

**CENSUS\_INS21ES\_A\_AT\_2021\_0000**

National Reference Metadata in Euro SDMX Metadata Structure (ESMS)

Compiling agency: Statistics Austria



## Eurostat metadata

### Reference metadata

- [1. Contact](#)
- [2. Metadata update](#)
- [3. Statistical presentation](#)
- [4. Unit of measure](#)
- [5. Reference Period](#)
- [6. Institutional Mandate](#)
- [7. Confidentiality](#)
- [8. Release policy](#)
- [9. Frequency of dissemination](#)
- [10. Accessibility and clarity](#)
- [11. Quality management](#)
- [12. Relevance](#)
- [13. Accuracy](#)
- [14. Timeliness and punctuality](#)
- [15. Coherence and comparability](#)
- [16. Cost and Burden](#)
- [17. Data revision](#)
- [18. Statistical processing](#)
- [19. Comment](#)
- [Related Metadata](#)
- [Annexes](#) (including footnotes)

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

<b>1. Contact</b> <a href="#">Top</a>	
<b>1.1. Contact organisation</b>	Statistics Austria
<b>1.1.1. Responsible party</b>	Statistics Austria

<b>1.1.2. Responsible party role</b>	Point of Contact
<b>1.2. Contact organisation unit</b>	Directorate Social Statistics, Demography and Health, Register-based census
<b>1.3. Contact name</b>	Nicole Gumprecht
<b>1.4. Contact person function</b>	Head of register-based census
<b>1.5. Contact mail address</b>	Guglgasse 13, 1110 Vienna, Austria
<b>1.6. Contact email address</b>	Metadata point of contact : registerzaehlung@statistik.gv.at Responsible party : inspire@statistik.gv.at
<b>1.7. Contact phone number</b>	+43 1 71128 7352
<b>1.8. Contact fax number</b>	+43 1 71128 7445

<b>2. Metadata update</b> <a href="#">Top</a>	
<b>2.1. Metadata last certified</b>	14/12/2022
<b>2.2. Metadata last posted</b>	14/12/2022
<b>2.3. Metadata last update</b>	14/12/2022

<b>3. Statistical presentation</b> <a href="#">Top</a>	
<b>3.1. Data description</b>	
The data present the results of the 2021 EU census on population and housing, following Regulation (EC) 763/2008; Regulation (EU) 2017/543; Regulation (EU) 2017/712 and Regulation (EU) 2017/881; Regulation (EU) 2018/1799.	
<b>3.1.1. Resource title</b>	
1 square km grid data from the Austrian population census 2021	
<b>3.1.2. Resource abstract</b>	
1 square km grid data from the Austrian population census 2021 - Total population.	

<b>3.1.3. Resource type</b>
Spatial data set series
<b>3.1.3.1. Additional information if 'spatial data set' is marked</b>
<a href="https://data.europa.eu/en">https://data.europa.eu/en</a>
<b>3.1.4. Resource locator</b>
<a href="https://data.europa.eu/en">https://data.europa.eu/en</a>
<b>3.1.5. Unique resource identifier</b>
<a href="https://data.inspire.gv.at">https://data.inspire.gv.at</a>
<b>3.1.6. Coupled resource</b>
<b>3.1.7. Resource language</b>
English
<b>3.1.8. Keyword value</b>
Population Distribution
<b>3.1.9. Originating controlled vocabulary</b>
<a href="https://inspire.ec.europa.eu/theme/pd">https://inspire.ec.europa.eu/theme/pd</a>
<b>3.1.10. Metadata language</b>
English
<b>3.2. Classification system</b>
EPSG:3035 - Equal Area Grid 'Grid_ETRS89-LAEA1000'
<b>3.3. Coverage - sector</b>
All Austrian 1 square km grid cells.
<b>3.3.1. Topic category</b>
Society
<b>3.3.2. Spatial data service type</b>

Download Service

### **3.4. Statistical concepts and definitions**

The information is given separately for each census topic.

#### **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**

Sex that is registered in the birth certificate. As a rule, this refers to the biological sex. However, a person can have his/her gender changed in the birth certificate (and thus CPR) under certain circumstances (gender reassignment surgery not necessary, but gender alignment has to have taken place); binary variable: female or male.

#### **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**

'Employed' persons comprise all persons aged 15 years or over who during the reference week: (a) performed at least one hour of work for pay or profit, in cash or in kind, or (b) were temporarily absent from a job in which they had already worked and to which they maintained a formal attachment, or from a self-employment activity.

#### **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.

#### **3.5. Statistical unit**

grid cell

#### **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. 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

#### **3.7. Reference area**

Austria

##### **3.7.1. Geographic bounding box**

8.34, 17.919, 45.354, 49.214

##### **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.

<b>4. Unit of measure</b>	<a href="#">Top</a>
Counts of statistical units.	

<b>5. Reference Period</b>	<a href="#">Top</a>
31/10/2021	
<b>5.1. Temporal extent</b>	
31/10/2021	

<b>6. Institutional Mandate</b>	<a href="#">Top</a>
Law, set of rules or other formal set of instructions assigning responsibility as well as the authority to an organization for the collection, processing, and dissemination of census statistics.	
<b>6.1. Institutional Mandate - legal acts and other agreements</b>	
Bundesgesetz über die Durchführung von Volks-, Arbeitsstätten-, Gebäude- und Wohnungszählungen (Registerzählungsgesetz) BGBl. I Nr. 33/2006 idgF	
<b>6.2. Institutional Mandate - data sharing</b>	
Bundesgesetz über die Bundesstatistik (Bundesstatistikgesetz 2000) BGBl. I Nr. 163/1999 idgF	

<b>7. Confidentiality</b>	<a href="#">Top</a>
<b>7.1. Confidentiality - policy</b>	
The data treatment is regulated in the legal basis for the register-based census: BGBl. I Nr. 33/2006.	
<b>7.2. Confidentiality - data treatment</b>	
The data are compiled from various spending-registers that provide their information. To ensure data privacy protection, all microdata are pseudonymised. A branch-specific personal identification number for official statistics (bPIN OS) is required before delivering the data to Statistics Austria. Each individual has a unique number. The administrative units get an encrypted version of these	

bPIN-OS which has to be linked to the data that is sent to Statistics Austria. Hence, only Statistics Austria is able to decode the bPIN-OS and to link the individuals.

The SDC method chosen for the Austrian census is Record Swapping. Swapping minimises the risk of disclosure, preserves the additivity and consistency of output tables, is easy to implement and to understand, and it is possible to conduct special analyses outside the Census Hub without changing the results.

## 8. Release policy

[Top](#)

### 8.1. Release calendar

Data are made available 14 months after the end of the reference period (December 2022)

### 8.2. Release calendar access

<https://www.statistik.at/en/medien/release-calendar>

### 8.3. Release policy - user access

All users were informed 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

Results from the Austrian census are published in various news releases. For a list of news releases see: <https://www.statistik.at/medien/en/press-releases>

#### 10.2. Dissemination format - Publications

Results from the Austrian census are published in various publications releases. For a list of publications releases see: <https://www.statistik.at/en/services/tools/services/publikationen>

#### 10.3. Dissemination format - online database

<https://ec.europa.eu/CensusHub2/>

#### 10.4. Dissemination format - microdata access

Not available.

#### 10.5. Dissemination format - other

Not available.

#### 10.6. Documentation on methodology

The documentation on methodology will be available as soon as it is finished on <https://www.statistik.at>.

#### 10.7. Quality management - documentation

The national quality report will be available as soon as it is finished on <https://www.statistik.at>.

### 11. Quality management

[Top](#)

#### 11.1. Quality assurance

In the whole process the guidelines for Statistics Austria according to the Federal Statistics Act and the Register-based Census law were applied.

##### 11.1.1. Lineage

Official preliminary dataset, quality is assured.

##### 11.1.2. Conformity, specification

Regulation (EU) No 2018/1799 of 21 November 2018.

##### 11.1.3. Conformity, degree

Conform to Regulation (EU) No 2018/1799.

### 11.2. Quality management - assessment

Statistics Austria developed a special quality-framework for the quality assessment of register-based statistics. For the evaluation of the data, four quality-related hyperdimensions are computed. On the register-level a) the quality of the documentation of data b) the usability of the data and c) the validity compared to an external source are assessed by three hyperdimensions. The fourth hyperdimension evaluates the quality of the imputations. A quality-indicator can be derived from these four hyperdimensions. For the combination of the quality-measures and for further details on the comprehensive quality-framework see the documentation on quality assessment.

## 12. Relevance

[Top](#)

### 12.1. Relevance - User Needs

Counts of statistical units

### 12.2. Relevance - User Satisfaction

No user satisfaction surveys are carried out.

### 12.3. Completeness

Complete.

## 13. Accuracy

[Top](#)

### 13.1. Accuracy - overall

There are no particular reasons for data unreliability for this topic.

### 13.2. Sampling error

Not applicable.

### 13.3. Non-sampling error

Not applicable.

<b>14. Timeliness and punctuality</b>	<a href="#">Top</a>
<b>14.1. Timeliness</b>	
According to Article 9 (1) of the Regulation (EU) No 2018/1799, Member States shall provide the Commission (Eurostat) with validated and aggregated data and with metadata on total population by 31 December 2022.	
<b>14.1.1. Date of publication</b>	
31/12/2022	
<b>14.1.2. Date of last revision</b>	
21/12/2022	
<b>14.1.3. Date of creation</b>	
21/12/2022	
<b>14.2. Punctuality</b>	
Not available.	

<b>15. Coherence and comparability</b>	<a href="#">Top</a>
<b>15.1. Comparability - geographical</b>	
The definitions and technical specifications of Regulation (EU) 2018/1799 were applied. The comparability of data is assured.	
<b>15.1.1. Geographic information - data quality</b>	
Geographic quality principles, in particular territorial coverage and comparability, positional accuracy, as well as temporal coherence and completeness of the geographic data used for geocoding, as requested by Annex III to Reg. 2018/1799 are fulfilled.	
<b>15.2. Comparability - over time</b>	
Not available.	
<b>15.3. Coherence - cross domain</b>	

Figures provided by the National Statistical Institutes in the framework of the 2021 Population and Housing Census may differ from those transmitted in other statistical domains due to the cross domain differences in definitions and methodologies used. For additional information please see metadata specific to each domain.

#### 15.4. Coherence - internal

Internal coherence is assured by regulations (Regulation (EC) No 763/2008, Regulation (EU) No 2017/543, Regulation (EU) No 1151/2010)

#### 16. Cost and Burden

[Top](#)

Due to the method of a register-based census there is no burden for the population. The costs are reduced in comparison to a conventional census.

#### 17. Data revision

[Top](#)

##### 17.1. Data revision - policy

The published preliminary grid data on total population will be revised and replaced by final data in May 2023.

##### 17.2. Data revision - practice

The published preliminary grid data on total population will be revised and replaced by final data in May 2023.

#### 18. Statistical processing

[Top](#)

##### 18.1. Source data

- Central Population Register
- Central Civil Status Register
- Business Register
- Central Social Security Register
- Tax Register
- Unemployment Register
- Register of Educational Attainment
- Register of Enrolled Pupils and Students

- Buildings and Dwellings Register
- Family allowance register
- Registers of public servants of the federal state and the "Laender" (NUTS2 level)
- Central Foreigner Register
- Register of Social Welfare Recipients
- Register of Alternative Civilian Service
- Conscription Register
- Register of car owners

#### 18.2. Frequency of data collection

Continuously.

#### 18.3. Data collection

Data are transmitted to Statistics Austria at regular intervals (at least annually).

#### 18.4. Data validation

As data on various topics are provided by several administrative data holders the quality of the attributes enhances due to the principle of redundancy. A special rule set defined by Statistics Austria picks the most appropriate value for the census-micro-database for each individual according to the values in the spending registers. Furthermore plausibility-checks are carried out in the data processing. In the quality assessment a comparison of the spending registers to an external source (micro-census) is carried out and the trustworthiness of the final data is evaluated.

#### 18.5. Data compilation

Details will be provided in national documentation as soon as it is finished <https://www.statistik.at>.

#### 18.6. Adjustment

Details will be provided in national documentation as soon as it is finished <https://www.statistik.at>.

#### 19. Comment

[Top](#)

Not available.

#### Related metadata

[Top](#)

