

The Human Fertility Database

SHORT-TERM FERTILITY FLUCTUATIONS data series (STFF)

Metadata

Last update: 15.11.2024

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1. AUSTRALIA (AUS)

Last update: 23.10.2024

1. Coverage

This monthly birth series includes live births that occurred in Australia. Births are registered with Registries of Births, Deaths and Marriages in each state and territory and are periodically reported to the ABS (ABS 2024). Births to non-residents, such as overseas visitors, are also included in the ABS data but these births constitute negligible numbers. Births to usual residents that occurred outside Australia are excluded (Wilson 2017).

2. Time coverage

2.1 First month: January 2000.

2.2 Last month: October 2023.

2.3 Frequency of updates by data provider: annual.

2.4 Last updated by data provider: 16.10.2024.

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: 2000–2023 data are not final because the births occurrence data are annually updated by the ABS after receiving new data from the state and territory registries (see also the notes below).

4. Additional notes

The ABS statistics on live births by date of registration are final and are not updated, whereas live births by date of occurrence are annually updated with new data delivered from the state and territory registries.

“There is usually an interval between the occurrence and the registration of a birth (referred to as a registration 'lag'). As a result of this lag, some births occurring in one year are not registered until the following year or later causing data reported by occurrence to be incomplete. This can be caused by either a delay by the parent(s) in submitting a completed form to the registry, or a delay by the registry in processing the birth. Births which occur in November and December are more likely to be registered in the following year. Therefore, data presented on an occurrence basis, particularly for the latest reference year, should be interpreted with this context” (ABS 2024).

4. Data References (sorted by RefCode)

AUS01. ABS. Births, Australia. Data Explorer datasets: Births, by year and month of occurrence, by state of usual residence. <https://www.abs.gov.au/statistics/people/population/births-australia> (First accessed on 17.04.2024; last accessed on 23.10.2024).

5. Other references

ABS. 2023. Births, Australia methodology. Available at <https://www.abs.gov.au/methodologies/births-australia-methodology/2022> (released on 18.10.2024; accessed on 17.04.2024).

Wilson, Tom. 2017. Comparing alternative statistics on recent fertility trends in Australia. *J Pop Research* 34, 119–133 (2017). <https://doi.org/10.1007/s12546-016-9176-x>

2. AUSTRIA (AUT)

Last update: 01.10.2024

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 have been included.

2. Time coverage

2.1 First month: January 2000.

2.2 Last month: June 2024.

2.3 Frequency of updates by data provider: quarterly.

2.4 Last updated by data provider: 27.08.2024.

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: 2000–2023 data are final. Data for 2024 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/.

AUT01. Statistik Austria: Demographische Merkmale von Geborenen. Weiterführenden Daten: Geborene, 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 26.09.2024)

3. BELGIUM (BEL)

Last update: 23.10.2024

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: August 2024.

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: daily births (2000–2018); monthly births (2019–2024).

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2023 data are final. Data for 2024 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 2022 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/.

BELO1. STATBEL: Births and fertility 2020-2023/05 (provisional figures). Downloaded from <https://statbel.fgov.be/en/themes/population/births-and-fertility#figures> (First accessed on 10.06.2022; last accessed on 23.10.2024).

4. BULGARIA (BRG)

Last update: 01.10.2024

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 31st 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 2023.

2.3 Frequency of updates by data provider: annual.

2.4 Last updated by data provider: 29.04.2024.

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: 2000–2023 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/.

BRG01. 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 (First accessed on 10.03.2021; last accessed on 01.10.2024)

5. CANADA (CAN)

Last update: 01.10.2024

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 2023.

2.3 Frequency of updates by data provider: annual.

2.4 Last updated by data provider: 25.09.2024.

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 2000–2021 are final. Data for 2022–2023 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. Statistics Canada revised births data for 2020 and 2021 on 26.09.2023. Since the STFF includes the revised monthly births, data on monthly births in the STFF and in the HFD slightly differ. However, the revised births data will be incorporated in the HFD soon too.
- 2017 to 2022 data for Yukon are not available.
- As a result of delays with birth registrations, fewer births have been captured, to date, for Manitoba in 2022. There were also fewer births captured for Nova Scotia in 2021 due to coverage issues.

See Statistics Canada (2021a) for more details.

5. Data References (sorted by RefCode)

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 01.10.2024).

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 (2022). Live births, by month. <https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1310041501> (25.11.2022).

6. CANADA: QUEBEC (CAN_QUE)

Last update: 23.10.2024

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: July 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 03.10.2024.

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 2010–2022 are final. Data for 2023–2024 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

Provisional birth numbers are updated monthly and rounded to the nearest 50. Due to rounding, the total may not correspond to the sum of monthly estimates. Annual totals may differ from those presented in other tables (Institut de la statistique du Québec 2004).

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 23.10.2024).

6. Other references

Institut de la statistique du Québec (2024). Births, deaths and marriages by month and quarter, Québec, 1995-2024. Notes. Accessed on 23.10.2024.

7. CHILE (CHL)

Last update: 01.10.2024

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: June 2023.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: July 2024.

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 and 2023 data are preliminary. All preliminary data may be incomplete due to late registration or data processing. (Preliminary data on monthly births available for later months in 2023 and for 2024 are not added to the STFF time series due to high underregistration).

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/.

CHL01. INE. Estadísticas vitales: Cuadros estadísticos/ 2021. Anuario de estadísticas vitales 2021.xlsx.

1.2.2.1-03: Nacidos vivos, por mes de ocurrencia, según área y lugar de residencia habitual de la madre (región y provincia), 2021. <https://www.ine.gob.cl/estadisticas/sociales/demografia-y-vitales/nacimientos-matrimonios-y-defunciones> (accessed on 17.04.2024).

CHL02. INE. Estadísticas vitales: Cuadros estadísticos/ 2022. Estadísticas vitales cifras provisionales 2022.xlsx. Cuadro 4: Número y distribución porcentual mensual de nacimientos, según sexo. <https://www.ine.gob.cl/estadisticas/sociales/demografia-y-vitales/nacimientos-matrimonios-y-defunciones> (accessed on 17.04.2024).

CHL03. INE. Estadísticas vitales: Cuadros estadísticos/ 2023. Estadísticas vitales cifras provisionales 2022.xlsx. Cuadro 4: Número y distribución porcentual mensual de nacimientos, según sexo. <https://www.ine.gob.cl/estadisticas/sociales/demografia-y-vitales/nacimientos-matrimonios-y-defunciones> (accessed on 17.04.2024).

6. Other references

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)

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

8. CROATIA (HRV)

Last update: 03.04.2024

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: August 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 30.09.2024.

3. Original data on births

3.1 Date: Final data are by date of occurrence. Preliminary (provisional) data (RefCode HRV01) 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: 2000–2022 data are final. Data for 2023 and 2024 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 (2021 data will be added soon). In STFF data files, these data have RefCode “HFD”. For primary source, see the country documentation file at www.humanfertility.org/.

HRV01. 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 03.04.2024).

HRV02. Croatian Bureau of Statistics. Statistical Reports (of respective years of publication). Accessible at <https://podaci.dzs.hr/en/statistics/population/>

9. CZECHIA (CZE)

Last update: 01.10.2024

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 2024.
- 2.3 Frequency of updates by data provider: quarterly.
- 2.4 Last updated by data provider: 27.09.2024.

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: 2000–2023 data are final. 2024 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/.

CZE01. Czech Statistical Office. Population, monthly time series. Table 1 Vital Statistics of the Czech Republic: 1992–2024, absolute monthly figures. Downloaded from https://www.czso.cz/csu/czso/oby_ts (First accessed on 29.01.2021, last accessed on 01.10.2024).

10. DENMARK (DNK)

Last update: 23.10.2024

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 2024.
- 2.3 Frequency of updates by data provider: quarterly.
- 2.4 Last updated by data provider: 12.08.2024.

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: 2000–2023 data are final. 2024 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 2023 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/.

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 23.10.2024).

5. Other References

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

11. ESTONIA (EST)

Last update: 23.10.2024

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: September 2024.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 18.10.2024.

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: 2000–2023 data are final. 2024 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/.

EST01. Statistics Estonia: Dataset RV10, Live births by month of birth. Downloaded from https://andmed.stat.ee/en/stat/rahvastik_rahvastikusundmused_sunnid/RV10 (Population, Vital Events, Births) (First accessed on 11.06.2021, last accessed on 23.10.2024).

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 (Population, Vital Events, Births) (First accessed on 20.01.2021; last accessed on 23.10.2024).

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).

12. FINLAND (FIN)

Last update: 23.10.2024

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 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 24.09.2024.

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: 2000–2023 data are final. 2024 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 2023 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/.

FIN01. Statistics Finland: Vital statistics by month. Downloaded from https://pxdata.stat.fi/PxWeb/pxweb/en/StatFin/StatFin_vamuu/statfin_vamuu_pxt_11ll.px/ (First accessed on 20.09.2022; last accessed on 23.10.2024).

13. FRANCE (FRATNP)

Last update: 07.11.2024

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: August 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 28.09.2024.

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: 2000–2022 data are final. 2023 and 2024 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 2022 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/.

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 01.10.2024).

14. GERMANY (DEUTNP)

Last update: 24.10.2024

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: July 2024.

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: none.

3.4 Status: 2000–2023 data are final. 2024 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/.

DEUTNP01. 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 24.10.2024).

15. GREECE (GRC)

Last update: 24.10.2024

1. Coverage

This monthly birth series includes all live births occurred in Greece. Both births born to resident and non-resident parents are included in the national vital statistics (Eurostat, 2015).

2. Time coverage

- 2.1 First month: January 2000.
- 2.2 Last month: September 2023.
- 2.3 Frequency of updates by data provider: unknown.
- 2.4 Last updated by data provider: 03.09.2024.

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: 2000–2022 data are final. 2023 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*)

GRC01. Eurostat. Live births (total) by month [DEMO_FMONTH__custom_3981018]. Downloaded from https://ec.europa.eu/eurostat/databrowser/view/DEMO_FMONTH__custom_3981018/default/table (First accessed on 28.11.2022; last accessed on 24.10.2024).

5. Other References

Eurostat (2015). Demographic statistics: A review of definitions and methods of collection in 44 European countries. Eurostat manuals and guidelines. Luxembourg: Publications Office of the European Union. Available at: <https://ec.europa.eu/eurostat/documents/3859598/6851536/KS-GQ-15-002-EN-N/7d6ba1c1-fa04-464b-89ff-ec8796b2db5d>

16. GREENLAND (GRL)

Last update: 24.10.2024

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 2024.

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

2.4 Last updated by data provider: 07.08.2024.

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: 2000–2023 data are final. 2024 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 1973-2023 [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 24.10.2024).

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/ (First accessed on 11.02.2021; last accessed on 24.10.2024).

5. Other References

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

17. HUNGARY (HUN)

Last update: 02.10.2024

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: August 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 27.09.2024.

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: 2000–2023 data are final. Data for 2024 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/.

HUN01 Hungarian Central Statistical Office: Main indicator of vital events (monthly data). Downloaded from: https://www.ksh.hu/stadat_files/nep/en/nep0064.html (First accessed on 12.05.2021; last accessed on 02.10.2024).

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 (12.01.2021).

18. ICELAND (ISL)

Last update: 24.10.2024

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 2023.

2.3 Frequency of updates by data provider: annual.

2.4 Last updated by data provider: 17.07.2024.

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: 1973–2023 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/.

ISL01. Statistics Iceland: Births by months. Downloaded last from https://px.hagstofa.is/pxen/pxweb/en/Ibuar/Ibuar_Faeddirdanir_faeddir_faedingar/MAN05302.px (First accessed on 10.04.2021; last accessed on 24.10.2024)

19. IRELAND (IRL)

Last update: 07.11.2024

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 2000.

2.2 Last month: August 2024.

2.3 Frequency of updates by data provider: unknown.

2.4 Last updated by data provider: 06.11.2024.

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. 2022–2024 data are preliminary and can be subject to change (for further details, see the note below).

4. Additional notes

Monthly births for 2022–2024 come from the civil registers. 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. Central Statistics Office. VSA19: Births by sex of child, date of occurrence, month of occurrence, year. Downloadable from <https://data.cso.ie/table/VSA19> (first accessed on 27.03.2023; last accessed on 11.04.2024).

IRL02. General Register Office. Data delivered by email (last received 06.11.2024).

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).

20. ISRAEL (ISR)

Last update: 12.11.2024

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: August 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 14.10.2024.

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: 2000–2023 data are final. 2024 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/.

ISR01. 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 19.01.2021; last accessed on 12.11.2024).

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 (25.01.2021).

21. ITALY (ITA)

Last update: 07.112.2024

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 2024.

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: 2000–2022 data are final. 2023–2024 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 2022 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/.

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 01.10.2024).

6. Other References

Human Fertility Database. Italy: Background and Documentation. Accessed at: <https://www.humanfertility.org/Docs/ITA/ITACom.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).

22. JAPAN (JPN)

Last update: 29.10.2024

3. 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 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). Only data on births of delayed registration are regularly added to the HFD and are subsequently included in the STFF data series.

2. Time coverage

2.1 First month: January 2000.

2.2 Last month: May 2024.

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: 2000–2023 data are final. 2024 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 2022 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/.

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 29.10.2024).

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).

23. LATVIA (LVA)

Last update: 29.10.2024

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: August 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 14.10.2024.

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: 2000–2023 data are final. 2024 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/.

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/ (First accessed on 22.01.2021; last accessed on 29.10.2024).

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).

24. LITHUANIA (LTU)

Last update: 29.10.2024

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: July 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 10.10.2024.

3. Original data on births

3.1 Date: date of occurrence.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: data for 2012-2020 were revised based on the population census of 2021.

3.4 Status: 2000–2023 data are final. 2024 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 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/.

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 29.10.2024).

LTU02. Statistics Lithuania. Live births by month of occurrence, January-July 2024. Delivered by Statistics Lithuania in an electronic format on 23.10.2024.

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).

25. LUXEMBOURG (LUX)

Last update: 29.10.2024

1. Coverage

Data cover the resident population of Luxembourg.

2. Time coverage

2.1 First month: January 2000

2.2 Last month: December 2023

2.3 Frequency of updates by data provider: annual

2.4 Last updated by data provider: 18.04.2024

3. Original data on births

3.1 Date: month of occurrence

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: Data for 2000–2023 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). (First accessed on 15.09.2022; last accessed on 29.10.2024).

26. NETHERLANDS (NLD)

Last update: 29.10.2024

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: August 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 30.09.2024.

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: 2000–2023 data are final. 2024 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/.

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. (First accessed on 08.09.2020; last accessed on 29.10.2024).

27. NEW ZEALAND (NZL)

Last update: 29.10.2024

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 2023.

2.3 Frequency of updates by data provider: quarterly.

2.4 Last updated by data provider: 19.08.2024.

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 2000-2023 are final.

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 (First accessed on 19.02.2021; last accessed on 29.10.2024).

28. NORWAY (NOR)

Last update: 04.04.2024

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 2023.

2.3 Frequency of updates by data provider: annually.

2.4 Last updated by data provider: 13.03.2024.

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: 2000–2023 data are final.

4. Data References (sorted by *RefCode*)

Data series from 2000 to 2022 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/.

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 04.04.2024).

29. POLAND (POL)

Last update: 07.11.2024

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 2023

2.3 Frequency of updates by data provider: annual

2.4 Last updated by data provider: 06.03.2024

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: 2000–2023 data are final.

4. Data References (sorted by RefCode)

Data series from 2000 to 2022 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/.

POL01. Statistics Poland. Demographic Database. Table 6: Births by month and day of the week. <https://demografia.stat.gov.pl/BazaDemografia/Tables.aspx> (Baza Demografia, Wyniki badań bieżących, II. RUCH NATURALNY LUDNOŚCI, Urodzenia, 2023, [6 - Urodzenia według miesiący i dni tygodnia](#), [Ogólnopolskie](#), sheet “Żywe – ogółem”) (first accessed on 15.09.2022; last accessed 07.11.2024).

30. PORTUGAL (PRT)

Last update: 29.10.2024

1. Coverage

This data series includes live births occurred in the Portuguese territory to Portuguese residents. 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: August 2024.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 18.10.2024.

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: 2000–2023 data are final. 2024 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 2022 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/.

PRT01. Live births (No.) by Place of residence of mother (NUTS - 2013), Sex and Month of birth; Annual 2019–2022. [STFF dataset includes only births to Portuguese residents]. Data downloaded from:

https://www.ine.pt/xportal/xmain?xpid=INE&xpgid=ine_indicadores&indOcorrCod=0008086&xlang=en&contexto=bd&selTab=tab2 (First accessed on 12.01.2021, last accessed on 29.10.2024).

PRT02. Statistics Portugal: Live births (No.) by Place of residence of mother (NUTS - 2013) and Sex; Monthly. 2023. [STFF dataset includes only births to Portuguese residents]. Data downloaded from:

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 29.10.2024).

31. REPUBLIC OF KOREA (KOR)

Last update: 29.10.2024

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: August 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 23.10.2024.

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: 2000–2023 data are final. 2024 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/.

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. (First accessed on 18.01.2021; last accessed on 29.10.2024).

32. ROMANIA (ROU)

Last update: 29.10.2024

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 31st 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: August 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 10.10.2024.

3. Original data on births

3.1 Date: 2000–2023: date of occurrence; 2024: date of registration.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2022 data are final (by date of occurrence). 2023 data are semi-final (by month of occurrence), whereas 2024 data are provisional (by month of registration). Both 2023 and 2024 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 (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 29.10.2024).

33. RUSSIA (RUS)

Last update: 29.10.2024

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: August 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 11.10.2024.

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. 2021–2024 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

- The definition of live birth used in the Russian Federation deviates from the conventional practices and WHO recommendations. Since 2012, it has become closer to the WHO recommendations, but some differences remain and may be leading to an underestimation of the birth figures (HFD, 2020).
- Vital statistics for the Russian Federation until 2002 do not cover the territory of the Chechen Republic. (Area code 12 in the data file indicates that vital statistics do not cover the Chechen Republic).
- Since 2015, the official population statistics produced by the Rosstat include the Republic of Crimea and the city of Sevastopol. These territories are not covered in the HFD (see the HFD Background and Documentation for Russia) or STFF data series for Russia. Unfortunately, for the years after 2020, we have not been able to obtain data on births by month of occurrence by subnational region, which previously allowed us to maintain consistency in the territorial coverage of STFF data. For the time being, STFF data for Russia continue to be updated with births by month of registration, which are preliminary in nature. Figure 1 below illustrates discrepancies between data on live births by month of registration and live births by month of occurrence for 2021–2022 for Russia.

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/.

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). Natural population change. Downloaded from <https://rosstat.gov.ru/folder/12781> (First accessed on 20.07.2021, last accessed on 27.03.2023).

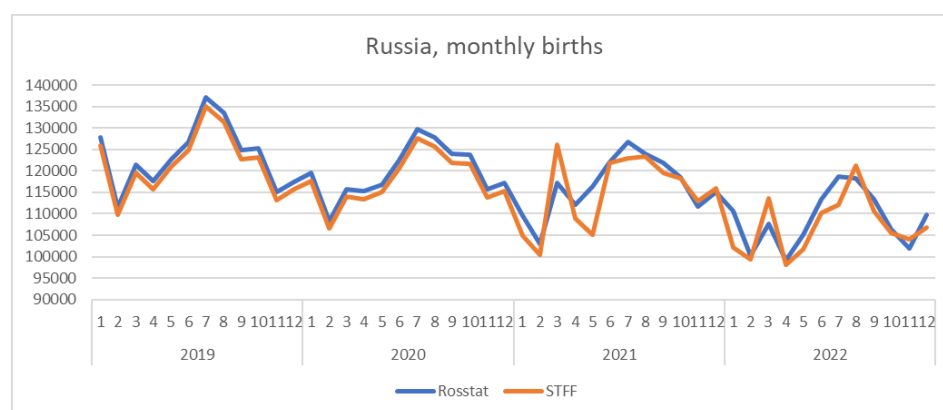
RUS03. Federal State Statistics Service (Rosstat). Natural population change. Downloaded from https://rosstat.gov.ru/storage/mediabank/EDN_08-2024.htm (29.10.2024).

6. Other references

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

Rosstat. 2023. The Demographic Yearbook of Russia 2023. Table 2.3 Live births by month of birth. Page 43. https://rosstat.gov.ru/storage/mediabank/Demogr_ejegod_2023.pdf

Figure 1 Live births by month of registration (STFF data for 2021-2022) vs. live births by month of occurrence (STFF data for 2019-2020 and Rosstat data for 2021-2022)



Note: STFF data do not cover the Republic of Crimea and the city of Sevastopol.

Data sources: STFF and Rosstat 2023.

34. SERBIA (SBR)

Last update: 29.10.2024

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: September 2024
- 2.3 Frequency of updates by data provider: monthly
- 2.4 Last updated by data provider: 25.10.2024

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: 2000–2023 data are final. 2024 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. Live births by month, by municipality. Downloaded from the online database: <https://data.stat.gov.rs/Home/Result/18030507?languageCode=en-US> (First accessed on 10.03.2022, last accessed on 29.10.2024).

SBR03. Statistical Office of the Republic of Serbia. Live births and deaths. Downloaded from: <https://www.stat.gov.rs/en-us/oblasti/stanovnistvo/rodjeni-i-umrli/> (First accessed on 10.03.2022; last accessed on 29.10.2024).

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).

35. SINGAPORE (SGP)

Last update: 29.10.2024

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: December 2023.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 02.08.2024

3. Original data on births

3.1 Date: 2000–2023 data are by date of occurrence; 2024 data are by date of registration.

3.2 Time unit: monthly births.

3.3 Data restrictions and modifications: none.

3.4 Status: 2000–2023 data are final. 2024 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)

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 29.10.2024).

5. Other References

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

36. SLOVAKIA (SVK)

Last update: 01.10.2024

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 2024.
- 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; 2016–2024 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 (by month of occurrence). Data for 2016–2024 are considered 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)

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/.

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 (values for “Slovak Republic”) (First accessed on 21.10.2022; last accessed on 01.10.2024)

37. SLOVENIA (SVN)

Last update: 29.10.2024

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: August 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 29.10.2024

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: 2000–2023 data are final. 2024 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/.

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 29.10.2024).

38. SPAIN (ESP)

Last update: 29.10.2024

1. Coverage

This monthly birth series includes all live births occurred to all mothers who give birth in Spain (INE, 2021).

2. Time coverage

2.1 First month: January 2000.

2.2 Last month: August 2024.

2.3 Frequency of updates by data provider: annually (final data); monthly (provisional data)

2.4 Last updated by data provider: October 2024.

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: 2000–2022 data are final. 2023 and 2024 data are preliminary and may be incomplete due to late registration or data processing, and are therefore subject to change.

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/.

ESP01. National Statistics Institute, INE: Estimación Mensual de Nacimientos. Downloaded from <https://www.ine.es/jaxiT3/Tabla.htm?t=46678>. (First accessed on 10.03.2021, last accessed on 29.10.2024).

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 (21.01.2021).

39. SWEDEN (SWE)

Last update: 29.10.2024.

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: January 2024

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 08.10.2024.

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: 2000–2023 data are final. 2024 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 2023 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/.

SWE01. Statistics Sweden, SCB: Population statistics by region and sex. Downloaded from https://www.statistikdatabasen.scb.se/pxweb/en/ssd/START_BE_BE0101_BE0101G/ManadBefStatRegion/. (First accessed on 05.03.2021, last accessed on 29.10.2024).

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).

40. SWITZERLAND (CHE)

Last update: 01.10.2023

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: December 2023.

2.3 Frequency of updates by data provider: monthly (preliminary births, not used in STFF), annual (final data, used in STFF).

2.4 Last updated by data provider: 26.09.2024.

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: 2000–2023 data are final. (Please see section 4 below regarding preliminary data).

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 2022 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/.

CHE01. 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](https://www.bfs.admin.ch/bfs/de/home/statistiken/kataloge-datenbanken/tabellen.assetdetail.23226318.html) (First accessed on 09.09.2022; last accessed on 30.11.2022).

CHE02. Federal Statistical Office, BFS: Lebendgeburten nach Monat, 1970-2022. Downloaded from <https://www.bfs.admin.ch/bfs/de/home/statistiken/kataloge-datenbanken/tabellen.assetdetail.25565521.html> (25.08.2023).

CHE03. Federal Statistical Office, BFS: Live births per month and fertility since 1803. Downloaded from <https://www.bfs.admin.ch/bfs/en/home/statistiken/bevoelkerung/stand-entwicklung.assetdetail.32506840.html> (26.09.2024).

41. TAIWAN (TWN)

Last update: 29.10.2024

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: September 2024.
- 2.3 Frequency of updates by data provider: quarterly.
- 2.4 Last updated by data provider: 09.10.2024.

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: 2000–2023 data are final. 2024 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/.

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 29.10.2024).

6. Other References

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

42. UK: ENGLAND AND WALES (GBRTENW)

Last update: 07.11.2024

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 2023.

2.3 Frequency of updates by data provider: annual.

2.4 Last updated by data provider: 28.10.2024.

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: 2000–2023 data are final.

4. Data References (sorted by RefCode)

Data series from 2000 to 2022 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/.

GBRTENW01. Office for National Statistics, ONS. Births in England and Wales: summary tables. Downloaded from: <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/livebirths/data-sets/birthsummarytables> (First accessed on 11.12.2020, last accessed on 24.08.2023)

GBRTENW02. Office for National Statistics, ONS. Births in England and Wales: birth registrations. 2023 edition; Table 12: Live births by date of birth, England and Wales, 1995 to 2023. Downloaded from: <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/livebirths/data-sets/birthsinenglandandwalesbirthregistrations> (First accessed on 29.10.2029)

5. 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).

43. UK: NORTHERN IRELAND (GBR_NIR)

Last update: 07.11.2024

1. Coverage

Births to women who are not usual residents of Northern Ireland are excluded from the birth statistics of Northern Ireland. Births occurring abroad are not included (NISRA, 2022).

2. Time coverage

- 2.1 First month: January 2006.
- 2.2 Last month: July 2024.
- 2.3 Frequency of updates by data provider: monthly.
- 2.4 Last updated by data provider: 11.10.2024.

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: 2006–2022 data are final. 2023–2024 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 Northern Ireland Statistics and Research Agency (NISRA) 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 2022, the NISRA released an additional table, providing monthly births by date of occurrence.

5. Data References (sorted by *RefCode*)

Data series from 2006 to 2022 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/.

GBR_NIR01. Northern Ireland Statistics and Research Agency (NISRA). The number of live births to Northern Ireland residents, registered each month and occurring each month. Downloaded from <https://www.nisra.gov.uk/publications/monthly-births> (First accessed on 05.12.2022; last accessed on 29.10.2024).

6. Other References

NISRA. 2022. Registrar General Northern Ireland Annual Report 2021. Northern Ireland Statistics and Research Agency. Available at: <https://www.nisra.gov.uk/statistics/births-deaths-and-marriages/registrar-general-annual-report>

44. UK: SCOTLAND (GBR_SCO)

Last update: 07.11.2024

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 2024.

2.3 Frequency of updates by data provider: monthly.

2.4 Last updated by data provider: 26.09.2024.

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: 2000–2023 data are final. 2024 data are preliminary and can therefore be subject to change. All preliminary data may be incomplete due to late registration or data processing. (Birth counts for the last published month are usually underreported, therefore they are not included in the STFF).

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)

Data series from 2000 to 2022 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/.

GBR_SCO01. National Records of Scotland (NRS). Table 6: Births in Scotland by month of occurrence. 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 30.10.2024).

GBR_SCO02. National Records of Scotland (NRS). Table 3: Monthly birth occurrences in Scotland by NHS Board area. Downloaded from <https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/general-publications/monthly-births-scotland> (First accessed on 03.04.2024; last accessed on 03.04.2024).

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).

45. UNITED KINGDOM (GBR_NP)

Last update: 30.10.2024

1. Coverage

In the United Kingdom (UK), vital statistics data are collected by three separate statistical agencies for England & Wales, for Scotland, and for Northern Ireland. Therefore, monthly births for the entire United Kingdom (country code GBR_NP) are obtained by summing up data for these three countries. For information on birth data in England & Wales, Scotland, and Northern Ireland, please see the respective metadata sections above.

2. Time coverage

- 2.1 First month: January 2006.
- 2.2 Last month: December 2023.
- 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: none.
- 3.4 Status: 2006–2023 data are final.

3. Data References (sorted by *RefCode*)

GBR_NP01. Data series for the United Kingdom are obtained by summing up monthly births for England & Wales, Scotland, and Northern Ireland. For the data references of data for England & Wales, Scotland, and Northern Ireland, please see the respective country-specific metadata sections above.

46. 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/.

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

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 (26.01.2021).

47. UNITED STATES OF AMERICA (USA)

Last update: 30.10.2024

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 2024.

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

2.4 Last updated by data provider: 03.09.2024

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: 2000–2022 data are final. 2023–2024 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 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 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/.

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 30.10.2024).

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 (30.10.2021)