



Sunderland Covid-19 Health Inequalities Strategy

Annex two

Local impact implications of COVID locally

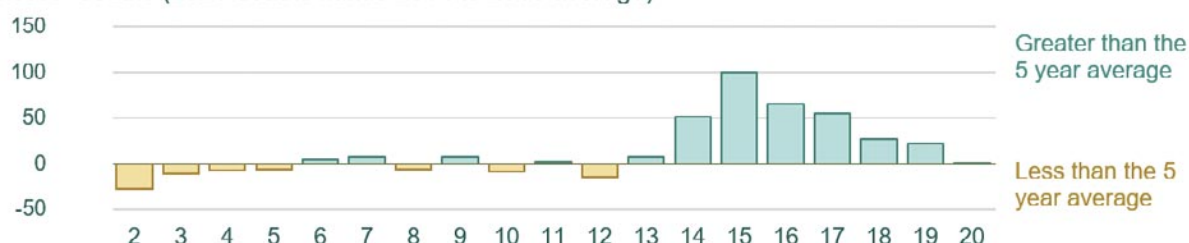
The source of the data below comes from the ONS Death registration and occurrence by local authority and health board Office for Statistics, licensed under the Open Government Licence.

Excess death

Graphs 1 shows registered deaths by week for 2020, compared to the average registered deaths count, by week, for the year 2015 to 2019. This excess by week is also compared to the number of deaths where coronavirus (COVID-19) was mentioned on the death certificate.

Week 20: Sunderland

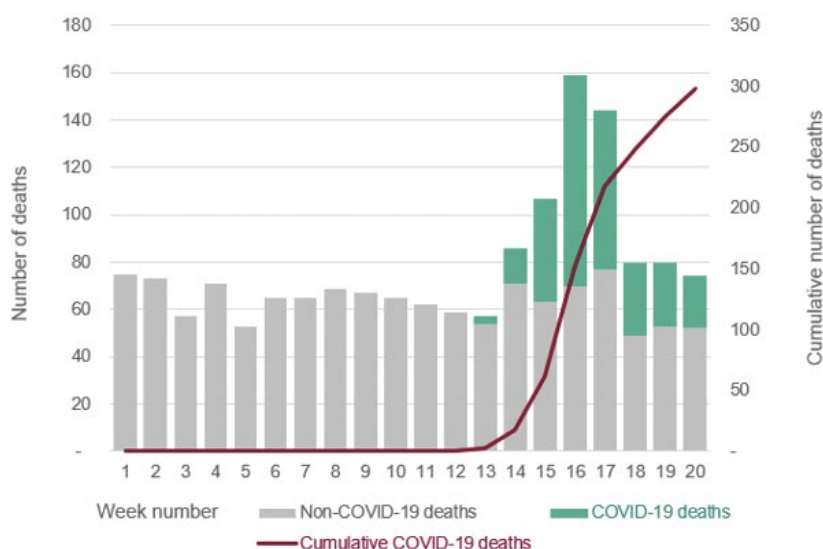
Excess deaths (2020 deaths minus 2014 to 2018 average)



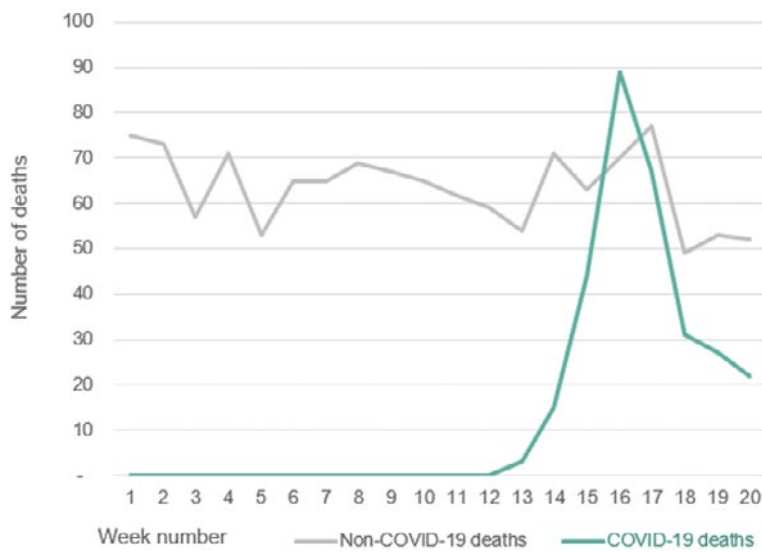
Graph 1 - Weekly provisional figures on deaths occurring, minus the weekly average occurrence 2014 to 2018, with proportion where coronavirus (COVID-19) was mentioned on the death certificate

Trends and places of deaths

Graphs 2 and 3 use the ONS Death registrations and occurrences by local authority to look at the weekly trends for all causes mortality and where coronavirus (COVID-19). They show cumulative deaths for COVID-19.



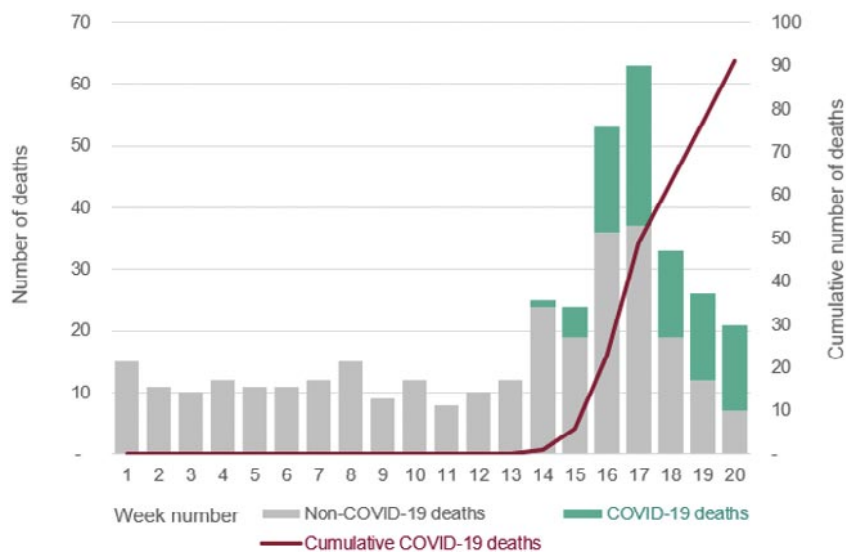
Graph 2 - Deaths by cause of death (weekly numbers and cumulative), for deaths registered up to 15 May 2020 by week, Sunderland



Graph 3 - Deaths by cause of death (numbers), for deaths registered up to 15 May 2020 by week, Sunderland

Trends – care homes

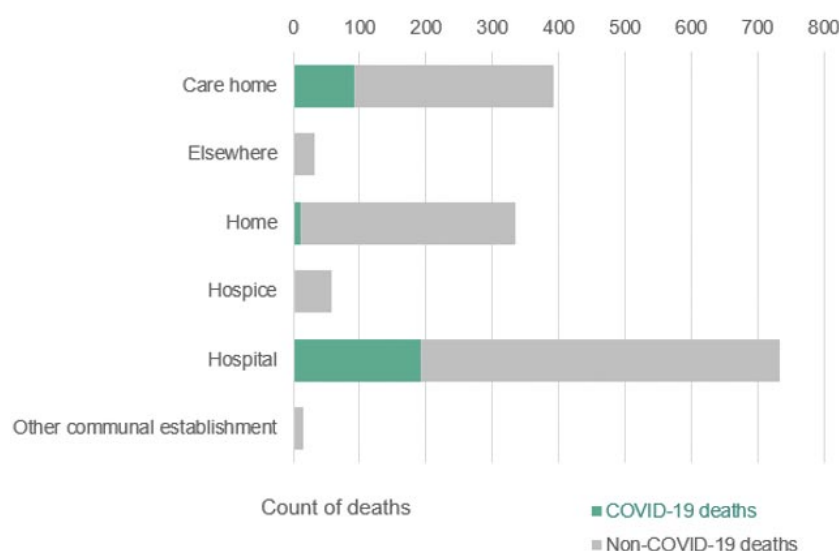
Graph 4 show similar trends to 'trends – all registrations and all occurrences' but where place of death was recorded as 'care homes'.



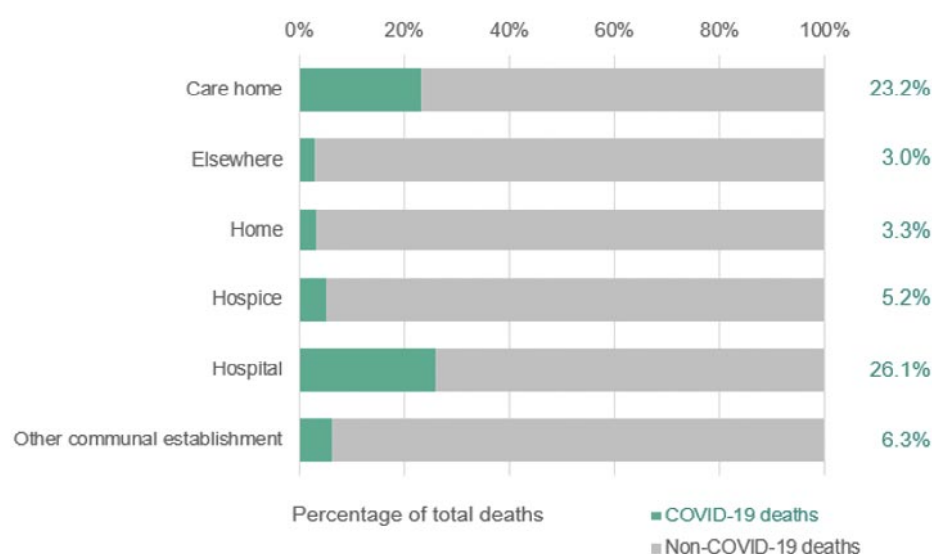
Graph 4 -Trends in numbers of deaths by cause and cumulative COVID-19 deaths, deaths registered up to 15 May 2020 by week, where place of death was recorded as 'care homes', Sunderland

Place of death - registrations and occurrences

Graph 5 and 6 look at the proportion of COVID-19 and non-COVID-19 deaths, split by location for Care home, home, hospital, hospice, other communal



Graph 5 -2020 deaths by place of death (cumulative numbers), for deaths registered up to 15 May 2020 by place of occurrence, cumulative, Sunderland



Graph 6 -2020 deaths by place of death (cumulative numbers), for deaths registered up to 15 May 2020 by place of occurrence, Sunderland

The data is set against all-cause mortality, which for Sunderland is historically higher than both the England and North East figures. In relation to COVID-19, this pattern continues.

Summary of the 320 deaths in Sunderland as of 11th May:

- 147 (46%) were males and 173 (54%) were females
- Ages ranged from 26-103, with a mean age of around 80 years and a median age of 82 years. The distribution of deaths by age has been fairly consistent throughout

