# Short-term Mortality Fluctuations Data Series: Metadata

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1. Coverage

This data series includes all the deaths occurring to Austrian residents, regardless of their citizenship. Therefore, individuals without the Austrian residency are not included in this data series. Regarding to the deaths occurred to Austrians residents in other countries, although the data series from 2000 to 2018 does include these deaths, the preliminary results from 2019 and 2020 do not contain these counts.

2. Time coverage:

2.1. First day: 03.01.2000 (week 1 2000)
2.2. Last day: 26.04.2020 (week 17 2020)
2.3. Frequency of updates by data provider: every week

3. Original data on deaths

3.1. Death date: date of occurrence.
3.2. Time units: weekly deaths.
3.3. First and last days in week: Monday-Sunday.
3.4. First and last weeks in year: All weeks of the year, including first and last include 7-day. In order to get 7 days weeks, days of the previous years were included in this first week (whenever January 1st was a Tuesday, Wednesday or Thursday) or in the last calendar week (whenever December 31 was Thursday, Friday or Saturday). A detailed description of each week days is provided in the original dataset.
3.5. Age groups: 0-64, 65 and more
3.6. Sex: male, female, unknown
3.7. Data restrictions and modifications: none.
3.8. Delays: Data from 2000 to 2018 are final and results for 2019 and 2020 are provisional. Data of the last three weeks of 2020 are estimated. Data for 2020 is preliminary and can be modified continuously with each new update. Nevertheless, Statistics Austria estimates that the difference between preliminary and final is very small: between 90 and 95% of all deaths notifications is received within two weeks, and the rest are usually received four to five weeks after the death occurred.

4. Output data: aggregated from detailed original age groups

5. Information on the data source and data provider

5.1. Data provider: Statistik Austria
5.2. Original copyright: © 2014 STATISTIK AUSTRIA.
5.3. Contact: Dr. Regina Fuchs, Tel.: +43 (1) 71128 – 7501; Mag. Alexander Wisbauer, Tel.: +43 (1) 71128 – 7202; Email: Demographie@statistik.gv.at; http://www.statistik.at/web_de/kontakt

5.4. Date of last update: May 7, 2020

5.5. Link to the datasets: https://data.statistik.gv.at/web/meta.jsp?dataset=OGD_gest_kalwo_GEST_KALWOCHEN_100.
Accessed to the data files weekly since first download in 17.04.2020.

6. Additional notes:
   – Information on the exact days in each week can be obtained when data is accessed through StatCube: https://statcube.at/statistik.at/ext/statcube/jsf/tableView/tableView.xhtml as well as in the metadata site: https://data.statistik.gv.at/web/meta.jsp?dataset=OGD_gest_kalwo_GEST_KALWOCHEN_100

7. References:


BELGIUM

Last update: 15.05.2020

1. Coverage

Belgium data includes deaths of Belgian residents, regardless of their citizenship. This means, deaths non-residents, like visitors of other countries, are not included. Neither are the deaths of Belgians residing in other countries.

2. Time coverage:

2.1. First day: 03.01.2000 (week 1 2000)
2.2. Last day: 19.04.2020 (week 16 2020)
2.3. Frequency of updates by data provider: every week by Eurostat

3. Original data on deaths

3.9. Death date: date of occurrence.
3.10. Time units: weekly deaths.
3.11. First and last days in week: Monday-Sunday.
3.12. First and last weeks in year: Weeks are rearranging by the data provided following the ISO8601 guidelines. Therefore, every weeks of the year, including the first and the last, contain 7-days. In order to get 7 days weeks, days of the previous years are included in this first week (whenever January 1st was a Tuesday, Wednesday or Thursday) or in the last calendar week (whenever December 31 was Thursday, Friday or Saturday).
3.13. Age groups: 5-year age groups; open age group: 90+, total.
3.14. Sex: male, female, total
3.15. Data restrictions and modifications: none.
3.16. Delays: Both 2019 and 2020 data are preliminary. 2020 death counts may be incomplete, especially last weeks.

4. Output data: aggregated from detailed original age groups

5. Information on the data source and data provider

5.1. Data provider: STATBEL (Belgian statistical office) and Eurostat (for 2019 and 2020 data)
5.3. Date of last update: May 7, 2020
5.4. Link to the datasets:
   Eurostat (accessed weekly since 08.05.2020):
   Data for 2000-2018 is not published and it was provided by STATBEL as a custom-made request.

6. Additional notes:
STATBEL publishes since May 2020, the series *Number of deaths per day, sex and age per region, province and district* for the period 2009-2020. Nevertheless, this dataset provides death counts for ages after 45 and in 10 or 20 age groups. Link: [https://statbel.fgov.be/en/open-data/number-deaths-day-sex-district-age](https://statbel.fgov.be/en/open-data/number-deaths-day-sex-district-age)

7. References:

STATBEL (2019 update): **Number of deaths per day, sex, age, region, province, district: Metadata.**
Online access (14.05.2020):

[https://www.iso.org/standard/40874.html](https://www.iso.org/standard/40874.html).

Eurostat (2020): **Deaths by age group, sex, week and NUTS 3 region (demo_r_mweek3): Metadata.**
Online access (05.05.2020):
1. **Coverage**

This data series includes all death events registered in German registrar’s offices, that is, deaths of German residents, regardless of their citizenship. Therefore, foreign nationalities who are residents in Germany are included in this dataset; deaths among people without permanent residence in Germany are not included; and deaths of Germans living abroad are not included either. Local registrar offices transfer death data to the German Federal Statistical Office or *Statistisches Bundesamt (Destatis)*, being the official institution that provides them.

2. **Time coverage:**
   2.1. First day: 01.01.2016
   2.2. Last day: 12.04.2020
   2.3. Frequency of updates by data provider: weekly

3. **Original data on deaths**
   3.1. Death date: date of occurrence
   3.2. Time units: daily deaths
   3.3. First and last days in a week: Monday-Sunday
   3.4. First and last weeks in year: Original data provided daily death counts. For comparability purposes, we manipulated data to produce a weekly-deaths dataset. In order to get 7 days weeks, days of the previous years were included in this first week (whenever January 1st was a Tuesday, Wednesday or Thursday) or in the last calendar week (whenever December 31 was Thursday, Friday or Saturday).
   3.6. Sex: both sexes combined
   3.7. Data restrictions and modifications: none
   3.8. Data delays and corrections: Data for 2019 and 2020 are provisional and may be corrected as death notifications arrive with delay and are being included in the data series. Destatis estimates that around 80% of the deaths are notified after a week, around 90% after two and around 97% after a month.

4. **Output data:** aggregated from detailed original age groups

5. **Information on the data source and data provider**
   5.1. Data provider: German Federal Statistical Office
   5.2. Original Copyright: © *Statistisches Bundesamt (Destatis)*, 2020. Vervielfältigung und Verbreitung, auch auszugsweise, mit Quellenangabe gestattet (*Reproduction and distribution,*
6. Additional notes:
   - Regarding the delay in the data, according to the legal German regulation, a death has to be reported to the registrar’s office within three working days. Longer lags may occur due to public holidays and weekends. Additional delays may happen also because of different local registrar’s abilities on data processing and notifications. An evaluation of March 2019 shows that around 12% of the deaths are notified to the statistical system within a day; about 80% of the deaths after 7 days; around 90% after 12-14; 97% after four weeks and 99% of the deaths after 65 days are already notified to the Statistisches Bundesamt.
   - Data from January 1st 2019 onward has not been checked for plausibility or completeness, they are just case count of reported deaths from the registry offices.
   - The original dataset also includes death counts by region or Bundesland. The regional breakdown in the preliminary data is based on the registry office in the district in which the death occurred and which has certified the case. In the final data, the regional assignment is based on the place of residence of the deceased.
   - Post-certified deaths of Germans living abroad are included in the final data but not in the provisional ones.
   - Deaths at age 0 may be exaggerated in the provisional data, which has not been revised yet. This may happen due to the erroneous report of the year of death, notified as the year of birth. These mistakes will be revised and corrected by the data provider before they consider them final. Final data is expected to be available by the middle of the next year.

7. References:


DENMARK

1. Coverage

This data series includes the whole population of Denmark: All death events registered in Denmark among its residents are included, regardless of their citizenship. Non-resident visitors of other countries are not included in the data series. Danish population living permanently abroad is not included either. Data is based on the CPR register (personal registration number), from which Statistics Denmark receives data in daily basis.

2. Time coverage:
   2.1. First day: 01.01.2007 (week 1 2007)
   2.2. Last day: 03.05.2020 (week 18 2020)
   2.3. Frequency of updates by data provider: every week, on Fridays

3. Original data on deaths
   3.17. Death date: date of occurrence.
   3.18. Time units: weekly deaths.
   3.19. First and last days in week: Monday-Sunday.
   3.20. First and last weeks in year: All weeks of the year, including first and last include 7-day. First week of a year is a full week completed from days of the previous year. Last week of a year is a full 7-days week lasting until the last Sunday of the year. The remaining days are added to the first week of the next year.
   3.21. Age groups: 5-year age groups
   3.22. Sex: male, female, both sexes
   3.24. Delays: Data for 2020 is preliminary and can be modified continuously with each new update (every Friday).

4. Output data: aggregated from detailed original age groups

5. Information on the data source and data provider
   5.1. Data provider: Statistics Denmark
   5.2. Original copyright: © Statistics Denmark. Copying for private usage is allowed.
   5.3. Contact: Dorthe Larsen; Email: dla@dst.dk; +45 39 17 33 07.
   5.4. Date of last update: May 8, 2020
5.5. Link to the datasets: [www.statbank.dk/DODC2](http://www.statbank.dk/DODC2). Accessed to the data files on 21.04.2020, and every Friday since then until 08.05.2020.

6. Additional notes:
   - Data on deaths is provisional, since death data is reported to Statistics Denmark by CPR register on daily basis.

7. References:

1. **Coverage**

This data series includes the whole population of Spain: all death events registered in Spain among its residents. Data for the period 2000-2019 week 39 is provided by Eurostat and data from week 40 2019 onward is provided by the Surveillance System of Daily Mortality, MoMo (managed by the National Center for Epidemiology).

2. **Time coverage:**
   2.1. First day: 01.01.2000 (week 1)
   2.2. Last day: 10.05.2020 (week 19)
   2.3. Frequency of updates by data provider: Eurostat: weekly; MoMo: daily

3. **Original data on deaths**
   3.25. Death date: date of occurrence.
   3.27. First and last days in week: Monday-Sunday.
   3.1. First and last weeks in year: Eurostat weeks are arranged following the ISO8601 guidelines. Therefore, every weeks of the year, including the first and the last, contain 7-days. In order to get 7 days weeks, days of the previous years are included in this first week (whenever January 1st was a Tuesday, Wednesday or Thursday) or in the last calendar week (whenever December 31 was Thursday, Friday or Saturday). Daily data provided by MoMo was rearranged according to ISO8601 guidelines too.
   3.2. Age groups: 2000-2019w39: 5-year age groups (open age group: 90 and more), unknown, total. 2019w40-onward: 0-64, 65-74, and 75 and more, total.
   3.3. Sex: male, female, both sexes
   3.4. Data restrictions and modifications: none.
   3.5. Delays: 2000-2019 data is final. 2020 data is updated daily by the original source to include delayed deaths, particularly data on most recent deaths. Therefore, death counts on every available file published by the original source may change due to delayed death notifications. Last days death numbers are incomplete as well.

4. **Output data:** aggregated from detailed original age groups

5. **Information on the data source and data provider**
   5.1. Data provider:
      5.1.1.2000-2019w39: Eurostat
5.1.2.2019w40 onward: Sistema de Vigilancia de la Mortalidad diaria (MoMo), managed by the National Center for Epidemiology of the Instituto de Salud Carlos III (ISCIII)


5.3. Date of last update: May 15, 2020

5.4. Link to the datasets:
- MoMo: [https://momo.isciii.es/public/momo/dashboard/momo_dashboard.html#datos](https://momo.isciii.es/public/momo/dashboard/momo_dashboard.html#datos)


6. Additional notes:
- Information provided by MoMo is received in daily basis in the Surveillance System of Daily Mortality, by 3929 computerized civil registers from all provinces in Spain. That corresponds to the 93% of the population (Centro Nacional de Epidemiología, 2020c). Therefore, MoMo data, besides being provisional for the last year and incomplete for the last weeks, is always slightly lower than the one provided by Eurostat (see graph below).
- MoMo data files were downloaded in different dates, and most updated data has been employed to create this dataset. Nevertheless, older files data has been utilized, since they contain earlier dates deaths. For instance, first file, obtained on April 14 2020, include deaths beginning from March 27 2018. Data file downloaded on April 27 2020, on the other hand, includes deaths occurring on April 9 2018 and later.
- Original data availability begins in March 27 2018. Since the first day of the data provided is a Tuesday, and therefore first available week would include just 6 days (from March 27 to April 1 2018), data from week 13 has not been included in this dataset.
- Data on deaths is provisional, since death data is reported to MoMo by the computerized Civil Registers of the Ministry of Justice in daily basis. Delay between the date of the death occurrence and its notification has been significant during the weeks of April 2020. On April 12 2020, the mean delay in notifications on the last 7 days was 6.5 days. This delay dropped to 5.7 days on April 21 and to 5.3 by April 27.
- Deaths occurring on December 31 2018 were combined together with the death occurring between January 1 and 6 2019, in Week 1 of 2019. Likewise, deaths on December 30 and 31 2019 are included in Week 1 2020 data.
Graph 1: Total deaths by week according to the data source. Spain, 2018-2019

7. References:


1. **Coverage**

This dataset provides information on deaths to individuals with registered residency in Finland, regardless of citizenship. Therefore, deaths occurring in Finland to visitors of other countries (i.e. tourists) are not included in this dataset. Deaths of Finnish citizens living permanently abroad are not included in the data. Data are provided to Statistics Finland by Register Centre’s Population Information System maintained by local register offices.

2. **Time coverage:**
   
   2.1. First day: 01.01.1990 (week 1, 1990)
   
   2.2. Last day: 26.04.2020 (week 17, 2020)
   
   2.3. Frequency of updates by data provider: every week, on Friday.

3. **Original data on deaths**
   
   3.6. Death date: date of occurrence.
   
   3.7. Time units: weekly deaths.
   
   3.8. First and last days in week: Monday-Sunday.
   
   3.9. First and last weeks in year: Original data includes full 7-days weeks, including the first and the last of every year. Therefore, every year contains 52 weeks. Exceptions, including 53 years are 1992, 1998, 2004, 2009 and 2015. In order to get 7 days in the first and last week of the year, the remaining days of week 53 in a year are added to the following year first week.
   
   3.10. Age groups: 5-year age groups.
   
   3.11. Sex: male, female, both sexes
   
   
   3.13. Data delays: 2020 data are preliminary and they contain a two-week delay. Most recent week’s data are incomplete and they are revised and corrected in every weekly update. This delay is due to the lag of the data in the Population Information System maintained by the Digital and Population Data Services Agency.

4. **Output data:** aggregated from detailed original age groups

5. **Information on the data source and data provider**
   
   5.1. Data provider: Statistics Finland
   
   5.2. Original copyright: © Statistics Finland
   
   5.3. Contact: Tlf: +358 29 551 2220
   
   5.4. Date of last update: May 7, 2020
   
   5.5. Link to the datasets (Matrix: 007_12ng_2020w17):

6. Additional notes:

7. References:
1. **Coverage**

The data series includes the whole population of England and Wales: All death events registered in England and Wales among its residents, residents of other UK countries or non-UK visitors are included.

2. **Time coverage:**
   2.1. First day: 01.01.2010 (week 1)
   2.2. Last day: 01.05.2020 (week 18)
   2.3. Frequency of updates by data provider: weekly

3. **Original data on deaths**
   3.15. First and last days in week: Saturday-Friday
   3.16. First and last weeks in year: First week of a year is a full week completed from days of the previous year. Last week of a year is a full 7-days week lasting until the last Friday of a year. The remaining days are added to the first week of the next year. Week 53 is present in exceptional years (2015 and eventually 2020) and they also include 7 days.
   3.17. Death date: date of registration
   3.18. Age groups: 2000–2019: 0, 1-14, 15-44, 45-64, 65-74, 75-84, 85+, total; 2020: 5-year age groups with age group below one and open age interval 85+, total
   3.19. Sex: male, female, both sexes
   3.20. Data restrictions and modifications: none
   3.21. Data delays and corrections: 2020 data is provisional, and therefore it may be revised every week and corrected.

4. **Output data:** aggregated from detailed original age groups

5. **Information on the data source and data provider**
   5.1. Data provider: Office for National Statistics (ONS)
   5.2. Original copyright: © Crown copyright 2020; data may be reproduced free of charge in any format or medium, under the terms of the Open Government License.
   5.3. Date of last update: May 13, 2020
   5.4. Link to the datasets: [https://www.ons.gov.uk/](https://www.ons.gov.uk/) (21.04.2020)

6. **Additional notes:**
− According to the ONS and RON rules, deaths have to be registered within five days of the date of occurrence. Nevertheless, there are cases when this registration can be delayed. These cases include mainly deaths that have been referring to a coroner, and therefore the death certificate is delayed. These deaths may include unknown-causes deaths, deaths considered suicides or violent, unnatural, and suspicious, work related deaths or caused by accidents, etc.

− Original data is published by the ONS every week on Tuesdays, 11 days after the reference week ends. That means, for the data of the week 14 of 2020, deaths registered between Saturday March 28 and Friday April 3, data released in the ONS website is done on Tuesday April 14. Data is downloaded by the STMF team every week and get in ready in the standard file within a week after is released by the original source.

− Original data published by the ONS include also deaths by region (within England) and Wales for residents of these two countries.

− Beginning on the week 14 of 2020, the original weekly dataset provides death counts by sex and 5-year age groups.

− The original weekly death register publication includes from March 31 2020, death counts involving to the Covid-19 (any mention of Covid-19 in the death certificate) by sex and 5-year age groups, both by register and occurrence date.

7. References:


ICELAND

Last update: 15.05.2020

1. Coverage
Deaths statistics are compiled and published by Statistics Iceland. Death information is reported by the National Registry of Iceland. The National Register includes deaths of the population residing legally in Iceland, regardless of where they died. Therefore, deaths occurred to visitors with not legal residency in Iceland are not included in the data.

2. Time coverage:
2.1. First day: 02.01.2000 (week 1 2017)
2.2. Last day: 12.04.2020 (week 15 2020)
2.3. Frequency of updates by data provider: every week

3. Original data on deaths
3.22. Death date: date of occurrence.
3.23. Time units: weekly deaths.
3.24. First and last days in week: Monday-Sunday.
3.25. First and last weeks in year: Data published by Statistics Iceland include do not combine years last and first weeks in order to have 7-day weeks. Therefore, first week in 2020 only include 5 days. This inconvenience for comparative purposes will be corrected in the next update.
3.26. Age groups: 5-year age groups; open age group: 85+, total.
3.27. Sex: male, female, total
3.29. Delays: Data regarding to the number of deaths in 2020 are preliminary and they underestimate the real number of deaths because of a lag between the death event and its notification.

4. Output data: aggregated from detailed original age groups

5. Information on the data source and data provider
5.1. Data provider: Statistics Iceland.
5.2. Original copyright: © Statistics Iceland.
5.3. Date of last update: May 15, 2020
6. Additional notes:

7. References:

1. **Coverage**

All deaths 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 death data since 1950. Death reports include the whole resident population of the Netherlands, that is, all the population registered in a Dutch municipality regardless of their citizenship. The population register does not include individuals with no legal residence or those with exemption rules for their inclusion in the population register (i.e. diplomats, NATO personnel).

2. **Time coverage:**
   2.1. First day: 02.01.1995 (week 1, 1995, excluding January 1st)
   2.2. Last day: 26.04.2020 (week 17, 2020)
   2.3. Frequency of updates by data provider: every week, on Friday.

3. **Original data on deaths**
   3.30. Death date: date of occurrence.
   3.31. Time units: weekly deaths.
   3.32. First and last days in week: Monday-Sunday.
   3.33. First and last weeks in year: Original data includes weeks of the specific year regardless of the number of days in a week. Nevertheless, since provided data includes notes on the amount of days in the week on the first and the last of the year, for comparability reasons, weeks have been assembled in order to have full 7-days weeks. To do so, the remaining days of week 53 in a year have been added to the following year first week. For more specific information, read additional notes section.
   3.34. Age groups: 0-64, 65-79, and 80 and more, total.
   3.35. Sex: male, female, both sexes
   3.36. Data restrictions and modifications: none.
   3.37. Data delays: Most recent weeks may include important delays due to late death notifications, especially last published week. Due to these delays, death counts on every available file published by the CBS source may be modified. Also because of these delays, Statistics Netherlands estimates the death numbers of the last available week, based on the received death reports. According to the CBS, around 97% of all deaths are already notified within 2 weeks to the CBS.

4. **Output data:** aggregated from detailed original age groups

5. **Information on the data source and data provider**
   5.1. Data provider: Statistics Netherlands
6. Additional notes:
   - Death counts from 1995 to 2018 are final. 2019 and 2020 data are provisional. Provisional data of last published week in 2020 are estimated based on the number of deaths reported to Statistics Netherlands. There is usually a lag of time between the death occurrence day and its notification to the CBS. Every Thursday obituaries are collected and within a week Statistics Netherlands gets the notification of more than the 80% of all deaths, giving the CSB information of the expected total number of deaths of that previous week.
   - Age is considered at December 31st.
   - 2014 data were obtained from Stelsel van Sociaal-statistische Bestanden.

Week arrangement notes:
   - January 1st 1995 (Sunday) was excluded from the time series, being the first full 7-days week of 1995 January 2-8.
   - Exceptionally, a few years include week 53. It is the case for 2000, 2005 (includes 6 days of 2005 and 1 from 2006), 2011 (includes 6 days of 20011 and 1 from 2012), 2016 (includes 6 days of 20016 and 1 from 2017).

7. References:


1. Coverage

This dataset provides information on deaths to individuals with registered residency in Norway, regardless of citizenship. Therefore, deaths occurring in Norway to visitors of other countries (i.e. tourists) are not included in this dataset. Deaths are provided to Statistics Norway by the National Registry, the institution which receives the death certifications from district courts.

2. Time coverage:

2.1. First day: 02.01.1995 (week 1, 2000)
2.2. Last day: 26.04.2020 (week 17, 2020)
2.3. Frequency of updates by data provider: every week, on Tuesday.

3. Original data on deaths

3.38. Death date: date of occurrence.
3.40. First and last days in week: Monday-Sunday.
3.41. First and last weeks in year: Original data includes full 7-days weeks, including the first and the last of every year. Therefore, every year contains 52 weeks. Exceptions, including 53 years are 2004, 2009 and 2015. In order to get 7 days in the first and last week of the year, the remaining days of week 53 in a year are added to the following year first week.
3.42. Age groups: 5-year age groups.
3.43. Sex: male, female, both sexes
3.44. Data restrictions and modifications: none.
3.45. Data delays: Due to the delay between the death occurrence and its notification to Statistics Norway, each data update covers the week before the previous one. For example, in week 17 Statistics Norway publishes deaths from week 15 and so on. Due to this lag, it is estimated that 65% of total deaths are included in data of the last published week, 85% in the week before and 93% in the week before that.

4. Output data: aggregated from detailed original age groups

5. Information on the data source and data provider

5.1. Data provider: Statistics Norway, Statistisk sentralbyrå, SSB.
5.2. Original copyright: © Statistics Norway; The content and layout on SSB website copyright under the Norwegian Licence for Open Government Data (NLOD)
5.3. Contact: Anders Sønstebø –senior adviser-; Email: son@ssb.no; Tlf. +47 466 63 774
5.4. Date of last update: May 5, 2020
6. Additional notes:

– Statistics Norway provides also weekly data by single age, as well as other age groups.

7. References:

PORTUGAL

1. **Coverage**

This data series of Portuguese weekly deaths includes deceases of Portuguese and foreign citizens that occurred in Portuguese territory. Data is based on the electronic registration of death certificates issued by doctors which is compiled in the database called Sistema de Informação dos Certificados de Óbito, SICO (Information System of Death Certificates) and provided by the eVM or Vigilância eletrónica de mortalidade em tempo real (Real Time Electronic Mortality Surveillance).

2. **Time coverage:**
   2.1. First day: 01.01.2014 (week 1)
   2.2. Last day 03.05.2020 (week 18)
   2.3. Frequency of updates by data provider: every 10 minutes.

3. **Original data on deaths**
   3.46. Death date: date of occurrence
   3.47. Time units: daily deaths.
   3.48. First and last days in week: Monday-Sunday
   3.49. First and last weeks in year: the original daily death data was rearranged in order to get weekly data. All weeks contain 7 days, including first and last week of the year. To do so, days after the last Sunday of the year were combined with the days before the first Monday of the following year, getting a full 7-days week 1.
   3.50. Age groups: 0, 1-4 and 10-year age groups (open age group: 75 and more), Unknown
   3.51. Sex: both sexes combined
   3.52. Data restrictions and modifications: none
   3.53. Data delays and corrections: data for 2020 is preliminary and therefore it is being revised and corrected. Since the eVM is a system of electronic surveillance of mortality in real time, data is automatically updated every 10 minutes; therefore, data of the last weeks is preliminary and may be incomplete.

4. **Output data:** aggregated from detailed original age groups

5. **Information on the data source and data provider**
   5.1. Data provider: eVM - Vigilância eletrónica de mortalidade em tempo real (Real Time Electronic Mortality Surveillance)
   5.2. Original copyright: © 2020 Direção-Geral da Saúde (General Directorate of Health).
   5.3. Date of last update: Updates every 10 minutes.
5.4. Link to the datasets:  https://evm.min-saude.pt/#shiny-tab-q_idade  (15.04.2020 and 04.05.2020)

6. Additional notes:
   - For comparability purposes, numbers of the first available week of the data series (week 1 2014) were estimated, as deaths occurring during the previous four days of 2013 were missing, and therefore, included just 5 days (from January 1st to January 5th).
   - Unknown week data is included in the datasets.

7. References:


1. **Coverage**

Death statistics are based on the population registered in the Swedish Population Register. The Swedish Tax Agency is the responsible institution that manages this registry and supplies the information on death to Statistics Sweden. Original data includes therefore, the whole resident population of Sweden, regardless of their citizenship. Deaths of visitors and asylum-seekers are not included in this dataset.

2. **Time coverage:**
   2.1. First day: 01.01.2010 (week 1)
   2.2. Last day: 29.04.2020 (week 17)
   2.3. Frequency of updates by data provider: Unknown.

3. **Original data on deaths**
   3.54. Death date: date of occurrence
   3.55. Time units: days.
   3.56. First and last days in week: Monday-Sunday
   3.57. First and last weeks in year: the original daily death data was rearranged in order to get weekly data. All weeks contain 7 days, including first and last week of the year. To do so, days after the last Sunday of the year were combined with the days before the first Monday of the following year, getting a full 7-days week 1.
   3.58. Age groups: 0-64, 65-79, 80-89, 90+, total
   3.59. Sex: male, female, both sexes
   3.60. Data restrictions and modifications: none
   3.61. Data delays and corrections: data for 2020 is preliminary and therefore it is being revised and corrected.

4. **Output data:** aggregated from detailed original age groups

5. **Information on the data source and data provider**
   5.1. Data provider: Statistics Sweden / Statistikmyndigheten SCB
   5.3. Date of last update: April 30, 2020

6. **Additional notes:**
Statistics Sweden publishes in its official website data by age group and sex for 2019 and 2020. Data from 2010 to 2018 was provided as a personal communication.

For comparability purposes, numbers of the first available week of the data series (week 1 2010) were estimated, as deaths occurring during the previous four days of 2009 were missing, and therefore, included just 3 days.

Unknown week data is included in the datasets.

7. References:
UNITED STATES OF AMERICA

Last update: 12.05.2020

1. Coverage

This data series includes all deaths occurring in the United States, regardless of the resident status of the deceased. The National Center for Health Statistics (NCHS) mortality surveillance is the institution responsible to collect the data on death certificates from the state vital statistics offices.

2. Time coverage:

2.1. First day: 01.01.2013 (week 1 2013)
2.2. Last day: 02.05.2020 (week 18 2020)
2.3. Frequency of updates by data provider: every week, on Fridays.

3. Original data on deaths

3.62. Death date: date of occurrence.
3.63. Time units: weekly deaths.
3.64. First and last days in week: Sunday-Saturday.
3.65. First and last weeks in year: First week of a year is a full week completed from days of the previous year. Last week of a year is a full 7-days week lasting until the last Sunday of the year. The remaining days are added to the first week of the next year.
3.66. Age groups: 0-17, 18-64, 65 and more, total.
3.67. Sex: both sexes
3.68. Data restrictions and modifications: none.
3.69. Delays: Since data is received with delay, each week publications are preliminary, and therefore, death counts are modified in every publication. For the last available week, data published by the original source is usually estimated to be half complete. This share changes slightly every week.

4. Output data: aggregated from detailed original age groups

5. Information on the data source and data provider

5.1. Data provider: Centers for Disease Control and Prevention, CDC, Influenza Division
5.2. Original copyright: © Centers for Disease Control and Prevention, CDC. Not subject to copyright. CDC information is in the public domain, and may be freely used or reproduced without obtaining copyright permission.
5.3. Date of last update: May 10, 2020
5.4. Link to the datasets: https://gis.cdc.gov/grasp/fluview/mortality.html (Data downloaded weekly since first download, on April 29, 2020)
6. **Additional notes:**

- Deaths on the first week of 2013 are estimation, since this week included originally 5 days and the original data series didn’t include information on 2012 deaths on December 30 and 31.
- Death of the season 2012-2013, the total deaths for the weeks 1 to 39 of 2013 were missing, they were just provided by age groups. The total numbers were estimated summing deaths provided by ages: deaths from less than 18-year-olds, 18-64 and 65 and more. Therefore, this total doesn’t include deaths from unknown ages. Nevertheless, between 2014 and 2020, those cases were always in every week less than 0.03% of the total deaths.
- Original data is presented according to the influenza season (i.e., season 2019/2020), which begins usually at the end of September (week 40) and ends a year after also in that month (week 39). Weeks have been rearranged to assign the corresponding year to the data (week 1 of the year 2000 instead the 2019/2020 season).
- Original dataset includes also influenza and pneumonia death counts.

7. **References:**

Centers for Disease Control and Prevention: **U.S. Influenza Surveillance System: Purpose and Methods.**

Online access (14.04.2020): [https://www.cdc.gov/flu/weekly/overview.htm#anchor_1539281356004](https://www.cdc.gov/flu/weekly/overview.htm#anchor_1539281356004).