

# **Horizon Day Surgery Data**

Codebook For Years 2014-2024

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## How to obtain more information

For more information about this Codebook or other services and data available from the New Brunswick Institute for Research, Data and Training (NB-IRDT), contact us in any of the following ways:

- visit our website at <a href="https://www.unb.ca/nbirdt">www.unb.ca/nbirdt</a>
- email us at <a href="mailto:nb-irdt@unb.ca">nb-irdt@unb.ca</a>
- call us at 506-447-3363 Monday to Friday, 8:30am to 4:30pm

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# HH26 Horizon Day Surgery Data Codebook

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## **About this Codebook**

This reference guide is intended for users of the Horizon Day Surgery Data. This guide covers surgical activities across New Brunswick's health zones 1, 2, 3, and 7, providing patient demographics, geographic patterns, and hospital details. It includes key variables like age, sex, admission and discharge dates, and standardized procedure codes, enabling analysis of hospital efficiency, patient outcomes, and costeffectiveness. This dataset supports healthcare providers, policymakers, and researchers in improving day surgery services across the region.

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## Overview

The Horizon Day Surgery Data provides a comprehensive overview of day surgery activities across health zones 1, 2, 3, and 7 in New Brunswick. The dataset spans multiple fiscal years and includes detailed information on various hospitals within these zones. Key variables include patient demographics such as age and sex, which are crucial for understanding the population served and identifying trends in surgical care. The dataset also records the residence code of patients, offering insights into geographic patterns and potential disparities in access to day surgery services.

In addition to demographic information, the dataset captures critical clinical and administrative details. Admission and discharge dates, along with the length of stay, help in analyzing hospital efficiency and patient flow. The discharge disposition variable indicates the patient's status post-surgery, which is essential for assessing outcomes and planning follow-up care. The main patient service code and various classification systems, such as the Comprehensive Ambulatory Classification System (CACS) and Major Ambulatory Cluster (MAC), provide a standardized way to categorize and analyze surgical procedure. Ambulatory costs weights are included to facilitate economic analyses, helping to evaluate the cost-effectiveness of day surgery services.

## Data Range

2014-2024 (Fiscal years)

#### Data Source

Horizon Health Network

#### How to cite this Codebook

New Brunswick Institute for Research, Data and Training. (2024). *Horizon Day Surgery Data HH26 Codebook for years 2014-2024*. Fredericton, NB: New Brunswick Institute for Research, Data and Training.

# How to cite this product

New Brunswick Institute for Research, Data and Training. (2024). *Horizon Day Surgery Data HH26 Codebook for years 2014-2024*. Fredericton, NB: New Brunswick Institute for Research, Data and Training.

# **Acknowledgements**

The Horizon Day Surgery Database is used with permission of "Horizon Health Network"

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# About this product

## Purpose of the product

The purpose of the Horizon Day Surgery database Codebook is to provide information on the linkable New Brunswick Horizon Day Surgery Data held at the New Brunswick Institute for Research Data and Training (NB-IRDT). This data is assessable to researchers for public health research.

#### Content

The dataset contains 38 variables, 11 of which are numeric type value.

## **General methodology**

The Horizon Day Surgery Data from Horizon Health Network is stored securely by the NB-IRDT for authorized access to researchers.

## Comparison to other products/versions

N/A

# Using with other products

If applicable

#### Reference Date

2014-2024 (Fiscal years)

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# **Technical specifications**

## Overview

Horizon Day Surgery Data variables, Alphabetic List.

NAME	LABEL	TYPE
AdmitCategory_Text		С
AdmitCategory_code		С
AdmitDate	Admit Date	Ν
AdmitTime	Admit Time	Ν
<b>AmbltryCostWeight</b>	Ambulatory Cost Weight	Ν
CACSDescription	CACS Description	С
CompAmbClassSys	Comprehensive Ambulatory Classification System (CACS)	С
DischDate	Discharge Date	N
DischargeTime	Discharge Time	Ν
DischrgeDisposition	Discharge Disposition	С
EntryCode		С
Gender		С
Hospital	Hospital	С
InstFromType	InstFrom Type	С
InstToType	Inst To Type	С
InstitutionFrom	Institution From	С
InstitutionTo	Institution To	С
LOSDays	LOS Days	N
LOSHours	LOS Hours	N
MACDescription	MAC Description	С
MainPtService	Main Patient Service Code	N
MainPtServiceText	Main Patient Service Text	С
MainPtSubSvc	Main Patient Sub Service Code	С
MainPtSubSvcText	Main Patient Sub Service Text	С
MajorAmbCluster	Major Ambulatory Cluster (MAC)	С
PatientAge	Patient Age	N
PostalCode	Postal Code	С
PostalCodeNA	Postal Code N/A	С
ProvinstFromType	Prov Inst From Type	С
ProvinstToType	Prov Inst To Type	С
ResidenceCode	Residence Code	Ν
<b>ResidenceCodeText</b>		С
VendorAgeCat	Vendor Age Category	С
<b>VendorAnaestCat</b>	Vendor Anesthetic Category	N
VisitPayor_code		С

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scram_res_id		С
year	Fiscal year	С
zone	NB Health zone	С

<sup>\*</sup>Type N refers to numeric values while the type C refers to both alphabetic and numeric characters.

# Record layouts and data descriptions scram\_id (indvid)

Code which uniquely identifies an individual.

#### Year

Fiscal year, a character variable with the format of YYYY-YYYY, e.g., 2014-2015.

#### **Zone**

To provide a better understanding of local differences, the New Brunswick Health Council (NBHC) presents information at the health zone level. The boundaries of the seven health zones were established by provincial legislation.

#### Hospital

100piral	
Hospital	Hospital Name
CCH	Charlotte County Hospital
DECRH	Dr. Everett Chalmers Regional Hospital
MRH	Miramichi Regional Hospital
OPH	Oromocto Public Hospital
SHC	Sussex Health Centre
SJH	St. Joseph's Hospital
SJRH	Saint John Regional Hospital
SMH	Sackville Memorial Hospital
TMH	The Moncton Hospital
URVH	Upper River Valley Hospital

## VisitPayor\_code

VisitPayor_code	Code description
01	Provincial or territory
02	WCB,WSIB
03	Other province or territory, Canadian
04	Veterans Affairs Canada (VAC)
05	First Nations and Inuit Health Branch (formerly MSB)
06	Other federal government (Ret
07	Canadian resident, self-pay
08	Other country resident, self-pay

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09	Canadian resident private insurance pay
11	Other provincially defined
12	Correctional Service Canada (CSC)
13	Department of National Defense (DND)
14	Immigration, Refugees and Citizenship Canada (IRCC)

## **PatientAge**

Patient Age, an integer numeric value represents patient's age at admission.

#### Gender

Patient Gender

enterth e enteret	
Gender	Gender
F	Female
M	Male
0	Other
U	Unknown

#### **PostalCode**

Postal Code.

#### **PostalCodeNA**

"Postal Code N/A" may represent those few patients from either outside New Brunswick or Canada.

#### ResidenceCode & ResidenceCodeText

Represents the patient's residence area either in New Brunswick or outside the province. Some extra characters in the spellings of the text will need to be considered, e.g., "Lac Baker Village" and "Lac-Baker Village" seem identical but are reported separately, however they have the same Residence Code of 1337.

#### AdmitDate

The date of patient admission with the format of MM/DD/YYYY.

#### AdmitTime

The time of patient admission with a format of HH:MM. Please note that the AdmitTime is a 24-hour time, e.g., 8 PM is reported 20:00, and 8 AM is reported 08:00.

#### **DischDate**

Discharge Date, MM/DD/YYYY.



## DischargeTime

Discharge Time, is a 24-hour time HH: MM.

## **LOSDays**

Length of Stay in the hospital in day.

#### **LOSHours**

Length of stay in the hospital in hour.

#### AdmitCategory\_code

Categorizes if the surgery was make as an emergency of not.

AdmitCategory_code	Admit Category Text
L	Elective
U	Emergent, urgent

## **EntryCode**

Entry Code indicates the last point of entry prior to being admitted as an inpatient to the reporting facility.

EntryCode	Entry Code Text
С	Clinic from reporting hospital
D	Direct
E	Emergency Department
P	Day Surgery from reporting hospital
N	Newborn
S	Stillborn

#### InstitutionFrom

The institute that the patient comes from. The value of the variable consists of a leading numeric code followed by a location name. Only using the leading code is not recommended as it has been changed over time. That being said, based on the admit date, you may find two different leading codes for the same location. For example, the Chalmers hospital has the leading codes 001 and 30001.

### **InstFromType**

Institution type that the patient comes from. If not missing, it is recommended to delete the leading code, including digits and letters.

## DischrgeDisposition

The variable shows the discharge disposition type ranges from discharge to private home, with and without support service, to transfer to an acute care inpatient institution. Here is a list of some two-digit leading characters that are mostly used.

Discharge Disposition leading digits	Description
01	Transferred to an ACUTE care inpatient institution
02	Transferred to CONTINUING care (facility provides supervisory care)
03	Transferred to OTHER care ( Ambulatory, palliative, jails etc.)
04	Discharge to private home, condo, apt with support service*
05	Discharge to private home, condo, apt without support service**
06	Admit to reporting facility as inpatient to special care unit or OR from ambulatory care visit
07	Admit to reporting facility as an inpatient to another unit of the reporting facility from the AMB
08	Transfer to another acute care facility directly from ambulatory care visit functional centre
09	Transfer to another non-acute care facility directly from ambulatory care functional centre
10	Transfer to reporting or another facility for inpatient care (2018)
12	Intra-facility transfer to Day Surgery (2017, 2018)
13	Intra-facility transfer to ED (2017, 2018)
14	Intra-facility transfer to clinic (2017, 2018)
16	Discharge to private home, condo, apt with support service/referral (2018)*
17	Discharge to private home, condo, apt without support service/referral (2018)**
20	Transfer to reporting or another emergency dept or ambulatory care
30	Transfer to residential care (2018)
40	Transfer to group/supportive living (2018)





62***	Left at his/her own risk post-initial treatment (2018)
	Left against medical advice (LAMA) (2018)
64	Left after initial assessment (2018)
72	Died in facility (2018)
90	Transfer to correctional facility (2018)

<sup>\*</sup>same description, different years

#### InstitutionTo

Discharge institution. Please note that since the leading code has been changed over time, you may find two different codes for the same location, e.g., Charlotte County Hospital has both 30033 and 033 leading codes.

## Inst To Type

Discharge institution type.

Leading digits/character	Description
0	Community-based clinic/ Ambulatory, organized outpatient dept.
1	Acute inpatient care/ acute psychiatric
2	Inpatient rehabilitation, general rehabilitation
3	Chronic, extended
4	Long-term care (24-hour nursing)
5	Inpatient psychiatry, non-acute psychiatric
6	Unclassified
8	Home care program
10	SDS
11	Emergency dept.
17	EMH units
18	DVA, veteran affairs
Α	Day surgery
С	Correctional facility
E	Emergency department
G	Group living/supportive housing
Н	Transitional housing
M	Community mental health services
T	Mental health and/or addiction

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<sup>\*\*</sup> same description, different years

<sup>\*\*\*</sup> two descriptions for a code



## Main Patient Service text/code

	tient Service text/code	
Code	Description	
1	Family or General Practitioner	
10	General Medicine	
11	Allergy	
12	Cardiology	
14	Endocrinology	
15	Gastro-Enterology	
16	Nephrology	
17	Neurology	
18	Respirology	
19	Rheumatology	
20	Paediatric Medicine	
23	Paediatric Dermatology	
24	Paediatric Endocrinology	
25	Paediatric Gastro-Enterology	
26	Paediatric Nephrology	
27	Paediatric Neurology	
30	General Surgery	
31	Cardiac Surgery	
32	Neurosurgery	
33	Oral Surgery	
34	Orthopaedic Surgery	
35	Plastic Surgery	
36	Thoracic Surgery	
37	Vascular Surgery	
39	Urology	
40	Paediatric Surgery	
41	Paediatric Cardiovascular Surgery	
42	Paediatric Neurosurgery	
43	Paediatric Oral Surgery	
44	Paediatric Orthopaedic Surgery	
45	Paediatric Plastic Surgery	
49	Paediatric Urology	
50	Obstetrics and Gynaecology	
52	OBS Antepartum	
53	OBS Aborted	
55	Critical Care Medicine/ Gynaecology	
56	Paediatric Gynaecology	
57	Anaesthesia	
59	Colorectal Surgery/ OBS Postpartum	

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60	Otolaryngology and ORL	
61	Paediatric Otolaryngology and ORL	
62	Ophthalmology	
63	Paediatric Ophthalmology	
64	Psychiatry	
66	Haematology	
69	Paediatric Immunology	
70	Physical Med. and Rehab (Physiatry)	
71	Paediatric Physical Med. and Rehab (Physiatry)	
72	Geriatrics	
73	General Surgical Oncology	
74	Oncology	
75	Radiation Oncology	
80	Diagnostic Radiology	
81	Radiotherapy	
82	Genetics	
87	Dentistry	
88	Paediatric Dentistry	
89	Nuclear Medicine	
96	Infectious Disease	
126	Occupational Medicine	
1001	Dentist	
1003	Oral Surgeon	

# CompAmbClassSys

Comprehensive Ambulatory Classification System (CACS) is an outpatient grouping methodology for ambulatory data and is based on the ICD-10-CA and CCI classification.

C002	Nerve Block	
C003	Spinal Vertebrae/Intervertebral Disc Interven	
C004	Carpal Tunnel Release, Endoscopic Approach	
C005	Carpal Tunnel Release, Open Approach	
C006	Brain Intervention	
C007	Spinal Canal/Cord Intervention	
C009	Major Nerve Intervention	
C010	Other Nervous System Intervention	
C011	Spinal Tap	
C012	Carpal Tunnel Release	
C013	Brain, Intracranial Vessel Intervention	
C051	Reconstruction/Transplant Cornea	

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C052	Other Intervention of Cornea	
C053	Dilation Lacrimal System	
C054	Other Major Lacrimal System Intervention	
C055	Minor Lacrimal System Intervention	
C056	Other Major Eye Intervention	
C057	Other Minor Eye Intervention	
C058	Major Eyelid Intervention	
C059	Minor Eyelid Intervention	
C060	Cataract Removal/Lens Insertion	
C061	Diagnostic Intervention on the Eye	
C062	Minor Laser Eye Intervention	
C064	Vitrectomy/Retinal Release	
C101	Tonsillectomy/Adenoidectomy	
C103	Major Ear Intervention	
C104	Minor Ear Intervention	
C105	Myringotomy with Tubes	
C106	Nasal Intervention with Flap Graft or Other T	
C106	Repair Nose or Intranasal Cartilage	
C107	Excision or Destruction & Other Minor Interve	
C107	Nasal Intervention without Flap Graft or Othe	
C108	Sinus Intervention	
C109	Dental/Periodontal Intervention	
C110	Excision Gland of Head, Neck	
C111	Repair, Excision of Oropharynx, Nasopharynx	
C112	Other Ear Nose Throat Intervention	
C113	Uvulopalatopharyngoplasty (UPPP)	
C114	Tongue Release	
C115	Ear Nose Throat Biopsy	
C116	Orofacial Intervention	
C117	Application/Removal Dental Wiring	
C118	Repair, Excision of Oropharynx, Nasopharynx,	
C151	Respiratory Biopsy/Endoscopy, excluding Laryn	
C152	Laryngoscopy	
C153	Excision Glottis	
C154	Pleurocentesis	
C155	Other Major Therapeutic Respiratory Intervent	
C156	Other Minor Therapeutic Respiratory Intervent	
C157	Therapeutic Respiratory Intervention	
C201	Cardioversion	
C202	Implantation of Pacemaker	

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C203 Implantation of Cardioverter/Defibrillator C204 Management/Removal of Pacemaker/Defibrillator C205 Cardiac Biopsy C206 Coronary Angiography C207 Other Cardiac Study C208 Percutaneous Transluminal Coronary Vessel Int C209 Other Cardiac Intervention C210 Vascular Access C211 Arteriovenous Fistula Intervention C212 Varicose Vein Stripping and Ligation C213 Percutaneous Transluminal Vascular Interventi C214 Other Vascular Intervention C215 Angiography except Coronary C251 Inspection Digestive Tract C252 Hernia Repair, Open Approach C253 Hernia Repair, Open Approach C254 Partial Excision Anus, Rectum, Intestine C255 Closure Fistula, Release Anus C256 Other Major Digestive System Intervention C257 Other Minor Digestive System Intervention C259 Biopsy Lower Digestive System C260 Biopsy Esophagus, Stomach C261 Biopsy Inspection Abdominal Cavity C262 Dilation Esophagus C263 Control of Bleeding Digestive System C264 Biopsy Hepatobiliary System C265 Call Repair Cruciate Ligament, Knee C301 Repair Cruciate Ligament, Knee C302 Other Hepatobiliary Intervention C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion without Graft C311 Closed Fixation	C203	Implantation of Cardioverter/Defibrillator	
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C257 Other Minor Digestive System Intervention C259 Biopsy Lower Digestive System C260 Biopsy Esophagus, Stomach C261 Biopsy/Inspection Abdominal Cavity C262 Dilation Esophagus C263 Control of Bleeding Digestive System C264 Biopsy or Partial Excision Anus, Rectum, Inte C281 Biopsy Hepatobiliary System C282 Cholecystectomy C283 Other Hepatobiliary Intervention C301 Repair Cruciate Ligament, Knee C302 Other Knee Intervention, excluding cruciate r C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C255	Closure Fistula, Release Anus	
C260 Biopsy Lower Digestive System C261 Biopsy Esophagus, Stomach C261 Biopsy/Inspection Abdominal Cavity C262 Dilation Esophagus C263 Control of Bleeding Digestive System C264 Biopsy or Partial Excision Anus, Rectum, Inte C281 Biopsy Hepatobiliary System C282 Cholecystectomy C283 Other Hepatobiliary Intervention C301 Repair Cruciate Ligament, Knee C302 Other Knee Intervention, excluding cruciate r C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C256	Other Major Digestive System Intervention	
C261 Biopsy Esophagus, Stomach C262 Dilation Esophagus C263 Control of Bleeding Digestive System C264 Biopsy or Partial Excision Anus, Rectum, Inte C281 Biopsy Hepatobiliary System C282 Cholecystectomy C283 Other Hepatobiliary Intervention C301 Repair Cruciate Ligament, Knee C302 Other Knee Intervention, excluding cruciate r C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion without Graft C310 Open Fixation/Fusion without Graft	C257	Other Minor Digestive System Intervention	
C261 Biopsy/Inspection Abdominal Cavity C262 Dilation Esophagus C263 Control of Bleeding Digestive System C264 Biopsy or Partial Excision Anus, Rectum, Inte C281 Biopsy Hepatobiliary System C282 Cholecystectomy C283 Other Hepatobiliary Intervention C301 Repair Cruciate Ligament, Knee C302 Other Knee Intervention, excluding cruciate r C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C259	Biopsy Lower Digestive System	
C262 Dilation Esophagus C263 Control of Bleeding Digestive System C264 Biopsy or Partial Excision Anus, Rectum, Inte C281 Biopsy Hepatobiliary System C282 Cholecystectomy C283 Other Hepatobiliary Intervention C301 Repair Cruciate Ligament, Knee C302 Other Knee Intervention, excluding cruciate r C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C260	Biopsy Esophagus, Stomach	
C263 Control of Bleeding Digestive System C264 Biopsy or Partial Excision Anus, Rectum, Inte C281 Biopsy Hepatobiliary System C282 Cholecystectomy C283 Other Hepatobiliary Intervention C301 Repair Cruciate Ligament, Knee C302 Other Knee Intervention, excluding cruciate r C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C261	Biopsy/Inspection Abdominal Cavity	
C264 Biopsy or Partial Excision Anus, Rectum, Inte C281 Biopsy Hepatobiliary System C282 Cholecystectomy C283 Other Hepatobiliary Intervention C301 Repair Cruciate Ligament, Knee C302 Other Knee Intervention, excluding cruciate r C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C262	Dilation Esophagus	
C281 Biopsy Hepatobiliary System C282 Cholecystectomy C283 Other Hepatobiliary Intervention C301 Repair Cruciate Ligament, Knee C302 Other Knee Intervention, excluding cruciate r C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C263	Control of Bleeding Digestive System	
C282 Cholecystectomy C283 Other Hepatobiliary Intervention C301 Repair Cruciate Ligament, Knee C302 Other Knee Intervention, excluding cruciate r C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C264	Biopsy or Partial Excision Anus, Rectum, Inte	
C283 Other Hepatobiliary Intervention C301 Repair Cruciate Ligament, Knee C302 Other Knee Intervention, excluding cruciate r C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C281	Biopsy Hepatobiliary System	
C301 Repair Cruciate Ligament, Knee C302 Other Knee Intervention, excluding cruciate r C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C282	Cholecystectomy	
C302 Other Knee Intervention, excluding cruciate r C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C283	Other Hepatobiliary Intervention	
C303 Other Lower Limb Intervention C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C301	Repair Cruciate Ligament, Knee	
C304 Other Tendon/Muscle Intervention C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C302	Other Knee Intervention, excluding cruciate r	
C305 Shoulder Intervention C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C303	Other Lower Limb Intervention	
C306 Repair, Total Excision, Division, Reconstruct C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C304	Other Tendon/Muscle Intervention	
C307 Other Bone Intervention C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C305		
C308 Soft Tissue Intervention Head/Neck C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C306	Repair, Total Excision, Division, Reconstruct	
C309 Open Fixation/Fusion with Graft C310 Open Fixation/Fusion without Graft	C307	Other Bone Intervention	
C310 Open Fixation/Fusion without Graft	C308	Soft Tissue Intervention Head/Neck	
C310 Open Fixation/Fusion without Graft	C309	·	
	C310		
	C311	Closed Fixation	

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C312	Open Reduction	
C313	Removal Pin, Wire - Elbow/Hand/Wrist/Foot/Ank	
C314	Removal Screw, Plate - Elbow/Hand/Wrist/Foot/	
C315	Removal Internal Fixation Device - Other Bone	
C316	Release Flexor Tendon, Finger	
C317	Closed Reduction Hand/Foot	
C318	Closed Reduction Except Hand/Foot	
C319	Release Other Tendon-Finger/Hand	
C320	Other Upper Limb Intervention	
C321	Other Musculoskeletal Head/Neck Intervention	
C322	Soft Tissue Intervention Chest/Abdomen	
C323	Soft Tissue Intervention Extremity	
C324	Soft Tissue Intervention Back	
C325	Joint Replacement	
C326	Soft Tissue Intervention	
C327	Release Tendon Finger/Hand	
C328	Removal Other Internal Fixation Device	
C351	Complete and Partial Mastectomy	
C352	Plastic and Other Breast Intervention	
C353	Abdomen & Trunk Skin Intervention	
C354	Face and Neck Skin Intervention	
C355	Other Skin Intervention	
C356	Reconstruction & Radical Excision Breast	
C357	Tissue Expander & Other Special Skin Interven	
C358	Major Skin Interventions	
C359	Minor Skin Interventions	
C451	Upper Urinary Tract Intervention	
C452	Other Minor Upper Urinary Intervention	
C453	Destruction Calculi ESWL (Extracorporeal App	
C453	Destruction Calculi ESWL (Extracorporeal Appr	
C454	Removal and Destruction Calculi Upper Urinary	
C455	Lower Urinary Tract Intervention	
C456	Other Minor Lower Urinary Tract Intervention	
C457	Cystoscopy (Bladder Inspection)	
C458	Orchidectomy	
C459	Prostate Resection and Biopsy	
C460	Vasectomy	
C461	Vasectomy Reversal	
C462	Circumcision	
C463	Other Male Reproductive Intervention	

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C464	Ovarian and Fallopian Intervention	
C465	Tubal Ligation	
C466	ŭ .	
C467	Dilation/Curettage and Endometrial Ablation Partial Cervical Excision	
C468	Other Major Female Reproductive Intervention	
C469	Other Minor Female Reproductive Intervention	
C470	Termination of Pregnancy	
C471	Peritoneal Dialysis	
C472	Haemodialysis (B)	
C602	Open Lymph Node Excision/Biopsy, except Extre	
C603	Other Lymphatic System Intervention	
C701	Electroconvulsive Therapy (ECT)	
C998	Intervention Not Generally Ambulatory with Ac	
C999	Intervention Not Generally Ambulatory	
E001	Cerebrovascular Diseases	
E002	Multiple Sclerosis/Demyelinating Disorder	
E003	Other Nervous System Disorders	
E051	Ophthalmology	
E101	Ear Nose Throat Disorders	
E102	Dental, Jaw and Oral Cavity Disorders	
E151	Respirology	
E201	Cardiovascular Disorders	
E202	Congestive Heart Failure	
E203	Myocardial Infarction/Angina/Chest Pain	
E204	Dysrhythmia and Conductive Disorders	
E205	Peripheral Vascular Disorders	
E251	Gastroenterology	
E281	Hepatobiliary and Pancreatic Disorders	
E301	Inflammatory and Systemic Musculoskeletal Dis	
E302	Orthopaedic Follow-up and Device Management C	
E303	Other Musculoskeletal Disorders	
E304	Congenital Musculoskeletal Disorders	
E305	Infectious and Necrotic Musculoskeletal Disor	
E351	Skin Disorders and Injuries	
E401	Diabetes	
E402	Other Endocrine Disorders	
E451	Male Urogenital Disorders	
E452	Urogynaecology	
E453	Nephrology	
E454	Other General Genitourinary Disorders	

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E501	Maternal Care	
E551	Neonates, Infants and Non-Specific Paediatric	
E601	Haematology	
E651	Systemic Infections and HIV	
E702	Other General Mental Health Disorders	
E751	General Signs, Symptoms, Examinations and Inv	
E752	Other Medical and Follow-up Care	
E753	Care and Counselling for Psychosocial Circums	
E754	Follow-up Examination following Treatment	
E755	Intervention Not Carried Out	
E801	Oncology	
E802	Chemotherapy for neoplasm	
E803	Follow-up Examination after treatment for mal	
<b>Z999</b>	Vasectomy	

# **MajorAmbCluster**

Major Ambulatory Cluster (MAC) is high-level grouping of the CACS cells generally related to body system or functional grouping.

MAC	MAC code description	
code		
**	Diseases and Disorders of the Kidney, Genitou	
ZZ	Miscellaneous and Ungroupable Data	
1	Diseases and Disorders of the Nervous System	
2	Diseases and Disorders of the Eye	
3	Diseases and Disorders of the Ear, Nose, Mout	
4	Diseases and Disorders of the Respiratory Sys	
5	Diseases and Disorders of the Circulatory Sys	
6	Diseases and Disorders of the Digestive Syste	
7	Diseases and Disorders of the Hepatobiliary S	
8	Diseases and Disorders of the Musculoskeletal	
9	Diseases and Disorders of the Skin, Subcutane	
10	Endocrine, Nutritional and Metabolic Diseases	
11	Diseases and Disorders of the Kidney, Genitou	
13	Maternal Care	
14	Neonates, Infants and Non-specific Paediatric	
15	Diseases and Disorders of the Blood and Lymph	
16	Multisystemic or Unspecified Site Infections	
17	Mental Diseases and Disorders	
20	Examinations and Other Health Factors	

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21 Oncological Diseases and Disorders

#### **AmbltryCostWeight**

Ambulatory Cost Weight; the Resource Intensity Weights (RIW) cost weights are relative to the average cost of a typical acute inpatient case, such that the sum of typical cases is equal to the sum of the typical weighted cases. Collection Instructions Facilities with vendor grouper software will have these licensed vendors assigned values automatically populated according to the CACS grouping methodology. Additional information on cell assignment using the groping methodology is available in the CACS Directory.

### **VendorAgeCat**

Vendor Age Category is the CACS age category assigned to the abstract.

VendorAgeCat	Vendor Age Category
G	1-7 Years (Paediatric)
Н	8-17 Years (Paediatric)
R	18-59 Years (Adult)
S	60-79 Years (Adult)

#### **VendorAngestCat**

Vendor Anesthetic Category is the CACS an aesthetic code assigned to the abstract.

VendorAnaestCat	Vendor Anesthetic Category
1	General/Spinal/Epidural/Neuraxial
2	Other nerve block/Monitored Care
3	Unmonitored
4	Local
8	No Anesthetic

#### **DOCUMENT HISTORY**

Version	Author	Nature of Change		Date
1.0	Ali Beykzadeh	Creation of document		August 29, 2024
Approved by		Approval Date	Effective Date	Review Date
Meaghan Pike		Sept 6 2024		