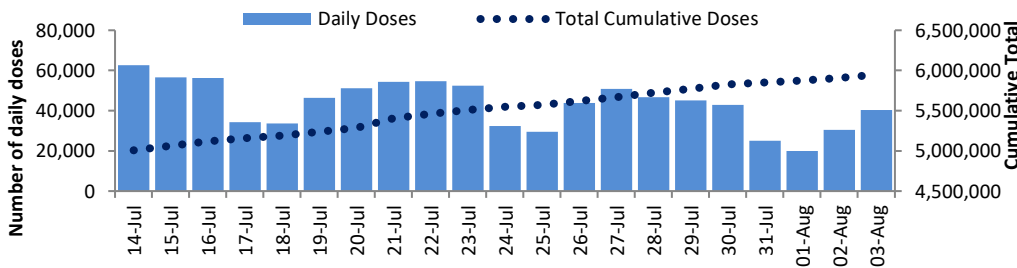


# COVID-19 Data Summary, Wednesday 4<sup>th</sup> August 2021

## Introduction:

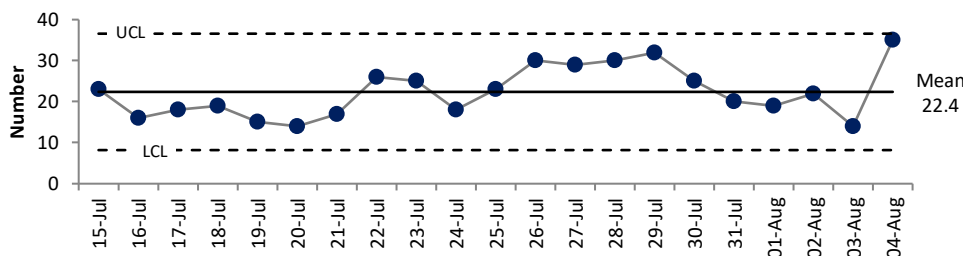
As restrictions continue to ease and numbers of cases rise slowly we will continue to monitor the situation closely to predict future pressures on the hospital system and to assess effectiveness of control measures.

### Daily & cumulative doses of COVID-19 vaccinations



Up to 3<sup>rd</sup> August, **5,948,704 COVID vaccine doses have been administered (3,135,842 first doses, 2,594,735 second doses and 218,127 single doses). In the 7 days up to 3<sup>rd</sup> August a total of 250,451 doses were administered (average of 35,779 per day).**

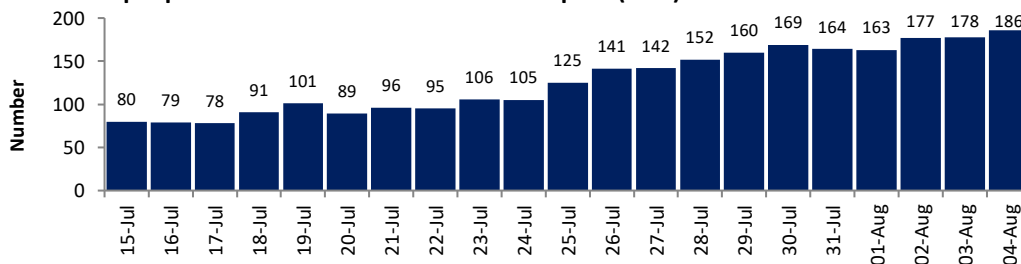
### Number of new confirmed COVID cases in hospital during the previous 24 hours



The SPC chart shows that the number of new confirmed COVID cases admitted is **stable around a higher mean (22.4 4<sup>th</sup> Aug, 12.1 21<sup>st</sup> July).**

35 today, with a **rolling 7 day decrease of 7% (168 week to 4<sup>th</sup> Aug, 181 week to 28<sup>th</sup> July)**

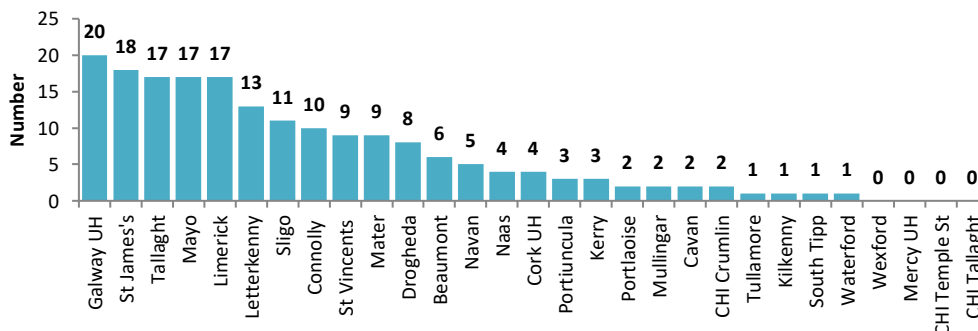
### Number of people with confirmed COVID-19 in hospital (8am)



The number of people with COVID in hospital fluctuates by day (usually higher at weekends) but **overall is trending upwards.**

186 in hospital at 8am today, **up 22% on the same day last week.**

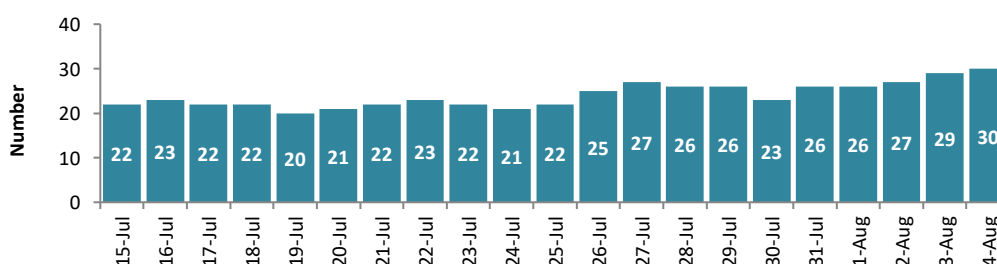
### Number of confirmed COVID-19 cases in hospital by hospital (8am on 4<sup>th</sup> August)



Of the 186 people in hospital with confirmed COVID, 20 are in Galway, 18 in St. James's, and 17 in each of Tallaght, Mayo and Limerick.

4 hospitals currently have no patients with confirmed COVID (compared to 5 last week).

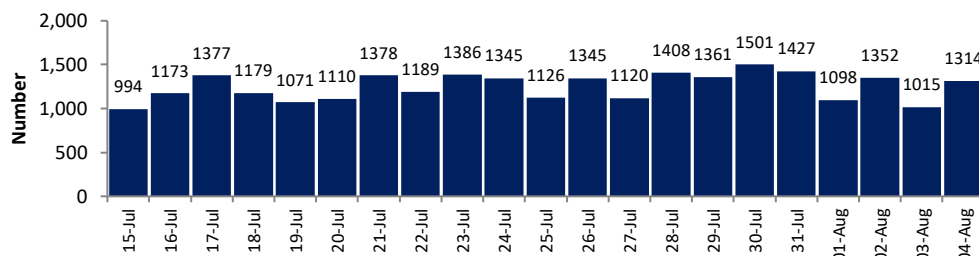
### Number of people with COVID-19 in critical care



The number with COVID-19 in **critical care has been relatively stable over the past 3 weeks, although there are signs of a slow increase.**

Currently 30 in ICU (up from 26 on the same day last week) with **3 new admissions today.**

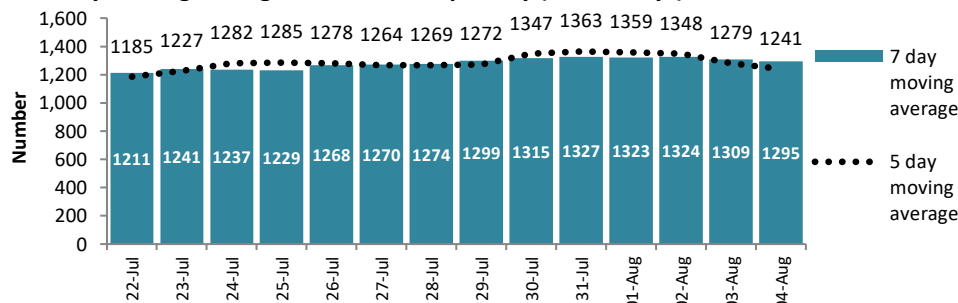
### Number of new cases per day (last 3 weeks)



The number of new cases fluctuates by day but the overall upward trend is beginning to stabilise.

**New cases this week are up 2% on the previous week (compared to an 8% increase last week).**

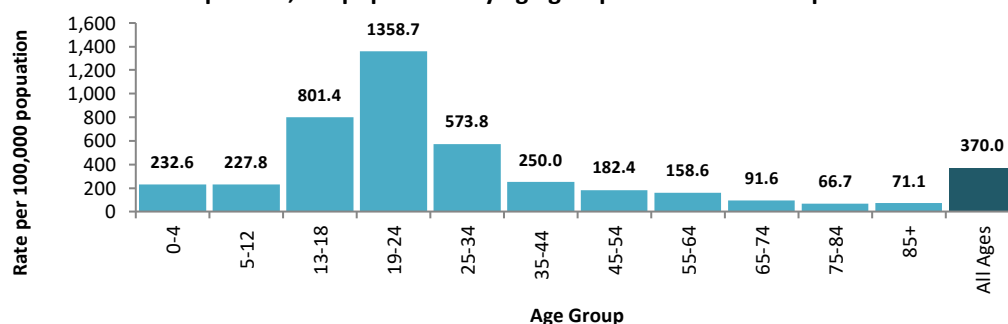
### 5 and 7 day moving averages of new cases per day (last 14 days)



Compared to last week, the **5 day average is down 2%**, (up 4% last week) and the **7 day average is up 2% (Up 8% last week)**.

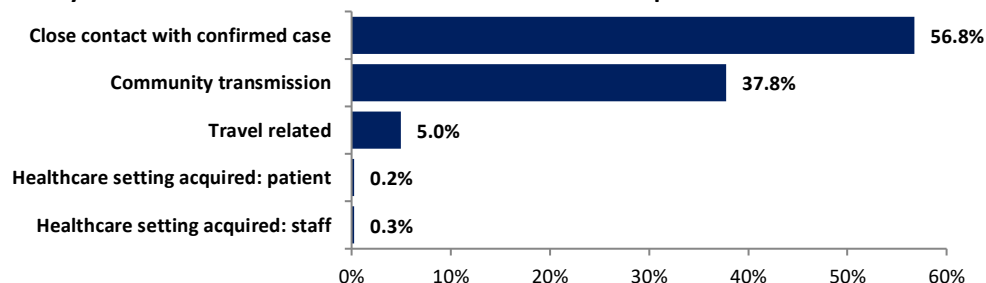
Compared to 2 weeks ago, the **5 day average is up 1%** and the **7 day average is up 9%**.

### 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 up 4%**. The 14 day incidence rate is **highest among 19-24 year olds (down 2% on last week)**. Compared to last week the rates for all other age groups increased. The rate among 75-84 year olds increased 20% and the rate among 5-12 year olds increased by 17%.

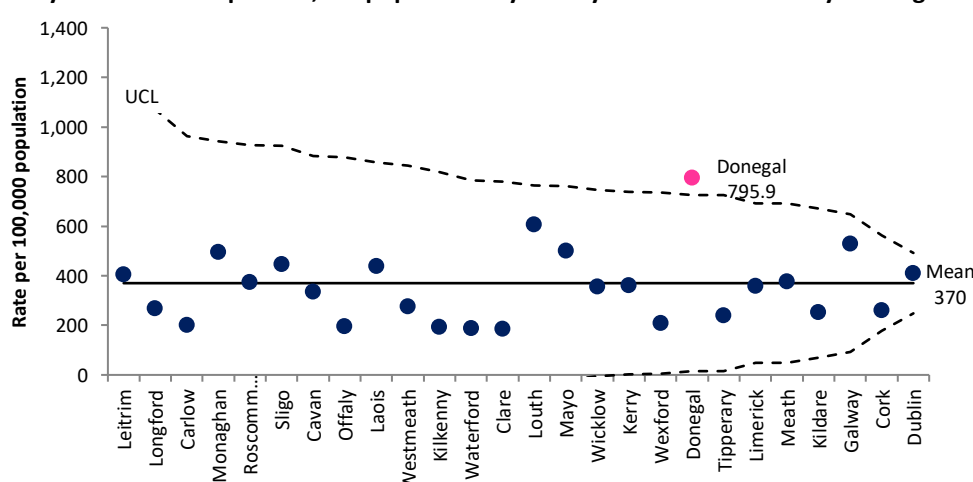
### Most likely transmission source of new cases notified over the past 2 weeks



**Note:** Transmission source remains under investigation for 11.3% of cases. The percentages above are based on those with known transmission source. Transmission source should be interpreted with caution as data may not be updated based on additional investigations undertaken by Departments of Public Health.

Of 15,171 new cases with known most likely transmission source notified within the past 2 weeks, 8,612 (56.8%) were close contacts. 752 (5.0%) were travel related. 76 (0.5%) were acquired in healthcare settings (37 patients & 39 staff), and 5,731 (37.8%) were community transmission (no other identified source).

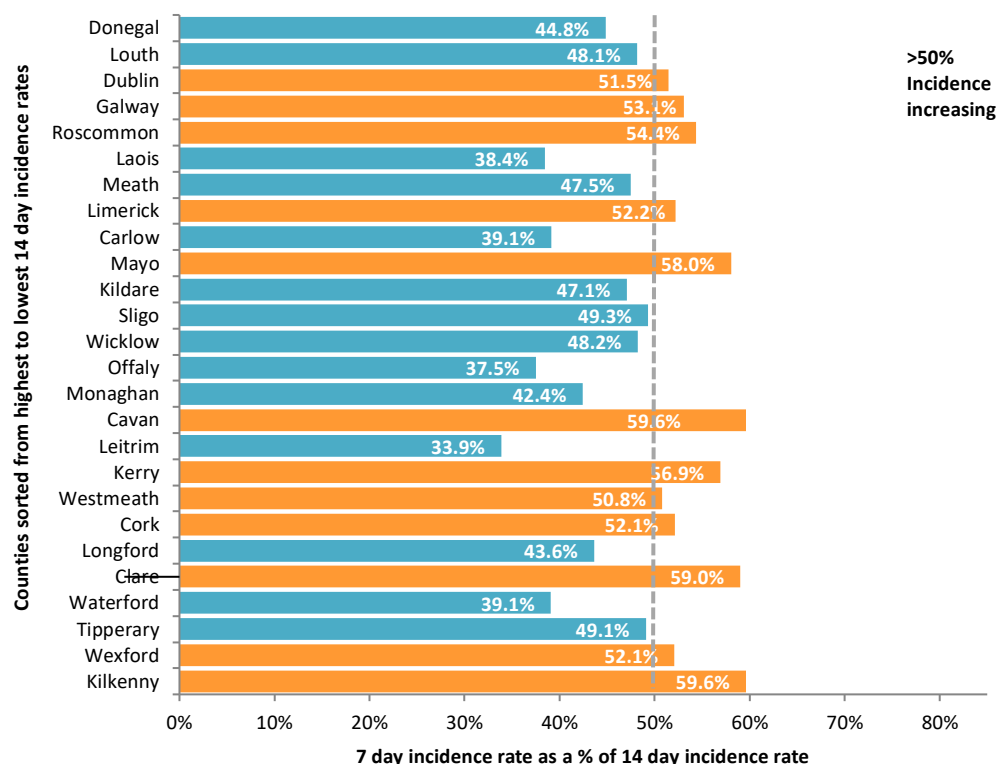
### 14-day incidence rate per 100,000 population by county notified from 27 July – 3 August



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 Donegal which is above the upper control limit.**

This is a signal that the current 14 day rate in Donegal is higher than expected relative to the national rate

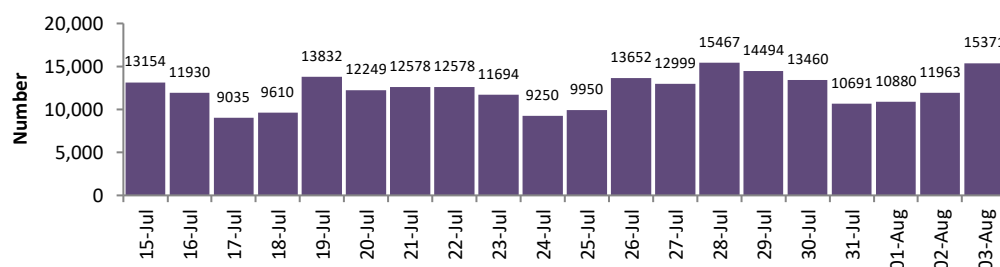
### 7 day incidence rate as a percentage of 14 day rate, 28 July-03 August



The latest 14 day incidence rate is 370 per 100,000 population, while the 7 day incidence rate is 186.4. **The 7 day rate is more than half (50.4%) of the 14 day rate**; this means that there were **more new cases in the most recent 7 days than in the previous 7 days**.

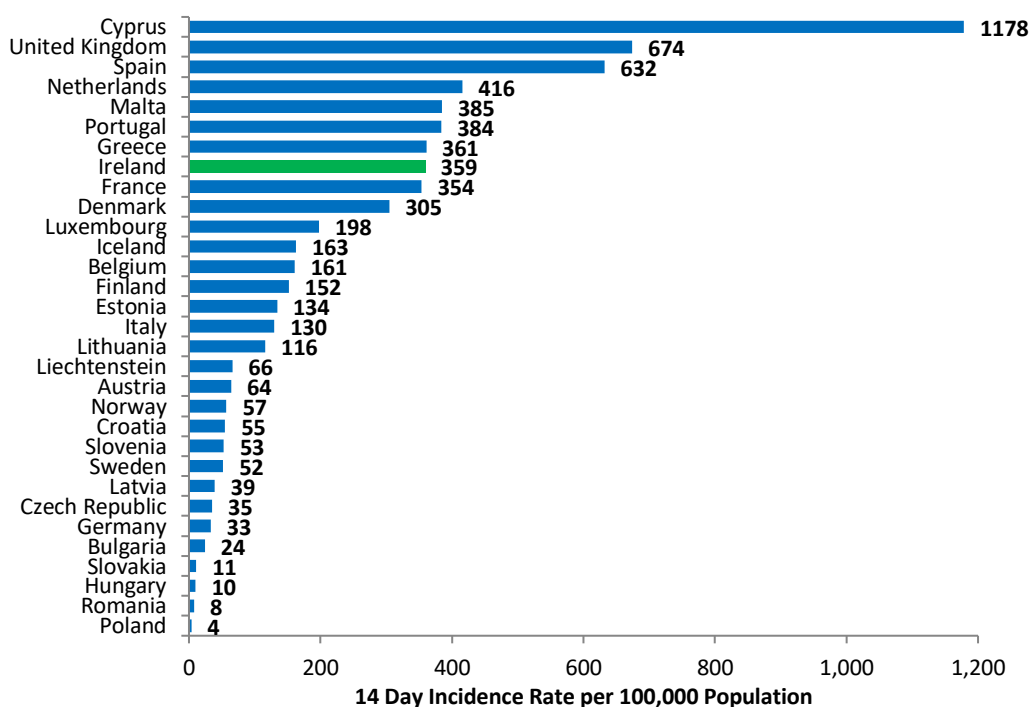
At county level, the 7 day rates for **12 counties** are greater than half of the 14 day rates. This is an improvement on the same day last week when 17 counties had a 7 day rate greater than 50% of their 14 day rate.

### Number of community referrals for COVID-19 testing



Community referrals for COVID testing have been slowing increasing over the past 3 weeks. Referrals for the most recent 7 days were up 12% on the previous 7 days, with an average of 13,189 referrals per day over the past week.

### 14-day COVID-19 rates per 100,000 population EU/EEA & UK (WHO Data, 3<sup>rd</sup> August)



Data from the WHO on COVID incidence rates within Europe shows that **the 14 day incidence rate in Ireland has increased by 61% compared to 2 weeks ago and is 8<sup>th</sup> highest out of the 31 countries (8<sup>th</sup> highest last week)**.

The 14 day incidence rates in **28 of the 31 countries have increased** compared to 2 weeks ago. Rates have decreased in 3 countries.

Compared to 2 weeks ago, 7 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 4<sup>th</sup> August** there were 9,068 new cases reported; **up 2% on the previous week** (8,919 new cases in the 7 days up to 28<sup>th</sup> July).
- **57.6% of new cases over the past 2 weeks were among people ages 19-44 years.** 28.4% of new cases over the past 2 weeks were among children aged 0-18 years. 11.1% of new cases were among people aged 45-64 years and 3% were among people aged 65 and over.
- The 14 day incidence rate is currently 370 per 100,000. This varies significantly by age group, and for 0-34 year olds is 592 per 100,000, compared to 203 per 100,000 among 35-64 year olds and 82 per 100,000 among people aged 65 and over.

### **Hospital activity:**

- The number of patients with confirmed COVID currently **in hospital is up 22% compared to last week** (186 at am on 4<sup>th</sup> August, 152 at 8am on 28<sup>th</sup> July).
- Over the past 7 days there have been **168 new confirmed cases in hospital** (an average of 24 per day), **down 7% on the previous week** (181 new cases in the 7 days up to 28<sup>th</sup> July).
- Data from the NOCA ICU Bed Information System shows that the number of **confirmed COVID cases in ICU is up 15% compared to last week, although absolute numbers remain low** (30 on 4<sup>th</sup> August, 26 on 28<sup>th</sup> July).

### **Outbreaks:**

- For the most recent week (ending 3<sup>rd</sup> July), there were **2 new outbreaks in acute hospitals** reported, with 12 linked cases.
- There were 2 new outbreaks in nursing homes 4 four linked cases.
- There were no new outbreaks in community hospitals / long-stay.
- There were 2 new outbreaks in residential institutions with 6 linked cases reported.
- There were **7 new outbreaks among members of the Irish traveller community**, with 47 linked cases.
- There were **13 new outbreaks associated with childcare facilities with 54 linked cases.**
- **There were 41 new outbreaks in workplaces with 110 linked cases. These include 1 in the meat/poultry processing sector, 5 in other food production and processing, 13 in the construction sector, and 22 in 'other' workplaces**
- Note data on outbreaks are provisional and subject to ongoing review, validations and updating.

### **Conclusion:**

Case numbers are beginning to show strong signs of stabilisation with a 2% reduction in the 5 day average and a 2% increase over 7 days (compared to two weeks ago a 5 day increase of 1% and seven day increase of 9%).

The number of people with confirmed COVID-19 in hospital is increasing; however the growth in the number of new confirmed cases admitted daily is exhibiting signs of emerging stability. There was a 7% reduction in total confirmed cases admitted in the seven days to 4<sup>th</sup> August compared to the previous week.

Numbers of COVID-19 patients in critical care are showing signs of slow increase.

The vaccination programme continues strongly with close to 6 million total doses administered. Number of daily vaccinations administered is showing signs of reducing as we come towards the final stages of adult vaccination.