



NB-IRDT

New Brunswick Institute for
Research, Data and Training

Drug Information System DH07

Compiled by: NB-IRDT Staff

How to Obtain More Information

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About this Codebook

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Due to the operational nature of administrative data sets, there is potential for discrepancies between the names of variables and their corresponding definitions. In the case of such a discrepancy, the variable definition should be considered the most accurate representation.

Overview

The NB Drug Information System (DIS) is an electronic system that allows authorized health care providers such as community pharmacists, family physicians, optometrists, and dentists to access and manage individuals' medication information.

Sample Universe

Everyone in the province who was prescribed a medication belonging to the following list of ATCs:

A03C
C02A
C02C
C07A
N03A
N05A
N05B
N05C
N06A
N06B
N06C
N06D

Date Range

September 18 2009 to June 18 2021

Data Source

New Brunswick Department of Health

How to Cite this Codebook

New Brunswick Institute for Research, Data and Training. (2021). Drug Information System DH07 Codebook for the range. Fredericton, NB: New Brunswick Institute for Research, Data and Training.

Acknowledgements

The DH07 Drug Information System Database is used with the permission of The New Brunswick Department of Health.

About this Product

Purpose of the Product

The purpose of the DH07 Drug Information System Data Codebook is to provide information on the linkable New Brunswick Drug Information System data held at the New Brunswick Institute for Research, Data and Training (NB-IRDT). This data is accessible to researchers for public health research.

Definitions and Concepts

Only prescriptions from the following ATCs are included in the dataset:

A03C
C02A
C02C
C07A
N03A
N05A
N05B
N05C
N06A
N06B
N06C
N06D

Content

Content same as what is listed in the record layout.

General Methodology

TBD

Limitations

Total quantity, dispensed quantity, and drugs remaining quantity do not mean what they really should (i.e., ideally, with each prescription dispensation, we would see a decrease in drugs remaining until it goes to 0 when sum of all dispensed quantities = total quantity. This is not the case currently and is something we need to ask DH about in subsequent data extracts for other projects.

Comparison to Other Products/Versions

Related to the prescription drug program data.

Using with Other Products

N/A

Record Layouts and Data Descriptions

NB Drug Information System

If only one data set is contained, then summarize the data set content using the following table format:

#	Name	Label	Type
1	scram_id	IRID	N
2	PATIENT_DOB	Patient Date Of Birth	N
3	DRUG_CODE	Drug Code	N
4	DRUG_NAME	Drug Name	C
5	DISPENSE_FILL	Dispense Fill	C
6	DISPENSE_DATE	Dispense Date	N
7	DISPENSE_FILL_SEQUENCE	Dispense Fill Sequence	C
8	ATC_CODE	ATC Code	C
9	PRESCRIPTION_STATUS	Prescription Status	C
10	DISPENSE_STATUS	Dispense Status	C
11	DRUG_TOTAL_QUANTITY	Drug Total Quantity	N
12	DRUG_DISPENSED_QUANTITY	Drug Dispensed Quantity	N
13	DRUG_REMAINING_QUANTITY	Drug Remaining Quantity	N
14	PHARMACIST_TYPE_DESC	Pharmacist Type Desc	C
15	PRESCRIBER_TYPE_CODE	Prescriber Type Code	C
16	PRESCRIBER_TYPE_DESC	Prescriber Type Desc	C
17	PRESCRIBER_LICENSE_NUM_COD E	Prescriber License Number Code	C

A database with multiple data sets will have a similar table for each data set within it.

For each variable within a data set, the following format can be used:

Scram_ID

IRID

PATIENT_DOB

Patient date of birth

DRUG_CODE

Drug code.

DRUG_NAME

Drug name.

DISPENSE_FILL

Dispense fill.

Code	Description - English	Description - French
DF		
FF	First fill	
FFP		
RF	Refill	
RFF		
RFP		
TB		
TF		

DISPENSE_DATE

Dispense date.

DISPENSE_FILL_SEQUENCE

Dispense fill sequence.

ATC_Code*

Anatomical Therapeutic Chemical Code.

Code	Description - English	Description - French
A03CA02	CLINIDIUM AND PSYCHOLEPTICS	
C02AB02	METHYLDOPA (RACEMIC)	
C02AC01	CLONIDINE	
C02AC02		
C02CA01	PRAZOSIN	
C02CA04	DOXAZOSIN	
C07AA03	PINDOLOL	
C07AA05	PROPRANOLOL	
C07AA06	TIMOLOL	
C07AA07	SOTALOL	
C07AA12	NADOLOL	
C07AB02	METOPROLOL	
C07AB03	ATENOLOL	
C07AB04	ACEBUTOLOL	
C07AB07	BISOPROLOL	
C07AB12		
C07AG01	LABETALOL	
C07AG02	CARVEDILOL	
N03AA02	PHENOBARBITAL	
N03AA03	PRIMIDONE	
N03AB02	PHENYTOIN	

N03AD01	ETHOSUXIMIDE
N03AE01	CLONAZEPAM
N03AF01	CARBAMAZEPINE
N03AF02	OXCARBAZEPINE
N03AF03	RUFINAMIDE
N03AF04	
N03AG01	VALPROIC ACID
N03AG04	VIGABATRIN
N03AX09	LAMOTRIGINE
N03AX11	TOPIRAMATE
N03AX12	GABAPENTIN
N03AX14	LEVETIRACETAM
N03AX16	PREGABALIN
N03AX17	STIRIPENTOL
N03AX18	LACOSAMIDE
N03AX22	PERAMPANEL
N03AX23	
N05AA01	CHLORPROMAZINE
N05AA02	LEVOMEPROMAZINE(METHOTRIMEP RAZINE)
N05AB02	FLUPHENAZINE
N05AB03	PERPHENAZINE
N05AB04	PROCHLORPERAZINE
N05AB06	TRIFLUOPERAZINE
N05AC01	PERICIAZINE
N05AD01	HALOPERIDOL
N05AE04	ZIPRASIDONE
N05AE05	LURASIDONE
N05AF01	FLUPENTIXOL
N05AF05	ZUCLOPENTHIXOL
N05AG02	PIMOZIDE
N05AH01	LOXAPINE
N05AH02	CLOZAPINE
N05AH03	OLANZAPINE
N05AH04	QUETIAPINE
N05AH05	ASENAPINE
N05AN01	LITHIUM
N05AX08	RISPERIDONE
N05AX12	ARIPIRAZOLE
N05AX13	PALIPERIDONE
N05AX16	
N05BA01	DIAZEPAM

N05BA02	CHLORDIAZEPOXIDE
N05BA04	OXAZEPAM
N05BA05	CLORAZEPATE POTASSIUM
N05BA06	LORAZEPAM
N05BA08	BROMAZEPAM
N05BA09	CLOBAZAM
N05BA12	ALPRAZOLAM
N05BB01	HYDROXYZINE
N05BE01	BUSPIRONE
N05CC01	CHLORAL HYDRATE
N05CD01	FLURAZEPAM
N05CD02	NITRAZEPAM
N05CD05	TRIAZOLAM
N05CD07	TEMAZEPAM
N05CD08	MIDAZOLAM
N05CF01	ZOPICLONE
N05CF02	
N05CF04	
N05CH01	
N05CM	
N05CM05	SCOPOLAMINE
N05CM08	
N05CM09	
N06AA01	DESIPRAMINE
N06AA02	IMIPRAMINE
N06AA04	CLOMIPRAMINE
N06AA06	TRIMIPRAMINE
N06AA09	AMITRIPTYLINE
N06AA10	NORTRIPTYLINE
N06AA12	DOXEPIN
N06AB03	FLUOXETINE
N06AB04	CITALOPRAM
N06AB05	PAROXETINE
N06AB06	SERTRALINE
N06AB08	FLUVOXAMINE
N06AB10	ESCITALOPRAM
N06AF03	PHENELZINE
N06AF04	TRANLYCYPROMINE
N06AG02	MOCLOBEMIDE
N06AX	
N06AX02	TRYPTOPHAN

N06AX05	TRAZODONE
N06AX11	MIRTAZAPINE
N06AX12	AMFEBUTAMONE (BUPROPION)
N06AX16	VENLAFAXINE
N06AX21	DULOXETINE
N06AX23	
N06AX24	
N06AX26	
N06AX27	
N06BA01	AMPHETAMINE
N06BA02	DEXAMPHETAMINE
N06BA04	METHYLPHENIDATE
N06BA07	MODAFINIL
N06BA09	ATOMOXETINE
N06BA12	LISDEXAMFETAMINE
N06BC01	
N06DA02	DONEPEZIL
N06DA03	RIVASTIGMINE
N06DA04	GALANTAMINE
N06DX01	

PERSCRPTION_STATUS

Prescription status.

DISPENSE_STATUS

Dispense status.

DRUG_TOTAL_QUANTITY

Drug total quantity.

DRUG_DISPENSED_QUANTITY

Drug dispensed quantity.

DRUG_REMAINING_QUANTITY

Drug remaining quantity.

PHARMACIST_TYPE_DESC

Pharmacist type description.

PRESCRIBER_TYPE_CODE

Prescriber type code.

Code	Description - English	Description - French
DEN	Dentist	Dentiste
MD	Medical Doctor	Médecin
NULL	Other	Autre
OPT	Optometrist	Optométriste
PHARM	Pharmacist	Pharmacien
RNP	Registered Nurse Practitioner	Infirmière praticienne autorisée

PERSCRIBER_TYPE_DESC*

Prescriber type description.

PERSCRIBER_LICENSE_NUM_CODE

Prescriber license number code.

Code	Description - English	Description - French
DEFAULT_PROVIDER	Default Provider	
NBDLN		
NBMSLN		
NBNPRN	New Brunswick Nurse Practitioner Registered Nurse	
NBOLN		
NBLPN	New Brunswick Licenced Practical Nurse	

Document History

Version	Author	Nature of Change	Date
1.0	Meg Pike	Create	12-08-2021
1.1	Meg Pike	Final review before posting	06-10-200