CVDR/S6/22/13/4



COVID-19 Recovery Committee

13th Meeting, 2022 (Session 6), Thursday 28 April 2022

COVID-19 statistical update

Background

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

- Overall trends in cases, hospital and ICU admission, vaccinations and deaths
- Numbers of cases by test type, reinfections and for the Four Nations
- Workforce absences in the NHS and in care homes
- Waste water sampling
- Links to further resources

Trends in case, hospitalisation and ICU admissions, vaccinations and deaths

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



2

Numbers of cases in 2022



Number of reinfections

Daily COVID reinfections

Number of reinfections reported each date



Covid Infection Rates in the Four Nations: Winter 2021/22



The ONS survey (22/4/22) indicated that in Scotland, the percentage of people testing positive for COVID-19 in Scotland has fallen from its 9% in the week ending 20 March 2022 to 5.4% for the week ending 16 April.

Workforce Absences

The chart below gives the overall picture of NHS staff absences throughout the pandemic (up to week ending 5 April 2022 – taken from <u>Scottish Government; trends</u> in daily data). It should be noted that the Scottish Government are no longer updating their daily COVID data and 5 April is the latest available data.



Number of NHS staff absences due to Covid-19

The chart below breaks the above figures down by staff specialities



Number of NHS staff absences due to Covid-19

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



Waste water sampling

In May SEPA 2020 began exploratory work to pinpoint fragments of coronavirus' ribonucleic acid (RNA) in local waste water. Testing is conducted on incoming waste water samples collected by Scottish Water and its operators at 106 public waste water treatment works across the country, covering all 14 NHS Scotland health board areas. Most locations are tested weekly, but this can be increased when local outbreaks are apparent.

The analysis looks at the number of COVID markers per litre in waste water. There are four descriptions based the number of markers per litre, namely 'Negative', 'Weak Positive', 'Positive (DNQ)' and 'Positive'. It should be noted that this data should be used with caution as outlined in the methodology of the sampling on the <u>SEPA website</u>.

To provide visualisation of the data we have separated the date by size of population the site is serving and NHS health board.

Waste water sampling for COVID

By health board and sites with populations less than 10,000 | Data extracted 25 April 2022

	Negative	Weak Positive	Positive (DN)	Q) • Positive
	New Cumnock		EID COMENSION	
Ayrshire and Arran	Muirkirk			
	Maybole Girvan			
	Fairlie Selkirk			
Borders	Peebles			
	Newtown St Boswell Kelso			
	Eyemouth Duns			
	Coldstream			
	Sanquhar Lockerbie			
Dumfries and	Langholm [•]			• • • • • • • • • • • • • • • • • • •
Galloway	Dalscone Dalbeattie		III	
	Annan			
Fife	Springfield Newport & Tayport			
	Newburgh Kincardine			
	Guardbridge Cupar			
	Bowhouse ·			
Forth Valley	Tillicoultry Dunblane			
ronn vancy	Alva			
Grampian	Turriff · Huntly ·		••••••••••••••••••••••••••••••••••••••	
Greater Glasgow and	Banchorý ·			
Clvde	Uplawmoor Neilston			
	Wick Thurso			
Highland	Nairn			
	Grantown on Spey Fort William			
	Aviemore Alness			
Lanarkshire	Strathaven			
	Stonehouse Shotts		CIO (1820-18-10) - C. 1808-03-18-18- 40 600 CEI 00000000000 - 60000000000 - 0 - 0 - 0	
	Lesmahagow Harthill		• • • • • • • • • • • • • • • • • • •	
	Blackwood			
Lothian	Biggar Winchburgh			
	Fauldhouse ⁻			
	Dunbar Blackridge			
Orkney	Kirkwall			
Shetland Tayside	Lerwick Blairgowrie			
Western Isles	Stornoway			
	,	2020-07 202	1-01 2021-07	2022-01
		Sources Scottial	Environmental D	intention Among

Source: Scottish Environmental Protection Agency

Waste water sampling for COVID

By health board and sites with populations of 10,000 or more | Data extracted 25 April 2022

	Negative Weak Positive Positive (DNQ) Positive
Ayrshire and Arran	Stevenston Meadowhead Largs Cumnock
Borders	Hawick
Dumtries and	
Galloway	Loch Ryan
Fife	St Andrews Levenmouth Kirkcaldy Ironmill Bay Duntermine
Forth Valley	Stirling Kinnel Falkirk Denny Bonnybridge Boness
Grampian	Peterhead Persley Nigg Lossiemouth Inverurie Fraserburgh Forres Ellon Buckie Bantf
Greater Glasgow and Clyde	Shieldhall Paisley Inverciyde Erskine Dalmuir Dalmarnock Daldowie Ardoch
Highland	Helensburgh
Lanarkshire	Allantearn Swinstie Skellyton Philipshil Mauldslie Lanark Hamilton Dunnswood Carbans Bothwellbank Allers
Lothian	Whitburn Seatield Penicuik Newbridge Linlithgow East Calder Blackburn Bathgate Armadale
Tayside	Perth Montrose Hatton Fortar
	2020-07 2021-01 2021-07 2022-01 Source: Scottish Environmental Protection Agence

Source: Scottish Environmental Protection Agency

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.

Andrew Aiton, Simon Wakefield, and Kathleen Robson: SPICe Research 28 March 2022

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