

## 1. England & Wales, 2. Scotland, 3. Northern Ireland

### 1. England & Wales

#### LIVE BIRTHS

##### **Live births by age of mother**

2012: Office for National Statistics. Excel file Characteristics of Mother 1, [characteristicsofmother1\_tcm77-296094.xls], Tab 3, downloaded from <http://www.ons.gov.uk> on 19.08.2015 (RefCode 7)

1938–2011: Office for National Statistics. Live births by age of mother. Data obtained via email from Julie Jefferies, Demographic Analysis Unit, ONS [no longer working at ONS] on 11.06.2013 (RefCode 1)

##### **Live births by age of mother and birth order**

2016: Office for National Statistics. Data obtained from Fertility team [Fertility@ons.gov.uk], released as User requested data: Live births: number of previous live-born children and age of mother (single years), 2016, England and Wales, Reference number 008790, at: <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/livebirths/adhocs/008790livebirthsnumberofpreviouslivebornchildrenandageofmothersingleyears2008englandandwaleson31.07.2018> (RefCode 23)

2014–2015: Office for National Statistics. Data obtained from Fertility team [Fertility@ons.gov.uk], released as User requested data: Previous live-born children by single year of age of mother, England and Wales, 2014 and 2015 <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/livebirths/adhocs/006846previouslivebornchildrenbysingleyearofageofmotherenglandandwales2014and2015> on 29.03.2017 (RefCode 16)

2013: Office for National Statistics. Data requested from Oliver Dormon [oliver.dormon@ons.gsi.gov.uk], Demographic Analysis Unit, ONS, released as Published ad hoc data and analysis: Population, requests during August 2015 <http://www.ons.gov.uk/ons/about-ons/business-transparency/freedom-of-information/what-can-i-request/published-ad-hoc-data/pop/august-2015/previous-live-born-children-by-single-year-of-age-2012-and-2013.xls> on 24.08.2015 (RefCode 9)

##### **Live births by month**

2016: Office for National Statistics. Excel file Birth characteristics, Table 10: Live births (numbers and rates): month of occurrence, 1992 to 2016, downloaded from <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/livebirths/datasets/birthcharacteristicsinenglandandwales> on 10.08.2018 (RefCode 24)

2014–2015: Office for National Statistics. Excel file User guide to birth statistics, Table 10: Live births (numbers and rates): month of occurrence, 1992 to 2015, downloaded from <https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/livebirths/methodologies/userguidetobirthstatistics> on 21.03.2017 (RefCode 14)

2012–2013: Office for National Statistics. Excel file Characteristics of Birth 2, [characteristicsofbirth2\_tcm77-299180.xls], Table 2b, downloaded from <http://www.ons.gov.uk> on 19.08.2015 (*RefCode 8*)

1938–2011: Office for National Statistics. Data obtained via email from Julie Jefferies, Demographic Analysis Unit, ONS [no longer working at ONS] on 11.06.2013 (*RefCode 1*)

**FEMALE POPULATION: Exposure by age and year of birth**

1938–2016: Female exposure population by calendar year, age, and year of birth (Lexis triangles) is estimated using data on population size and deaths from the Human Mortality Database, which is available at <http://www.mortality.org> or <http://www.humanmortality.de> (*RefCode 20*)

## **2. Scotland**

### **LIVE BIRTHS**

#### **Live births by age of mother**

1945–2012: National Records of Scotland. Births Time Series Data, Table BT.2, downloaded from <https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/births/births-time-series-data> on 29.03.2017 (*RefCode 3*)

#### **Live births by age of mother and birth order**

2016–2017: National Records of Scotland. Data obtained via email from Karen Hawkes [[Karen.Hawkes@nrscotland.gov.uk](mailto:Karen.Hawkes@nrscotland.gov.uk)] on 31.07.2018 (*RefCode 21*)

2015: National Records of Scotland. Data obtained via email from Karen Hawkes [[Karen.Hawkes@nrscotland.gov.uk](mailto:Karen.Hawkes@nrscotland.gov.uk)] on 30.03.2017 (*RefCode 18*)

2013–2014: National Records of Scotland. Data obtained via email from Karen Hawkes [[Karen.Hawkes@nrscotland.gov.uk](mailto:Karen.Hawkes@nrscotland.gov.uk)] on 16.09.2015 (*RefCode 6*)

#### **Live births by month**

2016–2017: National Records of Scotland. Births Time Series Data, Table BT.3, downloaded from <https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/births/births-time-series-data> on 10.08.2018 (*RefCode 22*)

2015: National Records of Scotland. Births Time Series Data, Table BT.3, downloaded from <https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/births/births-time-series-data> on 21.03.2017 (*RefCode 17*)

1954–2014: National Records of Scotland. Births Time Series Data, Table BT.3, downloaded from <https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/births/births-time-series-data> on 23.09.2015 (*RefCode 3*)

### **FEMALE POPULATION: Exposure by age and year of birth**

1945–2016: Female exposure population by calendar year, age, and year of birth (Lexis triangles) is estimated using data on population size and deaths from the Human Mortality Database, which is available at <http://www.mortality.org> or <http://www.humanmortality.de> (*RefCode 20*)

### **3. Northern Ireland**

#### **LIVE BIRTHS**

##### **Live births by age of mother**

1974–1996: Northern Ireland Statistics and Research Agency. Data obtained via email from Demography & Methodology Branch, NISRA on 11.06.2013 (*RefCode 4*)

##### **Live births by age of mother and birth order**

2016: Northern Ireland Statistics and Research Agency. Data obtained via email from Demography & Methodology Branch, NISRA on 27.07.2018 (*RefCode 25*)

2015: Northern Ireland Statistics and Research Agency. Data obtained via email from Demography & Methodology Branch, NISRA on 21.03.2017 (*RefCode 19*)

2012–2014: Northern Ireland Statistics and Research Agency. Data obtained via email from Demography & Methodology Branch, NISRA on 21.08.2015 (*RefCode 10*)

1997–2011: Northern Ireland Statistics and Research Agency. Data obtained via email from Demography & Methodology Branch, NISRA on 11.06.2013 (*RefCode 4*)

##### **Live births by month**

2016: Northern Ireland Statistics and Research Agency. Registrar General Annual Report 2016, Births, Table 3.7a, downloaded from <https://www.nisra.gov.uk/publications/registrar-general-annual-report-2016-births> on 10.08.2018 (*RefCode 26*)

2015: Northern Ireland Statistics and Research Agency. Registrar General Annual Report 2015, Births, Table 3.7a, downloaded from <http://www.nisra.gov.uk/demography/default.asp98.htm> on 21.03.2017 (*RefCode 15*)

2014: Northern Ireland Statistics and Research Agency. Registrar General Annual Report 2014, Births, Table 3.7a, downloaded from <http://www.nisra.gov.uk/demography/default.asp98.htm> on 24.08.2015 (*RefCode 13*)

2013: Northern Ireland Statistics and Research Agency. Registrar General Annual Report 2013, Births, Table 3.7, downloaded from <http://www.nisra.gov.uk/demography/default.asp144.htm> on 24.08.2015 (*RefCode 12*)

2012: Northern Ireland Statistics and Research Agency. Registrar General Annual Report 2012, Births, Table 3.7, downloaded from <http://www.nisra.gov.uk/demography/default.asp144.htm> on 24.08.2015 (*RefCode 11*)

1955–2011: Northern Ireland Statistics and Research Agency. Data obtained via email from Demography & Methodology Branch, NISRA on 11.06.2013 (*RefCode 4*)

#### **FEMALE POPULATION: Exposure by age and year of birth**

1974–2016: Female exposure population by calendar year, age, and year of birth (Lexis triangles) is estimated using data on population size and deaths from the Human Mortality Database, which is available at <http://www.mortality.org> or <http://www.humanmortality.de> (*RefCode 20*)