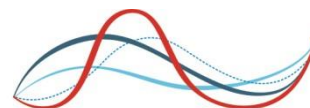




REPUBLIC OF CROATIA



CROATIAN BUREAU OF STATISTICS

QUALITY REPORT FOR STATISTICAL SURVEY

Business Demography

For 2015

Organisational unit: Statistical Business Register
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0. Basic information

- Purpose, goal, and subject of the survey

Business Demography provides information on births, deaths and survival rates of enterprises as well as on related employment data.

- Reference period

Calendar year

- Legal acts and other agreements

Regulation (EC) No 295/2008 of the European Parliament and of the Council of 11 March 2008 concerning structural business statistics (recast), Annex IX

Commission Implementing Regulation (EU) No 439/2014 of 29 April 2014

EUROSTAT – OECD Manual on Business Demography Statistics

Official Statistics Act (OG Nos 103/03 and 75/09)

Decision on the National Classification of Activities – NKD 2007. (OG, Nos 158/07 and 72/07)

Common classification of territorial units for statistics (NUTS)

- Classification system

National Classification of Activities 2007

Common classification of territorial units for statistics (NUTS)

- Concepts and definitions

Enterprise in statistical sense includes legal entities and natural persons who perform economic activity independently (crafts and free lances).

Number of active enterprises is the number of legal entities and natural persons registered in the Statistical Business Register that were active during at least a part of a reference year. Active enterprises are enterprises that generated turnover or had employment in a reference year.

The population of employer enterprises is a subset of active companies that includes legal entities and natural persons registered in the Statistical Business Register who employed workers in the reference year.

Number of persons employed is the total number of persons who work in an enterprise (including working proprietors, partners working regularly in the unit, unpaid family workers and voluntary workers), as well as a number of persons who work outside the enterprise they belong to and are paid by it, which is calculated as an annual average.

Number of employees is the number of persons who have an employment contract (which may be formal or informal) and work for an enterprise in return for remuneration in cash or in kind, regardless of where the work is done (in or outside the enterprise).

Population of enterprise births includes enterprises that started an economic activity in a reference year.

Births exclude events such as mergers, break-ups, split-offs or restructuring of an enterprises.

Enterprise birth is not equal to registration of enterprise in a competent register.

Population of enterprise deaths covers enterprises that have not been economically active for two consecutive years after the last year of activity.

Deaths exclude enterprises that ceased activity due to split-up, take-over or merger.

Survived enterprise is the one without discontinuity in its activity status after the year of birth.

High-growth enterprise is an enterprise with average annualised growth greater than 10% per annum, over a three-year period.

- Statistical units

Legal unit as proxy for enterprise.

- Statistical population

It includes active companies – legal entities and natural persons – that are classified, by principal activity, in sections B to S of the NKD 2007., excluding activities of holding companies – K 64.2 and public administration and defence; compulsory social security – section O.

1. Relevance

1.1. Data users

Business Demography data users are mostly external – the Croatian National Bank and individual users.

1.1.1 User needs

The published data currently meet the needs of the users.

1.1.2 User satisfaction

User satisfaction survey of published data is not being implemented.

1.2. Completeness

Business Demography data are in full compliance with the Eurostat's methodology for Business Demography statistics and, as such, they are internationally comparable.

1.2.1 Data completeness rate

Data completeness rate is: 100%

2. Accuracy and reliability

2.1. Sampling error

Not applicable for Business Demography.

2.1.1 Sampling error indicators

Indicator for this survey is not applicable.

2.1.2 Bias due to sample selection process

Indicator for this survey is not applicable.

2.2. Non-sampling error

Non-sampling errors affecting the quality of data are errors that occur in the Statistical Business Register (data source) i.e. error of coverage, errors of measurement and processing errors.

2.2.1 Coverage error

The coverage errors relate to undercoverage, duplication of units and incorrect classification according to the NKD 2007.

Undercoverage errors can occur if the Statistical Business Register, as a data source, does not include all active units. The coverage of legal entities is complete, but there are shortcomings in the coverage of natural persons that primarily relate to free lances and, to a lesser extent, to crafts.

The reason for the undercoverage of free lances is a lack of a single and up-to-date register of all free professions.

The shortcomings in the crafts coverage occur in exceptional cases when, due to data errors, not all crafts are transferred from the Craft Register to the Statistical Business Register.

Duplication of data is present in relation to freelancers because of multiple ID numbers assigned to the same freelancers, where each new ID number taken over from an administrative source is considered a new unit.

An improper classification according to the NKD 2007. occurs when a unit registers in an administrative source an activity other than the one it actually performs. Data on the activities of units are corrected in the Statistical Business Register on the basis of various statistical surveys of business statistics by which indicators related to specific activities are collected (industry, agriculture, services, tourism, construction, etc.).

2.2.2 Over-coverage rate

Indicator for this survey is not applicable.

2.2.3 Measurement errors

The measurement errors that occur in the Statistical Business Register relate to data downloaded from poor-quality administrative sources.

These errors are primarily errors in the number of employees and turnover, which occur when the data are incorrectly entered into the source from which they are downloaded.

Such errors are continuously identified by comparing data from multiple sources or consecutive years, checked and corrected.

2.2.4 Non-response errors

Not applicable for Business Demography.

2.2.5 Unit non-response rate

Indicator for this survey is not applicable.

2.2.6 Item non-response-rate

Indicator for this survey is not applicable.

2.2.7 Processing errors

Input and processing errors can occur if, during automated procedures by which data are entered into the Statistical Business Register, certain characteristics, e.g., institutional sector codes, are calculated incorrectly. Such specific cases are checked by contacting the reporting units and corrected in the Register.

2.2.8 Imputation rate

Indicator for this survey is not applicable.

2.2.9 Editing rate

Indicator for this survey is not applicable.

2.2.10 Hit rate

Indicator for this survey is not applicable.

2.2.11 Model assumption error Not applicable.

2.3. Data revision

2.3.1 Data revision – policy

Users can find information on deadlines for dissemination of data in the Calendar of Statistical Data Issues published on the web pages of the Central Bureau of Statistics.

2.3.2 Data revision – practice

Provisional data on active enterprises, births and deaths of enterprises and survival rates are published in the First Release at time T + 11. Final data are published in the database on the website of the Croatian Bureau of Statistics at time T + 18 and on GeoStat at time T + 22.

Data on active enterprises, births and deaths of enterprises and survivals of enterprises are submitted to Eurostat at time T + 18 and they are final. Data referring to the population of employer enterprises are submitted to Eurostat at time T + 20, and they are final.

Final data on high-growth enterprises are submitted to Eurostat at time T + 18, while provisional data are submitted at time T + 12.

The regional Business Demography data are submitted on a voluntary basis at time T + 22, and they are final.

2.2.2 Data revision – average size

Indicator for this survey is not applicable.

2.4. Seasonal adjustment

Seasonal adjustment is not carried out for Business Demography data.

3. Timeliness and Punctuality

3.1. Timeliness

3.1.1 Timeliness – first results

Timeliness for first results is: T + 11 months.

3.1.2 Timeliness – final results

Timeliness for final results is: T + 18 months.

3.2. Punctuality

3.2.1 Punctuality – delivery and publication

Punctuality is: 1

4. Accessibility and clarity

Paper publications – First Release,

Online publications – online version of the First Release; online database and GeoStat Other (fax, e-mail, etc.)

4.1. News release

Basic Indicators of Business Demography, 2011 – 2015

4.2. Other publications

Business Demography data are not published in other national publications.

4.3. On-line database

<https://www.dzs.hr/Eng/DBHomepages/Structural%20business%20statistics/Structural%20business%20statistics.htm> <https://geostat.dzs.hr/?lang=en>

4.4. Micro-data access

The conditions under which certain users may be granted access to microdata are defined by the provisions of the Official Statistics Act, Ordinance on Access to Confidential Statistical Data and Ordinance on Conditions and Terms of Using Confidential Data for Scientific Purposes

4.5. Documentation on methodology

The Business Demography manual is publicly available on the website

<http://ec.europa.eu/eurostat/ramon/statmanuals/files/KS-RA-07-010-EN.pdf>.

Methodological explanations are published:

- in paper first releases and on the website of the Croatian Bureau of Statistics
https://www.dzs.hr/Hrv_Eng/publication/2016/15-02-01_01_2016.htm.
- in the database on the website of the Croatian Bureau of Statistics
<https://www.dzs.hr/Eng/DBHomepages/Structural%20business%20statistics/Structural%20business%20statistics.htm>
- on the GeoStat <https://geostat.dzs.hr/?lang=en>.

5. Comparability

5.1. Asymmetry for mirror flows statistics

Not applicable for Business Demography.

5.2. Comparability over time

5.2.1 Length of comparable time series

The length of comparable time series is: 4

5.2.2 Reasons for time break series

There are no breaks in time series.

6. Coherence

6.1. Coherence – short-term and structural data Indicator for this survey is not applicable.

6.2. Coherence – national accounts

Indicator for this survey is not applicable.

6.3. Coherence – administrative sources

Indicator for this survey is not applicable.

7. Cost and burden

7.1. Cost

The costs of Business Demography data production refer to the data source control and data processing.

7.2. Burden

Given that the input data for the production of Business Demography are taken over from the Statistical Business Register, there is no additional burden on the reporting units.