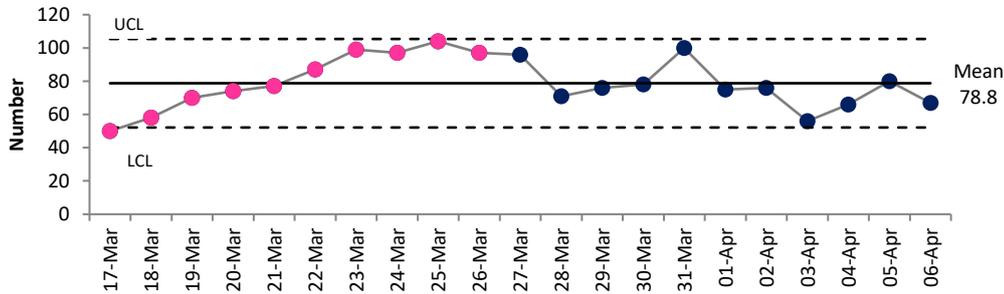


COVID-19 Data Summary, Wednesday 6th April 2022

Introduction:

As the COVID restrictions are eased, we will continue to monitor the situation closely to predict future pressures on the hospital system and to assess effectiveness of control measures.

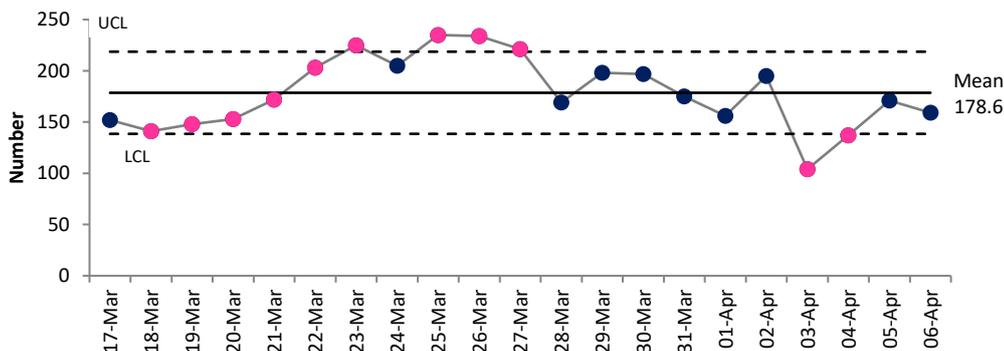
Number of hospital admissions of COVID positive patients during the previous 24 hours



The SPC chart shows admissions exhibited signals of increase from Mar 17th to Mar 26th. That trend has not continued over the last 11 days. An average of 78.8 admissions per day of COVID positive patients over the last three weeks. An average of 74.3 admissions per day over the last week.

A total of 520 admissions over the past 7 days, **down 16% on the previous week** (619 admissions last week), **67 admissions today**

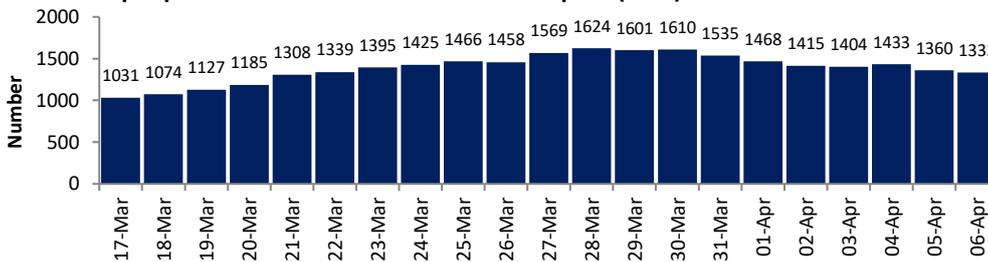
Number of new confirmed COVID cases in hospital, previous 24 hours



The SPC chart shows an average of 178.6 new confirmed COVID cases in hospital (includes admissions with known COVID & cases with COVID diagnosed after admission). Signals of increase were recorded from 17th – 27th March. **Fewer cases in hospital than expected were recorded on 3rd and 4th April.**

159 new cases in hospital today. A total of 1,097 new cases over the past 7 days (an average of 157 per day), **down 25% on the previous week (1459).**

Number of people with confirmed COVID-19 in hospital (8am)

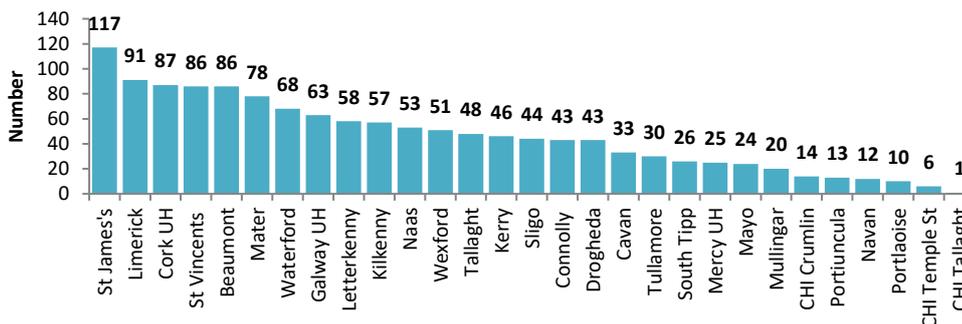


The number of people with COVID in hospital has decreased since a recent peak of 1624 on 28th March.

1,333 in hospital at 8am today.

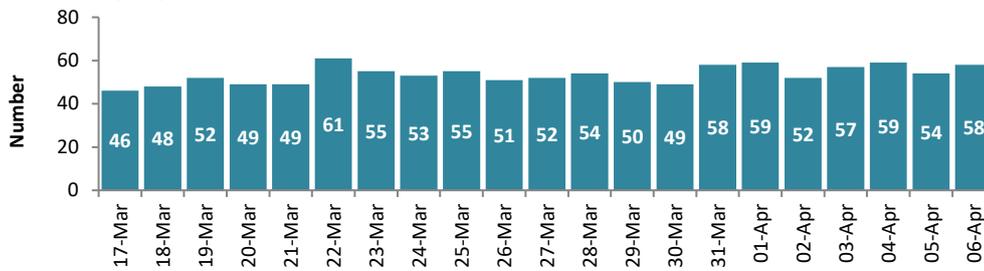
Down 17% on the same day last week and down 4% on the same day two weeks ago.

Number of people with confirmed COVID-19 in hospital, by hospital (8am on 6th Apr)



Of the 1,333 people with confirmed COVID-19 in hospital, **St. James's has the highest number (117 people)**, followed by the Limerick (91), Cork UH (87), St. Vincent's (86) and Beaumont (86).

Number of people with COVID-19 in critical care

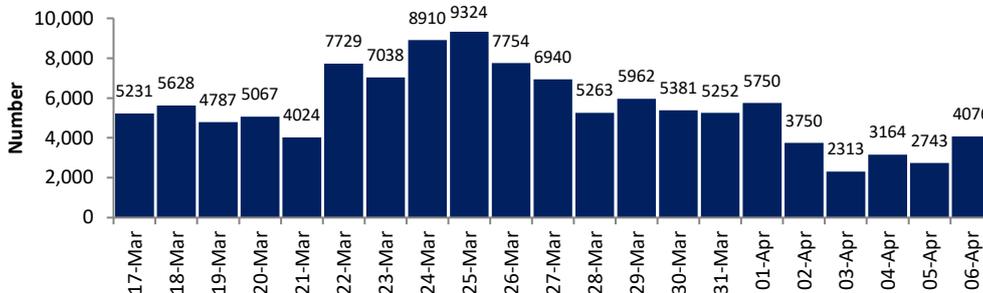


The number with COVID-19 in critical care has increased this week.

Up 18% on this day last week and up 6% on two weeks ago.

Currently 58 in ICU (up 9 on the same day last week). 9 new admissions today.

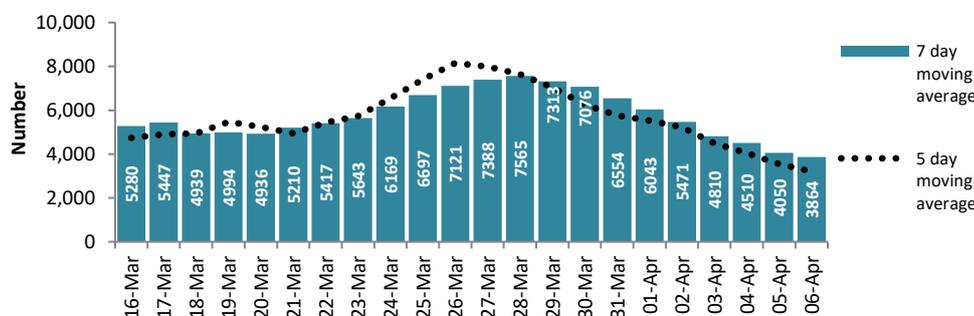
Number of new cases per day (last 3 weeks to 6th Apr), based on PCRs only



The number of new cases has decreased over the last week. Down 45% on total cases (27,048) in last 7 days compared to week before (49,534).

It is important to note the change in testing policy from 28th February with confirmatory PCR tests no longer required for most people, with the exception of certain groups.

5 and 7 day moving averages of new cases per day (14 days to 6th Apr), PCRs only

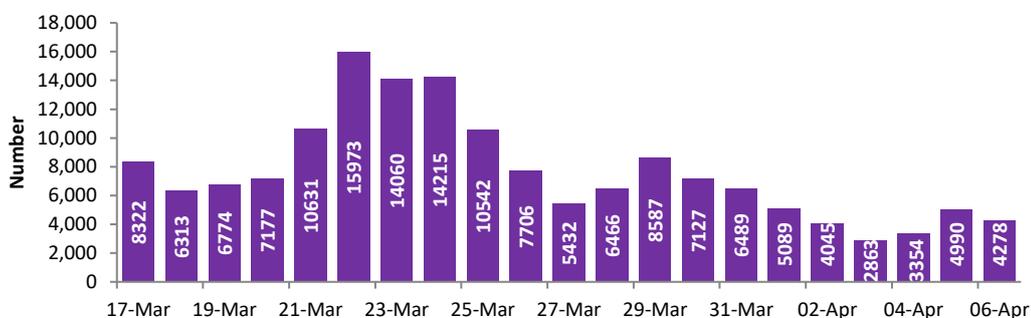


Compared to last week the 5 day moving average is down 49% and the 7 day moving average is down 45%.

Compared to previous 2 weeks, the 5 day average is down 44% and the 7 day average is down 32%.

Note change in testing policy from 28th February.

Number of people who registered positive antigen tests through the HSE portal



In addition to positive PCR results, 31,108 people have registered a positive antigen test result on the HSE portal over the past 7 days (an average of 4,444 per day). Compared to one week ago this is down 48% and compared to two weeks ago down 55%.

Note the figures reported refer to the number of people who registered a positive test on the portal during the previous day.

Total Estimated daily case number: PCR results and self-reported antigen test results

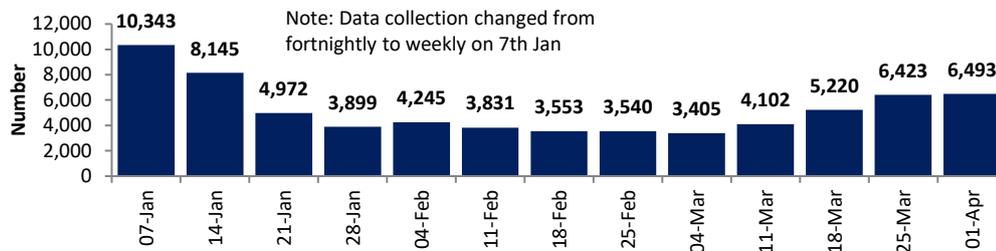


A daily case number can be estimated by combining total PCR results and Antigen test results. 8,354 estimated daily cases today, 4,076 PCR and 4,278 Antigen. This represents a decrease in estimated daily cases of 33% compared to this day last week (12,508 estimated cases on 30th March).

58,156 estimated cases in the previous 7 days, down 47% on the preceding 7 days.

*These data are provisional, subject to validation & do not represent notified cases. Some duplication may occur due PCR confirmations of positive antigen tests.

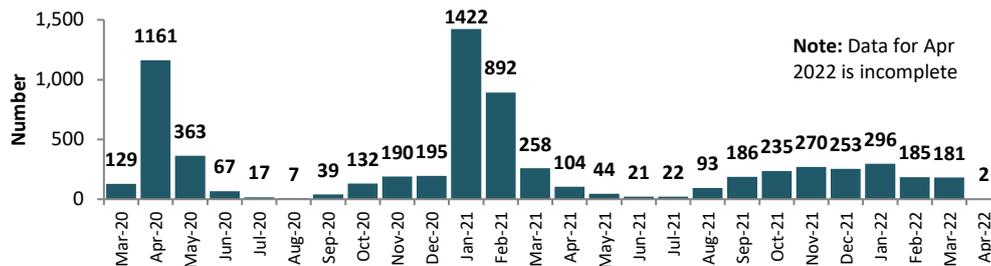
Number of health service staff absent due to COVID-19



The number of staff absent due to a diagnosis of COVID-19 has increased over the last three weeks (6,423, 6,493, 6,493) compared to the previous week ending 18th March, which was 5,220. This is an increase of 23% compared to the week ending 18th March.

This has decreased from a recent peak of 10,343 (6.9% of total workforce) to week ending 7th Jan.

COVID-19 related deaths by month of death

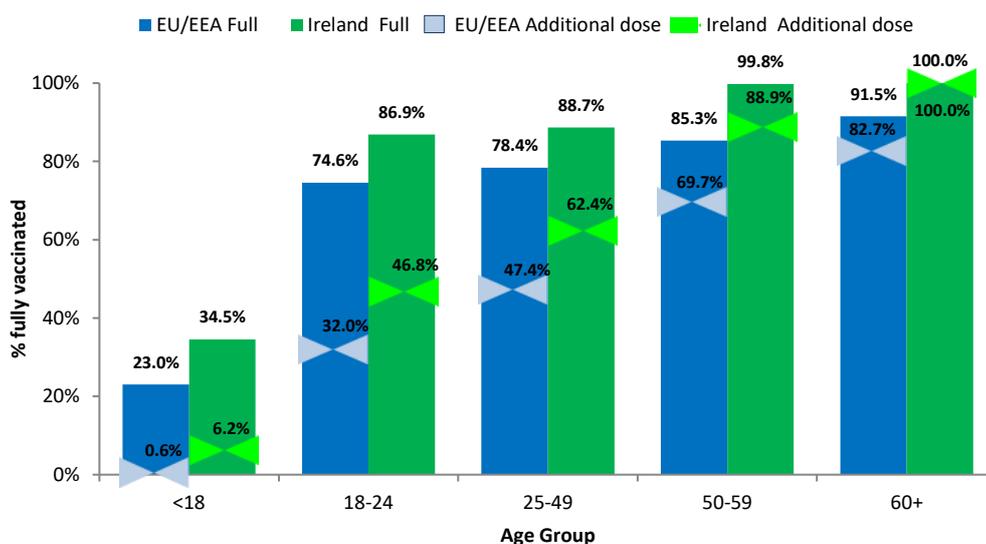


The deaths of 6,799 people with confirmed, probable or possible COVID-19 have been reported to date (up to 2nd April).

The deaths of 181 people during the month of March 2022 have been reported to 2nd April. 2 deaths have been recorded in April so far this month

*Date of death reported for 6,766

Cumulative uptake of full vaccination by age group, Ireland & EU/EEA (ECDC 31th March)



Data from ECDC shows that 83.3% of adults age 18+ in the EU/EEA have completed their primary vaccination course, 94.8% in Ireland.

63.5% of EU/EEA adults have received a booster vaccination, 75.2% in Ireland.

Uptake rates vary significantly by age group, with Ireland having higher uptake rates across all age groups compared to the EU/EEA.

Key trends & recent changes:

- In the 7 days up to 6th April there were 27,048 new cases reported (**based on positive PCR results**); **down 45% on the previous week** (49,534 new cases in the 7 days up to 30th March). Compared to the previous week, the 5 day moving average is **down 49%** and compared to 2 weeks **down 44%**.
- In addition, over the past 7 days 31,108 people reported a positive antigen test to the HSE portal (average of 4,444 per day). Compared to the previous week, the **reported positive antigens tests are down 48%**.

*It is important to note the change in testing policy with people aged 4-39 referred for antigen self-testing rather than PCR testing, and no longer needing a confirmatory PCR following a positive antigen test since 14th January. In addition, from 28th Feb the requirement to get a PCR test was removed for most people, with the exception of certain groups (including over 55s without a booster, immunocompromised, healthcare workers, those with high-risk medical conditions or pregnant, those living with or caring for someone with a weak immune system).

Hospital activity:

- The number of patients with confirmed COVID currently **in hospital at 8am on 6th April is down 17% compared to last week** (1,333 at 8am on 6th April, 1,610 at 8am on 30th March).
- Over the past 7 days there have been **520 admissions of COVID positive patients to hospital** (an average of 74 per day), **down 16% on the previous week** (619 new admissions in the 7 days up to 30th March).
- Data from the NOCA ICU Bed Information System shows that the number of **confirmed COVID cases in ICU is up 18% compared to this day last week** (58 on 6th April, 49 on 30th March) and up 5% compared to two weeks ago.
- **In addition to patients in ICU, on 5th April 196 patients were receiving non-invasive ventilation outside ICU (75 patients with COVID and 121 non-COVID patients), down from 211 on the same day last week.**

Outbreaks (HSPC Epidemiology of COVID-19 Outbreaks/Clusters Report, 5th April):

- For the most recent week (up to 2nd April), there were **25 new outbreaks in acute hospitals notified (36 last week)**.
- **There were 54 outbreaks in nursing homes notified (60 last week)**
- There were 7 new outbreak in community hospitals / long-term care facilities (7 last week)
- **There were 60 outbreaks in residential institutions notified (76 last week)**
- **There were 18 outbreaks reported in other health care services (17 last week)**
- There were 3 outbreaks associated with schools (0 last week)
- There were no outbreaks associated with childcare facilities (0 last week)

Deaths (HPSC weekly report on COVID-19 deaths, 4th April):

- **6,799** deaths with confirmed (6,501), probable (106) and possible cases (192) of COVID-19 were recorded from 01/03/2020 to 02/04/2022
 - **The median age was 82**
 - 3,152 (46.4%) were female and 3,647 (53.6%) Male
 - **5,529 (81.3%) had one or more underlying condition**, 651 (9.6%) did not and it is unknown for a further 619 (9.1%)
- **3,929 (58%)** were linked to outbreaks
 - **2,392 in nursing homes**
 - 954 in Hospital
 - 188 in Community Hospitals/Long stay units
 - 118 in Residential institution
 - 277 in other locations

* A death linked to an outbreak in a particular setting does not of itself indicate that transmission occurred within that setting. A case may be detected as part of an outbreak investigation, and associated with an outbreak, despite exposure and transmission having occurred elsewhere.

Conclusion:

Cases and daily admission of COVID-19 patients have decreased over the last week and are currently in decent phases (see next page).

Just over an estimated 58,000 cases (PCR and Antigen) were reported in the last 7 days. This is a 47% decrease on the previous 7 days, with both PCR positives (down 45%), antigen positives (down 48%) decreasing. Caution should be exercised when considering case numbers as they are almost certainly underreported.

The total number of people with confirmed COVID-19 in hospital and new confirmed COVID cases in hospital in the previous 24 hours have decreased after experiencing strong growth in recent weeks. The number of people with COVID-19 in critical care has increased over the last week. 58 COVID-19 positive patients in ICU today, which 18% higher than the same day last week.

Ireland's vaccination rates continue to compare favourably with the EU/EEA.