BELGIUM

Region: Europe and Central Asia

Income group: High income

Summary: Belgium has reported 5 metadata sources, which collect information on international labour migration statistics. There are four survey based sources such as the *Census 2011*, the *Labour Force Survey*, the *Household Budget Survey*, and the *Wage Structure Survey*, which are carried out by the Statistics Belgium. There is one administrative record of the *Data Warehouse of Labour Market and Social Protection* held by the Crossroads Bank for Social Security.

Geographically the sources cover whole country, except to the **Household Budget Survey**, which covers three regions of Brussels-Capital, Flanders, and Wallonia. The statistics on the following population groups are available:

- Nationals (citizens) in the country (covered by the Census 2011, the Labour Force Survey, Household Budget Survey, and the Data Warehouse of Labour Market and Social Protection),
- Nationals (citizens) employed in the country (covered by the Census 2011, the Labour Force Survey, the Household Budget Survey, and the Data Warehouse of Labour Market and Social Protection),
- Nationals (citizens) living abroad (covered by the Data Warehouse of Labour Market and Social Protection),
- Nationals (citizens) living and working abroad (covered by the **Data Warehouse of Labour Market and Social Protection**),
- Foreigners (non-citizens) living in the country (covered by the Census 2011 and the Data Warehouse of Labour Market and Social Protection),
- Foreign workers (non-citizens) living in the country (covered by the Census 2011, the Labour Force Survey, the Household Budget Survey, and the Data Warehouse of Labour Market and Social Protection),
- Refugees (covered by the Census 2011), and
- Asylum seekers (covered by the Census 2011).

Periodicity of data collection varies depending on the type of sources. The Census was last processed in 2011; the *Labour Force Survey* is carried out every three months starting from 1983; the *Household Budget Survey* is held every two years since 1999; the *Wage Structure Survey* is held annually starting from 1999; and the *Data Warehouse of Labour Market and Social Protection* is released at the request of the user starting from 1998.

Age coverage also varies depending on the type of sources. In the *Labour Force Survey* persons aged 15 years and older are examined. The *Household Budget Survey* and the *Data Warehouse of Labour Market and Social Protection* are applied to persons of all ages.

The three essential demographic characteristics covered by all the sources are age, sex, and educational attainment. Data on marital status and household size are added in the three household survey based sources.

International migration characteristic covered by all the sources is country of birth. The questions on country of citizenship and nationality are also very often asked in the surveys and administrative records. Other international migration statistics that can be found in the sources include information on immigrants and return migrants, remittances sent and remittances received by the household from someone living abroad, year of arrival, reason for coming to country, foreign workers in the country, country of origin, and country of previous residence.

Labour related characteristics are compiled in all the sources. The *Labour Force Survey* and the *Household Budget Survey* contain the biggest variety of questions related to labour characteristics, such as employment status, occupation, industry/economic sector, status in employment, household income, wage or earnings rate per time period, hours usually worked, whether person has had disability, and possible benefits received from the employer. Both the *Census 2011* and the *Data Warehouse of Labour Market and Social Protection* cover

employment status, industry/economic sector, and status in employment. The *Wage Structure Survey* asks questions on occupation, wage rate, and data of beginning to work for company.

Definitions of "international migrant workers", "nationals living abroad", "employment", and "wages" are applied in the sources. Definition of "employment" used in the Labour Force Survey and the Household Budget Survey is the standard ILO definition.

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

Micro data files from the sources are available for research and analysis outside the agency at different costs.

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 2011	Statistics Belgium	-	-	2011
Q2. Household Survey	Q2.1 Labour Force Survey	Statistics Belgium	Every three months	1983	-
	Q2.2 Household Budget Survey	Statistics Belgium	Every two years	1999	-
Q5. Establishment Survey	Wage Structure Survey	Statistics Belgium	Annually	1999	-
Q6. Administrative Sources	Data Warehouse of Labour Market and Social Protection	Crossroads Bank for Social Security	At the request of the user (released)	1998	-

Findings:

The latest Census in Belgium was processed in 2011 by the Statistics Belgium covering the whole country. There are six 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 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 and country of citizenship. The census contains questions, which help to collect information on immigrants and return migrants such as "Have you ever lived outside the country?" and "when did you arrive in this country?" The *Census 2011* covers labour related characteristics of all current household members aged 15 years and over, such as employment status, industry/economic sector, and status in employment.

In the *Census 2011*, "*employment*" covers all persons who are 15 years of age or older and work at least one hour to earn remuneration, or are temporarily absent from work during the reference period. To classify industry, status in employment, and education, internationally adapted classifications are applied. For example:

- NACE, NAICS,
- Eurostat Regulation of classification for status in employment, and
- ISCED-1997.

Micro data is available for research and analysis outside the agency at less than 1000 EURO.

The *Labour Force Survey* commenced in 1983, and is held every three months by the Statistics Belgium. A completed sample size of the examination is 42,240 households with 83,686 individuals. It geographically measures the whole country and amasses information on the following three population groups aged 15 years and over:

- Nationals (citizens) in the country,
- Nationals (citizens) employed in the country, and
- Foreign workers (non-citizens) living in the country

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. Statistics on the international migration related characteristics presented through the source are country of birth and nationality. For the population groups assessed in the *Labour Force Survey*, the data on labour related characteristics is available, particularly for:

- Employment status,
- Occupation,
- Industry/economic sector,
- Status in employment,
- Wage or earnings rate per time period,
- Hours usually worked, and
- Whether person has had disability.

In the *Labour Force Survey*, "*international migrant workers*" covers naturalized persons (persons of Belgian nationality and born outside Belgium), EU nationals (whose country of nationality is an EU-27 country), and non-EU citizens. "*Employment*" is defined by the standard ILO definition.

To classify occupation, industry, status in employment, and education, internationally adapted classifications are applied. For example:

- ISCO-08 (where four digits are used to release the data),
- NACE, NAICS (where two digits are used to release the data),
- ICSE-1993, and
- ISCED-2011.

Micro data is available for research and analysis outside the agency at 500 euro.

The *Household Budget Survey* commenced in 1999, and is held every two years by the Statistics Belgium. A completed sample size of the examination is 43,486 households. It geographically measures parts of country covering three regions of Brussels-Capital, Flanders, and Wallonia and amasses information on the following three population groups of all ages:

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

The *Household Budget Survey* obtains detailed data on demographic characteristics of each person in a household, such as age, sex, marital status, educational attainment, and household size. Statistics on the international migration related characteristics presented through the source are country of birth and country of citizenship. The *Household Budget Survey* also includes questions about remittances sent and remittances received by the household from someone living abroad. For the population groups assessed in the source, the data on labour related characteristics of all household members of all ages is available, particularly for:

- Employment status,
- Occupation,
- Industry/economic sector,
- Status in employment,
- Household income,
- Wage or earnings rate per time period,
- Hours usually worked, and
- Whether person has had disability.

The survey also includes questions on the following possible benefits received from the employer:

- Unemployment benefits;
- Health insurance or subsidized health care;
- Retirement pension;
- Paid vacation;
- Subsidized housing;
- Free or subsidized food; and
- Other benefits (incapacity for work or disability benefits; birth premium; family allowances; scholarships and travel; allowances from C.P.A.S.; other social allowances and allowances awarded by public services, part paid by unemployment)

In the *Household Budget Survey*, "*employment*" is defined by the definition of the ILO in the framework of the LFS (*Labour Force Survey*). To classify occupation, industry, and education, internationally adapted classifications are applied. For example:

- ISCO-88 (where two digits are used to release the data),
- NACE, NAICS (where two digits are used to release the data), and
- ISCED.

Micro data is available for research and analysis outside the agency at 500 euro for whatever file size.

The *Wage Structure Surve*y is carried out on annual basis starting from 1999 by the Statistics Belgium with a completed sample size of about 10, 500 establishments. The survey covers all establishments with at least ten workers/employees in formal sectors and whole country. The *Wage Structure Survey* covers the following topics for the establishment:

Industry/economic sector, and

• Number of employees.

The questions raised in the assessment on the topic of demographic and international migration related characteristics are:

- Age,
- Sex.
- Educational attainment,
- · Country of birth, and
- Nationality.

The survey covers labour related characteristics, such as occupation, wage rate, and data of beginning to work for company.

"*Employment*" covers an individual who is bound to the company by a contract of employment. "*Wages*" refer to the gross salary for fully paid hours. To classify occupation, industry, and education, internationally adapted classifications are applied. For example:

- ISCO-08 (where three digits are used to release the data),
- NACE, NAICS (where two digits are used to release the data), and
- ISCED-2011.

Micro data is available for research and analysis outside the agency at 500 euro.

The *Data Warehouse of Labour Market and Social Protection* is a data from government/public employment services, which is carried out by the Crossroads Bank for Social Security (BCSS) and released at the request of the user, starting from 1998. The source appraises whole country and collects data on the following eight population groups of all ages.

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

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

- Country of birth,
- Year of arrival,
- Reason for coming to country,
- Nationality,
- Foreign workers in the country,
- Country of origin, and
- Country of previous residence.

For the population groups assessed in the *Data Warehouse of Labour Market and Social Protection*, the data on labour related characteristics is available, particularly for employment status, industry/economic sector, and status in employment.

In the *Data Warehouse of Labour Market and Social Protection*, "international migrant workers" are measured in various ways; persons who are born abroad, have a foreign nationality, a first foreign nationality, have parents with a (first) foreign nationality; persons are new to Belgium. People who live in Belgium and work abroad or who live abroad and work in Belgium are also determined. "*Nationals living abroad*" are only persons who have registered on the national register via a diplomatic post and / or who are still linked to Belgian social security are known. "*Employment*" covers persons who are declared to the Belgian Social Security as an employee.

To classify industry and education, internationally adapted classifications are applied. For example:

- NACE, NAICS (where three digits are used to release the data), and
- ISCED.

Micro data is available for research and analysis outside the agency at various cost.

Q1. Population Census

SOURCE

Title of source: Census 2011

Year of last census: 2011

Agency responsible: Statistics Belgium

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

• 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, foreign workers (non-citizens) living in the country

TOPIC COVERED

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

International migration related characteristics: Country of birth, 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, industry/economic sector, status in employment

• Age coverage: 15 years old and over

Remittances related characteristics: N.A.

Information on immigrants and return migrants: Yes (Questions like "Have you ever lived outside the country?" and "when did you arrive in this country?")

 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: No

Definition of national (citizen) living abroad: No

Definition of employment: It refers to all persons who are 15 years of age or older and work at least one hour to earn remuneration, or are temporarily absent from work during the reference period.

CLASSIFICATION

Classification used for occupation: N.A. (Occupation is not included in the census)

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

Classification used for industry: NACE, NAICS

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

Classification used for status in employment: Eurostat Regulation

Classification used for status in education: ISCED-1997

DATA COLLECTION AND DISSEMINATION

Data collection method: administrative sources

Compulsory participation of households: N.A.

Official estimate of under-coverage rate: No

Dissemination of results: Web site (www.census2011.be)

Metadata has been prepared and disseminated: Yes

Micro-data availability outside NSO/responsible agency: Yes

- **Limitations**: A file must be submitted to the Statistical Oversight Committee. See http://www.privacycommission.be/en/procedure-autorisation-stat. Demonstrate the need for the data requested for the research. Data may only be used for scientific, not commercial, purposes.
- Cost of obtaining micro-data: The price is less than 1000 euro.

Q2.1. Household Survey: Labour Force Survey

SOURCE

Title of survey: Labour Force Survey

Agency responsible: Statistics Belgium

PERIODICITY AND COVERAGE

Periodicity of data collection: Every three months

Year the survey first started: 1983

Geographical coverage: Whole country

Population groups covered: Nationals (citizens) in the country, nationals (citizens) employed in the country, foreign workers (non-citizens) living in the country

• Publication/dissemination of data on population groups covered: Nationals (citizens) in the country, nationals (citizens) employed in the country, foreign workers (non-citizens) living in the country

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, nationality

- 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, wage or earnings rate per time period, hours usually worked, whether person has had disability

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: No

Information on persons who left to live or work abroad (recruitment, communication, assistance etc.): $\ensuremath{\mathrm{No}}$

CONCEPTS AND DEFINITIONS

Definition of international migrant workers: It covers naturalized persons (persons of Belgian nationality and born outside Belgium), EU nationals (whose country of nationality is an EU-27 country), non-EU citizens.

Definition of national (citizen) living abroad: N.A.

Definition of employment: It follows the standard ILO definition.

CLASSIFICATION

Classification used for occupation: ISCO-08

Number of digits used to release occupation data: 4

Classification used for industry: NACE, NAICS

• Number of digits used to release industry data: 2

Classification used for status in employment: ICSE-1993

Classification used for status in education: ISCED-2011

DATA COLLECTION AND DISSEMINATION

Data collection method: Face-to-face computer assisted interview by census enumerator (CAPI)

Compulsory participation of households: Yes

Dissemination of results: Web site (http://statbel.fgov.be/fr/statistiques/chiffres/travailvie/emploi/)

Metadata has been prepared and disseminated: Yes

Micro-data availability outside NSO/responsible agency: Yes

- **Limitations**: In order to comply with the legislation on the protection of privacy, Statistics Belgium must follow a special procedure. The description of procedure on the website is http://www.privacycommission.be/en/procedure-autorisation-stat
- Cost of obtaining micro-data: 500 euro

SAMPLE DESIGN

Sample frame used: Administrative register (Population Register)

Completed sample size:

Total household: 42,240Total individuals: 83,686

Evaluation of the overall response rate or refusal rate: Yes

Q2.2. Household Survey: Household Budget Survey

SOURCE

Title of survey: Household Budget Survey

Agency responsible: Statistics Belgium

PERIODICITY AND COVERAGE

Periodicity of data collection: Every two years

Year the survey first started: 1999

Geographical coverage: Parts of country

• Areas covered: The three regions: Brussels-Capital, Flanders and Wallonia.

Population groups covered: Nationals (citizens) in the country, nationals (citizens) employed in the country, foreign workers (non-citizens) living in the country

• Publication/dissemination of data on population groups covered: No

Age coverage: All ages

TOPIC COVERED

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

International migration related characteristics: Country of birth, 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, household income, wage or earnings rate per time period, hours usually worked, whether person has had disability

Benefits received from the employer: Unemployment benefits; health insurance or subsidized health care; retirement pension; paid vacation; subsidized housing; free or subsidized food; other benefits (incapacity for work or disability benefits; birth premium; family allowances; scholarships and travel; allowances from C.P.A.S.; other social allowances and allowances awarded by public services, part paid by unemployment)

Remittances related characteristics: Remittances sent, remittances received

Information on immigrants and return migrants: N.A.

• 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 of question not published-Reason not published
 - O C1-The data are not yet published, but are planned in the long term. But they are available at the request of all customers.
 - o C2-The data is not shown because the sample is too small.
 - o C3-Other surveys are considered more relevant to disseminate results (LFS, SILC, etc.).
 - C4-We do not know how to separate the payments sent and received depending on whether or not the third party household lives abroad.

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

CONCEPTS AND DEFINITIONS

Definition of international migrant workers: N.A.

Definition of national (citizen) living abroad: N.A.

Definition of employment: It follows the standard ILO definition like the Labour Force Survey.

CLASSIFICATION

Classification used for occupation: ISCO 08

• 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: N.A.

Classification used for status in education: ISCED

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-administered online (web) census questionnaire /Computer Assisted Web Interview (CAWI)

Compulsory participation of households: No

Dissemination of results: Electronic format (CD-ROM, DVD-ROM, diskettes, etc.), Web site (http://economie.fgov.be/fr/modules/publications/statistiques/marche_du_travail_et_conditions_de_vie/enquete_sur_le_budget_des_menages_2012.jsp)

Metadata has been prepared and disseminated: Yes

Micro-data availability outside NSO/responsible agency: Yes

• Limitations:

http://economie.fgov.be/fr/modules/publications/statistiques/marche du travail et conditions de vie/enquete sur le budget des menages 2012.jsp

• Cost of obtaining micro-data: 500 euro

SAMPLE DESIGN

Sample frame used: Administrative register (National Register of Natural Persons, NRPP)

Completed sample size:

• Total household: 43,486

Evaluation of the overall response rate or refusal rate: Yes

Q5. Establishment Survey

SOURCE

Title of survey: Wage Structure Survey

Agency responsible: Statistics Belgium

PERIODICITY AND COVERAGE

Periodicity of data collection: Every year

Year the survey first started: 1999

Geographical coverage: Whole country

Establishment coverage (size and type): All establishments with at least ten workers/employees, only formal sector establishments

Sector/Industry coverage: Mining and quarrying; manufacturing; electricity, gas, steam and air conditioning supply; water supply, sewerage, waste management and remediation activities; construction; wholesale and retail trade, repair of motor vehicles and motorcycles; transportation and storage; accommodation and food service activities; information and communications; financial and insurance activities; real estate activities; professional, scientific and technical activities; administrative and support service activities

DATA COLLECTED ON WORKERS IN THE ESTABLISMENT SURVEY

Demographic and migration related characteristics: Age, sex, educational attainment, country of birth, nationality

Labour related characteristics: Occupation, wage rate, data of beginning to work for company

Topics for the establishment: Industry/economic sector, number of employees

Data collected and not published/disseminated: No

CONCEPTS AND DEFINITIONS

Definition of international migrant workers: No

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

Definition of employment: It refers to individuals who is bound to the company by a contract of employment.

Definition of wages: It refers to the gross salary for fully paid hours.

CLASSIFICATION

Classification used for occupation: ISCO-08

• Number of digits used to release occupation data: 3

Classification used for industry: NACE, NAICS

• Number of digits used to release industry data: 2

Classification used for status in employment: N.A.

Classification used for status in education: ISCED-2011

DATA COLLECTION AND DISSEMINATION

Data collection method: Self-administered online (web) census questionnaire /Computer Assisted Web Interview (CAWI), administrative sources

Compulsory participation of respondents: Yes

Dissemination of results: Web site

Metadata has been prepared and disseminated: Yes

Micro-data availability outside responsible agency: Yes

- **Limitations**: The data are only available for projects with a scientific research purpose. In addition, the Statistical Supervisory Committee must authorize the transmission of coded study data.
- Cost of obtaining micro-data: 500 euro

SAMPLE DESIGN

Sample frame used: Administrative register (DBRIS 2)

Completed sample size: About 10, 500 establishments

Q6. Administrative Sources

SOURCE

Title of source: Data Warehouse of Labour Market and Social Protection

Agency responsible: Crossroads Bank for Social Security (BCSS)

Kind of source: Data from government/public employment services

PERIODICITY AND COVERAGE

Periodicity of data release: At the request of the user

Year the source first started: 1998

Geographic coverage: Whole country

Population coverage: Nationals (citizens) in the country, nationals (citizens) employed in the country, nationals (citizens) living abroad, nationals (citizens) living and working abroad, foreigners (non-citizens) living in the country, foreign workers (non-citizens) living in the country, asylum seekers, foreigners living abroad and working in the country

Publication/dissemination of data on population groups covered: Nationals (citizens) in the
country, nationals (citizens) employed in the country, nationals (citizens) living abroad,
nationals (citizens) living and working abroad, foreigners (non-citizens) living in the country,
foreign workers (non-citizens) living in the country, asylum seekers, foreigners living abroad
and working in the country

Age coverage: All ages

DATA COLLECTED ON PERSONS IN THE ADMINISTRATIVE SOURCE

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

Migration related characteristics: Country of birth, year of arrival, reason for coming to country, nationality, foreign workers in the country, country of origin, country of previous residence

Labour related characteristics: Employment status, industry/economic sector, status in employment

Data collected and not published/disseminated: Yes

- Number and name of question not published: Year of arrival and reason to come to this country
- Reason not published: N.A.

CONCEPTS AND DEFINITIONS

Definition of international migrant workers: It can be measured in various ways; persons who are born abroad, have a foreign nationality, a first foreign nationality, have parents with a (first) foreign nationality; persons are new to Belgium. People who live in Belgium and work abroad or who live abroad and work in Belgium are determined.

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

Definition of a national living abroad: Only persons who have registered on the national register via a diplomatic post and / or who are still linked to Belgian social security are known.

Definition of employment: It refers to persons who are declared to the Belgian Social Security as an employee

Definition of individual earnings: N.A.

CLASSIFICATION

Classification used for occupation: N.A.

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

Classification used for industry: NACE, NAICS

• Number of digits used to release industry data: 3

Classification used for status in employment: N.A.

Classification used for status in education: ISCED

DATA COLLECTION AND DISSEMINATION

Compulsory registration for the population groups covered: Yes

Official estimate of coverage rate: Yes

Dissemination of results: Web site

(https://www.bcss.fgov.be/fr/dwh/dwh_page/content/websites/datawarehous

e/data/web_applications/global_statistics.html);

 $(https: //www.bcss.fgov.be/fr/dwh/dwh_page/content/websites/datawarehouse/datawarehouse/datawareho$

_applications/local_statistics.html)

Metadata has been prepared and disseminated: Yes

Micro-data availability outside NSO/responsible agency: Yes

- Limitations: Decision of the Privacy Commission is necessary
- Cost of obtaining micro-data: It depends on demand