

Metadata and quality report on European demographic and migration statistics

National Reference Metadata in Euro SDMX Metadata
Structure (ESMS)
Compiling agency: Statistical Service of Cyprus



Eurostat metadata

Reference metadata

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For any question on data and metadata, please contact: [EUROPEAN STATISTICAL DATA SUPPORT](#)

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1. Contact

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1.1. Contact organisation	Statistical Service of Cyprus
1.2. Contact organisation unit	Demography
1.5. Contact mail address	Michael Karaolis Str. 1444 Nicosia CYPRUS

2. Metadata update

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2.1. Metadata last certified	31/12/2021
2.2. Metadata last posted	31/12/2021
2.3. Metadata last update	31/12/2021

3. Statistical presentation

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3.1. Data description

Data and metadata are transmitted to Eurostat by the Member States in the framework of the Unified Demographic Data Collection which is in accordance with [Regulation \(EC\) No 862/2007](#) and [Regulation \(EU\) No 1260/2013](#) and their implementing regulations.

This Euro SDMX Metadata Structure is used for the purpose of quality reporting. The definition of the quality concepts and guidelines are described in the [European Statistical System Handbook for Quality Reports](#).

3.2. Classification system

The current regional breakdown of the countries in the regional demographic tables is according to:

- [Regulation \(EU\) 2066/2016](#) amending the annexes to [Regulation \(EC\) No 1059/2003](#) of the European Parliament and of the Council on the establishment of a common classification of territorial units for statistics (NUTS). The NUTS classification according to this regulation is shortly named NUTS-2016.
- Agreements between Eurostat and Candidate countries as well as between Eurostat and EFTA countries, for which statistical regions have been coded in a way that resembles NUTS.

3.3. Coverage - sector

Not applicable.

3.4. Statistical concepts and definitions

3.4.1 Statistical concepts and definitions used in the statistics transmitted to Eurostat

	1. Usually Resident Population	2. Legal Residence Population	3. Registered Residence Population	4. Other
Population	X			
Live births	X			
Deaths	X			
Immigrants	X			
Emigrants	X			
Acquisitions of citizenship	X			
Loss of citizenship				
Legally induced abortions				
Late foetal deaths				
Infant deaths				
Marriages	X			
Divorces	X (A few cases of non-residents which could not be identified as so, may be included in the total number of divorces)			

3.4.2 Statistical concepts and definitions used in the statistics disseminated in the National Statistical Institute's website

Statistical national concepts and definitions	
Population	Population residing in the country for at least 12 months, or who came in the country with the intention of residing for at least 12 months.
Live births	Births to mothers who are usual residents during the reference period.
Deaths	Deaths that occurred during the reference period, to persons who are usual residents.
Immigrants	Number of persons who arrived in the country during the reference period, with the intention of residing for at least 12 months.
Emigrants	Number of residents who left the country during the reference period, with the intention of residing abroad for at least 12 months.
Acquisitions of citizenship	Number of residents who acquired the Cypriot citizenship during the reference period.
Loss of citizenship	Not available.
Legally induced abortions	Not available.
Late foetal deaths	Not available.
Infant deaths	Not available.
Marriages	Marriages of residents that were celebrated during the reference period.
Divorces	Divorces of residents that were issued during the reference year. A few cases of non-residents, which could not be identified as so, may be included in the total number of divorces.

3.4.3 Differences in statistical concepts and definitions between the statistics transmitted to Eurostat and those disseminated in the National Statistics Institute's website

Population	No deviations exist.
Live births	No deviations exist.
Deaths	No deviations exist.
Immigrants	No deviations exist.
Emigrants	No deviations exist.
Acquisitions of citizenship	No deviations exist.
Loss of citizenship	Not available.
Legally induced abortions	Not available.
Late foetal deaths	Not available.
Infant deaths	Not available.
Marriages	No deviations exist.
Divorces	No deviations exist.

3.5. Statistical unit

Number of persons.

3.6. Statistical population

	Statistical population
Population	Usually resident population concept.
Live births	Usually resident population concept.
Deaths	Usually resident population concept.
Immigrants	Usually resident population concept.
Emigrants	Usually resident population concept.
Acquisitions of citizenship	Usually resident population concept.
Loss of citizenship	Not available.
Legally induced abortions	Not available.
Late foetal deaths	Not available.
Infant deaths	Not available.
Marriages	Usually resident population concept.
Divorces	Usually resident population concept.

3.7. Reference area

Government controlled areas of the Republic of Cyprus.

3.8. Coverage - Time

Annual data: Reference year 2020.

3.9. Base period

Not applicable.

4. Unit of measure

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Data is collected at unit (person) level.

5. Reference Period

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The reference date for population data is the end of the reference period (midnight of 31 December).
The reference period for vital events data is the calendar year in which the events occurred. The reference period for migration flow data is the calendar year in which migration occurred.

6. Institutional Mandate

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6.1. Institutional Mandate - legal acts and other agreements

Article 3 of the national Statistics Law, No. 15(I) of 2000 defines the functions of the Statistical Service of Cyprus regarding the production and dissemination of official statistics. Moreover, Article 11(1) explicitly stipulates the mandate for data collection and introduces a mandatory response to statistical enquiries by stipulating the obligation of respondents to reply to surveys and provide the data required. This relates not only to national but also to European statistics, which, by virtue of Article 15 of the said Law, are incorporated in the annual and 5-year programmes of work without any further procedure.

6.2. Institutional Mandate - data sharing

Not available.

7. Confidentiality

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7.1. Confidentiality - policy

Official statistics are released in accordance to all confidentiality provisions of the following:

- National Statistics Law No 15(I) of 2000 (especially Article 13 on statistical confidentiality);
- Regulation (EC) No 223/2009 of the European Parliament and of the Council of 11 March 2009 on European statistics and its later amendments (especially Chapter 5 on statistical confidentiality);
- European Statistics Code of Practice (especially Principle 5 on statistical confidentiality);
- *CYSTAT*'s Code of Practice for the Collection, Publication and Storage of Statistical Data.

Please see below links to the above documents:

— Regulation (EC) No 223/2009 on European statistics (consolidated text):

<http://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:02009R0223-20150608&qid=1504858409240&from=EN>;

— European Statistics Code of Practice:

<https://ec.europa.eu/eurostat/documents/4031688/8971242/KS-02-18-142-EN-N.pdf/e7f85f07-91db-4312-8118-f729c75878c7>;

— Code of Practice for the Collection, Publication and Storage of Statistical Data:

<https://www.cystat.gov.cy/en/AboutCYSTAT>

7.2. Confidentiality - data treatment

The treatment of confidential data is regulated by *CYSTAT*'s Code of Practice for the Collection, Publication and Storage of Statistical Data.

Link to the Code of Practice for the Collection, Publication and Storage of Statistical Data:

<https://www.cystat.gov.cy/en/AboutCYSTAT>

8. Release policy

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8.1. Release calendar

Not applicable.

8.2. Release calendar access

Not applicable.

8.3. Release policy - user access

According to the Dissemination and Pricing Policy of the Statistical Service of Cyprus (section 2.3) *CYSTAT*'s main channel for dissemination of statistics is the website, which offers the same conditions to everyone and is updated at the same time every working day (12:00 noon). Privileged pre-released access (of no more than 1 day in advance) has been granted to a few selected users for specific statistics. These are specified in the Dissemination Policy (section 2.3).

In addition to the annual release calendar, users are informed of the various statistical releases through the "Alert" service provided by *CYSTAT*.

Link to the Dissemination and Pricing Policy of the Statistical Service of Cyprus:

<https://www.cystat.gov.cy/en/AboutCYSTAT>

9. Frequency of dissemination

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Annually.

10. Accessibility and clarity

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10.1. Dissemination format - News release

<https://www.cystat.gov.cy/en/AboutCYSTAT>

10.2. Dissemination format - Publications

<https://www.cystat.gov.cy/en/AboutCYSTAT>

10.3. Dissemination format - online database

Not applicable.

10.4. Dissemination format - microdata access

Statistical micro-data from *CYSTAT*'s surveys are accessible for research purposes only and under strict provisions as described below:

Under the provisions of the Statistics Law, *CYSTAT* may release microdata for the sole use of scientific research. Applicants have to submit the request form APPLICATION FOR DATA FOR RESEARCH PURPOSES giving thorough information on the project for which micro-data are needed.

The application is evaluated by *CYSTAT*'s Confidentiality Committee and if the application is approved, a charge is fixed according to the volume and time consumed for preparation of the data. Micro-data may then be released after an anonymisation process, which ensures no direct identification of the statistical units but, at the same time, ensures usability of the data. The link for the application is attached below.

Link to the application for access to microdata on *CYSTAT*'s website:

<https://www.cystat.gov.cy/en/AboutCYSTAT>

10.5. Dissemination format - other

Not applicable.

10.6. Documentation on methodology

	Documentation on methodology
Population	https://www.cystat.gov.cy/en/PublicationList?s=46
Live births	https://www.cystat.gov.cy/en/PublicationList?s=46
Deaths	https://www.cystat.gov.cy/en/PublicationList?s=46
Immigrants	https://www.cystat.gov.cy/en/PublicationList?s=46
Emigrants	https://www.cystat.gov.cy/en/PublicationList?s=46
Acquisitions of citizenship	Not available.
Loss of citizenship	Not available.
Legally induced abortions	Not available.
Late foetal deaths	Not available.
Infant deaths	Not available.
Marriages	https://www.cystat.gov.cy/en/PublicationList?s=46
Divorces	https://www.cystat.gov.cy/en/PublicationList?s=46
Surface in km ²	Not available.

10.7. Quality management - documentation

Not available.

11. Quality management

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11.1. Quality assurance

	Quality assurance
Citizenship	The definition of citizenship stated in Article 2.1 of Regulation (EC) No 862/2007 is applied.
Country of birth	The definition of country of birth stated in Article 2.1 of Regulation (EC) No 862/2007 is applied (the country of residence of the mother at the time of birth).
Country of birth of the mother	The definition of birth of the mother stated in Article 2 (c) of Regulation (EU) No 205/2014 is applied.
Country of previous usual residence	The definition of country of previous usual residence stated in Article 2 (a) of Regulation (EU) No 351/2010 is applied.
Country of next usual residence	The definition of country of next usual residence stated in Article 2 (b) of Regulation (EU) No 351/2010 is applied.
Deaths	The definition of death stated in Article 2 of Regulation (EU) No 1260/2013 is applied.
Divorce	Not available.
Emigrants	The definition of emigrant stated in Article 2.1 of Regulation (EC) No 862/2007 is applied.
First-time marrying person	Not available.
First-time registering partner	Not available.
Foetal death	Not available.
Foreign-born	The definition of foreign-born stated in Article 2(e) of Regulation (EU) No 351/2010 is applied.
Immigrants	The definition of immigrant stated in Article 2.1 of Regulation (EC) No 862/2007 is applied.
Infant death	Not available.
Late foetal death	Not available.
Legally induced abortions	Not available.
Level of development	Not available.
Live birth	The definition of birth stated in Article 2 of Regulation (EU) No 1260/2013 is applied.
Live birth order	Not available.
Marriage	Not available.
Native born	The definition of native-born stated in Article 2 (d) of Regulation (EU) No 351/2010 is applied.
Person contracting legal union for first-time	Not available.
Regional	The definition stated in Article 2 of Regulation (EU) No 1260/2013 is applied.
Registered partnership	Not available.
Registered partnership legally dissolved	Not available.
Separation	Not available.

11.2. Quality management - assessment

11.2.1. Quality assessment: Type of duration of stay used when counting a person as a migrant according to Art. 2(b) of [Regulation \(EC\) No 862/2007](#)

		1. Actual duration of stay of at least 12 months	2. Intended duration of stay of at least 12 months	3. Actual and intended duration of stay of at least 12 months	4. Other. Please specify
Nationals	Immigrants			X	
	Emigrants			X	
EEA citizens	Immigrants			X	
	Emigrants			X	
Non EEA citizens	Immigrants			X	
	Emigrants			X	

11.2.2. Quality assessment of the definition of acquisitions of citizenship according to Art. 3(d) of [Regulation \(EC\) No 862/2007](#)

	1. Acquisitions of citizenship granted to persons having their usual residence in the territory of the Member State	2. Other. Please specify
Acquisitions of citizenship	All acquisitions of citizenship granted to residents, which are registered at the Civil Registry and Migration Department are reported in the table, thus achieving 100 % coverage.	

12. Relevance

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12.1. Relevance - User Needs

Not available.

12.2. Relevance - User Satisfaction

Since 2008 (with the exception of 2010 and 2013), *CYSTAT* carries out an annual online “Users Satisfaction Survey”. The results of the surveys are available on *CYSTAT*’s website at the link below. Overall, the users of statistical data published by *CYSTAT* are satisfied.

Results of *CYSTAT*’s User Satisfaction Surveys: <https://www.cystat.gov.cy/en/MethodologicalInformation>

12.3. Completeness

Not available.

13. Accuracy

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13.1. Accuracy - overall

	Overall accuracy and special cases (Inclusion/exclusion of asylum seekers and refugees, persons living on unauthorised or irregular basis, international students, persons who do not register/deregister,...)
Population	The population enumerated at the latest Census of Population is used as the benchmark for population estimates. Annual estimates are then produced based on natural change (births - deaths) and migration estimates.
Live births	Complete coverage. Data on births are provided by the Civil Registry and Migration Department (CRMD) at which all births should be registered within 3 months from

	Overall accuracy and special cases (Inclusion/exclusion of asylum seekers and refugees, persons living on unauthorised or irregular basis, international students, persons who do not register/deregister,...)
	<p>occurrence. The data on births are also matched with the database kept at the Health Monitoring Unit of the Ministry of Health, in order to obtain additional information. Births of asylum seekers and refugees are included in the total number of births.</p> <p>Some cases with unknown characteristics (such as mother's citizenship, biological order etc.) are cases for which the information was missing at the CRMD database.</p>
Deaths	<p>Complete coverage. Data on deaths are provided by the Civil Registry and Migration Department at which all deaths should be registered within a year from occurrence. The data on deaths are also processed and checked by the Health Monitoring Unit of the Ministry of Health and then are submitted to the Statistical Service of Cyprus for analysis. Deaths of asylum seekers and refugees are included in the total number of deaths.</p>
Immigrants	<p>Data on immigrants are based on estimations that result from a survey conducted at airports, cross-checked with other sources available at the Statistical Service of Cyprus. Asylum seekers and refugees are enumerated during the Census of Population, in case they have stayed in the country for at least 12 months or they came in the country with the intention of staying for at least 12 months.</p>
Emigrants	<p>Data on emigrants are based on estimations that result from a survey conducted at airports, cross-checked with other sources available at the Statistical Service of Cyprus.</p>
Acquisitions of citizenship	<p>Complete coverage. Data are provided by the Civil Registry and Migration Department.</p>
Loss of citizenship	Not available.
Legally induced abortions	Not available.
Late foetal deaths	Not available.
Infant deaths	Not available.
Marriages	Not available.
Divorces	Not available.

13.2. Sampling error

	Sampling error
Population	Not available.
Live births	Not available.
Deaths	Not available.
Immigrants	Not available.
Emigrants	Not available.
	Not available.

	Sampling error
Acquisitions of citizenship	
Loss of citizenship	Not available.
Legally induced abortions	Not available.
Late foetal deaths	Not available.
Infant deaths	Not available.
Marriages	Not available.
Divorces	Not available.

13.3. Non-sampling error

	Non-sampling error (coverage error, measurement error, non-response error, processing error, model assumption error)
Population	Not available.
Live births	Not available.
Deaths	Not available.
Immigrants	Not available.
Emigrants	Not available.
Acquisitions of citizenship	Not available.
Loss of citizenship	Not available.
Legally induced abortions	Not available.
Late foetal deaths	Not available.
Infant deaths	Not available.
Marriages	Not available.
Divorces	Not available.

14. Timeliness and punctuality

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14.1. Timeliness

According to Article 4 (2) of the Commission Implementing Regulation (EU) No 205/2014, each year Member States shall provide the Commission (Eurostat) with data at national and regional level as described in Annex II and related standard reference metadata (in the metadata structure definition defined for the Euro SDMX Metadata Structure) for the reference year within 12 months of the end of the reference year. According to Article 3 (2) of the Commission Regulation (EC) No 862/2007, Statistics on international migration, usually resident population and acquisition of citizenship shall be supplied to the Commission (Eurostat) within 12 months of the end of the reference year.

14.2. Punctuality

Not applicable.

15. Coherence and comparability

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15.1. Comparability - geographical

Statistics are only available at national level and hence there is no issue of non-comparability between geographical areas.

15.2. Comparability - over time

	Comparability - over time
Population	Comparable data available since 2009.
Live births	Comparable data available since 2009.
Deaths	As from 2013, the number of deaths refers to the deaths of residents only.
Immigrants	Comparable data available since 2009.
Emigrants	Comparable data available since 2009, although there has been a small change in the production method with regards to the distribution of emigrants by age. No change was made however in the estimation of the total number of emigrants.
Acquisitions of citizenship	Comparable data available since 2008 (revised data for the period 2008-2017).
Loss of citizenship	Not available.
Legally induced abortions	Not available.
Late foetal deaths	Not available.
Infant deaths	Not available.
Marriages	Not available.
Divorces	Not available.
Surface in km ²	Not available.

15.3. Coherence - cross domain

Concerning migration statistics, some differences may exist between figures published by CYPSTAT and figures available from administrative sources, due to different definitions and methodologies used. At the moment, plans are being made by the Statistical Service to make greater use of administrative sources (one of them being the Residence Permits database), and to try to link the two domains. It is expected that in the coming years there will be greater coherence between the two sources and disparities will be eliminated.

15.4. Coherence - internal

No internal inconsistencies exist.

16. Cost and Burden

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Not available.

17. Data revision

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17.1. Data revision - policy

A data revision policy is in place at CYPSTAT. It is published on CYPSTAT's website, at the following link: <https://www.cypstat.gov.cy/en/AboutCYPSTAT>

CYSTAT also publishes a list of scheduled revisions (regular or major revisions), on its website, at the following link:

<https://www.cystat.gov.cy/en/default>

17.2. Data revision - practice

The responsibility to declare an error when found in published statistics lies on the production unit. If an error is found, the Head of the Division informs the Director of *CYSTAT* accordingly and the correct information is then forwarded from the production unit to the Dissemination Unit for publication.

18. Statistical processing

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18.1. Source data

	List of data sources
Population	Civil Registry and Migration Department, Passengers Survey, Social Insurance Data, Other surveys available by the Statistical Service.
Live births	Civil Registry and Migration Department, Health Monitoring Unit (Ministry of Health).
Deaths	Civil Registry and Migration Department, Health Monitoring Unit (Ministry of Health).
Immigrants	Passengers Survey, Cyprus Flight Pass, Social Insurance Data, Other surveys available by the Statistical Service.
Emigrants	Passengers Survey, Cyprus Flight Pass, Social Insurance Data, Other surveys available by the Statistical Service.
Acquisitions of citizenship	Civil Registry and Migration Department.
Loss of citizenship	Not available.
Legally induced abortions	Not available.
Late foetal deaths	Not available.
Infant deaths	Not available.
Marriages	Not available.
Divorces	Not available.
Surface in km ²	Not available.

18.2. Frequency of data collection

Annual.

18.3. Data collection

Please see section 14.1.

18.4. Data validation

Some data validation rules are performed with the use of SPSS in order to ensure that the results are correct and consistent. These rules are mainly based on the definitions provided in the methodological manual prepared by Eurostat.

In addition, as previously mentioned, data on births and deaths are also matched with the databases kept at the Health Monitoring Unit of the Ministry of Health, in order to ensure that all additional information can be obtained.

18.5. Data compilation

Data on births, deaths, immigrants, emigrants and population sent to Eurostat, refer to the usually resident population of the Government controlled area of Cyprus only. The population in the Government controlled area of Cyprus does not include the military forces (and their families) residing in the two Sovereign Base Areas (Akrotiri and Dhekelia) – it does include however the rest of the resident population in the two SBAs which do not belong to the military forces.

Turkish Cypriots residing in the occupied area of Cyprus are not included in the figures on births, deaths, immigrants, emigrants and population sent to Eurostat.

18.6. Adjustment

The balancing equation: Population of previous year plus natural change (live births minus deaths) plus net migration (immigrants minus emigrants) equals the population on 1 January of the reference year (the demographic balance for total population).

19. Comment

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No supplementary text is attached.

Related metadata

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Annexes

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