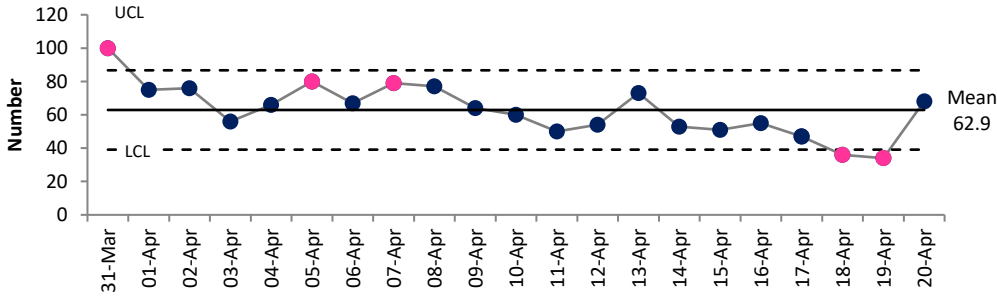


COVID-19 Data Summary, Wednesday 20th April 2022

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.

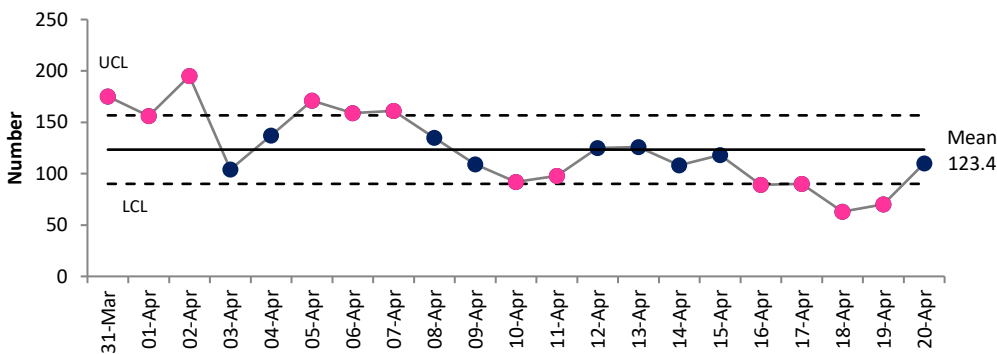
Number of hospital admissions of COVID positive patients during the previous 24 hours



The SPC chart shows admissions exhibited signals of increase on Mar 31st and Apr 5th and 7th. However, **admissions exhibited signals of decrease on 18th and 19th April**. An average of 62.9 admissions per day of COVID positive patients over the last three weeks. Note 18th April was a bank holiday.

A total of 344 admissions over the past 7 days, **down 25% on the previous week** (520 admissions last week), **68** today

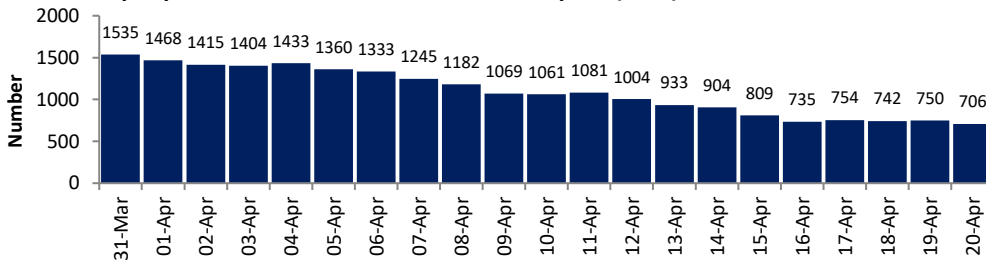
Number of new confirmed COVID cases in hospital, previous 24 hours



The SPC chart shows an average of 123.4 new confirmed COVID cases in hospital (includes admissions with known COVID & cases with COVID diagnosed after admission). Signals of increase were recorded in early April. However, **there were signals of decrease 9th-10th Apr and 16th - 19th Apr**. Note bank holiday (18th Apr).

110 new cases in hospital today. **A total of 648 new cases over the past 7 days** (an average of 93 per day), **down 23% on the previous week** (846).

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

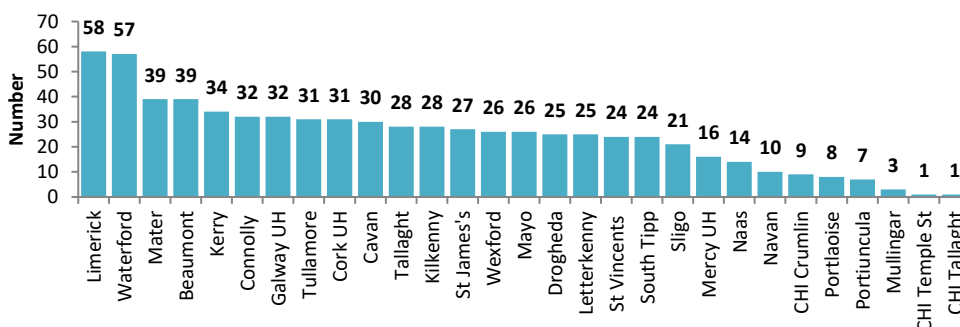


The number of people with COVID in hospital has decreased since a recent peak of 1,624 on 28th March and is trending downwards.

706 in hospital at 8am today.

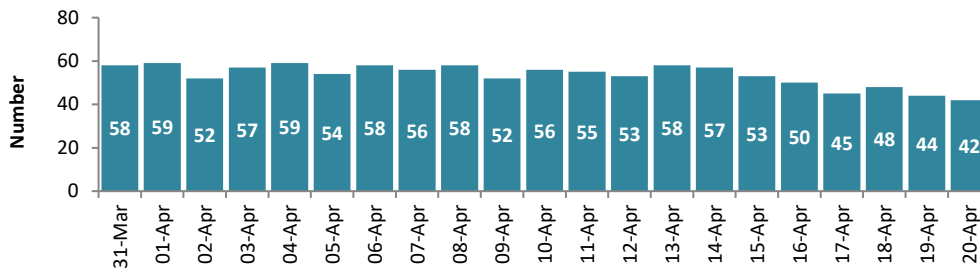
Down 24% on the same day last week and down 47% on the same day two weeks ago.

Number of people with confirmed COVID-19 in hospital, by hospital (8am on 20th Apr)



Of the 706 people with confirmed COVID-19 in hospital, **Limerick has the highest number (58 people)**, followed by the Waterford (57), the Mater (39), Beaumont (39), and Kerry (34).

Number of people with COVID-19 in critical care

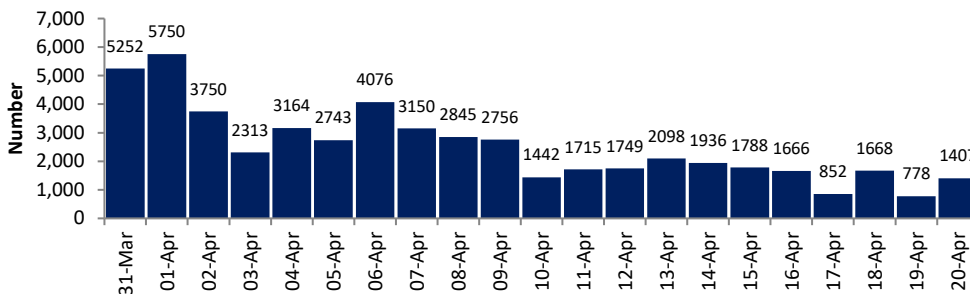


The number with COVID-19 in critical care has decreased this week.

Down 27.6% on this day last week

Currently 42 in ICU (**down 16 on the same day last week**).
2 new admissions today.

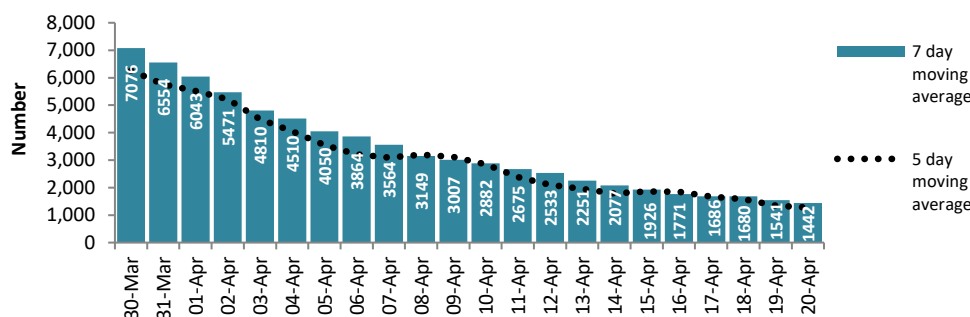
Number of new cases per day (last 3 weeks to 20th Apr), based on PCRs only



The number of new cases has decreased over the last week. **Down 36% on total cases (10,786) in last 7 days compared to week before (15,755).**

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 20th Apr), PCRs only

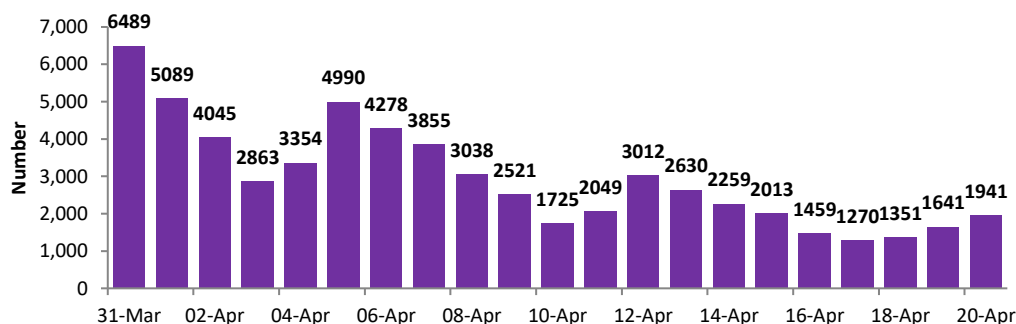


Compared to last week the 5 day moving average is down 35% and the 7 day moving average is down 36%.

Compared to previous 2 weeks, the 5 day average is down 60% and the 7 day average is down 63%.

Note change in testing policy from 28th February.

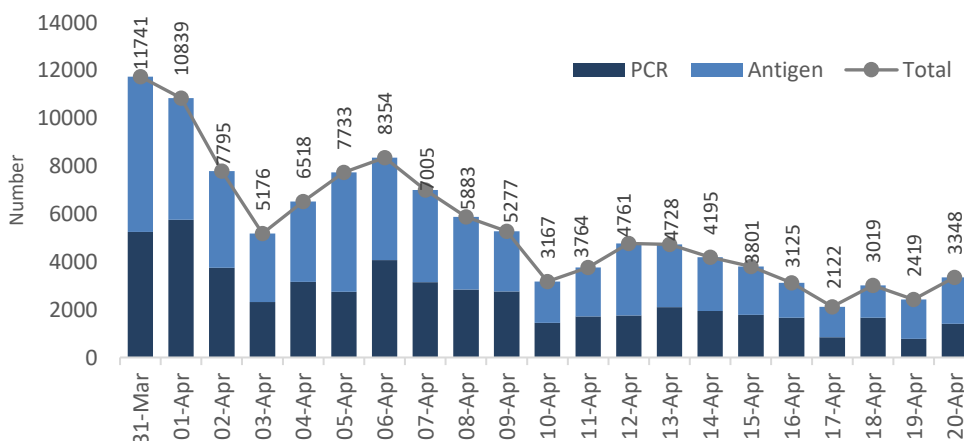
Number of people who registered positive antigen tests through the HSE portal



In addition to positive PCR results, 11,934 people have registered a positive antigen result on the HSE portal over the past 7 days (an average of 1,941 per day). **Compared to one week ago this is down 37% and compared to two weeks ago down 62%.**

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

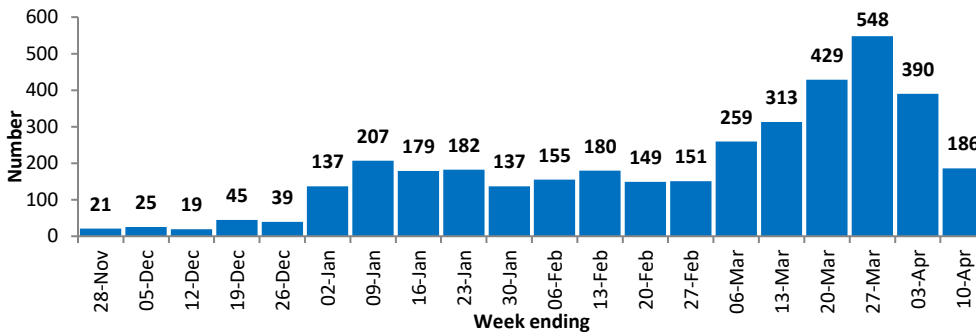


A daily case number can be estimated by combining total PCR results and Antigen test results. **3,348 estimated daily cases today, 1,407 PCR and 1,442 Antigen.** This represents a decrease in estimated daily cases of 29% compared to this day last week (4,728 estimated cases on 13th April).

22,029 estimated cases in the previous 7 days, down 36% 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.

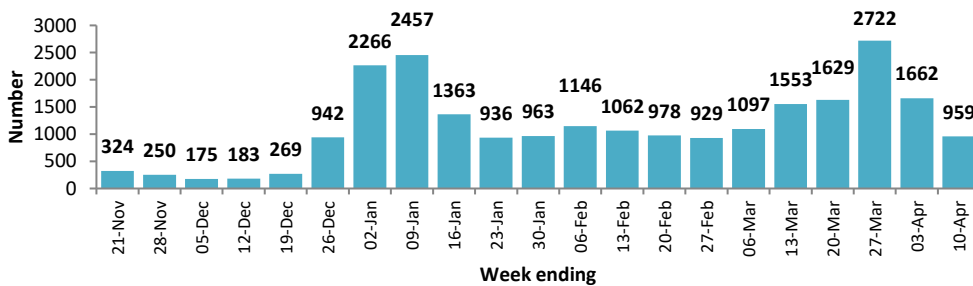
Number of hospital acquired cases of COVID-19 by week



The number of hospital acquired cases of COVID is decreasing. Down 52% compared to week ending 3rd Apr and down 66% compared to week ending 27th Mar.

The week ending 27th March recorded the highest level of hospital acquired cases (548), compared to the previous peak of 442 hospital acquired cases during the week ending 17th Jan 2021.

Number of new lab confirmed cases of COVID in hospital staff, by week

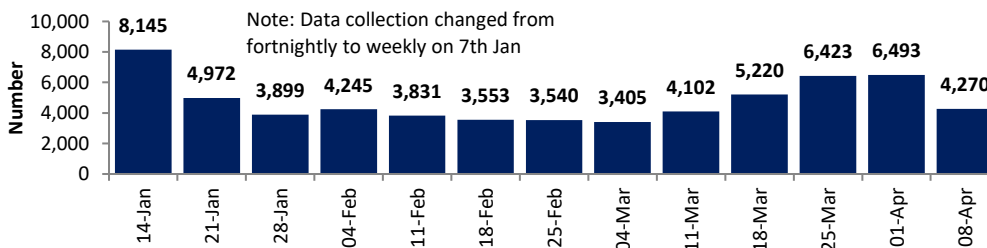


While the number of new laboratory confirmed cases of COVID in hospital staff is significantly higher over the past 3 months than in previous months, it has declined in recent weeks.

The latest reported week (ending 10th April) is down 42% on week ending 3rd Apr and down 65% on week ending 27th March.

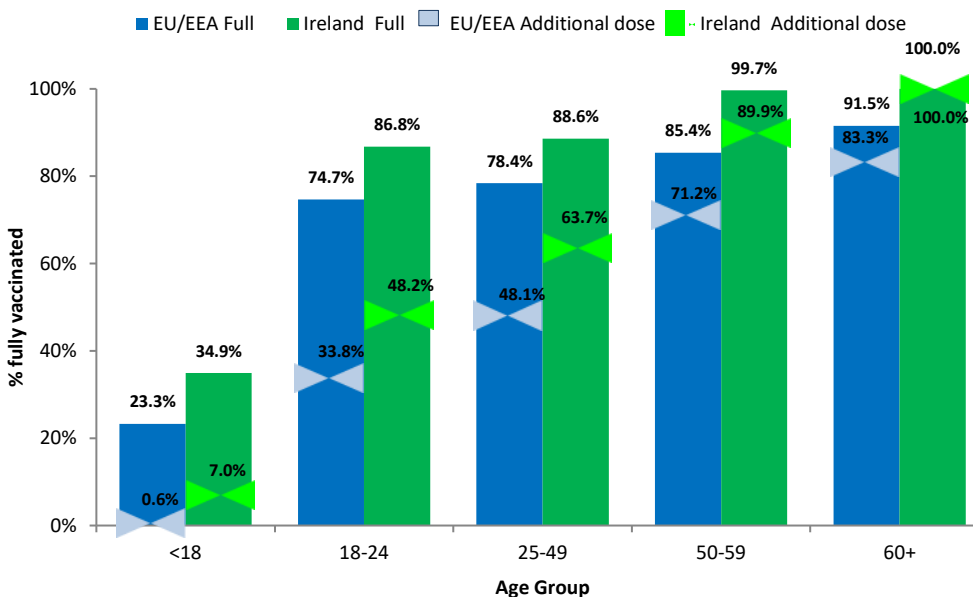
**Based on available unvalidated information from hospitals on confirmed cases among staff.*

Number of health service staff absent due to COVID-19



The number of staff absent due to a diagnosis of COVID has decreased in the latest reported week. 4,270 (2.8% of total workforce) for week ending 8th April, a decrease of 34% compared to week ending 1st of April.

Cumulative uptake of full vaccination by age group, Ireland & EU/EEA (ECDC 13th April)

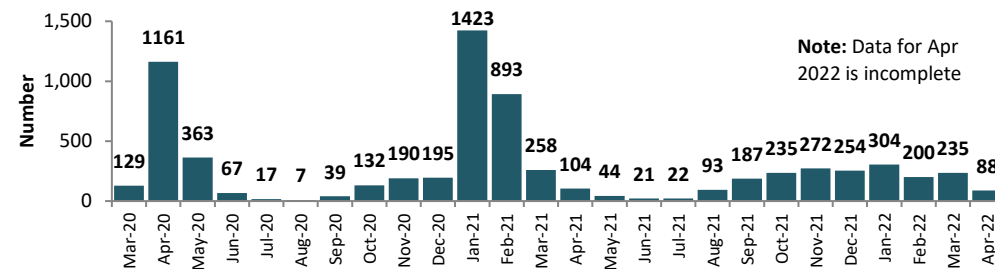


Data from ECDC shows that 83.3% of adults age 18+ in the EU/EEA have completed their primary vaccination course, 94.7% in Ireland.

63.9% of EU/EEA adults have received a booster vaccination, 76.3% in Ireland.

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

COVID-19 related deaths by month of death



The deaths of 6,884 people with confirmed, probable or possible COVID-19 have been reported to date (up to 16th April).

The deaths of 235 people during the month of March 2022 have been reported to 16th April. 88 deaths have been recorded in April so far this month.

*Date of death reported for 6,933

Key trends & recent changes:

- In the **7 days up to 20th April** there were **10,095 new cases** reported (**based on positive PCR results**); **down 36% on the previous week** (15,755 new cases in the 7 days up to 13th April). Compared to the previous week, the **5 day moving average is down 35% and compared to 2 weeks down 60%**.
- In addition, over the past 7 days 11,934 people reported a positive antigen test to the HSE portal (average of 1,941 per day). Compared to the previous week, the **reported positive antigens tests are down 37%**.

*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 20th April is down 24% compared to last week** (706 at 8am on 20th April, 933 at 8am on 13th April).
- Over the past 7 days there have been **344 admissions of COVID positive patients to hospital** (an average of 68 per day), **down 25% on the previous week** (457 new admissions in the 7 days up to 6th April).
- Data from the NOCA ICU Bed Information System shows that the number of **confirmed COVID cases in ICU is down 27% compared to this day last week**, (42 on 20th April, 58 on 13th April) and also down 27% compared to two weeks ago.

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

- **6,964** deaths with confirmed (6,652), probable (115), and possible (197) cases of COVID-19 were recorded from 01/03/2020 to 09/04/2022. 26 deaths were notified with date of death from 10th - 16th Apr.
 - **The median age was 82**
 - 3,225 (46.3%) were female and 3,739 (53.7%) Male
 - **5,621 (80.7%) had one or more underlying condition**, 662 (9.5%) did not and it is unknown for a further 681 (9.8%)
- **3,985 (57.2%)** were linked to outbreaks
 - **2,425 in nursing homes**
 - 973 in Hospital
 - 192 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:

Hospital admissions of COVID positive patients, number of new COVID confirmed cases in hospital in the last 24 hours and total number of COVID positive patients in hospital have been trending downward for the last two weeks. The number of people with COVID in critical care is beginning to reflect this having decreased 28% this week.

Estimated total cases are also trending down (36% down this week) driven by reductions in both antigen (down 37% this week) and PCR (down 36% this week) positives.

While still at levels higher recorded than in Wave 4 (27th April 2021 – 18th Dec 2021) Hospital Acquired Cases and Confirmed Cases in Hospital staff have decreased over the last two reporting periods (weeks ending 3rd April & 10th April).