



# The Human Fertility Database

## SHORT-TERM FERTILITY FLUCTUATIONS data series (STFF)

### Metadata

Last update: 21.10.2022

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# 1. AUSTRIA (AUT)

Last update: 13.09.2022

## 1. Coverage

This monthly birth series includes all live births occurred to the permanent resident population of Austria, regardless of their citizenship. Births from migrants and visitors staying less than 3 months are not included. Until 2014 births registered abroad were not included, but from 2015 onward births of mothers abroad whose main residence is Austria were included.

## 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: June 2022.

2.3 Frequency of updates by data provider: quarterly.

2.4 Last updated by data provider: 25.08.2022.

## 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final. Data for 2022 are considered preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

## 4. Data References (sorted by RefCode)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**AUT01.** Statistik Austria: Demographische Merkmale von Geborenen. Weiterführenden Daten: Geborene, Tabelle 5: Lebendgeborene nach Ereignismonate und Bundesland seit 2006. Tabelle 9: Natürliche Bevölkerungsbewegung nach Ereignismonat und Bundesland seit 2019 Downloaded from <https://www.statistik.at/statistiken/bevoelkerung-und-soziales/bevoelkerung/geburten/demographische-merkmale-von-geborenen> (First accessed on 16.06.2022; last accessed on 13.09.2022)

## 2. BELGIUM (BEL)

Last update: 08.09.2022

### 1. Coverage

This birth series includes all live births registered in the National Register of Belgium, meaning they include all live births from women who legally reside in Belgium, regardless where these births take place, in Belgium or abroad. The National Register of Belgium includes data on all Belgians residing in Belgium, all Belgians residing abroad who registered in the population registers in diplomatic missions or consular posts, all foreigners with authorized residency in Belgium and all foreigners who declared themselves as refugees or applied for refugee status.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: June 2022.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 11.08.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: daily births (2000–2018); monthly births (2019–2022).

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final. Data for 2022 are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by *RefCode*)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**BELO3.** STATBEL: Births and fertility 2020-2022/06 (provisional figures). Downloaded from <https://statbel.fgov.be/en/themes/population/births-and-fertility#figures> (First accessed on 10.06.2022; last accessed on 08.09.2022).

### 3. BULGARIA (BRG)

Last update: 10.06.2022

#### 1. Coverage

This data series includes all live births to permanent residents of Bulgaria, including all the people residing at least more than one year in the country and not left officially as of December 31<sup>st</sup> of the respective year. Foreign citizens living in Bulgaria for less than a year are not considered within the resident population.

#### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: December 2021.

2.3 Frequency of updates by data provider: annual.

2.4 Last updated by data provider: April 2022.

#### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final.

#### 4. Data References (sorted by *RefCode*)

Data series from 2000 to 2017 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**BRG02.** National Statistical Institute of Bulgaria: Live Births by sex and month of birth. Downloaded from [https://infostat.nsi.bg/infostat/pages/reports/query.jsf?x\\_2=1063](https://infostat.nsi.bg/infostat/pages/reports/query.jsf?x_2=1063) (First accessed on 10.03.2021; last accessed on 10.06.2022)

## 4. CANADA (CAN)

Last update: 15.09.2021

### 1. Coverage

The data series includes live births to mothers residing in Canada (for more, see Statistics Canada, 2021).

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: December 2020.

2.3 Frequency of updates by data provider: annual.

2.4 Last updated by data provider: 28.09.2021.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: Data for 2000–2018 are final. Data for 2019–2020 are considered preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes

- During the production of each year's birth/death/stillbirth statistics, data from previous years may be revised to reflect any updates or changes that have been received from the provincial and territorial vital statistics registrars.
- 2017 to 2020 data for Yukon are not available.
- Due to improvements in methodology and timeliness, the duration of data collection has been shortened compared to previous years. As a result, there may have been fewer births and stillbirths captured by the time of the release. The 2017 and 2018 data were revised on September 29, 2020 and the 2019 data are considered preliminary.
- As a result of delays with birth registrations, fewer births have been captured to date for Manitoba in 2020.

See *Statistics Canada (2021a)* for more details.

### 5. Data References (sorted by RefCode)

Data series from 2000 to 2019 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**CAN01.** Statistics Canada. Table 13-10-0415-01 Live births, by month. Downloaded from <https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1310041501> (First accessed on 15.10.2021, last accessed on 15.09.2022).

### 6. Other references

Statistics Canada (2021). Canadian Vital Statistics - Birth database (CVSB). Access at <https://www23.statcan.gc.ca/imdb/p2SV.pl?Function=getSurvey&SDDS=3231#a1> (15.10.2021).

Statistics Canada (2021a). Live births, by month.

<https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1310041501> (15.10.2021).

## 5. CANADA: QUEBEC (CAN\_QUE)

Last update: 08.09.2022

### 1. Coverage

The data series includes live births to mothers residing in Quebec.

### 2. Time coverage

2.1 First month: January 2010.

2.2 Last month: June 2022.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 01.09.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: Data estimate the number of missing cases (births occurring outside Quebec, late registrations, etc.).

3.4 Status: Data for 2010–2019 are final. Data for 2020–2022 are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes

Birth data for 2020, 2021 and 2022 are provisional and are estimated according to the birth file as of May 27, 2022. They are based on the number of reports received and processed on that date and on an estimate of the number of missing cases (births occurring outside Quebec, late registrations, etc.).

### 5. Data References (sorted by *RefCode*)

**CAN\_QUE01.** Institut de la statistique du Québec. Downloaded from <https://statistique.quebec.ca/en/document/births-deaths-and-marriages-by-month-and-quarter-quebec/tableau/births-deaths-and-marriages-by-month-and-quarter-quebec> (First accessed on 14.09.2021, last accessed on 08.09.2022).



## 6. CHILE (CHL)

Last update: 08.09.2022

### 1. Coverage

This monthly birth series includes all live births occurred and registered in Chile. The “Estadísticas de Nacimientos y Natalidad por año, 1992-2020” data series published by the *Departamento de Estadísticas e Información de Salud* (DEIS) of the Chilean Government Health Ministry, direct source of this data series, is based on vital statistics. Births occurring abroad are not included in vital statistics data.

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: December 2021.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 05.09.2022.

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2019 data are final. 2020 data are being validated and 2021 figures are under the process of data gathering (MINSAL, 2021). All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes

- Birth figures from 2000 to 2011 include births of unknown month (UNK). These figures correspond to late registration births that the Chilean authorities published as corrected births (*nacimientos corregidos*). Chile includes two different birth counts for any given year: the observed or registered births (*nacimientos ocurridos/observados*) and the mentioned corrected ones. These corrected values include total births that occurred in a given year plus the ones registered in the following seven years. Nevertheless, the vast majority of births is registered in the year of birth or the following one, especially the period covered in this monthly data series. For instance, 99.8 percent of births born in 2004 were registered in the years 2004–2005 (HFD, 2021).
- In the process of developing the Vital Statistics on Births (*Estadística Vital de Nacimiento*) the MINSAL eliminates the registers received out of the period of 15 months which consists the Chilean statistical year (DEIS, 2015).

### 5. Data References (sorted by RefCode)

Data series from 2000 to 2011 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**CHL02.** Ministerio de Salud, MINSAL. Departamento de Estadísticas de Información de Salud, DEIS: Estadísticas de Nacimientos y Natalidad por año, 1992-2020: Serie Nacimientos. Ministerio de Salud,

MINSAL. Gobierno de Chile. Accessed at: <https://deis.minsal.cl/#datosabiertos> (Accessed on 01.03.2021).

**CHL03.** Ministerio de Salud, MINSAL. Departamento de Estadísticas de Información de Salud, DEIS. Nacimientos por año, 1992-2021. Accessed at: <https://deis.minsal.cl/#tableros> (First accessed on 22.12.2021; last accessed on 30.03.2022).

**CHL04.** Departamento de Estadísticas de Información de Salud, DEIS: Estadísticas de Nacimientos y Natalidad por mes, 1990-2021: Serie Nacimientos. Ministerio de Salud, Gobierno de Chile. Accessed at: <https://deis.minsal.cl/#tableros> (First accessed on 10.06.2022; last accessed on 08.09.2022).

## 6. Other references

Departamento de Estadísticas de Información de Salud, DEIS: Estadísticas de Nacimientos y Natalidad por año, 1992-2020: Nota Técnica. Ministerio de Salud, MINSAL. Gobierno de Chile. Accessed at: [https://informesdeis.minsal.cl/SASVisualAnalytics/?reportUri=%2Freports%2Freports%2F61eccc5-9a7c-427c-85fc-9054e4003520&sectionIndex=0&sso\\_guest=true&reportViewOnly=true&reportContextBar=false&sa-s-welcome=false](https://informesdeis.minsal.cl/SASVisualAnalytics/?reportUri=%2Freports%2Freports%2F61eccc5-9a7c-427c-85fc-9054e4003520&sectionIndex=0&sso_guest=true&reportViewOnly=true&reportContextBar=false&sa-s-welcome=false) (22.12.2021)

Human Fertility Database: Chile, Background and Documentation. Accessed at: <https://www.humanfertility.org/Docs/CHL/CHLcom.pdf> (01.03.2021)

Departamento de Estadísticas de Información de Salud, DEIS (2015): Proceso de generación de la Estadística Vital de Nacimiento en el Ministerio de Salud. Ministerio de Salud, MINSAL. Gobierno de Chile. Accessed at: <https://unstats.un.org/UNSD/Demographic/meetings/wshops/Chile/2015/docs/Session14-Chile3.pdf> (01.03.2021)

## 7. CROATIA (HRV)

Last update: 08.09.2022

### 1. Coverage

This monthly birth series includes all live births occurred to usual residents of Croatia.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: July 2022.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 30.08.2022.

### 3. Original data on births

3.1 Date: Final data are by date of occurrence. Preliminary (provisional) data (RefCode HRV1009) relate to the month of registration of the birth and not to the month of the occurrence of the event.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2020 data are final. Data for 2021 and 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by RefCode)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**HRV10.** Croatian Bureau of Statistics: Statistics in Line. Natural Change in Population. Provisional Data. Downloaded from <https://podaci.dzs.hr/en/statistics/population/>. (First accessed on 12.01.2021; last accessed on 08.09.2022).

**HRV11.** Croatian Bureau of Statistics. Data received from Ivan Cipin (University of Zagreb) on 10.01.2022.

## 8. CZECHIA (CZE)

Last update: 13.09.2022

### 1. Coverage

Registration of births is considered complete and covers the whole territory of the Czech Republic. Vital statistics includes all births to permanent residents of the Czech Republic, including births that were registered abroad.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: June 2022.

2.3 Frequency of updates by data provider: quarterly.

2.4 Last updated by data provider: 12.09.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by *RefCode*)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**CZE01.** Czech Statistical Office. Population, monthly time series. Table 1 Vital Statistics of the Czech Republic: 1992–2022, absolute monthly figures. Downloaded from [https://www.czso.cz/csu/czso/oby\\_ts](https://www.czso.cz/csu/czso/oby_ts) (First accessed on 29.01.2021, last accessed on 12.09.2022).

## 9. DENMARK (DNK)

Last update: 08.09.2022

### 1. Coverage

The Danish monthly birth series is based on the data from the Civil Registration System (CPR) of Denmark and includes live births to Danish resident mothers by date of occurrence.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: June 2022.

2.3 Frequency of updates by data provider: quarterly.

2.4 Last updated by data provider: 11.08.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by RefCode)

Data series from 2000 to 2021 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**DNK01.** Statistics Denmark: BEV3A: Live births and deaths by months. Downloaded from StatBank Denmark: <https://www.statbank.dk/10017> (First accessed on 12.01.2021; last accessed on 08.09.2022).

### 5. Other References

Statistics Denmark: Births. Accessed at <https://www.dst.dk/en/Statistik/emner/befolkning-og-valg/foedsler/foedsler> (12.01.2021).

## 10. ESTONIA (EST)

Last update: 15.09.2022

### 1. Coverage

This birth series includes all live births to permanent residents of Estonia, including the births registered in the Estonian consulates abroad.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: July 2022.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 19.08.2022.

### 3. Original data on births

3.1 Date: final data are by date of occurrence; preliminary data are by date of registration.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final. 2022 data are by date of registration; they are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by *RefCode*)

Data series from 2000 to 2019 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**EST01.** Statistics Estonia: Dataset RV10, Live births by month of birth. Downloaded from [https://andmed.stat.ee/en/stat/rahvastik\\_rahvastikusundmused\\_sunnid/RV10](https://andmed.stat.ee/en/stat/rahvastik_rahvastikusundmused_sunnid/RV10) (Population, Vital Events, Births) (First accessed on 11.06.2021, last accessed on 15.09.2022).

**EST02.** Statistics Estonia: Dataset RV061, Preliminary data of registration of births by month and county of the registration. Downloaded from [https://andmed.stat.ee/en/stat/rahvastik\\_rahvastikusundmused\\_sunnid/RV061](https://andmed.stat.ee/en/stat/rahvastik_rahvastikusundmused_sunnid/RV061) (Population, Vital Events, Births) (First accessed on 20.01.2021; last accessed on 08.09.2022).

### 5. Other References

Statistics Estonia: ESMS metadata: Vital Events, Births. Accessed at <https://www.stat.ee/en/find-statistics/methodology-and-quality/esms-metadata/30206> (13.01.2021).

# 11. FINLAND (FIN)

Last update: 20.09.2022

## 1. Coverage

This monthly birth series includes all live births occurred to the permanent resident population of Finland at the time of the birth, regardless of their citizenship.

## 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: August 2022.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 20.09.2022.

## 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

## 4. Data References (sorted by *RefCode*)

Data series from 2000 to 2021 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**FIN01.** Statistics Finland: Vital statistics by month, 1990M01-2021M05. Downloaded from [https://pxweb2.stat.fi/PxWeb/pxweb/en/StatFin/StatFin\\_\\_vamuu/statfin\\_vamuu\\_pxt\\_11ll.px/table/tableViewLayout1/](https://pxweb2.stat.fi/PxWeb/pxweb/en/StatFin/StatFin__vamuu/statfin_vamuu_pxt_11ll.px/table/tableViewLayout1/) (Accessed on 20.09.2022).

## 12. FRANCE (FRATNP)

Last update: 08.09.2022

### 1. Coverage

This births series covers the *de facto* French national population, i.e. all births to non-residents that occur in France are included in this series, whereas births to French residents living abroad are not included. The monthly birth series covers the *France Métropolitaine*, which means that births occurred in overseas territories (La Réunion, Martinique, Guadeloupe and Guyane) are not included.

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: July 2022.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 01.09.2022.

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2020 data are final. 2021 and 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by *RefCode*)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**FRATNP01.** Institut national de la statistique et des études économiques, INSEE: Naissances et fécondité. Séries Chronologiques. Démographie – Nombre de naissances vivantes – France métropolitaine. Data downloaded from <https://www.insee.fr/en/statistiques/series/102928992>. (First accessed on 12.01.2021; last accessed on 08.09.2022).



## 13. GERMANY (DEUTNP)

Last update: 15.09.2022

### 1. Coverage

This monthly birth series includes all live births delivered within the borders of Germany. When a German citizen gives birth to a child in a foreign country, the parents can apply for the child to be included in the register.

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: June 2022.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 13.08.2022.

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by *RefCode*)

Data series from 2000 to 2017 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**DEUTNP01.** Statistisches Bundesamt Deutschland. GENESIS database. Birth Statistics. Table 12612-0002: Live births by month and sex, Germany [Lebendgeborene: Deutschland, Monate, Geschlecht]. Available at <https://www-genesis.destatis.de/genesis/online?operation=statistic&levelindex=0&levelid=1612306399233&code=12612#abreadcrumb>. (First accessed on 20.01.2021; last accessed on 15.09.2022).

**DEUTNP02.** Statistisches Bundesamt Deutschland. Lebendgeborene nach Monaten - vorläufige Ergebnisse <https://www.destatis.de/DE/Themen/Gesellschaft-Umwelt/Bevoelkerung/Geburten/Tabellen/lebendgeborene-vorl.html> (First accessed on 21.01.2022; last accessed on 15.09.2022).

## 14. GREENLAND (GRL)

Last update: 08.09.2022

### 1. Coverage

The Greenlandic monthly birth series is based on the data from the Civil Registration System (CPR) of the Kingdom of Denmark and includes live births to Greenlandic resident mothers by date of occurrence.

All data and documentation for Greenland were provided by Lars Pedersen, Statistics Greenland.

### 2. Time coverage

2.1 First month: January 2020.

2.2 Last month: June 2022.

2.3 Frequency of updates by data provider: quarterly (preliminary data) and annually (final data).

2.4 Last updated by data provider: 06.08.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by RefCode)

**GRL01.** Statistics Greenland (StatBank Greenland). Monthly number of Livebirth 1973-2020 [BEEBBL0]. Downloaded from: <https://bank.stat.gl:443/sq/fccea2da-78f2-4125-9f3c-00e28e90fa13?lang=en> (First accessed on 11.02.2021; last accessed on 31.03.2022).

**GRL02.** Statistics Greenland (StatBank Greenland). Livebirth, preliminary quarterly report on month 2017-2021 [BEEBBLFK]. Downloaded from: [https://bank.stat.gl/pxweb/en/Greenland/Greenland\\_BE\\_BE85/BEXBBLFK.PX/](https://bank.stat.gl/pxweb/en/Greenland/Greenland_BE_BE85/BEXBBLFK.PX/) (First accessed on 11.02.2021; last accessed on 08.09.2022).

### 5. Other References

Statistics Greenland. Population. Accessed on 24.03.2021 at <https://stat.gl/population>.

## 15. HUNGARY (HUN)

Last update: 15.09.2022

### 1. Coverage

This monthly birth series includes all live births occurred in Hungary.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: July 2022.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 26.08.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by *RefCode*)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**HUN01** Hungarian Central Statistical Office: Main indicator of vital events (monthly data). Downloaded from: [https://www.ksh.hu/stadat\\_files/nep/en/nep0064.html](https://www.ksh.hu/stadat_files/nep/en/nep0064.html) (First accessed on 12.05.2021; last accessed on 08.09.2022).

### 5. Other References

Hungarian Central Statistical Office: Metainformation: Live birth. Accessed at [http://www.ksh.hu/apps/meta.objektum?p\\_lang=EN&p\\_menu\\_id=110&p\\_ot\\_id=100&p\\_obj\\_id=AABA](http://www.ksh.hu/apps/meta.objektum?p_lang=EN&p_menu_id=110&p_ot_id=100&p_obj_id=AABA) (12.01.2021).

## 16. ICELAND (ISL)

Last update: 15.09.2022

### 1. Coverage

This monthly birth series is based on the data from the National Population Register and includes all births to mothers with permanent residence in Iceland, regardless of where the birth takes.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: December 2021.

2.3 Frequency of updates by data provider: quarterly (preliminary data) and annually (final data).

2.4 Last updated by data provider: 28.04.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 1973–2021 data are final.

### 4. Data References (sorted by RefCode)

Data series from 2000 to 2021 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**ISL01.** Statistics Iceland: Births by months. Downloaded last from [https://px.hagstofa.is/pxen/pxweb/en/Ibuar/Ibuar\\_Faeddirdanir\\_faeddir\\_faedingar/MAN05302.px](https://px.hagstofa.is/pxen/pxweb/en/Ibuar/Ibuar_Faeddirdanir_faeddir_faedingar/MAN05302.px) (First accessed on 10.04.2021; last accessed on 15.09.2022)

## 17. IRELAND (IRL)

Last update: 08.03.2022

### 1. Coverage

This monthly birth series includes all live births occurred (and registered) in the territory of Ireland (CSO 2022). The population concept of usual residence is applied, which encompasses “all persons who are permanently resident in the State and those who intend to reside in the State for a period of 12 months or more” (CSO 2022a).

### 2. Time coverage

- 2.1 First month: January 2005.
- 2.2 Last month: December 2021.
- 2.3 Frequency of updates by data provider: unknown.
- 2.4 Last updated by data provider: 17.02.2022.

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2005–2019 data can be considered final. 2020 and 2021 data are preliminary and can be subject to change (for further details, see the note below).

### 4. Additional notes

Data from the civil registers are generally provisional in nature and are subject to amendment and correction. Official (and thus final) vital statistics are published by the Central Statistics Office.

### 5. Data References (sorted by *RefCode*)

**IRL01.** General Register Office. Data provided by Jackie Hickey (Department of Social Protection) by email on 17.02.2022.

### 6. Other References

Central Statistics Office. Our Methodologies and Practices / Survey Methodologies / People and Society. <https://www.cso.ie/en/methods/> (accessed on 08.03.2022).

## 18. ISRAEL (ISR)

Last update: 08.09.2022

### 1. Coverage

This monthly birth series includes all live births occurred in Israel (including the Judea, Samaria and Gaza Areas), to parents that have (at least one of the parents) an Israeli identity card. Births occurring to Israeli citizens living abroad are not included in this series (CBS, 2001). Births are notified to the Population Register by the “Notification of Live Birth” forms within 10 days of the birth.

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: June 2022.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 14.08.2022.

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by RefCode)

Data series from 2000 to 2009 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**ISR02.** Central Bureau of Statistics of Israel. Monthly Bulletin of Statistics: Vital Statistics, Live Births. Data downloaded from: <https://www.cbs.gov.il/en/publications/Pages/2020/Monthly-Bulletin-of-Statistics-August-2020.aspx> (19.01.2021).

**ISR03.** Central Bureau of Statistics of Israel. Live Births by Population Group. Data downloaded from the Time Series Databank within the Population topic, Live Births and Deaths sub-topic: <https://www.cbs.gov.il/en/Statistics/Pages/Generators/Time-Series-DataBank.aspx> (22.01.2021).

**ISR04.** Central Bureau of Statistics of Israel. Monthly Bulletin of Statistics. Data downloaded from: <https://www.cbs.gov.il/en/Pages/Monthly-Bulletin-of-Statistics.aspx> (First accessed on 25.01.2021; last accessed on 08.09.2022).

### 5. Other References

Central Bureau of Statistics of Israel (2001): Vital Statistics, Sources and Explanations. Accessed at [https://www.cbs.gov.il/he/publications/DocLib/2001/3.%20Shnaton%20Vital%20Statistics/st\\_eng03.doc](https://www.cbs.gov.il/he/publications/DocLib/2001/3.%20Shnaton%20Vital%20Statistics/st_eng03.doc) (25.01.2021).

## 19. ITALY (ITA)

Last update: 16.09.2022

### 1. Coverage

This monthly birth series includes all live births to permanent residents (at least one of the parents) of Italy and are registered in the Municipal Resident Population Registers. Births are recorded in the municipality of the parent's residency, even if they occurred elsewhere in Italy or even abroad. Thus, live births to non-residents are included neither in the register nor in this series.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: June 2022.

2.3 Frequency of updates by data provider: unknown.

2.4 Last updated by data provider: unknown.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2020 data are final. 2021 and 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes:

- As described in the Human Fertility Database, the collection and dissemination of birth data for Italy is complex, based on different sources to collect the data. For further information, please check the Background and Documentation of the HFD.
- Starting from 2018, the balance of the resident population considers the results of the permanent population census. Therefore, at the moment the 2018 and 2019 resident population data are not comparable with the previous time series (2011–2017). This comparison will be possible with the inter-census reconstruction of the resident population (2011–2018) (ISTAT, 2021).

### 5. Data References (sorted by RefCode)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**ITA01.** Istituto Nazionale di Statistica, Istat: Resident population – balance: monthly data. Downloaded from: <http://dati.istat.it/Index.aspx?QueryId=18958&lang=en#>. (First accessed on 19.01.2021; last accessed on 16.09.2022).

### 6. Other References

Human Fertility Database. Italy: Background and Documentation. Accessed at: <https://www.humanfertility.org/Docs/ITA/ITAcum.pdf> (21.01.2021).

ISTAT (2021): Resident population – balance: monthly data. Data source information. Accessed at: <http://dati.istat.it/Index.aspx?QueryId=18958&lang=en> (20.01.2021).

## 20. JAPAN (JPN)

Last update: 15.09.2022

### 1. Coverage

This monthly birth series includes all live births born to Japanese citizens living in Japan. Statistics of live births occurred to foreign citizens living in Japan, to Japanese citizens living abroad as well as statistics of registration of live births that had occurred in previous years (i.e., births of delayed registration) are released separately (for more information, see *Ministry of Health, Labour and Welfare*, 2021 and the HFD Background and Documentation file for Japan). The latter data are not included in the STFF data series.

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: April 2022.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: unknown

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: Vital Statistics of Japan aggregate all vital events to people of Japanese nationality living in Japan, occurring from January 1 to December 31 of the calendar year and notified to the local authorities by January 14 of the following year. However, a certain number of births are registered after this date. Live births of delayed registration are annually published by the Statistics Japan in a separate table. The table includes the annual number of these births reported in the calendar year by the year of their occurrence. No other information, e.g. the month of the birth, the age of the mother, or the birth order, is available. In the HFD, births of delayed registration are added to the years of their occurrence in the category of births with unknown month of birth, and the total monthly numbers of births are adjusted respectively. Therefore, STFF monthly births that come from the HFD file on monthly births include also births of delayed registration. The complete original data and the references to the data sources can be found in the Input Data section of the core HFD. For more detail, please see the HFD documentation for Japan.
- 3.4 Status: 2000–2020 data are final. 2021 and 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by RefCode)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**JPN01.** Statistics Dashboard Japan. Data Search. Vital Statistics of Japan, live births by month. Downloaded from: <https://dashboard.e-stat.go.jp/en/dataSearch> (First accessed on 17.02.2021, last accessed on 09.09.2022).

### 5. Other References

Human Fertility Database. Japan: Background and Documentation. Accessed at: <https://www.humanfertility.org/Docs/JPN/JPNcom.pdf> (21.01.2021).



Ministry of Health, Labour and Welfare: Vital Statistics, Outline of Vital Statistics in Japan. Accessed at: <https://www.mhlw.go.jp/english/database/db-hw/outline/index.html> (25.01.2021).

## 21. LATVIA (LVA)

Last update: 15.09.2022

### 1. Coverage

The number of births obtained in this monthly series refers to births registered in the Republic of Latvia during a year, if at least one of the parents is a usual resident of the Republic of Latvia. Starting from 2000 the number of births includes also children born abroad to permanent resident mothers temporarily residing in another country.

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: July 2022.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 13.09.2022.

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none
- 3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by RefCode)

Data series from 2000 to 2017 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**LVA01.** Central Statistical Bureau of Latvia. Live births and deaths by sex. Data accessed at [https://data.stat.gov.lv/pxweb/en/OSP\\_PUB/START\\_POP\\_ID\\_IDS/IDS010m/](https://data.stat.gov.lv/pxweb/en/OSP_PUB/START_POP_ID_IDS/IDS010m/) (First accessed on 22.01.2021; last accessed on 15.09.2022).

### 5. Other References

Central Statistical Bureau of Latvia. Population and key demographic indicators: Terms and definitions (*Data revision, Number of live births*). Accessed at <https://www.csb.gov.lv/en/statistics/statistics-by-theme/population/number-and-change/tables/metadata-population-and-key-demographic-indicators> (22.01.2021).

## 22. LITHUANIA (LTU)

Last update: 13.09.2022

### 1. Coverage

This monthly live birth series covers all children born alive in the Republic of Lithuania, with at least one of the parents being permanent residents or with unknown status. Children born abroad whose mothers are permanent residents of Lithuania are also included in this series.

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: June 2022.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 13.09.2022.

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data references (sorted by RefCode)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**LTU01.** Statistics Lithuania. Live Births by Month. Data downloaded from the Official Statistics Portal *Population* section, *Monthly and weekly demographic indicators* sub-section at:

<https://osp.stat.gov.lt/web/guest/statistiniu-rodikliu-analize?hash=cdc90d9c-f8a1-4964-9ce5-dc01d5f75a10#/>. (First accessed on 22.01.2021; last accessed on 13.06.2022).

**LTU02.** Statistics Lithuania. Live births by month of occurrence, January- June 2022. Delivered by Statistics Lithuania in an electronic format on 13.09.2022.

### 6. Other References

Human Fertility Database. Lithuania: Background and Documentation. Accessed at: <https://www.humanfertility.org/Docs/LTU/LTUcom.pdf> (12.12.2020).

Statistics Lithuania. Fertility statistics: Metadata. Accessed at:

<https://osp.stat.gov.lt/documents/10180/5118910/Gimstamumas+%5BEN%5D+484.html> (25.01.2021).

## 23. LUXEMBOURG (LUX)

Last update: 15.09.2022

### 1. Coverage

Data cover the resident population of Luxembourg.

### 2. Time coverage

2.1 First month: January 2000

2.2 Last month: December 2021

2.3 Frequency of updates by data provider: annual

2.4 Last updated by data provider: 11.04.2022

### 3. Original data on births

3.1 Date: month of occurrence

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: No

3.4 Status: Data for 2000–2021 are final.

### 4. Data references (sorted by RefCode)

**LUX01.** LUCSTAT Data Explorer. STATEC – National Institute of Statistics and Economic Studies of the Grand Duchy of Luxembourg:

[https://lucstat.statec.lu/vis?fs\[0\]=Topics%2C1%7CPopulation%20and%20employment%23B%23%7CPopulation%20movement%23B3%23&pg=20&fc=Pop.%20movement&lc=en&df\[ds\]=ds-release&df\[id\]=DF\\_B2206&df\[ag\]=LU1&df\[vs\]=1.0&pd=2015%2C2021&dq=A](https://lucstat.statec.lu/vis?fs[0]=Topics%2C1%7CPopulation%20and%20employment%23B%23%7CPopulation%20movement%23B3%23&pg=20&fc=Pop.%20movement&lc=en&df[ds]=ds-release&df[id]=DF_B2206&df[ag]=LU1&df[vs]=1.0&pd=2015%2C2021&dq=A).

## 24. NETHERLANDS (NLD)

Last update: 09.09.2022

### 1. Coverage

All births occurring in the Netherlands are reported to the municipalities and to Statistics Netherlands or Centraal Bureau voor de Statistiek (CBS), the official institution providing Dutch birth figures since 1950. Thus, this series include all live births among the resident population regardless of their citizenship.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: July 2022.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 31.08.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2020 data are final. 2021 and 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by RefCode)

Data series from 2000 to 2019 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**NLD01.** Centraal Bureau voor de Statistiek Netherlands (CBS). Table Bevolkingsontwikkeling; maand en jaar. Downloaded from [https://opendata.cbs.nl/statline/portal.html?\\_la=nl&\\_catalog=CBS&\\_tableId=83474NED&\\_them%20e=69&\\_theme=63](https://opendata.cbs.nl/statline/portal.html?_la=nl&_catalog=CBS&_tableId=83474NED&_them%20e=69&_theme=63). (First accessed on 08.09.2020; last accessed on 09.09.2022).

## 25. NEW ZEALAND (NZL)

Last update: 15.09.2022

### 1. Coverage

This data series includes live births registered in New Zealand to resident mothers living in New Zealand.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: December 2021.

2.3 Frequency of updates by data provider: unknown.

2.4 Last updated by data provider: 16.08.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: Because of confidentiality protection, data were randomly rounded. Thus, individual values for the same data may differ in different tables. Also, the sum of individual values may not be the same as the totals.

3.4 Status: data for 2000 through September 2019 are final. Data for April to December 2020 and data for 2021 are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes

According to the section 16 of the Births, Deaths, Marriages, and Relationships Registration Act 1995, late registrations were not included.

### 5. Data References (sorted by RefCode)

**NZL01.** Statistics New Zealand: Births VSB, Month and year of birth (Monthly). Accessed at: [http://infoshare.stats.govt.nz/default.aspx?RedirectReason=session\\_expired](http://infoshare.stats.govt.nz/default.aspx?RedirectReason=session_expired) (First accessed on 19.02.2021; last accessed on 15.09.2022).

## 26. NORWAY (NOR)

Last update: 31.03.2022

### 1. Coverage

This data series includes all live births to resident mothers or fathers of Norway at birth.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: December 2021.

2.3 Frequency of updates by data provider: annually.

2.4 Last updated by data provider: 09.03.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final.

### 4. Data References (sorted by *RefCode*)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**NOR01.** Statbank of Statistics Norway: Live births by month. Downloaded from <https://www.ssb.no/en/statbank/table/05531/> (First accessed on 11.03.2021; last accessed on 31.03.2022).

## 27. POLAND (POL)

Last update: 15.09.2022

### 1. Coverage

This data series includes births to residents of Poland.

### 2. Time coverage

2.1 First month: January 2000

2.2 Last month: December 2021

2.3 Frequency of updates by data provider: yearly

2.4 Last updated by data provider: unknown

### 3. Original data on births

3.1 Date: Data for 2010–2018 come from the Human Fertility Database and are by date of occurrence. Data for 2019–2020 come from the Demographic Yearbook of Statistics Poland. These data are also by month of occurrence, but some of the late registered births are missing, especially for December. This can cause a disagreement between December numbers of births from the HFD and from the Demographic Yearbook in the size of around 1–5%.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final.

### 4. Data References (sorted by RefCode)

Data series from 2000 to 2019 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**POL08.** Statistics Poland. Demographic Yearbook 2021. Table 86.

<https://stat.gov.pl/en/topics/statistical-yearbooks/statistical-yearbooks/demographic-yearbook-of-poland-2021,3,15.html> (accessed on 15.10.2021).

**POL09.** Statistics Poland. Demographic Database. Table: Births by month and day of the week.

<https://demografia.stat.gov.pl/BazaDemografia/Tables.aspx> (accessed on 15.09.2022).



## 28. PORTUGAL (PRT)

Last update: 15.09.2022

### 1. Coverage

This data series includes live births occurred in Portuguese territory, both to Portuguese and foreign citizens. The Portuguese territory includes the mainland (*Continente*) and the two insular regions (*Região Autónoma da Madeira* and *Região Autónoma dos Açores*).

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: May 2022.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 12.08.2022.

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2021 data are final (see Additional notes below for further details on 2020 data). 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes

“Data for 2020 are based on the information registered in the Civil Register Offices until March 2021. For public health reasons - Coronavirus disease (COVID-19) pandemic - on 18th March 2020, the first state of emergency was enacted in Portugal, through the Decree of the President of the Republic no. 14-A / 2020, regulated by Decree no. 2-A / 2020. The resulting restrictions had an impact on the lives of citizens, including mobility and social contacts. In this context, there was a problem on data transmission to Statistics Portugal and it has not been possible so far to recover the information on some of the variables, which are reflected in an increase of ignored cases. Although the situation does not compromise the quality of the data, we stress the need of careful analysis of these variables” (Statistics Portugal, 2022).

### 5. Data References (sorted by RefCode)

Data series from 2000 to 2021 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**PRT11.** Statistics Portugal: Live births (No.) by Place of residence of mother (NUTS - 2013) and Sex; Monthly. Data downloaded from: [https://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine\\_indicadores&indOcorrCod=0007286&contexto=bd&selTab=tab2](https://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine_indicadores&indOcorrCod=0007286&contexto=bd&selTab=tab2). (First accessed on 12.01.2021, last accessed on 07.09.2022).

### 5. Other references

Statistics Portugal: Database available at

[https://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine\\_indicadores&indOcorrCod=0008086&xlang=en&contexto=bd&selTab=tab2](https://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine_indicadores&indOcorrCod=0008086&xlang=en&contexto=bd&selTab=tab2) (13.01.2022).

## 29. REPUBLIC OF KOREA (KOR)

Last update: 15.09.2022

### 1. Coverage

This monthly birth data series includes all live births which occurred in the Republic of Korea to the population of Korean nationality. Births are counted if at least one of the parents is a usual resident of the Republic of Korea and is a Korean national or was born abroad and was naturalised as a Korean. Births to resident parents who are both foreigners are excluded.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: June 2022.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 24.08.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2020 data are final. 2021 and 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by RefCode)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**KOR01.** Statistics Korea. Vital statistics (number) by month for provinces. Downloaded from: [https://kosis.kr/statHtml/statHtml.do?orgId=101&tblId=DT\\_1B8000G&language=en&conn\\_path=I3](https://kosis.kr/statHtml/statHtml.do?orgId=101&tblId=DT_1B8000G&language=en&conn_path=I3). (First accessed on 18.01.2021; last accessed on 09.09.2022).

## 30. ROMANIA (ROU)

Last update: 15.09.2022

### 1. Coverage

This data series includes all live births to permanent residents of Romania, including all the people residing at least more than one year in the country and not left officially as of December 31<sup>st</sup> of the respective year. Foreign citizens living in Romania for less than a year are not considered within the resident population.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: June 2022.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 10.08.2022.

### 3. Original data on births

3.1 Date: 2000–2020: date of occurrence; 2021-2022: date of registration.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2020 data are final (by date of occurrence). 2021 data are semi-final (by date of occurrence) and 2022 data are provisional (by month of registration). Both 2021 and 2022 data are still preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by *RefCode*)

**ROU01.** Eurostat: Live births (total) by month (DEMO\_FMONTH). Downloaded from [https://ec.europa.eu/eurostat/databrowser/view/demo\\_fmonth/default/table?lang=en](https://ec.europa.eu/eurostat/databrowser/view/demo_fmonth/default/table?lang=en) (10.03.2021).

**ROU02.** National Institute of Statistics, NIS: Vital Statistics. Downloaded from <https://insse.ro/cms/en/tags/press-release-vital-statistics> (First accessed on 12.05.2021; last accessed on 15.09.2022).

## 31. RUSSIA (RUS)

Last update: 15.09.2022

### 1. Coverage

This monthly live birth series includes all births registered in the civil registry and covers the entire population of Russia (check the additional notes for details of the geographical coverage).

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: June 2022.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 05.08.2022.

### 3. Original data on births

3.1 Date: final data by date of occurrence; preliminary data are by date of registration.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2020 data are final. 2021 and 2022 data are preliminary (by month of registration) and can therefore be subject to change (for further details, please see section 4 below). All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes

- Vital statistics for the Russian Federation until 2002 do not cover the territory of the Chechen Republic. Since 2015, the official population statistics produced by the Rosstat include the Republic of Crimea and the city of Sevastopol. In order to ensure the temporal consistency of the HFD fertility data series for Russia and their comparability with fertility estimates produced by international agencies (in particular, the United Nations Population Division), these territories are not covered in the data published in the HFD (see the HFD Background and Documentation for Russia) and in the STFF.
- Regarding to the definition of live birth, up to today, the definition used in Russia has diverged from conventional practices and WHO recommendations, underestimating the number of births. Since 2012 the definition of live birth applied by the Russian Federation is closer to the WHO recommendations, but some differences remain and may thus lead to an underestimation of the figures (HFD, 2020).
- Area code 12: vital statistics do not cover the Chechen Republic.
- The Rosstat revised the figure for January 2021. The change is by one birth. The reference code was updated from RUS19 to RUS21.

### 5. Data references (sorted by RefCode)

Data series from 2000 to 2018 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**RUS01.** Federal State Statistics Service (Rosstat) (2022). Live births by month of birth, 2019-2020 (delivered in electronic format).

**RUS02.** Federal State Statistics Service (Rosstat) (2021). Natural population change. Downloaded from <https://rosstat.gov.ru/folder/12781> (First accessed on 20.07.2021, last accessed on 09.09.2022).

## **6. Other references**

Human Fertility Database. Russia: Background and Documentation. Accessed at: <https://www.humanfertility.org/Docs/RUS/RUScom.pdf> (12.12.2020).

## 32. SERBIA (SBR)

Last update: 09.09.2022

### 1. Coverage

This data series includes all births to usual residents of Serbia. The data do not cover the territory of AP Kosovo and Metohija (SORS 2022).

### 2. Time coverage

- 2.1 First month: January 2000
- 2.2 Last month: July 2022
- 2.3 Frequency of updates by data provider: monthly
- 2.4 Last updated by data provider: 25.08.2022

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2020 data are final. 2021 and 2022 data are preliminary (by month of registration) and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by *RefCode*)

**SBR01.** Statistical Office of the Republic of Serbia. Data received by email on 02.08.2019 for the HFD project.

**SBR02.** Statistical Office of the Republic of Serbia. Livebirths by month, by municipality. Downloaded from the online database: <https://data.stat.gov.rs/Home/Result/18030507?languageCode=en-US> (10.03.2022).

**SBR03.** Statistical Office of the Republic of Serbia (2022). Live births and deaths, January-December 2021. Downloaded from: <https://www.stat.gov.rs/en-us/oblasti/stanovnistvo/rodjeni-i-umrli/> (10.03.2022).

**SBR04.** Statistical Office of the Republic of Serbia (2022). Live births and deaths, January 2022. Downloaded from: <https://www.stat.gov.rs/en-us/oblasti/stanovnistvo/rodjeni-i-umrli/> (First accessed on 10.03.2022; last accessed on 09.09.2022).

### 5. Other references

Statistical Office of the Republic of Serbia (SORS) (2022). Births and deaths: metadata. Accessed at <https://data.stat.gov.rs/Home/Result/18030507?languageCode=en-US> (17.03.2022).

## 33. SINGAPORE (SGP)

Last update: 09.09.2022

### 1. Coverage

This monthly birth data series includes all live births which occurred to citizens and permanent residents of Singapore. All births should be registered in the Registry of Births and Deaths within 14 days from the date of the birth (ICA, 2021). Births occurred to Singapore citizens overseas are not registered.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: June 2022.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 11.08.2022

### 3. Original data on births

3.1 Date: 2000–2021 data are by date of occurrence; 2022 data are by date of registration.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by RefCode)

**SGP01.** Singapore Statistics. M810051-Live-Births by Sex and Ethnic Group, Monthly. Accessed at: <https://www.tablebuilder.singstat.gov.sg/publicfacing/createDataTable.action?refId=15162> (19.03.2021)

**SGP02.** Department of Statistics Singapore: M810051 - Live-Births by Sex and Ethnic Group, Monthly. Downloaded from <https://www.singstat.gov.sg/find-data/search-by-theme/population/births-and-fertility/latest-data> (First accessed on 12.08.2021; last accessed on 09.09.2022).

### 5. Other References

Immigration & Checkpoints Authority (ICA): Register and Collect Birth Certificate. Accessed at [https://www.ica.gov.sg/documents/birth/birth\\_registration](https://www.ica.gov.sg/documents/birth/birth_registration) (20.03.2021)



## 34. SLOVAKIA (SVK)

Last update: 21.10.2022

### 1. Coverage

According to the information provided on the website of the Statistical Office of the Slovak Republic DATAcube [<http://datacube.statistics.sk/>]: “The data cover all inhabitants residing permanently in Slovakia regardless of their citizenship as well as citizens of the SR with permanent residence in the SR during their temporary residence abroad. In 2012, the processing of birth statistics changed: while until 2011 the number of births included also children born abroad to mothers with permanent residence in the Slovak Republic (SR), since 2012 the birth statistics have included children born in the SR only.” However, data for the years 2000-2015, which come from the HFD, include also children born abroad.

In addition to the above-mentioned difference (i.e. how births occurring abroad are treated), monthly birth counts from the online databank DATAcube [<http://datacube.statistics.sk/>] are available by date of registration, whereas the birth data from the HFD (covering the years 2000-2015) are by date of occurrence. For these two reasons, there is a jump in the data series between 2015 and 2016, and it is therefore not recommended to compare these two series.

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: July 2022.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: exact date unknown.

### 3. Original data on births

3.1 Date: 2000–2015 data are by date of occurrence; 2016–2022 data are by date of registration. According to the web note of the Statistical Office of the Slovak Republic DATAcube [<http://datacube.statistics.sk/>]: “Data on population change obtained from monthly statistical processing were processed by period (month) of delivery of statistical reports OBYV 1-5/12 from reporting units to the Statistical Office of the SR. Due to possible shifts in the reporting obligation by the reporting units (registry offices, residence registration offices, district courts), the date (period) of the statistical processing may not be the same as the date of the demographic event. This is why monthly and quarterly data on the number of population, population change and increases, which are processed and published as part of the monthly statistical processing, are the preliminary data, and so are the relative data calculated from them.”

- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2015 data are final. Data for 2016–2022 are considered preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by RefCode)

Data series from 2000 to 2015 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In the STFF data files, these data have RefCode “HFD”. For primary source, see the HFD country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**SVK01.** Statistical Office of the Slovak Republic. DATAcube. Population Change - SR-Area-Reg-District, U-R (monthly) [om7104mr]. Downloaded from [http://datacube.statistics.sk/#!/view/en/VBD\\_DEM/om7104mr/v\\_om7104mr\\_00\\_00\\_00\\_en](http://datacube.statistics.sk/#!/view/en/VBD_DEM/om7104mr/v_om7104mr_00_00_00_en) (First accessed on 21.10.2022; last accessed on 21.10.2022)

## 35. SLOVENIA (SVN)

Last update: 09.09.2022

### 1. Coverage

The data on births include all live births to residents of Slovenia, including births that are registered abroad if a mother or a father is included in the resident population of Slovenia. Births to non-residents are not included in national birth statistics.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: July 2022.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 07.09.2022

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by RefCode)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**SVN01.** Statistical Office of the Republic of Slovenia. Live births by day of birth, Slovenia, monthly. Live birth by month and day of the month. Downloaded from: <https://pxweb.stat.si/SiStatData/pxweb/en/Data/-/05J1031S.px/table/tableViewLayout2/>. (First accessed on 19.01.2021, last accessed on 09.09.2022).

## 36. SPAIN (ESP)

Last update: 15.09.2022

### 1. Coverage

This monthly birth series includes all live births occurred to all mothers who give birth in Spain.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: July 2022.

2.3 Frequency of updates by data provider: annually (final data); every 6 months (provisional data)

2.4 Last updated by data provider: 14.09.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2020 data are final. 2021 and 2022 data are preliminary and may be incomplete due to late registration or data processing, and are therefore subject to change. 2021 estimations should be considered with caution as the model could have underestimated or overestimated the figures. More information on the *Monthly Estimates of Births* can be found on the *Technical Project* report published by INE (INE, 2021).

### 4. Data References (sorted by RefCode)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**ESP01.** National Statistics Institute, INE: Estimación Mensual de Nacimientos. Downloaded from [https://www.ine.es/en/experimental/nacimientos/experimental\\_nacimientos.htm](https://www.ine.es/en/experimental/nacimientos/experimental_nacimientos.htm). (First accessed on 10.03.2021, last accessed on 15.09.2022).

### 5. Other References

National Statistics Institute, INE: Birth Statistics. Vital statistics. Methodology. Accessed at: [https://ine.es/dyngs/INEbase/en/operacion.htm?c=Estadistica\\_C&cid=1254736177007&menu=metodologia&idp=1254735573002](https://ine.es/dyngs/INEbase/en/operacion.htm?c=Estadistica_C&cid=1254736177007&menu=metodologia&idp=1254735573002) (21.01.2021).

National Statistics Institute, INE (2021): Estimación Mensual de Nacimientos: Proyecto técnico. Downloaded from [https://www.ine.es/experimental/nacimientos/experimental\\_emn\\_proyecto.pdf](https://www.ine.es/experimental/nacimientos/experimental_emn_proyecto.pdf) (10.03.2021)

## 37. SWEDEN (SWE)

Last update: 09.09.2022

### 1. Coverage

This monthly birth series includes all live births which occurred to population registered in the Population Register. Children born in Sweden are entered in the population register when the mother is registered as Swedish resident or in case the father resides in Sweden, if he is the guardian of the child (SCB, 2017). Birth statistics are based on data on registered persons that the Swedish Tax Agency supplies to Statistics Sweden.

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: July 2022.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 08.09.2022.

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Data References (sorted by *RefCode*)

Data series from 2000 to 2021 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**SWE01.** Statistics Sweden, SCB: Population statistics by region and sex. Month 2000M01-2021MXX. Downloaded from [https://www.statistikdatabasen.scb.se/pxweb/en/ssd/START\\_BE\\_BE0101\\_BE0101G/ManadBefStatRegion/](https://www.statistikdatabasen.scb.se/pxweb/en/ssd/START_BE_BE0101_BE0101G/ManadBefStatRegion/). (First accessed on 05.03.2021, last accessed on 09.09.2022).

### 5. Other References

Statistics Sweden, SCB (2017): Description of the register. Downloaded from <https://www.scb.se/contentassets/8f66bcf5abc34d0b98afa4fcbfc0e060/rtb-bar-2016-eng.pdf> (21.01.2021).

## 38. SWITZERLAND (CHE)

Last update: 09.09.2022

### 1. Coverage

This monthly birth series includes all live births which occurred to the resident population, including births of both Swiss and foreign nationals with official residence permit for at least 12 months. Births occurring in Switzerland to women with their residency abroad are not included. Births that occurred abroad to women with Swiss nationality and domiciled in Switzerland are included. Births outside Switzerland to foreign national women domiciled in Zurich, Berne and the canton of Basle-City are included. From 2001 on, the residence status of the mother has been registered and births to women belonging to the non-permanent population (e.g., asylum-seekers) were excluded from the official statistics. From 2010 onwards, births to asylum seekers with a total length of stay of at least 12 months were included again.

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: June 2022.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 22.08.2022.

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes

The Swiss Federal Statistical Office also publishes preliminary data on births by month. However, these data suffer from serious limitations caused by delayed registration of births, which is especially significant in cantons with large shares of foreign population. Preliminary data on monthly births are therefore not included in the STFF series. According to the information received from the Statistics Switzerland via email communication, an average lag between the occurrence of a birth and its registration is 19 days, but it significantly varies by country of birth and nationality of the newborn (10 days for Swiss births occurring in Switzerland, 39 days for Swiss births occurring abroad, 245 days for foreign births in Switzerland, and 430 days for foreign births occurring abroad). Births of delayed registration are not retrospectively added to the provisional monthly birth count statistics. They are added only to the final data.

### 5. Data References (sorted by RefCode)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**CHE01.** Federal Statistical Office, BFS: Lebendgeburten nach Monat, 1970-2021. Downloaded from <https://www.bfs.admin.ch/bfs/de/home/statistiken/kataloge-datenbanken/tabellen.assetdetail.22804099.html> (24.06.2022).

**CHE02.** Federal Statistical Office, BFS: Lebendgeburten nach Kanton, provisorische Monatsdaten 2022. Downloaded from <https://www.bfs.admin.ch/bfs/de/home/statistiken/bevoelkerung/geburten-todesfaelle/geburten.assetdetail.23226318.html> (09.09.2022).

## 39. TAIWAN (TWN)

Last update: 16.09.2022

### 1. Coverage

This monthly births series includes all live births occurred to Taiwanese nationals living in the Taiwan area and the Fukien Province. The Department of Household Registration of Ministry of the Interior (MOI) is the responsible through the Population Registry Section to register these events. The number of monthly live births is gathered by year and month of registration.

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: June 2022.
- 2.3 Frequency of updates by data provider: quarterly.
- 2.4 Last updated by data provider: August 2022.

### 3. Original data on births

- 3.1 Date: date of registration.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2019 data are final. 2020 and 2021 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes

Area code 2 indicates that the data cover the “Taiwan-Fukien area” (for more detail, see the HFD Background and Documentation file for Taiwan).

### 5. Data References (sorted by *RefCode*)

Data series from 2000 to 2019 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**TWN01.** Dept. of Household Registration Affairs, MOI. Monthly Bulletin of Interior Statistics: Table 1.2 Number and Rates of Birth, Death, Marriage and Divorce. Downloaded from: <https://www.moi.gov.tw/english/cl.aspx?n=7665>. (First accessed on 22.01.2021, last accessed on 31.03.2022).

**TWN02.** Dept. of Household Registration Affairs, Ministry of the Interior. Population Data Quarterly publication - Demographic Quarterly Table 3. <https://www.ris.gov.tw/app/en/3912> (First accessed on 16.09.2022, last accessed on 16.09.2022).

### 6. Other References

Human Fertility Database. Taiwan: Background and Documentation. Accessed at: <https://www.humanfertility.org/Docs/TWN/TWNcom.pdf> (22.01.2021)



## 40. UK: ENGLAND AND WALES (GBRTENW)

Last update: 04.04.2022

### 1. Coverage

This monthly birth series includes all live births occurred (and registered) in the territory of England and Wales. This means that births occurred to women who are not usual residents are also included, regardless of their nationality. Births occurring abroad are not included (ONS, 2020).

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: December 2021.
- 2.3 Frequency of updates by data provider: unknown.
- 2.4 Last updated by data provider: 22.03.2022.

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2020 data are final. 2021 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes

- 2000-2018 data is based on the civil registration records. As live births and stillbirths are legally required to get registered in this system, these data represent the most complete data source available (ONS, 2020).
- 2021 data are based on the National Health System (NHS) birth notification data. According to the ONS, though the two data sources (civil registration and NSH) are not directly comparable, when NHS birth notification data are compared with birth registration data, they find just small differences and they consider these provisional data to be of sufficient quality (ONS, 2020).

### 5. Data References (sorted by RefCode)

Data series from 2000 to 2018 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**GBRTENW01.** Office for National Statistics, ONS. Provisional births in England and Wales. Downloaded from:

<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/livebirths/data-sets/provisionalbirthsinenglandandwales> (First accessed on 11.12.2020, last accessed on 31.03.2022).

### 6. Other References

Office for National Statistics, ONS. User guide to birth statistics. Office for National Statistics. Access: <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/livebirths/methodologies/userguidetobirthstatistics> (11.12.2020).

## 41. UK: SCOTLAND (GBR\_SCO)

Last update: 09.09.2022

### 1. Coverage

Births recorded for Scotland are those occurring (and then registered) in Scotland. This means that births that occurred in Scotland to residents of other countries are also included in the vital statistics, while births occurring to residents of Scotland abroad are not included (NRS, 2021).

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: July 2022.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 18.08.2022.

### 3. Original data on births

- 3.1 Date: date of occurrence.
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes

National Records of Scotland (NRS) normally publishes data on vital events by date of their registration. However, the 2020 data on monthly births were hardly useable because of the postponement of birth registrations when the registration offices were closed due to the pandemic situation. The postponement caused a strong deviation from the usual and expected trend in monthly births. Therefore, in July 2021, the NRS released an additional table, providing monthly births by date of occurrence rather than by date of registration.

### 5. Data References (sorted by *RefCode*)

**GBR\_SCO01.** National Records of Scotland (NRS). Table 6: Births in Scotland by month of occurrence, 1990 – 2021. Downloaded from <https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/general-publications/weekly-and-monthly-data-on-births-and-deaths/monthly-data-on-births-and-deaths-registered-in-scotland> on (First accessed on 29.07.2021; last accessed on 09.09.2022).

### 6. Other References

National Records of Scotland, NRS. Vital Events - General Background Information. Access: <https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/general-background-information> (29.07.2021).

## 42. UKRAINE (UKR)

Last update: 16.06.2022

### 1. Coverage

This monthly birth series includes all live births which occurred in Ukraine and were registered in the public civil registration system (see also the additional notes on the territorial coverage of data below). The registration applies to all births that occurred in the administrative-territorial units of the country. Births are registered, no later than a month after the child is born, on the basis of medical birth certificates issued at the place of residence of one of the parents.

### 2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: January 2022.
- 2.3 Frequency of updates by data provider: unknown.
- 2.4 Last updated by data provider: 21.03.2022.

### 3. Original data on births

- 3.1 Date: date of registration (see additional notes).
- 3.2 Time unit: monthly births.
- 3.3 Data restrictions and modifications: none.
- 3.4 Status: 2000–2021 data are final. 2022 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes

- Since the mid-1990s, the State Statistics Committee of Ukraine publishes data according to the year of registration instead of the year of occurrence (HFD, 2020). This means that monthly data include all births that were registered in that month, regardless of the date when the event occurred. The HFD assumes for such cases that the year of occurrence is the same as the year of registration (see the HFD Background and Documentation file for Ukraine).
- Territorial coverage: from 2014 onwards, the data series does not include live births on the territories of the Autonomous Republic of Crimea, the city of Sevastopol and part of Donetsk and Luhansk regions which are not controlled by the Ukrainian government (State Statistics Service of Ukraine, 2019).

### 5. Data References (sorted by *RefCode*)

Data series from 2000 to 2013 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**UKR01.** State Statistics Service of Ukraine (Ukrstat). Live births by month, 2014-2020. Received by email from Svitlana Aksyonova (Ptoukha Institute for Demography and Social Studies) on 13.01.2022. Original data source: State Statistics Service of Ukraine: <http://www.ukrstat.gov.ua/>

**UKR02.** State Statistics Service of Ukraine (Ukrstat). 2022. Statistical Yearbook: Natural Movement of the Population of Ukraine in 2021. Table: 2. Number of births, deaths and marriages by month of

registration [in Ukrainian].

[http://www.ukrstat.gov.ua/druk/publicat/kat\\_u/2022/zb/06/zb\\_prn\\_2021.pdf](http://www.ukrstat.gov.ua/druk/publicat/kat_u/2022/zb/06/zb_prn_2021.pdf)

**UKR03:** State Statistics Service of Ukraine (Ukrstat). Statistical Information/ Demographic and social statistics/ Population and migration/ Number of live births, deaths, by region, Archives 2022. Table: Number of live births, deaths in January 2022, by region. Downloaded from <http://www.ukrstat.gov.ua/> (16.06.2022)

## 6. Other References

Human Fertility Database. Ukraine: Background and Documentation. Accessed at: <https://www.humanfertility.org/Docs/UKR/UKRcom.pdf> (12.12.2020).

State Statistics Service of Ukraine (2019): Population of Ukraine, 2018. Demographic Yearbook. Kyiv: State Statistics Service of Ukraine. Accessed at: [https://ukrstat.org/en/druk/publicat/kat\\_u/2019/zb/12/zb\\_ukr\\_2018.pdf](https://ukrstat.org/en/druk/publicat/kat_u/2019/zb/12/zb_ukr_2018.pdf) (26.01.2021).

## 43. UNITED STATES OF AMERICA (USA)

Last update: 15.09.2022

### 1. Coverage

This monthly birth series includes births derived from birth certificates, including all births occurred in the United States territory (the aggregate of the 50 states (including New York City) and the District of Columbia).

This birth data series includes births occurring within the US to US residents, regardless of their citizenship. Births to non-residents that occurred within the US are not included. Births to US citizens that occurred outside the country are also not included.

### 2. Time coverage

2.1 First month: January 2000.

2.2 Last month: March 2022.

2.3 Frequency of updates by data provider: yearly (final data); unknown (provisional data).

2.4 Last updated by data provider: 20.07.2022.

### 3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2020 data are final. 2021 and 2022 data are preliminary, based on 99.87% of births (CDC, 2021), and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing.

### 4. Additional notes

The US birth registration system includes besides the 50 states, the District of Columbia, the independent registration area of New York City, and Puerto Rico, the US Virgin Islands, Guam, American Samoa and the Commonwealth of the Northern Mariana Islands. The births covered by the Human Fertility Database are the births tabulated in the Natality public use files of the CDC, meaning they include births registered in the aggregate of the 50 states (including New York City) and the District of Columbia. Births occurring in Puerto Rico, US Virgin Islands, Guam, American Samoa and Northern Marianas are not included in this series (CDC, 2020).

### 5. Data References (sorted by *RefCode*)

Data series from 2000 to 2020 were obtained directly from the *Births by month* file of the Human Fertility Database, included in the Input Data section of the HFD. In STFF data files, these data have RefCode "HFD". For primary source, see the country documentation file at [www.humanfertility.org/](http://www.humanfertility.org/).

**USA01.** NCHS. State and National Provisional Counts. Monthly and 12 month-ending number of live births, deaths and infant deaths: United States. Accessed at: <https://www.cdc.gov/nchs/nvss/vsrr/provisional-tables.htm> (First accessed on 14.09.2021; last accessed on 09.09.2022).

### 5. Other References

Centers for Disease Control and Prevention, CDC (2020): User Guide to the 2019 Natality Public Use File. The Birth Registration Area chapter. Accessed at:

[https://ftp.cdc.gov/pub/health\\_statistics/nchs/dataset\\_documentation/DVS/natality/UserGuide2019-508.pdf](https://ftp.cdc.gov/pub/health_statistics/nchs/dataset_documentation/DVS/natality/UserGuide2019-508.pdf) (03.02.2021)