

CANADA

Region: Americas

Income group: High income

Summary: Canada has reported 4 metadata sources, which collect information on international labour migration statistics. There are two survey based sources such as *Census of Population* and *Labour Force Survey*, which are carried out by the Statistics Canada. There are two administrative records, such as the record of *stc_fact_landing_record_t.txt* and the record of *stc_fact_employment_permits_t.txt* held by the Immigration, Refugees and Citizenship Canada.

Geographically the sources cover whole country, except to the *Labour Force Survey*, which measures the parts of country excluding aboriginal or Indigenous population residing on reserves and people residing in extremely remote areas with low population density. Statistics on various population groups are collected through the sources:

- *Nationals (citizens) in the country (covered by the Census of Population)*
- *Nationals (citizens) employed in the country (covered by the Census of Population)*
- *Foreigners (non-citizens) living in the country (covered by the Census of Population)*
- *Foreign workers (non-citizens) living in the country (covered by the Census of Population and stc_fact_employment_permits_t.txt)*
- *Refugees (covered by the Census of Population and stc_fact_landing_record_t.txt)*
- *Asylum seekers (covered by the Census of Population)*
- *Non-permanent residents (covered by the Census of Population)*
- *Exit nationals leaving for temporary purposes such as for tourism, shopping, visiting, business, etc. (covered by the stc_fact_landing_record_t.txt)*
- *Foreigners entering country to live (covered by the stc_fact_landing_record_t.txt)*

Periodicity of data collection varies depending on the type of sources. The *Census of Population* was last processed in 2016; the *Labour Force Survey* is carried out monthly starting from 1945; the record of the *stc_fact_landing_record_t.txt* is held continuously; and the record of the *stc_fact_employment_permits_t.txt* is released every four months.

Age coverage also varies depending on the type of sources. In the *Labour Force Survey* persons aged 15 years and older are examined. The administrative records are applied to persons of all ages.

The three essential demographic characteristics covered by all the sources are age, sex, and marital status. Additionally, data on educational attainment and household size can be found in the survey based sources, and data on household size is generated in the record of the *stc_fact_landing_record_t.txt*.

International migration characteristic covered by all the sources is country of birth. The question on country of citizenship is also very often asked in the census and records. Other international migration statistics that can be found in the sources include second country of citizenship, year of arrival, foreign workers in the country, and time period allowed to stay.

Labour related characteristics in the *Census of Population* and the *Labour Force Survey* include employment status, occupation, industry/economic sector, status in employment, hours usually worked, wages or earnings, and household income. The record of the *stc_fact_employment_permits_t.txt* compiles the data on occupation only.

Standard definitions of “*international migrant workers*”, “*nationals living abroad*”, and “*employment*” are not applied in the sources. Definition of “*employment*” used in the *Labour Force Survey* is the standard ILO definition.

To classify occupation, industry, status in employment, and education internationally and nationally adapted classifications are used in the sources.

Micro data files from the *Census of Population* and the *Labour Force Survey* are available for research and analysis outside the agency free of charge while those from administrative records are unavailable.

Metadata sources:

Type of source	Name of the source	Agency Responsible	Periodicity of data collection	Year the source started	Year of the last source
Q1. Population Census	Census of Population	Statistics Canada	-	-	2016
Q2. Household Survey	Labour Force Survey	Statistics Canada	Monthly	1945	-
Q3. Border/Admission Statistics	stc_fact_landing_record_t.txt	Immigration, Refugees and Citizenship Canada	Continuously	-	-
Q6. Administrative Sources	stc_fact_employment_permits_t.txt	Immigration, Refugees and Citizenship Canada	Every four months	-	-

Findings:

The latest *Census of Population* was processed in 2016 by the Statistics Canada, covering the whole country. There are seven population groups examined in the Census:

- *Nationals (citizens) in the country,*
- *Nationals (citizens) employed in the country,*
- *Foreigners (non-citizens) living in the country,*
- *Foreign workers (non-citizens) living in the country,*
- *Refugees, and*
- *Asylum seekers.*

The *Census of Population* obtains detailed data on demographic characteristics of these population groups, such as age, sex, marital status, educational attainment, and household size. The questions raised in the assessment on the topic of international migration related characteristics are country of birth, country of citizenship, and second country of citizenship. The *Census of Population* covers labour related characteristics of all current household members aged 15 years and over, such as:

- Employment status,
- Occupation,
- Industry/economic sector,
- Status in employment,
- Hours usually worked,
- Individual earnings per month, and
- Household income.

In the *Census of Population*, there is not a standard definition for "*international migrant workers*". Instead, the source collects information on the immigrant status which includes a non-immigrant, an immigrant or a non-permanent resident. "*National living abroad*" is also not defined in the source. To classify occupation, industry, status in employment, and education, both internationally and nationally adapted classifications are applied. For example:

- National adaptation of ISCO (National Occupational Classification);
- NACE, NAICS;
- Nationally adapted classification for status in employment; and
- National adaptation of ISCED.

Micro data of Public Use Micro-data from the source are available for research and analysis outside the agency for free.

The *Labour Force Survey* commenced in 1945 and is held monthly by the Statistics Canada. A completed sample size of the examination is 56,000 households. It geographically measures the parts of country excluding aboriginal or Indigenous population residing on reserves and people residing in extremely remote areas with low population density, and amasses information on population aged 15 years and over. The *Labour Force Survey* obtains detailed data on demographic characteristics of each person in a household, such as:

- Age,
- Sex,
- Marital status,
- Educational attainment, and
- Household size.

The source collects country of birth for international migration related characteristics. For the population groups assessed in the *Labour Force Survey*, the data on labour related characteristics of all current household members aged 15 years and over is available, particularly for:

- Employment status,
- Occupation,
- Industry/economic sector,
- Status in employment,
- Wage or earnings rate per time period, and
- Hours usually worked

"*Employment*" refers to those who were, during the reference week, in one following categories: 1) did any work at all at a job or business, that is, paid work in the context of an employer-employee relationship, or self-employment; 2) had a job but were not at work due to factors such as their own illness or disability, personal or family responsibilities, vacation or a labour dispute. To classify occupation, industry, status in employment, and education, both internationally and nationally adapted classifications are applied. For example:

- National Occupation Classification (NOC 2011);
- NACE, NAICS;
- Status in employment based on the Canadian System of National Accounts definition; and
- Nationally adapted classification for status in education.

Micro data is available for research and analysis outside the agency free of charge.

The *Border/Admission Statistics* are covered by the *stc_fact_landing_record_t.txt* obtained from the Immigration, Refugees and Citizenship Canada. It processes the following three population groups of .all ages.

- *Foreigners entering country to live;*
- *Foreigners entering country for temporary purposes, such as tourism, shopping, visiting, business, etc.;*

- *and*
- *Refugees.*

The source covers data on demographic characteristics such as age, sex, marital status, and household size. In addition, the following international migration related characteristics are presented through the source:

- Country of birth,
- Country of citizenship, and
- Year of arrival.

Micro data is unavailable for research and analysis outside the agency.

The record of the *stc_fact_employment_permits_t.txt* is a social security registration system which is carried out by the Immigration, Refugees and Citizenship Canada and released every four months as part of the non-permanent residents' estimates. The source appraises whole country and collects data on *foreign workers (non-citizens) living in the country* of all ages.

In the register, data can be found on demographic characteristics such as age, sex, and marital status. International migration related characteristics are accessible through the source such as:

- Country of birth,
- Year of arrival,
- Country of citizenship,
- Foreign workers in the country,
- Time period allowed to stay, and
- Time period allowed to stay.

For the population groups assessed in the source, the data on labour related characteristics is available, particularly for occupation. To classify occupation, nationally adapted occupational classifications (NOC) are applied. Micro data is unavailable for research and analysis outside the agency

Q1. Population Census

SOURCE

Title of source: Census of Population

Year of last census: 2016

Agency responsible: Statistics Canada

COVERAGE

Geographical coverage: Whole country

Population groups covered: Nationals (citizens) in the country, nationals (citizens) employed in the country, foreigners (non-citizens) living in the country, foreign workers (non-citizens) living in the country, refugees, asylum seekers, non-permanent residents (refugee claimants, temporary foreign workers, those in Canada on a work or study permit, etc.)

- **Publication/dissemination of data on population groups covered:** Nationals (citizens) in the country, nationals (citizens) employed in the country, foreigners (non-citizens) living in the country, non-permanent residents

TOPIC COVERED

Demographic characteristics: Age, sex, marital status, educational attainment, household size

International migration related characteristics (For 20% sample in 2006, 30% in 2011, 25% in 2016): Country of birth, country of citizenship, second country of citizenship

- **Coverage for international migration related characteristics:** All persons
- **Exceptions for international migration related characteristics:** N.A.

Information about household members left to live abroad: No

Labour related characteristics of all current household members: Employment status, occupation, industry/economic sector, status in employment, hours usually worked, individual earnings per month, household income

- **Age coverage:** 15 years old and over

Remittances related characteristics: N.A.

Information on immigrants and return migrants: No

- **Information on the situation of the person prior to leaving the household last time is obtained:** N.A.

Data collected and not published/disseminated: No

CONCEPTS AND DEFINITIONS

Definition of international migrant workers: There is no definition for it. Instead, information on the immigrant status are collected as follows:

1) Non-immigrant refers to a person who is a Canadian citizen by birth.

2) Immigrant refers to a person who is or has ever been a landed immigrant/permanent resident. This person has been granted the right to live in Canada permanently by immigration authorities. Some immigrants have resided in Canada for a number of years, while others have arrived recently. Some immigrants are Canadian citizens, while others are not. Most immigrants are born outside Canada, but a small number are born in Canada. In the 2011 National Household Survey, 'Immigrants' includes immigrants who landed in Canada prior to May 10, 2011.

3) Non-permanent resident refers to a person from another country who has a work or study permit or who is a refugee claimant, and any non-Canadian-born family member living in Canada with them.

Definition of national (citizen) living abroad: There is no definition for it.

Definition of employment: N.A.

CLASSIFICATION

Classification used for occupation: National adaptation of ISCO (National Occupational Classification (NOC))

- **Number of digits used to release occupation data:** 4

Classification used for industry: NACE, NAICS

- **Number of digits used to release industry data:** 4

Classification used for status in employment: Class of Worker

Classification used for status in education: National adaptation of ISCED (Educational Attainment - Highest Certificate, Diploma or Degree)

DATA COLLECTION AND DISSEMINATION

Data collection method: Face-to-face interview by census enumerator using paper questionnaire (PAPI), telephone interview by enumerator (caller completes paper questionnaire), computer assisted telephone interview by enumerator with data recorded on computer (CATI), self-administered mail questionnaire (household receives census questionnaire by mail, returns by mail), self-administered online (web) census questionnaire /Computer Assisted Web Interview (CAWI), administrative sources

Compulsory participation of households: Yes

Official estimate of under-coverage rate: Yes

- **Under-coverage rate of total population:** 2.3

Dissemination	of	results:
Printed publications (http://www12.statcan.gc.ca/census-recensement/2011/dp-pd/index-eng.cfm); electronic format (CD-ROM, DVD-ROM, diskettes, etc.); Web site (http://www12.statcan.gc.ca/census-recensement/index-eng.cfm?HPA=1)		

Metadata has been prepared and disseminated: Yes

Micro-data availability outside NSO/responsible agency: Yes

- **Limitations:** The Individuals File, 2011 National Household Survey (Public Use Micro-data Files) provides data on the characteristics of the Canadian population. The file contains a 2.7% sample of anonymous responses to the 2011 National Household Survey (NHS) questionnaire. The files have been carefully scrutinized to ensure the complete confidentiality of the individual responses and geographic identifiers have been restricted to provinces/territories and metropolitan areas.
- **Cost of obtaining micro-data:** For free

Q2. Household Survey

SOURCE

Title of survey: Labour Force Survey

Agency responsible: Statistics Canada

PERIODICITY AND COVERAGE

Periodicity of data collection: Every month

Year the survey first started: 1945

Geographical coverage: Parts of country

- **Areas not covered:** Aboriginal or Indigenous population residing on reserves and people residing in extremely remote areas with low population density

Population groups covered: No

- **Publication/dissemination of data on population groups covered:** No

Age coverage: 15 years old and over

TOPIC COVERED

Demographic characteristics: Age, sex, marital status, educational attainment, household size

International migration related characteristics: Country of birth

- **Coverage for international migration related characteristics:** Not for all
- **Exceptions for international migration related characteristics:** Collect only for those aged 15 years and over

Information about household members left to live abroad: No

Labour related characteristics of all current household members: Employment status, occupation, industry/economic sector, status in employment, wage or earnings rate per time period, hours usually worked

Benefits received from the employer: N.A.

Remittances related characteristics: No

Information on immigrants and return migrants: No

- **Information on the situation of the person prior to leaving the household last time is obtained:** N.A.

Data collected and not published/disseminated: Yes

- **Number and name of question not published:** Marital status
- **Reason not published:** Available upon request but not published since few ask for this data.

Information on persons who left to live or work abroad (recruitment, communication, assistance etc.): No

CONCEPTS AND DEFINITIONS

Definition of international migrant workers: No

Definition of national (citizen) living abroad: No

Definition of employment: It refers to those who were, during the reference week, in one following categories: 1) did any work at all at a job or business, that is, paid work in the context of an employer-employee relationship, or self-employment. It also includes persons who did unpaid family work, which is defined as unpaid work contributing directly to the operation of a farm, business or professional practice owned and operated by a related member of the same household; 2) had a job but were not at work due to factors such as their own illness or disability, personal or family responsibilities, vacation or a labour dispute. This category excludes persons not at work because they were on layoff or between casual jobs, and those who did not then have a job (even if they had a job to start at a future date).

CLASSIFICATION

Classification used for occupation: National Occupation Classification (NOC 2011)

- **Number of digits used to release occupation data:** 2

Classification used for industry: NACE, NAICS

- **Number of digits used to release industry data:** 2

Classification used for status in employment: Classification based on the Canadian System of National Accounts definition

Classification used for status in education: LFS classification

DATA COLLECTION AND DISSEMINATION

Data collection method: Face-to-face computer assisted interview by census enumerator (CAPI), computer assisted telephone interview by enumerator with data recorded on computer (CATI), self-administered online (web) census questionnaire /Computer Assisted Web Interview (CAWI)

Compulsory participation of households: Yes

Dissemination of results: Web site (database called Canadian Socio Information Management database, CANSIM)

Metadata has been prepared and disseminated: Yes

Micro-data availability outside NSO/responsible agency: Yes

- **Limitations:**

Monthly: Micro-data File (catalogue no. 71M0001X)

This public use micro-data file (PUMF) contains anonymized non-aggregated data for a wide variety of variables collected from the LFS. It is for users who prefer to do their own analysis by focusing on specific sub-groups in the population or by cross-classifying variables that are not in our catalogued products.

This PUMF contains both personal characteristics for all individuals in the household and most labour force characteristics for household members 15 years of age and over. These variables are available by province and for the three largest Census metropolitan areas of Montreal, Toronto and Vancouver. This is a monthly file, and is available going back to 1976.

Access to micro-data:

A Research Data Centre (RDC) provides access to Statistics Canada's confidential micro data files. They are accessible only to researchers with approved projects who have been sworn in as "deemed employees" of Statistics Canada. The RDC confidential micro data files contain most of the original information collected during the survey interview with the subject as well as derived variables added to the dataset afterwards. They also contain the Bootstrap weights used to calculate the exact variance, which are available only in the Master file. RDCs are located throughout the country. The following website has more information: www.statcan.gc.ca/eng/rdc/index.

The Real Time Remote Access (RTRA) complements existing methods of access to confidential micro-data. Using a secure username and password, the RTRA provides around the clock access to survey results from any computer with internet access. Confidentiality of the micro data is automated in the RTRA system, eliminating the need for manual intervention and allowing for rapid access to results. In order to utilize the RTRA Program, applicants must complete an application form. More information is provided in the website www.statcan.gc.ca/eng/rtra/rtra.

- **Cost of obtaining micro-data:** For free

SAMPLE DESIGN

Sample frame used: Area sample

Completed sample size: 56,000 households

Evaluation of the overall response rate or refusal rate: Yes

Q3. Border/Admission Statistics

SOURCE

Title of source: stc_fact_landing_record_t.txt (Every month, Statistics Canada received from Immigration, Refugees and Citizenship Canada a file called stc_fact_landing_record_t.txt containing information about immigrant that landed in Canada since 2004)

Agency responsible: Immigration, Refugees and Citizenship Canada

PERIODICITY AND COVERAGE

Periodicity of data collection: Continuously

Population coverage: Foreigners entering country to live; foreigners entering country for temporary purposes, such as tourism, shopping, visiting, business, etc.; refugees

- **Publication/dissemination of data on population groups covered:** Foreigners entering country to live; foreigners entering country for temporary purposes, such as tourism, shopping, visiting, business, etc.; refugees

Age coverage: All ages

CHARACTERISTICS OF PERSONS COVERED

Demographic characteristics: Age, sex, marital status, household size

Migration related characteristics: Country of birth, country of citizenship, year of arrival

Data collected and not published/disseminated: Yes

- **Number and name of question not published:** C1 Age, C1 Sex, C1 Marital status, C1 Household size on those entering, C2 Country of birth, C2 Country of citizenship, C2 Year of arrival, C2 Time period allowed to stay
- **Reason not published:** Statistics Canada do not publish data on international workers specifically. Statistics Canada produces estimates of the total number of immigrants that landed in Canada. Statistics Canada also produces estimates of the total of non-permanent residents in the country by age and sex at some specific dates. The non-permanent residents include work permit holders but is not limited to them. Publication of more detailed tabulation on non-permanent residents, including specific information regarding permit holders, is under the authority of another department, Immigration, Refugees and Citizenship Canada (IRCC). The publication of more detailed tabulations related to immigrants is also under the authority of IRCC. Unfortunately, they were unable to fill this form for this year.

CONCEPTS AND DEFINITIONS

Definition of overseas visitor: N.A.

Definition of country of residence: N.A.

Definition of international migrant workers: It does not have no definition. However, Statistics Canada do publish statistics about the number of immigrants that landed in Canada.

CLASSIFICATION

Classification used for occupation: N.A.

- **Number of digits used to release occupation data:** N.A.

Classification used for industry: N.A.

- **Number of digits used to release industry data:** N.A.

Classification used for status in employment: N.A.

Classification used for status in education: N.A.

DATA COLLECTION AND DISSEMINATION

Data collection method: Face-to-face interview by census enumerator using paper questionnaire (PAPI), face-to-face computer assisted interview by census enumerator (CAPI), self administration form

Dissemination of results:
 Web site
 (<http://www5.statcan.gc.ca/cansim/a26?lang=fra&retrLang=fra&id=0510037&&pattern=&stByVal=1&p1=1&p2=-1&tabMode=dataTable&csid=>)

Metadata has been prepared and disseminated: No

Micro-data availability outside NSO/responsible agency: No

Q6. Administrative Sources

SOURCE

Title of source: stc_fact_employment_permits_t.txt (Every month, Statistics Canada received from Immigration, Refugees and Citizenship Canada a file called stc_fact_employment_permits_t.txt containing information about work permits delivered in Canada since 2004)

Agency responsible: Immigration, Refugees and Citizenship Canada

Kind of source: Social security registration system

PERIODICITY AND COVERAGE

Periodicity of data release: Every four months (Statistics Canada do not publish data on work permits or holders of work permits specifically. However, work permits holders are part of the non-permanent residents estimates published every four months)

Year the source first started: N.A.

Geographical coverage: Whole country

Population coverage: Foreign workers (non-citizens) living in the country

- **Publication/dissemination of data on population groups covered:** No

Age coverage: All ages

DATA COLLECTED ON PERSONS IN THE ADMINISTRATIVE SOURCE

Demographic characteristics: Age, sex, marital status

Migration related characteristics: Country of birth, year of arrival, country of citizenship, foreign workers in the country, time period allowed to stay, time period allowed to stay

Labour related characteristics: Occupation

Data collected and not published/disseminated: Yes

- **Number and name of question not published:** C1 Age, C1 Sex, C1 Marital status, C1 Household size on those entering, C2 Country of birth, C2 Country of citizenship, C2 Year of arrival, C2 Time period allowed to stay, C3 Occupation
- **Reason not published:** Statistics Canada do not publish data on international workers specifically. Statistics Canada produces estimates of the total of non-permanent residents in the country by age and sex at some specific dates. The non-permanent residents include work permit holders but is not limited to them. Publication of more details on non-permanent residents, including specific information regarding permit holders, is under the authority of another department, Immigration, Refugees and Citizenship Canada (IRCC). Unfortunately, they were unable to fill this form for this year.

CONCEPTS AND DEFINITIONS

Definition of international migrant workers: There is no definition for it.

Definition of short-term migrant workers: N.A.

Definition of a national living abroad: N.A.

Definition of employment: N.A.

Definition of individual earnings: N.A.

CLASSIFICATION

Classification used for occupation: National Occupational Classification (NOC)

- **Number of digits used to release occupation data:** N.A.

Classification used for industry: N.A.

- **Number of digits used to release industry data:** N.A.

Classification used for status in employment: N.A.

Classification used for status in education: N.A.

DATA COLLECTION AND DISSEMINATION

Compulsory registration for the population groups covered: Yes

Official estimate of coverage rate: N.A.

Dissemination of results: Web site

(<http://www5.statcan.gc.ca/cansim/a26?id=0510020&pattern=&p2=-1&stByVal=1&p1=1&tabMode=dataTable&csid=&retrLang=eng&lang=eng>)

Metadata has been prepared and disseminated: No

Micro-data availability outside NSO/responsible agency: No