

CENSUS_INS21ES_A_CZ_2021_0000

National Reference Metadata in Euro SDMX Metadata Structure (ESMS)

Compiling agency: Czech Statistical Office



Eurostat metadata

Reference metadata

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

1. Contact Top	
1.1. Contact organisation	Czech Statistical Office
1.1.1. Responsible party	Czech Statistical Office

1.1.2. Responsible party role	Resource Provider Custodian Owner User Distributor Originator Point of Contact Principal Investigator Processor Publisher Author
1.2. Contact organisation unit	Population statistics department
1.5. Contact mail address	Czech Statistical Office Na padesátém 81 100 82 Praha 10 Czech Republic

2. Metadata update Top	
2.1. Metadata last certified	31/01/2023
2.2. Metadata last posted	31/01/2023
2.3. Metadata last update	31/01/2023

3. Statistical presentation Top	
3.1. Data description	
Total population - number of usually resident population within a grid cell area.	
3.1.1. Resource title	
2021 Population and Housing Census	
3.1.2. Resource abstract	
a combination of register-based census and conventional census (full field self enumeration - paper forms, CAWI)	

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
Czech, 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
Czech, English
3.2. Classification system
not applicable (total population only)
3.3. Coverage - sector
not applicable
3.3.1. Topic category
Society
3.3.2. Spatial data service type

Download Service

3.4. Statistical concepts and definitions

usual population count

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

not applicable

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

not applicable

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

The relationship between the current place of usual residence and the place of usual residence one year prior to the census.

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.

3.5. Statistical unit

person

3.6. Statistical population

Persons enumerated in the 2021 census are those who were usually resident in the territory of the reporting country at the census reference date.

3.7. Reference area

grid cells

3.7.1. Geographic bounding box

N2838 - N3113

E4472 - E4960

3.7.2. Spatial resolution

1000

Unit:m

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

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Counts of statistical units.

5. Reference Period	Top
26 March 2021	
5.1. Temporal extent	
26 March 2021	

6. Institutional Mandate	Top
6.1. Institutional Mandate - legal acts and other agreements	
National Census Act No 332/2020 (Zákon o sčítání lidu, domů a bytů v roce 2021 a o změně zákona č. 89/1995 Sb., o státní statistické službě, ve znění pozdějších předpisů)	
6.2. Institutional Mandate - data sharing	
National Census Act (No 332/2020)	
Act No 89/1995 on the State Statistical Service	
European census regulations	

7. Confidentiality	Top
7.1. Confidentiality - policy	
not applicable for total grid population	
7.2. Confidentiality - data treatment	
not applicable for total grid population	

8. Release policy	Top
8.1. Release calendar	

March 2023
8.2. Release calendar access
not applicable
8.3. Release policy - user access
published on NSI official web site, open data (free access)
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	
NSI web site	
Annexes: 2021 census news	
10.2. Dissemination format - Publications	
Census Atlas (NSI web application)	
Annexes: NSI publications	

10.3. Dissemination format - online database	
open data	
Annexes: NSI open data website	
10.4. Dissemination format - microdata access	
not applicable	
10.5. Dissemination format - other	
not applicable	
10.6. Documentation on methodology	
NSI web site, NSI Public Database	
Annexes: NSI census website	
10.7. Quality management - documentation	
to be released	
Annexes: NSI wbsite on quality management	

11. Quality management	Top
11.1. Quality assurance	
<p>Management and evaluation of the quality of the processes leading to data collection and the data themselves are an integral part of the 2021 Census. It focuses on two areas: factual and statistical quality. Management of factual quality takes place through the establishment, monitoring and evaluation of processes (activities), auditing and evaluation of possible risks and systematic</p>	

proposing of possible remedial measures. Statistical quality is assessed using a number of instruments: quality indicators proposed by the CZSO, quality indicators proposed by Eurostat.

In collaboration with external specialists, the Czech Statistical Office developed a set of “quality indicators” which document and assess all activities related to data collection and processing. The indicators make use of information on the entire life cycle of census forms and later data records stored in CZSO reports and applications, and evaluates them using mathematical and statistical procedures. In this way information was acquired for example on the quality of distribution and collection of census forms, the quality of data processing, and the quality of the data themselves.

11.1.1. Lineage

official results (in accordance with quality requirements stated in EU and national regulations)

11.1.2. Conformity, specification

in compliance with standards

11.1.3. Conformity, degree

fully compliant

11.2. Quality management - assessment

Evaluation of quality took the form of Quality Hypercubes with data defined by Commission (EU) Regulation No 2017/881.

12. Relevance

[Top](#)

12.1. Relevance - User Needs

The census data disseminated by Eurostat are addressed to policy makers, researchers, media and the general public.

12.2. Relevance - User Satisfaction

No user satisfaction surveys are carried out. User inquiries are handled by the Eurostat User Support service.

12.3. Completeness

not applicable (total population only)

13. Accuracy	Top
13.1. Accuracy - overall	
For approx. 7% of usual residents the location of place of usual residence was imputed based on the place of registered residence.	
13.2. Sampling error	
not applicable, only exhaustive full field enumeration, no samples.	
13.3. Non-sampling error	
Data entry errors. biased comprehension on self-enumerated census forms, non-responses, false information provided by respondents.	

14. Timeliness and punctuality	Top
14.1. Timeliness	
21 months	
14.1.1. Date of publication	
30 December 2022	
14.1.2. Date of last revision	
31/01/2022	
14.1.3. Date of creation	
30/06/2022	
14.2. Punctuality	
0 days	

15. Coherence and comparability	Top
15.1. Comparability - geographical	

fully comparable
15.1.1. Geographic information - data quality
fully comparable
15.2. Comparability - over time
Wider use of administrative data sources enabled thorough sings-of-life analysis in 2021 as compared to 2011 census.
15.3. Coherence - cross domain
not applicable (no other domains provide population data at grid level)
15.4. Coherence - internal
fully coherent

16. Cost and Burden	Top
Budget: 2 225 million CZK (8.8 EUR per capita)	
Burden: Estimated total time spent: 3.5 million hours	

17. Data revision	Top
17.1. Data revision - policy	
not applicable	
17.2. Data revision - practice	
not applicable	

18. Statistical processing	Top
18.1. Source data	
census forms	

administrative data
18.2. Frequency of data collection
decennial
18.3. Data collection
<p>Administrative data collected based on agreements with data owners.</p> <p>Paper forms distributed by the Czech Post, collected mainly via mail.</p> <p>Online electronic forms accessible by combination of personal identifiers or using electronic identity</p> <p>Online response rate: 85 %</p>
18.4. Data validation
<p>Signs-of-life analysis was applied on administrative data</p> <p>Logical checks ensuring consistency at individual level were applied in online census forms (CAWI) as well as during data processing.</p>
18.5. Data compilation
For all persons XY coordinates of place of usual residence were identified. Total population of every grid cell was achieved via spatial aggregation.
18.6. Adjustment
For approx. 7% of usual residents the location of place of usual residence was imputed based on the place of registered residence.

19. Comment	Top
no further comments	

Related metadata	Top

Annexes