



UK Health
Security
Agency

COVID-19 SITUATIONAL AWARENESS BRIEF & APPENDIX

14 March 2023

OFFICIAL - FOR WIDER DISTRIBUTION

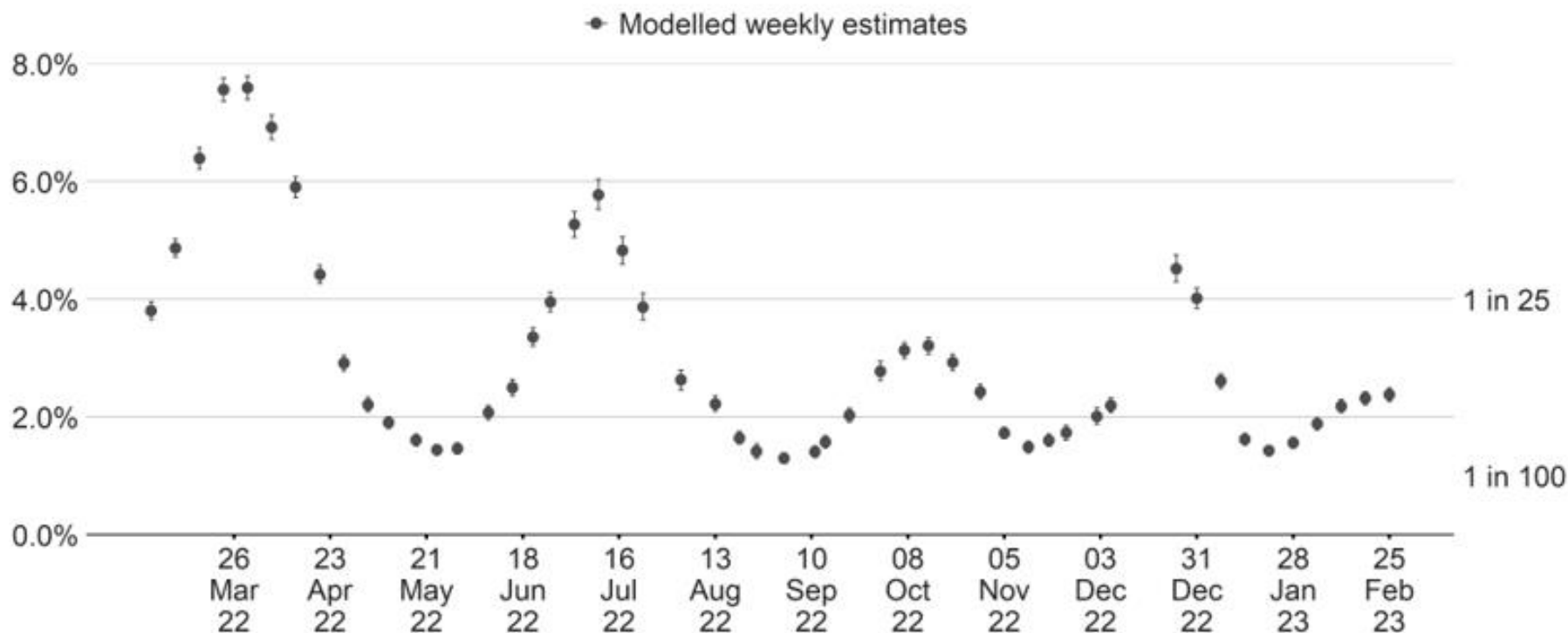
MAIN

National Context

ONS positivity in England

Up to 28 February 2023

Official Estimates: Percentage of people testing positive for SARS-CoV-2 in England



The point estimates and error bars indicated on the chart represent the official estimates reported in previous weeks based on the best information and methods at each point in time. Estimates are shown for latest year.

Data from 02 March 2022 to 25 February 2023

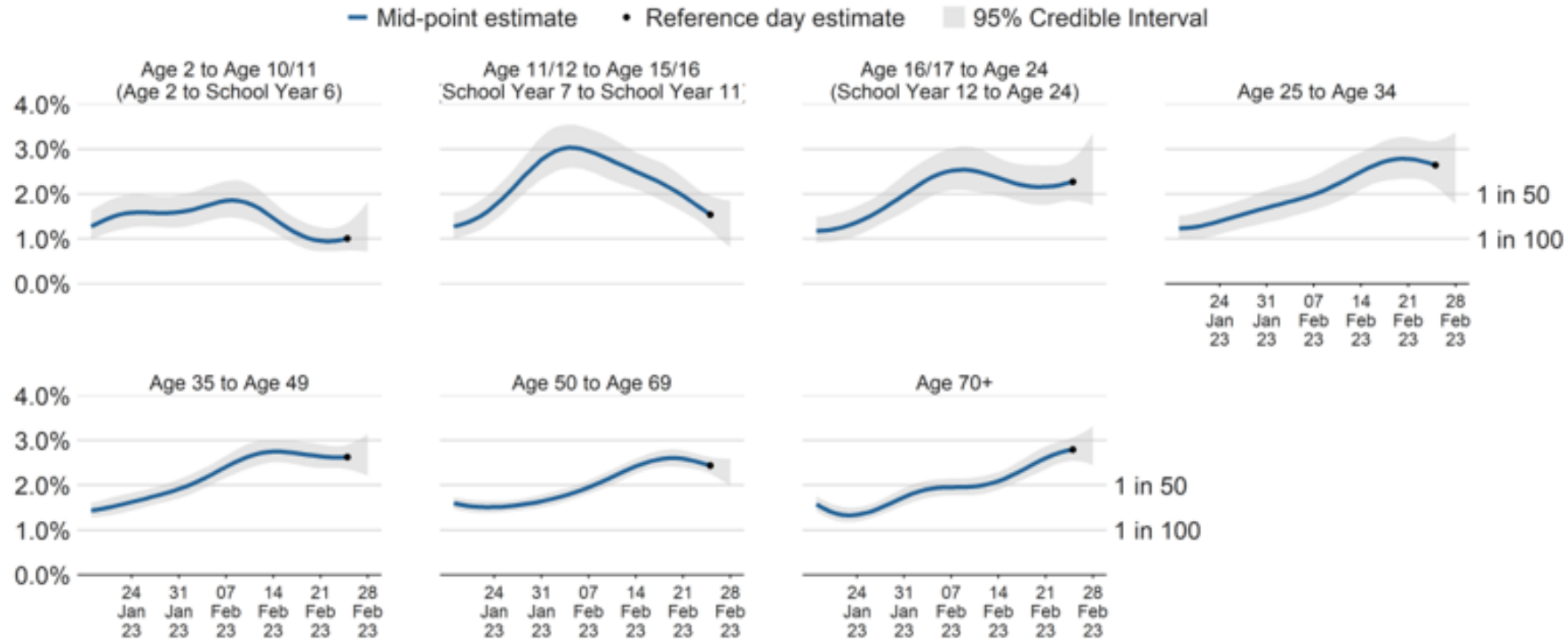
Narrative

- **ONS: In the week ending 28 February 2023**, an average of 1,333,400 (1,270,700 to 1,396,600) people in England were estimated to have had SARS-CoV-2.
- This equates to 2.38% (2.27% to 2.49%) of the population who would have tested positive for SARS-CoV-2 infection or around 1 in 40 (1 in 45 to 1 in 40) people.
- Previously, in week up to 21 February 2023, to 2.31% (2.20% to 2.43%) of the population were estimated to have tested positive for SARS-CoV-2 infection or around 1 in 45 (1 in 45 to 1 in 40) people.
- Note: Reference date for current estimates is 25 February 2023.

ONS age positivity in England

18 January to 28 February 2023

Percentage of people testing positive for SARS-CoV-2 by age over time (modelled estimates)



The area to the right of the mid-point estimate has a lower level of certainty due to lab results still being processed for this period.

Data from 18 January 2023 to 28 February 2023

Narrative

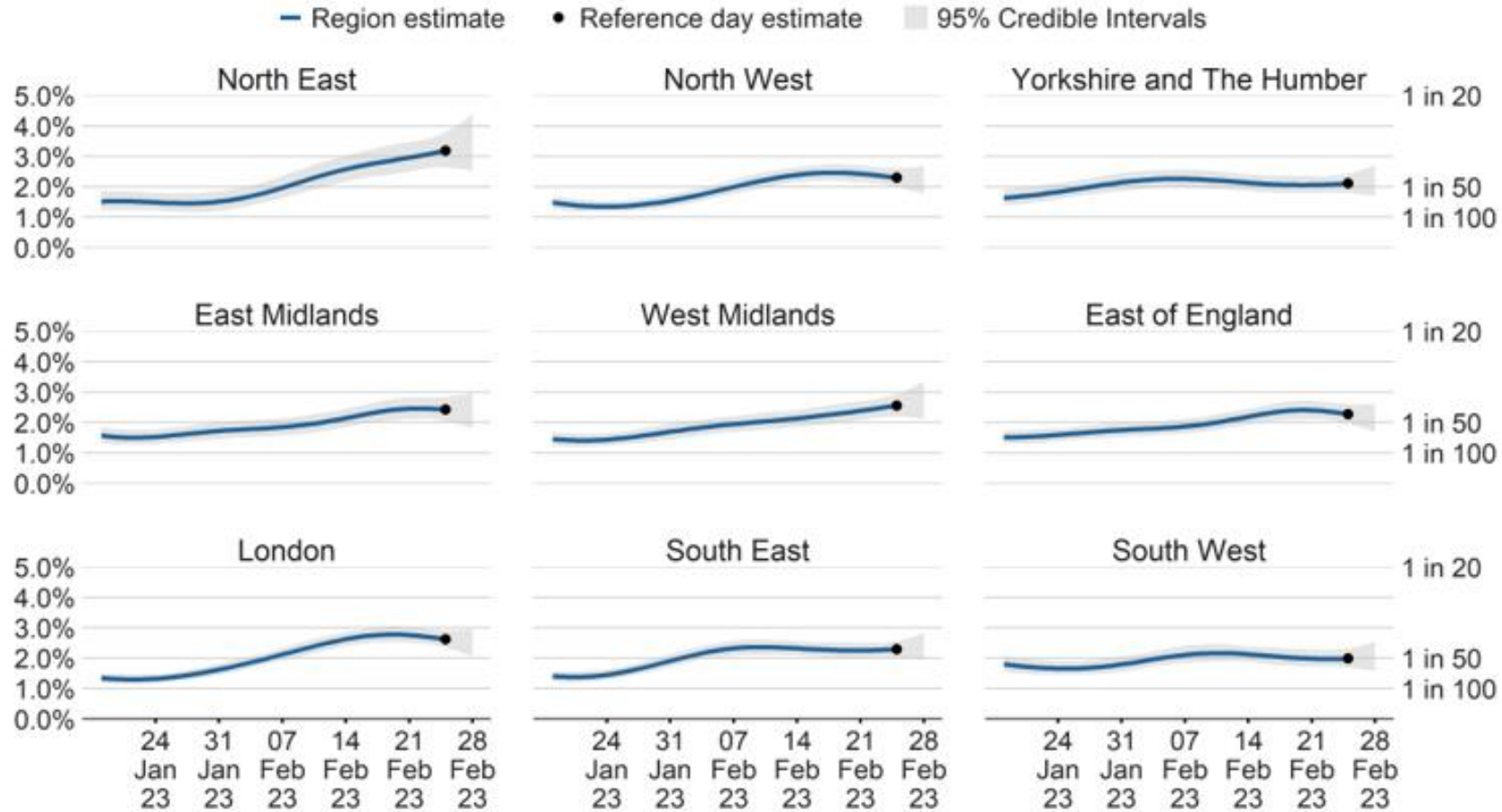
In the week ending 28 February 2023, the percentage of people testing positive:

- Increased in those aged 70 years and over.
- Had an uncertain trend for those aged 25 to 34 years but rates increased over two weeks.
- Decreased for those aged 11/12 to 15/16 (school Year 7 to 11) and 50 to 69 years.
- Had an uncertain trend for those aged 2 to 10/11 (school Year 6) but decreased over two weeks.
- Had an uncertain trend for those aged 16/17 (school Year 12) to 24 and 35 to 49 years.

ONS regional positivity in England

18 January to 28 February 2023

Percentage of people testing positive for SARS-CoV-2 by region over time (modelled estimates)



The area to the right of the mid-point estimate has a lower level of certainty due to lab results still being processed for this period.

Data from 18 January 2023 to 28 February 2023

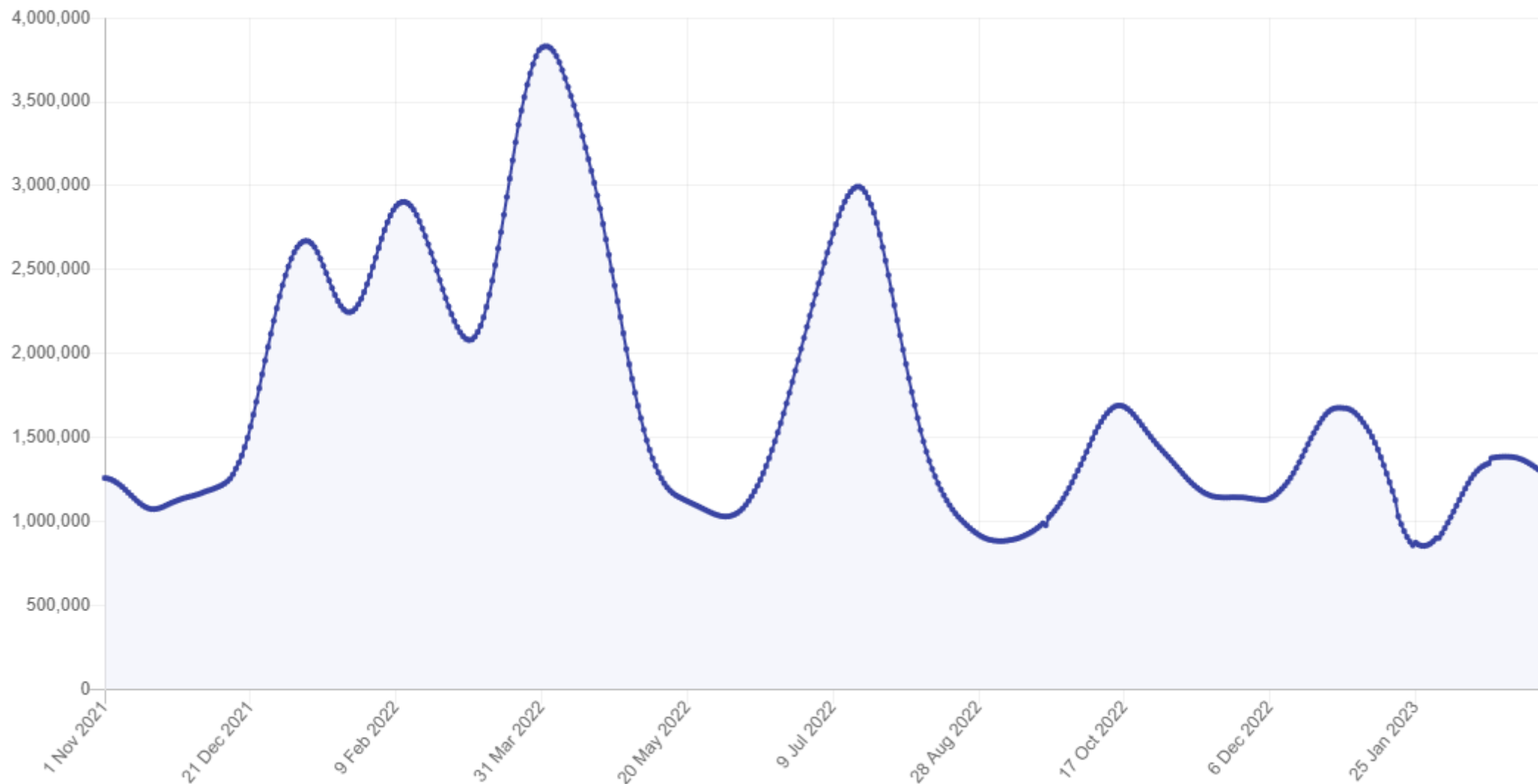
Narrative

In the week ending 28 February 2023, the percentage of people testing positive:

- Increased in the North East and West Midlands.
- Had an uncertain trend in the East Midlands, East of England and London but increased in these regions over two weeks.
- Had an uncertain trend in the North West, Yorkshire and The Humber, South East and South West.

Zoe Health Study: Number of people calculated to have COVID symptoms on each day

Data up to 13 March 2023



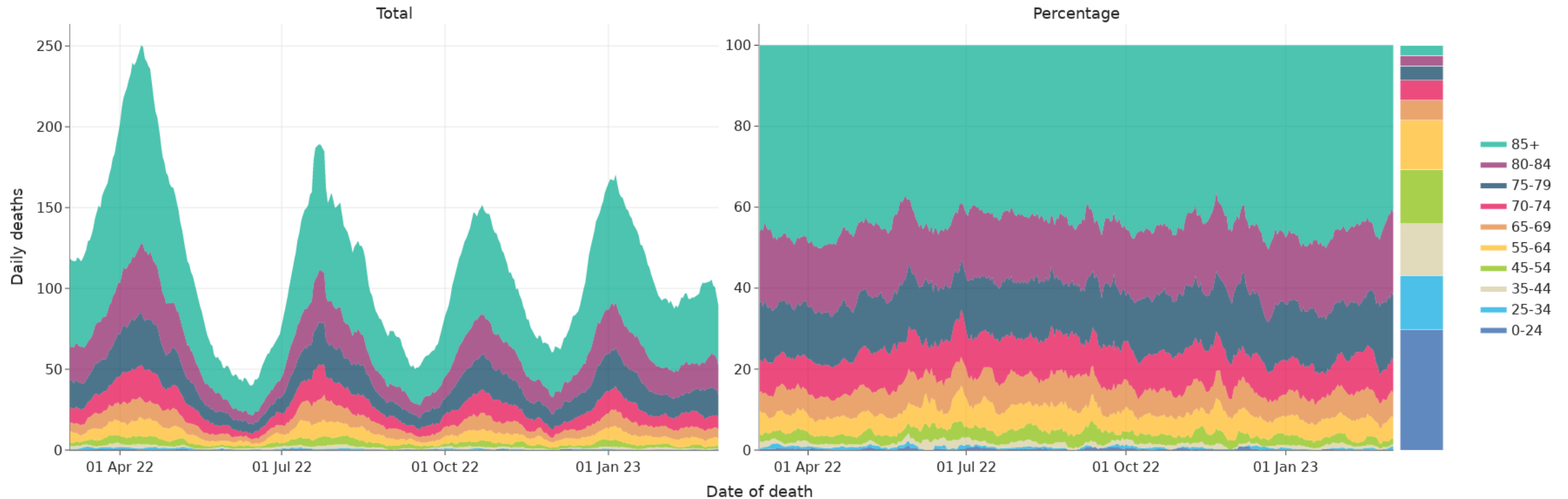
Mortality

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Daily deaths within 28 days of a positive test by age group

Data from 04 March 2022 to 04 March 2023

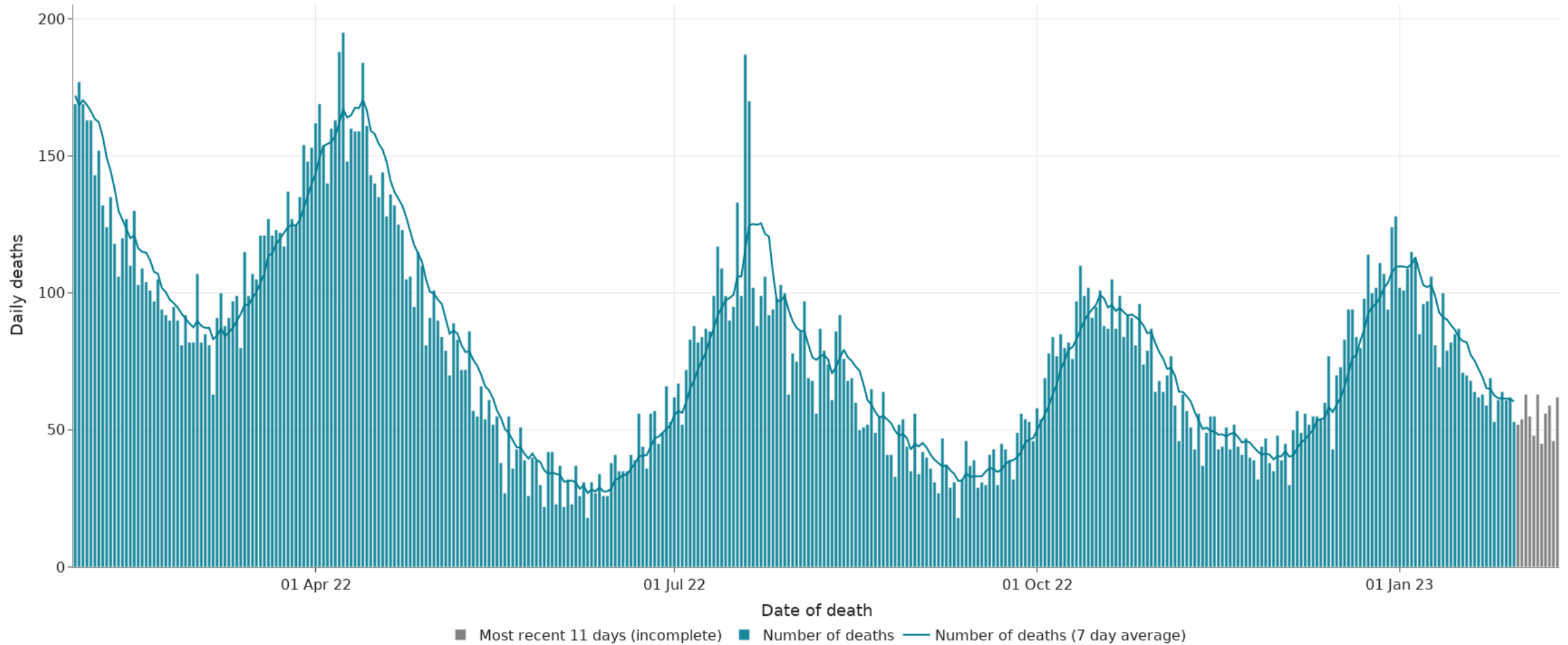


Note: Values are 7 day averages. Vertical bar shows the % of the population which fall into each age band.

Age Group	0-24	25-34	35-44	45-54	55-64	65-69	70-74	75-79	80-84	85+
Deaths (7 day average)	0	1	0	1	5	5	7	14	18	37
Proportion of deaths (7 day average) (%)	0	1	0	1	5	6	8	16	20	42
Change in deaths vs. prev. week (7 day average) (%)	inf	inf	-33	13	10	-18	-13	-19	2	-23

Daily deaths with COVID-19 on the death certificate

Data from 30 January 2022 to 10 February 2023 (data from 30 January 2023 is provisional)

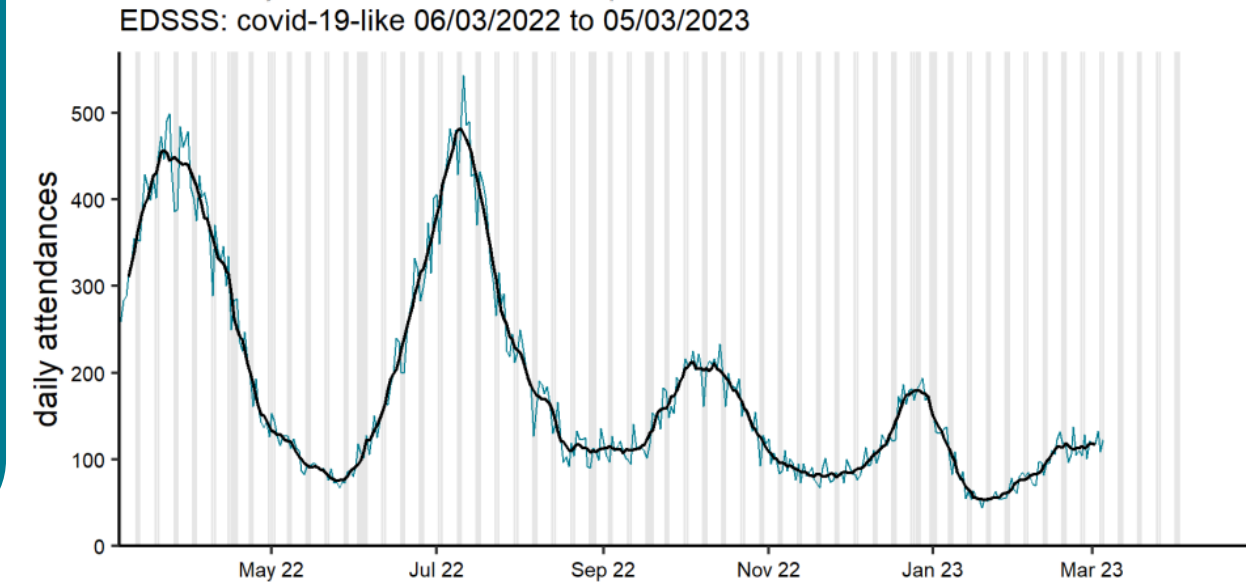
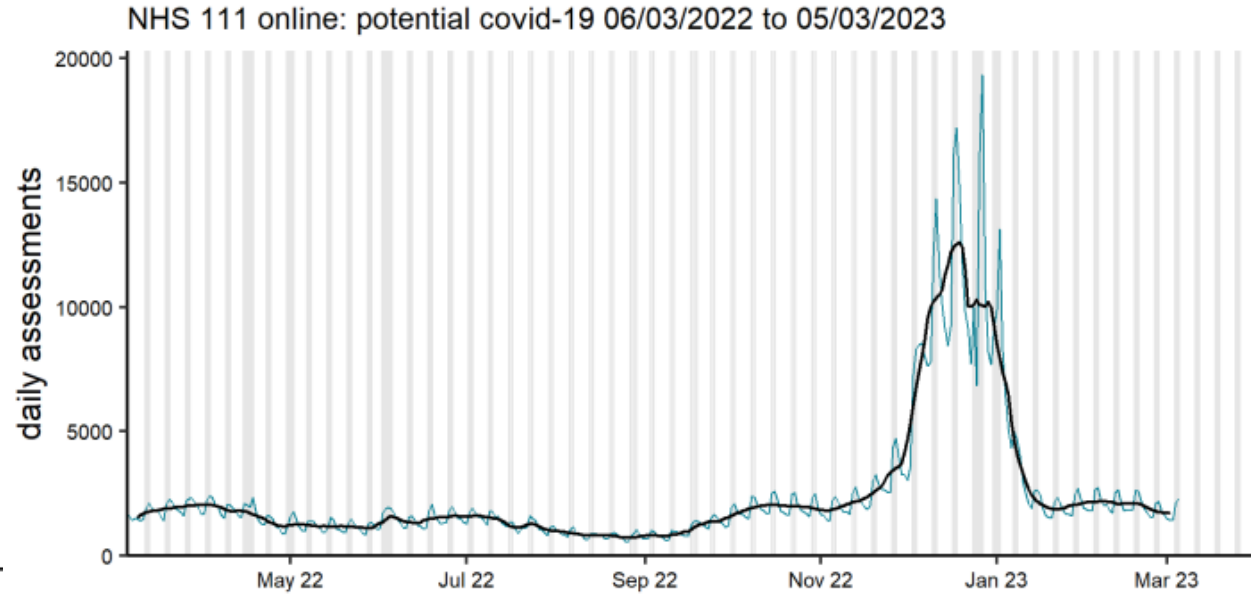
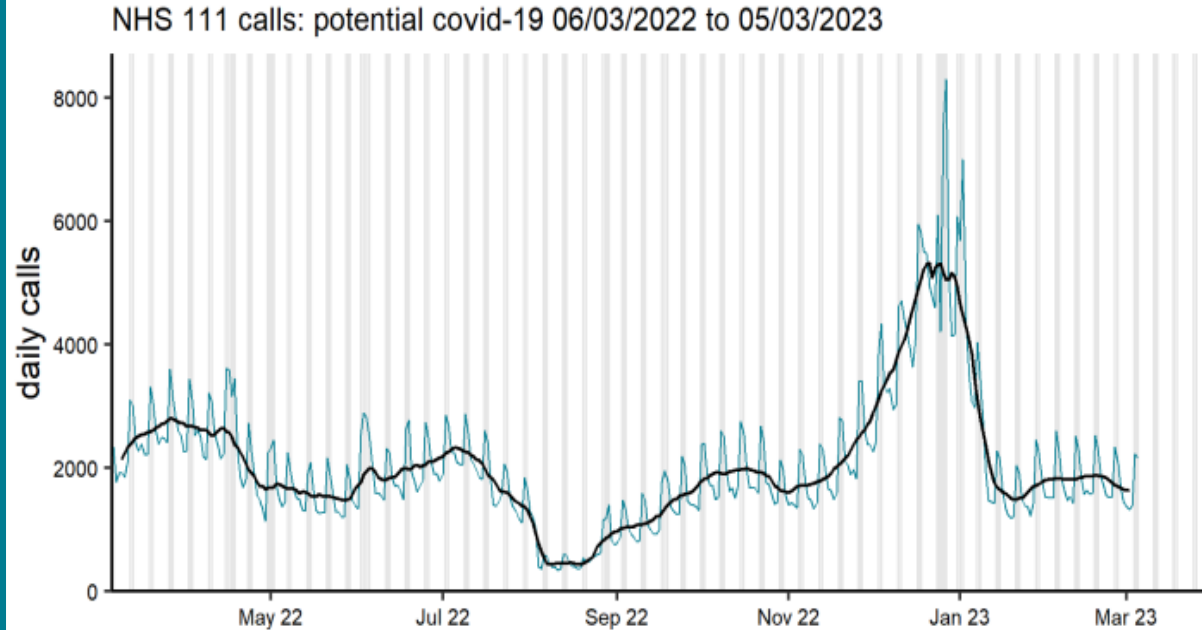


APPENDIX

Additional National Context

Daily Covid-19-like symptoms - NHS 111 Calls & Online, and Emergency Department Attendances

Data up to 05 March 2023



**Black line is the 7-day moving average adjusted for public holidays.
Grey columns show weekends and public holidays**

Daily NHS 111 call and NHS 111 online assessment data are analysed and reported here, to identify and describe trends for a variety of syndromic indicators:

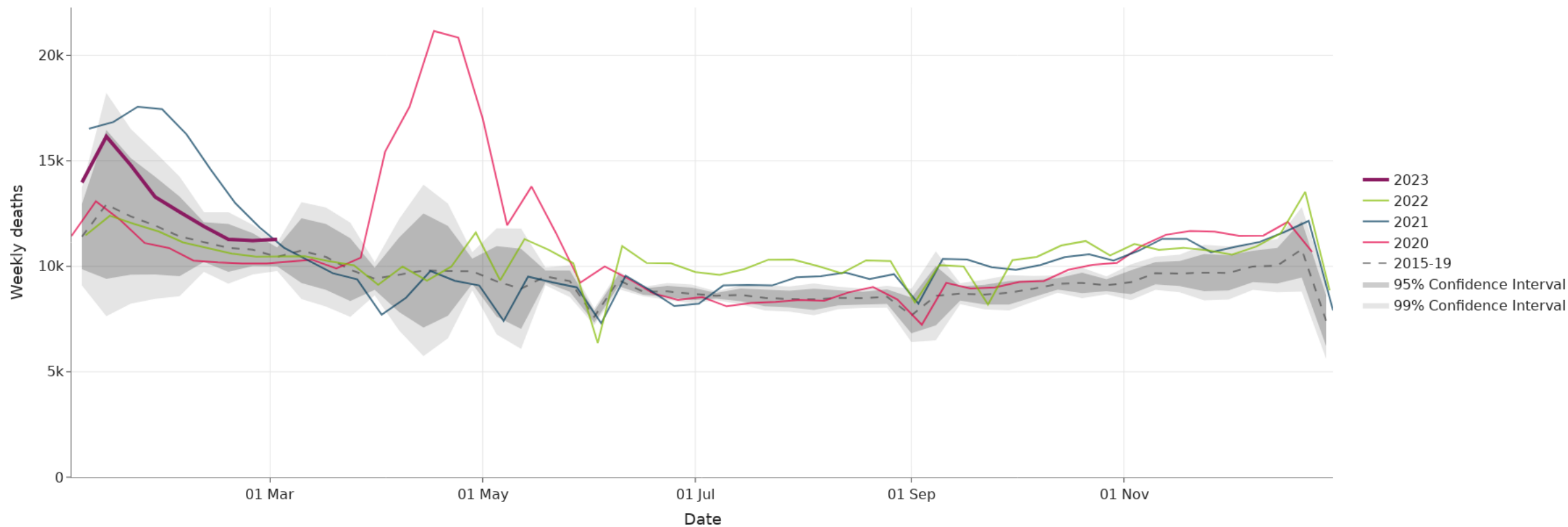
- the potential COVID-19 syndromic indicator is based on the outcome (known as the Disposition), rather than the Pathway

Daily Emergency Department Syndromic Surveillance System (EDSSS) data are analysed and reported here, to identify and describe trends for a variety of syndromic indicators:

- syndromic indicators are based on:
 - the primary diagnosis for each attendance
 - other diagnoses may be recorded, but are not used for indicator grouping
 - Diagnoses may be based on signs/symptoms and may not be laboratory confirmed

Weekly registered deaths in England comparison to pre-COVID. Excess deaths (all causes)

Data from 01 January 2015 to 03 March 2023



Note: This graph shows weekly deaths in England, comparing the 5-year COVID-free average (2015-2019 inclusive) with current counts. The shaded region shows the 95% and 99% confidence interval of the 5-year average derived from the standard deviation. Data shows weekly figures by date of reporting, the regular dip in deaths in the last two weeks of December is due to a reporting lag over the holiday period. Does not include deaths of those resident outside England or those records where the place of residence is either missing or not yet fully coded. For this reason counts for 'Deaths by Region of usual residence' may not sum to the totals presented in other tables.

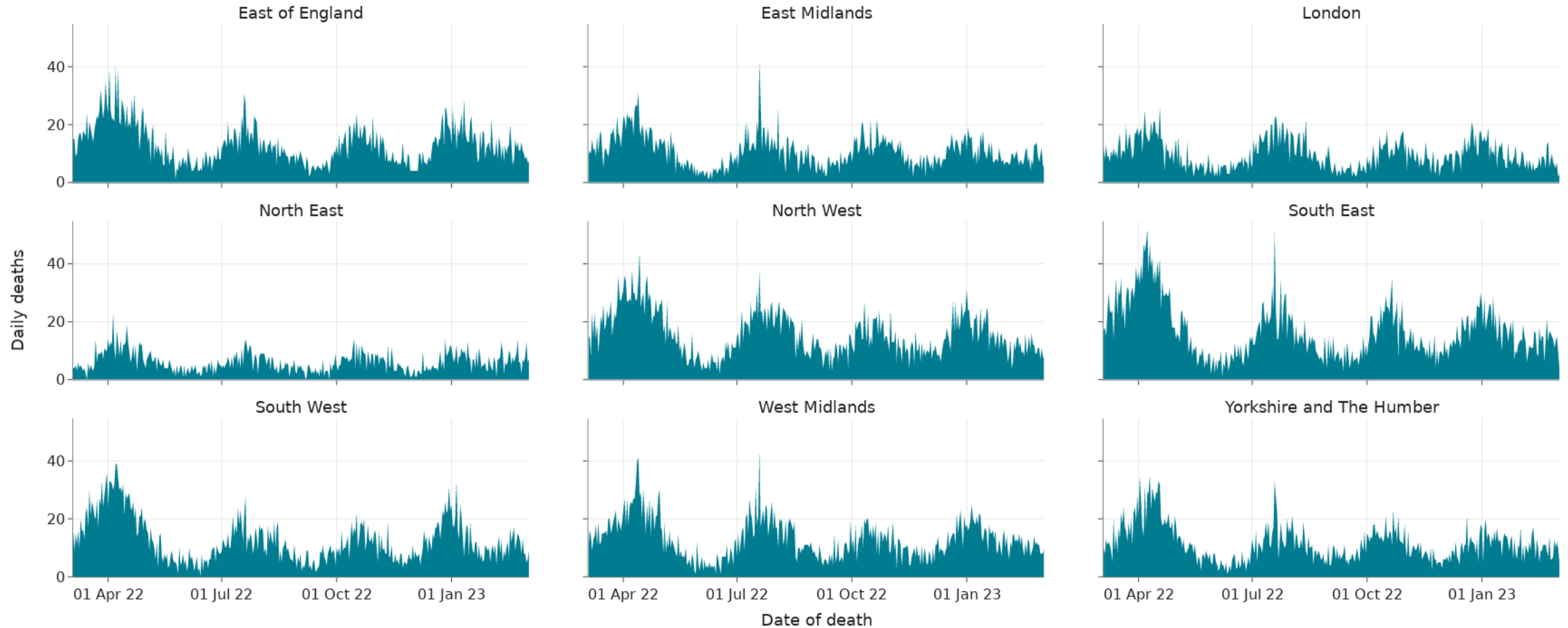
Mortality

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Daily deaths within 28 days of first positive specimen by region

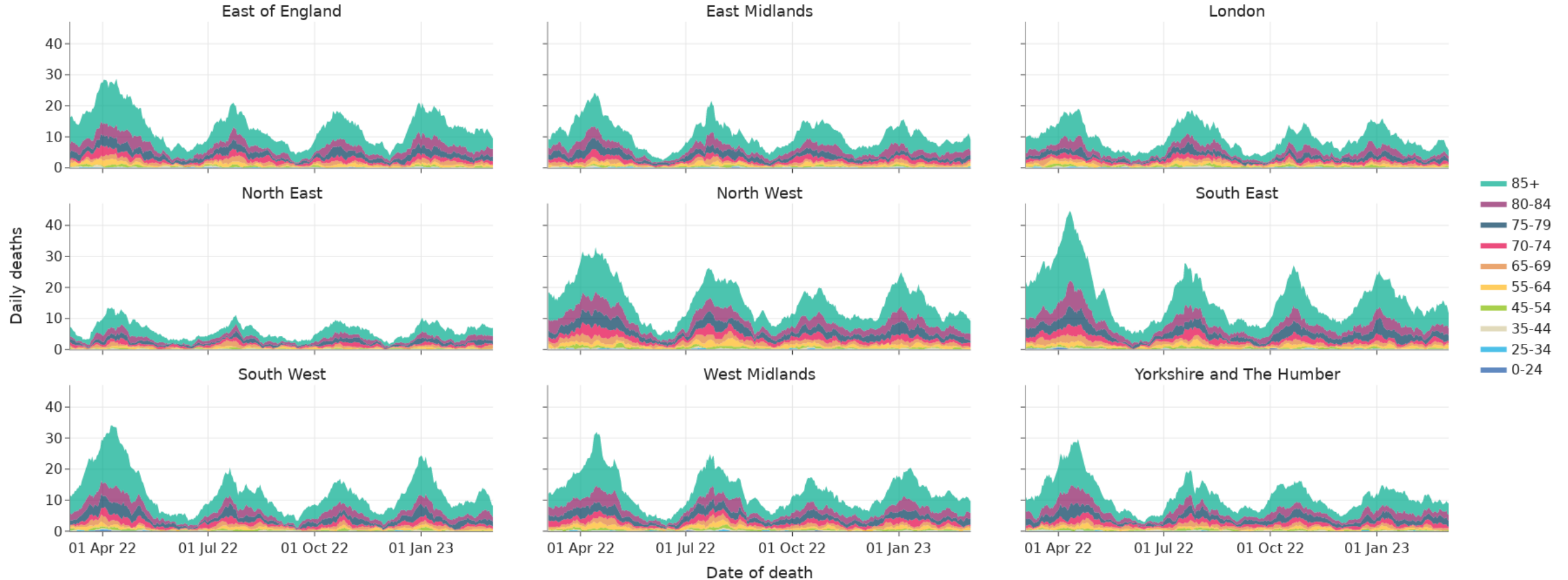
Data from 04 March 2022 to 04 March 2023



Note: Data on Covid-19 associated deaths in England produced by UK Health Security Agency (UKHSA) from multiple sources linked to confirmed death data. Deaths newly reported day cover the 24 hours up to the previous day.

Daily deaths within 28 days of first positive specimen by region and age band

Data from 04 March 2022 to 04 March 2023

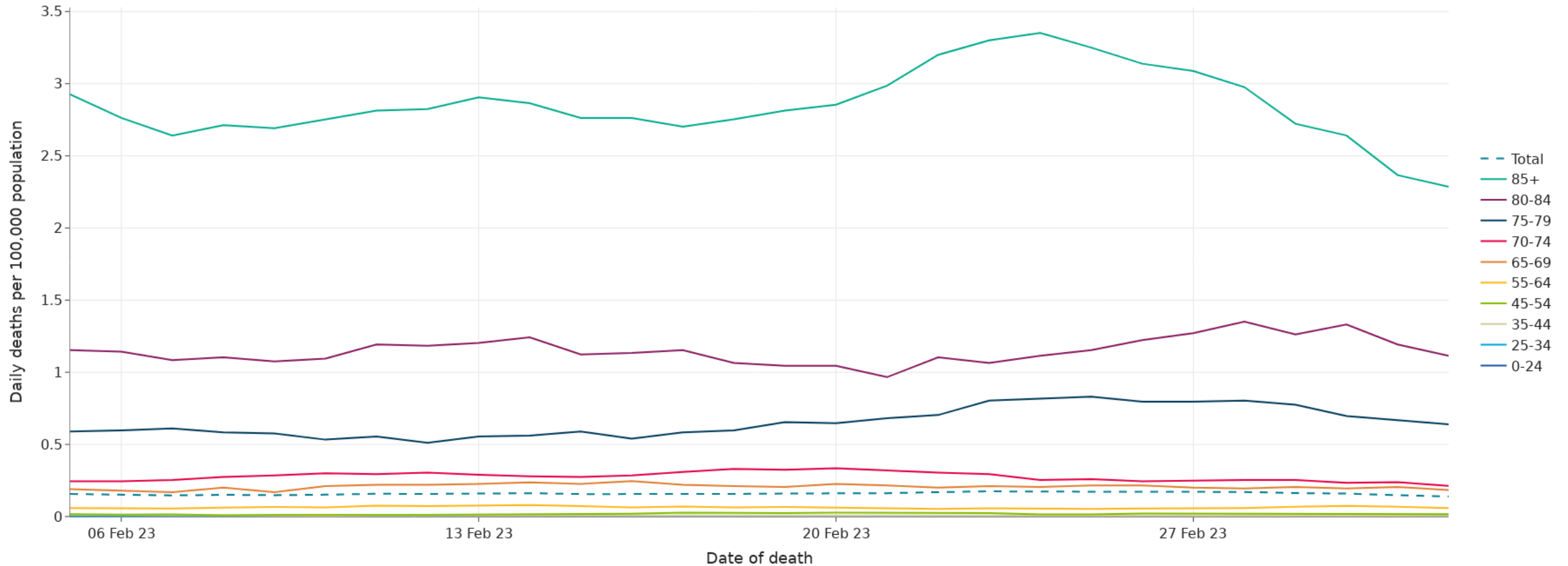


Note: Values are 7 day averages.

Note: Data on Covid-19 associated deaths in England produced by UK Health Security Agency (UKHSA) from multiple sources linked to confirmed death data. Deaths newly reported day cover the 24 hours up to the previous day.

Daily deaths within 28 days of first positive specimen per 100,000 population by age

Data from 05 February 2023 to 04 March 2023

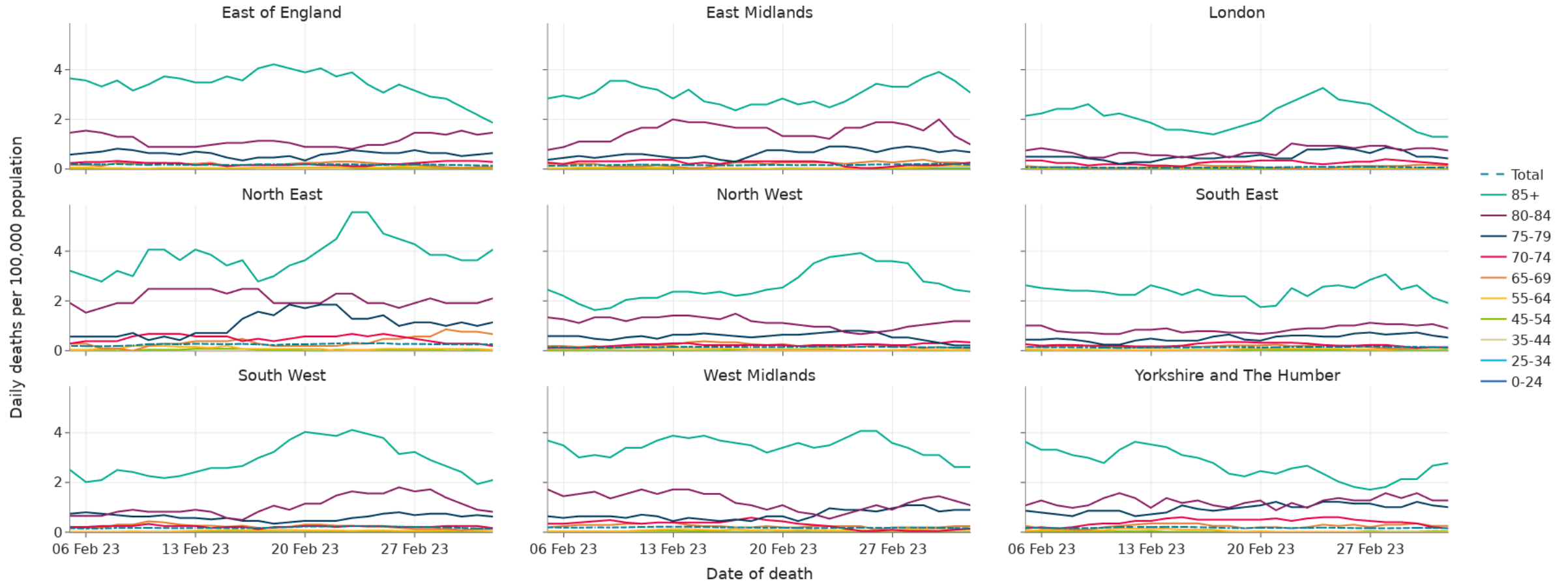


Note: Values are 7 day averages.

Note: Data on Covid-19 associated deaths in England produced by UK Health Security Agency (UKHSA) from multiple sources linked to confirmed death data. Deaths newly reported day cover the 24 hours up to the previous day.

Daily deaths within 28 days of first positive specimen per 100,000 population by region and age

Data from 05 February 2023 to 04 March 2023



Note: Values are 7 day averages.

Note: Data on Covid-19 associated deaths in England produced by UK Health Security Agency (UKHSA) from multiple sources linked to confirmed death data. Deaths newly reported day cover the 24 hours up to the previous day.

Data sources

Published reports

- National flu and COVID-19 surveillance reports
- Weekly Coronavirus Disease 2019 (COVID-19) Surveillance Report
- Monthly COVID-19: reported SARS-CoV-2 deaths in England
- ONS - Coronavirus (COVID-19) Infection Survey, UK