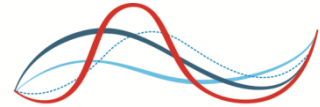




REPUBLIC OF CROATIA



CROATIAN BUREAU OF STATISTICS

QUALITY REPORT FOR STATISTICAL SURVEY
Development of the Geographical Information System (GIS)
for 2019

Organisation unit: Geoinformation System Development Unit
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0. Basic information

- Purpose, goal, and subject of the survey

The general objective of this project is to geographically reference statistics to a system of grid cells using Cartesian coordinates.

- Reference period

Calendar year

- Legal acts and other agreements

Within the tourism statistics, the Croatian Bureau of Statistics carries out the monthly survey on tourist accommodation capacities and their occupancy. The statistical survey is aimed at observing tourist activity in commercial accommodation establishments and ensuring internationally comparable data in line with European standards for the tourism statistics. The survey is carried out pursuant to the Official Statistics Act (OG, Nos 103/03, 75/09, 59/12 and 12/13 – consolidated text) and the Regulation (EU) No 692/2011 of the European Parliament and of the Council concerning European statistics on tourism.

The data source for the statistical survey on the tourist turnover (number of tourist arrivals and nights) and on accommodation capacities is administrative, the eVisitor system, which is within the competence of the Croatian Tourist Board. eVisitor is the central electronic system for checking in and checking out tourists that serves to link all tourist boards in the Republic of Croatia. By publishing the Ordinance on Managing Tourist Records and the Form and Content of the Check-in Form for Checking in Tourists in Tourist Boards (NN, No. 126/15), the eVisitor system has officially become the central electronic system for checking in or checking out tourists in the Republic of Croatia.

The Croatian Bureau of Statistics takes over a part of data from an administrative source, the eVisitor system, and further processes them statistically.

- Classification system

The National Classification of Activities 2007. (section I Accommodation and food service activities; division 55 Accommodation)

Concepts and definitions

The GeoSTAT activity is focused on developing guidelines for producing harmonised grid statistics and promoting national grid initiatives in national statistical institutes. Reasoning for this action comes from two major political definitions of EU: European Statistical System (ESS) strategic goal to integrate spatial information and statistics and INSPIRE initiative's goal to develop interoperable spatial datasets. In order to achieve final goal Eurostat has made available a harmonised grid net of the whole Europe.

In addition to the European wide grid net, there are country clips of the grid net covering only one country at a time. The grid net provides reference grid cells for the harmonised grid data in Europe. The Croatian Bureau of Statistics uses the grids prepared by Eurostat for the purposes of the project.

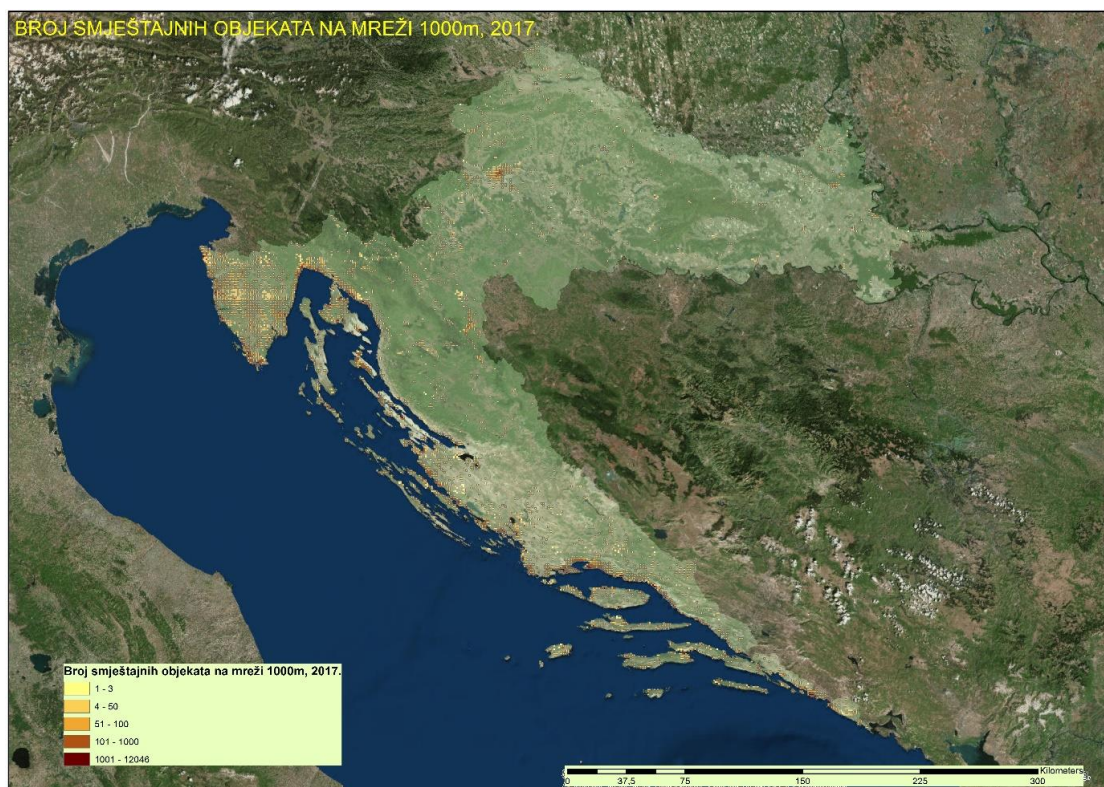
The variables that were used for the purposes of merging statistics with geospatial information are:

- a) data on tourist accommodation capacities
- b) ETRS 89 LAEA grid
- c) spatial units from the level of the state down to the level of street address.

- Statistical units

Basic reporting units are all legal entities and natural persons as well as households and business entities engaged in providing accommodation services to tourists at a particular address.

FIGURE 1 NUMBER OF ACCOMMODATION ESTABLISHMENTS ON 1 000 m GRID, 2017



- Statistical population

The target refers to the total number of tourist accommodation capacities at a certain street address converted to the 1 x 1 km.

1. Relevance

1.1. Data users

External users:

- DG Regio
- citizens

1.1.1. User needs

It is expected that DG Regio will be the major user of the prepared data. Within the project of the merging statistics with geospatial information, the data on the number of tourist accommodation capacities were produced.

1.1.2. User satisfaction

Not applicable.

1.2. Completeness

Data are published in accordance with the EU legislation.

1.2.1. Data completeness rate

Data completeness rate is 100%.

2. Accuracy and reliability

2.1. Sampling error

Not applicable.

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

Not applicable.

2.2.1. Coverage error

All units are included in the frame, since all addresses on the territory of the Republic of Croatia and all levels of spatial units are observation targets.

2.2.2. Over-coverage rate

Indicator for this survey is not applicable.

2.2.3. Measurement errors

Not applicable.

2.2.4. Non-response errors

Not applicable.

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

Not applicable.

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

The users of statistical data are informed about revisions (preliminary, final data) on the web site of the Croatian Bureau of Statistics.

2.3.2. Data revision – practice

Provisional figures are not published in this survey and therefore regular revisions are not planned.

2.3.3. Data revision – average size

Indicator for this survey is not applicable.

2.4. Seasonal adjustment

Not applicable.

3. Timeliness and Punctuality

3.1. Timeliness

3.1.1. Timeliness – first results

Indicator for this survey is not applicable.

3.1.2. Timeliness – final results

Indicator for this survey is not applicable.

3.2. Punctuality

3.2.1. Punctuality – delivery and publication

Indicator for this survey is not applicable.

4. Accessibility and clarity

First results of the project are disseminated to Eurostat, DG Regio and on the GeoSTAT portal of the Croatian Bureau of Statistics.

Within the project, the Methodological Guidelines explaining the whole procedure of producing population grids have been developed. The current version of the Methodological Guidelines will be revised if new moments appear during the production of other data sets.

4.1. News release

Not applicable.

4.2. Other publications

The Methodological Guidelines No. 77/2019 “Merging Data on Accommodation Establishments and Tourist Activity with Geospatial Information in the Republic of Croatia” (https://www.dzs.hr/Hrv/publication/metodologije/metod_77.pdf)

4.3. On-line database

GeoSTAT portal of the Croatian bureau of statistics (<https://geostat.dzs.hr/>)

4.4. Micro-data access

The conditions under which certain users can access microdata are regulated by the Ordinance on the Conditions and Terms of Using Confidential Data for Scientific Purposes.

4.5. Documentation on methodology

The draft version of the Methodological Guidelines under the title “Merging Data on Accommodation Establishments and Tourist Activity with Geospatial Information in the Republic of Croatia” is bilingual. The Methodological Guidelines explain all levels of preparing and producing statistical data in grids as well as references to other documents that were used in the project.

5. Comparability

5.1. Asymmetry for mirror flows statistics

Not applicable.

5.2. Comparability over time

5.2.1. Length of comparable time series

Indicator for this survey is not applicable.

5.2.2. Reasons for break in time series

Not applicable.

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 project was financed by the European Commission – Eurostat

7.2. Burden

Not applicable.