

# National Ambulatory Care Reporting System



**Date range: 2012/13 onward**

The National Ambulatory Care Reporting System (NACRS) is a tool for collecting data and reporting on all levels of ambulatory care within Canada including emergency departments (EDs), day surgery, and medical and surgical day clinics within hospitals, the community and private clinics. NACRS facilitates comparisons and benchmarking across jurisdictions provincially and nationally through the use of standardized definitions and coding standards that adhere to national and international standards.

In September 2010 the BC Ministry of Health (the Ministry) mandated the health authorities to work with Canadian Institute for Health Information (CIHI) to implement the NACRS Level 2 at fifteen high volume emergency departments across the province. NACRS Level 2 will provide patient level, demographic and wait time information and clinical data including presenting complaint and discharge diagnosis. Presently there are a total of twenty-nine hospital EDs in the province reporting to NACRS and no ambulatory care facility is reporting in BC.

## Core vs. Non-Core Data

**Core Data:** Some BC Ministry of Health data sets available through PopData and HDPBC are called 'Core Data'. A Core Data set is a standardized 'bundle' of commonly requested variables. A Core Data set may not include ALL the variables available in the data set. For example, some Core Data variables, such as geography or organisational codes, are suppressed to meet privacy legislation requirements.

**Non-Core Data:** Non-Core Data are variables that are **NOT** included in the standardized Core Data set. Non-Core Data is available for request **as an addition** to the Core Data set.

For the majority of DARs, requesting access to Core Data ONLY may make the data access approval process quicker and may expedite data provision. Data requests that include Non-Core Data will be subject to regular rather than expedited processes, both for application review and data provisioning.

## ALL AVAILABLE VARIABLES

Name	Core vs Non-Core	Description
NACRS_CORE.PHN*	Core	BC Personal Health Number. PERSONAL HEALTH NUMBERS IN THIS FIELD HAVE BEEN REPLACED BY PROJECT-SPECIFIC ID NUMBERS.
NACRS_CORE.FILEYEAR	Core	Fiscal Year of encounter
NACRS_CORE.BATPD	Core	Fiscal Period of the patient's visits as determined by the Date of Registration (data element 27). The period submitted follows the submission period dates defined by the reporting jurisdiction, so BC's 13 fiscal periods do not apply to out of province records.
NACRS_CORE.EDVISIT	Core	Indicates whether a visit reported under the emergency MIS functional centre account code is a "true" ED visit or an arranged day surgery or clinic visit taking place in the emergency department.
NACRS_CORE.HOSPPROV	Core	Identifies the province in which the hospital is located.
NACRS_CORE.HOSP*	Core	3 digit BC Hospital Number. HOSPITAL NUMBERS IN THIS FIELD HAVE BEEN REPLACED BY PROJECT-SPECIFIC ID NUMBERS.
NACRS_CORE.HOSPFROM*	Core	3 digit BC Hospital Number. HOSPITAL NUMBERS IN THIS FIELD HAVE BEEN REPLACED BY PROJECT-SPECIFIC ID NUMBERS.
NACRS_CORE.HOSPPTO*	Core	3 digit BC Hospital Number. HOSPITAL NUMBERS IN THIS FIELD HAVE BEEN REPLACED BY PROJECT-SPECIFIC ID NUMBERS.
NACRS_CORE.VISDISP	Core	The patient's type of separation from the ambulatory care service after registration to that service.
NACRS_CORE.REGDATE	Core	Date and time when the patient is officially registered as a patient.
NACRS_CORE.TRIAGEDATE	Core	Date and time when the patient is triaged in the ED
NACRS_CORE.ASSESSDATE	Core	Date and time when the patient was first assessed by a physician.
NACRS_CORE.LEFTERDT	Core	Date Patient left ED
NACRS_CORE.DISPDATE	Core	Date and time when the main service provider makes the decision about the patient's disposition.
NACRS_CORE.WAITPIA	Core	Assessment wait time
NACRS_CORE.ERTIME	Core	Time spent in emergency
NACRS_CORE.TTODHRS	Core	Time to disposition
NACRS_CORE.LOSHRS	Core	Length of stay hours
NACRS_CORE.SHIFT	Core	Shift info based on earlier of REGDATE or TRIAGEDATE. Valid values: 12am-8 am, 8am-4pm and 4 pm-12am
NACRS_CORE.WEEKDAY	Core	Day of the Week based on earlier of REGDATE or TRIAGEDATE. Valid values: MON, TUE, WED, THU, FRI, SAT and SUN
NACRS_CORE.HCN*	Core	Health Care Number
NACRS_CORE.HCNPROV	Core	Province issuing Health Care Number. The provincial/territorial or federal government from which the health care number was issued.
NACRS_CORE.TRIAGELEVEL	Core	Scale to categorize patients according to the type and severity of their initial presenting signs and symptoms.

NACRS_CORE.AMBULANC	Core	Ambulance code. Code used to indicate if the Patient was brought to the facility by ambulance.
NACRS_CORE.GENDER	Core	Patient's Gender
NACRS_CORE.DOB	Core	Birth Date of Patient YYYYMMDD.
NACRS_CORE.DOBEST	Core	Flag to indicate that all or part of the patient's date of birth is estimated.
NACRS_CORE.AGEYRS	Core	A Patient's age in years at the time of discharge.
NACRS_CORE.AGEMTH	Core	Age in months
NACRS_CORE.AGE10	Core	Age grouping by 5-year age groups till age 94 and greater
NACRS_CORE.LHA3	Core	Local Health Area from TMF based on translation of valid BC postal code only. In 2018 the LHA numbers where recoded, the value in this column reflects the new (2018) version of the LHA number.
NACRS_CORE.REF_CLNT_GEOG_KEY	Core	Foreign key to Client Geography (Level 3).
NACRS_CORE.POSTAL	Non-Core	Postal code to identify patient's place of residence.
NACRS_CORE.POSTAL3CHAR	Core	Postal code to identify patient's place of residence. First 3 digits.
NACRS_CORE.RFP	Core	The body responsible for payment of the patient's hospitalization
NACRS_CORE.LEVLFROM	Core	Institution from type.
NACRS_CORE.LEVLTO	Core	Institution to type.
NACRS_CORE.NACRS_CASE_ID	Core	NACRS record id
NACRS_CORE.DAD_CASE_ID	Core	Unique Record Number of related DAD record. Generated by BC MoH.
NACRS_CORE.COMPLAINT1	Core	Primary compliant (CEDIS presenting compliant code) is the primary symptom, complaint, problem or reason for seeking emergency medical care as identified by the patient expressed in terms as close as possible to those used by the patient or responsible informant.
NACRS_CORE.COMPLAINT2	Core	Primary compliant (CEDIS presenting compliant code) is the primary symptom, complaint, problem or reason for seeking emergency medical care as identified by the patient expressed in terms as close as possible to those used by the patient or responsible informant.
NACRS_CORE.COMPLAINT3	Core	Primary compliant (CEDIS presenting compliant code) is the primary symptom, complaint, problem or reason for seeking emergency medical care as identified by the patient expressed in terms as close as possible to those used by the patient or responsible informant.
NACRS_CORE.EDDIAG1	Core	ED Discharge Diagnosis [1-3] (CED-DxS ED discharge diagnosis code) is the physician's diagnosis of the patient at the time of discharge from ED.
NACRS_CORE.EDDIAG2	Core	ED Discharge Diagnosis [1-3] (CED-DxS ED discharge diagnosis code) is the physician's diagnosis of the patient at the time of discharge from ED.
NACRS_CORE.EDDIAG3	Core	ED Discharge Diagnosis [1-3] (CED-DxS ED discharge diagnosis code) is the physician's diagnosis of the patient at the time of discharge from ED.
NACRS_CORE.CDU	Core	Indicates if the patient was placed in a Clinical Decision Unit during their emergency visit.
NACRS_CORE.CDUINDATE	Core	Date and time when the patient arrived in the Clinical Decision Unit
NACRS_CORE.CDUOUTDATE	Core	Date and time when the patient leaves the Clinical Decision Unit.
NACRS_CORE.RESPPHYS*	Core	Provider 1 Number. MSP billing number to identify the Provider who was most responsible for the Patient's care. REPLACED WITH PROJECT-SPECIFIC IDNUMBERS
NACRS_CORE.DOC_SPEC	Core	A code which identifies the Training or Specialty of the Provider responsible for the Patient's care
NACRS_CORE.PROVTYP1	Core	A code which identifies the role of the Provider responsible for the care of the Patient during hospitalization.
NACRS_CORE.PROVNUM2*	Core	Provider 2 number
NACRS_CORE.PROVSRV2	Core	Provider 2 specialty
NACRS_CORE.PROVTYP2	Core	Role of provider type 2
NACRS_CORE.ED_ARRIVAL_LEGAL_STATUS	Core	This is a new Mental Health indicator field as of 2018/19. Information in this field augments information collected in Special Project 300. Valid Values are 10-99, blank. The field is mandatory across the nation and has been implemented.
NACRS_CORE.MHSU_DD	Core	This new field is a flag extrapolated by MoH to indicate when any of EDDIAG1, EDDIAG2 or EDDIAG3 contains picklist codes corresponding to Mental Health Substance Use Diagnoses (excludes injury codes related to poisoning to best align to MoH Mental Health definition used for DAD and CIHI defined). Valid values are binomial; 1 or 0. Picklist codes in (F100, F103, F119, F139, F149, F159, F169, F189, F199, F209, F239, F319, F329, F419, F489, F509, F609). Excludes codes F03 (Dementia), F059 (Delirium), F072 (Postconcussional syndrome) and F99 (Mental disorder, other/unspecified).
NACRS_CORE.MHSU_PC	Core	This new field is a flag extrapolated by MoH to indicate when any of COMPLAINT1, COMPLAINT2 or COMPLAINT 3 contains picklist codes corresponding to Mental Health/Substance Use (includes codes related to Mental Health and Substance Misuse as defined by CIHI categories within the CED-DXs picklist). Valid values are binomial; 1 or 0. Picklist codes between 351 and 400 (MH) or between 751 and 800 (SU).
NACRS_CORE.RESTRAINT_TYPE1	Core	This is a new Mental Health indicator field as of 2018/19. Valid values are M, C, P, S, N, blank. There are four occurrences of the Type of Restraint field, each aligned with a Frequency of Restraint Use Field that must be completed.

NACRS_CORE.RESTRAINT_FREQ1	Core	New Mental Health indicator field as of 2018/19. Valid values are C, D, I, U, N, blank. There are four occurrences of the Frequency of Restraint Use field. This must be complete if its <u>corresponding Type of Restraint Field is not null.</u>
NACRS_CORE.RESTRAINT_TYPE2	Core	This is a new Mental Health indicator field as of 2018/19. Valid values are M, C, P, S, N, blank. There are four occurrences of the Type of Restraint field, each aligned with a Frequency of Restraint Use Field that must be completed.
NACRS_CORE.RESTRAINT_FREQ2	Core	New Mental Health indicator field as of 2018/19. Valid values are C, D, I, U, N, blank. There are four occurrences of the Frequency of Restraint Use field. This must be complete if its <u>corresponding Type of Restraint Field is not null.</u>
NACRS_CORE.RESTRAINT_TYPE3	Core	This is a new Mental Health indicator field as of 2018/19. Valid values are M, C, P, S, N, blank. There are four occurrences of the Type of Restraint field, each aligned with a Frequency of Restraint Use Field that must be completed.
NACRS_CORE.RESTRAINT_FREQ3	Core	New Mental Health indicator field as of 2018/19. Valid values are C, D, I, U, N, blank. There are four occurrences of the Frequency of Restraint Use field. This must be complete if its <u>corresponding Type of Restraint Field is not null.</u>
NACRS_CORE.RESTRAINT_TYPE4	Core	This is a new Mental Health indicator field as of 2018/19. Valid values are M, C, P, S, N, blank. There are four occurrences of the Type of Restraint field, each aligned with a Frequency of Restraint Use Field that must be completed.
NACRS_CORE.RESTRAINT_FREQ4	Core	New Mental Health indicator field as of 2018/19. Valid values are C, D, I, U, N, blank. There are four occurrences of the Frequency of Restraint Use field. This must be complete if its <u>corresponding Type of Restraint Field is not null.</u>
NACRS_CORE.ED_INTRV_CD1	Core	New Intervention field as of 2018/19. Valid values are between I01 and I28, coming from the ED intervention picklist. Blank values are also valid if no intervention was performed. This field has <u>three occurrences of the ED Intervention</u>
NACRS_CORE.ED_INTRV_CD2	Core	New Intervention field as of 2018/19. Valid values are between I01 and I28, coming from the ED intervention picklist. Blank values are also valid if no intervention was performed. This field has <u>three occurrences of the ED Intervention</u>
NACRS_CORE.ED_INTRV_CD3	Core	New Intervention field as of 2018/19. Valid values are between I01 and I28, coming from the ED intervention picklist. Blank values are also valid if no intervention was performed. This field has <u>three occurrences of the ED Intervention</u>
NACRS_CORE.ED_INTRV_CD4	Core	New Intervention field as of 2018/19. Valid values are between I01 and I28, coming from the ED intervention picklist. Blank values are also valid if no intervention was performed. This field has <u>three occurrences of the ED Intervention</u>
NACRS_CORE.ED_INTRV_CD5	Core	New Intervention field as of 2018/19. Valid values are between I01 and I28, coming from the ED intervention picklist. Blank values are also valid if no intervention was performed. This field has <u>three occurrences of the ED Intervention</u>
NACRS_CORE.ED_INTRV_CD6	Core	New Intervention field as of 2018/19. Valid values are between I01 and I28, coming from the ED intervention picklist. Blank values are also valid if no intervention was performed. This field has <u>three occurrences of the ED Intervention</u>
NACRS_CORE.ED_INVSTG_TCHNLGY_CNT1	Core	ED Investigation Technology; there are six occurrences.
NACRS_CORE.ED_INVSTG_TCHNLGY_CNT2	Core	ED Investigation Technology; there are six occurrences.
NACRS_CORE.ED_INVSTG_TCHNLGY_CNT3	Core	ED Investigation Technology; there are six occurrences.
NACRS_CORE.ED_INVSTG_TCHNLGY_CNT4	Core	ED Investigation Technology; there are six occurrences.
NACRS_CORE.ED_INVSTG_TCHNLGY_CNT5	Core	ED Investigation Technology; there are six occurrences.
NACRS_CORE.ED_INVSTG_TCHNLGY_CNT6	Core	ED Investigation Technology; there are six occurrences.
NACRS_CORE.CREATE_DATE_TIME	Core	The date and time of the record's creation.
NACRS_CORE.UPDATE_DATE_TIME	Core	The date and time of the record's last update.

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