



NB-IRDT

New Brunswick Institute for
Research, Data and Training

Citizen Database DH10

**Codebook
For Years 1971-2021**

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How to Obtain More Information

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About this Codebook

This reference guide is intended for users of the Citizen Database. This guide provides an overview of the data, the general methodology used in its creation and important technical information. The Citizen Database contains basic demographic and location information on all residents of New Brunswick who have been issued with a provincial Medicare card. The development of this document is an ongoing process and will receive updates when changes occur in the Citizen Database.

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.

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 Citizen Database is a digital document which contains basic demographic and location information on all residents of New Brunswick who have been issued with a provincial Medicare card. The Citizen Database captures any New Brunswick resident who has been issued a provincial Medicare card during 1971 to 2020 calendar years, as well as January of 2021. Records are generated per individual and derived directly from the New Brunswick Department of Health.

Sample Universe

New Brunswick residents who have been issued a provincial Medicare card.

Date Range

1971-01-01 to 2021-01-31

Data Source

New Brunswick Department of Health

How to Cite this Codebook

New Brunswick Institute for Research, Data and Training. (2021). Citizen Database DH10 Codebook for Years 1971-2021, 2021. Fredericton, NB: New Brunswick Institute for Research, Data and Training.

Acknowledgements

The Citizen Database is used with the permission of the New Brunswick Department of Health.

About this Product

Purpose of the Product

The purpose of the Citizen Database DH10 Codebook is to provide information on the linkable New Brunswick Citizen data held at the New Brunswick Institute for Research, Data and Training (NB-IRDT). This data is accessible to researchers for public health and other research as well as the development of population estimates and projections.

Content

This version of the Citizen Database contains three (3) groups of data: Individual Registry, Eligibility, and Individual Address.

Limitations

The Citizen Database is roughly representative of the New Brunswick population, but would not contain people living in New Brunswick without New Brunswick Medicare.

Record Layouts and Data Descriptions

Overview

The Citizen Database contains three tables:

#	Name	Unit of Observation	Variables
1	Individual Registry	An individual	17
2	Eligibility	A change in Medicare Status	5
3	Individual Address	A change in Address	17

Individual Registry

#	Name	Label	Type
1	SCRAM_ID	Individual unique identifier	C
2	TITLE	Individual title code	C
3	GENDER	Individual sex code	C
4	COMPLETE_DOB	Individual date of birth	N
5	MONTH_OF_BIRTH	Individual month of birth	N
6	YEAR_OF_BIRTH	Individual year of birth	N
7	MARITAL_STATUS	Individual marital status code	C
8	PREF_LANG	Individual preferred language code	C
9	ORGAN_DONAR_IND	Individual organ donor indicator code	C
10	CITIZEN_STATUS	Individual citizenship status code	C
11	MONTH_OF_ARRIVAL	Month of arrival to Province	N
12	YEAR_OF_ARRIVAL	Year of arrival to Province	N
13	PREV_PROV_CODE	Previous Province of residence code	C
14	COUNTRY	Previous country of residence code	C
15	PROV	Province of residence code	C
16	PROV_ABBR	Previous provincial residence abbreviation	C
17	PREV_COUNTRY	Previous country of residence code	C

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

SCRAM_ID

Code which uniquely identifies an individual.

TITLE

Individual's title.

GENDER

Code which indicates the sex of the individual.

Code	Description - English
1	Male
2	Female
95	Unknown

COMPLETE_DOB

Complete date (MMDDYYYY) of birth of individual.

MONTH_OF_BIRTH

Month (MM) on which individual was born.

YEAR_OF_BIRTH

Year (YYYY) on which individual was born.

MARITAL_STATUS

Code which indicates the marital status of the individual.

Code	Description - English
M	Married
O	Other
S	Single

PREF_LANG

Code which indicates the preferred language of the individual.

Code	Description - English
1	English
2	French
97	Unknown

ORGAN_DONAR_IND

Code which indicates if the individual has chosen to donate his/her organ(s) in the case of death.

Code	Description - English
N	No
U	Unknown
Y	Yes

CITIZEN_STATUS

Code which indicates the citizen status of the individual.

Code	Description - English
1	Unknown
2	Canadian

3	Dual Citizenship
4	Landed Immigrant
5	Permit
6	Status Indian

MONTH_OF_ARRIVAL

Month (MM) in which the individual arrived in New Brunswick from an out-of-province location.

YEAR_OF_ARRIVAL

Year (YYYY) in which the individual arrived in New Brunswick from an out-of-province location.

PREV_PROV_CODE

Code which indicates the province of residence of the individual before moving to New Brunswick (Default is New Brunswick).

COUNTRY

Code which indicates the previous country of residence of the individual (Code for Canada, all other country codes are missing).

PROV

Code which indicates the province of residence of the individual.

Code	Description - English	Description - French
10	Newfoundland	Terre-Neuve
11	Prince Edward Island	Île-du-Prince-Édouard
12	Nova Scotia	Nouvelle-Écosse
13	New Brunswick	Nouveau-Brunswick
24	Quebec	Québec
35	Ontario	Ontario
46	Manitoba	Manitoba
47	Saskatchewan	Saskatchewan
48	Alberta	Alberta
59	British Columbia	Colombie-Britannique
60	Yukon Territories	Territoire du Yukon
61	Northwest Territories	Territoires du Nord-Ouest
62	Nunavut	Nunavut
99997	Unknown	Unknown

PROV_ABBR

Abbreviation code which indicates the previous provincial location of the individual.

Code	Description - English	Description - French
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AB	Alberta	Alberta
BC	British Columbia	Columbie-Britannique
MB	Manitoba	Manitoba
NB	New Brunswick	Nouveau-Brunswick
NF	Newfoundland and Labrador	Terre-Neuve
NS	Nova Scotia	Nouvelle-Écosse
NT	Northwest Territories	Territoires du Nord-Ouest
NU	Nunavut	Nunavut
ON	Ontario	Ontario
PE	Prince Edward Island	Île-du-Prince-Édouard
QC	Quebec	Québec
SK	Saskatchewan	Saskatchewan
YT	Yukon Territories	Territoire du Yukon

PREV_COUNTRY

Previous country of residence of the individual.

Eligibility

#	Name	Label	Type
1	SCRAM_ID	Individual unique identifier	C
2	ELIG_STATUS_GROUP	Individual eligibility status group	C
3	ELIG_STATUS	Individual eligibility status code	C
4	STATUS_EFF_DATE	Eligibility status effective date	N
5	STATUS_TERM_DATE	Eligibility status end date	N

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

SCRAM_ID

Code which uniquely identifies an individual.

ELIG_STATUS_GROUP

Descriptive grouping of the eligibility status codes. Groups are Active, Inactive, and Terminated.

ELIG_STATUS

Code which indicates the eligibility status of the individual.

Code	Description - English
11	Active Eligible
12	Out-of-Province Student ¹
13	Immigrant
14	Jail
15	Fraud
16	NB Born Minor
17	New Resident
18	Returning Resident
19	Temporary Care
20	Permanent Care
21	Temp Absent
22	Extended Coverage
23	Special Act/Elig
24	Out of-Country Student ²
25	International Student ³
26	International Student Dependent ⁴
31	Armed Forces
32	RCMP
33	Federal Penitentiary
34	Institution Head of Household
35	Applied
41	Termed by Registration

42	Duplicate
43	Renumbered
44	Undelivered Card
51	Left the Province
52	Death
54	Expired Coverage
55	Expired Permit
56	Left Country
61	To Be Deleted
71	Terminated for Fraud

¹ Individual is an NB resident who studies in another province.

² Individual is an NB resident who studies in outside of Canada.

³ International students in any NB post-secondary institutions are eligible for provincial Medicare since 2017.

⁴ Dependents of international students are eligible for provincial Medicare since 2017.

STATUS_EFF_DATE

Date (MMDDYYYY) on which the eligibility status of the individual started.

STATUS_TERM_DATE

Date (MMDDYYYY) on which the eligibility status of the individual ended.

Individual Address

The records in the Individual Address table represent the address information of individuals registered for New Brunswick Medicare. Prior to 2003, each individual had one record based on their most recent address. This meant that if an individual's address changed within New Brunswick, then their new address would overwrite the old address listed for that record. However, from 2003 onward, each address change is listed as a separate record, meaning that if an individual's address changes within New Brunswick, the Individual Address table will have multiple records for that individual listing each of their previous addresses.

#	Name	Label	Type
1	SCRAM_ID	Individual unique identifier	C
2	INDIV_HHLD_ID	Individual household identifier	C
3	CARD_EXPIRY_DATE_LAST_DOC	Medicare card expiry date	N
4	LATEST_CHANGE_DOC_NO_LAST_DOC	Most recent document number	C
5	LATEST_CHANGE_DATE_LAST_DOC	Most recent document date	N
6	SCRAM_ID_HHLD_CONTACT	Household contact identifier	C
7	POSTAL_CODE	Individual postal code	C
8	COUNTRY_CODE	Individual country code	C
9	PROV_STATE_CODE	Individual province of residence code	C
10	PROV_STATE_ABBR	Province/State abbreviation	C
11	HEALTH_REGION	Individual health region code	C
12	GEO_LOCATION_CODE	Individual geographical location code	C
13	CITY_3_URB_RUR_IND	City-3 Urban/Rural Indicator	C
14	CITY_7_URB_RUR_IND	City-7 Urban/Rural Indicator	C
15	CME_URB_RUR_IND	CME Urban/Rural Indicator	C
16	EFF_DATE	Individual address effective date	N
17	TERM_DATE	Individual address termination date	N

The type 'N' refers to numeric values while 'C' refers to both alphabetic and numeric characters.

SCRAM_ID

Code which uniquely identifies an individual.

INDIV_HHLD_ID

Code which indicates a family unit.

CARD_EXPIRY_DATE_LAST_DOC

The last documented date (MMDDYYYY) of expiry of Medicare card.

LATEST_CHANGE_DOC_NO_LAST_DOC

A number indicating the document number for the suspense message.

LATEST_CHANGE_DATE_LAST_DOC

Date (MMDDYYYY) on which the suspense message was recorded.

SCRAM_ID_HHLD_CONTACT

Code used to indicate the main contact of the household.

POSTAL_CODE

Postal code portion of the individual's address.

COUNTRY_CODE

Code used to indicate the individual's country of residence.

Code	Description - English	Description - French
124	Canada	Canada
250	France	République de France
840	United States	États-Unis
997	Unknown	Unknown

PROV_STATE_CODE

Code used to indicate the individual's province/state of residence.

Code	Description - English	Description - French
10	Newfoundland	Terre-Neuve
11	Prince Edward Island	Île-du-Prince-Édouard
12	Nova Scotia	Nouvelle-Écosse
13	New Brunswick	Nouveau-Brunswick
24	Quebec	Québec
35	Ontario	Ontario
46	Manitoba	Manitoba
47	Saskatchewan	Saskatchewan
48	Alberta	Alberta
59	British Columbia	Colombie-Britannique
60	Yukon Territory	Territoire du Yukon
61	Northwest Territories	Territoires du Nord-Ouest
62	Nunavut	Nunavut
99997	Unknown	Unknown
99999	Other	Other

PROV_STATE_ABBR

Short abbreviation of the province/state.

HEALTH_REGION

Code which indicates the health region in which the individual resides.

Code	Description - English
0	Out of Province
1	Moncton
2	Saint John
3	Fredericton
4	Edmundston
5	Campbellton
6	Bathurst
7	Miramichi
9	Unknown

GEO_LOCATION_CODE

Code which identifies the geographical location of the individual.

Code	Description - English
0	Out of Province
101	Saint Martins Parish
102	St. Martins Village
104	Simonds Parish (Saint John Co.)
106	Saint John City
116	Musquash Parish
201	Grand Manan Parish
202	Seal Cove Village
203	North Head Village
204	Campobello Parish
206	West Isles Parish
208	Lepreau Parish
211	Pennfield Parish
212	Blacks Harbour Village
214	Clarendon Parish
216	Saint George Parish
218	St. George Town
221	Saint Patrick Parish
224	Saint Andrews Parish
226	Saint Andrews Town
228	Saint Croix Parish
231	Dufferin Parish
234	Saint Stephen Parish
237	St. Stephen Town
239	Saint James Parish
242	Saint David Parish
244	Dumbarton Parish

248	Grand Harbour Village
252	Grand Manan Village
301	Blissville Parish
304	Gladstone Parish
305	Tracy Village
306	Fredericton Junction Village
308	Lincoln Parish
311	Burton Parish
312	Oromocto Town
313	Oromocto 26 IRI
314	Sheffield Parish
316	Maugerville Parish
318	Northfield Parish
339	Minto Village (Sunbury Co.)
401	Petersville Parish
404	Gagetown Parish
405	Gagetown Village
406	Hampstead Parish
408	Wickham Parish
411	Cambridge Parish
413	Cambridge-Narrows Village
414	Johnston Parish
416	Brunswick Parish
418	Waterborough Parish
421	Canning Parish
422	Minto Village
424	Chipman Parish
425	Chipman Village
501	Hammond Parish
504	Upham Parish
506	Hampton Parish
507	Hampton Town
508	Rothesay Parish
509	Rothesay Town (previous)
510	Renforth Village
511	Westfield Parish
512	Grand Bay Town
513	Westfield Village
514	Kingston Parish
515	Grand Bay-Westfield Town
516	Norton Parish

518	Norton Village
521	Sussex Parish
522	Sussex Town
523	Sussex Corner Village
524	Waterford Parish
526	Cardwell Parish
528	Havelock Parish
531	Studholm Parish
534	Springfield Parish
536	Kars Parish
538	Greenwich Parish
545	Rothesay Town
551	East Riverside-Kinghurst Village
553	Fairvale Village
556	Quispamsis Town (previous)
557	Quispamsis Town
558	Gondola Point Village
601	Hopewell Parish
603	Riverside-Albert Village
604	Harvey Parish
606	Alma Village
607	Alma Parish
608	Elgin Parish
611	Hillsborough Parish
614	Coverdale Parish
620	Riverview Town
625	Hillsborough Village
701	Westmorland Parish
702	Port Elgin Village
704	Botsford Parish
705	Beaubassin East/Beaubassin-est RCR
707	Cap-Pelé Village
708	Sackville Parish
709	Sackville Town
711	Dorchester Parish
712	Dorchester Village
713	Memramcook Village
714	Fort Folly 1 IRI
716	Shediac Parish
719	Moncton Parish
722	Moncton City

724	Salisbury Parish
728	Salisbury Village
729	Petitcodiac Village
745	Dieppe City
752	Shediac Town
801	Dundas Parish
802	Cocagne RCR
803	Buctouche 16 IRI
804	Wellington Parish
805	Bouctouche Town
806	Saint Mary Parish (Kent Co.)
807	Saint-Antoine Village
808	Saint-Paul Parish
810	Harcourt Parish
811	Harcourt (incl Huskisson) Parish
812	Huskisson Parish
814	Weldford Parish
815	Richibucto 15 IRI
816	Richibucto Parish
817	Rexton Village
818	Richibucto Town
819	Saint-Charles Parish
820	Indian Island 28 IRI
821	Saint-Louis Parish
822	Saint-Louis de Kent Village
824	Acadieville Parish
826	Carleton Parish
901	Hardwicke Parish
904	Glenelg Parish
906	Chatham Parish
907	Loggieville Village
908	Chatham Town
911	Derby Parish
914	Nelson Parish
915	Nelson-Miramichi Village
916	Rogersville Parish
917	Rogersville Village
918	Blackville Parish
919	Blackville Village
921	Blissfield Parish
922	Doaktown Village

923	Red Bank 4 IRI
924	Ludlow Parish
925	Red Bank 7 IRI
926	Southesk Parish
927	Upper Miramichi RCR
928	Northesk Parish
931	Newcastle Parish
932	Newcastle Town
933	Douglastown Village
934	Big Hole Tract 8 IRI
935	Eel Ground 2 IRI
936	Alnwick Parish
938	Neguac Village
944	Burnt Church 14 IRI
947	Tabusintac 9 IRI
950	Miramichi City
1001	New Maryland Parish
1002	New Maryland Village
1004	Manners Sutton Parish
1005	Harvey Village
1006	McAdam Village
1007	McAdam Parish
1008	North Lake Parish
1011	Canterbury Parish
1012	Canterbury Village
1013	Meductic Village
1014	Dumfries Parish
1016	Prince William Parish
1018	Kingsclear Parish
1019	Kingsclear 6 IRI
1021	Queensbury Parish
1024	Southampton Parish
1025	Millville Village
1026	Bright Parish
1028	Douglas Parish
1031	Saint Marys Parish (York Co.)
1032	Fredericton City
1034	Devon 30 IRI
1035	Saint Mary's 24 IRI
1036	Stanley Parish
1037	Stanley Village

1054	Nackawic Town
1101	Richmond Parish
1104	Woodstock Parish
1105	Woodstock 23 IRI
1106	Woodstock Town
1108	Northampton Parish
1111	Brighton Parish
1112	Hartland Town
1114	Wakefield Parish
1017	Hanwell RCR
1118	Wilmot Parish
1119	Centreville Village
1121	Simonds Parish (Carleton Co.)
1123	Florenceville Village
1124	Peel Parish
1126	Aberdeen Parish
1127	Florenceville-Bristol Village
1128	Kent Parish
1129	Bristol Village
1130	Bath Village
1131	Wicklow Parish
1201	Andover Parish
1202	Aroostook Village
1204	Perth Parish
1206	Perth-Andover Village
1207	Tobique 20 IRI
1208	Gordon Parish
1209	Plaster Rock Village
1211	Lorne Parish
1214	Denmark Parish
1216	Grand Falls Parish
1219	Grand Falls / Grand-Sault Town
1221	Drummond Parish
1223	Drummond Village
1301	Saint-André Parish
1302	Saint-André RCR
1303	St. André Village
1304	Saint-Léonard Parish
1306	St. Leonard Town
1308	Notre-Dame-de-Lourdes Parish
1311	Sainte-Anne Parish

1312	Sainte-Anne-de-Madawaska Village
1314	Riviere-Verte Village
1315	Riviere-Verte Parish
1318	Saint-Basile Parish
1319	Saint-Basile Village
1320	St. Basile 10 IRI
1322	Saint-Joseph Parish
1324	Saint-Jacques Parish
1326	Saint-Jacques Village
1327	Edmundston City
1328	Madawaska Parish
1329	Edmundston City (previous)
1330	Verret Village
1332	Saint-Hilaire Parish
1333	St. Hilaire Village
1334	Baker Brook Parish
1335	Baker Brook Village
1336	Lac-Baker Parish
1337	Lac-Baker Village
1338	Clair Parish
1339	Clair Village
1341	Saint-François Parish
1342	Saint-François de Madawaska Villa
1401	Durham Parish
1402	Jacquet River Village
1403	Colborne Parish
1404	Charlo Village
1405	Balmoral Parish
1406	Balmoral Village
1408	Dalhousie Parish
1410	Eel River 3 IR
1411	Eel River Crossing Village
1412	Addington Parish
1413	Atholville Village
1414	Campbellton City
1415	Tide Head Village
1416	Eldon Parish
1417	Dalhousie Town
1418	Grimmer Parish
1419	Kedgwick Village
1420	Kedgwick RCR

1421	Saint-Quentin Parish
1422	Saint-Quentin Town
1425	Belledune Village
1426	Indian Ranch IRI
1501	Saumarez Parish
1502	Sheila Village/Tracadie RMR
1503	Tracadie-Sheila Town
1504	Tracadie Town
1506	Allardville Parish
1508	Bathurst Parish
1510	Pabineau 11 IRI
1511	Bathurst City
1512	Beresford Parish
1513	Pointe-Verte Village
1514	Petit Rocher Village
1515	Beresford Town
1516	New Bandon Parish
1517	Saint-Léolin Village
1519	Paquetville Parish
1520	Paquetville Village
1521	Saint-Isidore Parish
1522	Saint-Isidore Village
1524	Inkerman Parish
1526	Caraquet Parish
1527	Bas-Caraquet Village
1528	Caraquet Town
1529	Shippagan Parish
1530	Le Goulet Village
1531	Shippagan Town
1532	Lamèque Town
1533	Sainte-Marie-Saint-Raphaël Village
1534	Belledune Village (previous)
1536	Bertrand Village
1537	Nigadoo Village
1538	Grande-Anse Village
1539	Maisonnette (previous)
1540	Maisonnette Village
99997	Unknown Location

CITY_3_URB_RUR_IND

Urban or rural area, based on the 3 major cities in New Brunswick. In order to be classified as urban, the geographic location must be within a 40Km radius of Fredericton, Moncton or Saint John.

CITY_7_URB_RUR_IND

Urban or rural area, based on the 7 major cities in New Brunswick. In order to be classified as urban, the geographic location must be within a 40Km radius of Fredericton, Moncton, Saint John, Bathurst, Campbellton, Miramichi, or Edmundston.

CME_URB_RUR_IND

CME urban/rural area indicator.

EFF_DATE

Date (MMDDYYYY) on which the address information of the individual became effective.

TERM_DATE

Date (MMDDYYYY) on which the address information of the individual was terminated or was no longer active. 'NULL' or missing record indicates it is the latest recorded address information.

Document History

Version	Author	Nature of Change	Date
1.0	Edna Kalu, Zikuan Liu	Codebook development	2017-03-31
1.1	Pablo Miah	Updated to reflect additional years and new eligibility statuses.	2021-01-31
1.2	Nicholas Larade	Updated to new template and project numbers.	2021-03-31
1.3	Andy Balzer	Edited/revised some sections of codebook draft	2021-05-17
Approved by		Approval Date	Review Date
Andy Balzer		May 17, 2021	