

National Ambulatory Care Reporting System

Fraser Health Authority

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Agenda

- Overview
- NACRS Data
- FHA Process
 - Rollout
 - Coding
 - Resources
- Summary

What is NACRS?

- National Ambulatory Care Reporting System
- Database for Emergency department visits
- Data collection
 - Demographic
 - Administrative
 - Clinical Data elements
- Data comparability
 - Institution
 - Authority
 - Provincial
 - National

Data Submission Levels

Comparison of Data Submission Levels

Level 1 (ED Only)	Level 2 (ED Only)	Level 3
<ul style="list-style-type: none"> • Wait times data elements 	<ul style="list-style-type: none"> • Wait times data elements 	<ul style="list-style-type: none"> • All data elements
<ul style="list-style-type: none"> • Optional pick-lists for Presenting Complaint and ED Discharge Diagnosis • Optional ICD-10-CA codes for Main Problem • No CACS variables 	<ul style="list-style-type: none"> • Pick-lists for Presenting Complaint and ED Discharge Diagnosis (completion of at least one is mandatory) • Optional ICD-10-CA codes for Main Problem • No CACS variables 	<ul style="list-style-type: none"> • Optional pick-lists for Presenting Complaint and ED Discharge Diagnosis • Mandatory to submit diagnoses and interventions using ICD-10-CA/CCI codes • All CACS variables

*** *FHA submits Level 2 for all sites***

Project Timeline for NACRS

- 2010 MOH Mandate
- 2012 rollout at 4 FHA sites
- 2013 rollout at 8 FHA sites

Go Live – April 1, 2012

- Abbotsford Regional Hospital
- Burnaby Hospital
- Royal Columbian Hospital
- Surrey Memorial Hospital

Go Live – Fiscal 2013

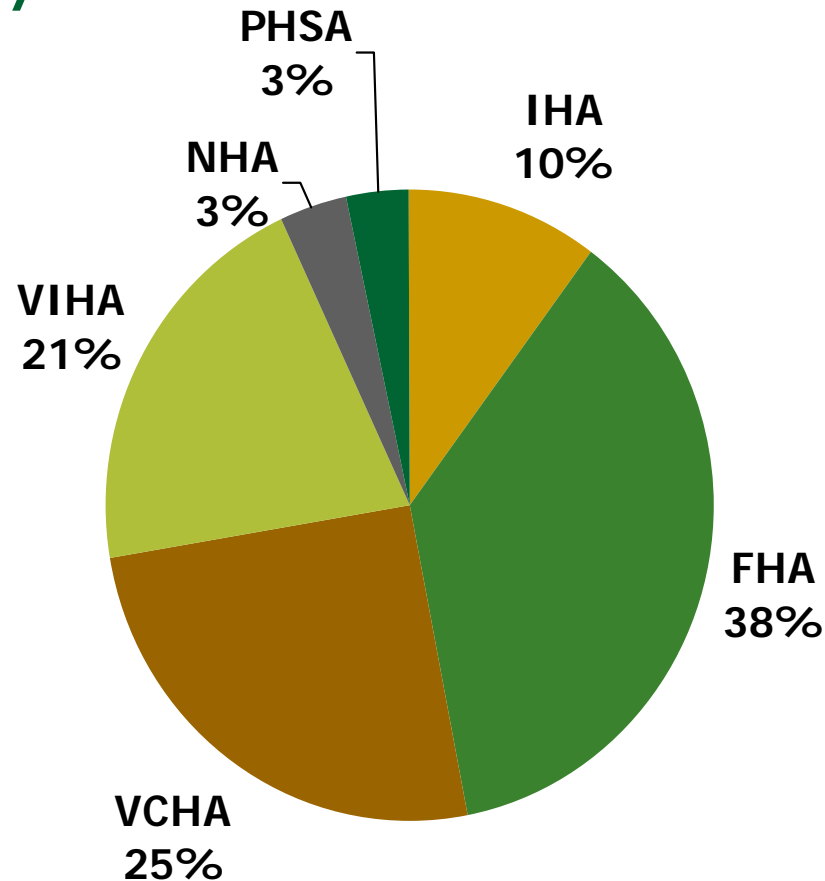
- Chilliwack General Hospital
- Delta Hospital
- Eagle Ridge Hospital
- Fraser Canyon Hospital
- Langley Memorial Hospital
- Mission Memorial Hospital
- Peace Arch Hospital
- Ridge Meadows Hospital

Fraser Health NACRS

FHA Site	NACRS Go Live	Total ED Visits (May 2014)	Total ED Visits * FY 2013/14
Abbotsford Regional Hospital (ARH)	01-Apr-12	5,808	66,851
Burnaby Hospital (BH)	01-Apr-12	6,973	75,073
Royal Columbian Hospital (RCH)	01-Apr-12	6,195	70,561
Surrey Memorial Hospital (SMH)	01-Apr-12	11,219	117,522
Delta Hospital (DH)	09-Jun-13	2,574	24,185
Peace Arch Hospital (PAH)	09-Jul-13	4,333	35,345
Fraser Canyon Hospital (FCH)	24-Jul-13	1,026	7,932
Ridge Meadows Hospital (RMH)	15-Aug-13	3,145	22,049
Mission Memorial Hospital (MMH)	18-Sep-13	1,646	10,064
Chilliwack General Hospital (CGH)	23-Sep-13	4,806	28,017
Eagle Ridge Hospital (ERH)	29-Oct-13	4,387	20,564
Langley Memorial Hospital (LMH)	08-Nov-13	3,783	17,258
FH Total ED Visits:		55,895	495,421

*** Does not include a full year of data due to rollout of last 8 sites**

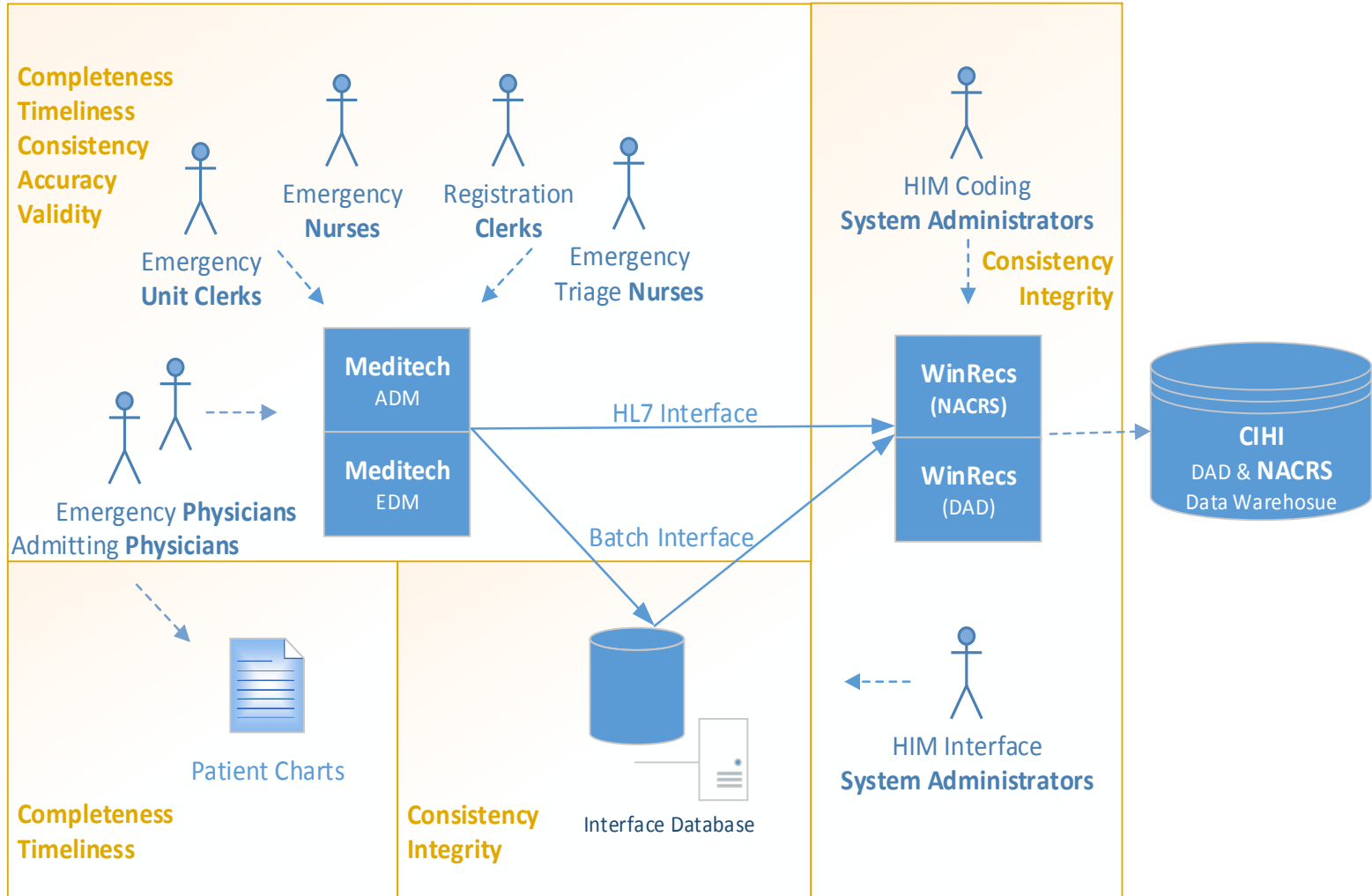
BC Total ED Visits Fiscal 2013/14



Source: MOH Compliance Summary Report April 15, 2014

NACRS process at FHA

Automated approach



FHA NACRS Data Elements

1. Facility's Inst #
2. Coder #
3. Chart #
4. HCN
5. Province Issuing HCN
6. Resp for Payment
7. Postal Code
8. Residence Code
9. Gender
10. Birth Date
11. Birth Date Is Est
12. Registration #
13. Visit MIS Functional Account Code
14. Admit via Ambul
15. Mode of Visit/Contact
16. Arrival Date
17. Arrival Time
18. Triage Date
19. Triage Time
20. Triage Level (CTAS)
21. Date of Registration
22. Time of Registration
23. Institution From
24. Date of Physician Initial Assessment
25. Time of Physician Initial Assessment
26. Provider
27. Provider Service
28. Provider Number
29. Visit Disposition
30. Disposition Date
31. Disposition Time
32. Date Patient Left ED
33. Time Patient Left ED
34. CDU Flag
35. CDU Date in
36. CDU Time in
37. CDU Date out
38. CDU Time out
39. Submission Level Code
40. Presenting Complaint
41. ED Disch Diagnosis
42. ED Visit Indicator

NACRS Coding at FHA

NACRS Pick Lists

1. Presenting Complaint List
2. Canadian Emergency Department Diagnoses Shortlist (CED-DxS)

Presenting Complaint List (PCL)

Canadian Emergency Department Information System (CEDIS) Presenting Complaint List (V2.0)

Effective Date: April 2012

Cardiovascular (001–050)	#	Environmental (201–250)	#	Genitourinary (301–350) cont'd	#
Cardiac arrest (non-traumatic)	001	Frostbite/cold injury	201	Polyuria	309
Cardiac arrest (traumatic)	002	Noxious inhalation	202	Genital trauma	310
Chest pain—cardiac features	003	Electrical injury	203	Mental Health (351–400)	#
Chest pain—non-cardiac features	004	Chemical exposure	204	Depression/suicidal/deliberate self-harm	351
Palpitations/irregular heart beat	005	Hypothermia	205	Anxiety/situational crisis	352
Hypertension	006	Near drowning	206	Hallucinations/delusions	353
General weakness	007	Gastrointestinal (251–300)	#	Insomnia	354
Syncope/pre-syncope	008	Abdominal pain	251	Violent/homicidal behaviour	355
Edema, generalized	009	Anorexia	252	Social problem	356
Bilateral leg swelling/edema	010	Constipation	253	Bizarre behaviour	358
Cool pulseless limb	011	Diarrhea	254	Concern for patient's welfare	359
Unilateral reddened hot limb	012	Foreign body in rectum	255	Pediatric disruptive behaviour	360
ENT—Ears (051–100)	#	Groin pain/mass	256	Neurologic (401–450)	#
Earache	051	Nausea and/or vomiting	257	Altered level of consciousness	401
Foreign body, ear	052	Rectal/perineal pain	258	Confusion	402
Loss of hearing	053	Vomiting blood	259	Vertigo	403

Mapping of PCL

251	GIABUPPERV	Abd Pain, Sev, Pers +/- Vomt	2-251
251	GIABDSHOCK	Abd pain, Sev Shock/Hypo	1-251
251	PABDACUTE	Abd Pain, Acute/V&D(PED)	2-251
251	PABDCHRO	Abd Pain, Chronic (PED)	4-251
251	PABDMINDEH	Abd Pain, Min Dehyd(PED)	3-251
251	PABDSHOCK	Abd Pain, Shock (PED)	1-251
252	GIANOREX	Anorexia, Looks Well	4-252
252	GIANOREXUN	Anorexia, Looks Unwell	3-252
253	GICONSTI	Constipation	4-253
253	PGICONSTIP	Constipation (PED)	4-253
254	GIDIAR	Diarrhea, Looks Well	4-254
254	GIDIARHEM	Diarrhea, Hemo Compro	2-254
254	GIDIARSEV	Diarrhea, Shock	1-254
254	GIDIARUN	Diarrhea, Looks Unwell	3-254
254	PDIADDEHY	Diarrhea, Dehyd (PED)	3-254
254	PDIAMIN	Diarrhea, Minor (PED)	5-254
255	GIFBREC	FB Rectum, Looks Well	4-255
255	GIFBRECUN	FB Rectum, Looks Unwell	3-255

Canadian Emergency Department Diagnosis Shortlist (CED-DxS)

Q430	Meckel's diverticulum	R99	Other causes mortality
Q431	Hirschsprung's disease	Injury, poisoning and other	
Q899	Congenital malformation	T009	Sup inj multiple
Q999	Chromosomal abnormality	T0190	OW multip, uncompl
Symptoms, signs and abnormal findings		T0191	OW multip + FB / Infection
R000	Tachycardia	T0290	Fx multip, closed
R001	Bradycardia	T0291	Fx multip, open
R002	Palpitations	T110	Sup inj upper limb
R040	Epistaxis	T111	OW upper limb
R042	Hemoptysis	T130	Sup inj lower limb
R05	Cough	T131	OW lower limb
R060	SOB - Dyspnea	T147	Crushing inj unsp
R061	Stridor	T150	FB in cornea
R064	Hyperventilation	T159	FB on external eye
R066	Hiccough	T16	FB in ear
R074	CP - Chest pain	T171	FB in nostril
R092	Respiratory arrest	T179	FB in respiratory tract
R100	Acute abdomen	T181	FB in esophagus
R102	Pelvic and perineal pain	T185	FB in anus and rectum
R103	Rectal pain	T186	FB in rectum

FHA Coding Tool

HIM Web Portal > FHA NACRS > Reports

Actions    1 of 1   Find Next 100% 

Parameters

Enter Search Keyword

pneumonia

NACRS Discharge Diagnosis Code (NACRS)- Search

This report allows you to search ED Discharge Diagnosis Pick-List (NACRS) to find the code.

To search by a keyword or code, please enter the word in the parameter field on the right hand side of the screen and either press enter or click on APPLY button.

Category		ED Discharge Diagnosis Code (NACRS)	Searchable Terms	Billing Code
RE	Respiratory	J189	Pneumonia	486 - Pneumonia, unspecified
RE	Respiratory	J690	Aspiration pneumonia	507.0 - Pneumonitis due to food and vomit

NACRS Data Quality Reports | Prepared by Lower Mainland Health Information Management, Coding

FHA Coding Tool

Actions 1 of 1 Find Next 100%

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Category		ED Discharge Diagnosis Code (NACRS)		Searchable Terms	Billing Code
EE	Eye and Adnexa	H109	Conjunctivitis	Pink Eye	372.30 - Conjunctivitis, unspecified

NACRS Data Quality Reports | Prepared by Lower Mainland Health Information Management, Coding

NACRS Resources at FHA

NACRS Resources

- Coding Tool
- Education/Support
- Sharepoint Site for ED Unit Clerks

NACRS Sharepoint Site



Emergency Department NACRS

fraserhealth

Home

[View All Site Content](#)

Coding Tools

- [Online Search](#)
- [Spreadsheet](#)
- [Placemat](#)

Super User Training Material

- [NACRS Training Manual](#)
- [ED Discharge Diagnosis Scenarios](#)
- [Placemat](#)
- [Abbreviation List](#)

NACRS DQ Reports

- [ARH](#)
- [BH](#)
- [CGH](#)
- [DH](#)
- [ERH](#)
- [FCH](#)
- [LMH](#)

Welcome to the NACRS site for ED Unit Clerks!

This SharePoint site is established to provide FHA ED Unit Clerks across all Fraser Health sites easy access to the resources and documents they need to reference in order to collect NACRS data. It also includes a section to be able to ask system related or Coding questions.

[What is a NACRS?](#)

[What are NACRS Data Fields?](#)

[NACRS FAQ](#)

[Click here to submit a question/spreadsheet update](#)

NACRS Site Administrators:

For System (Meditech ADM/EDM) related or Coding questions please contact:

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For any Coding specific questions please contact:

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Next Step

- Improve Data Quality
- Liaise with different departments
- Online Education

Thanks for your time

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