



**NB-IRDT**

New Brunswick Institute for  
Research, Data and Training

# **NBIF Scholarship Recipients PD0030**

**Codebook  
For Years 2014-2019**

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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 <https://www.nbirdt.ca/>
- email us at [nb-irdt@unb.ca](mailto: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 reference guide is intended for users of the NBIF Scholarship Recipients PD0030 database. This guide provides an overview of the data, the general methodology used in its creation, and important technical information. It contains operational procedures as well as table and field descriptions. The development of this document is an ongoing process that will be updated with changes that occur in the NBIF Scholarship Recipients 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.

## Overview

The NBIF Scholarship Recipients database provides information about the recipients of scholarships provided through the New Brunswick Innovation Foundation Inc. (NBIF). NBIF is a non-profit organization that seeks to promote entrepreneurship in New Brunswick by making venture capital investments in start-up companies and funding applied research. It also offers scholarships for graduate-level studies.

## Sample Universe

Recipients who successfully received scholarships offered through the New Brunswick Innovation Foundation Inc. (NBIF). Includes variables obtained from a follow up survey administered between October and November 2019.

## Date Range

2014-04-01 – 2019-03-31 (Fiscal Years)

## Data Source

New Brunswick Innovation Foundation Inc. (NBIF)

## How to Cite this Codebook

New Brunswick Institute for Research, Data and Training. (2020). NBIF Scholarship Recipients PD0030 Codebook for Years 2014-2019. Fredericton, NB: New Brunswick Institute for Research, Data and Training.

## Acknowledgements

The Scholarship Recipients database is used with permission from the New Brunswick Innovation Foundation Inc.

## About this Product

### Purpose of the Product

The purpose of the NBIF Scholarship Recipients PD0030 Codebook is to provide information on the linkable New Brunswick data pertaining to NBIF scholarship recipients held at the New Brunswick Institute for Research, Data and Training (NB-IRDT). This data is accessible to researchers and is of particular interest for areas related to education, student retention, population dynamics, scientific innovation, and labour force.

### Definitions and Concepts

**Scholarship** – A scholarship is an amount of money given to a student by an organization or government to help pay for their education.

**Tri-Council** – The Tri-Council is composed of the Canadian Institutes of Health Research (CIHR), the Natural Sciences and Engineering Research Council (NSERC), and the Social Sciences and Humanities Research Council (SSHRC) – funding agencies through which the Government of Canada provides support for research and training at post-secondary institutions.

### Content

The NBIF Scholarship Recipients database contains information about successful applicants for scholarships offered through the New Brunswick Innovation Foundation Inc. (NBIF). The data set includes variables regarding the recipient's citizenship, institution of enrollment, degree level, field of study, amount and source of received funding, program completion, and employment. The survey portion of the data was collected in a single cycle, from October to November 2019.

### General Methodology

The data set is composed of elements recorded during the administration of NBIF scholarships. This includes data collected during the application process as well as from a follow up survey.

### Limitations

Several data elements are gathered from self-reported sources and are therefore prone to self-reporting bias. Additionally, scholarship recipient data provided by NBIF is not an exhaustive list of funding awarded in New Brunswick.

### Comparison to Other Products/Versions

The NBIF Scholarship Recipients data contains elements pertaining to education, immigration, and employment. Some of these may be comparable to data obtained from the Government of New Brunswick departments of Education and Early Childhood Development (EECD); Post-Secondary Education, Training and Labour (PETL); and Health; as well as Immigration, Refugees and Citizenship Canada (IRCC). The degree to which these data overlap may vary by source, period, and population of interest.

## Using with Other Products

**PD0002 – BizNet** – NBIF Scholarship Recipients data may be comparable to, and linked with, the Department of Post-Secondary Education, Training and Labour's BizNet data relating to the New Brunswick Provincial Nominee Program (NBPNP), which aims to attract and retain skilled workers in the province. Recipients may be a NBPNP principal applicant or a member of their family.

**PD0013 – Citizen Database** – The Citizen Database, provided by the New Brunswick Department of Health, pertains to the location and eligibility of individuals living in the province to receive services covered by New Brunswick Medicare. Linkages between the NBIF Scholarship Recipients and Citizen Database may be useful for analyzing the mobility and retention of scholarship recipients.

**PD0029E – Report Card Data (Anglophone Sector)** – Linkages may be established between the NBIF Scholarship Recipients and the Report Card Data (Anglophone Sector), provided by the New Brunswick Department of Education and Early Childhood Development (EECD). This is particularly relevant for research concerning New Brunswick students and their pursuit of post-secondary education within the province.

**PD0029F – Report Card Data (Francophone Sector)** – Report Card Data for the Francophone Sector, provided by EECD, is similar to the Report Card Data (Anglophone Sector) (see above) and can be linked for similar purposes.

**PD0045R – IRCC Permanent Resident Data** – Data regarding permanent residents living in New Brunswick is provided by Immigration, Refugees and Citizenship Canada (IRCC), and is complementary to their Transition Data (PD0045T). Data linkages with the NBIF Scholarship Recipients data may have uses similar to those with the Transition Data (see below).

**PD0045T – IRCC Transition Data** – Information on temporary residents and changes in their citizenship status, notably from temporary to permanent residents, is provided by Immigration, Refugees and Citizenship Canada (IRCC), and is complementary to the Permanent Resident Data (PD0045R). Linkages with the NBIF Scholarship Recipients data may yield insights about the retention of foreign students, as well as education opportunities for new arrivals, and may be relevant for analyses focusing on immigration, population dynamics, economics, and the labour market.

**PD0074E – Student Demographics (Anglophone Sector)** – Student Demographics data for the Anglophone Sector is provided by the New Brunswick Department of Education and Early Childhood Development (EECD) and may be linked with NBIF Scholarship Recipients data. Possible uses of these linkages, particularly for domestic students, include exploring trajectories for continuing education, retention of skilled individuals, population dynamics, and labour market analyses.



**PD0074F – Student Demographics (Francophone Sector)** – Student Demographics (Francophone Sector) data, provided by the New Brunswick Department of Education and Early Childhood Development (EECD), is similar to the Student Demographics (Anglophone Sector) data set (see above) and can be linked for similar purposes.

## Record Layouts and Data Descriptions

### Overview

| #  | Name  | Label  | Type |
|----|---|--|------|
| 1  | Scram_Id  | Scrambled Identifier                               | C    |
| 2  | Citizenship   | Citizenship  | C    |
| 3  | Country   | Country  | C    |
| 4  | Residency   | Residency  | C    |
| 5  | Postcode  | Postal Code  | C    |
| 6  | Level_of_Deg_Sought   | Level of Degree Sought                             | C    |
| 7  | Institution   | Institution Name                                   | C    |
| 8  | Faculty   | Faculty  | C    |
| 9  | Department  | Department   | C    |
| 10 | Topic_Keyword1  | Topic Keyword 1                                    | C    |
| 11 | Topic_Keyword2  | Topic Keyword 2                                    | C    |
| 12 | Tri_Council   | Tri-Council  | C    |
| 13 | Scholarship_type  | Scholarship Type                                   | C    |
| 14 | Tri_Council_Amount  | Tri-Council Amount                                 | N    |
| 15 | NBIF_Amount   | New Brunswick Innovation<br>Foundation Inc. Amount | N    |
| 16 | Institutional_  | Institutional Amount                               | N    |
| 17 | Start_Date  | Start Date   | N    |
| 18 | Projected_End_Date  | Projected End Date                                 | N    |
| 19 | Surv_Actual_End_Date<br><b>Error! Reference<br/>source not found.</b> | Survey – Actual End Date                           | N    |
| 20 | Surv_Degree_Comp<br><b>Error! Reference<br/>source not found.</b>     | Survey – Degree Completed                          | C    |
| 21 | Surv_Job_Type   | Survey – Job Type                                  | C    |
| 22 | Surv_Emp_Sector   | Survey – Employment Sector                         | C    |
| 23 | Surv_PETL_Emp_Counsel   | Survey – PETL Employment<br>Counselling Service    | C    |

#### Scram\_Id

Scrambled Identifier

An alphanumeric code that uniquely identifies each recipient and replaces the NBIF Reference Number (identifier)

#### Citizenship

Citizenship

The recipient's country of citizenship at the time their application was submitted (text)

#### Country

Country

The recipient's country of residence at the time their application was submitted (text)

## Residency

Residency

The recipient's residency status if known

### Description

Canadian

International

Permanent Resident

## Postcode

Postal Code

The recipient's postal code at the time their application was submitted (text)

## Level\_of\_Deg\_Sought

Level of Degree Sought

The level of degree sought by the recipient at the time their application was submitted

### Description

Master's (M)

Doctorate (PhD)

## Institution

Institution Name

The post-secondary institution in at which the recipient was enrolled at the time their application was submitted

| Code        | Description                 |
|-------------|-----------------------------|
| <b>UdeM</b> | Université de Moncton       |
| <b>UNB</b>  | University of New Brunswick |
| <b>MTA</b>  | Mount Allison University    |
| <b>STU</b>  | St. Thomas University       |

## Faculty

Faculty

The faculty of study in which the recipient was enrolled at the time their application was submitted

### Description

Arts

Computer Science

Education

Engineering

Forestry

Kinesiology

Nursing

Science

## Department

Department

The department in which the recipient was enrolled at the time their application was submitted

### Description

|                                       |
|---------------------------------------|
| Anthropology                          |
| Applied Science                       |
| Biology                               |
| Business                              |
| Chemical Engineering                  |
| Chemistry                             |
| Civil Engineering                     |
| Computer Science                      |
| Earth Sciences                        |
| Economics                             |
| Education                             |
| Electrical and Computer Engineering   |
| Engineering                           |
| English                               |
| Forestry and Environmental Management |
| French                                |
| Geodesy and Geomatics Engineering     |
| History                               |
| IDST (Interdisciplinary Studies)      |
| Kinesiology                           |
| Mathematics and Statistics            |
| Mechanical Engineering                |
| Nursing                               |
| Nursing and Health Sciences           |
| Physics                               |
| Political Science                     |
| Psychology                            |
| Social Science                        |
| Sociology                             |

## Topic\_Keyword1

Topic Keyword 1

The area most related to the recipient's research topic

| Description – English                          | Description – French                                     |
|--|--|
| Aerospace & Defense                            | Aérospatiale et défense                                  |
| Agriculture, Forestry, Food & Beverage         | Agriculture, foresterie, aliments et boissons            |
| Bioscience & Biotechnology                     | Biosciences et biotechnologies                           |
| Consumer Goods & Services                      | Biens de consommation et services                        |
| Energy & Electronics                           | Énergie et électronique                                  |
| Environmental Technology & Resource Management | Technologie de l'environnement et gestion des ressources |
| Finance, Economics & Business Sciences         | Finances, science économique et science des affaires     |
| Fisheries & Marine Sciences                    | Pêcheries et sciences de la mer                          |

| Description – English                                | Description – French                                      |
|--|---|
| Health & Medicine                                    | Santé et médecine   |
| ICT (Information & Communications Technology)        | TIC (Technologie de l'information et de la communication) |
| Manufacturing & Materials                            | Fabrication et matériaux                                  |
| Media, Tourism & Entertainment                       | Médias, tourisme et loisirs                               |
| Precision Sciences (including chemistry and physics) | Sciences de précision (incluant la chimie et la physique) |
| Social Sciences & Humanities, Psychology             | Sciences sociales, sciences humaines et psychologie       |
| Statistics & Data Analytics                          | Statistiques et analyse de données                        |

### Topic\_Keyword2

Topic Keyword 2

Optional second area related to the recipient's research topic (see Topic\_Keyword1)

### Tri\_Council

Tri-Council

The Tri-Council agency from which the recipient received funding

| Code  | Description                                       |
|-------|---|
| CIHR  | Canadian Institutes of Health Research            |
| NSERC | Natural Sciences and Engineering Research Council |
| SSHRC | Social Sciences and Humanities Research Council   |
|       | Not a Tri-Council Agency                          |

### Scholarship\_type

Scholarship Type

The recipient's scholarship type and corresponding academic level or cycle

| Description                   | Cycle                                    |
|-------------------------------|--|
| Social Innovation (SI)        | Social Innovation, Master's or Doctorate |
| STEM                          | STEM, Master's or Doctorate              |
| Tri-Council Alternate         | Master's or Doctorate                    |
| Tri-Council Top-Up (Master's) | Master's                                 |
| Tri-Council Top-Up (Doctoral) | Doctorate                                |

### Tri\_Council\_Amount

Tri-Council Amount

The funding amount provided by Tri-Council agencies (dollars)

### NBIF\_Amount

New Brunswick Innovation Foundation Inc. Amount

The funding amount provided by the New Brunswick Innovation Foundation Inc. (dollars)

### **Institutional\_Amount**

Institutional Amount

The funding amount provided by the student's university (dollars)

### **Start\_Date**

Start Date

The month the scholarship was granted (MM/YYYY)

### **Projected\_End\_Date**

Projected End Date

The anticipated end month of the recipient's program determined using the Start Date and Level of Degree Sought (MM/YYYY)

### **Surv\_Actual\_End\_Date**

Survey – Actual End Date

The actual end date of the recipient's degree program reported at the time of the follow up survey (MM/DD/YYYY)

### **Surv\_Degree\_Comp**

Survey – Degree completed

The status of completion of the recipient's degree program at the time of the follow up survey (text)

### **Surv\_Job\_Type**

Survey – Job Type

The recipient's employment status reported at the time of the follow up survey

| <b>Description – English</b> | <b>Description – French</b> |
|------------------------------|-----------------------------|
| Working Full-time            | Travail à temps plein       |
| Working Part-time            | Travail à temps partiel     |
| Freelance or Consulting Work | Pigiste ou consultant(e)    |
| Unemployed                   | Sans emploi                 |

### **Surv\_Emp\_Sector**

Survey – Employment Sector

The recipient's area of employment reported at the time of the follow up survey (see Topic\_Keyword1)

### **Surv\_PETL\_Emp\_Counsel**

Survey – PETL Employment Counselling Service

An indicator for whether the recipient used PETL Employment Counselling Services reported at the time of the follow up survey

| <b>Description – English</b> | <b>Description - French</b> |
|------------------------------|-----------------------------|
| Yes                          | Oui                         |
| No                           | Non                         |

## Document History

| Version         | Author            | Nature of Change  | Date        |
|-----------------|-------------------|---|-------------|
| 1.0             | Jonathan Boudreau | Initial draft prepared. Requires variable modalities and validation of content. | 2020-04-09  |
| 1.1             | Jonathan Boudreau | Updated the initial draft using information from the data set's metadata.       | 2020-07-07  |
| Approved by     |                   | Approval Date   | Review Date |
| Eva Christensen |                   | 2020-07-38  |             |