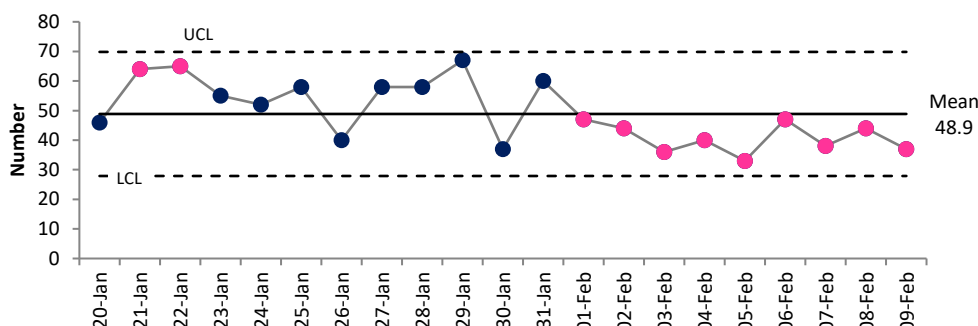


COVID-19 Data Summary, Wednesday 9th February 2022

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.

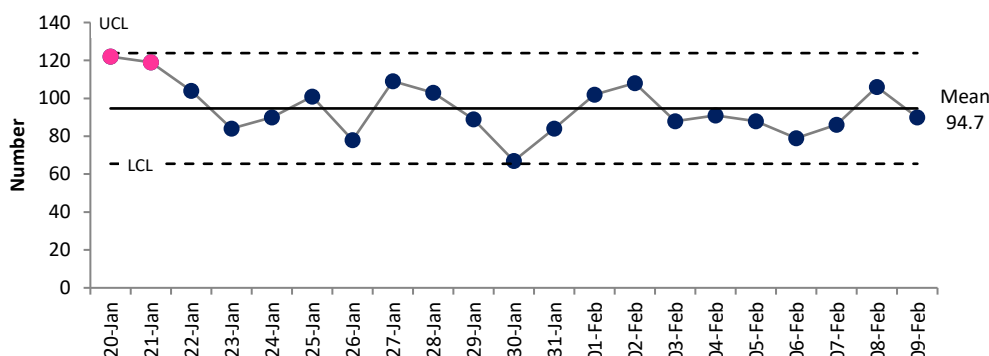
Number of hospital admissions of COVID positive patients during the previous 24 hours



The SPC chart shows an average of 48.9 admissions per day of COVID positive patients since 20th January. For **last 9 days chart shows a signal of improvement**, with all values below average. On 21st - 22nd Jan we note a signal of increase.

37 admissions today and a total of 275 admissions over the past 7 days (an average of 39 per day), **down 26% on the previous week.**

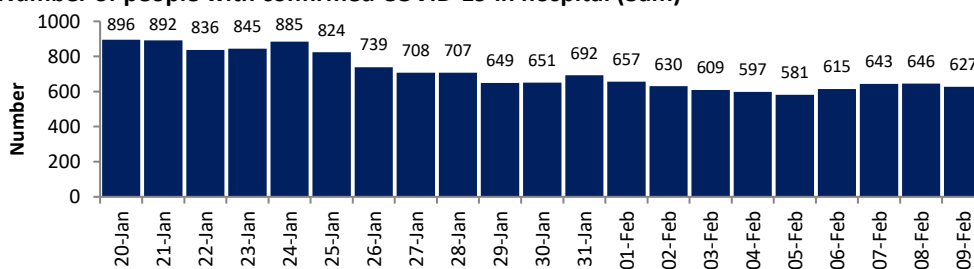
Number of new confirmed COVID cases in hospital, previous 24 hours



The SPC shows an average of 94.7 new confirmed COVID cases in hospital (includes admissions with known COVID & cases with COVID diagnosed after admission). Values are in the expected range. A signal of increase noted on 20th and 21st Jan.

90 new cases in hospital today. A total of 628 new cases over the past 7 days (an average of 89.7 per day), **down 5% on the previous week.**

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

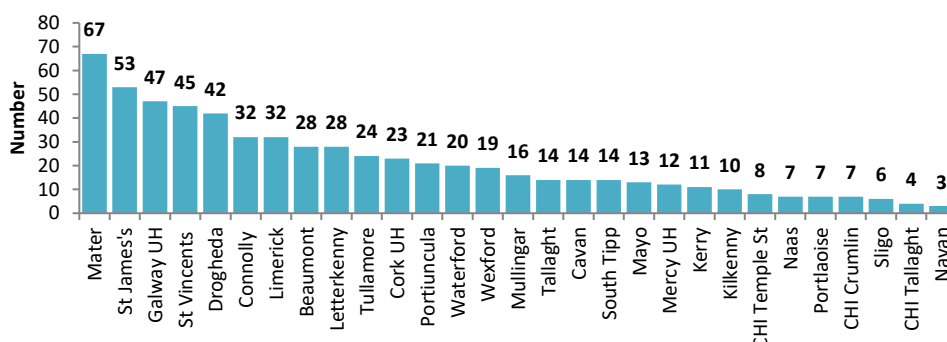


The number of people with COVID in hospital is lower compared to 2 weeks ago and stabilising.

627 in hospital at 8am today.

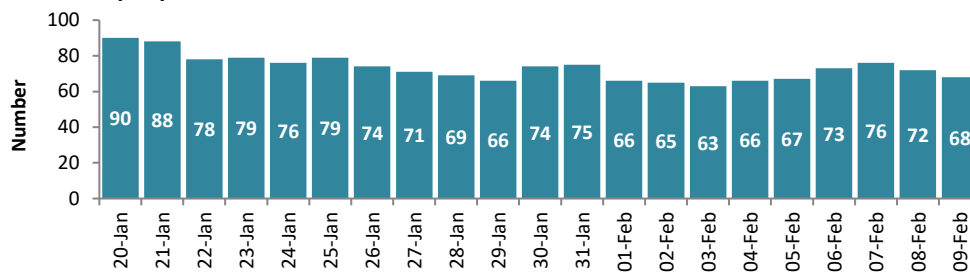
Down 0.5% on the same day last week and down 15% on the same day two weeks ago.

Number of people with confirmed COVID-19 in hospital, by hospital (8am on 9th Feb)



Of the 627 people with confirmed COVID-19 in hospital, **The Mater has the highest number (67 people)**, followed by St. James's (53), Galway UH (47), St. Vincent's (45), and Drogheda (42).

Number of people with COVID-19 in critical care

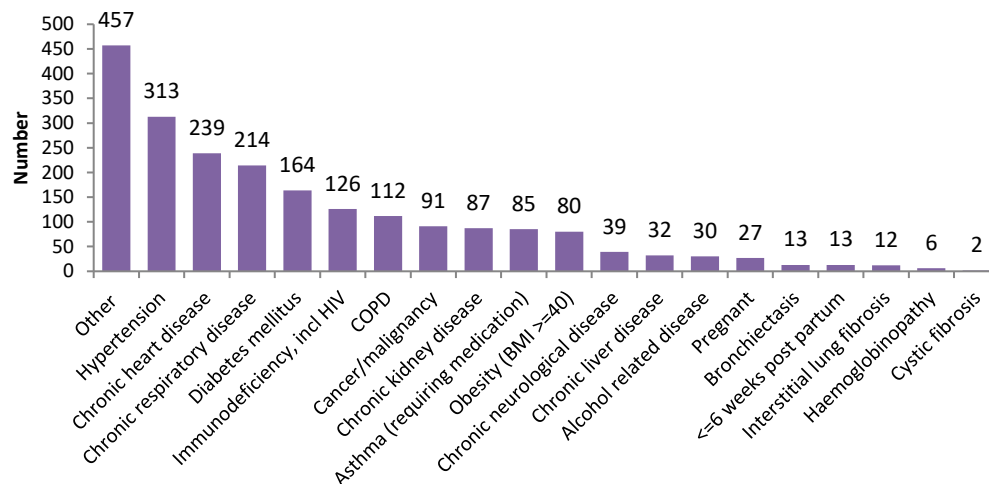


The number with COVID-19 in critical care appears to be trending downwards overall over last 3 weeks.

Up 5% on this day last week and down 8% on two weeks ago.

Currently 68 in ICU (**up 3 on the same day last week**).
3 new admissions today.

Underlying Conditions of COVID-19 admissions to ICU (27 June 2021 - 5 February 2022)

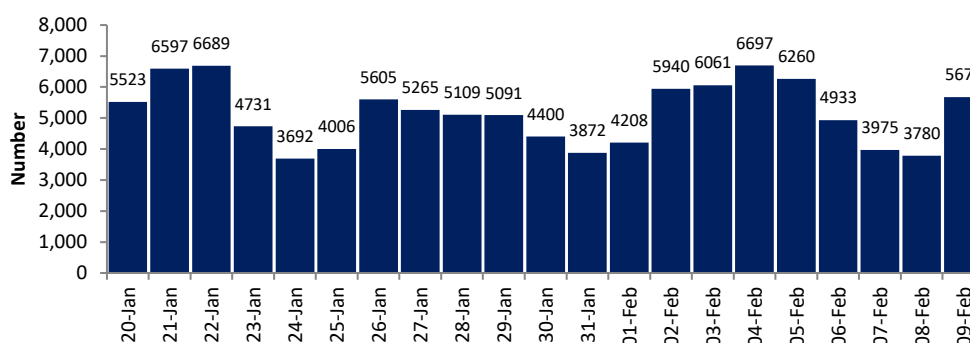


868 people (15+ years) with COVID-19 were admitted to ICU from 27th June 2021 to 5th February 2022.

79% had one or more underlying medical conditions.

457 (66% of those with underlying medical conditions) had other underlying medical conditions, **313 (46%) had hypertension; 239 (35%) had chronic heart disease, 214 (31%) had chronic respiratory disease, 164 (24%) had diabetes and 126 (18%) had immunodeficiency.**

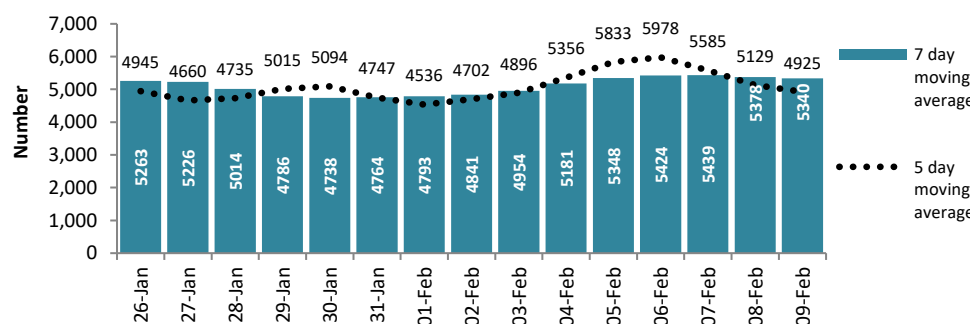
Number of new cases per day (last 3 weeks to 9th Feb), based on PCRs only



The number of new cases (based on positive PCR results uploaded to the COVID Care Tracker) **over the past 3 weeks is relatively stable, despite daily variation and a 10% increase on this day last week.** New cases are up 1% on this day two weeks ago.

It is important to note the change in testing policy from 14th January with confirmatory PCR tests no longer required for people aged 4-39 years with positive antigen tests.

5 and 7 day moving averages of new cases per day (14 days to 9th February), PCRs only

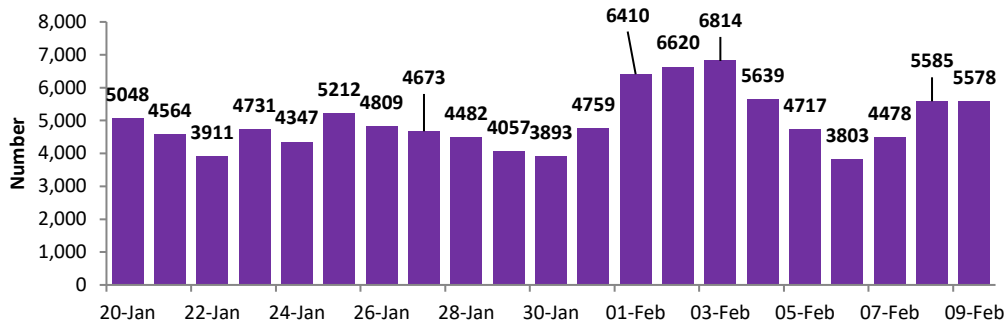


Compared to last week the 5 day moving average is up 5% and the 7 day moving average is up 10%.

Compared to previous 2 weeks, the 5 day average is down 0.4% and the 7 day average is up 1%.

Note change in testing policy from 14th January.

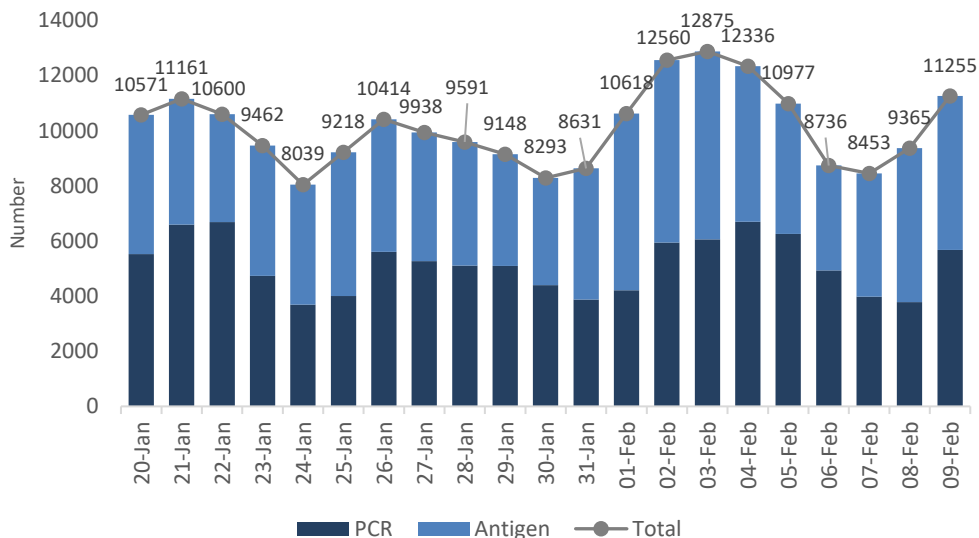
Number of people who registered positive antigen tests through the HSE portal



In addition to positive PCR results, 36,614 people have registered a positive antigen test result on the HSE portal over the past 7 days (an average of 5,230 per day).

Note that the portal opened on 14th January. The figures reported refer to the number of people who registered a positive test on the portal during the previous day (i.e. data for 15-Jan refers to positive results reported on 14-Jan).

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

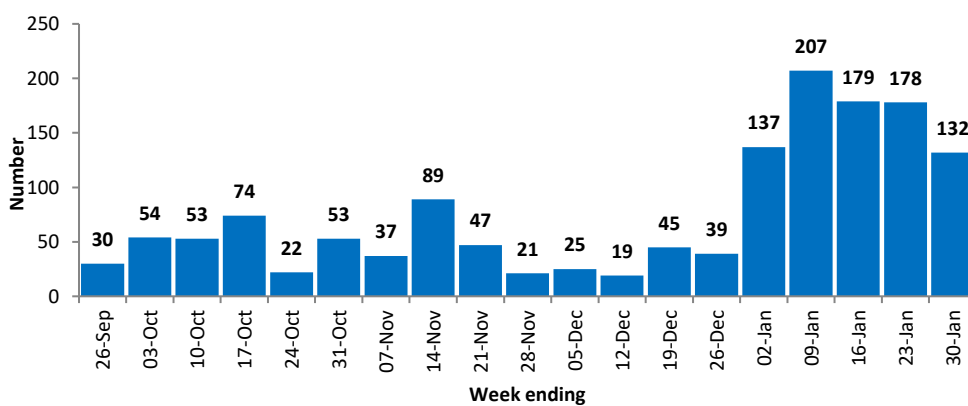


A daily case number can be estimated by combining total PCR results (uploaded to the HSE CovidCare Tracker) and Antigen test results (uploaded to the HSE Antigen portal).

11,255 estimated daily cases today, 5,677 PCR and 5,578 Antigen. This represents an decrease in estimated daily cases of 10% compared to this day last week (12,560 estimated cases on 2nd February).

* These data are provisional, are subject to validation and do not represent notified cases. There may be some duplication due to people with positive antigens also getting positive PCRs as confirmation

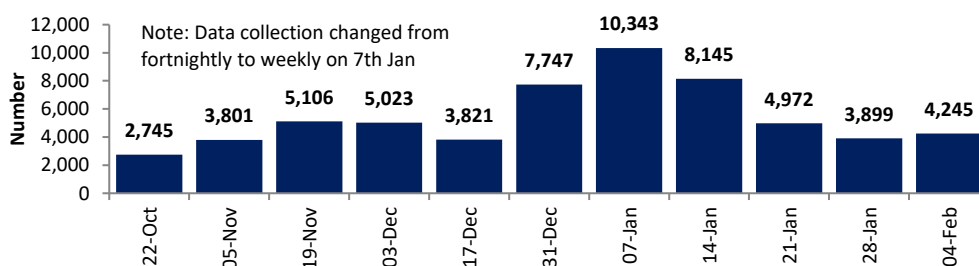
Number of hospital acquired cases of COVID-19 by week



The number of hospital acquired cases of COVID remains high relative to recent months although has decreased by 26% compared to last week.

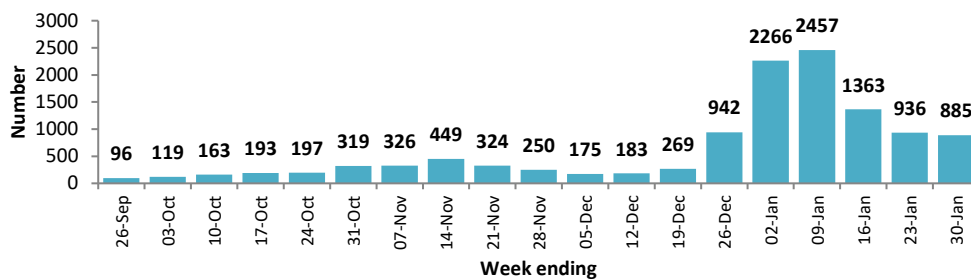
The number of hospital acquired cases during this wave has remained lower than the peak of 495 hospital acquired cases during the week ending 17th Jan last year.

Number of health service staff absent due to COVID-19



The number of staff absent due to COVID-19 has decreased from a recent peak of 10,343 cases on 7th Jan to 4,245 cases on 4th Feb. This is a decrease of 59% compared to the peak. The number of staff absent due to COVID-19 has decreased from a recent peak of 10,343 cases on 7th Jan to 4,245 cases on 4th Feb. This is a decrease of 59% compared to the peak. The number of staff absent due to COVID-19 has decreased from a recent peak of 10,343 cases on 7th Jan to 4,245 cases on 4th Feb. This is a decrease of 59% compared to the peak.

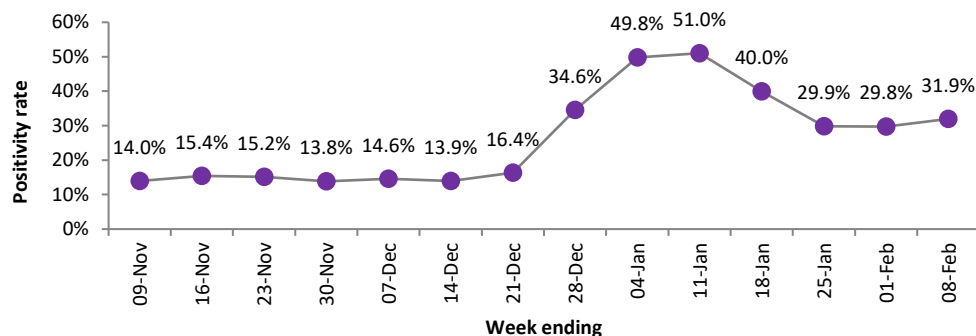
Number of new lab confirmed cases of COVID in hospital staff, by week



The number of new laboratory confirmed cases of COVID in hospital staff is significantly higher over the past 6 weeks than in previous months, but is trending downwards. Down 5% on last week

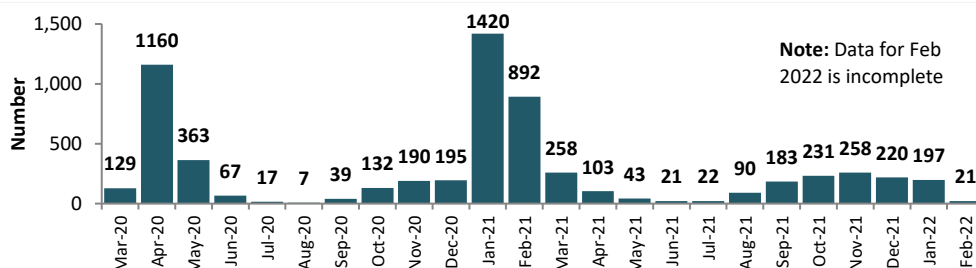
**Based on available unvalidated information from hospitals on confirmed cases among staff.*

Positivity rate for COVID-19 PCR tests by week



The positivity rate remains very high but was below 32% over last 3 weeks, after increasing sharply to 51% for the week ending 11th January. Positivity rate for this week (31.9% is a slight increase on last week 29.8%)

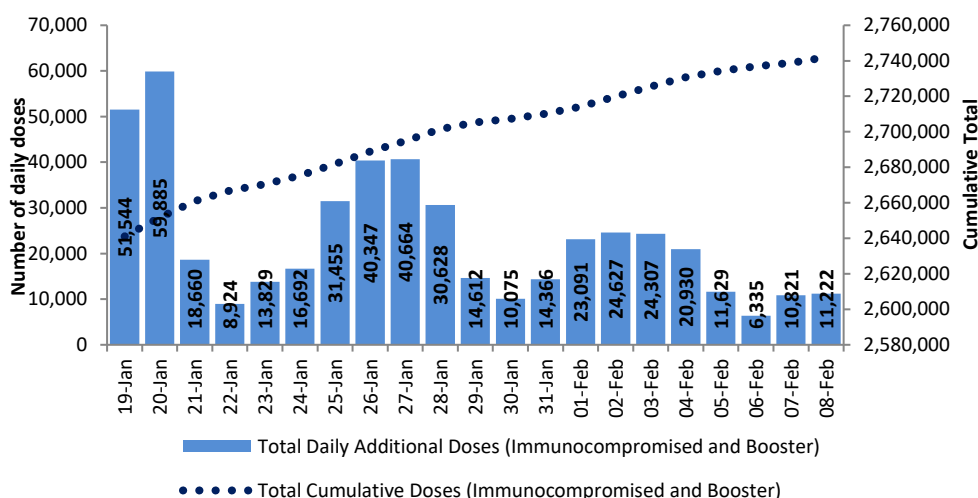
The positivity rate may be impacted by presentations post positive antigen test.



The deaths of 6,258 people with confirmed, probable or possible COVID-19 have been reported to date (up to 8th February).

The deaths of 21 people during the month of February 2022 have been reported to 8th February.

Daily doses of COVID-19 Additional vaccinations, 19th Jan – 8th Feb



Up to 8th February **2,741,963 additional dose vaccinations** have been administered, 121,525 (4.4%) of which were administered to the immunocompromised.

In the latest week (2nd-8th Feb) 62,425 total doses were administered (including first, second & additional doses).

To date, **63,864 children aged 5-9 years and 41,077 children aged 10-11 years** have received their 1st dose.

Key trends & recent changes:

- In the **7 days up to 9nd February** there were **37,383 new cases** reported (**based on positive PCR results uploaded to the COVID Care Tracker**); **up 10% on the previous week** (33,885 new cases in the 7 days up to 2nd February). Compared to the previous week, the **5 day moving average is down 5% and compared to two weeks ago, down 0.4%**
- In addition, over the past 7 days 36,614 people reported a positive antigen test to the HSE portal (average of 5,231 per day).
- 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.

Hospital activity:

- The number of patients with confirmed COVID currently **in hospital is down 0.5% compared to last week** 630 at 8am on 2nd February, 627 at 8am on 9th February).
- Over the past 7 days there have been **275 admissions of COVID positive patients to hospital** (an average of 39 per day), **down 26% on the previous week** (371 new admissions in the 7 days up to 2nd February).
- Data from the NOCA ICU Bed Information System shows that the number of **confirmed COVID cases in ICU is up 5% compared to last week** (65 on 2nd February, 68 on 9th February).
- **In addition to patients in ICU, on 9th February 164 patients were receiving non-invasive ventilation outside ICU (48 patients with COVID and 116 non-COVID patients), down from 179 on the same day last week.**

Cases admitted to ICU (15 and above) between 27th June 2021 and 5th February 2022

- 868 people with COVID-19 were admitted to ICU between 27th June 2021 and 5th February 2022
 - Of the 868:
 - 70 (8.1%) remain in ICU,
 - 506 (58.3%) were discharged alive, median length of stay 9 days (range 1-98)
 - 292 (33.6%) sadly died in ICU, median length of stay 11.5 days (range 1-97).
 - Median age of 60 years, range 15-89
 - 686 (79%) had one or more underlying conditions, 182 (21%) had no underlying conditions
 - Most frequent underlying conditions were hypertension (313), chronic heart disease (239) and chronic respiratory disease (214)
 - Pregnancy or being less than six weeks post-partum was reported in 40 cases
 - Median age 33 (range 15-43)
 - 15 (37.5%) had underlying conditions
 - 36 cases (90%) reported not having received a vaccine, 2 (5%) reported having received one dose of a two dose regimen, and 2 (5%) reported having received two doses of a two dose regimen.

Outbreaks:

- For the most recent week (ending 5th February), there were 17 new outbreaks in acute hospitals reported.
- There were 27 new outbreaks in nursing homes.
- There was 2 new outbreak in community hospitals / long-term care facilities.
- There were 20 new outbreaks in residential institutions.
- There were 7 new outbreaks associated with schools.
- There was 1 new outbreak associated with childcare facilities.
- There was 1 new outbreak in workplaces
- Note data on outbreaks are provisional and subject to ongoing review, validations and updating.

Conclusion:

We continue to see positive trends in the data, as cases remain relatively stable over the last three weeks and hospital and ICU admissions trend downwards. Confirmed cases of COVID-19 in staff remain high but are decreasing. Hospital acquired COVID-19 cases remain high, but are lower than the peak of January 2021.