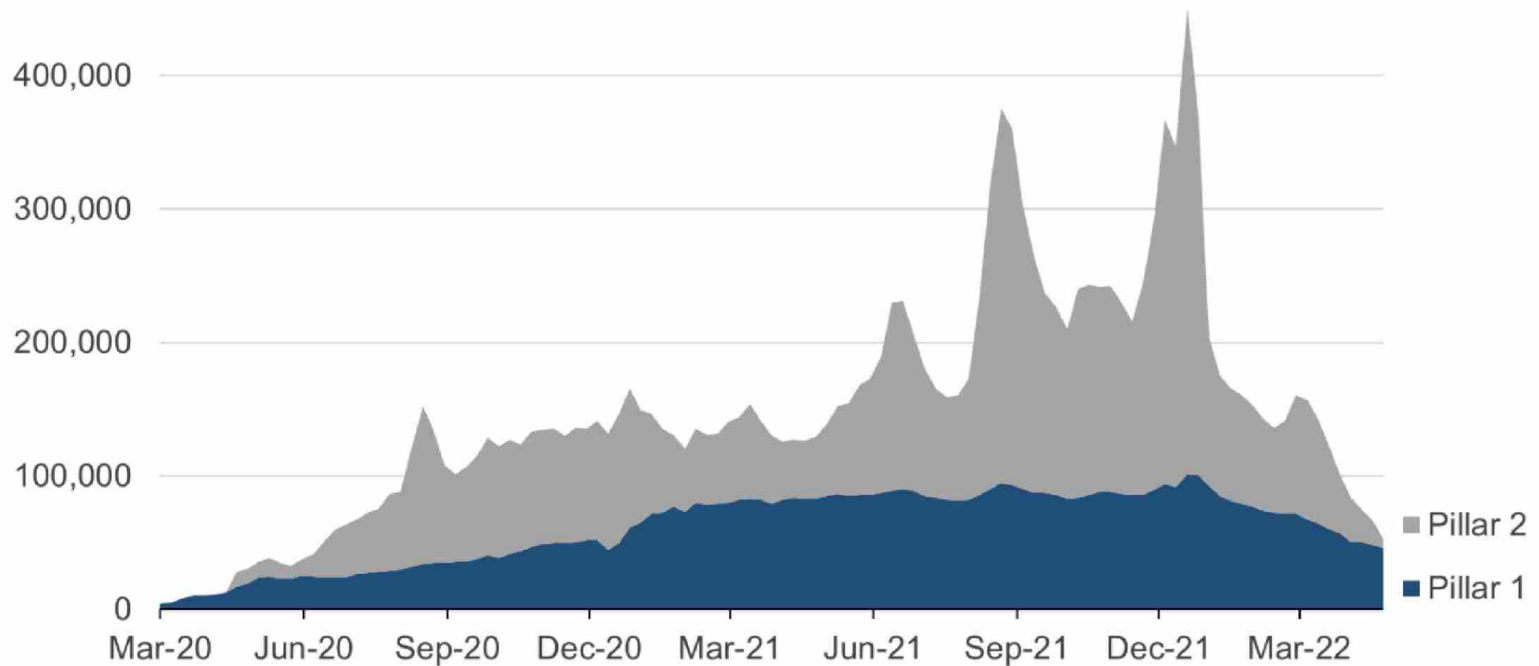




Testing

Weekly PCR tests reported

Scotland, March 2020 to April 2022



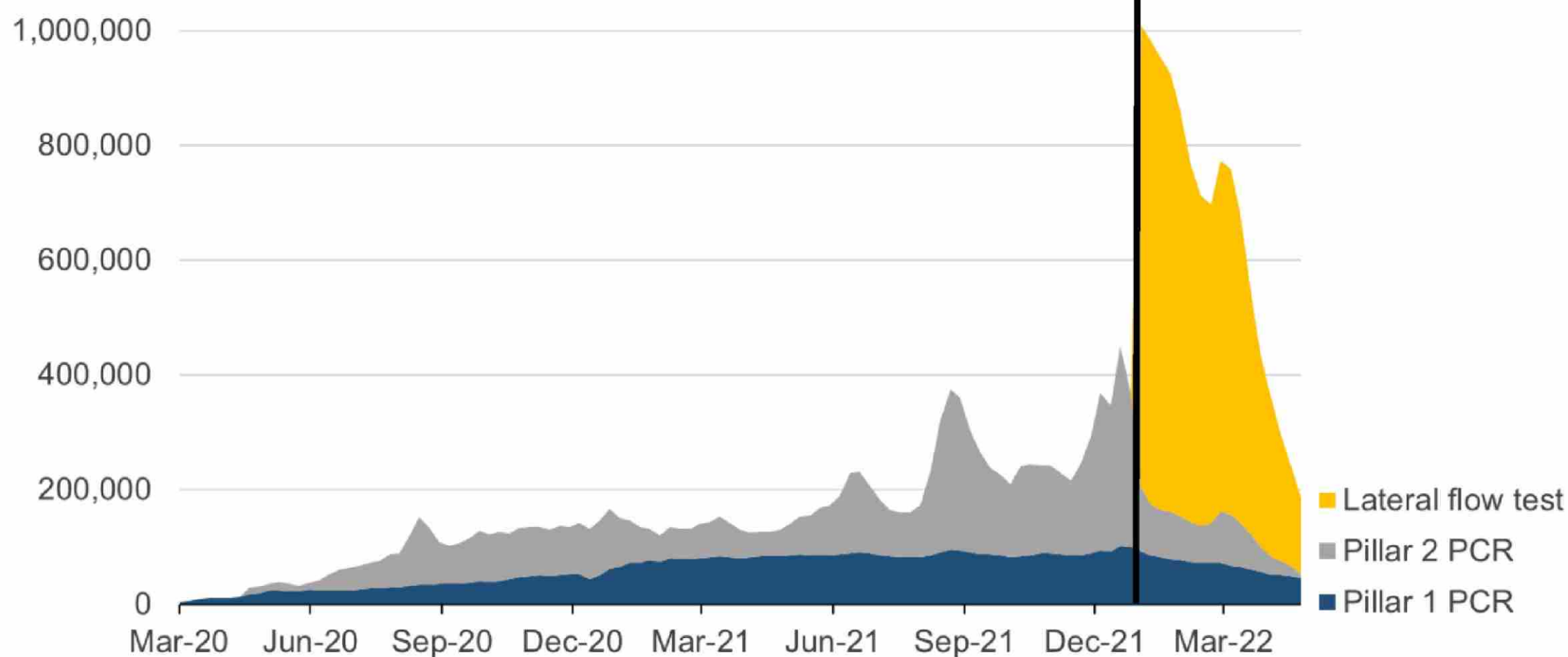
Source: Public Health Scotland open data

INQ000274150_0002

Weekly PCR and lateral flow tests reported

Scotland, March 2020 to April 2022

From Jan 2022 positive lateral flow tests no longer required a confirmatory PCR test.
From this point lateral flow tests are included in PHS's published data.



Source: Public Health Scotland open data

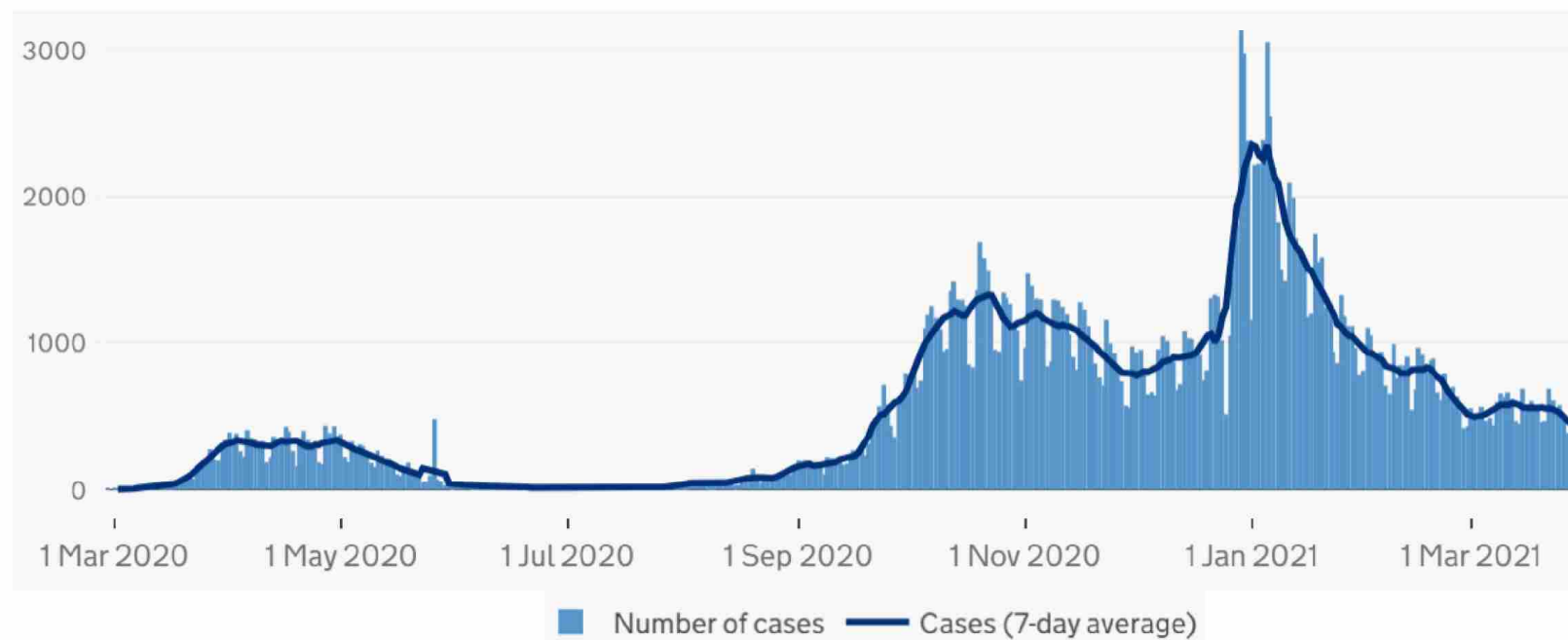
INQ000274150_0003



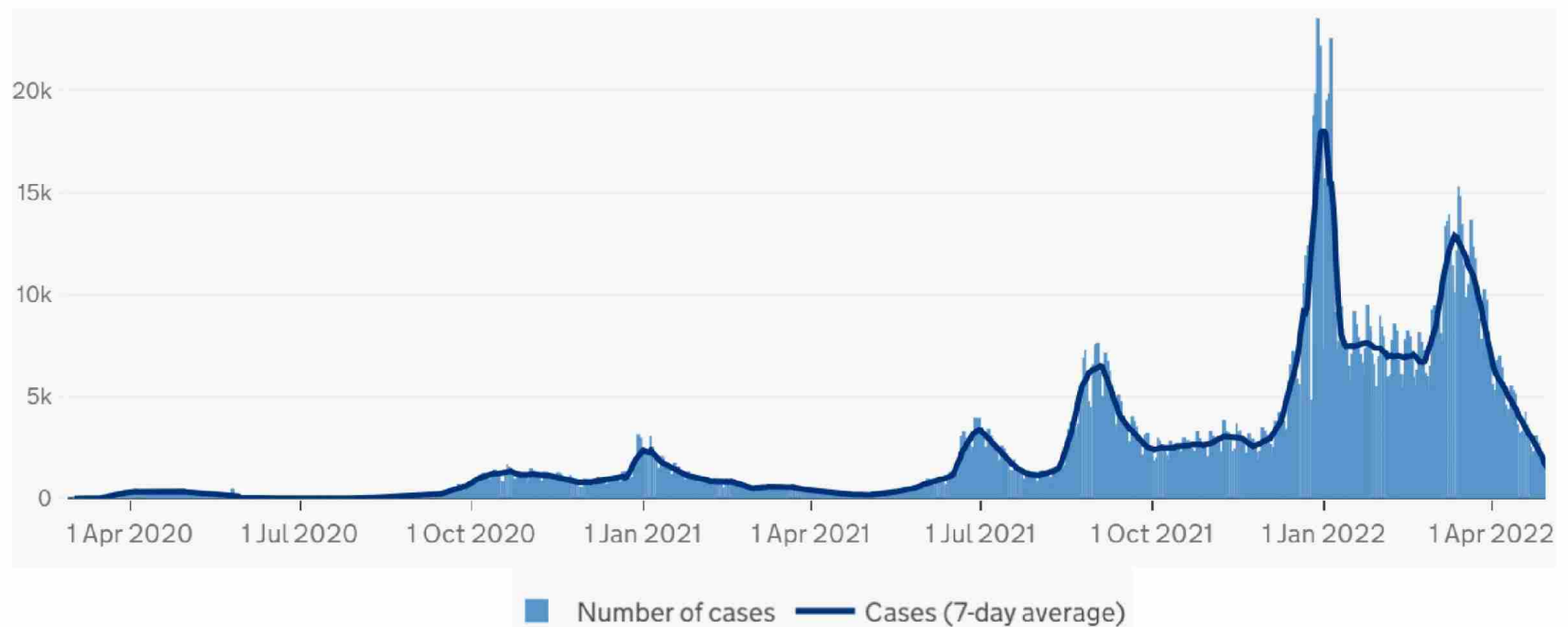
Infections

Daily number of reported Covid-19 cases, by specimen date

Scotland, March 2020 to **April 2021**

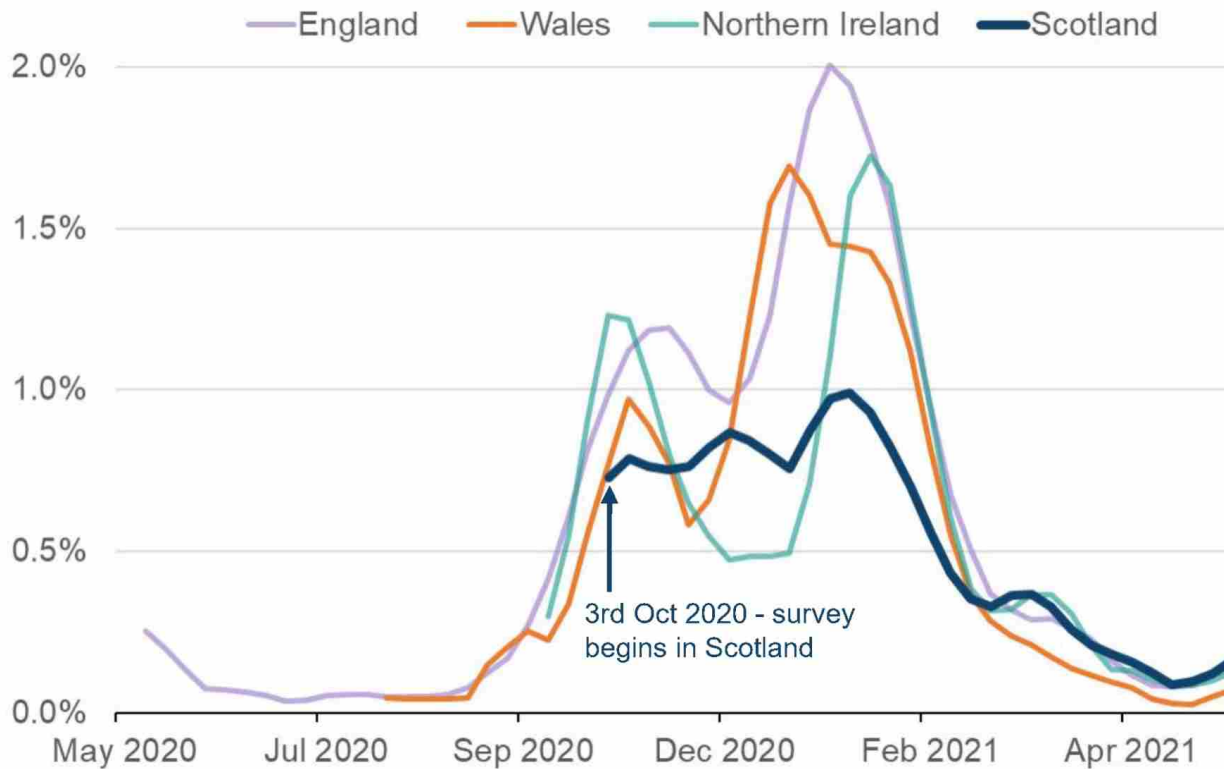


Daily number of reported Covid-19 cases, by specimen date Scotland, March 2020 to **April 2022**



Percentage of the UK population testing positive for Covid-19

ONS Covid Infection survey, 3-week moving average, May 2020 to **May 2021**

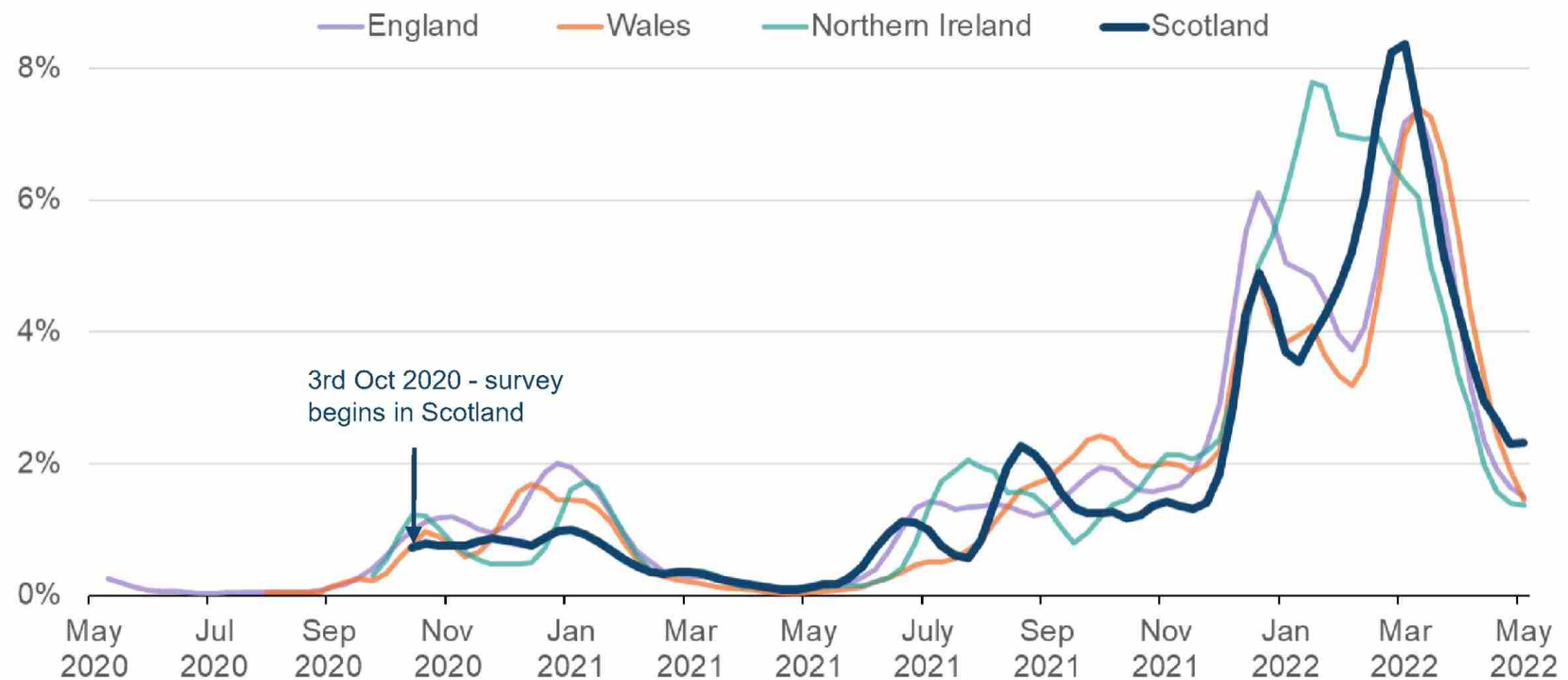


Source: Office for National Statistics

INQ000274150_0007

Percentage of the UK population testing positive for Covid-19

ONS Covid Infection survey, 3-week moving average, May 2020 to **May 2022**

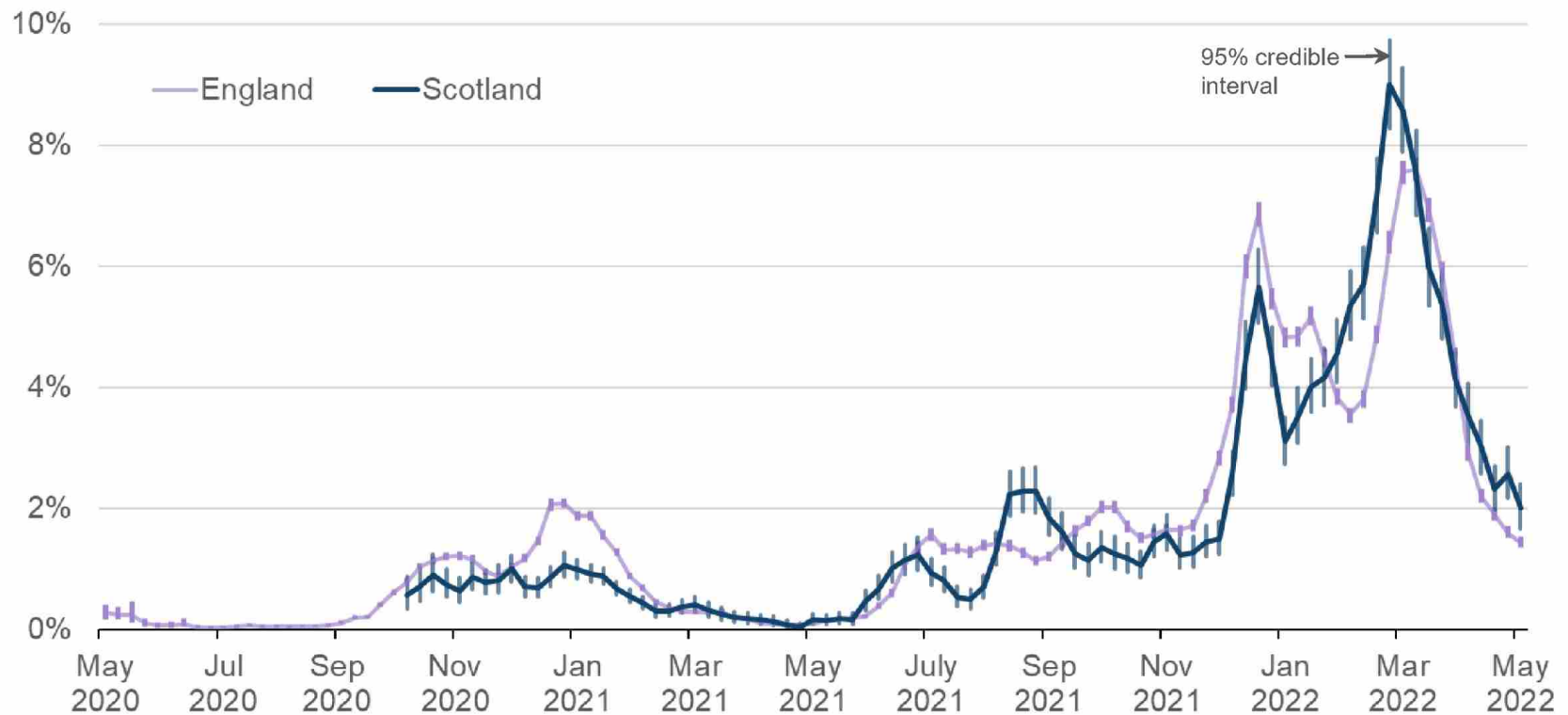


Source: Office for National Statistics

INQ000274150_0008

Percentage of the UK population testing positive for Covid-19

ONS Covid Infection survey, weekly estimates, May 2020 to **May 2022**

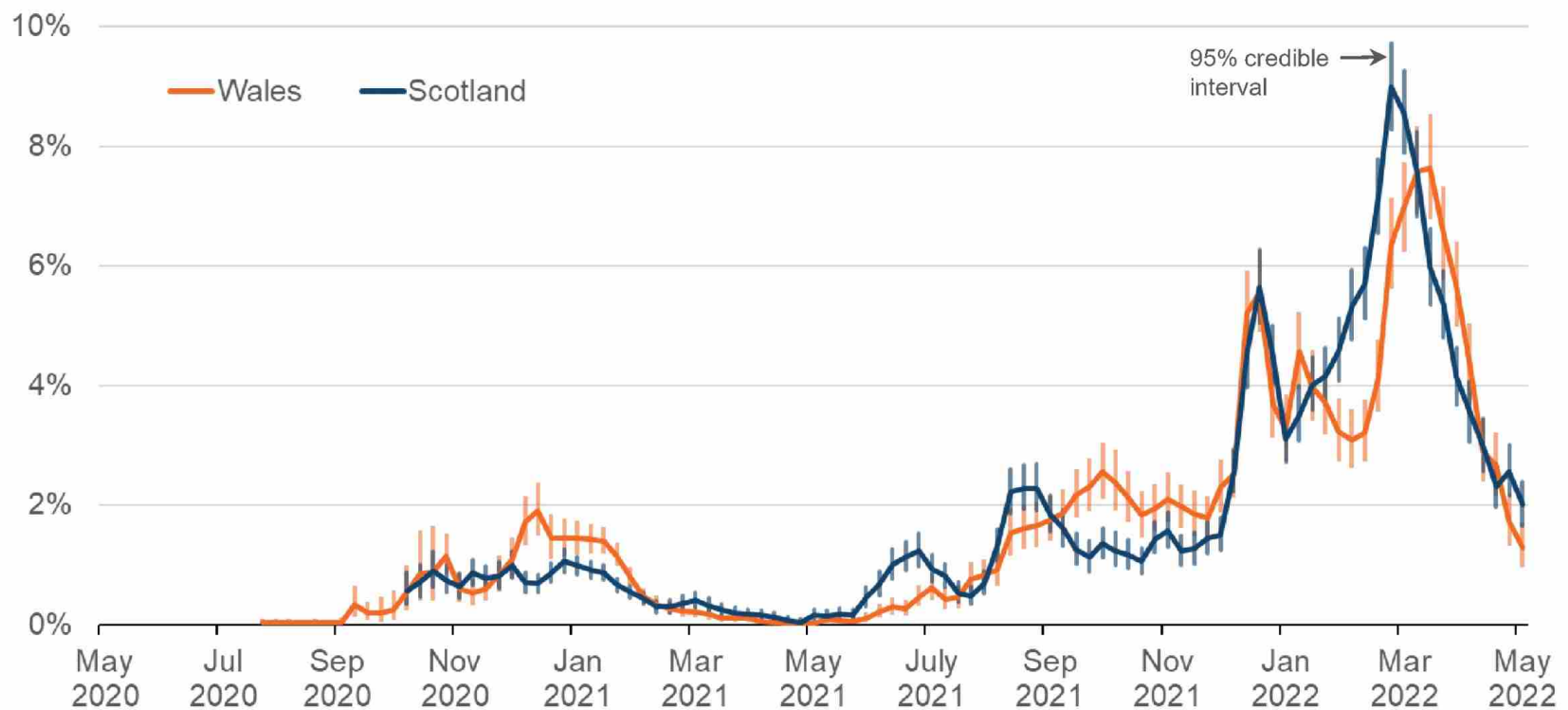


Source: Office for National Statistics

INQ000274150_0009

Percentage of the UK population testing positive for Covid-19

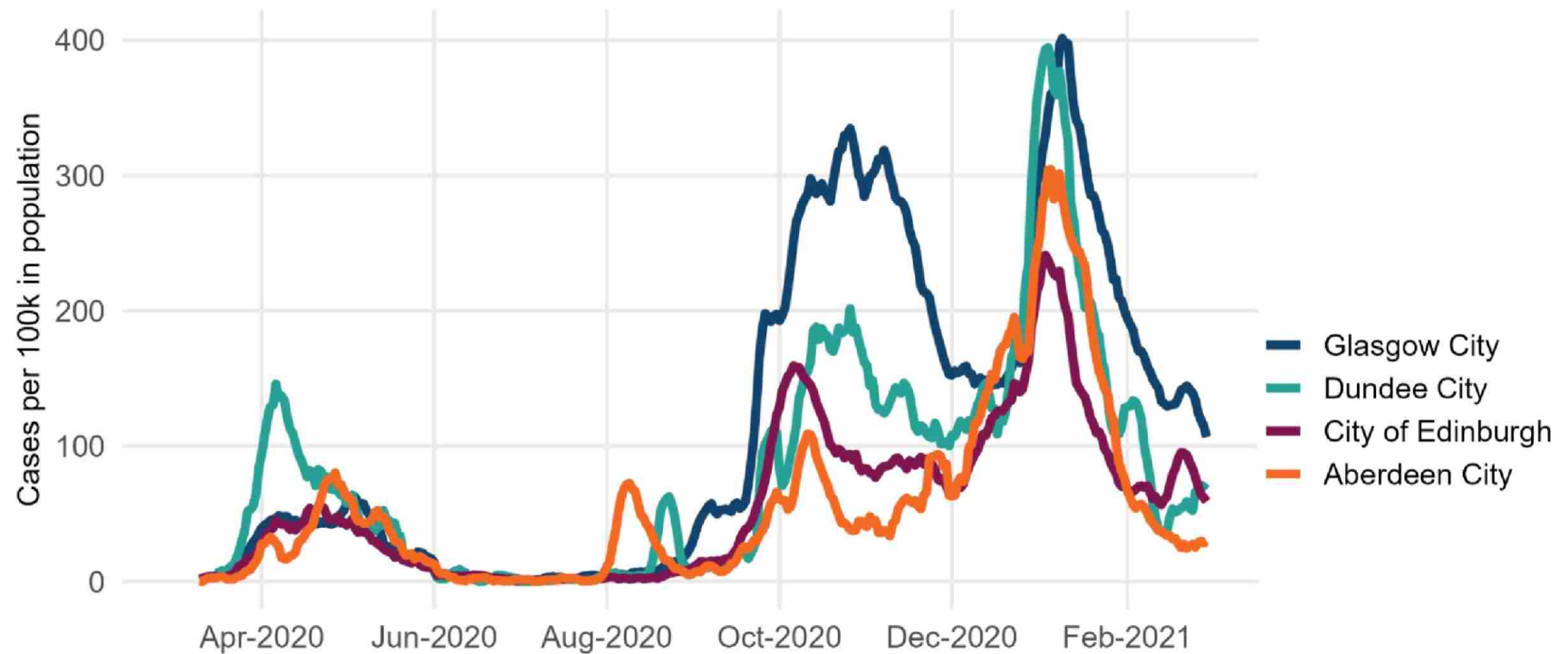
ONS Covid Infection survey, weekly estimates, May 2020 to **May 2022**



Source: Office for National Statistics

Reported Covid-19 cases, by specimen date

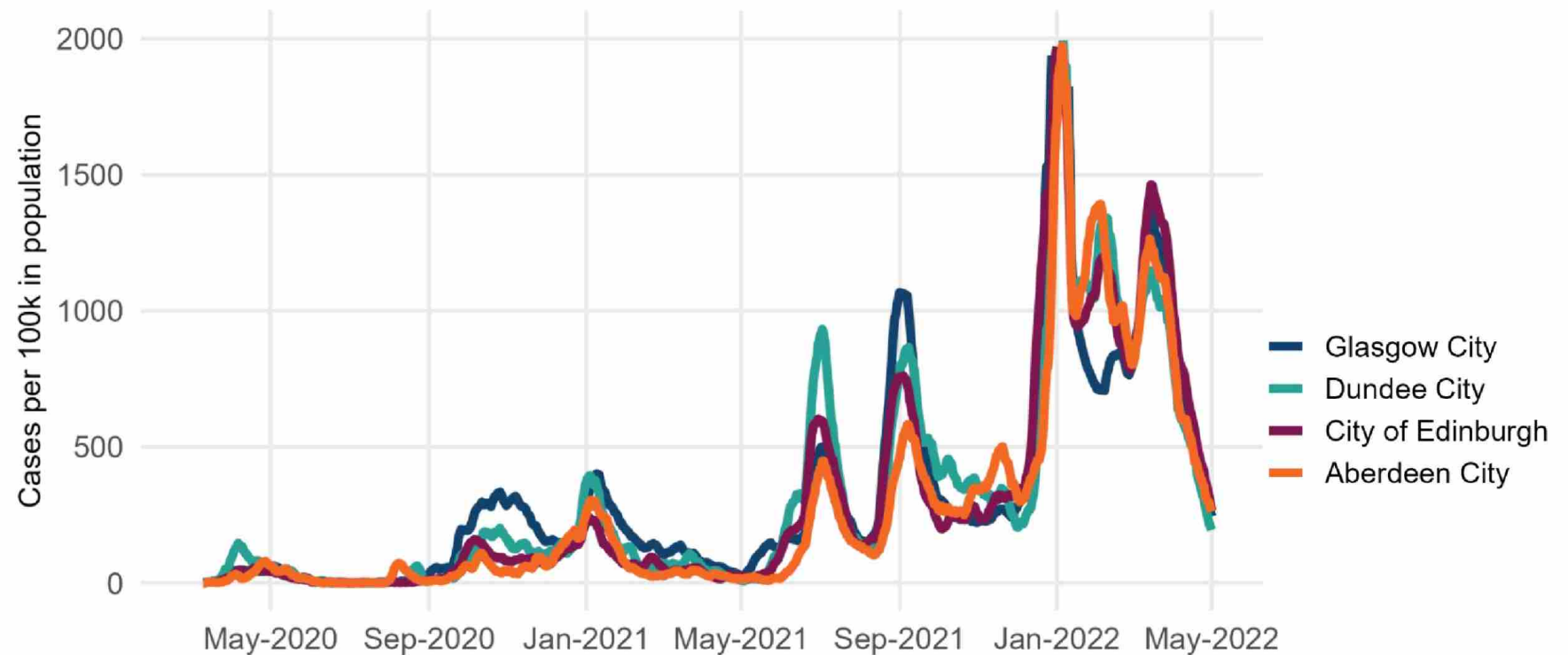
7-day rolling average of cases per 100k in population, Mar 2020 to **Mar 2021**



Source: UKHSA Covid dashboard

Reported Covid-19 cases, by specimen date

7-day rolling average of cases per 100k in population, Mar 2020 to **May 2022**



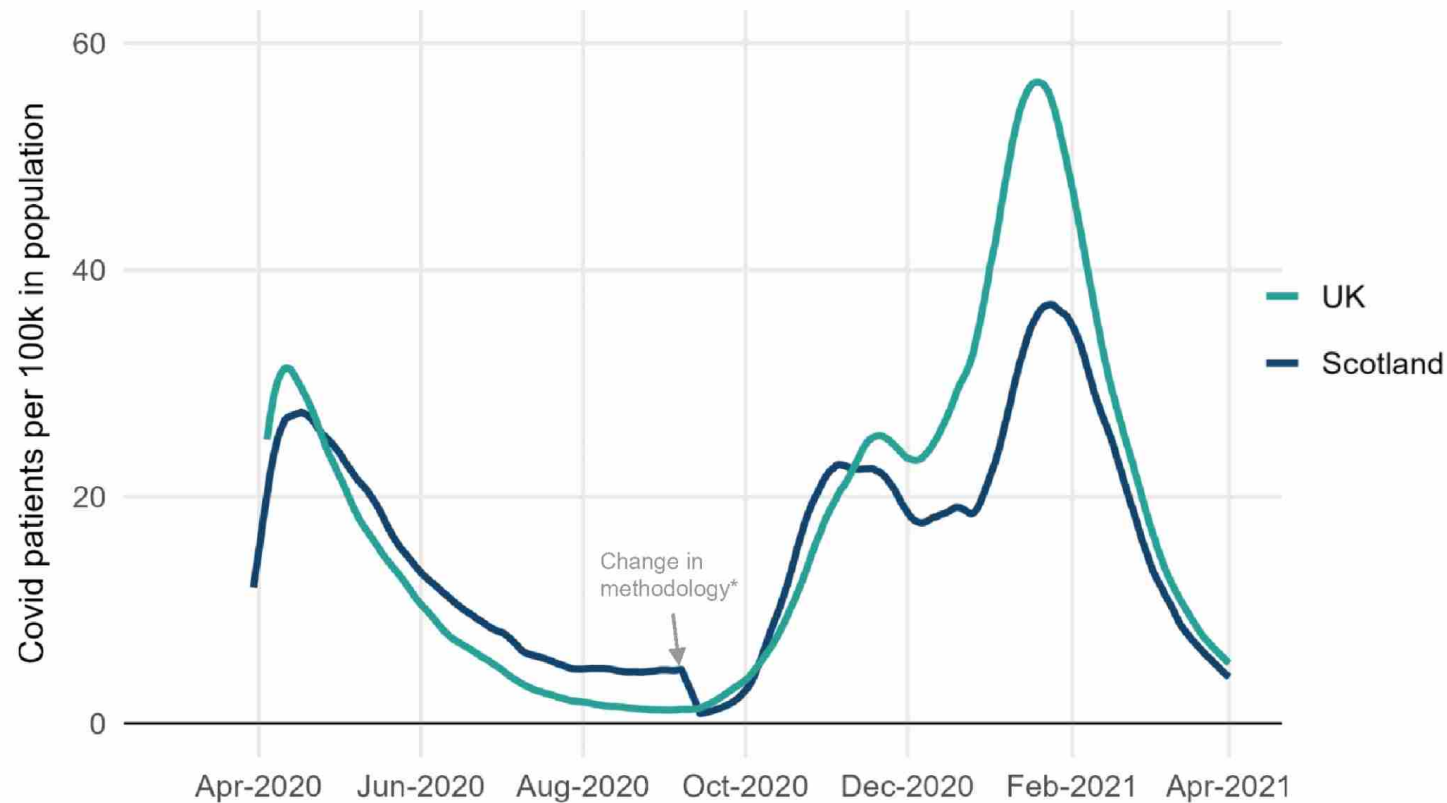
Source: UKHSA Covid dashboard



Hospitals

Per capita rates of Covid-19 patients in hospital

UK and Scotland, 7-day average, Mar 2020 to **Apr 2021**



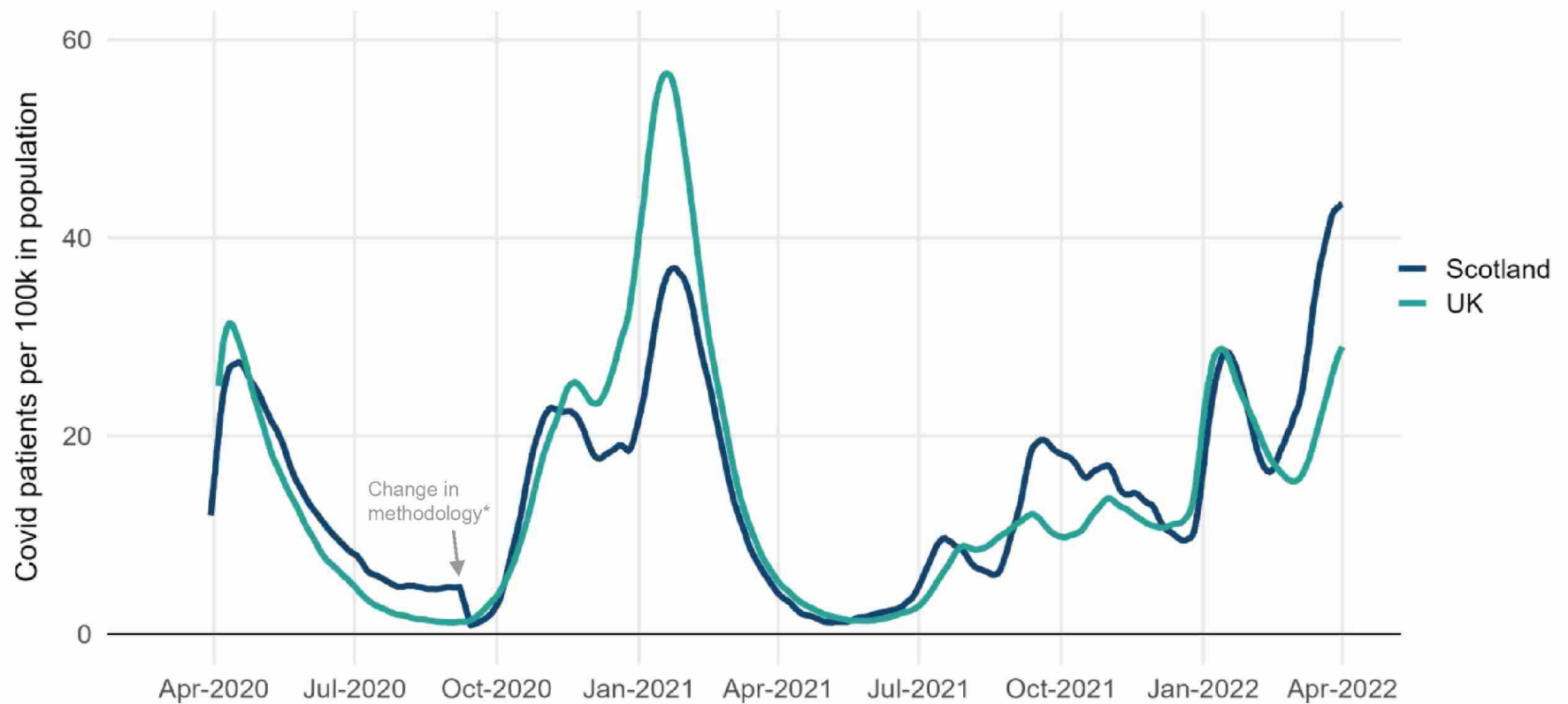
Source: UKHSA Covid dashboard

*In September 2020, the recording methodology changes in Scotland to exclude people who previously tested positive for Covid-19 but remain in hospital for another reason.

INQ000274150_0014

Per capita rates of Covid-19 patients in hospital

UK and Scotland, 7-day average, Mar 2020 to **Apr 2022**



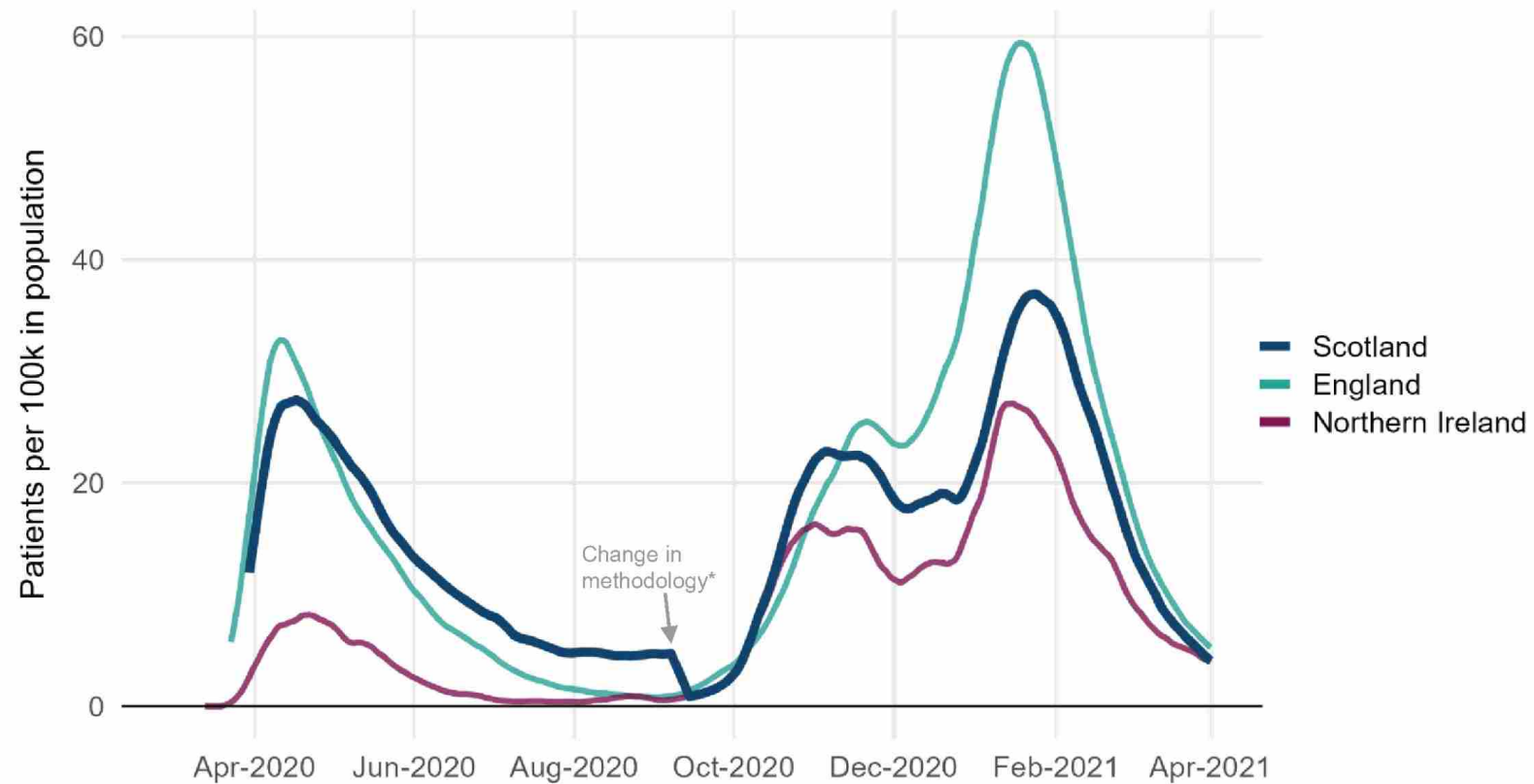
Source: UKHSA Covid dashboard

*In September 2020, the recording methodology changes in Scotland to exclude people who previously tested positive for Covid-19 but remain in hospital for another reason.

INQ000274150_0015

Per capita rates of Covid-19 patients in hospital

UK nations, 7-day average, Mar 2020 to **Apr 2021**

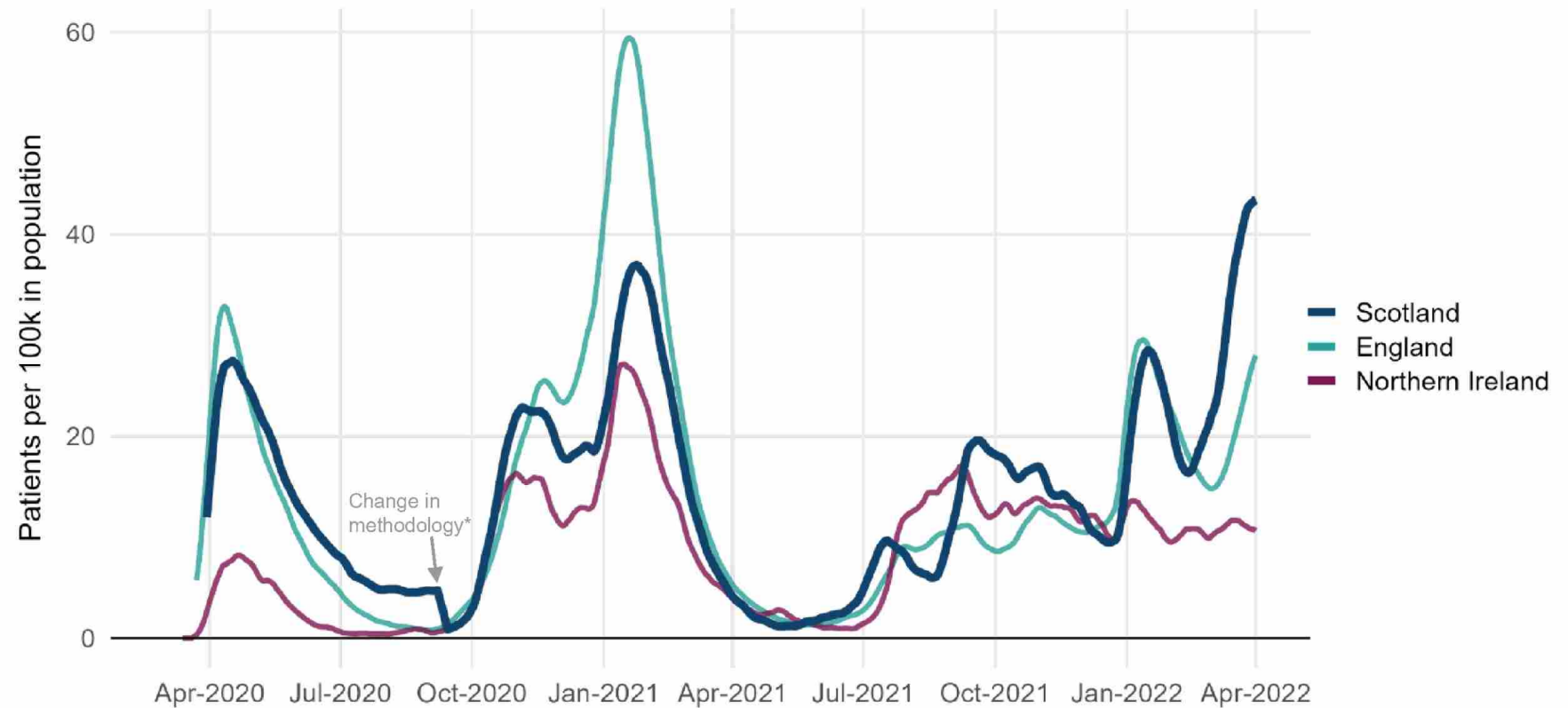


Source: UKHSA Covid dashboard

*In September 2020, the recording methodology changed in Scotland to exclude people who previously tested positive for Covid-19 but remain in hospital for another reason.

Per capita rates of Covid-19 patients in hospital

UK nations, 7-day average, Mar 2020 to **Apr 2022**



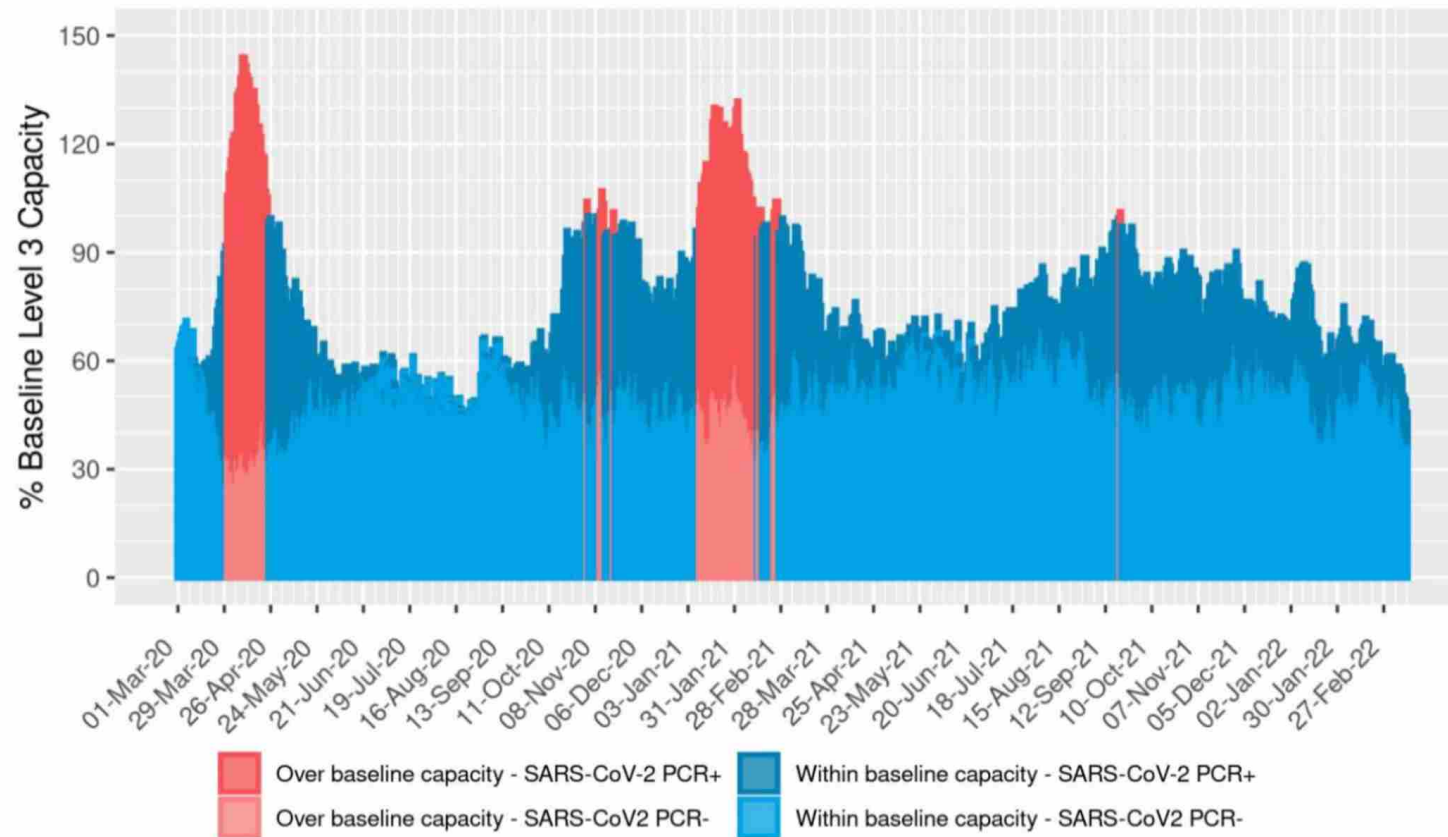
Source: UKHSA Covid dashboard

*In September 2020, the recording methodology changed in Scotland to exclude people who previously tested positive for Covid-19 but remain in hospital for another reason.

INQ000274150_0017

Patients receiving level 3 care, as a percentage of baseline capacity

Scotland, daily, Mar 2020 to Feb 22

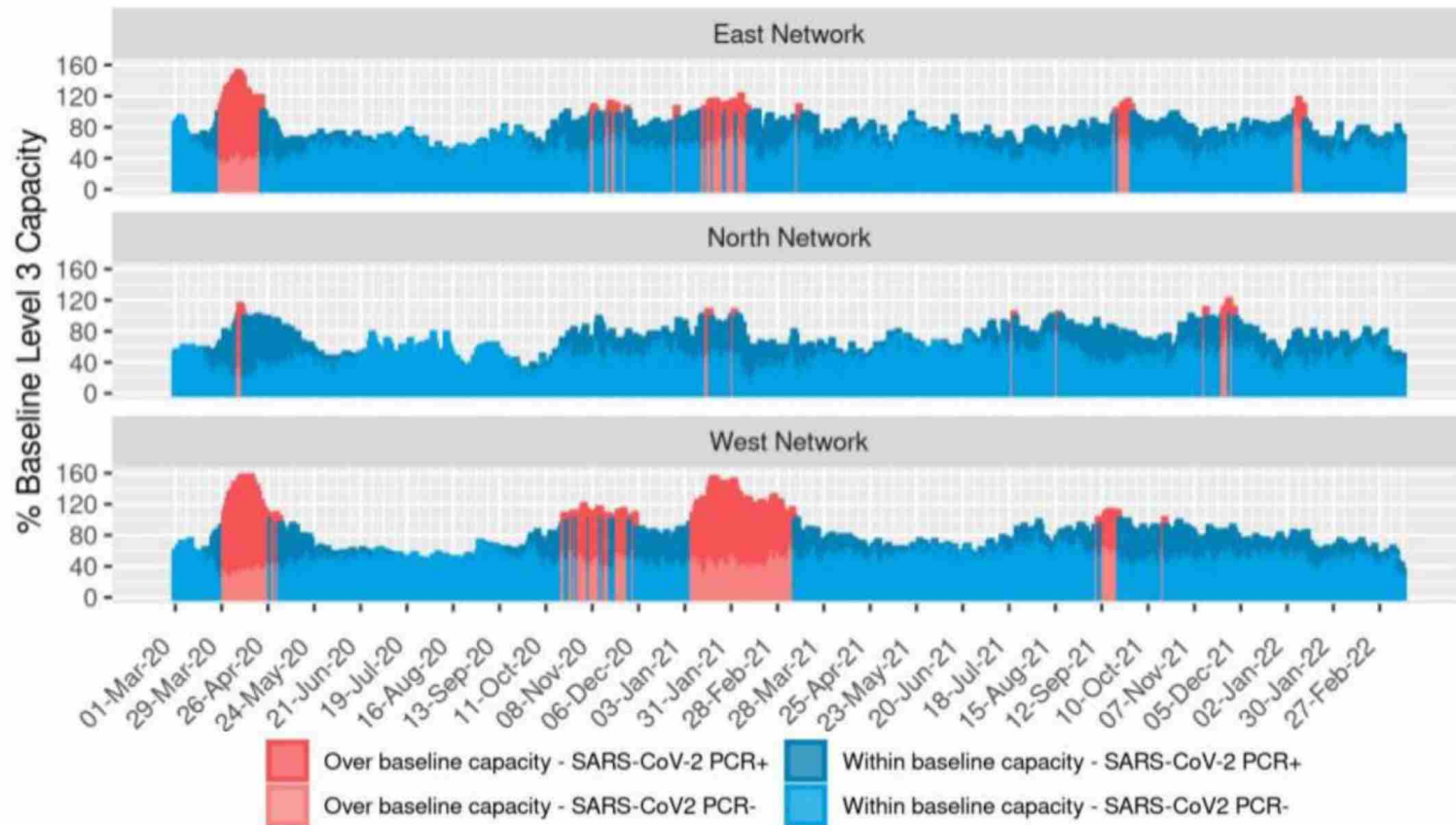


Source: Scottish Intensive Care Society Audit Group report

INQ000274150_0018

Patients receiving level 3 care, as a percentage of baseline capacity

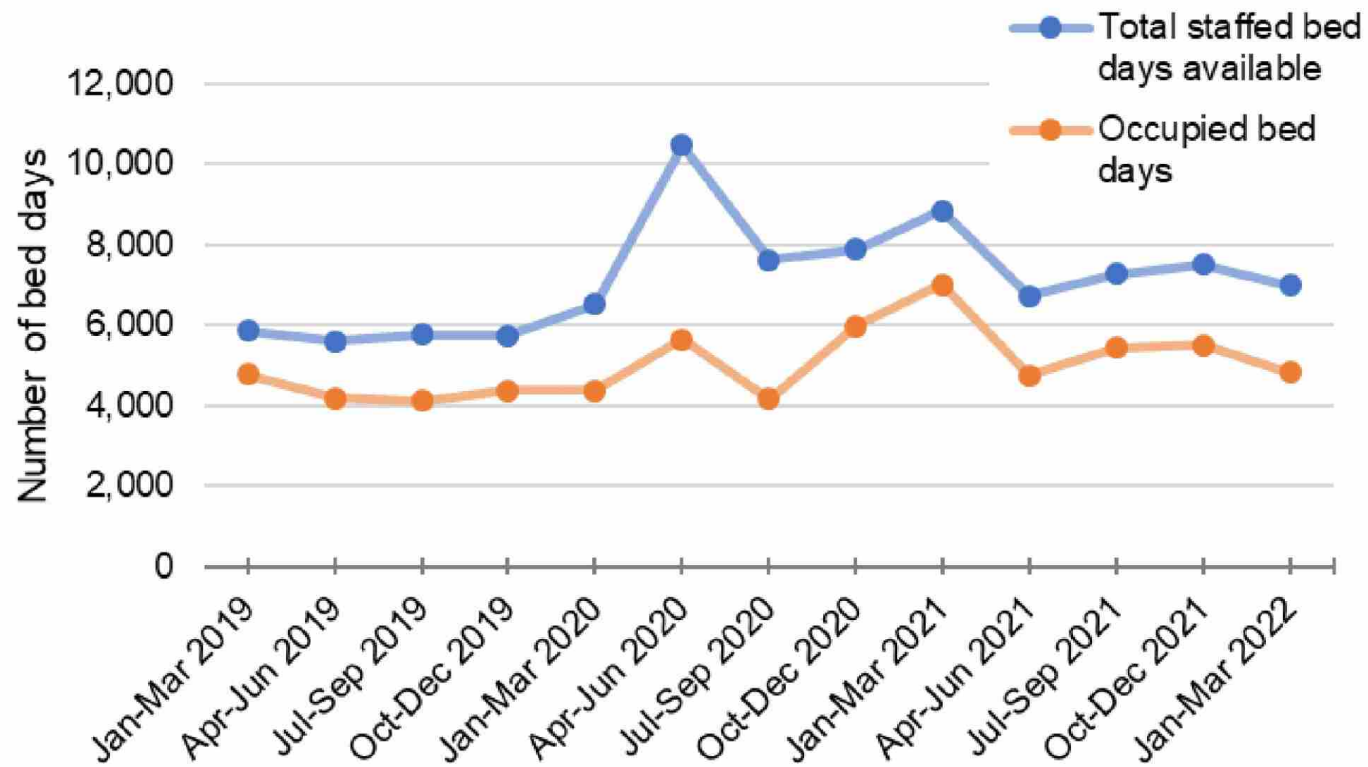
Scottish regional networks, daily, Mar 2020 to Feb 22



Source: Scottish Intensive Care Society Audit Group report

Intensive care bed availability and occupancy

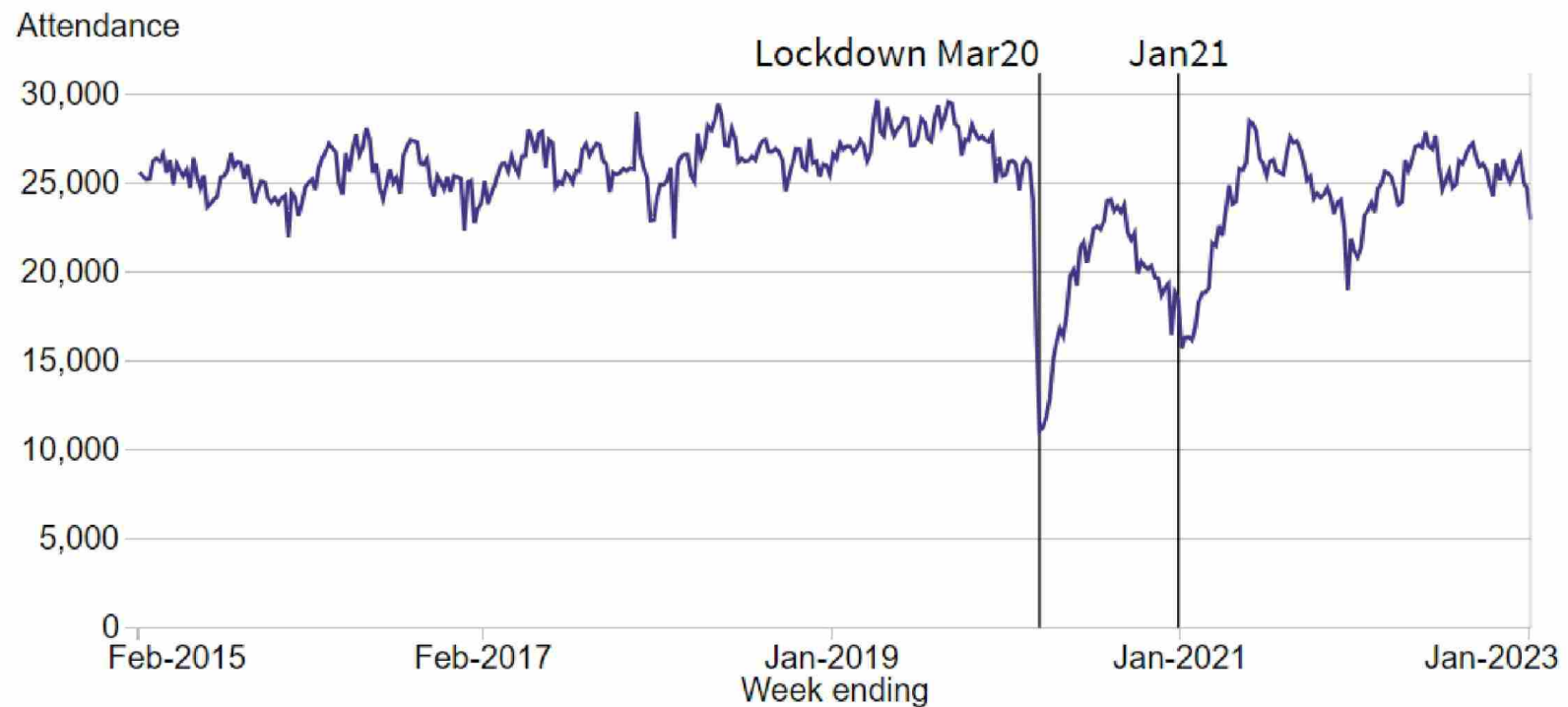
Scotland, quarterly, 2019 to 2022



Source: Public Health Scotland open data

All emergency department attendances

Scotland, weekly, 2015 to 2023

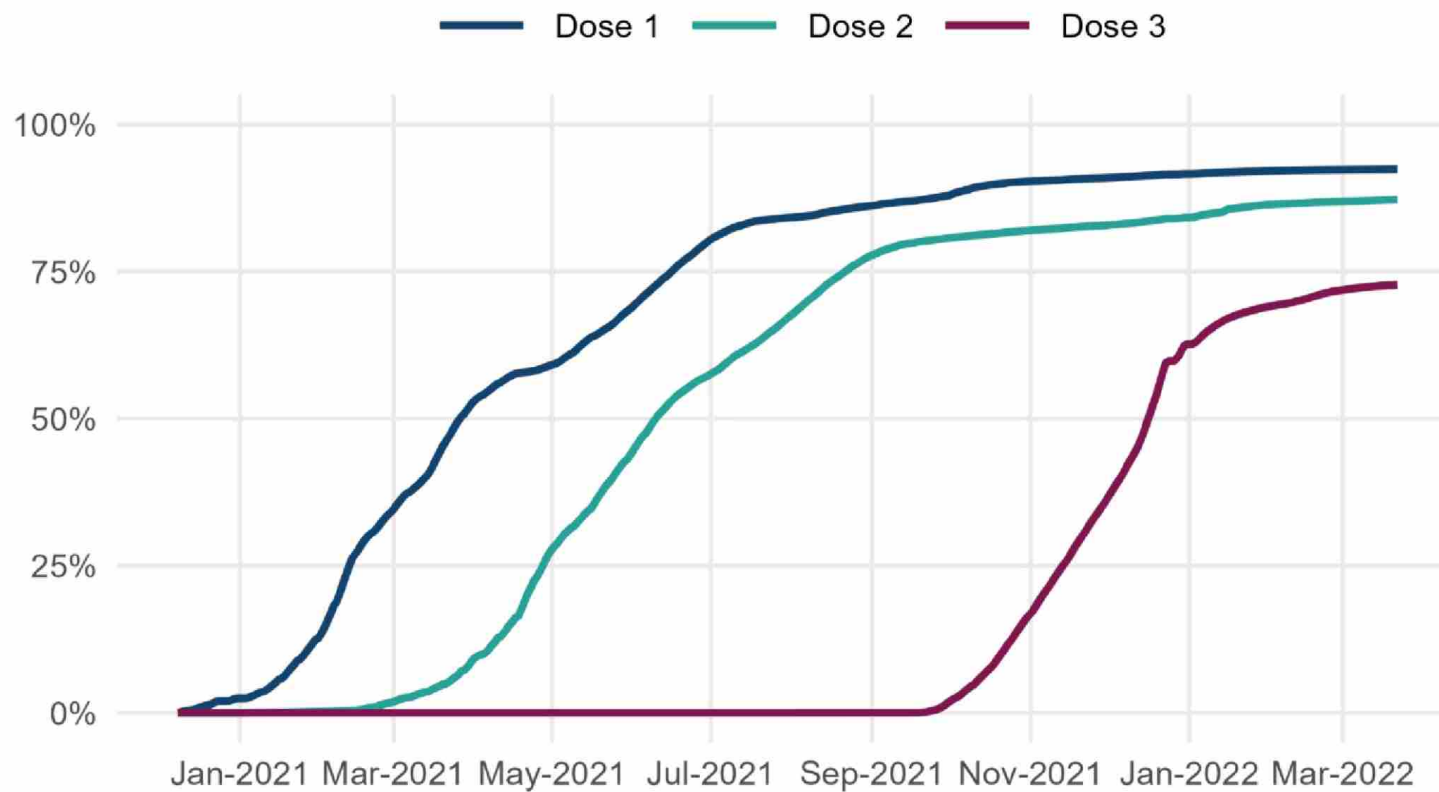


Source: Public Health Scotland publication



Vaccines

Cumulative vaccinations as a percentage of population, ages 12+ Scotland, daily, Jan 2021 to Apr 2022



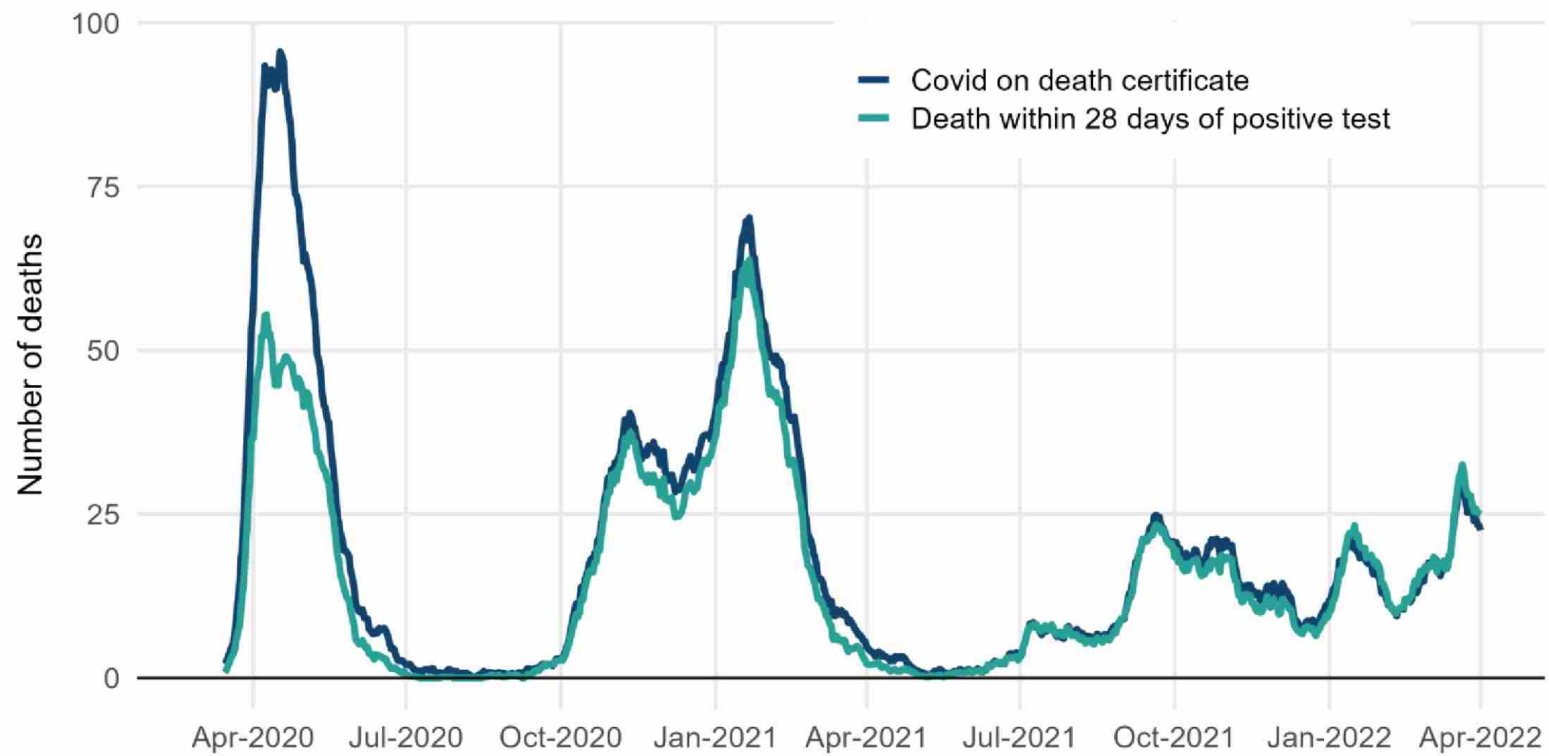
Source: Public Health Scotland open data



Mortality

Covid-19 deaths - death certificate vs 28 days of positive test

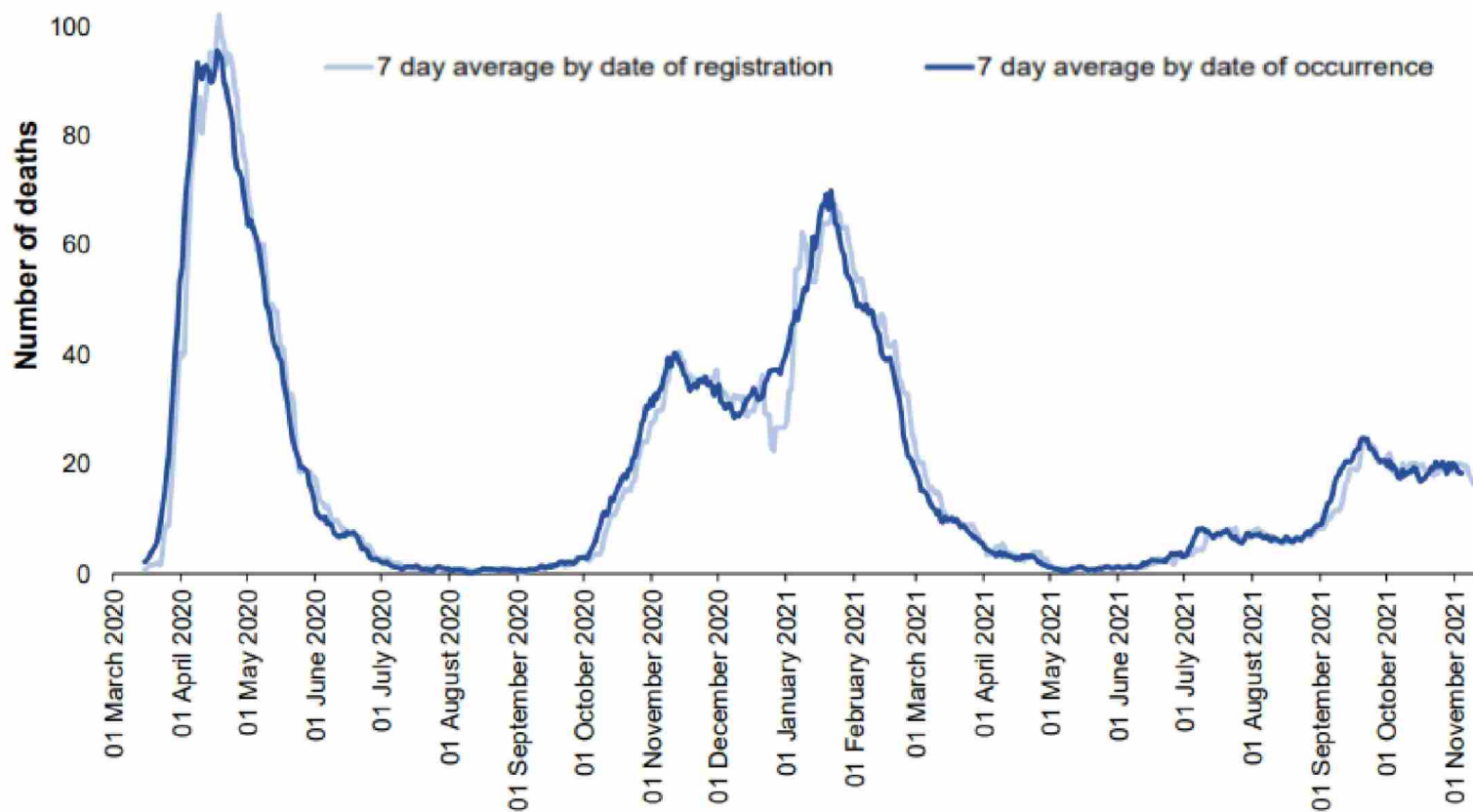
Scotland, 7-day average, date of death



Source: UKHSA Covid dashboard

Covid-19 on death certificates

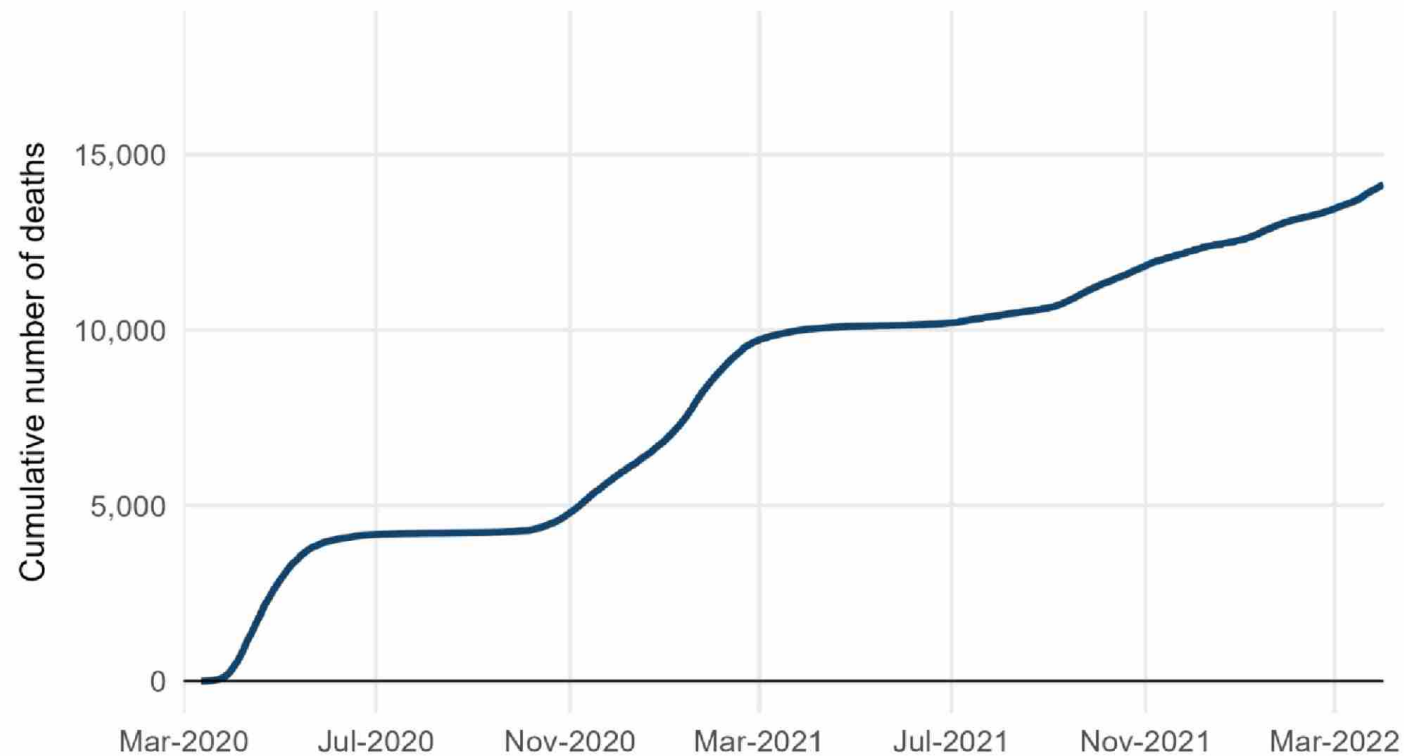
Scotland, 7-day average, date of death vs date of registration



Source: National Records of Scotland

Cumulative Covid-19 deaths

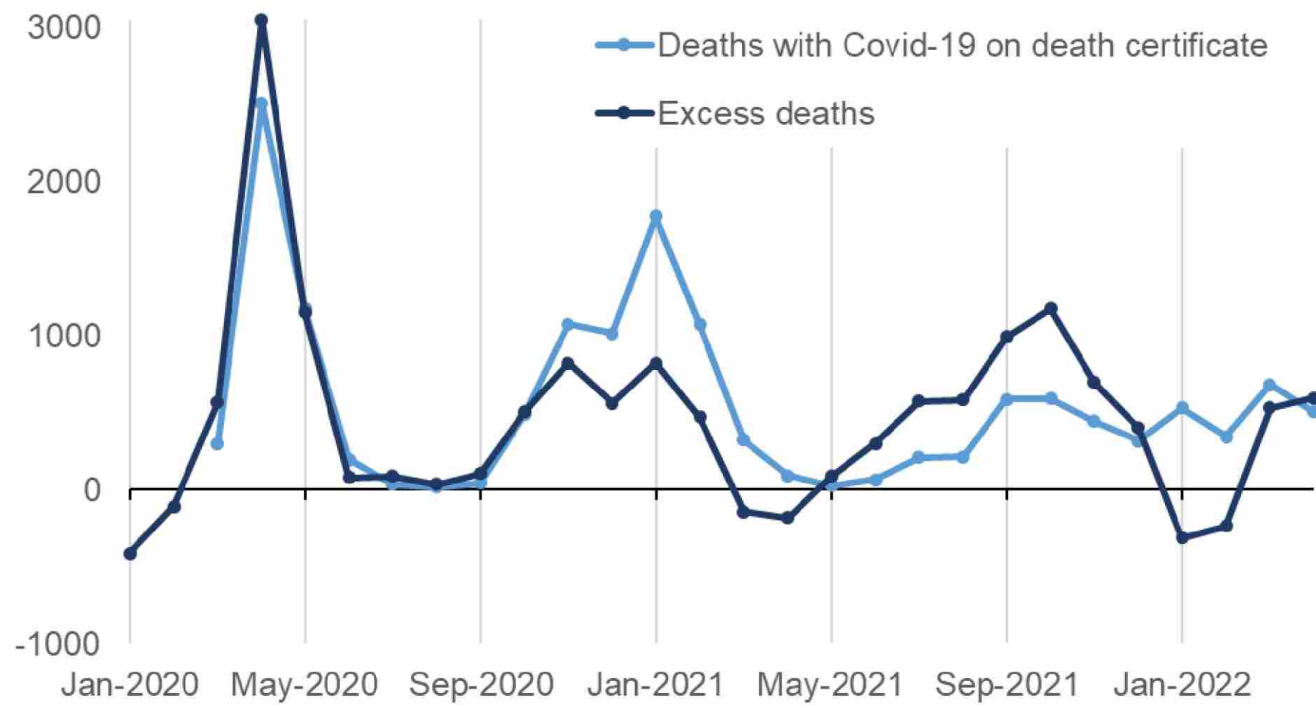
Scotland, Covid-19 on death certificate, by date of death



Source: UKHSA Covid dashboard

Covid-19 deaths and excess deaths

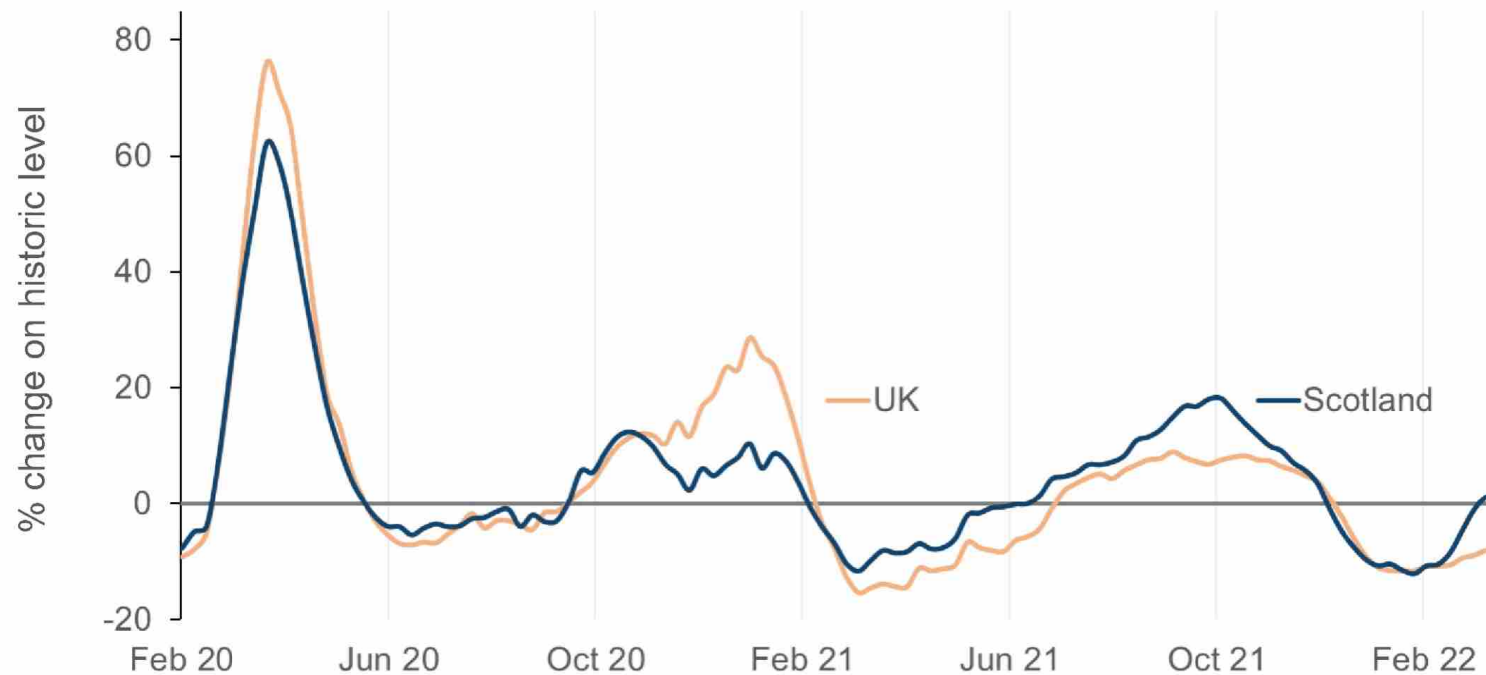
Scotland, monthly



Source: National Records of Scotland

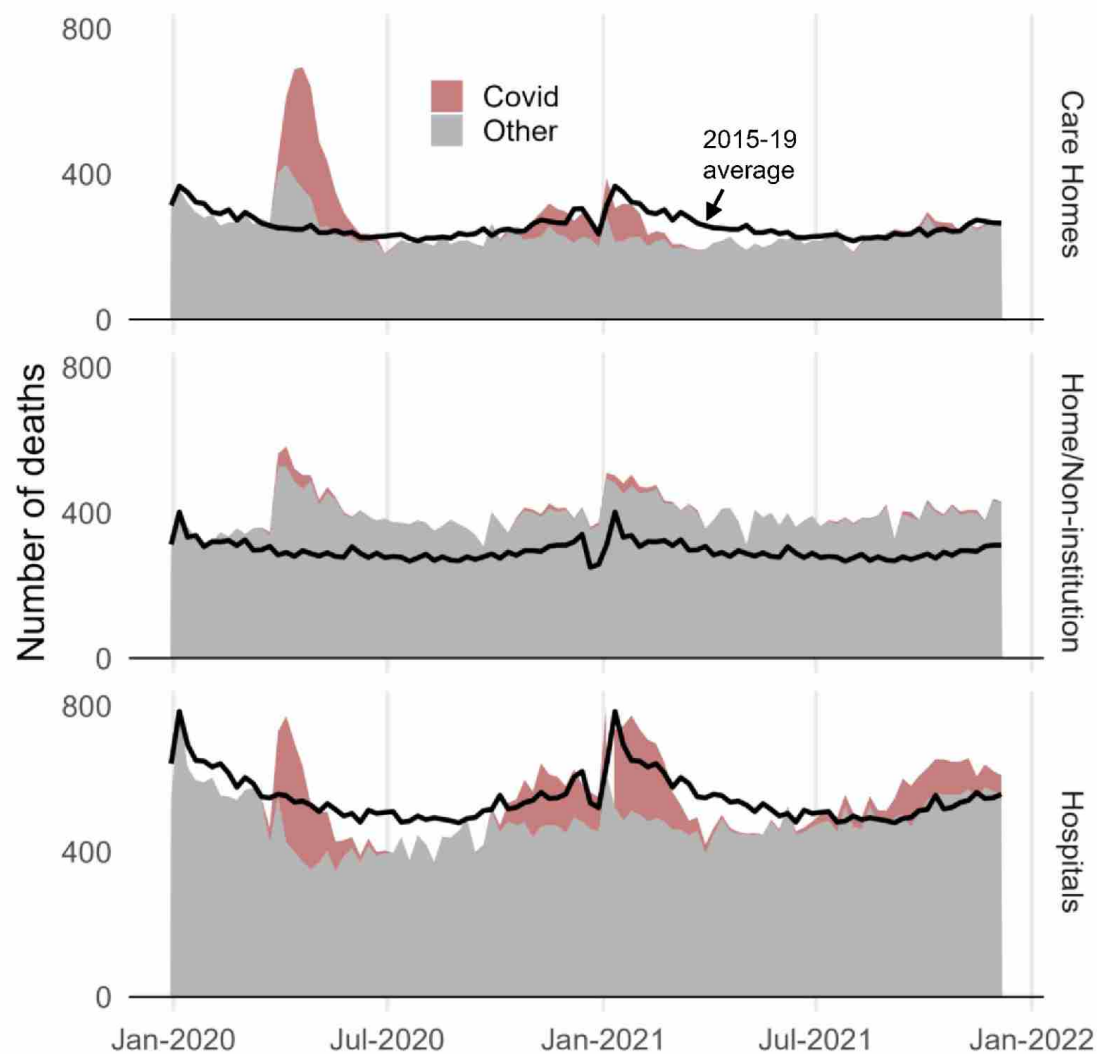
All-cause mortality rates - change on historic average

Scotland and UK, age-standardised, 5-week moving average



Source: Office for National Statistics publication

Deaths by location and underlying cause Scotland, weekly

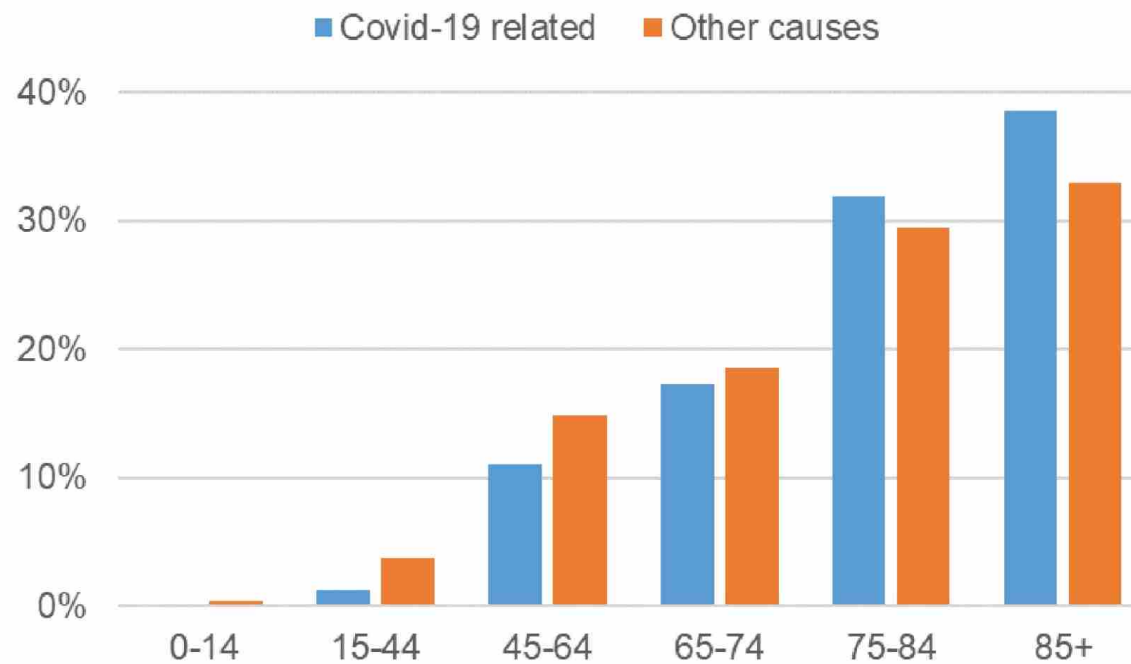


Source: National Records of Scotland data



Mortality by key characteristics

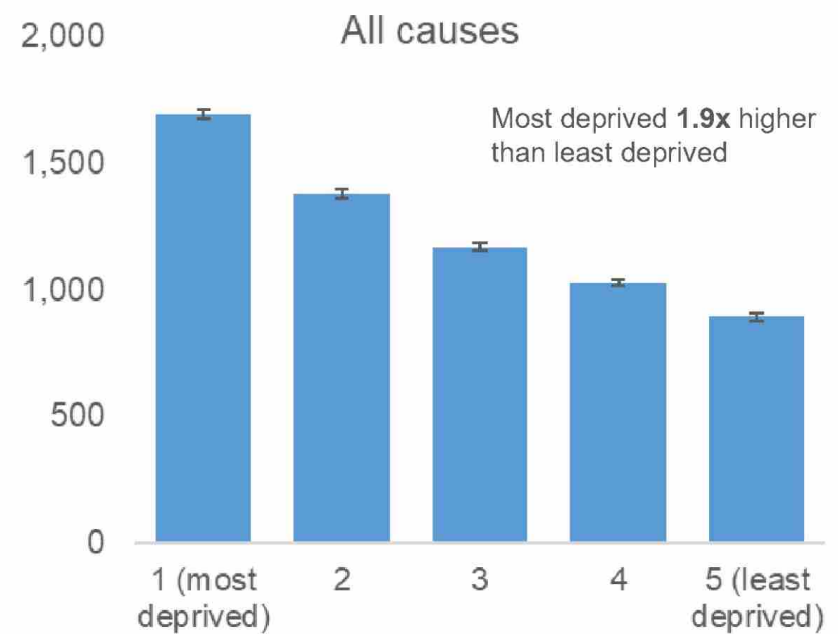
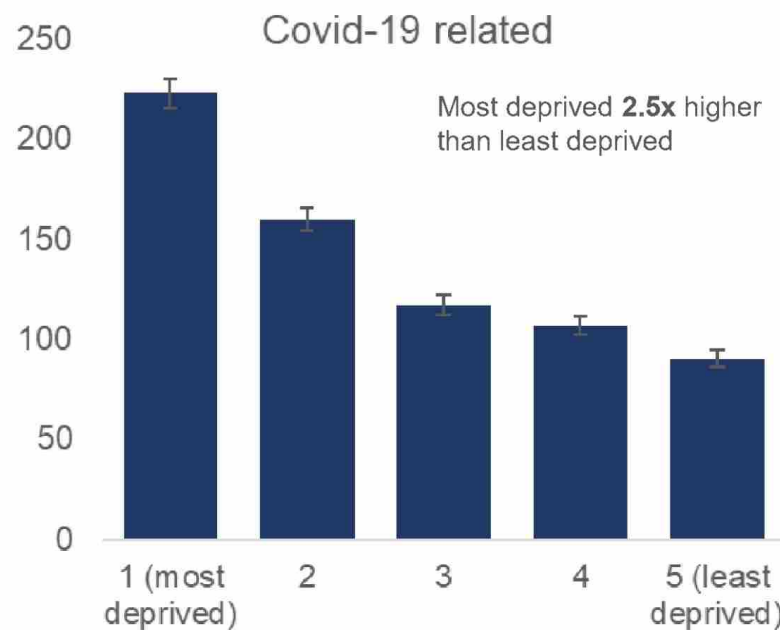
Proportion of Covid and non-Covid deaths by age group Scotland, 2020-22



Source: National Records of Scotland data

Mortality rates by deprivation

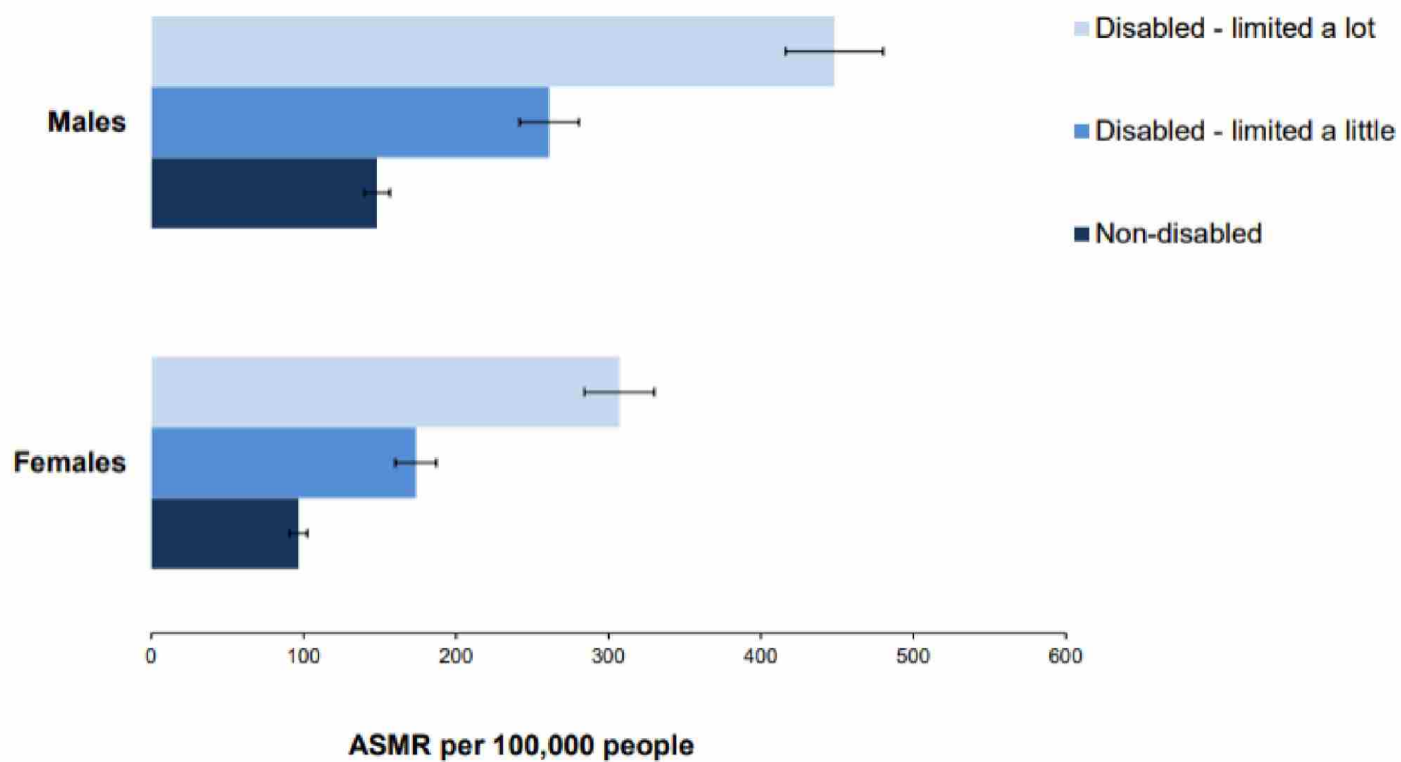
Scotland, age-standardised, SIMD quintile, Mar 20 to Oct 21



Source: National Records of Scotland data

Covid-19 mortality rates by self-reported disability

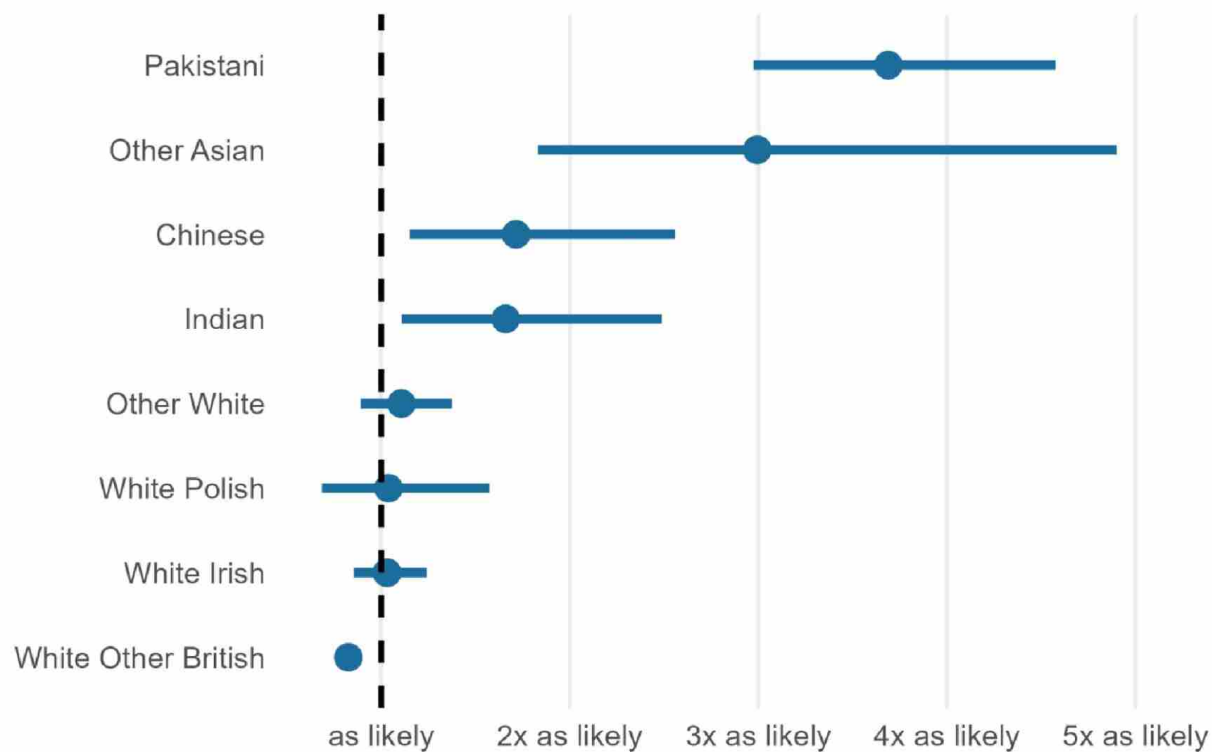
Scotland, age-standardised, Mar 20 to Jan 21



Source: National Records of Scotland publication

Covid mortality by ethnicity

Likelihood of Covid-19 as a cause of death, relative to White Scottish. Mar 20 to Sep 21



The statistical model looked at the likelihood of a death involving Covid-19, controlling for the association of age, sex, area deprivation and urban/rural location.



Data sources

Data sources, accessed 04/01/2024

Measure	Page	Source	Link
Tests	2-3	Public Health Scotland open data	https://www.opendata.nhs.scot/dataset/covid-19-in-scotland/resource/2dd8534b-0a6f-4744-9253-9565d62f96c2?inner_span=Tru
Reported cases	5-6	UKHSA covid dashboard	https://coronavirus.data.gov.uk/
Infection survey	7-10	ONS dataset, 2023 edition	https://www.ons.gov.uk/peoplepopulationandcommunity/healthandsocialcare/conditionsanddiseases/datasets/coronaviruscovid19infectionsurveydata
Reported cases	11-12	UKHSA dashboard	https://coronavirus.data.gov.uk/details/download Metric = "newCasesBySpecimenDateRollingRate"
Covid in hospital	14-17	UKHSA dashboard	https://coronavirus.data.gov.uk/details/download Metric = "hospital cases" Population data from: https://coronavirus.data.gov.uk/downloads/supplements/ONS-population_2021-08-05.csv
Level 3 care	18-19	Scottish Intensive Care Society Audit Group on Covid-19. Publication date: 20/04/2022. Figures 5 and 6	https://publichealthscotland.scot/media/12828/2022-04-20_sicsag_report_final.pdf
Intensive care occupancy	20	Public Health Scotland open data	https://www.opendata.nhs.scot/dataset/hospital-beds-information
Emergency department attendances	21	Public Health Scotland publication. "NHS Performs - weekly update of emergency department activity and waiting time statistics. Week ending 08 January 2023"	https://publichealthscotland.scot/publications/nhs-performs-weekly-update-of-emergency-department-activity-and-waiting-time-statistics/nhs-performs-weekly-update-of-emergency-department-activity-and-waiting-time-statistics-week-ending-08-january-2023/

Data sources, accessed on 04/01/2024

Measure	Page	Source	Link
Vaccinations	23	Public Health Scotland open data "Daily trend of all vaccinations delivered"	https://www.opendata.nhs.scot/dataset/covid-19-vaccination-in-scotland/resource/db27a16d-52e1-45e4-bd97-d13831548393
Deaths - certificates vs test	25	UKHSA covid dashboard	https://coronavirus.data.gov.uk/details/download Metrics: "newDailyNsoDeathsByDeathDate"; "newDeaths28DaysByDeathDate"
Deaths - date of death vs registration	26	National Records of Scotland publication: "Deaths involving Covid-19 in Scotland. Week 49 (6 December to 12 December 2021)". Figure 4	https://www.nrscotland.gov.uk/files//statistics/covid19/covid-deaths-21-report-week-49.pdf
Cumulative Covid deaths	27	UKHSA covid dashboard	https://coronavirus.data.gov.uk/details/download Metrics: "cumDailyNsoDeathsByDeathDate"; "cumDeaths28DaysByDeathDate"
Covid vs excess deaths	28	National Records Scotland dataset - monthly mortality analysis October 2023. Table M1 - "deaths in Scotland by month of occurrence, sex and cause"	https://www.nrscotland.gov.uk/files//statistics/vital-events/monthly-mortality/monthly-mortality-october-23-tab-1.xlsx
All-cause mortality rates	29	ONS dataset "Comparisons of all-cause mortality between European countries and regions" Publication date: 25 September 2023. Worksheet 7.	https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/datasets/comparisonsofallcausemortalitybetweeneuropeanountriesandregions
Deaths by location	30	National Records Scotland data publication - death involving Covid-19 archive. Week 49 2021, csv files, "table 3 (2020)" and "table 3 (2021)".	https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/general-publications/deaths-involving-coronavirus-covid-19-in-scotland/archive https://www.nrscotland.gov.uk/files//statistics/covid19/covid-deaths-21-data-week-49.zip

INQ000274150_0038

Data sources, accessed on 04/01/2024

Measure	Page	Source	Link
Deaths by age group	32	National Records of Scotland Covid-19 data publication: 'Weekly deaths by location of death, age group, sex and cause, 2020 - 2023'. Published 09/03/2023.	https://www.nrscotland.gov.uk/covid19stats https://www.nrscotland.gov.uk/files//statistics/covid19/weekly-deaths-by-location-age-sex.xlsx
Mortality rates by SIMD	33	National Records of Scotland data publication - deaths involving Covid-19 archive. Week 45 2021, "figure 9".	https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/general-publications/deaths-involving-coronavirus-covid-19-in-scotland/archive https://www.nrscotland.gov.uk/files//statistics/covid19/covid-deaths-21-data-week-45.xlsx
Mortality rates by Disability	34	National Records of Scotland publication: "Deaths involving Covid-19 in Scotland: Week 11 (15 March 2021 to 21 March 2021)". Figure 3. Published 24/03/2021	https://www.nrscotland.gov.uk/files/statistics/covid19/covid-deaths-21-report-week-11.pdf
Mortality by ethnicity	35	National Records of Scotland data publication - deaths involving Covid-19 archive. Week 45 2021, "figure E1".	https://www.nrscotland.gov.uk/statistics-and-data/statistics/statistics-by-theme/vital-events/general-publications/deaths-involving-coronavirus-covid-19-in-scotland/archive https://www.nrscotland.gov.uk/files//statistics/covid19/covid-deaths-21-data-week-45.zip