

## CROATIA

**Region:** Europe and Central Asia

**Income group:** Upper-middle income

**Summary:** Croatia has reported 4 metadata sources, which collect information on international labour migration statistics. There are two household surveys such as the *Labour Force Survey* and the *Statistics on Income and Living Conditions Survey*, which are carried out by the Croatian Bureau of Statistics. There is a *register of migrant (foreign) workers* and an *estimation of international migrant workers in the country*, which are carried out by the Ministry of Interior.

Geographically all of the sources cover whole country, however different population groups. Household surveys collect information on the following six groups aged 15 years and older:

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

The administrative register and the estimation cover the following four population groups of all ages:

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

Periodicity of data collection varies depending on the type of sources. The *Labour Force Survey* in Croatia is carried out on continuously basis since 1996; the *Statistics on Income and Living Conditions Survey* is held every year starting from 2001; the *register of migrant (foreign) workers* is processed continuously starting from 1991; the *estimation of international migrant workers in the country* is held every three months since 2004.

The three essential demographic characteristics covered by the household surveys are age, sex, and household size. In the *Labour Force Survey* the data on marital status and educational attainment can be found. The *register of migrant (foreign) workers* and the *estimation of international migrant workers in the country* collect statistics on sex, age, and educational attainment. International migration characteristics covered by all the sources comprise of country of birth and country of citizenship. Additionally the questions on nationality, second country of citizenship, country of previous residence for foreigners, country of previous residence for citizens who lived abroad but returned, reason for migration, reason for coming to country, foreign workers in the country, household members living abroad, remittances, year of arrival/departure, duration of stay, and time period allowed to stay can be found varying in the sources.

Labour related characteristics such as employment status, occupation, and industry/economic sector are available in all the sources. The household survey also collect the data on status in employment, hours usually worked, individual earnings, household income, and months worked in the last year.

Definitions of “*international migrant workers*”, “*nationals living abroad*”, and “*employment*” are used in the sources.

To classify occupation, industry, status in employment, and education all the *Labour Force Survey* applies national adaptations of international classifications. Whereas the *Statistics on Income and Living Conditions Survey* only applies internationally adapted classifications.

Micro data files from the *Statistics on Income and Living Conditions Survey* are available for research and scientific purposes only.

#### Metadata sources:

Type of source	Name of the source	Agency Responsible	Periodicity of data collection	Year the source started	Year of the last source
Q2. Household Survey	Q2.1. Labour Force Survey	Croatian Bureau of Statistics	Continuously	1996	-
	Q2.2. Statistics on Income and Living Conditions (SILC Survey)	Croatian Bureau of Statistics	Annual survey – data collection is once a year for three months	2010	-
Q6. Administrative Sources	Register of Migrant Workers	Ministry of Interior	Continuously	1991	-
Q7. Estimation of International Migrant Workers in the Country	-	Ministry of Interior	Every 3 months	2004	-

#### Findings:

The *Labour Force Survey* in the Croatia is carried out on continuously basis starting from 1996 by the Croatian Bureau of Statistics. A completed sample size of the examination is approximately 13,900 households per year, which is approximately 32,500 individuals per year. It geographically measures the whole country and amasses information on the following six population groups aged between 15 years and older:

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

The source retrieves the full data on demographic characteristics of each person in a household. Questions on the international migration characteristics are raised in the survey covering country of birth, country of citizenship, country of previous residence for foreigners, country of previous residence for citizens who lived abroad but returned, nationality, and foreign workers in the country. Information is collected on household members who left to live abroad in the last 12 months. The following characteristics of these persons are obtained:

- Name,
- Sex,
- Month/year of departure,
- Age at present,
- Marital status at present,
- Education at present,
- Employment status at present, and
- Occupation at present.

For the population groups assessed in the survey, the data on labour related characteristics is available, particularly for:

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

The data on individual earnings and household income is not published/disseminated due to high rate of non-response. In comparison with administrative sources, these data is underestimated.

**“International migrant workers”** refers to foreign-born workers who were living in the country and were engaged in any work for payment in cash or kind during the reference week or those who were absent during reference week but have a job they can return to in a country other than the one of which he or she is a citizen. **“National (citizen) living abroad”** is person living abroad 12 months or more and not working in the embassies and Croatian enterprises. **“Persons in employment”** are those who were engaged in any work for payment in cash or kind during the reference week or those who were absent during reference week but have a job they can return to. Those are employees, the self-employed, and family members who are helping in some kind of family business (family enterprise, firm, craft, free-lance, farm) or some other kind of gainful activity, as well as persons who worked on contract, for direct payment in cash or kind. Therefore, the Survey covers all persons who worked for at least one hour in the reference period, irrespective of their formal status or means of payment. In this way, a retired person, a student or a housewife can also be classified as employed.

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

- National adaptation of ISCO (where one digit is used to release the data);
- National adaptation of ISIC (where one digit is used to release the data);
- National adaptation of ICSE; and
- National adaptation of ISCED.

The **Statistics on Income and Living Conditions Survey** in Croatia is held every year, data collection is carried out once a year for three months by the Croatian Bureau of Statistics. A completed sample size of the examination is 7,900 households, which is 14,200 individuals in 2014. It geographically measures the whole country and amasses information on the following six population groups aged 16 years and older:

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

The **Statistics on Income and Living Conditions Survey** retrieves the data on demographic characteristics, of each person in a household including age, sex, and household size. Questions on the international migration characteristics are raised in the survey covering country of citizenship, country of birth, second country of citizenship. Household members living abroad, and remittances received from household member living abroad including the total amount received in the last 12 months. Information is collected on persons who left to live abroad in the last six months. The following characteristics of these persons are defined:

- Name,
- Sex,
- Age at present,
- Marital status at present,
- Education at present,

- Employment status at present, and
- Occupation at present.

For the population groups assessed in the survey, the data on labour related characteristics is available, particularly for:

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

The source covers the following possible benefits that may be received from employer:

- Unemployment benefits,
- Retirement pension,
- Subsidized housing,
- Health insurance or subsidized health care,
- Paid vacation,
- Free or subsidized food, and
- All kind of benefits received from employer – e.g. holiday payments, enhanced rates of pay for overtime, supplementary payments (e.g. thirteenth month payment), profit sharing and bonuses, additional payments based on productivity, allowances for transport to or from work etc.

The *Statistics on Income and Living Conditions Survey* contains questions, which help to collect information on immigrants and return migrants such as: ‘*Have you ever lived outside this country?*’ and ‘*When did you arrive to this country?*’

In this survey, “*self-defined current economic status*” is applied. It differs from the ILO concept. In that sense “*employment*” means work; any work for pay or profit in cash or in kind. It includes self-employed persons, employees, family workers, persons on maternity and paternity leave, parental leave, and layoffs.

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

- ISCO- 08 (where two digits are used to release the data);
- NACE rev 2 (where two digits are used to release the data); and
- ISCED - 2011.

Micro data is available for research and scientific purposes only.

The *Register of migrant (foreign) workers* is carried out continuously since 1991 by the Ministry of Interior. The source geographically appraises the whole country and collects data on the following four population groups of all ages:

- *Foreigners (non-citizens) living in the country,*
- *Foreigners (non-citizens) living and working in the country,*
- *Refugees, and*
- *Asylum seekers.*

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

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

The register additionally provides labour related information, specifying employment status, occupation, and industry/economic sector for the population group covered.

**“International migrant workers”** comprise foreign nationals issued a residence and work permit or work registration certificate.

The **estimation of international migrant workers in the country** collects the data every three months since 2004 by the Ministry of Interior. This covers the whole country and the following four population groups of all ages:

- *Foreigners (non-citizens) living in the country,*
- *Foreigners (non-citizens) living and working in the country,*
- *Refugees, and*
- *Asylum seekers.*

It accumulates data on demographic characteristics of people such as age, sex, and educational attainment. Statistics on migration related characteristics are also obtained, precisely on:

- Country of birth,
- Country of citizenship,
- Duration of stay in country to date,
- Reason for migration,
- Nationality, and
- Foreign workers in the country.

Labour related characteristics collected in the estimation are: employment status, occupation, and industry/economic sector.

**“International migrant workers”** comprise foreign nationals issued a residence and work permit or work registration certificate.

## Q2.1. Household Survey: Labour Force Survey

### *SOURCE*

**Title of survey:** Labour Force survey

**Agency responsible:** Croatian Bureau of Statistics

### *PERIODICITY AND COVERAGE*

**Periodicity of data collection:** Continuously

**Year the survey first started:** 1996

**Geographical coverage:** Whole country

**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.

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

**Age coverage:** 15+

### *TOPICS COVERED*

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

**International migration related characteristics:** Country of birth, country of citizenship, country of previous residence for foreigners, country of previous residence for citizens who lived abroad but returned, foreign workers in the country, nationality.

- **Coverage for international migration related characteristics:** All persons.
- **Exceptions for international migration related characteristics:** No

**Information about household members left to live abroad:** Last 12 months

- **Information refers to the last time the person left:** Yes
- **Limited to certain age and work status:** No
- **Limited to those who left the household abroad within the last X years and have not returned:** 1 year
- **Characteristics of persons who left to live abroad:** Name, sex, month/year of departure, age at present, marital status at present, education at present, employment status at present, occupation at present.

**Labour related characteristics of all current household members:** Employment status, occupation, industry/economic sector, status in employment, individual earnings per month, household income, 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 country of residence is obtained:** N.A.

**Data collected and not published/disseminated:** C3. Individual earnings per month, household income – data on individual earnings per month is not published/disseminated due to high rate of non-response. In comparison with administrative sources, the data is underestimated.

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

### *CONCEPTS AND DEFINITIONS*

**Definition of international migrant workers:** It refers to foreign-born workers who were living in the country and were engaged in any work for payment in cash or kind during the reference week or those who were absent during reference week but have a job they can return to in a country other than the one of which he or she is a citizen.

**Definition of national (citizen) living abroad:** National (citizen) living abroad is a person living abroad 12 months or more and not working in the embassies and Croatian enterprises.

**Definition of employment:** Persons in employment are those who were engaged in any work for payment in cash or kind during the reference week or those who were absent during reference week but

have a job they can return to. Those are employees, the self-employed, and family members who are helping in some kind of family business (family enterprise, firm, craft, free-lance, farm) or some other kind of gainful activity, as well as persons who worked on contract, for direct payment in cash or kind. Therefore, the Survey covers all persons who worked for at least one hour in the reference period, irrespective of their formal status or means of payment. In this way, a retired person, a student or a housewife can also be classified as employed.

### *CLASSIFICATION*

**Classification used for occupation:** National adaptation of ISCO

- **Number of digits used to release occupation data:** 1

**Classification used for industry:** National adaptation of ISIC

- **Number of digits used to release industry data:** 1

**Classification used for status in employment:** National adaptation of ICSE

**Classification used for status in education:** National adaptation of ISCED

### *DATA COLLECTION AND DISSEMINATION*

**Data collection method:** Face-to-face interview by interviewer using paper questionnaire (PAPI).

**Compulsory participation of households:** No

**Dissemination of results:** Printed publications; Web site.

**Metadata has been prepared and disseminated:** Yes

**Micro-data is available outside NSO/responsible agency:** No

### *SAMPLE DESIGN*

**Sample frame used:** Population census

**Completed sample size:**

- Total households – approximately 13,900 per year;
- Total individuals – approximately 32,500 per year.

**Evaluation of the overall response rate or refusal rate:** Yes

## **Q2.2. Household Survey: Statistics on Income and Living Conditions**

### *SOURCE*

**Title of survey:** Statistics on Income and Living Conditions (SILC Survey)

**Agency responsible:** Croatian Bureau of Statistics

### *PERIODICITY AND COVERAGE*

**Periodicity of data collection:** Annual survey – the data collection is held once a year for three months.

**Year the survey first started:** 2010

**Geographical coverage:** Whole country

**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.

- **Publication/dissemination of data on population groups covered:** Nationals (*citizens*) in the country, nationals (*citizens*) employed in the country.

**Age coverage:** 16+

### TOPICS COVERED

**Demographic characteristics:** Age, sex, household size.

**International migration related characteristics:** Country of birth, country of citizenship, second country of citizenship, household members living abroad, remittances related characteristics.

- **Coverage for international migration related characteristics:** All persons
- **Exceptions for international migration related characteristics:** No

**Information about household members left to live abroad:** Last 6 months

- **Information refers to the last time the person left:** No
- **Limited to certain age and work status:** No
- **Limited to those who left the household abroad within the last X years and have not returned:** 1 year
- **Characteristics of persons who left to live abroad:** Name, sex, age at present, marital status at present, education at present, employment status at present, occupation at present.

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

**Benefits received from the employer:** Unemployment benefit, retirement pension, subsidized housing, health insurance or subsidized health care, paid vacation, free or subsidized food, all kind of benefits received from employer – e.g. holiday payments, enhanced rates of pay for overtime, supplementary payments (e.g. thirteenth month payment), profit sharing and bonuses, additional payments based on productivity, allowances for transport to or from work etc.

**Remittances related characteristics:** Remittances received and total amount received in the last 12 months.

**Information on immigrants and return migrants:** Persons who ever lived outside this country, period of arrival to this country.

- **Information on the situation of the person prior to leaving the country of residence 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.*):** No

### CONCEPTS AND DEFINITIONS

**Definition of international migrant workers:** N.A.

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

**Definition of employment:** In this survey, self-defined current economic status is applied. It differs from the ILO concept. In that sense employment means work; any work for pay or profit in cash or in kind. It includes self-employed persons, employees, family workers, persons on maternity and paternity leave, parental leave, layoffs.

### CLASSIFICATION



**Classification used for occupation:** ISCO - 08

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

**Classification used for industry:** NACE rev 2

- **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:** Face-to-face computer assisted interview (CAPI).

**Compulsory participation of households:** No

**Dissemination of results:** Printed publications; Web site – www.dzs.hr

**Metadata has been prepared and disseminated:** Yes

**Micro-data is available outside NSO/responsible agency:** Yes

- **Limitations:** Micro data is available only for research and scientific purposes.
- **Cost of obtaining micro-data:** N.A.

#### ***SAMPLE DESIGN***

**Sample frame used:** Population census

**Completed sample size:**

- Total households – 7,900 in 2014;
- Total individuals – 14,200 in 2014.

**Evaluation of the overall response rate or refusal rate:** Yes

### **Q6. Administrative Sources**

#### ***SOURCE***

**Title of source:** N.A.

**Agency responsible:** Ministry of Interior

**Kind of source:** Register of migrant (foreign) workers

#### ***PERIODICITY AND COVERAGE***

**Periodicity of data release:** Continuously

**Year the source first started:** 1991

**Geographical coverage:** Whole country

**Population coverage:** 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:** Foreigners (*non-citizens*) living in the country, foreign workers (*non-citizens*) living in the country, refugees, asylum seekers.

**Age coverage:** All ages

#### *DATA COLLECTED ON PERSONS IN THE ADMINISTRATIVE SOURCE*

**Demographic characteristics:** Age, sex, educational attainment.

**Migration related characteristics:** Country of birth, country of citizenship, year of arrival, time period allowed to stay, reason for coming to country, year of departure, nationality, foreign workers in the country.

**Labour related characteristics:** Employment status, occupation, industry/economic sector.

**Data collected and not published/disseminated:** N.A.

#### *CONCEPTS AND DEFINITIONS*

**Definition of international migrant workers:** It comprises foreign nationals issued a residence and work permit or work registration certificate.

**Definition of short-term migrant worker:** N.A.

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

**Definition of employment:** N.A.

**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:** 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:** 100% of foreign migrants living in country and foreign migrant workers living in country.

**Dissemination of results:** Web site – [www.mup.hr](http://www.mup.hr)

**Metadata has been prepared and disseminated:** No

**Micro-data is available outside NSO/responsible agency:** No

### **Q7. Estimation of International Migrant Workers in the Country**

#### *SOURCE*

**Title of source:** N.A.

**Reference year:** N.A.

**Agency responsible:** Ministry of Interior

### *PERIODICITY AND COVERAGE*

**Periodicity of data release:** Every 3 months

**Year the source first started:** 2004

**Geographical coverage:** Whole country

**Population coverage:** 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:** Foreigners (*non-citizens*) living in the country, foreign workers (*non-citizens*) living in the country, refugees, asylum seekers.

**Age coverage:** All ages

### *TOPICS COVERED*

**Demographic characteristics:** Age, sex, educational attainment.

**International migration related characteristics:** Country of birth, country of citizenship, duration of stay in country to date, reason for migration, nationality, foreign workers in the country.

**Labour related characteristics:** Employment status, occupation, industry/economic sector.

**Remittances related characteristics:** N.A.

### *CONCEPTS AND DEFINITIONS*

**Definition of migrant worker:** It comprises foreign nationals issued a residence and work permit or work registration certificate.

**Definition of short-term migrant worker:** N.A.

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

**Definition of employment:** N.A.

**Definition of household income:** N.A.

### *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*

**Dissemination of results:** Web site – [www.mup.hr](http://www.mup.hr)

**Metadata has been prepared and disseminated:** No