



NB-IRDT

New Brunswick Institute for
Research, Data and Training

New Brunswick Prescription Drug Program

**Codebook
For Years 2008-2017**

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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 go.unb.ca/fr-nbirdt
- email us at nb-irdt@unb.ca
- call us at 506-447-3363 Monday to Friday, 8:30am to 4:30pm

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About this Codebook

This codebook contains information about the New Brunswick (NB) drug claims from the provincial drug program. This data product is provided 'as is,' and NB-IRDT makes no warranty, either express or implied, including but not limited to warranties of merchantability and fitness for a particular purpose. In no event will NB-IRDT be liable for any direct, special, indirect, consequential or other damages, however caused.

Overview

The New Brunswick (NB) Prescription Drug Program provides prescription drug benefits to eligible residents of NB. Eligible beneficiary groups can be viewed online at <https://www2.gnb.ca/content/gnb/en/departments/health/MedicarePrescriptionDrugPlan/TheNewBrunswickPrescriptionDrugProgram/BeneficiaryGroups.html>.

The NB Prescription Drug Program dataset contains the claims data for all drugs covered by the program. Data includes patient and physician information, details regarding drug programs, and prescription costs.

Data Range

2008-2017

Data Source

New Brunswick Department of Health

How to Cite this Codebook

New Brunswick Institute for Research, Data and Training. (2020). New Brunswick Prescription Drug Program Codebook for Years 2008-2017. Fredericton, NB: New Brunswick Institute for Research, Data and Training.

Acknowledgements

The New Brunswick Prescription Drug Program database is used with the permission of the Government of New Brunswick, Department of Health.

About this Product

Purpose of the Product

The purpose of the NB Prescription Drug Program codebook is to provide information on the linkable NB prescription drug program claims data held at NB-IRDT. This data is accessible to researchers for public health research.

Content

This dataset has 18 variables, including the scrambled individual ID.

General Methodology

NB Prescription Drug Program claims data are received by the Department of Health and are transferred to NB-IRDT after pseudonymization. These data can be linked to other datasets housed at NB-IRDT and are accessible to researchers.

Reference Date

2008-2017

Record Layouts and Data Descriptions

The following variables are included in the drug claims database.

TYPE	VARIABLE NAME	LABEL
C	IncDate	Dispense Date
C	Sex	Individual's sex
C	DOB	Individual's date of birth
C	PrescriberType	Prescribing practitioner type
C	DrugPlan	Plan ID
N	Din	Drug Identification Number
C	AtcDesc	ATC classification
N	DrugQty	Drug quantity accepted
N	DaysSupply	Number of days supply dispensed
N	IngredientAmt	Amount accepted for ingredient billed
N	DispFeeAmt	Professional fee accepted
N	AcceptedMarkupAmt	Drug cost accepted
N	PaidAmt	Plan paid amount
N	CopayAmt	Copay amount
C	PrimarySpec	Prescriber specialty
N	MarkupAmt	Markup amount accepted
C	pid	Scrambled Physician ID
C	Scram_ID	Scrambled Individual ID

IncDate

The date on which the prescription was dispensed by the provider

Sex

The sex of the patient for whom the prescription was filled

DOB

The date of birth of the patient

PrescriberType

The type of profession (e.g., physician, dentist, midwife) of the prescribing practitioner

DrugPlan

The unique identifier of the drug benefit plan contributing toward this claim, or the NB Prescription Drug Program plan under which the beneficiary is eligible

Code	Description
A	Senior
B	Cystic Fibrosis
D	NB drug plan – people not covered under the other drug plans and are unemployed can opt in by paying a premium
E	Residential facilities
F	Welfare
G	Child Welfare
H	Patients with Multiple Sclerosis
R	Transplant
S	Special Authorization
T	Growth Hormone
U	AIDS
V	Nursing home residents
W	Extra-mural

Din

The Drug Identification Number (DIN) assigned by Health Canada, or the Pseudo-DIN (PIN) assigned by the plan, that identifies the benefit (i.e., the claim)

AtcDesc

The 5-character Anatomical Therapeutic Chemical (ATC) classification, assigned by the WHO, that relates to the benefit. It is used to classify drugs by their shared chemical ingredients and according to their therapeutic effects on major body systems. See https://www.who.int/medicines/regulation/medicines-safety/toolkit_atc/en/ for more information.

DrugQty

The quantity of drug that was approved for payment by the plan

DaysSupply

The number of days for which the drug was prescribed

IngredientAmt

The amount that was accepted for the ingredient that was billed

DispFeeAmt

The amount from the total prescription cost accepted that relates to the professional fee, including dispensing fee and/or compounding fee

AcceptedMarkupAmt (DrugCostAccepted)

The amount from the total prescription cost accepted that relates to the drug ingredient cost accepted by the plan. This field includes any applicable wholesale up-charge or shipping cost that constitute a cost to the pharmacy. Pharmacy drug cost mark-up is a separate field.

PaidAmt

The amount from the total prescription cost accepted that is paid by the plan (total amount minus copay)

CopayAmt

The copay amount collectible from the beneficiary. It is the amount of the total prescription cost accepted by the plan that is not paid by the plan.

PrimarySpec

The specialty (e.g., cardiologist, orthopedist) of profession of the prescribing practitioner

MarkupAmt

The amount from the total prescription cost accepted that relates to the pharmacy drug up-charge or pharmacy drug mark-up. This amount should always be 0 when dealing with Prescription Drug Program claims.

pid

The unique identifier of the prescribing physician

Document History

Version	Author	Nature of Change		Date
1.0	Chandy Somayaji	Codebook creation		February 27, 2020
Approved by		Approval Date	Effective Date	Review Date
Eva Christensen		March 2, 2020	March 2, 2020	