

CENSUS_INS21ES_A_EE_2021_0000

National Reference Metadata in Euro SDMX Metadata Structure (ESMS)

Compiling agency: Statistics Estonia



Eurostat metadata

Reference metadata

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For any question on data and metadata, please contact: [Eurostat user support](#)

1. Contact

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1.1. Contact organisation

Statistics Estonia

1.1.1. Responsible party	Statistics Estonia
1.1.2. Responsible party role	Resource Provider
1.2. Contact organisation unit	Deputy Director General for Data Governance and Data Science
1.5. Contact mail address	Statistics Estonia Tatari 51 10134 Tallinn ESTONIA

2. Metadata update Top	
2.1. Metadata last certified	27/12/2022
2.2. Metadata last posted	27/12/2022
2.3. Metadata last update	27/12/2022

3. Statistical presentation Top	
3.1. Data description	
2021 census total population count geocoded to a common European 1 km ² grid.	
3.1.1. Resource title	
2021 census total population count geocoded to a common European 1 km ² grid.	
3.1.2. Resource abstract	
2021 census total population count geocoded to a common European 1 km ² grid.	
3.1.3. Resource type	
Spatial data set series	

3.1.3.1. Additional information if 'spatial data set' is marked
https://data.europa.eu/en
3.1.4. Resource locator
3.1.5. Unique resource identifier
https://data.europa.eu/en
3.1.6. Coupled resource
https://data.europa.eu/en
3.1.7. Resource language
English
3.1.8. Keyword value
Population Distribution
3.1.9. Originating controlled vocabulary
https://inspire.ec.europa.eu/theme/pd
3.1.10. Metadata language
English
3.2. Classification system
Not applicable.
3.3. Coverage - sector
Population
3.3.1. Topic category
Society
3.3.2. Spatial data service type
Download Service
3.4. Statistical concepts and definitions

Usually resident population.

3.4.1. Statistical concepts and definitions - Total population

For census purposes, the total population of the country consists of all the persons falling within the scope of the census in EU on usual residents.

Usual residence means the place where a person normally spends the daily period of rest, regardless of temporary absences for purposes of recreation, holidays, visits to friends and relatives, business, medical treatment or religious pilgrimage.

Persons usually resident in the place of enumeration but absent, or expected to be absent, at the time of the census for less than one year shall be considered as temporarily absent persons and thus included in the total usually population. In contrast, persons living or expected to live outside the place of enumeration for one year or more shall not be considered temporarily absent and shall therefore be excluded from the total population. This is regardless of the length of visits that they may pay to their families from time to time.

Persons who are enumerated but do not meet the criteria for usual residence in the place of enumeration, i.e. do not live or do not expect to live in the place of enumeration for a continuous period of at least 12 months, are considered temporarily present and are therefore not counted in the total usually resident population. Unless otherwise stated in this report.

3.4.2. Statistical concepts and definitions - Sex

Male or female.

3.4.3. Statistical concepts and definitions - Age

The age reached at the reference date (in completed years).

3.4.4. Statistical concepts and definitions - Employed person

A person aged 15 or over who during the last full working week of 2021 (13–19 December 2021):

- performed at least one hour of work for pay or profit, in cash or in kind;
- was self-employed, or
- was temporarily absent from a job in which he/she had already worked and to which he/she maintained a formal attachment.

3.4.5. Statistical concepts and definitions - Place of birth

The place of birth for persons born within the country is the civil division in which the person was born; for those born in other countries, it is the country of birth. For persons born in the country (the native-born population), the concept of place of birth usually refers to the geographic unit where the mother of the individual resided at the time of the person's birth.

3.4.6. Statistical concepts and definitions - Place of usual residence one year prior to the census
<p>The relationship between the current place of usual residence and the place of usual residence one year prior to the census.</p> <p>For all persons that have changed their usual residence more than once within the year prior to the reference date, the previous place of usual residence is the last usual residence from which they moved to their current place of usual residence.</p>
3.5. Statistical unit
Person
3.6. Statistical population
Usually resident population.
3.7. Reference area
Estonia
3.7.1. Geographic bounding box
<p>MIN (X,Y): 5007859.466; 3925486.875</p> <p>MAX (X,Y): 5367229.168; 4185784.475</p>
3.7.2. Spatial resolution
<p>1000</p> <p>Unit:m</p>
3.7.3. Coordinate Reference System
EPSG:3035 - ETRS89 / LAEA Europe
3.8. Coverage - Time
Data refer to the situation in the reporting country at the census reference date.
3.9. Base period
Not applicable.

4. Unit of measure	Top
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Counts of statistical units.

5. Reference Period

Top

31/12/2021

5.1. Temporal extent

31/12/2021

6. Institutional Mandate

Top

6.1. Institutional Mandate - legal acts and other agreements

National level:

Official Statistics Act

European level:

Regulation (EC) No 763/2008

Regulation (EU) 2018/1799

6.2. Institutional Mandate - data sharing
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Not applicable.

7. Confidentiality

Top

7.1. Confidentiality - policy

Values below 3 are hidden.

7.2. Confidentiality - data treatment
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Values below 3 are hidden.

8. Release policy	Top
8.1. Release calendar	
	https://www.stat.ee/en/calendar
8.2. Release calendar access	
	https://www.stat.ee/en/calendar
8.3. Release policy - user access	
Release calendar is accessible through Statistic Estonia website: https://www.stat.ee/en/calendar . It is based on the release policy - data on specific theme is released during the same period each year. All users have access to data at the same time.	
8.3.1. Conditions applying to access and use	
	https://inspire.ec.europa.eu/metadata-codelist/ConditionsApplyingToAccessAndUse/noConditionsApply
8.3.2. Limitations on public access	
	https://inspire.ec.europa.eu/metadata-codelist/ConditionsApplyingToAccessAndUse/noConditionsApply

9. Frequency of dissemination	Top
Decennial	

10. Accessibility and clarity	Top
10.1. Dissemination format - News release	
No separate news release on European grid data.	
10.2. Dissemination format - Publications	
Not applicable.	

10.3. Dissemination format - online database
Not applicable.
10.4. Dissemination format - microdata access
Not applicable.
10.5. Dissemination format - other
Dissemination through Eurostat.
10.6. Documentation on methodology
https://rahvaloendus.ee/en/census-2021/methodology-and-quality https://www.stat.ee/sites/default/files/2022-06/Registrip%C3%B5hise%20loenduse%20metoodika%20raport_EN.pdf
10.7. Quality management - documentation
https://rahvaloendus.ee/en/census-2021/methodology-and-quality

11. Quality management	Top
11.1. Quality assurance	
<p>To assure the quality of processes and products, Statistics Estonia applies the EFQM Excellence Model, the European Statistics Code of Practice and the Quality Assurance Framework of the European Statistical System (ESS QAF). Statistics Estonia is also guided by the requirements in § 7. “Principles and quality criteria of producing official statistics” of the Official Statistics Act.</p> <p>Two pilots of the register-based population and housing census were carried through (2016 and 2018) in preparation for 2021 census to check the quality of census data and census output. The quality of all variables and all hypercubes was measured in both pilot censuses, using two regulations: Regulation of European Commission (EU) No 1151/2010, 8.Dec.2010 and Regulation of European Parliament and Council of Europe (EC) No 763/2008.</p>	
11.1.1. Lineage	
<p>The census output was put together using same sources of data and same methods as applied in yearly statistics.</p> <p>Therefore, the census data is comparable with yearly population statistics.</p>	
11.1.2. Conformity, specification	

The definitions and technical regulations, laid down in Commission Regulations (EC) No 1201/2009.
11.1.3. Conformity, degree
The resource is fully conformant with the cited specification.
11.2. Quality management - assessment
Statistics Estonia performs all statistical activities according to an international model (Generic Statistical Business Process Model – GSBPM). According to the GSBPM, the final phase of statistical activities is overall evaluation using information gathered in each phase or sub-process; this information can take many forms, including feedback from users, process metadata, system metrics and suggestions from employees. This information is used to prepare the evaluation report which outlines all the quality problems related to the specific statistical activity and serves as input for improvement actions.

12. Relevance	Top
12.1. Relevance - User Needs	
<p>Users are public authorities, municipalities, media, researchers, individuals.</p> <p>Nationally, the data are used in public planning, population forecasting, policy development (for example, family and pension policy), research, and public debate.</p> <p>Internationally, the data are used by international organizations in analysis and research, in country comparisons, and in policy-making. The data are also used in international research and for private purposes.</p> <p>Population data are also used widely as a foundation for many other statistics.</p>	
12.2. Relevance - User Satisfaction	
Not available.	
12.3. Completeness	
All data requirements are met. Data is complete, it is based on administrative sources.	

13. Accuracy	Top

13.1. Accuracy - overall
Good accuracy, data are compiled through administrative sources.
13.2. Sampling error
Not relevant.
13.3. Non-sampling error
Not relevant.

14. Timeliness and punctuality	Top
14.1. Timeliness	
Data available within one year of the census referece date (31.12.2021).	
14.1.1. Date of publication	
Not applicable.	
14.1.2. Date of last revision	
27/12/2022	
14.1.3. Date of creation	
27/12/2022	
14.2. Punctuality	
Data is transmitted on time.	

15. Coherence and comparability	Top
15.1. Comparability - geographical	

The results of the 2021 Population and Housing Census are comparable with all those countries who conducted the census in accordance with EU legislation on the 2021 Population and Housing Censuses.

15.1.1. Geographic information - data quality

Good quality. Residence is determined with location index.

More on methodology: <https://rahvaloendus.ee/en/census-2021/methodology>, <https://www.stat.ee/sites/default/files/2022-05/Households%20and%20residences%20in%20registers.pdf>

15.2. Comparability - over time

Not applicable.

15.3. Coherence - cross domain

On the country level, the results of the Population and Housing Census are comparable with population statistics data published by Statistics Estonia and to a large extent with the results of the 2000 and 2011 Population and Housing Census.

15.4. Coherence - internal

Statistics are consistent within the dataset. Coherence is based on the most current data available.

16. Cost and Burden

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Not applicable

17. Data revision

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17.1. Data revision - policy

The data revision policy and notification of corrections are described in the section [Principles of dissemination of official statistics](#) of the website of Statistics Estonia.

17.2. Data revision - practice

Not applicable.

18. Statistical processing	Top
18.1. Source data	
Population Register and 17 other Estonian administrative registers.	
18.2. Frequency of data collection	
Decennial	
18.3. Data collection	
Data are collected through administrative data sources.	
18.4. Data validation	
The data are compared with the data of previous periods.	
18.5. Data compilation	
In data processing, the data cleaning and validation is enforced. No record imputation and estimations necessary because of a good quality of input data.	
18.6. Adjustment	
Not applicable	

19. Comment	Top
Data are submitted in accordance with the requirements of Eurostat.	

Related metadata	Top

Annexes
