

COVID-19 Recovery Committee

1st Meeting, 2022 (Session 6), Thursday 13 January 2022

COVID-19 statistical update

Background

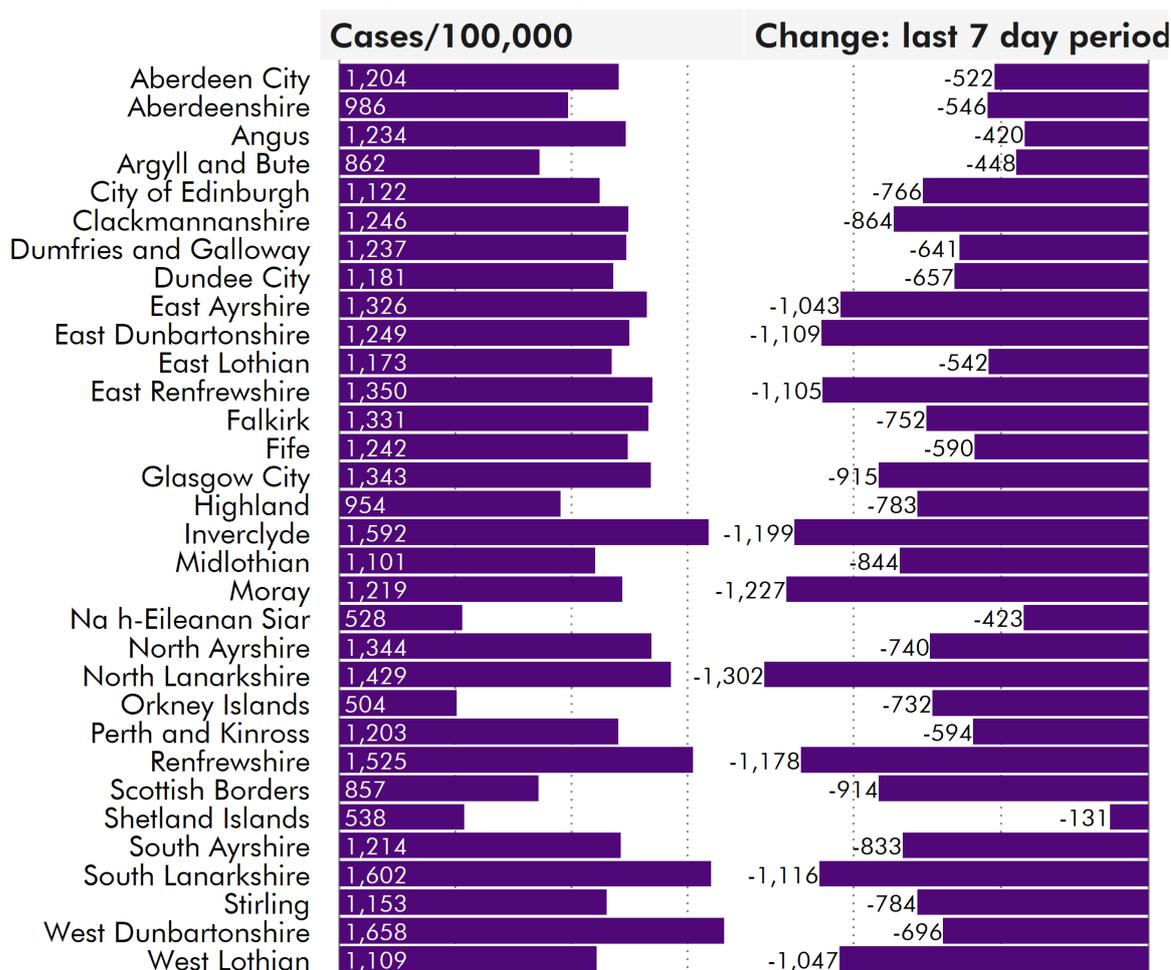
This note updates Members with some recent data on Covid-19, including:

- positive cases per 100,000 by local authority area (based on the methodology used by [Public Health Scotland in their daily dashboard.](#))
- longer term trends for Scotland as a whole
- covid cases by age group
- vaccine uptake by age, gender and geography
- data on hospital admissions “because of Covid”
- data on workforce absences in the NHS (up to 4/1/22) and in care homes (as at 5/1/22)
- links to further resources and information

Recent Trends

Positive cases per 100,000 of the population by local authority

Data for the seven days up to 9 January 2022

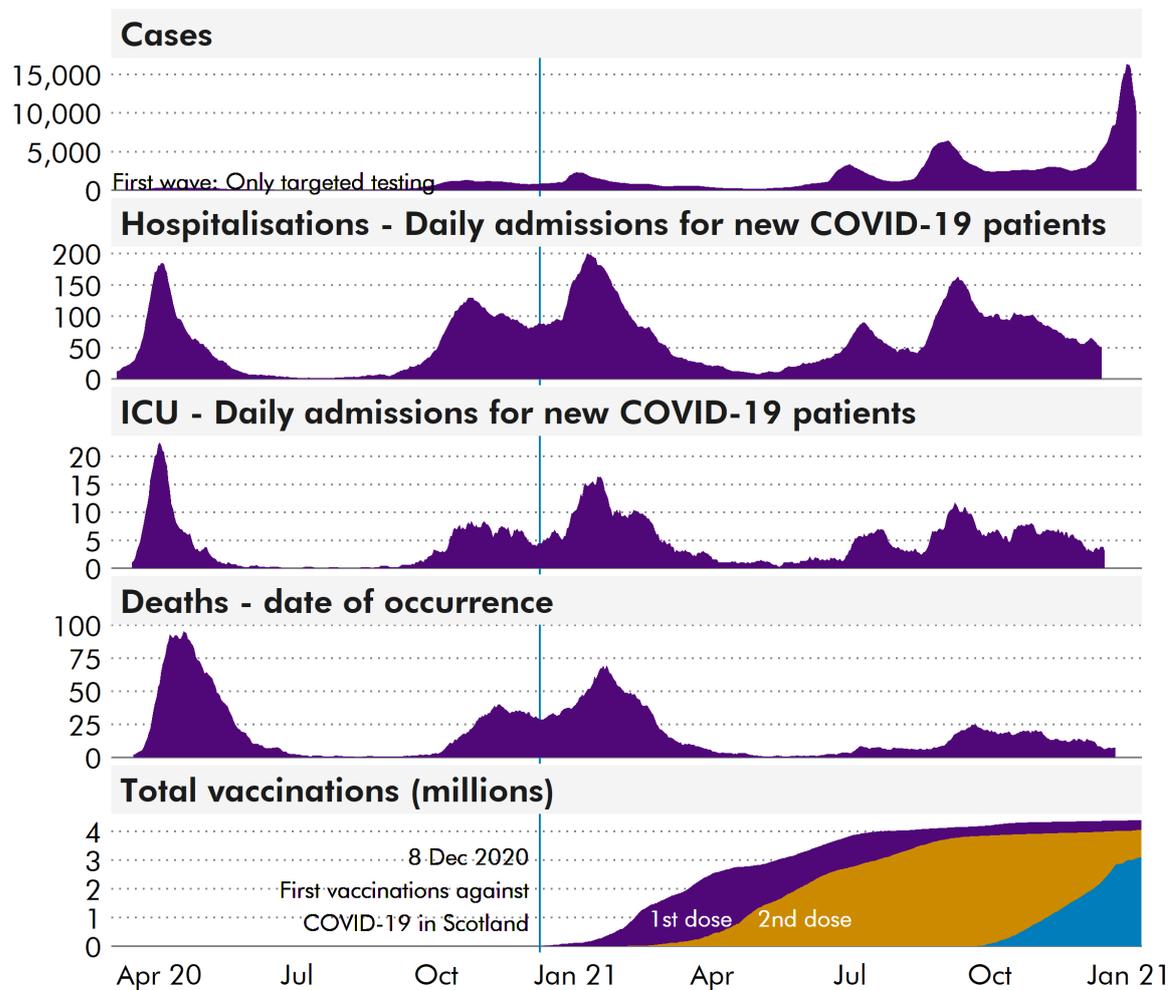


Source: Public Health Scotland

Longer term trends

Trends in COVID-19 cases, hospital admissions, ICU admissions, deaths and vaccinations in Scotland since the start of the pandemic

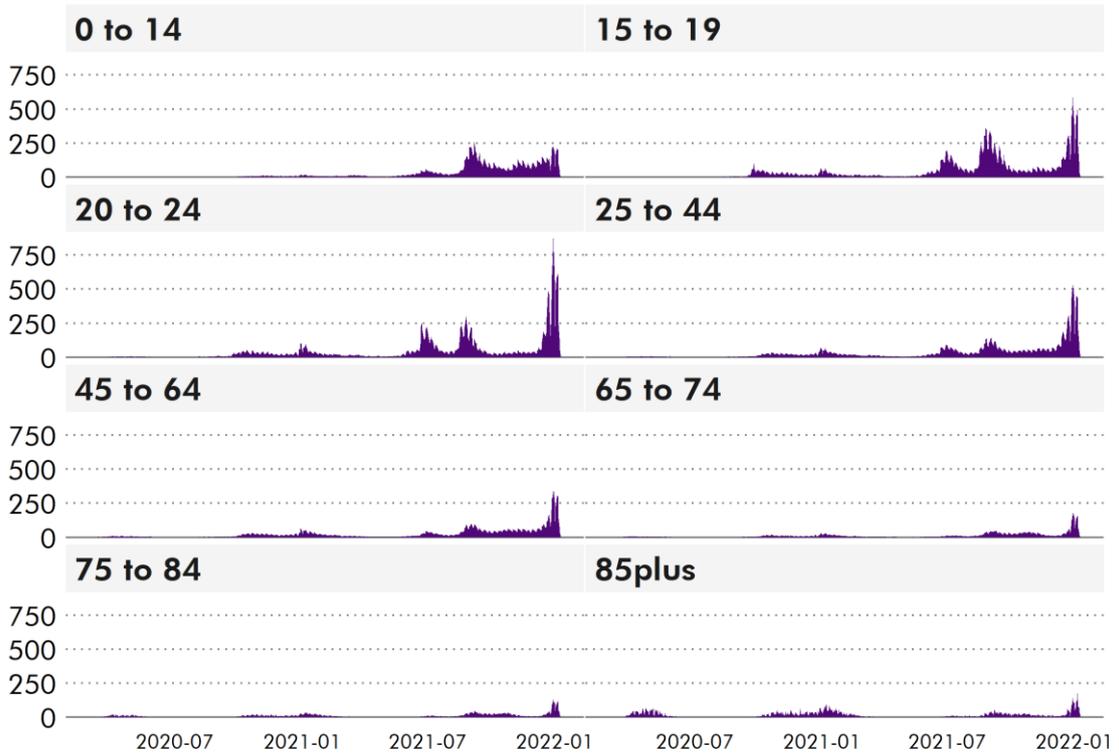
7 day averages | Data as at 10 January 2022



Source: Public Health Scotland and National Records of Scotland

COVID cases by age group

Cases per 100,000 of the population | Up to and including 9 January



Source: Public Health Scotland

The chart above provides a breakdown of number of cases by age group over the course of the pandemic, with the high spikes in cases for younger people (on the top rows)

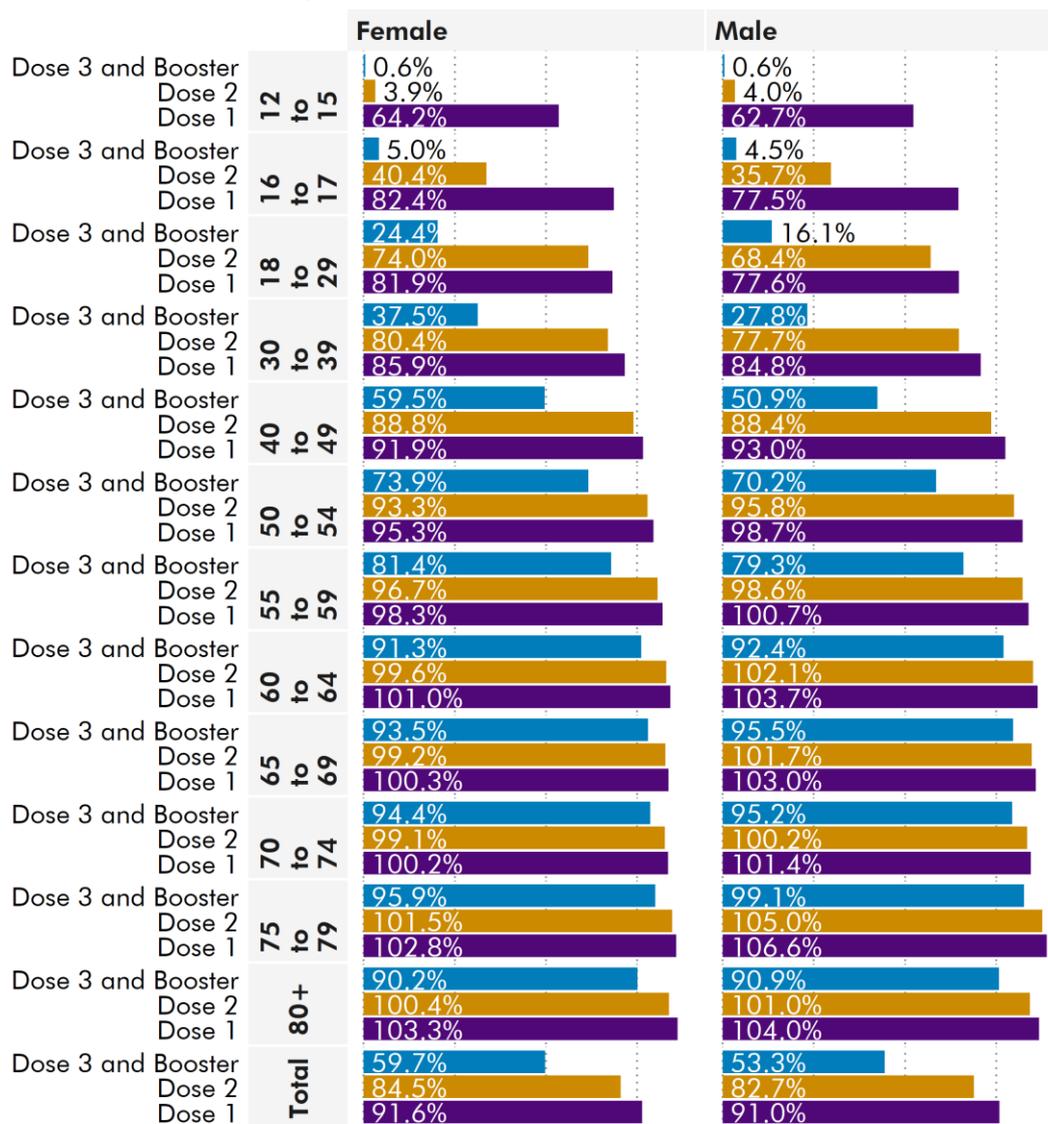
Vaccine Uptake

The following charts provide a breakdown of vaccine uptake (by first and second doses), by age, sex, local authority area.

This [article by David Spiegelhalter and Anthony Masters](#) (Guardian June 2021) explains that some age groups report vaccination rates higher than 100% (in the English and Scottish figures) because of issues such as people moving into new age bands, and migration effects. It is also worth noting that there are more [registered patients in Scotland](#) (5,814,155) than the [overall population](#) (5,466,000).

Proportion of population who have received the vaccine

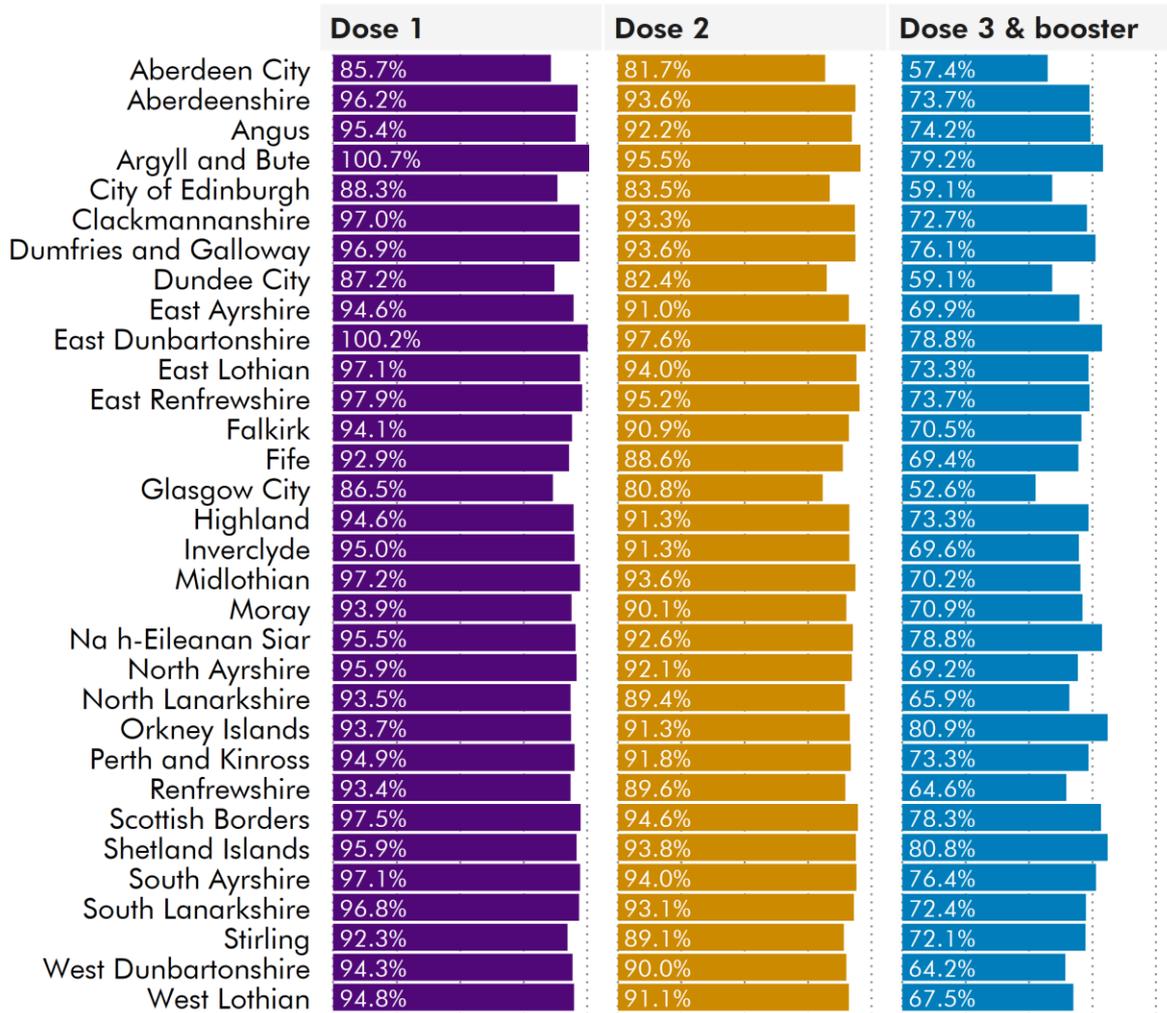
By dose, age and sex | As at 9 January 2022



Source: Public Health Scotland

Proportion of population who have received the vaccine

By dose and local authority | As at 9 January 2022



Source: Public Health Scotland

Hospital Admissions “because of COVID”

On 7 January, [Public Health Scotland published an estimate of the number of people in hospital ‘because of COVID-19’](#) rather than those whose hospital admission simply coincided with their COVID-19 infection.

The estimate was gleaned from a case note review of recent admissions of COVID-19 positive patients in two health board areas (Greater Glasgow & Clyde and Grampian).

As shown in the table below, this review found that 60% of COVID-19 positive admissions were judged to be ‘because of’ the virus (based on a ‘probable’ or ‘definite’ attribution) rather than coincidental to it.

Table 4: Number and proportion of community-acquired hospital admissions within 14 days of a positive COVID-19 test ‘because of’ or ‘with’ COVID-19, NHS Boards’ Greater Glasgow and Clyde between 01 - 02 January 2022 and Grampian between 30 December 2021 - 04 January 2022

	Greater Glasgow and Clyde		Grampian		Total	
	No. of admissions	%	No. of admissions	%	No. of admissions	%
Hospital admission because of COVID-19 (Definite)	37	54%	23	40%	60	48%
Hospital admission because of COVID-19 (Probable)	2	3%	13	23%	15	12%
Hospital admission coincidental with COVID-19	30	43%	21	37%	51	40%
Total	69	100%	57	100%	126	100%

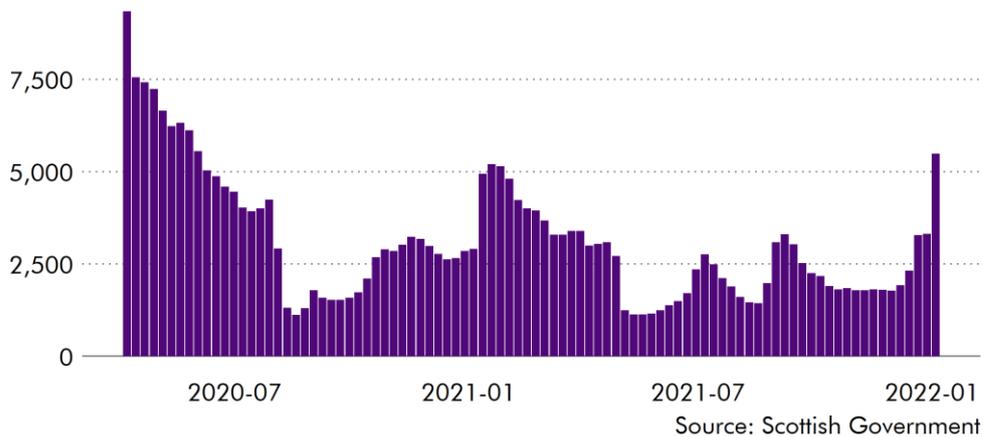
The case note review methodology was used in place of a previous methodology which analysed Scottish Morbidity Records (SMR01) from 6 health boards. This is because there is typically a 2 to 3 month delay in receiving SMR01 records so the data is less timely.

Workforce Absences

The chart below gives the overall picture of NHS staff absences throughout the pandemic (up to week ending 4 January 2022)

Number of NHS staff absences due to Covid-19

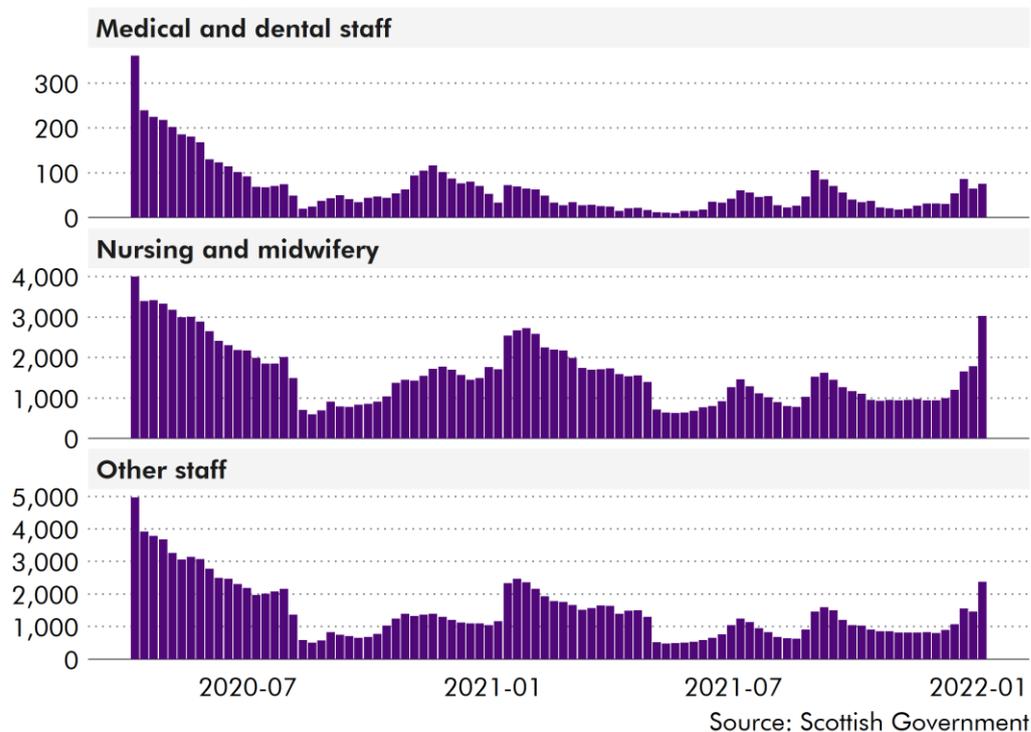
Weekly averages | All staff



The chart below breaks the above figures down by staff specialities

Number of NHS staff absences due to Covid-19

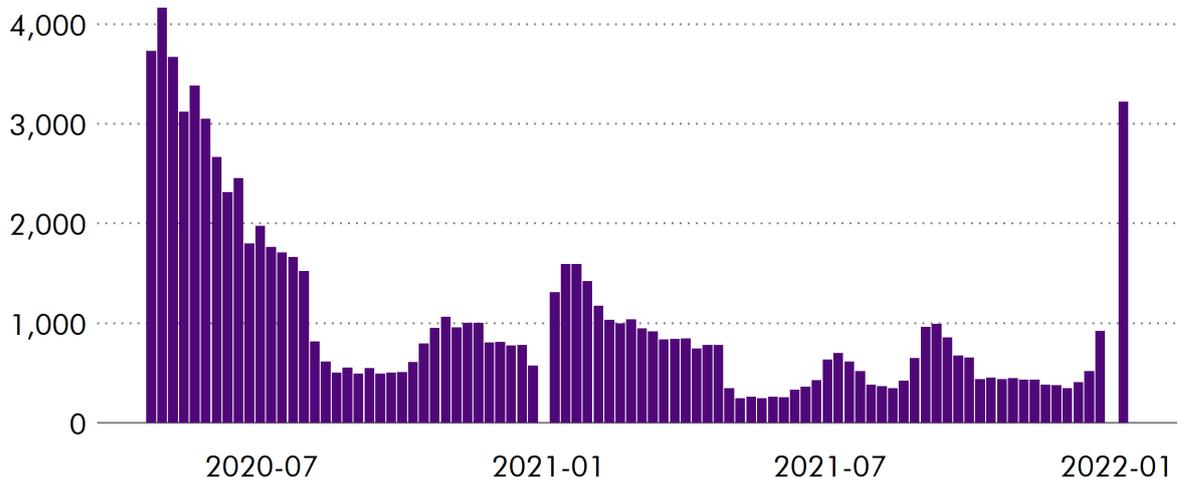
Weekly averages | By staff specialities



The chart below shows the number of staff absences at care homes throughout the pandemic.

Number of care home staff absences due to Covid-19

Weekly averages | All staff



Source: Scottish Government

Key Resources

- **Health: COVID-19**
- **Scottish Government** - [latest protection levels](#); [daily data for Scotland](#) and [latest reviews and evidence](#)
- **Vaccinations data** – published on the [Public health Scotland COVID-19 statistical report](#)
- **SPICe** – blogs on local [protection levels](#), [cases at a local level](#) and [latest available data](#) on testing, deaths, hospital admissions, and NHS absences, and blog on protection (NB please open using google chrome).
- **Public Health Scotland** - [Daily dashboard](#) (includes daily update, cases by neighbourhood, trends and demographics, and data table)
- **SPICe blog** - [Coronavirus \(COVID-19\): Vaccinations in Scotland – latest data](#) provide breakdowns of who has been vaccinated by age, sex, health board and eligibility criteria
- **Public Health Scotland** – [Open Data](#) includes analysis by age, sex, are and deprivation. And [Weekly report](#) (NB: published Wednesdays).
- **Wider issues**
- **Scottish Government** [four harms interactive dashboard](#) – provides data and visuals on a range of indicators relating to the four harms: direct impact of COVID-19, other health effects, economic effects and social impacts
- **Public Health Scotland** - [Wider health impacts dashboard](#) - includes analysis of summary trends (e.g. hospital admissions, ambulance figures, excess deaths), cardiovascular statistics, child health, mental health and pregnancy.
- **Improvement Service** - [Dashboard on economic impacts](#) in Scotland, and **Transport Scotland** - [Information on transport trends and public attitudes](#) towards transport for the pandemic period.
- **Scottish Government** [equality evidence finder](#), and **SPICe blogs** – [links to key sources](#) and [timeline](#).

Simon Wakefield, Kathleen Robson, and Andrew Aiton: SPICe Research
10 January 2022

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