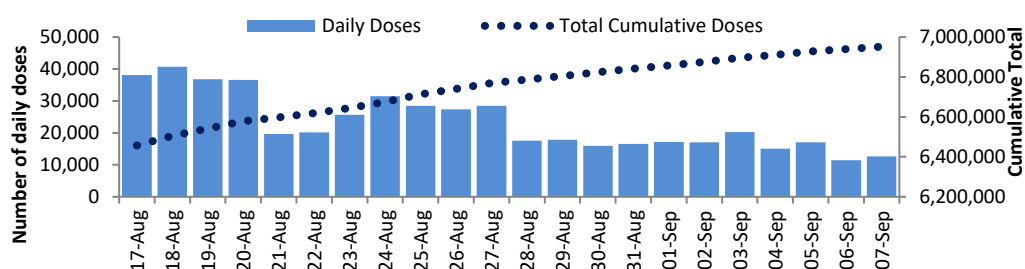


COVID-19 Data Summary, Wednesday 8th September 2021

Introduction:

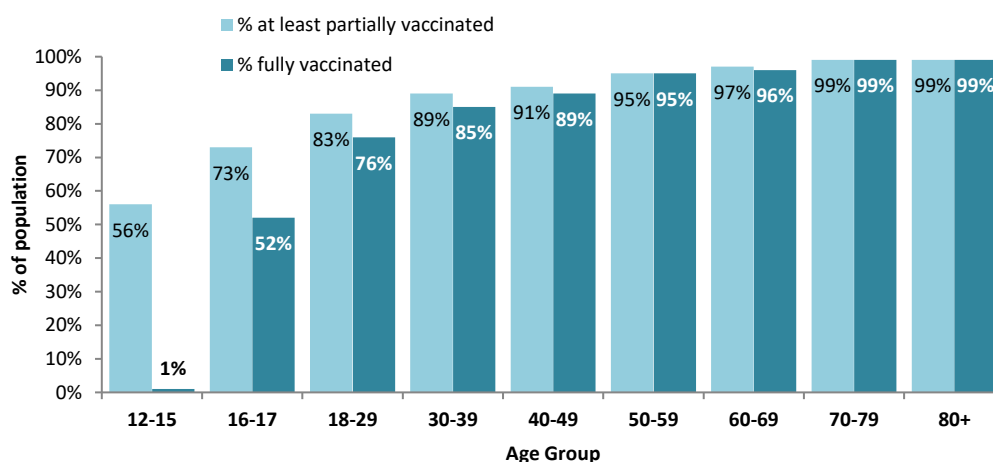
As restrictions continue to ease and numbers of cases currently stabilise we will continue to monitor the situation closely to predict future pressures on the hospital system and to assess effectiveness of control measures.

Daily & cumulative doses of COVID-19 vaccinations



Up to 7th Sept, **6,951,936** COVID vaccine doses have been administered (**3,486,487** first doses, **3,231,807** second doses and **233,642** single doses). In the **7 days up to 7th Sept** a total of **110,705** doses were administered (average of **15,815** per day).

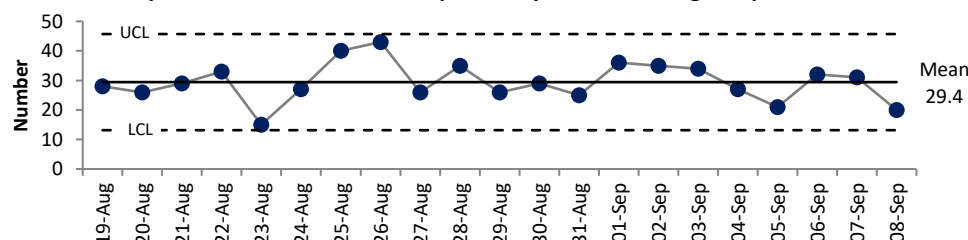
Percentage of population fully & partially vaccinated by age group, 2nd Sept



As of 2nd September, 99% of the population aged 70+ years were fully vaccinated, 96% of people aged 60-69 years were fully vaccinated and 95% of people aged 50-59 were fully vaccinated.

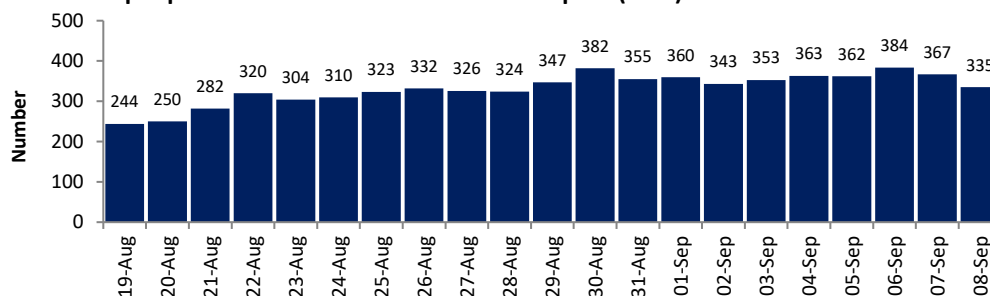
Among younger people, 56% of children aged 12-15 years were at least partially vaccinated, 73% of people aged 16-17 years were at least partially vaccinated, and 83% of 18-29 year olds were at least partially vaccinated.

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



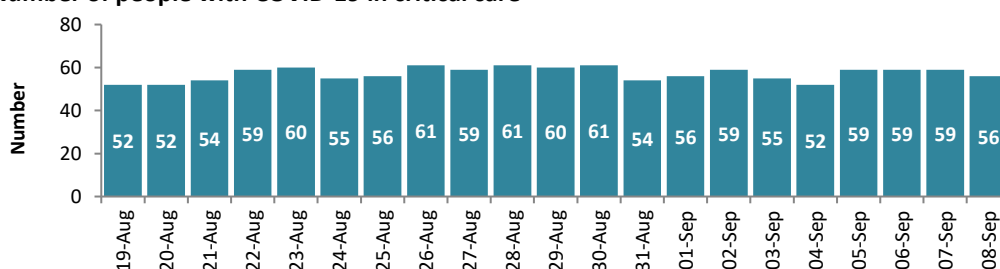
The SPC chart shows that the number of new admissions of COVID positive patients is **stable**. 20 admissions today, with a total of 200 admissions over the past 7 days (down 9% on the previous week).

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



The number of people with COVID in hospital fluctuates by day (usually higher at weekends) but **overall appears stable**. The number in hospital has decreased for the past 2 days but it is too soon to determine if this is a trend. 335 in hospital at 8am today, **down 7% on the same day last week**.

Number of people with COVID-19 in critical care

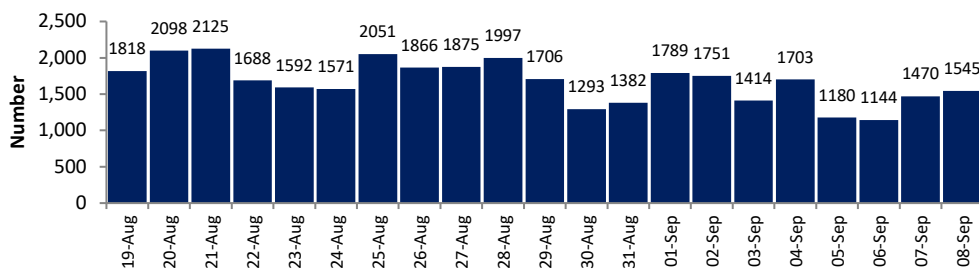


The number with COVID-19 in **critical care** had been slowly increasing in recent weeks but **now appears to be relatively stable**.

Currently 56 in ICU (the same as this day last week).

6 new admissions today.

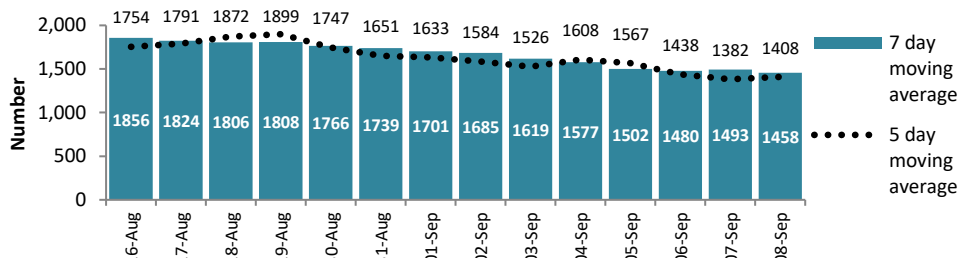
Number of new cases per day (last 3 weeks)



The number of new cases **fluctuates** by day. While there had been an overall upward trend in recent weeks, cases are now trending downwards slowly.

New cases this week are down 14% on the previous week.

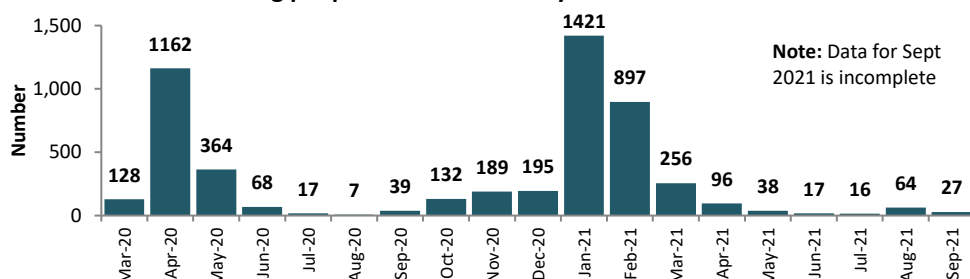
5 and 7 day moving averages of new cases per day (last 14 days)



Compared to last week, the **5 day average is down 14%** and the **7 day average is also down 14%**.

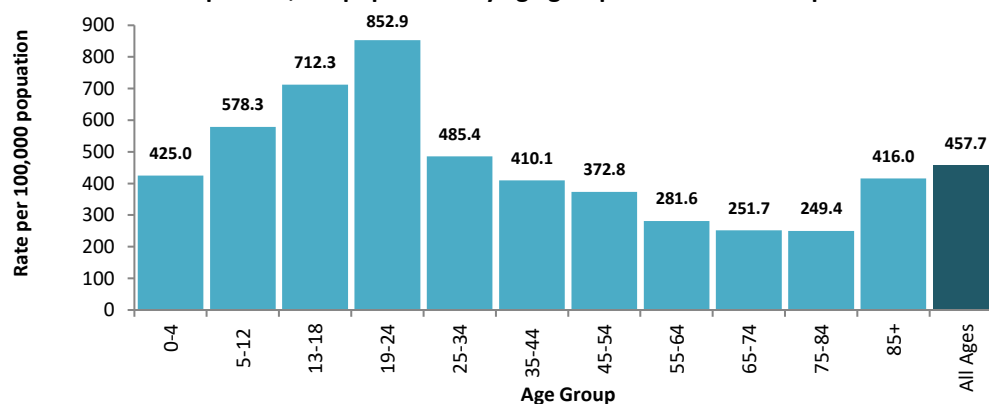
Compared to 2 weeks ago, the **5 day average is down 22%** and the **7 day average is down 21%**.

Number of deaths among people with COVID-19 by month



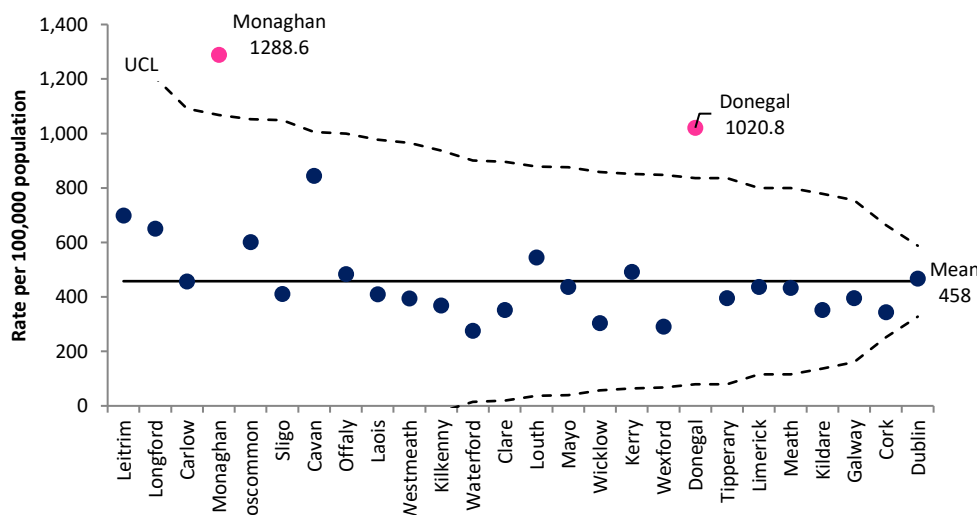
To date, the deaths of 5,155 people with confirmed, probable or possible COVID-19 have been reported. Deaths peaked during Jan-21 with 1,421 deaths during that month. The number of deaths decreased to 16 in Jul-21. There have been 64 deaths reported in Aug-21.

Rate of new cases per 100,000 population by age group notified over the past 2 weeks



Compared to last week the **overall 14 day incidence rate is down 12%**. The 14 day incidence rate is **highest among 19-24 year olds (down 20% on last week)**. The rate for **13-18 year olds decreased by 21%** and rate for 25-34 year olds decreased by 20%. The rates for all age groups decreased compared to last week with the exception of 0-4 year olds (up 2%).

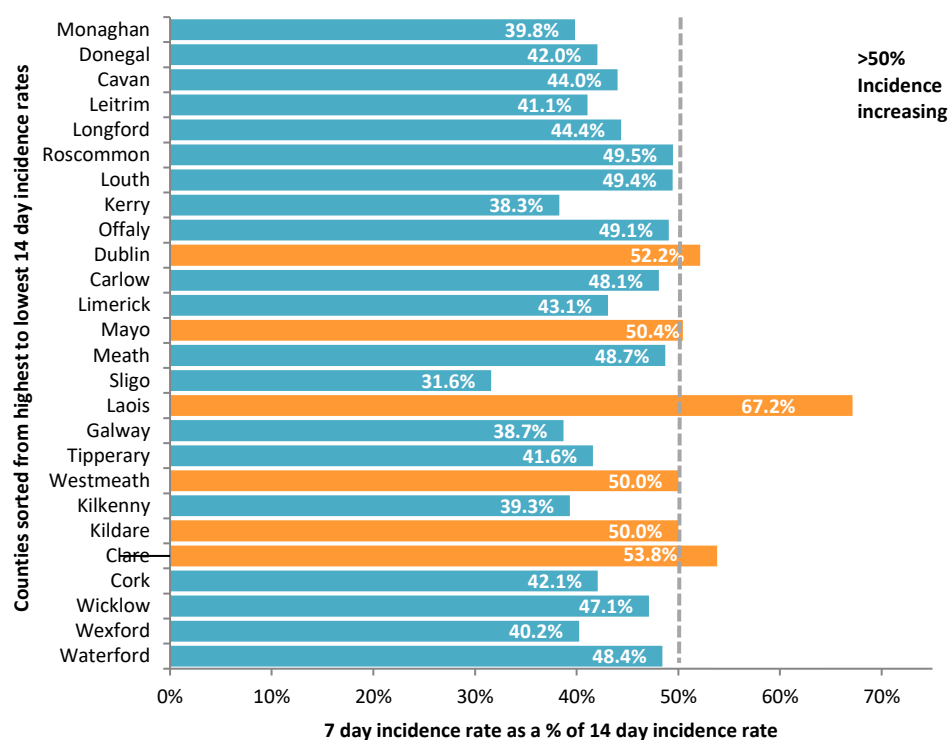
14-day incidence rate per 100,000 population by county notified from 25 August – 7 Sept



The SPC funnel plot shows that the rates of new cases in all counties are within the expected range of variation when compared to the national average, **with the exception of Monaghan and Donegal which are above the upper control limit.**

This is a signal that the current 14 day rates in Monaghan and Donegal are higher than expected relative to the national rate.

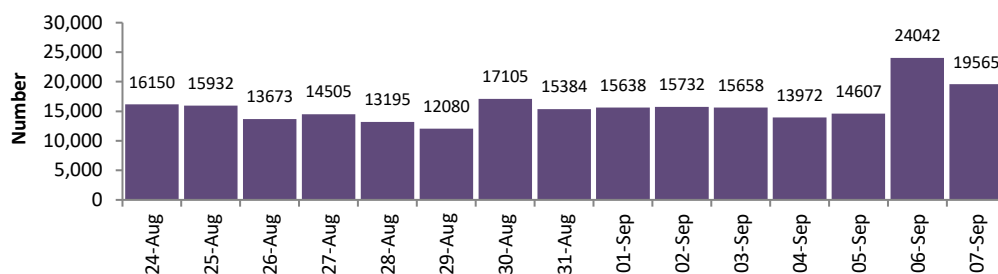
7 day incidence rate as a percentage of 14 day rate, 25 August – 7 Sept



The latest 14 day incidence rate is 457.7 per 100,000 population, while the 7 day incidence rate is 214.1. **The 7 day rate is less than half (46.8%) of the 14 day rate**; this means that there were **fewer new cases in the most recent 7 days than in the previous 7 days**.

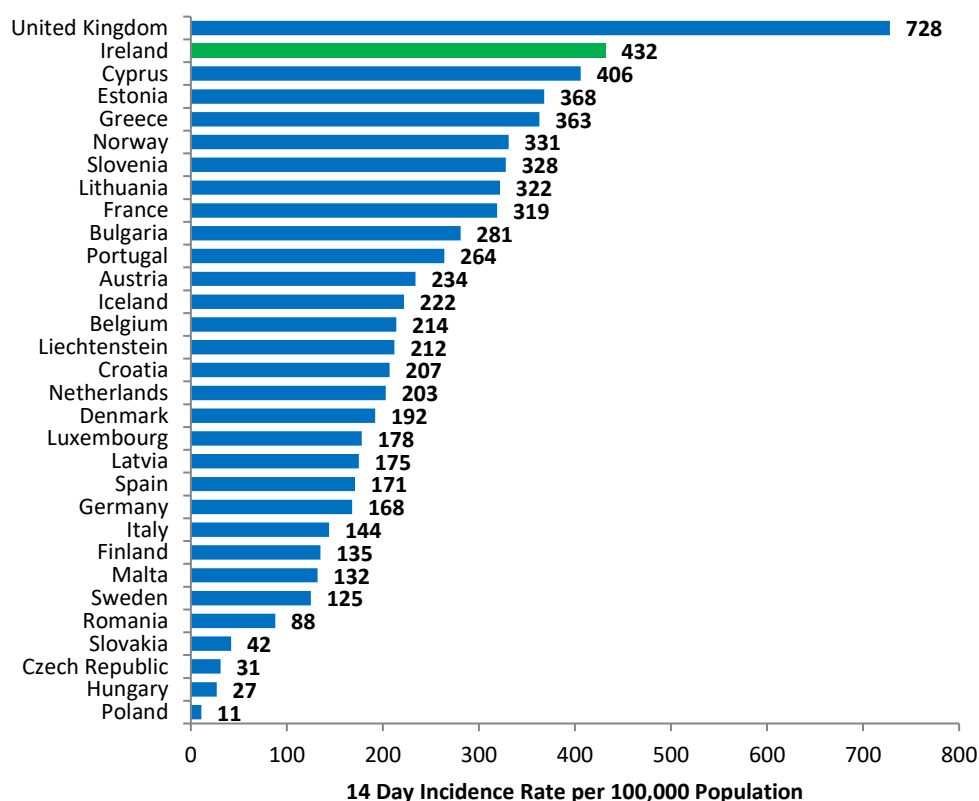
At county level, the 7 day rates for **6 counties are greater** than half of the 14 day rates. This is an improvement on the same day last week when 10 counties had a 7 day rate greater than 50% of their 14 day rate.

Number of community referrals for COVID-19 testing



Community referrals for COVID testing had been relatively stable, although there are now signs of an increase. Referrals for the most recent 7 days were up 17% on the previous 7 days, with referrals on Monday 6th Sept up 41% on the previous Monday.

14-day COVID-19 rates per 100,000 population EU/EEA & UK (WHO Data, 7th September)



Data from the WHO on COVID incidence rates within Europe shows that **the while the 14 day incidence rate in Ireland has decreased by 11% compared to 2 weeks ago, it remains the 2nd highest out of the 31 countries (2nd highest last week also)**. Ireland has the highest 14 day incidence rate in the EU.

The 14 day incidence rates in **18 of the 31 countries have increased** compared to 2 weeks ago. Rates have decreased in 13 countries.

Compared to 2 weeks ago, **4 countries have had increases of over 100%**, indicating that their rates have more than doubled in 2 weeks.

Key trends & recent changes:

- In the **7 days up to 8th September** there were 10,207 new cases reported; **down 14% on the previous week** (11,908 new cases in the 7 days up to 1st September). Compared to last week, the **5 day average is down 14% and compared to two week ago, down 22%**
- **41.7% of new cases over the past 2 weeks were among people ages 19-44 years.** 33.2% of new cases over the past 2 weeks were among children aged 0-18 years. 17.3% of new cases were among people aged 45-64 years and 7.9% were among people aged 65 and over.
- The 14 day incidence rate is currently 457.7 per 100,000. This varies significantly by age group, and for 0-34 year olds is 591 per 100,000, compared to 363 per 100,000 among 35-64 year olds and 268 per 100,000 among people aged 65 and over. **For 85+ the 14 day incidence rate is 416 per 100,000 population.**
- **The 7 day rate is less than half (46.8%) of the 14 day rate;** this means that there were **fewer new cases in the most recent 7 days than in the previous 7 days.**

Hospital activity:

- The number of patients with confirmed COVID currently **in hospital is down 7% compared to last week** (360 at 8am on 1st September, 335 at 8am on 8th September).
- Over the past 7 days there have been **200 admissions of COVID positive patients to hospital** (an average of 28.6 per day), **down 9% on the previous week** (220 new admissions in the 7 days up to 1st September).
- Over the past 7 days there have been **189 discharges of COVID positive patients from hospital** (an average of 27 per day), **down 20% on the previous week** (237 discharges in the 7 days up to 1st September)
- Data from the NOCA ICU Bed Information System shows that the number of **confirmed COVID cases in ICU is static compared to last week** (56 COVID-19 patients in ICU on 1st September, 56 on 8th September).
- **The last 14 days:** Of 21,796 new cases notified between **25th August & 7th September, 336 (1.5%) have been hospitalised** to date and **22 (0.1%) have been admitted to ICU.** Of these 336 hospitalised cases:
 - **33 (9.8%) were aged 0-18 years**, with 1 ICU admission in this age group
 - 48 (14.3%) were aged 19-34 years, with 5 ICU admissions in this age group
 - 96 (28.6%) were aged 35-64 years, with 10 ICU admissions in this age group
 - 159 (47.3%) were aged 65 and over, with 6 ICU admissions in this age group.

Outbreaks:

- For the most recent week (ending 4th September), there were **11 new outbreaks in acute hospitals** reported, with **52 linked cases.**
- There were **10 new outbreaks in nursing homes (up from 5 last week) with 152 linked cases.**
- There was 1 new outbreak in a community / long-stay hospital with 3 linked cases.
- There were 7 new outbreaks in residential institutions with 16 linked cases reported.
- There were 12 new outbreaks reported in schools (11 in primary and 1 in post-primary schools), with 52 confirmed linked cases.
- There were **22 new outbreaks associated with childcare facilities with 78 linked cases.**
- There were **5 new outbreaks among members of the Irish traveller community**, with 25 confirmed cases.
- **There were 21 new outbreaks in workplaces with 89 linked cases. These include 4 in the meat/poultry processing sector, 2 in the construction sector, 1 in other food production and processing, and 14 in 'other' workplaces**
- Note data on outbreaks are provisional and subject to ongoing review, validations and updating.

Conclusion:

The number of cases now appear to be reducing despite significant relaxation of population level control measures. Numbers in hospital and ICU are stable. We are seeing some outbreaks in nursing homes. The vaccination programme continues to provide protection to a greater percentage of the eligible population.