Discharge from facility time	146495	146495	M
Institution to Type	C	Institution to Type code	146495	20105	M
Institution to Number	C	Institution to unique identifier	146495	20105	M
Discharge Disposition	C	Status of patient on discharge code	146495	146495	M

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Discharge Date

Date (YYYYMMDD) the patient was separated from/physically left the nursing unit of the reporting facility.

Code	Description
99990101	Invalid date
99990901	Unknown date

Discharge Time

Time (hhmm) the patient was formally discharged (physically left the bed) from the nursing unit of the reporting facility, reported according to the 24-hour clock.

Institution to Type

Code which identifies the level of care of the facility to which the patient was transferred for further care.

Code	Description
If blank or empty	No transfer occurred
0	Organized Outpatient Department
1	Acute Care
2	General Rehabilitation
3	Chronic Care
4	Nursing Home
5	Psychiatry
6	Unclassified or Other Type
7	Special Rehabilitation
8	Home Care
9	Home for the Aged
A	Day Surgery
B	Private Clinic
E	Emergency Department
N	Ambulatory Care

Institution to Number

Five digit identifier incorporating Province/Territory and valid institution number.

Discharge Disposition

The location (01 to 05) where the patient was discharged to or the status of the patient on discharge (06 to 09 and 12). 01 – 09 for use in all provinces, 10 – 11 for use in Manitoba only

Code	Description
01	Transferred to another facility providing inpatient hospital care (includes other acute, sub-acute, psychiatric, rehabilitation, cancer centre/agency, pediatric
02	hospital).
	Transferred to a long term care facility (personal care homes, auxiliary care, nursing
03	homes, extended care, homes for the aged, senior's homes, DVA homes)
04	Transferred to other (palliative care/hospice, addiction treatment centre)
	Discharged to a home setting with support services (senior's lodge, attendant care,
05	home care, meals on wheels, homemaking, supportive housing….)
06	Discharged home
07	Signed out (against medical advice)
08	Died
09	Cadaver – admitted for organ/tissue retrieval
10	Stillbirth
11	Newborn and pediatric discharges to Child & Family Services (for use by MB only)
12	Private Adoption (for use by MB only)
	Did not return from pass

5. Patient Service Information

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Main Patient Service	C	Main patient service code	146495	146495	M
Patient Sub-Service	C	Patient sub-service code	146495	7565	M

The type 'C' refers to both alphabetic and numeric characters.

Main Patient Service

Code for hospital assigned service responsible for caring for patient during hospital stay. 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 the service which contributed to the longest portion of the patient's length of stay in the facility. If Main Patient Service is not coded or an invalid service is recorded, the system defaults to ZZ.

Main Patient Sub-Service

Code which further defines the Main Patient Service or differentiates between types of patients treated within the Main Patient Service. May be a facility or province assigned number.

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6. Blood Information

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Blood transfusion not received indicator	C	Blood transfusion not received code	146495	139930	M
Blood transfusion received indicator	C	Blood transfusion received code	146495	6515	M
Red blood cell indicator	C	Red blood cell received code	146495	5645	M
Platelets indicator	C	Platelets received code	146495	725	M
Plasma indicator	C	Plasma received code	146495	815	M
Albumin indicator	C	Albumin received code	146495	765	M
Other blood component indicator	C	Other blood components received code	146495	410	M
Auto transfusion indicator	C	Auto transfusion received code	146495	6515	M

The type 'C' refers to both alphabetic and numeric characters.

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Blood transfusion not received indicator

Code which indicates the patient did not receive blood transfusion/blood products during their hospitalization.

Code	Description
Y	Yes

Blood transfusion received indicator

Code which indicates the patient did receive blood transfusion/blood products during their hospitalization.

Code	Description
Y	Yes

Red blood cell indicator

Code which indicates that the patient received red blood cell transfusion during their hospitalization.

Code	Description
Y	Yes

Platelets indicator

Code which indicates that the patient received platelets transfusion during their hospitalization.

Code	Description
Y	Yes

Plasma indicator

Code which indicates that the patient received plasma transfusion during their hospitalization.

Code	Description
Y	Yes

Albumin indicator

Code which indicates that the patient received albumin transfusion during their hospitalization.

Code	Description
Y	Yes

Other blood component indicator

Code which indicates that the patient received other blood components/transfusion during their hospitalization.

Code	Description

Y	Yes

Auto transfusion indicator

Code which indicates that the patient received auto transfusion during their hospitalization.

Code	Description
Y	Yes
N	no

7. Basic Options

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Basic option 1	N or C	Facility additional information field	146495	110	O
Basic option 2	N or C	Same as for 1	146495	415	O
Basic option 3	N or C	Same as for 1	146495	160	O
Basic option 4	N or C	Same as for 1	146495	285	O
Basic option 5	N or C	Same as for 1	146495	1860	O
Basic option 6	N or C	Same as for 1	146495	1880	O
Basic option 7	N or C	Same as for 1	146495	1880	O
Basic option 8	N or C	Same as for 1	146495	1805	O
Basic option 9	N or C	Same as for 1	146495	875	O
Basic option 10	N or C	Same as for 1	146495	580	O
Basic option 11	N or C	Same as for 1	146495	30	O
Basic option 12	N or C	Same as for 1	146495	25	O
Basic option 13	N or C	Same as for 1	146495	75	O
Basic option 14	N or C	Same as for 1	146495	25	O
Basic option 15	N or C	Same as for 1	146495	10	O
Basic option 16	N or C	Same as for 1	146495	5	O
Basic option 17	N or C	Same as for 1	146495	55	O
Basic option 18	N or C	Same as for 1	146495	90	O
Basic option 19	N or C	Same as for 1	146495	35	O

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Basic option 1

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 2

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 3

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 4

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 5

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 6

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 7

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 8

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 9

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 10

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 11

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 12

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 13

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 14

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 15

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 16

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 17

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 18

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

Basic option 19

A field available for the Facility to Collect Additional Information for their needs.   Blank = No Information Recorded.

8. Other Information

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Weight in grams	N	Baby's weight on admission	146495	7565	M
Age group	C	Age group code	146495	146495	N/A
Coding classification indicator	C	Coding classification code	146495	146495	N/A
Institution type	C	Institution type code	146495	146495	N/A
Analytical institution type	C	Analytical institution type code	146495	146495	N/A
Abstract overflow	C	Abstract overflow code	146495	450	O
1st special care unit number	C	First special care unit identifier	146495	90785	N/A
Last activity date	N	Date abstract was last modified	146495	146495	N/A

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Weight in grams

The baby's weight on admission, in grams. Captured for newborns and neonates (age ≤ 28 days) only.

Age Group

A CIHI assigned age grouping based on the patient's age at the time of admission.

Code	Description
1	0 - 12 months
2	13 months - 4 years
3	5 years - 9 years
4	10 years - 14 years
5	15 years - 19 years
6	20 years - 24 years
7	25 years - 29 years
8	30 years - 34 years
9	35 years - 39 years
10	40 years - 44 years
11	45 years - 49 years
12	50 years - 54 years
13	55 years - 59 years
14	60 years - 64 years
15	65 years - 69 years
16	70 years - 74 years
17	75 years - 79 years
18	80 years - 84 years
19	85 years - 89 years
20	90 years+
21	Stillbirths/Age unknown

Coding classification indicator

Code which identifies the classification system used for recording diagnoses and procedures. 0 = ICD 10.

Institution type

Code which indicates the level of care of the facility. See Readmission code field.

Analytical institution type

Code which indicates the level of care of the facility for analytical purposes.

Code	Description
0	Organized Outpatient Department of Reporting Facility
1	Acute Care
2	General Rehabilitation Facility
3	Chronic Care Facility
4	Nursing Home
5	Psychiatric Facility
6	Unclassified or other type of Facility
7	Special Rehabilitation Facility
8	Home Care
9	Home for the Aged
A	Day Surgery
B	Private Clinic
C	Pseudo Chronic
D	Pseudo SDS
E	Emergency Room
H	Pseudo Acute
N	Ambulatory Care
P	Phantom PAAC
S	Sub-Acute

Abstract Overflow

A code which indicates that all the information could not be accommodated in the doctor, diagnosis, and procedure, special care unit or patient service abstract areas.

Code	Description
0	More than one of the Provider, Special Care Unit, Project and Service Transfer areas incomplete (exc. diag. and int.)
1	Diagnosis area incomplete.
2	Intervention area incomplete.
3	Provider area incomplete.
4	Special Care Unit area incomplete.
5	Project area incomplete.
6	Service Transfer area incomplete.
7	Both Diagnosis and Intervention areas incomplete.
8	Diagnosis and other areas incomplete (exc.int.)
9	Intervention and other areas incomplete (exc. diag.)

1st special care unit number

A code which indicates the type of special care unit the patient was first treated in during their hospitalization.

Code	Description
10	Medical Intensive Care Nursing Unit
20	Surgical Intensive Care Nursing Unit
25	Trauma Intensive Care Nursing Unit
30	Combined Medical/Surgical Intensive Care Nursing Unit
35	Burn Intensive Care Nursing Unit
40	Cardiac Intensive Care Nursing Unit
45	Coronary Intensive Care Nursing Unit
50	Neonatal Intensive Care Nursing Unit
51	Neonatal Intensive Care Nursing Unit Level 1
52	Neonatal Intensive Care Nursing Unit Level 2
53	Neonatal Intensive Care Nursing Unit Level 3
60	Neurosurgery Intensive Care Nursing Unit
70	Pediatric Intensive Care Nursing Unit
80	Respirology Intensive Care Nursing Unit
90	Step-down Medical Unit
93	Combined Med/Surgical Step down unit
95	Step-down Surgical Unit
98	Provincially defined
99	No SCU

Last Activity Date

The date on which the abstract was added or last modified.

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9. Service Transfer

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
First service transfer service	C	First service transfer service code	146495	6040	M
First service transfer sub-service	C	First service transfer sub-service code	146495	450	M
First service transfer days	N	Number of days at first transfer service	146495	6040	M
Second service transfer service	C	Second service transfer service code	146495	425	M
Second service transfer sub-service	C	Second service transfer sub-service code	146495	80	M
Second service transfer days	N	Number of days at second transfer service	146495	425	M
Third service transfer service	C	Third service transfer service code	146495	40	M
Third service transfer sub-service	C	Third service transfer sub-service code	146495	5	M
Third service transfer days	N	Number of days at third transfer service	146495	40	M

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

First service transfer service

Number assigned by a facility, in accordance with CIHI's numbering convention, to an additional patient service where the patient spent part of his/her hospital stay. A patient service ZZ   is the default value if an invalid service is recorded. The code for the first service transfer service is W.

First service transfer sub-service

A code which further defines the first service transfer service. May be a facility or province assigned number.

First service transfer days

The number of days associated with the additional patient service. -1 = invalid

Second service transfer service

See details for first service transfer service. The code for the second service transfer service is X.

Second service transfer sub-service

See details for the first service transfer sub-service.

Second service transfer days

See details for first service transfer service days.

Third service transfer service

See details for first service transfer service. The code for the third service transfer service is Y.

Third service transfer sub-service

See details for the first service transfer sub-service.

Third service transfer days

See details for the first service transfer service days.

10.Diagnosis Information

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Diagnosis 1 prefix	C	Diagnosis prefix code	146495	2110	M
Diagnosis 1 code	C	Diagnosis description code	146495	146495	M
Diagnosis 1 type	C	Diagnosis type code	146495	146495	M
Diagnosis 1 cluster	C	Diagnosis cluster code	146495	4465	M
Diagnosis 2 prefix	C	Diagnosis prefix code	146495	2885	M
Diagnosis 2 code	C	Diagnosis description code	146495	87045	M
Diagnosis 2 type	C	Diagnosis type code	146495	87045	M
Diagnosis 2 cluster	C	Diagnosis cluster code	146495	6280	M
Diagnosis 3 prefix	C	Diagnosis prefix code	146495	1880	M
Diagnosis 3 code	C	Diagnosis description code	146495	54760	M
Diagnosis 3 type	C	Diagnosis type code	146495	54760	M
Diagnosis 3 cluster	C	Diagnosis cluster code	146495	4710	M
Diagnosis 4 prefix	C	Diagnosis prefix code	146495	1650	M
Diagnosis 4 code	C	Diagnosis description code	146495	34580	M
Diagnosis 4 type	C	Diagnosis type code	146495	34580	M
Diagnosis 4 cluster	C	Diagnosis cluster code	146495	3090	M
Diagnosis 5 prefix	C	Diagnosis prefix code	146495	1210	M
Diagnosis 5 code	C	Diagnosis description code	146495	22155	M
Diagnosis 5 type	C	Diagnosis type code	146495	22155	M

Diagnosis 5 cluster	C	Diagnosis cluster code	146495	2305	M
Diagnosis 6 prefix	C	Diagnosis prefix code	146495	905	M
Diagnosis 6 code	C	Diagnosis description code	146495	14460	M
Diagnosis 6 type	C	Diagnosis type code	146495	14460	M
Diagnosis 6 cluster	C	Diagnosis cluster code	146495	1740	M
Diagnosis 7 prefix	C	Diagnosis prefix code	146495	670	M
Diagnosis 7 code	C	Diagnosis description code	146495	9655	M
Diagnosis 7 type	C	Diagnosis type code	146495	9655	M
Diagnosis 7 cluster	C	Diagnosis cluster code	146495	1255	M
Diagnosis 8 prefix	C	Diagnosis prefix code	146495	520	M
Diagnosis 8 code	C	Diagnosis description code	146495	6565	M
Diagnosis 8 type	C	Diagnosis type code	146495	6565	M
Diagnosis 8 cluster	C	Diagnosis cluster code	146495	915	M
Diagnosis 9 prefix	C	Diagnosis prefix code	146495	390	M
Diagnosis 9 code	C	Diagnosis description code	146495	4550	M
Diagnosis 9 type	C	Diagnosis type code	146495	4550	M
Diagnosis 9 cluster	C	Diagnosis cluster code	146495	655	M
Diagnosis 10 prefix	C	Diagnosis prefix code	146495	310	M
Diagnosis 10 code	C	Diagnosis description code	146495	3135	M
Diagnosis 10 type	C	Diagnosis type code	146495	3135	M

Diagnosis 10 cluster	C	Diagnosis cluster code	146495	455	M
Diagnosis 11 prefix	C	Diagnosis prefix code	146495	235	M
Diagnosis 11 code	C	Diagnosis description code	146495	2215	M
Diagnosis 11 type	C	Diagnosis type code	146495	2215	M
Diagnosis 11 cluster	C	Diagnosis cluster code	146495	330	M
Diagnosis 12 prefix	C	Diagnosis prefix code	146495	210	M
Diagnosis 12 code	C	Diagnosis description code	146495	1545	M
Diagnosis 12 type	C	Diagnosis type code	146495	1545	M
Diagnosis 12 cluster	C	Diagnosis cluster code	146495	265	M
Diagnosis 13 prefix	C	Diagnosis prefix code	146495	140	M
Diagnosis 13 code	C	Diagnosis description code	146495	1070	M
Diagnosis 13 type	C	Diagnosis type code	146495	1070	M
Diagnosis 13 cluster	C	Diagnosis cluster code	146495	200	M
Diagnosis 14 prefix	C	Diagnosis prefix code	146495	110	M
Diagnosis 14 code	C	Diagnosis description code	146495	785	M
Diagnosis 14 type	C	Diagnosis type code	146495	785	M
Diagnosis 14 cluster	C	Diagnosis cluster code	146495	135	M
Diagnosis 15 prefix	C	Diagnosis prefix code	146495	90	M
Diagnosis 15 code	C	Diagnosis description code	146495	570	M
Diagnosis 15 type	C	Diagnosis type code	146495	570	M

Diagnosis 15 cluster	C	Diagnosis cluster code	146495	105	M
Diagnosis 16 prefix	C	Diagnosis prefix code	146495	65	M
Diagnosis 16 code	C	Diagnosis description code	146495	415	M
Diagnosis 16 type	C	Diagnosis type code	146495	415	M
Diagnosis 16 cluster	C	Diagnosis cluster code	146495	85	M
Diagnosis 17 prefix	C	Diagnosis prefix code	146495	60	M
Diagnosis 17 code	C	Diagnosis description code	146495	290	M
Diagnosis 17 type	C	Diagnosis type code	146495	290	M
Diagnosis 17 cluster	C	Diagnosis cluster code	146495	70	M
Diagnosis 18 prefix	C	Diagnosis prefix code	146495	30	M
Diagnosis 18 code	C	Diagnosis description code	146495	215	M
Diagnosis 18 type	C	Diagnosis type code	146495	215	M
Diagnosis 18 cluster	C	Diagnosis cluster code	146495	55	M
Diagnosis 19 prefix	C	Diagnosis prefix code	146495	35	M
Diagnosis 19 code	C	Diagnosis description code	146495	175	M
Diagnosis 19 type	C	Diagnosis type code	146495	175	M
Diagnosis 19 cluster	C	Diagnosis cluster code	146495	35	M
Diagnosis 20 prefix	C	Diagnosis prefix code	146495	20	M
Diagnosis 20 code	C	Diagnosis description code	146495	130	M
Diagnosis 20 type	C	Diagnosis type code	146495	130	M

Diagnosis 20 cluster	C	Diagnosis cluster code	146495	35	M
Diagnosis 21 prefix	C	Diagnosis prefix code	146495	25	M
Diagnosis 21 code	C	Diagnosis description code	146495	100	M
Diagnosis 21 type	C	Diagnosis type code	146495	100	M
Diagnosis 21 cluster	C	Diagnosis cluster code	146495	20	M
Diagnosis 22 prefix	C	Diagnosis prefix code	146495	20	M
Diagnosis 22 code	C	Diagnosis description code	146495	75	M
Diagnosis 22 type	C	Diagnosis type code	146495	75	M
Diagnosis 22 cluster	C	Diagnosis cluster code	146495	15	M
Diagnosis 23 prefix	C	Diagnosis prefix code	146495	20	M
Diagnosis 23 code	C	Diagnosis description code	146495	55	M
Diagnosis 23 type	C	Diagnosis type code	146495	55	M
Diagnosis 23 cluster	C	Diagnosis cluster code	146495	10	M
Diagnosis 24 prefix	C	Diagnosis prefix code	146495	15	M
Diagnosis 24 code	C	Diagnosis description code	146495	40	M
Diagnosis 24 type	C	Diagnosis type code	146495	40	M
Diagnosis 24 cluster	C	Diagnosis cluster code	146495	10	M
Diagnosis 25 prefix	C	Diagnosis prefix code	146495	10	M
Diagnosis 25 code	C	Diagnosis description code	146495	30	M
Diagnosis 25 type	C	Diagnosis type code	146495	30	M

Diagnosis 25 cluster	C	Diagnosis cluster code	146495	10	M

The type 'C' refers to both alphabetic and numeric characters.

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Diagnosis 1 prefix

One character-long code which provides additional information on the ICD code to which it is assigned. It may be alphabetic (A-Y) or numeric (0-9), Z is not a valid prefix).

CIHI has assigned standard definitions to the following prefixes. Health care facilities may use other alpha or numeric codes to collect additional information.

Code	Description
C	Cause of Death Code: Identifies diagnosis documented as cause of death.
Q	Questionable or Query Diagnosis: Used when health care provider documents the diagnosis as uncertain or questionable, or if there is no documented confirmation of the diagnosis.
5	Describes a post-admit comorbidity (Diagnosis Type 2) that arose after admission and before the first qualifying intervention episode occurring in • The Main OR (Intervention Location Code = 01) for any intervention; or • The Cardiac Catheterization Room (Intervention Location Code = 08) for any intervention; or • Another facility (out-of-hospital [OOH]) for select cardiac interventions codes from the following rubrics: – 3.IP.10.^^ X-ray, heart with coronary arteries – 1.IJ.50.^^ Dilation, coronary arteries – 1.IJ.57.^^ Extraction, coronary arteries Prefix 5 does not apply to day surgery and obstetrical codes O00 to O99 recorded with a Diagnosis Type 2 (Post-Admit Comorbidity). Prefix 5 takes precedence over Diagnosis Prefixes Q and C or facility-defined Diagnosis Prefixes
6	Describes a post-admit comorbidity (Diagnosis Type 2) that arose during or after the first qualifying intervention episode occurring in • The Main OR (Intervention Location Code = 01) for any intervention; or • The Cardiac Catheterization Room (Intervention Location Code = 08) for any intervention; or • Another facility (out-of-hospital [OOH]) for select cardiac interventions codes from the following rubrics: – 3.IP.10.^^ X-ray, heart with coronary arteries – 1.IJ.50.^^ Dilation, coronary arteries – 1.IJ.57.^^ Extraction, coronary arteries Prefix 6 does not apply to day surgery and obstetrical codes O00 to O99 recorded with a Diagnosis Type 2 (Post-Admit Comorbidity).
8	Prefix 8 is assigned to Diagnosis Code Z51.5 Palliative Care when palliative care is documented as a known component of the patient's care plan prior to arrival at the facility.

Diagnosis 1 code

ICD code which identifies the Morbidity (condition) considered to be the most responsible for the patient's hospitalization. ZZZZZZZ indicates an invalid ICD Diagnosis code.

Diagnosis 1 type

Code which indicates the relationship of the diagnosis to the patient's hospitalization. Must be M- most responsible.

Diagnosis 1 cluster

Alphabetic character which indicates association between diagnoses. Blank indicates no association with other diagnoses.

Diagnosis 2 prefix

See details for Diagnosis 1 prefix

Diagnosis 2 code

ICD code which identifies the Morbidity (condition) which contributed to the patient's hospitalization. ZZZZZZZ indicates an invalid ICD Diagnosis code.

Diagnosis 2 type

A Code which indicates the relationship of the diagnosis to the patient's hospitalization.

Code	Description
0	Restricted to newborns with admit category N, to record insignificant conditions that do not affect treatment or LOS, and do not affect CMG assignment
1	Pre-admit comorbidity diagnosis - the diagnosis which has a significant influence on the patient's hospitalization.
2	Post-admit comorbidity diagnosis - the diagnosis which describes a condition arising during the patient's hospitalization.
3	Secondary diagnosis - the diagnosis which did not significantly contribute to the patient's hospitalization.
4	Morphology diagnosis - ICD or SNOP code describing the type and behaviors of neoplasm.
5	Admitting diagnosis when different from the most responsible
6	Asterisk code a manifestation in a dagger/asterisk convention that fulfills the requirements stated in the definition of MRDX.
9	External cause of injury diagnosis - supplements an ICD code.
W	The diagnosis associated with the first service transfer
X	The diagnosis associated with the second service transfer
Y	The diagnosis associated with the third service transfer

Diagnosis 2 cluster

See details for Diagnosis 1 cluster

Diagnosis 3 prefix

See details for Diagnosis 1 prefix

Diagnosis 3 code

See details for Diagnosis 1 code

Diagnosis 3 type

See details for Diagnosis 1 type

Diagnosis 3 cluster

See details for Diagnosis 1 cluster

Diagnosis 4 prefix

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Diagnosis 4 code

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Diagnosis 25 prefix

See details for Diagnosis 2 prefix

Diagnosis 25 code

See details for Diagnosis 2 code

Diagnosis 25 type

See details for Diagnosis 2 type

Diagnosis 25 cluster

See details for Diagnosis 1 cluster

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11.Intervention Information

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Died During Intervention	C	Died during intervention Code	146495	15	M
Intervention 1 episode number	N	Intervention episode Number	146495	95390	M
Intervention 1 intervention in episode number	N	Intervention in episode Number	146495	95390	M
Intervention 1 episode start date	N	Intervention episode start date	146495	95390	M
Intervention 1 episode start time	N	Intervention episode start time	146495	71545	M
Intervention 1 episode end date	N	Intervention episode end date	146495	71625	M
Intervention 1 episode end time	N	Intervention episode end time	146495	71470	M
Intervention 1 begun pre-admit flag	C	Begun pre-admit flag	146495	365	M
Intervention 1 code	C	Intervention code	146495	95390	M
Intervention 1 status attribute	C	Intervention status code	146495	14820	M
Intervention 1 location attribute	C	Intervention location code	146495	48020	M
Intervention 1 extent attribute	C	Intervention extent code	146495	19010	M
Intervention 1 provider number	C	Provider unique identifier	146495	91180	M
Intervention 1 provider service	C	Provider service code	146495	94755	M
Intervention 1 tissue	C	Intervention tissue code	146495	5	O
Intervention 1 location	C	Intervention location code	146495	93730	M
Intervention 1 anaesthetist	C	Anaesthetist unique identifier	146495	53405	M
Intervention 1 anaesthetic technique	C	Anaesthetic technique code	146495	95390	M

Intervention 1 Out of hospital indicator	C	Out of hospital indicator	146495	580	M
Intervention 1 OOH institution number	C	OOH institution identifier	146495	580	M
Intervention 1 unplanned return to OR	C	Unplanned return to OR flag	146495	5	M
Intervention 1 episode duration	N	Intervention duration of episode	146495	71305	Derived
Intervention 2 episode number	N	Intervention episode Number	146495	43815	M
Intervention 2 intervention in episode number	N	Intervention in episode Number	146495	43815	M
Intervention 2 episode start date	N	Intervention episode start date	146495	43815	M
Intervention 2 episode start time	N	Intervention episode start time	146495	31280	M
Intervention 2 episode end date	N	Intervention episode end date	146495	31280	M
Intervention 2 episode end time	N	Intervention episode end time	146495	31215	M
Intervention 2 begun pre-admit flag	C	Begun pre-admit flag	146495	200	M
Intervention 2 code	C	Intervention code	146495	33735	M
Intervention 2 status attribute	C	Intervention status code	146495	2610	M
Intervention 2 location attribute	C	Intervention location code	146495	11720	M
Intervention 2 extent attribute	C	Intervention extent code	146495	2495	M
Intervention 2 provider number	C	Provider unique identifier	146495	32085	M
Intervention 2 provider service	C	Provider service code	146495	34135	M
Intervention 2 tissue	C	Intervention tissue code	146495	0	O
Intervention 2 location	C	Intervention location code	146495	43510	M

Intervention 2 anaesthetist	C	Anaesthetist unique identifier	146495	21890	M
Intervention 2 anaesthetic technique	C	Anaesthetic technique code	146495	13615	M
Intervention 2 Out of hospital indicator	C	Out of hospital indicator	146495	325	M
Intervention 2 OOH institution number	C	OOH institution identifier	146495	325	M
Intervention 2 unplanned return to OR	C	Unplanned return to OR flag	146495	75	M
Intervention 2 episode duration	N	Intervention duration of episode	146495	430	Derived
Intervention 3 episode number	N	Intervention episode Number	146495	20505	M
Intervention 3 intervention in episode number	N	Intervention in episode Number	146495	20505	M
Intervention 3 episode start date	N	Intervention episode start date	146495	20505	M
Intervention 3 episode start time	N	Intervention episode start time	146495	12630	M
Intervention 3 episode end date	N	Intervention episode end date	146495	12580	M
Intervention 3 episode end time	N	Intervention episode end time	146495	12560	M
Intervention 3 begun pre-admit flag	C	Begun pre-admit flag	146495	280	M
Intervention 3 code	C	Intervention code	146495	20125	M
Intervention 3 status attribute	C	Intervention status code	146495	2555	M
Intervention 3 location attribute	C	Intervention location code	146495	6260	M
Intervention 3 extent attribute	C	Intervention extent code	146495	1080	M
Intervention 3 provider number	C	Provider unique identifier	146495	18770	M
Intervention 3 provider service	C	Provider service code	146495	20030	M

Intervention 3 tissue	C	Intervention tissue code	146495	0	O
Intervention 3 location	C	Intervention location code	146495	20320	M
Intervention 3 anaesthetist	C	Anaesthetist unique identifier	146495	10560	M
Intervention 3 anaesthetic technique	C	Anaesthetic technique code	146495	3600	M
Intervention 3 Out of hospital indicator	C	Out of hospital indicator	146495	125	M
Intervention 3 OOH institution number	C	OOH institution identifier	146495	125	M
Intervention 3 unplanned return to OR	C	Unplanned return to OR flag	146495	80	M
Intervention 3 episode duration	N	Intervention duration of episode	146495	370	Derived
Intervention 4 episode number	N	Intervention episode Number	146495	9745	M
Intervention 4 intervention in episode number	N	Intervention in episode Number	146495	9745	M
Intervention 4 episode start date	N	Intervention episode start date	146495	9745	M
Intervention 4 episode start time	N	Intervention episode start time	146495	5680	M
Intervention 4 episode end date	N	Intervention episode end date	146495	5635	M
Intervention 4 episode end time	N	Intervention episode end time	146495	5625	M
Intervention 4 begun pre-admit flag	C	Begun pre-admit flag	146495	230	M
Intervention 4 code	C	Intervention code	146495	7990	M
Intervention status attribute	C	Intervention status code	146495	895	M
Intervention 4 location attribute	C	Intervention location code	146495	2175	M
Intervention 4 extent attribute	C	Intervention extent code	146495	740	M

Intervention 4 provider number	C	Provider unique identifier	146495	7560	M
Intervention 4 provider service	C	Provider service code	146495	8150	M
Intervention 4 tissue	C	Intervention tissue code	146495	0	O
Intervention 4 location	C	Intervention location code	146495	8345	M
Intervention 4 anaesthetist	C	Anaesthetist unique identifier	146495	4320	M
Intervention 4 anaesthetic technique	C	Anaesthetic technique code	146495	2425	M
Intervention 4 Out of hospital indicator	C	Out of hospital indicator	146495	55	M
Intervention 4 OOH institution number	C	OOH institution identifier	146495	55	M
Intervention 4 unplanned return to OR	C	Unplanned return to OR flag	146495	35	M
Intervention 4 episode duration	N	Intervention duration of episode	146495	225	Derived
Intervention 5 episode number	N	Intervention episode Number	146495	5155	M
Intervention 5 intervention in episode number	N	Intervention in episode Number	146495	5155	M
Intervention 5 episode start date	N	Intervention episode start date	146495	5155	M
Intervention 5 episode start time	N	Intervention episode start time	146495	2800	M
Intervention 5 episode end date	N	Intervention episode end date	146495	2775	M
Intervention 5 episode end time	N	Intervention episode end time	146495	2770	M
Intervention 5 begun pre-admit flag	C	Begun pre-admit flag	146495	280	M
Intervention 5 code	C	Intervention code	146495	4975	M
Intervention 5 status attribute	C	Intervention status code	146495	1040	M

Intervention 5 location attribute	C	Intervention location code	146495	1730	M
Intervention 5 extent attribute	C	Intervention extent code	146495	435	M
Intervention 5 provider number	C	Provider unique identifier	146495	4535	M
Intervention 5 provider service	C	Provider service code	146495	4965	M
Intervention 5 tissue	C	Intervention tissue code	146495	0	O
Intervention 5 location	C	Intervention location code	146495	4065	M
Intervention 5 anaesthetist	C	Anaesthetist unique identifier	146495	1685	M
Intervention 5 anaesthetic technique	C	Anaesthetic technique code	146495	1815	M
Intervention 5 Out of hospital indicator	C	Out of hospital indicator	146495	25	M
Intervention 5 OOH institution number	C	OOH institution identifier	146495	25	M
Intervention 5 unplanned return to OR	C	Unplanned return to OR flag	146495	25	M
Intervention 5 episode duration	N	Intervention duration of episode	146495	290	Derived
Intervention 6 episode number	N	Intervention episode Number	146495	2300	M
Intervention 6 intervention in episode number	N	Intervention in episode Number	146495	2300	M
Intervention 6 episode start date	N	Intervention episode start date	146495	2305	M
Intervention 6 episode start time	N	Intervention episode start time	146495	1230	M
Intervention 6 episode end date	N	Intervention episode end date	146495	1230	M
Intervention 6 episode end time	N	Intervention episode end time	146495	1225	M

Intervention 6 begun pre-admit flag	C	Begun pre-admit flag	146495	45	M
Intervention 6 code	C	Intervention code	146495	1680	M
Intervention 6 status attribute	C	Intervention status code	146495	175	M
Intervention 6 location attribute	C	Intervention location code	146495	465	M
Intervention 6 extent attribute	C	Intervention extent code	146495	220	M
Intervention 6 provider number	C	Provider unique identifier	146495	1570	M
Intervention 6 provider service	C	Provider service code	146495	1765	M
Intervention 6 tissue	C	Intervention tissue code	146495	0	O
Intervention 6 location	C	Intervention location code	146495	1960	M
Intervention 6 anaesthetist	C	Anaesthetist unique identifier	146495	560	M
Intervention 6 anaesthetic technique	C	Anaesthetic technique code	146495	945	M
Intervention 6 Out of hospital indicator	C	Out of hospital indicator	146495	20	M
Intervention 6 OOH institution number	C	OOH institution identifier	146495	20	M
Intervention 6 unplanned return to OR	C	Unplanned return to OR flag	146495	10	M
Intervention 6 episode duration	N	Intervention duration of episode	146495	185	Derived
Intervention 7 episode number	N	Intervention episode Number	146495	1400	M
Intervention 7 intervention in episode number	N	Intervention in episode Number	146495	1400	M
Intervention 7 episode start date	N	Intervention episode start date	146495	1400	M
Intervention 7 episode start time	N	Intervention episode start time	146495	660	M

Intervention 7 episode end date	N	Intervention episode end date	146495	660	M
Intervention 7 episode end time	N	Intervention episode end time	146495	660	M
Intervention 7 begun pre-admit flag	C	Begun pre-admit flag	146495	90	M
Intervention 7 code	C	Intervention code	146495	1250	M
Intervention 7 status attribute	C	Intervention status code	146495	140	M
Intervention 7 location attribute	C	Intervention location code	146495	370	M
Intervention 7 extent attribute	C	Intervention extent code	146495	140	M
Intervention 7 provider number	C	Provider unique identifier	146495	1055	M
Intervention 7 provider service	C	Provider service code	146495	1250	M
Intervention 7 tissue	C	Intervention tissue code	146495	0	O
Intervention 7 location	C	Intervention location code	146495	1220	M
Intervention 7 anaesthetist	C	Anaesthetist unique identifier	146495	310	M
Intervention 7 anaesthetic technique	C	Anaesthetic technique code	146495	735	M
Intervention 7 Out of hospital indicator	C	Out of hospital indicator	146495	10	M
Intervention 7 OOH institution number	C	OOH institution identifier	146495	10	M
Intervention 7 unplanned return to OR	C	Unplanned return to OR flag	146495	10	M
Intervention 7 episode duration	N	Intervention duration of episode	146495	145	Derived
Intervention 8 episode number	N	Intervention episode Number	146495	765	M
Intervention 8 intervention in episode number	N	Intervention in episode Number	146495	765	M

Intervention 8 episode start date	N	Intervention episode start date	146495	765	M
Intervention 8 episode start time	N	Intervention episode start time	146495	360	M
Intervention 8 episode end date	N	Intervention episode end date	146495	355	M
Intervention 8 episode end time	N	Intervention episode end time	146495	355	M
Intervention 8 begun pre-admit flag	C	Begun pre-admit flag	146495	20	M
Intervention 8 code	C	Intervention code	146495	580	M
Intervention 8 status attribute	C	Intervention status code	146495	60	M
Intervention 8 location attribute	C	Intervention location code	146495	165	M
Intervention 8 extent attribute	C	Intervention extent code	146495	75	M
Intervention 8 provider number	C	Provider unique identifier	146495	520	M
Intervention 8 provider service	C	Provider service code	146495	625	M
Intervention 8 tissue	C	Intervention tissue code	146495	0	O
Intervention 8 location	C	Intervention location code	146495	700	M
Intervention 8 anaesthetist	C	Anaesthetist unique identifier	146495	120	M
Intervention 8 anaesthetic technique	C	Anaesthetic technique code	146495	405	M
Intervention 8 Out of hospital indicator	C	Out of hospital indicator	146495	5	M
Intervention 8 OOH institution number	C	OOH institution identifier	146495	5	M
Intervention 8 unplanned return to OR	C	Unplanned return to OR flag	146495	10	M
Intervention 8 episode duration	N	Intervention duration of episode	146495	80	Derived

Intervention 9 episode number	N	Intervention episode Number	146495	485	M
Intervention 9 intervention in episode number	N	Intervention in episode Number	146495	485	M
Intervention 9 episode start date	N	Intervention episode start date	146495	485	M
Intervention 9 episode start time	N	Intervention episode start time	146495	205	M
Intervention 9 episode end date	N	Intervention episode end date	146495	205	M
Intervention 9 episode end time	N	Intervention episode end time	146495	205	M
Intervention 9 begun pre-admit flag	C	Begun pre-admit flag	146495	25	M
Intervention 9 code	C	Intervention code	146495	445	M
Intervention status attribute	C	Intervention status code	146495	35	M
Intervention 9 location attribute	C	Intervention location code	146495	120	M
Intervention 9 extent attribute	C	Intervention extent code	146495	60	M
Intervention 9 provider number	C	Provider unique identifier	146495	360	M
Intervention 9 provider service	C	Provider service code	146495	445	M
Intervention 9 tissue	C	Intervention tissue code	146495	0	O
Intervention 9 location	C	Intervention location code	146495	440	M
Intervention 9 anaesthetist	C	Anaesthetist unique identifier	146495	100	M
Intervention 9 anaesthetic technique	C	Anaesthetic technique code	146495	270	M
Intervention 9 Out of hospital indicator	C	Out of hospital indicator	146495	0	M
Intervention 9 OOH institution number	C	OOH institution identifier	146495	0	M

Intervention 9 unplanned return to OR	C	Unplanned return to OR flag	146495	0	M
Intervention 9 episode duration	N	Intervention duration of episode	146495	50	Derived
Intervention 10 episode number	N	Intervention episode Number	146495	315	M
Intervention 10 intervention in episode number	N	Intervention in episode Number	146495	315	M
Intervention 10 episode start date	N	Intervention episode start date	146495	315	M
Intervention 10 episode start time	N	Intervention episode start time	146495	135	M
Intervention 10 episode end date	N	Intervention episode end date	146495	135	M
Intervention 10 episode end time	N	Intervention episode end time	146495	135	M
Intervention 10 begun pre-admit flag	C	Begun pre-admit flag	146495	10	M
Intervention 10 code	C	Intervention code	146495	245	M
Intervention 10 status attribute	C	Intervention status code	146495	20	M
Intervention 10 location attribute	C	Intervention location code	146495	65	M
Intervention 10 extent attribute	C	Intervention extent code	146495	25	M
Intervention 10 provider number	C	Provider unique identifier	146495	210	M
Intervention 10 provider service	C	Provider service code	146495	265	M
Intervention 10 tissue	C	Intervention tissue code	146495	0	O
Intervention 10 location	C	Intervention location code	146495	285	M
Intervention 10 anaesthetist	C	Anaesthetist unique identifier	146495	65	M

Intervention 10 anaesthetic technique	C	Anaesthetic technique code	146495	175	M
Intervention 10 Out of hospital indicator	C	Out of hospital indicator	146495	0	M
Intervention 10 OOH institution number	C	OOH institution identifier	146495	0	M
Intervention 10 unplanned return to OR	C	Unplanned return to OR flag	146495	0	M
Intervention 10 episode duration	N	Intervention duration of episode	146495	35	Derived
Intervention 11 episode number	N	Intervention episode Number	146495	215	M
Intervention 11 intervention in episode number	N	Intervention in episode Number	146495	215	M
Intervention 11 episode start date	N	Intervention episode start date	146495	215	M
Intervention 11 episode start time	N	Intervention episode start time	146495	90	M
Intervention 11 episode end date	N	Intervention episode end date	146495	90	M
Intervention 11 episode end time	N	Intervention episode end time	146495	90	M
Intervention 11 begun pre-admit flag	C	Begun pre-admit flag	146495	0	M
Intervention 11 code	C	Intervention code	146495	195	M
Intervention 11 status attribute	C	Intervention status code	146495	20	M
Intervention 11 location attribute	C	Intervention location code	146495	45	M
Intervention 11 extent attribute	C	Intervention extent code	146495	20	M
Intervention 11 provider number	C	Provider unique identifier	146495	155	M
Intervention 11 provider service	C	Provider service code	146495	195	M

Intervention 11 tissue	C	Intervention tissue code	146495	0	O
Intervention 11 location	C	Intervention location code	146495	190	M
Intervention 11 anaesthetist	C	Anaesthetist unique identifier	146495	50	M
Intervention 11 anaesthetic technique	C	Anaesthetic technique code	146495	140	M
Intervention 11 Out of hospital indicator	C	Out of hospital indicator	146495	0	M
Intervention 11 OOH institution number	C	OOH institution identifier	146495	0	M
Intervention 11 unplanned return to OR	C	Unplanned return to OR flag	146495	0	M
Intervention 11 episode duration	N	Intervention duration of episode	146495	45	Derived
Intervention 12 episode number	N	Intervention episode Number	146495	150	M
Intervention 12 intervention in episode number	N	Intervention in episode Number	146495	150	M
Intervention 12 episode start date	N	Intervention episode start date	146495	150	M
Intervention 12 episode start time	N	Intervention episode start time	146495	70	M
Intervention 12 episode end date	N	Intervention episode end date	146495	70	M
Intervention 12 episode end time	N	Intervention episode end time	146495	70	M
Intervention 12 begun pre-admit flag	C	Begun pre-admit flag	146495	0	M
Intervention 12 code	C	Intervention code	146495	120	M
Intervention 12 status attribute	C	Intervention status code	146495	5	M
Intervention 12 location attribute	C	Intervention location code	146495	30	M

Intervention 12 extent attribute	C	Intervention extent code	146495	15	M
Intervention 12 provider number	C	Provider unique identifier	146495	105	M
Intervention 12 provider service	C	Provider service code	146495	130	M
Intervention 12 tissue	C	Intervention tissue code	146495	0	O
Intervention 12 location	C	Intervention location code	146495	140	M
Intervention 12 anaesthetist	C	Anaesthetist unique identifier	146495	30	M
Intervention 12 anaesthetic technique	C	Anaesthetic technique code	146495	95	M
Intervention 12 Out of hospital indicator	C	Out of hospital indicator	146495	0	M
Intervention 12 OOH institution number	C	OOH institution identifier	146495	0	M
Intervention 12 unplanned return to OR	C	Unplanned return to OR flag	146495	0	M
Intervention 12 episode duration	N	Intervention duration of episode	146495	25	Derived
Intervention 13 episode number	N	Intervention episode Number	146495	95	M
Intervention 13 intervention in episode number	N	Intervention in episode Number	146495	95	M
Intervention 13 episode start date	N	Intervention episode start date	146495	95	M
Intervention 13 episode start time	N	Intervention episode start time	146495	40	M
Intervention 13 episode end date	N	Intervention episode end date	146495	40	M
Intervention 13 episode end time	N	Intervention episode end time	146495	40	M
Intervention 13 begun pre-admit flag	C	Begun pre-admit flag	146495	0	M

Intervention 13 code	C	Intervention code	146495	85	M
Intervention 13 status attribute	C	Intervention status code	146495	10	M
Intervention 13 location attribute	C	Intervention location code	146495	25	M
Intervention 13 extent attribute	C	Intervention extent code	146495	10	M
Intervention 13 provider number	C	Provider unique identifier	146495	65	M
Intervention 13 provider service	C	Provider service code	146495	80	M
Intervention 13 tissue	C	Intervention tissue code	146495	0	O
Intervention 13 location	C	Intervention location code	146495	85	M
Intervention 13 anaesthetist	C	Anaesthetist unique identifier	146495	25	M
Intervention 13 anaesthetic technique	C	Anaesthetic technique code	146495	60	M
Intervention 13 Out of hospital indicator	C	Out of hospital indicator	146495	0	M
Intervention 13 OOH institution number	C	OOH institution identifier	146495	0	M
Intervention 13 unplanned return to OR	C	Unplanned return to OR flag	146495	0	M
Intervention 13 episode duration	N	Intervention duration of episode	146495	15	Derived
Intervention 14 episode number	N	Intervention episode Number	146495	65	M
Intervention 14 intervention in episode number	N	Intervention in episode Number	146495	65	M
Intervention 14 episode start date	N	Intervention episode start date	146495	65	M
Intervention 14 episode start time	N	Intervention episode start time	146495	30	M

Intervention 14 episode end date	N	Intervention episode end date	146495	30	M
Intervention 14 episode end time	N	Intervention episode end time	146495	30	M
Intervention 14 begun pre-admit flag	C	Begun pre-admit flag	146495	0	M
Intervention 14 code	C	Intervention code	146495	60	M
Intervention 14 status attribute	C	Intervention status code	146495	5	M
Intervention 14 location attribute	C	Intervention location code	146495	10	M
Intervention 14 extent attribute	C	Intervention extent code	146495	0	M
Intervention 14 provider number	C	Provider unique identifier	146495	45	M
Intervention 14 provider service	C	Provider service code	146495	60	M
Intervention 14 tissue	C	Intervention tissue code	146495	0	O
Intervention 14 location	C	Intervention location code	146495	65	M
Intervention 14 anaesthetist	C	Anaesthetist unique identifier	146495	15	M
Intervention 14 anaesthetic technique	C	Anaesthetic technique code	146495	40	M
Intervention 14 Out of hospital indicator	C	Out of hospital indicator	146495	0	M
Intervention 14 OOH institution number	C	OOH institution identifier	146495	0	M
Intervention 14 unplanned return to OR	C	Unplanned return to OR flag	146495	0	M
Intervention 14 episode duration	N	Intervention duration of episode	146495	10	Derived
Intervention 15 episode number	N	Intervention episode Number	146495	50	M

Intervention 15 intervention in episode number	N	Intervention in episode Number	146495	50	M
Intervention 15 episode start date	N	Intervention episode start date	146495	50	M
Intervention 15 episode start time	N	Intervention episode start time	146495	25	M
Intervention 15 episode end date	N	Intervention episode end date	146495	25	M
Intervention 15 episode end time	N	Intervention episode end time	146495	25	M
Intervention 15 begun pre-admit flag	C	Begun pre-admit flag	146495	0	M
Intervention 15 code	C	Intervention code	146495	45	M
Intervention 15 status attribute	C	Intervention status code	146495	0	M
Intervention 15 location attribute	C	Intervention location code	146495	10	M
Intervention 15 extent attribute	C	Intervention extent code	146495	5	M
Intervention 15 provider number	C	Provider unique identifier	146495	30	M
Intervention 15 provider service	C	Provider service code	146495	45	M
Intervention 15 tissue	C	Intervention tissue code	146495	0	O
Intervention 15 location	C	Intervention location code	146495	45	M
Intervention 15 anaesthetist	C	Anaesthetist unique identifier	146495	15	M
Intervention 15 anaesthetic technique	C	Anaesthetic technique code	146495	35	M
Intervention 15 Out of hospital indicator	C	Out of hospital indicator	146495	0	M
Intervention 15 OOH institution number	C	OOH institution identifier	146495	0	M

Intervention 15 unplanned return to OR	C	Unplanned return to OR flag	146495	0	M
Intervention 15 episode duration	N	Intervention duration of episode	146495	10	Derived
Intervention 16 episode number	N	Intervention episode Number	146495	35	M
Intervention 16 intervention in episode number	N	Intervention in episode Number	146495	35	M
Intervention 16 episode start date	N	Intervention episode start date	146495	35	M
Intervention 16 episode start time	N	Intervention episode start time	146495	15	M
Intervention 16 episode end date	N	Intervention episode end date	146495	15	M
Intervention 16 episode end time	N	Intervention episode end time	146495	15	M
Intervention 16 begun pre-admit flag	C	Begun pre-admit flag	146495	0	M
Intervention 16 code	C	Intervention code	146495	30	M
Intervention 16 status attribute	C	Intervention status code	146495	0	M
Intervention 16 location attribute	C	Intervention location code	146495	5	M
Intervention 16 extent attribute	C	Intervention extent code	146495	0	M
Intervention 16 provider number	C	Provider unique identifier	146495	20	M
Intervention 16 provider service	C	Provider service code	146495	35	M
Intervention 16 tissue	C	Intervention tissue code	146495	0	O
Intervention 16 location	C	Intervention location code	146495	35	M
Intervention 16 anaesthetist	C	Anaesthetist unique identifier	146495	10	M

Intervention 16 anaesthetic technique	C	Anaesthetic technique code	146495	30	M
Intervention 16 Out of hospital indicator	C	Out of hospital indicator	146495	0	M
Intervention 16 OOH institution number	C	OOH institution identifier	146495	0	M
Intervention 16 unplanned return to OR	C	Unplanned return to OR flag	146495	0	M
Intervention 16 episode duration	N	Intervention duration of episode	146495	10	Derived
Intervention 17 episode number	N	Intervention episode Number	146495	25	M
Intervention 17 intervention in episode number	N	Intervention in episode Number	146495	25	M
Intervention 17 episode start date	N	Intervention episode start date	146495	25	M
Intervention 17 episode start time	N	Intervention episode start time	146495	10	M
Intervention 17 episode end date	N	Intervention episode end date	146495	10	M
Intervention 17 episode end time	N	Intervention episode end time	146495	10	M
Intervention 17 begun pre-admit flag	C	Begun pre-admit flag	146495	0	M
Intervention 17 code	C	Intervention code	146495	20	M
Intervention status attribute	C	Intervention status code	146495	0	M
Intervention 17 location attribute	C	Intervention location code	146495	5	M
Intervention 17 extent attribute	C	Intervention extent code	146495	0	M
Intervention 17 provider number	C	Provider unique identifier	146495	10	M
Intervention 17 provider service	C	Provider service code	146495	25	M

Intervention 17 tissue	C	Intervention tissue code	146495	0	O
Intervention 17 location	C	Intervention location code	146495	25	M
Intervention 17 anaesthetist	C	Anaesthetist unique identifier	146495	0	M
Intervention 17 anaesthetic technique	C	Anaesthetic technique code	146495	20	M
Intervention Out of hospital indicator	C	Out of hospital indicator	146495	0	M
Intervention 17 OOH institution number	C	OOH institution identifier	146495	0	M
Intervention 17 unplanned return to OR	C	Unplanned return to OR flag	146495	0	M
Intervention 17 episode duration	N	Intervention duration of episode	146495	0	Derived
Intervention 18 episode number	N	Intervention episode Number	146495	20	M
Intervention 18 intervention in episode number	N	Intervention in episode Number	146495	20	M
Intervention 18 episode start date	N	Intervention episode start date	146495	20	M
Intervention 18 episode start time	N	Intervention episode start time	146495	10	M
Intervention 18 episode end date	N	Intervention episode end date	146495	10	M
Intervention 18 episode end time	N	Intervention episode end time	146495	10	M
Intervention 18 begun pre-admit flag	C	Begun pre-admit flag	146495	0	M
Intervention 18 code	C	Intervention code	146495	15	M
Intervention 18 status attribute	C	Intervention status code	146495	0	M
Intervention 18 location attribute	C	Intervention location code	146495	0	M

Intervention 18 extent attribute	C	Intervention extent code	146495	0	M
Intervention 18 provider number	C	Provider unique identifier	146495	10	M
Intervention 18 provider service	C	Provider service code	146495	20	M
Intervention 18 tissue	C	Intervention tissue code	146495	0	O
Intervention 18 location	C	Intervention location code	146495	20	M
Intervention 18 anaesthetist	C	Anaesthetist unique identifier	146495	5	M
Intervention 18 anaesthetic technique	C	Anaesthetic technique code	146495	10	M
Intervention 18 Out of hospital indicator	C	Out of hospital indicator	146495	0	M
Intervention 18 OOH institution number	C	OOH institution identifier	146495	0	M
Intervention 18 unplanned return to OR	C	Unplanned return to OR flag	146495	0	M
Intervention 18 episode duration	N	Intervention duration of episode	146495	0	Derived
Intervention 19 episode number	N	Intervention episode Number	146495	15	M
Intervention 19 intervention in episode number	N	Intervention in episode Number	146495	15	M
Intervention 19 episode start date	N	Intervention episode start date	146495	15	M
Intervention 19 episode start time	N	Intervention episode start time	146495	10	M
Intervention 19 episode end date	N	Intervention episode end date	146495	10	M
Intervention 19 episode end time	N	Intervention episode end time	146495	10	M
Intervention 19 begun pre-admit flag	C	Begun pre-admit flag	146495	0	M

Intervention 19 code	C	Intervention code	146495	15	M
Intervention 19 status attribute	C	Intervention status code	146495	0	M
Intervention 19 location attribute	C	Intervention location code	146495	0	M
Intervention 19 extent attribute	C	Intervention extent code	146495	0	M
Intervention 19 provider number	C	Provider unique identifier	146495	5	M
Intervention 19 provider service	C	Provider service code	146495	15	M
Intervention 19 tissue	C	Intervention tissue code	146495	0	O
Intervention 19 location	C	Intervention location code	146495	15	M
Intervention 19 anaesthetist	C	Anaesthetist unique identifier	146495	5	M
Intervention 19 anaesthetic technique	C	Anaesthetic technique code	146495	10	M
Intervention 19 Out of hospital indicator	C	Out of hospital indicator	146495	0	M
Intervention 19 OOH institution number	C	OOH institution identifier	146495	0	M
Intervention 19 unplanned return to OR	C	Unplanned return to OR flag	146495	0	M
Intervention 19 episode duration	N	Intervention duration of episode	146495	0	Derived
Intervention 20 episode number	N	Intervention episode Number	146495	15	M
Intervention 20 intervention in episode number	N	Intervention in episode Number	146495	15	M
Intervention 20 episode start date	N	Intervention episode start date	146495	15	M
Intervention 20 episode start time	N	Intervention episode start time	146495	5	M

Intervention 20 episode end date	N	Intervention episode end date	146495	5	M
Intervention 20 episode end time	N	Intervention episode end time	146495	5	M
Intervention 20 begun pre-admit flag	C	Begun pre-admit flag	146495	0	M
Intervention 20 code	C	Intervention code	146495	10	M
Intervention 20 status attribute	C	Intervention status code	146495	0	M
Intervention 20 location attribute	C	Intervention location code	146495	0	M
Intervention 20 extent attribute	C	Intervention extent code	146495	0	M
Intervention 20 provider number	C	Provider unique identifier	146495	10	M
Intervention 20 provider service	C	Provider service code	146495	15	M
Intervention 20 tissue	C	Intervention tissue code	146495	0	O
Intervention 20 location	C	Intervention location code	146495	15	M
Intervention 20 anaesthetist	C	Anaesthetist unique identifier	146495	5	M
Intervention 20 anaesthetic technique	C	Anaesthetic technique code	146495	10	M
Intervention 20 Out of hospital indicator	C	Out of hospital indicator	146495	0	M
Intervention 20 OOH institution number	C	OOH institution identifier	146495	0	M
Intervention 20 unplanned return to OR	C	Unplanned return to OR flag	146495	0	M
Intervention 20 episode duration	N	Intervention duration of episode	146495	0	Derived

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Died during Intervention

Code which indicates the patient died/expired during the performance of services (interventions) while in an intervention location.

Intervention 1 episode number

Episode number. This field is right-justified and the first character should be pad with '0' if only 1 character long.

Intervention 1 intervention in episode number

Sequence of the intervention within the episode. This field is right-justified and the first character should be pad with '0' if only 1 character long.

Intervention 1 episode start date

The date (YYYYMMDD) on which the intervention episode was begun. May be blank.

Code	Description
99990101	Invalid date
99990901	Date unknown

Intervention 1 episode start time

Time (hhmm) at which the intervention episode was begun. Valid values are 0000 – 2359.

Code	Description
9999	Unknown
ZZZZ	Invalid value

Intervention 1 episode end date

Date (YYYYMMDD) on which the intervention episode was ended. May be blank.

Code	Description
99990101	Invalid date
99990901	Date unknown

Intervention 1 episode end time

Time (hhmm) at which the intervention episode was ended. Values 0000 – 2359.

Code	Description
9999	Unknown
ZZZZ	Invalid value

Intervention 1 begun pre-admit flag

Flag to indicate if the intervention was started prior to admission.

Intervention 1 code

Code which identifies an intervention that was performed during the patient's hospital/institution stay. Must be a valid CCI (Canadian Classification of Health Interventions) code.

Intervention 1 status attribute

Code which indicates circumstances under which the intervention was performed (e.g. revision, abandoned after onset, delayed, staged, initial, and routine). Must be valid code according to the CCI/status validation tables.

Intervention 1 location attribute

Code which denotes details about the anatomical site (e.g. right, left). Must be valid code according to the CCI/extent validation tables.

Intervention 1 extent attribute

Code which denotes quantitative information about the intervention (e.g. number of teeth, length of laceration repaired in centimeters). Must be valid code according to the CCI/extent validation tables.

Intervention 1 provider number

Scrambled facility assigned number of the principal provider associated with the intervention performed.
When extracting project datasets, NB-IRDT scrambles the scrambled provider numbers into project-specific unique random numbers.

Intervention 1 provider service

A number used to identify the principal service associated with the intervention provider.

Intervention 1 tissue

A code which identifies the related findings of the Pathologist.

Code	Description
0	Tissue removed, report not required or not available.
1	Pre-operative and pathology diagnoses agree, diseased tissue identified

2	Pre-operative and pathology diagnoses agree, no diseased tissue identified.
3	Pre-operative and pathology diagnoses disagree, diseased tissue identified.
4	Pre-operative and pathology diagnoses disagree, no diseased tissue identified.
5-9	Facility defined Tissue Code.
Blank	Not recorded.

Intervention 1 location

Code denoting the location where the intervention was performed. The following are the valid values for all provinces/territories with the exception of Ontario.

Code	Description
01	Main Operating Room
02	Endoscopic Room (inc.GI unit)
03	Nursing Unit
04	Outpatient Department
05	Therapeutic Abortion Unit
06	DI Department
07	Emergency Department
08	Cardiac Catheter Room
09	Ambulatory Care
10	Obstetrics Case Room/Delivery Room/OR
11	Other (includes Lithotripsy, ECT, etc.)

Intervention 1 anaesthetic technique

A code which indicates the anaesthetic technique. It cannot be blank if an intervention date is coded.

Code	Description
0	OOH procedure
1	General
2	Spinal
3	Epidural
4	Combined general and neuraxial (epidural or spinal)
5	Other nerve block (including regional peripheral anaesthesia)
6	Monitored anaesthesia care (monitoring by an anaesthetist giving sedation or analgesia, with or without local anaesthesia)
7	Local anaesthesia (no anaesthetist present)
8	No anaesthetic
9	Unmonitored anaesthesia

Intervention 1 out of hospital indicator

Denotes an intervention that was performed in another facility during the patient's hospitalization. Y = Out of hospital intervention.

Intervention 1 OOH institution number

Unique facility number where out-of-hospital intervention was performed.

Intervention 1 unplanned return to OR

Y indicates patient returned to the operation/intervention room for a subsequent intervention during the current hospitalization.

Intervention 1 episode duration

Length of time, in minutes, that it took to perform the episode. May be blank or numeric. -1 = invalid.

Intervention 2 episode number

See details for Intervention 1 episode number.

Intervention 2 intervention in episode number

See details for Intervention 1 intervention in episode number

Intervention 2 episode start date

See details for Intervention 1 episode start date.

Intervention 2 episode start time

See details for Intervention 1 episode start time.

Intervention 2 episode end date

See details for Intervention 1 episode end date.

Intervention 2 episode end time

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Intervention 2 begun pre-admit flag

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Intervention 2 code.

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Intervention 2 status attribute

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Intervention 2 location attribute

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Intervention 2 extent attribute

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Intervention 2 provider number

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Intervention 2 provider service

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Intervention 2 location

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Intervention 2 anaesthetist

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Intervention 2 anaesthetic technique

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Intervention 2 out of hospital indicator

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Intervention 2 OOH institution number

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Intervention 2 unplanned return to OR

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Intervention 2 episode duration

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Intervention 3 episode number

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Intervention 3 code.

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Intervention 3 status attribute

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Intervention 3 OOH institution number

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Intervention 3 unplanned return to OR

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Intervention 3 episode duration

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Intervention 4 episode number

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Intervention 4 begun pre-admit flag

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Intervention 4 code.

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Intervention 4 location

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Intervention 4 out of hospital indicator

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Intervention 4 OOH institution number

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Intervention 4 unplanned return to OR

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Intervention 4 episode duration

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Intervention 5 code.

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Intervention 5 status attribute

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Intervention 5 OOH institution number

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Intervention 5 unplanned return to OR

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Intervention 5 episode duration

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Intervention 6 code.

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Intervention 6 location

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Intervention 6 anaesthetic technique

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Intervention 6 unplanned return to OR

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Intervention 6 episode duration

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Intervention 7 episode duration

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Intervention 8 episode duration

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Intervention 10 OOH institution number

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Intervention 10 unplanned return to OR

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Intervention 10 episode duration

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Intervention 11 episode number

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Intervention 11 episode duration

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Intervention 13 episode duration

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Intervention 15 episode duration

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Intervention 16 episode duration

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Intervention 17 OOH institution number

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Intervention 17 unplanned return to OR

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Intervention 17 episode duration

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Intervention 18 out of hospital indicator

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Intervention 18 OOH institution number

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Intervention 18 unplanned return to OR

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Intervention 18 episode duration

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Intervention 19 out of hospital indicator

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Intervention 19 OOH institution number

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Intervention 19 unplanned return to OR

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Intervention 19 episode duration

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Intervention 20 begun pre-admit flag

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Intervention 20 code.

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Intervention 20 status attribute

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Intervention 20 location

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Intervention 20 anaesthetist

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Intervention 20 anaesthetic technique

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Intervention 20 out of hospital indicator

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Intervention 20 OOH institution number

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Intervention 20 unplanned return to OR

See details for Intervention 1 unplanned return to OR

Intervention 20 episode duration

Length of time, in minutes, that it took to perform the episode.

12.Project Information

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Project 1 Number	N	For additional information about patient	146495	10825	M
Project 1 field 1	N or C	For additional information related to project number	146495	10700	M
Project 1 field 2	N or C	For additional information related to project number	146495	2010	M
Project 1 field 3	N or C	For additional information related to project number	146495	1895	M
Project 1 field 4	N or C	For additional information related to project number	146495	815	M
Project 1 field 5	N or C	For additional information related to project number	146495	790	M
Project 1 field 6	N or C	For additional information related to project number	146495	790	M
Project 1 field 7	N or C	For additional information related to project number	146495	820	M
Project 1 field 8	N or C	For additional information related to project number	146495	540	M
Project 1 field 9	N or C	For additional information related to project number	146495	825	M
Project 1 field 10	N or C	For additional information related to project number	146495	405	M
Project 1 field 11	N or C	For additional information related to project number	146495	395	M

Project 1 field 12	N or C	For additional information related to project number	146495	1485	M
Project 1 field 13	N or C	For additional information related to project number	146495	1610	M
Project 1 field 14	N or C	For additional information related to project number	146495	1670	M
Project 1 field 15	N or C	For additional information related to project number	146495	1660	M
Project 1 field 16	N or C	For additional information related to project number	146495	1645	M
Project 1 field 17	N or C	For additional information related to project number	146495	1575	M
Project 2 number	N	For additional information about patient	146495	925	M
Project 2 field 1	N or C	For additional information related to project number	146495	900	M
Project 2 field 2	N or C	For additional information related to project number	146495	500	M
Project 2 field 3	N or C	For additional information related to project number	146495	120	M
Project 2 field 4	N or C	For additional information related to project number	146495	25	M
Project 2 field 5	N or C	For additional information related to project number	146495	25	M
Project 2 field 6	N or C	For additional information related to project number	146495	20	M

Project 2 field 7	N or C	For additional information related to project number	146495	45	M	
Project 2 field 8	N or C	For additional information related to project number	146495	25	M	
Project 2 field 9	N or C	For additional information related to project number	146495	25	M	
Project 2 field 10	N or C	For additional information related to project number	146495	20	M	
Project 2 field 11	N or C	For additional information related to project number	146495	5	M	
Project 2 field 12	N or C	For additional information related to project number	146495	10	M	
Project 2 field 13	N or C	For additional information related to project number	146495	15	M	
Project 2 field 14	N or C	For additional information related to project number	146495	15	M	
Project 2 field 15	N or C	For additional information related to project number	146495	15	M	
Project 2 field 16	N or C	For additional information related to project number	146495	15	M	
Project 2 field 17	N or C	For additional information related to project number	146495	25	M	
Project 3 number	N	For additional information about patient	146495	90	M	
Project 3 field 1	N or C	For additional information related to project number	146495	90	M	

Project 3 field 2	N or C	For additional information related to project number	146495	30	M
Project 3 field 3	N or C	For additional information related to project number	146495	15	M
Project 3 field 4	N or C	For additional information related to project number	146495	0	M
Project 3 field 5	N or C	For additional information related to project number	146495	0	M
Project 3 field 6	N or C	For additional information related to project number	146495	0	M
Project 3 field 7	N or C	For additional information related to project number	146495	0	M
Project 3 field 8	N or C	For additional information related to project number	146495	0	M
Project 3 field 9	N or C	For additional information related to project number	146495	0	M
Project 3 field 10	N or C	For additional information related to project number	146495	0	M
Project 3 field 11	N or C	For additional information related to project number	146495	0	M
Project 3 field 12	N or C	For additional information related to project number	146495	0	M
Project 3 field 13	N or C	For additional information related to project number	146495	0	M
Project 3 field 14	N or C	For additional information related to project number	146495	5	M

Project 3 field 15	N or C	For additional information related to project number	146495	0	M
Project 3 field 16	N or C	For additional information related to project number	146495	5	M
Project 3 field 17	N or C	For additional information related to project number	146495	0	M
Project 4 number	N	For additional information about patient	146495	15	M
Project 4 field 1	N or C	For additional information related to project number	146495	10	M
Project 4 field 2	N or C	For additional information related to project number	146495	0	M
Project field 3	N or C	For additional information related to project number	146495	0	M
Project 4 field 4	N or C	For additional information related to project number	146495	0	M
Project 4 field 5	N or C	For additional information related to project number	146495	0	M
Project 4 field 6	N or C	For additional information related to project number	146495	0	M
Project 4 field 7	N or C	For additional information related to project number	146495	0	M
Project 4 field 8	N or C	For additional information related to project number	146495	0	M
Project 4 field 9	N or C	For additional information related to project number	146495	0	M

Project 4 field 10	N or C	For additional information related to project number	146495	0	M
Project 4 field 11	N or C	For additional information related to project number	146495	0	M
Project 4 field 12	N or C	For additional information related to project number	146495	0	M
Project 4 field 13	N or C	For additional information related to project number	146495	0	M
Project 4 field 14	N or C	For additional information related to project number	146495	0	M
Project 4 field 15	N or C	For additional information related to project number	146495	0	M
Project 4 field 16	N or C	For additional information related to project number	146495	0	M
Project 4 field 17	N or C	For additional information related to project number	146495	0	M
Project 5 number	N	For additional information about patient	146495	0	M
Project 5 field 1	N or C	For additional information related to project number	146495	0	M
Project 5 field 2	N or C	For additional information related to project number	146495	0	M
Project 5 field 3	N or C	For additional information related to project number	146495	0	M
Project 5 field 4	N or C	For additional information related to project number	146495	0	M

Project 5 field 5	N or C	For additional information related to project number	146495	0	M
Project 5 field 6	N or C	For additional information related to project number	146495	0	M
Project 5 field 7	N or C	For additional information related to project number	146495	0	M
Project 5 field 8	N or C	For additional information related to project number	146495	0	M
Project 5 field 9	N or C	For additional information related to project number	146495	0	M
Project 5 field 10	N or C	For additional information related to project number	146495	0	M
Project 5 field 11	N or C	For additional information related to project number	146495	0	M
Project 5 field 12	N or C	For additional information related to project number	146495	0	M
Project 5 field 13	N or C	For additional information related to project number	146495	0	M
Project 5 field 14	N or C	For additional information related to project number	146495	0	M
Project 5 field 15	N or C	For additional information related to project number	146495	0	M
Project 5 field 16	N or C	For additional information related to project number	146495	0	M
Project 5 field 17	N or C	For additional information related to project number	146495	0	M

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Project 1 Number

A facility-assigned or a reserved CIHI-assigned project number which is used to record additional information about the patient, required to meet information needs of CIHI, the provinces/territories and/or health care facilities. This area is generally used for medical or research assessments.

CIHI currently has four projects: 1/Project 150—Wait Times (Optional), 2/ Project 202—Organ Harvesting for Organ Transplants (Mandatory for ON), 3/ Project 224—Acute Myocardial Infarction (AMI) Data Collection (Optional), 4/ Project 340—Canadian Stroke Strategy Performance Improvement (mandatory in NS).

Project 1 field 1

A field available to collect additional information related to the Project Number. Blank = No Information Recorded.

Project 1 field 2

A field available to collect additional information related to the Project Number. Blank = No Information Recorded.

Project 1 field 3

A field available to collect additional information related to the Project Number. Blank = No Information Recorded.

Project 1 field 4

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 5

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 6

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 7

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 8

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 9

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 10

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 11

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 12

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 13

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 14

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 15

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 16

A field available to collect additional information related to the Project Number. Blank = No Information Recorded

Project 1 field 17

A field available to collect additional information related to the Project Number. Blank = No Information Recorded.

Project 2 number

See Details for Project 1 - number

Project 2 field 1

See Details for Project 1 - field 1

Project 2 field 2

See Details for Project 1 - field 2

Project 2 field 3

See Details for Project 1 - field 3

Project 2 field 4

See Details for Project 1 - field 4

Project 2 field 5

See Details for Project 1 - field 5

Project 2 field 6

See Details for Project 1 - field 6

Project 2 field 7

See Details for Project 1 - field 7

Project 2 field 8

See Details for Project 1 - field 8

Project 2 field 9

See Details for Project 1 - field 9

Project 2 field 10

See Details for Project 1 - field 10

Project 2 field 11

See Details for Project 1 - field 11

Project 2 field 12

See Details for Project 1 - field 12

Project 2 field 13

See Details for Project 1 - field 13

Project 2 field 14

See Details for Project 1 - field 14

Project 2 field 15

See Details for Project 1 - field 15

Project 2 field 16

See Details for Project 1 - field 16

Project 2 field 17

See Details for Project 1 - field 17

Project 3 number

See Details for Project 1 – number

Project 3 field 1

See Details for Project 1 - field 1

Project 3 field 2

See Details for Project 1 - field 2

Project 3 field 3

See Details for Project 1 - field 3

Project 3 field 4

See Details for Project 1 - field 4

Project 3 field 5

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Project 3 field 6

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Project 3 field 7

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Project 3 field 8

See Details for Project 1 - field 8

Project 3 field 9

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Project 3 field 10

See Details for Project 1 - field 10

Project 3 field 11

See Details for Project 1 - field 11

Project 3 field 12

See Details for Project 1 - field 12

Project 3 field 13

See Details for Project 1 - field 13

Project 3 field 14

See Details for Project 1 - field 14

Project 3 field 15

See Details for Project 1 - field 15

Project 3 field 16

See Details for Project 1 - field 16

Project 3 field 17

See Details for Project 1 - field 17

Project 4 number

See Details for Project 1 – number

Project 4 field 1

See Details for Project 1 - field 1

Project 4 field 2

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Project field 3

See Details for Project 1 - field 3

Project 4 field 4

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Project 4 field 5

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Project 4 field 6

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Project 4 field 7

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Project 4 field 8

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Project 4 field 9

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Project 4 field 10

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Project 4 field 11

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Project 4 field 12

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Project 4 field 13

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Project 4 field 14

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Project 4 field 15

See Details for Project 1 - field 15

Project 4 field 16

See Details for Project 1 - field 16

Project 4 field 17

See Details for Project 1 - field 17

Project 5 number

See Details for Project 1 – number

Project 5 field 1

See Details for Project 1 - field 1

Project 5 field 2

See Details for Project 1 - field 2

Project 5 field 3

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Project 5 field 4

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Project 5 field 9

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Project 5 field 10

See Details for Project 1 - field 10

Project 5 field 11

See Details for Project 1 - field 11

Project 5 field 12

See Details for Project 1 - field 12

Project 5 field 13

See Details for Project 1 - field 13

Project 5 field 14

See Details for Project 1 - field 14

Project 5 field 15

See Details for Project 1 - field 15

Project 5 field 16

See Details for Project 1 - field 16

Project 5 field 17

See Details for Project 1 - field 17

13. Reproductive Care Information

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Previous term deliveries	N	Number of previous term deliveries	146495	1160	M
Previous pre-term deliveries	N	Number of previous pre-term deliveries	146495	1160	M
Previous spontaneous abortions	N	Number of previous spontaneous abortions	146495	1160	M
Previous therapeutic abortions	N	Number of previous therapeutic abortions	146495	1160	M
Previous live births	N	Number of previous live births	146495	685	M
Clinical gestation weeks at admission	N	Weeks of gestation at admission	146495	15865	M
Delivery time	N	Time of delivery	146495	7110	M
Date of last menses	N	Date of last menses	146495	0	M
Breastfeeding indicator	C	Breastfeeding code	146495	980	M
Clinical gestation weeks at delivery	N	Weeks of gestation at delivery	146495	15865	Derived
Clinical gestation weeks at discharge	N	Weeks of gestation at discharge	146495	15865	M
Pre-delivery days	N	Number of pre-delivery days	146495	7115	Derived

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Discharge Abstract Database Reference Guide

Previous term deliveries

Number of previous full-term deliveries, meaning 37 to 41 completed weeks of pregnancy. Valid values are 00 – 20. 99 indicates not available.

Refer to the DAD Abstracting Manual for the list of provinces/territories where this data element is mandatory.

Previous pre-term deliveries

Number of previous pre-term deliveries. (Values 00-20) (99- not available). Refer to the DAD Abstracting Manual for the list of provinces/territories where this data element is mandatory.

Previous spontaneous abortions

Number of previous spontaneous abortions. (Values 00 – 20, 99 = not available). Refer to the DAD Abstracting Manual for the list of provinces/territories where this data element is mandatory.

Previous therapeutic abortions

Number of previous therapeutic abortions. (Values 00 – 20, 99 = not available). Refer to the DAD Abstracting Manual for the list of provinces/territories where this data element is mandatory.

Previous live births

Number of previous live births. (Values 00 – 20, 99 = not available)

Clinical gestation weeks at admission

The duration of pregnancy from the first day of the last normal menstrual period to the day of admission, expressed in completed weeks.

Mandatory for OBS delivered cases (01 – 45, 99 = not available). Mandatory for OBS undelivered cases (01- 45, 99 = not available). Mandatory for TA cases in specific provinces (01 – 45, 99 = not available). Set to 98 (not applicable) for newborns and neonates.

Delivery time

The time (hhmm) the baby was delivered as recorded on the mother's abstract. Valid values are 0000-2359. Mandatory for OBS cases in all Provinces/Territories except Quebec and British Columbia.

Date of last menses

Date (YYYYMMDD) of the last known menstrual period provided by the patient to the health care provider. Mandatory for TA cases if clinical gestation = 99.

Breastfeeding indicator

Indicates whether a mother was breastfeeding her infant at the time of discharge from the facility.

Clinical gestation weeks at delivery

The duration of pregnancy from the first day of the last normal menstrual period to the day of delivery, expressed in completed weeks.
Mandatory for OBS delivered cases (01 – 45, 97 = could not be calculated). Mandatory for newborn and neonate cases (01 – 45, 99 = not available). Set to 98 (not applicable) for OBS undelivered and TA cases.

Clinical gestation weeks at discharge

The duration of pregnancy from the first day of the last normal menstrual period to the day of discharge, expressed in completed weeks. Mandatory for OBS undelivered cases (01 - 45 or 97 - could not be calculated). Set to 98 (not applicable) for OBS delivered, TA, newborns and neonates.

Pre-delivery days

For OBS delivered cases - the number of days between admission and delivery, -1 indicates could not be calculated

14. Mental Health Information

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Source of Referral	C	Source of referral code	146495	4005	M
Method of Admission	C	Method of admission code	146495	4005	M
Change in Legal Status from Admission	C	Change in legal status from admission code	146495	4005	M
AWOL	C	Away without leave code	146495	295	M
Suicide	C	Suicide code	146495	0	M
Previous Psychiatric Admission	C	Previous psychiatric admission code	146495	4005	M
Referred To	C	Referred to code	146495	3695	M
ECT Treatment	C	Electroconvulsive therapy treatment flag	146495	4005	M
Number of ECT Treatments	N	Number of ECT treatments	146495	170	M
Education	C	Highest known level of education code	146495	4005	M
Employment	C	Employment status code	146495	4005	M
Financial Support	C	Source of financial support code	146495	4005	M

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Discharge Abstract Database Reference Guide

Source of Referral

A code which identifies a person/s or an agency that referred the patient for treatment at the health care facility.

Code	Description
1	Self, family, friends and colleagues
2	Medical therapist – private medical, paramedical practitioner, occupational therapist, social worker, psychologist
3	Law Enforcement - police, parole officer, court, jail
4	Community agency - family services, group homes, social services, etc.
5	Other - employer, clergyman, teacher
6	Unknown
Blank	Mental health information not recorded
Z	Default value if invalid data recorded

Method of Admission

A code which indicates the status of the patient at the time of admission to the health care facility.

Code	Description
1, 4-7	Applicable only to Ontario
2	Voluntary
3	Involuntary
Blank	Mental health information not recorded
Z	Default value if invalid data recorded

Change in Legal Status from Admission

A code which describes the outcome of any psychiatric assessment that may affect the status of the patient during the current admission in the health care facility.

Code	Description
1,3,4	Applicable only to Ontario
2	From involuntary to voluntary
5	From voluntary to involuntary
6	No change

AWOL

Code which indicates that a patient is absent without leave from the health care facility.

Code	Description
1	AWOL
Blank	The Patient was discharged from the Facility, died in Hospital or was transferred to another Facility.

Z	Default value if invalid data recorded

Suicide

Code which indicates the patient's intentional taking of his or her own life by self-inflicted methods.

Code	Description
1	Successful suicide
Blank	The Patient was either discharged from the Facility or died but not due to Suicide.
Z	Default value if invalid data is recorded

Previous Psychiatric Admission

Code which indicates whether the patient had any previous psychiatric admissions prior to the current admission to the health care facility.

Code	Description
1	No previous psychiatric admission
2	Previous psychiatric admission to the reporting facility.
3	Previous psychiatric admission to another facility.
4	Previous Psychiatric admission to the reporting facility and to another Facility
5	Unknown
Z	Default value if invalid data is recorded

Referred To

Code which indicates a person/s or an agency to which the patient was referred after discharge from the health care facility.

Code	Description
1	No referral.
2	Medical practitioner or therapist - includes para- medical practitioner, occupational therapist, social work, psychologist, etc.
3	Law enforcement - police, parole officer, court, jail
4	Community agency - family services, group homes, social services, etc.
5	Other - employer, clergyman, teacher
6	Unknown
Blank	Mental health information not recorded
Z	Default value if invalid data recorded

ECT Treatment Indicator

Code which indicates whether the patient received any electroconvulsive therapy (ECT) treatments during the hospitalization.

Code	Description
1	Patient did not receive any ECT treatment
2	Patient had one or more ECT treatments
Z	Default value if invalid data recorded

Number of ECT Treatments

Number of electroconvulsive therapy (ECT) treatments the patient received during the hospitalization.

Code	Description
01 – 99	Valid values, right justified and zero filled
Blank	Patient did not have any ECT treatment
Z	Default value if invalid data recorded

Education

Code which indicates the highest known level of education attained by the patient.

Code	Description
1	None - no formal education or training
2	Elementary - primary grades prior to high school
3	Secondary - high school training without graduation
4	Secondary - high school certificate or diploma
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
Blank	Mental Health Information not Recorded

Employment

Code which indicates the employment status of the patient at the time of admission.

Code	Description
1	Full-time employment
2	Part-time employment
3	Unemployed
4	Other - full-time status which does not include remuneration (e.g. homemaker, pensioner, student, etc.)
5	Unknown
6	Employed, unknown whether full-time or part time

Blank	Mental Health Information not Recorded
Z	Default value if invalid data recorded

Financial Support

Code which indicates the source of income for the patient at the time of admission.

Code	Description
1	Welfare
2	Disability Pension
3	Unemployment Insurance
4	None of the above
5	Unknown
Blank	Mental Health Information not Recorded
Z	Default value if invalid data recorded

15.Special Care Information

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Death in Special Care Indicator	C	Death in special care unit code	146495	530	M
Glasgow Coma Scale	C	Glasgow Coma Scale score	146495	340	M
Total Special Care Hours	N	Total hours in special care	146495	14215	N/A
Special care 1 unit number	C	Special care 1 unit unique identifier	146495	14215	M
Special care 1 admit date	N	Date admitted to special care	146495	14215	M
Special care 1 admit time	N	Time admitted to special care	146495	14215	M
Special care 1 discharge date	N	Date discharged from special care	146495	14215	M
Special care 1 discharge time	N	Time discharged from special care	146495	14215	M
Special care 1 hours	N	Hours in special care	146495	14215	N/A
Special care 2 unit number	C	Special care 2 unit unique identifier	146495	1130	M
Special care 2 admit date	N	Date admitted to special care	146495	1130	M
Special care 2 admit time	N	Time admitted to special care	146495	1130	M
Special care 2 discharge date	N	Date discharged from special care	146495	1130	M
Special care 2 discharge time	N	Time discharged from special care	146495	1130	M
Special care 2 hours	N	Hours in special care	146495	1130	N/A
Special care 3 unit number	C	Special care 3 unit unique identifier	146495	160	M
Special care 3 admit date	N	Date admitted to special care	146495	160	M
Special care 3 admit time	N	Time admitted to special care	146495	160	M
Special care 3 discharge date	N	Date discharged from special care	146495	160	M
Special care 3 discharge time	N	Time discharged from special care	146495	160	M
Special care 3 hours	N	Hours in special care	146495	160	N/A

Special care 4 unit number	C	Special care 4 unit unique identifier	146495	35	M
Special care 4 admit date	N	Date admitted to special care	146495	35	M
Special care 4 admit time	N	Time admitted to special care	146495	35	M
Special care 4 discharge date	N	Date discharged from special care	146495	35	M
Special care 4 discharge time	N	Time discharged from special care	146495	35	M
Special care 4 hours	N	Hours in special care	146495	35	N/A
Special care 5 unit number	C	Special care 5 unit unique identifier	146495	10	M
Special care 5 admit date	N	Date admitted to special care	146495	10	M
Special care 5 admit time	N	Time admitted to special care	146495	10	M
Special care 5 discharge date	N	Date discharged from special care	146495	10	M
Special care 5 discharge time	N	Time discharged from special care	146495	10	M
Special care 5 hours	N	Hours in special care	146495	10	N/A
Special care 6 unit number	C	Special care 6 unit unique identifier	146495	0	M
Special care 6 admit date	N	Date admitted to special care	146495	0	M
Special care 6 admit time	N	Time admitted to special care	146495	0	M
Special care 6 discharge date	N	Date discharged from special care	146495	0	M
Special care 6 discharge time	N	Time discharged from special care	146495	0	M
Special care 6 hours	N	Hours in special care	146495	0	N/A

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

Death in Special Care Indicator

Code which indicates the patient died/expired in a special care unit of the health care facility.

Glasgow Coma Scale

Clinical scoring system used to assess the response of a neurologically impaired patient.
For inpatients when the most responsible diagnosis and/or other significant diagnoses are in the range S06.0 to S06.9 and the patient's age at the time of admission is greater than three years old.

Code	Description
03 -15	Valid values
99	Not available

Total Special Hours

Total number of hours the patient was treated in all Special Care Units. -1 indicates could not be calculated.

Special Care 1 Unit Number

Code which indicates the special care unit at which the patient receives critical care.

Code	Description
10	Medical Intensive Care Nursing Unit
20	Surgical Intensive Care Nursing Unit
25	Trauma Intensive Care Nursing Unit
30	Combined Medical/Surgical Intensive Care Nursing Unit
35	Burn Intensive Care Nursing Unit
40	Cardiac Intensive Care Nursing Unit
45	Coronary Intensive Care Nursing Unit
50	Neonatal Intensive Care Nursing Unit
51	Neonatal Intensive Care Nursing Unit Level 1
52	Neonatal Intensive Care Nursing Unit Level 2
53	Neonatal Intensive Care Nursing Unit Level 3
60	Neurosurgery Intensive Care Nursing Unit
70	Pediatric Intensive Care Nursing Unit
80	Respirology Intensive Care Nursing Unit
90	Step down Medical Unit
93	Combined Med/surgical Step down unit
95	Step down Surgical Unit
98	Provincially defined
99	No Special Care Unit

Special Care 1 Admit Date

The date (YYYYMMDD) on which the patient was admitted to a special care unit. Must be ≥ Admit Date; must be ≤ Discharge Date. May be blank.

Code	Description
99990101	Invalid date
99990901	Date unknown

Special Care 1 Admit Time

The time (hhmm) at which the patient was admitted to a special care unit (SCU) according to the 24-hour clock. Values may be blank or 0000-2359.

Code	Description
9999	Time unknown
ZZZZ	Invalid time

Special Care 1 Discharge Date

The date (YYYYMMDD) on which the patient left the special Care Unit. May be blank.

Code	Description
99990101	Invalid date
99990901	Date unknown

Special Care 1 Discharge Time

The time at which the patient was discharged from the special care unit. Values may be blank or 0000-2359.

Code	Description
9999	Time unknown
ZZZZ	Invalid time

Special Care 1 Hours (Special Care Unit hours)

The number of hours spent by the patient in the SCU. It is the difference, in hours, between the SCU admit date (any time) and the SCU discharge date (any time). -1 indicates could not be calculated.

Special care 2 unit number

See details for Special care 1 unit – number

Special care 2 admit date

See details for Special care 1 unit - admit date

Special care 2 admit time

See details for Special care 1 unit - admit time

Special care 2 discharge date

See details for Special care 1 unit - discharge date

Special care 2 discharge time

See details for Special care 1 unit - discharge time

Special care 2 hours

See details for Special care 1 unit – hours

Special care 3 unit number

See details for Special care 1 unit – number

Special care 3 admit date

See details for Special care 1 unit - admit date

Special care 3 admit time

See details for Special care 1 unit - admit time

Special care 3 discharge date

See details for Special care 1 unit - discharge date

Special care 3 discharge time

See details for Special care 1 unit - discharge time

Special care 3 hours

See details for Special care 1 unit – hours

Special care 4 unit number

See details for Special care 1 unit – number

Special care 4 admit date

See details for Special care 1 unit - admit date

Special care 4 admit time

See details for Special care 1 unit - admit time

Special care 4 discharge date

See details for Special care 1 unit - discharge date

Special care 4 discharge time

See details for Special care 1 unit - discharge time

Special care 4 hours

See details for Special care 1 unit – hours

Special care 5 unit number

See details for Special care 1 unit – number

Special care 5 admit date

See details for Special care 1 unit - admit date

Special care 5 admit time

See details for Special care 1 unit - admit time

Special care 5 discharge date

See details for Special care 1 unit - discharge date

Special care 5 discharge time

See details for Special care 1 unit - discharge time

Special care 5 hours

See details for Special care 1 unit – hours

Special care 6 unit number

See details for Special care 1 unit – number

Special care 6 admit date

See details for Special care 1 unit - admit date

Special care 6 admit time

See details for Special care 1 unit - admit time

Special care 6 discharge date

See details for Special care 1 unit - discharge date

Special care 6 discharge time

See details for Special care 1 unit - discharge time

Special care 6 hours

See details for Special care 1 unit - hours

16.Licensed Vendor Assigned Values

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Vendor id for abstracting	C	Abstracting vendor unique identifier	146495	146490	M
Vendor id for grouping	C	Grouping vendor unique identifier	146495	146415	M

The type 'C' refers to both alphabetic and numeric characters.

Vendor id for abstracting

Number which identifies the vendor responsible for facility's abstracting/submission software.

Vendor id for grouping

Number which identifies the vendor responsible for facility's grouping software.

17. Calculated Length of Stay

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Total Length of Stay	N	Number of days of hospitalization	146495	93220	O
Acute length of stay	N	Number of days in acute care	146495	90780	O
ALC length of stay	N	Number of days in alternate level of care	146495	90780	O

The type 'N' refers to numeric values.

Total length of stay

The total number of days the patient was hospitalized. -1 indicates could not be calculated.

Acute length of stay

The total number of days the patient was in acute care. -1 indicates could not be calculated.

ALC length of stay

The total number of days contributing to the alternative level of care (ALC) portion of the patient's hospitalization. -1 indicates could not be calculated, blank indicates not applicable.

18. Provider Information

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Provider 1 type	C	Provider type code	146495	146490	M
Scram Provider 1 ID	C	Scrambled provider 1 identifier	146495	142410	M
Provider 1 service	C	Provider service code	146495	146490	M
Provider 2 type	C	Provider type code	146495	71385	M
Scram Provider 2 ID	C	Scrambled provider 2 identifier	146495	70155	M
Provider 2 service	C	Provider service code	146495	71385	M
Provider 3 type	C	Provider type code	146495	27385	M
Scram Provider 3 ID	C	Scrambled provider 3 identifier	146495	26695	M
Provider 3 service	C	Provider service code	146495	27385	M
Provider 4 type	C	Provider type code	146495	12315	M
Scram Provider 4 ID	C	Scrambled provider 4 identifier	146495	11910	M
Provider 4 service	C	Provider service code	146495	12315	M
Provider 5 type	C	Provider type code	146495	6095	M
Scram Provider 5 ID	C	Scrambled provider 5 identifier	146495	5845	M
Provider 5 service	C	Provider service code	146495	6095	M
Provider 6 type	C	Provider type code	146495	3315	M
Scram Provider 6 ID	C	Scrambled provider 6 identifier	146495	3145	M
Provider 6 service	C	Provider service code	146495	3315	M
Provider 7 type	C	Provider type code	146495	1980	M
Scram Provider 7 ID	C	Scrambled provider 7 identifier	146495	1855	M
Provider 7 service	C	Provider service code	146495	1980	M
Provider 8 type	C	Provider type code	146495	1200	M
Scram Provider 8 ID	C	Scrambled provider 8 identifier	146495	1125	M
Provider 8 service	C	Provider service code	146495	1200	M

The type 'C' refers to both alphabetic and numeric characters.

Provider 1 Type

A code which identifies the role of the provider responsible for the care of the patient during hospitalization.

Scrambled Provider 1 Number

Scrambled facility assigned number of the provider who was most responsible for the patient's care during hospitalization. When extracting project datasets, NB-IRDT scrambles the scrambled provider numbers into project-specific unique random numbers.

Provider 1 Service

A code which identifies the training or specialty of the provider responsible for the patient's care during hospitalization.

Provider 2 type

A code which identifies the role of the provider responsible for the care of the patient during hospitalization.

Scrambled Provider 2 Number

Scrambled facility assigned number of a provider who was responsible for the patient's care during hospitalization. When extracting project datasets, NB-IRDT scrambles the scrambled provider numbers into project-specific unique random numbers.

Provider 2 service

A code which identifies the training or specialty of the provider responsible for the patient's care during hospitalization

Provider 3 type

See details for Provider 2 type.

Scrambled Provider 3 Number

See details for Scrambled Provider 2 number.

Provider 3 service

See details for Provider 2 service.

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Provider 4 type

See details for Provider 2 type.

Scrambled Provider 4 Number

See details for Scrambled Provider 2 number.

Provider 4 service

See details for Provider 2 service.

Provider 5 type

See details for Provider 2 type

Scrambled Provider 5 Number

See details for Scrambled Provider 2 number.

Provider 5 service

See details for Provider 2 service.

Provider 6 type

See details for Provider 2 type.

Scrambled Provider 6 Number

See details for Scrambled Provider 2 number.

Provider 6 service

See details for Provider 2 service.

Provider 7 type

See details for Provider 2 type.

Scrambled Provider 7 Number

See details for Scrambled Provider 2 number.

Provider 7 service

See details for Provider 2 service.

Provider 8 type

See details for Provider 2 type.

Scrambled Provider 8 Number

See details for Scrambled Provider 2 number.

Provider 8 service

See details for Provider 2 service.

19. Vendor Value Added Data

Data Element	Type	Description	N Obs	Non-Missing	Man./Opt.
Vendor MCC	C	Major Clinical Category	146495	91565	M
Vendor CMG	C	Case Mix Group	146495	91565	M
Vendor CMG age category	C	Case Mix Group age category	146495	91560	M
Vendor Comorbidity level	C	Comorbidity level code	146495	91565	M
Vendor Flagged intervention count	C	Flagged intervention count code	146495	91565	M
Vendor Intervention event count	C	Intervention event count code	146495	91565	M
Vendor Intervention OOH count	C	Out of hospital intervention count code	146495	91565	M
Vendor Inpatient RIW atypical code	C	Resource intensity weight atypical code	146495	91565	M
Vendor ELOS days	N	Days of expected length of stay	146495	91565	M
Vendor Inpatient resource intensity level	C	Inpatient resource intensity level code	146495	91565	M
Vendor inpatient case weight	C	Inpatient case weight code	146495	91565	M
Vendor MAC code	C	Major ambulatory cluster code	146495	50635	M
Vendor CACS code	C	Outpatient ambulatory data grouping code	146495	50640	M
Vendor CACS RIW	C	CACS resource intensity weight code	146495	64920	
Vendor CACS age category code	C	CACS age category code	146495	50640	M
Vendor CACS anesthetic code	C	CACS anaesthetic code	146495	50640	M
Vendor CACS investigative technology total count	C	Count of CACS investigative technology	146495	51205	M

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

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Vendor MCC

Major Clinical Category (MCC) assigned by vendor according to Case Mix Grouping (CMG+) methodology. An MCC is a large grouping of diagnoses generally related to a body system, specific conditions, or trauma. 01 - 20, 99.

Vendor CMG

Crossover Case Mix Grouping assigned by vendor according to the Case Mix Grouping (CMG+) methodology. CMG+ is a grouping methodology developed by CIHI that categorizes acute care patients into groups based on similarities of diagnosis, intervention, length of stay (LOS) and resource requirements. 001-999.

Vendor CMG Age Category

Age Category assigned by vendor according to the Case Mix Grouping (CMG+) methodology. The CMG age category is the alphabetic age group code that represents the age group and category to which the case is assigned for resource intensity weight (RIW) calculation.

Code	Description
A	0 days (newborn)
B	0-7 days (neonates)
C	8-28 days (neonates)
F	0 years (paediatric)
G	1-7 years (paediatric)
H	8-17 years (paediatric)
R	18-59 years (adult)
S	60-79 years (adult)
T	80 +years (adult)

Vendor Comorbidity Level

Vendor assigned Comorbidity Levels reflect the cumulative resource impact of comorbidities on the patient's stay as assigned by the Case Mix Grouping (CMG+) methodology.

Code	Description
0	No significant co-morbidity
1	level 1 co-morbidity
2	level 2 co-morbidity
3	level 3 co-morbidity
4	level 4 co-morbidity
8	not applicable

Vendor Flagged Intervention Count

Vendor assigned Flagged Intervention Count is the number that represents the total flagged intervention categories associated with the patient's case. Flagged interventions identify interventions associated with higher resource consumption cases, although the interventions themselves may not be costly.

Code	Description
0	No eligible intervention
1	1 flagged intervention
2	2 flagged interventions
3	3 flagged interventions
4	4 flagged interventions
5	5 flagged interventions
6	6+ flagged interventions
8	Not applicable

Vendor Intervention Event Count

Number that represents the intervention events associated with the case as assigned by the vendor according to the Case Mix Grouping (CMG+) methodology. An intervention event (IE) is an intervention that occurred during the patient's stay in a facility.

Code	Description
0	no eligible OOH intervention
1	eligible OOH intervention
8	not applicable

Vendor Intervention OOH Count

Number that indicates if the patient had an out-of-hospital (OOH) intervention or if OOH is applicable to the patient's case as assigned by the vendor according to the Case Mix Grouping (CMG+) methodology.

Code	Description
00	Typical
01	Transfer in
02	Transfer out
03	Sign out/did not return from pass
04	Death
05	Transfer in and transfer out
06	Transfer in and sign out/did not return from pass
07	Transfer in and death
08	CMG >989
10	LS (Long Stay)

11	LS transfer in
12	LS transfer out
13	LS sign out/did not return from pass
14	LS death
15	LS transfer in and transfer out
16	LS transfer in and sign out/did not return from pass
17	LS transfer in and death
97	Invalid LOS
98	Not applicable
99	RIW not assigned

Vendor Inpatient RIW Atypical Code

Code which indicates a patient's typical or atypical status for the calculation of the resource intensity weight (RIW) and expected length of stay (ELOS) as assigned to abstract by the vendor according to the Case Mix Grouping (CMG+) methodology.

Code	Description
00	Typical
01	Transfer in
02	Transfer out
03	Sign out/did not return from pass
04	Death
05	Transfer in and transfer out
06	Transfer in and sign out/did not return from pass
07	Transfer in and death
08	CMG >989
10	LS (long stay)
11	LS transfer in
12	LS transfer out
13	LS sign out/did not return from pass
14	LS death
15	LS transfer in and transfer out
16	LS transfer in and sign out/did not return from pass
17	LS transfer in and death
97	Invalid LOS
98	Not applicable
99	RIW not assigned

Vendor ELOS days

The length of time (in days) a patient is expected to stay in a facility as assigned by the vendor according to the Case Mix Grouping (CMG+) methodology.

Vendor Inpatient Resource Intensity Level

Resource intensity level (RIL) for the abstract as assigned by the vendor according to the Case Mix Grouping (CMG+) methodology. The RIL is a derived variable created for reporting purposes. It is a way of further distinguishing patients with higher resource use.

Code	Description
0	RI level 0
1	RI level 1
2	RI level 2
3	RI level 3
4	RI level 4
5	RI level 5
6	RI level 6
8	Not applicable

Vendor Inpatient Case Weight

Resource weight assigned by vendor to a case. Case refers to all the activities related to one inpatient during one inpatient stay.

Vendor MAC Code

Vendor assigned code which indicates the Major Ambulatory Cluster (MAC) grouping. MAC is a high level grouping of the Comprehensive Ambulatory Classification System (CACS) cells generally related to body system or functional grouping. 01-21, AA, ZZ

Vendor CACS Code

The vendor assigned Comprehensive Ambulatory Classification System (CACS) code indicates an outpatient grouping methodology for ambulatory data, based on the ICD-10-CA and CCI (Canadian Classification of Health Interventions) classifications. A001-Z999.

Vendor CACS RIW

This is the Resource Intensity Weight (RIW) assigned to CACS class by the vendor according to the CMG+ methodology.

Vendor CACS age category

This is the Comprehensive Ambulatory Classification System (CACS) age category assigned to the abstract by the vendor.

Code	Description
G	0-7 Years (Paediatric)
H	8-17 Years (Paediatric)
R	18-59 Years (Adult)
S	60+ Years (Adult)

Vendor CACS anaesthetic code

Code which indicates the Comprehensive Ambulatory Classification System (CACS) anaesthetic type assigned by the vendor (1, 2, 3, 4, 8).

CACS investigative technology total count

A distinct count of the total number of Investigative Technology categories found on each abstract, assigned by the vendor according to the Comprehensive Ambulatory Classification System (CACS).

APPENDIX A: ABBREVIATIONS
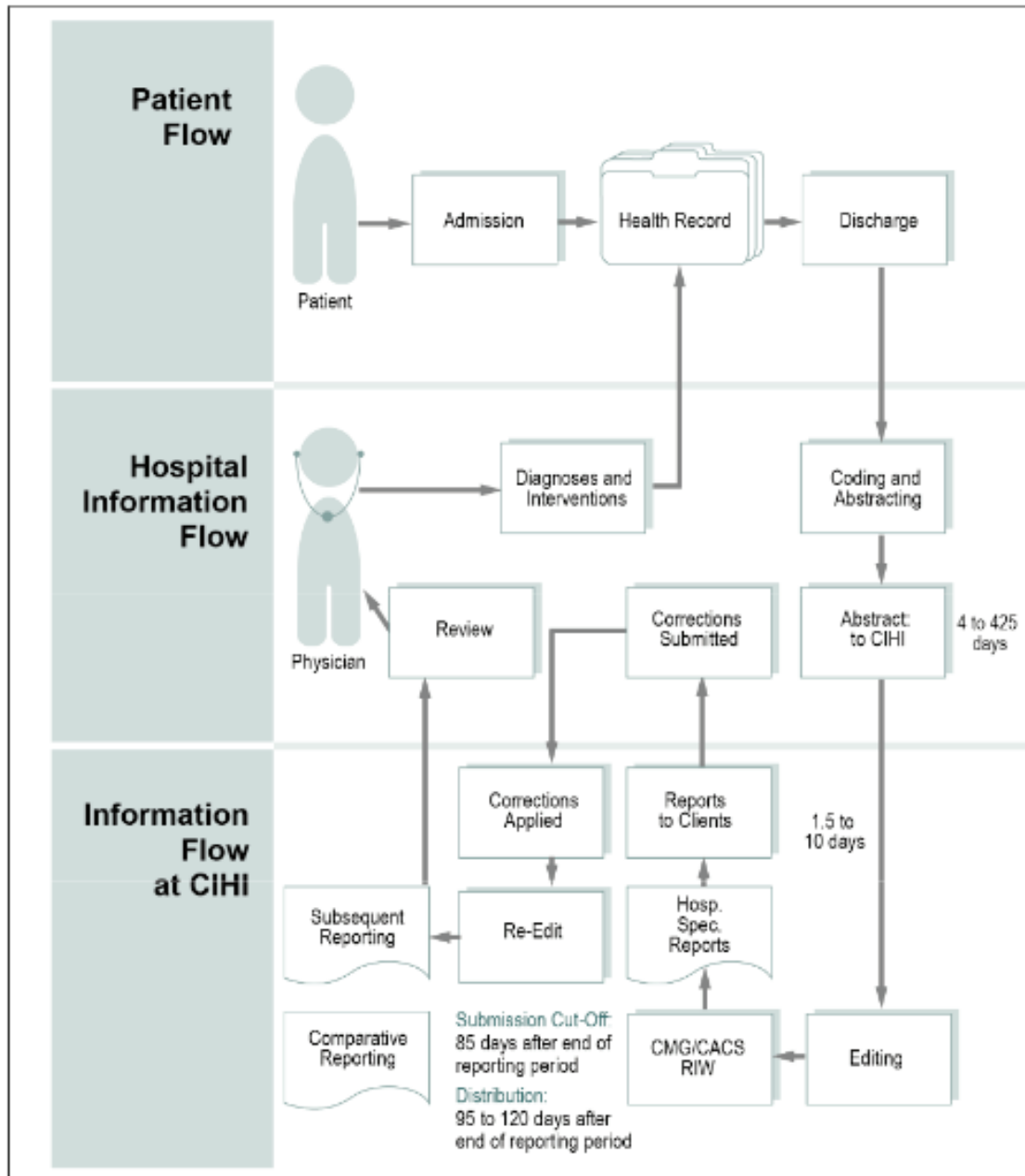
AB	Alberta
ALC	Alternate level of care
BC	British Columbia
CACS	Comprehensive Ambulatory Classification System
CAD	Clinical Administrative Databases
CCI	Canadian Classification of Health Interventions
CIHI	Canadian Institute for Health Information
CMG	Case Mix Group
CMG+	Case Mix Grouping methodology
DAD	Discharge Abstract Database
ED	Emergency department
ELOS	Expected length of stay
HCN	Health Care Number
HMDB	Hospital Morbidity Database
ICD- 10- CA	International Statistical Classification of Diseases and Related Health Problems, 10th Revision, Canada
ID	Identification
LOS	Length of stay
MAC	Major Ambulatory Cluster
Man./Opt.	Mandatory/Optional
MB	Manitoba
MCC	Major Clinical Category
N Obs	Number of observed values
NACRS	National Ambulatory Care Reporting System
NB	New Brunswick
NL	Newfoundland
Non-Missing	Count of non-missing values
NS	Nova Scotia
NT	Northwest Territories
NU	Nunavut
ON	Ontario
OOH	Out-of-hospital
OP	Out patient
OR	Operating Room
PE	Prince Edward Island
QC	Quebec
RI	Resource intensity
RIW	Resource Intensity Weight

SCU	Special Care Unit
SK	Saskatchewan
YT	Yukon

APPENDIX B: DISCHARGE ABSTRACT DATABASE INFORMATION FLOW

Source: https://www.cihi.ca/en/dad_multi-year_en.pdf