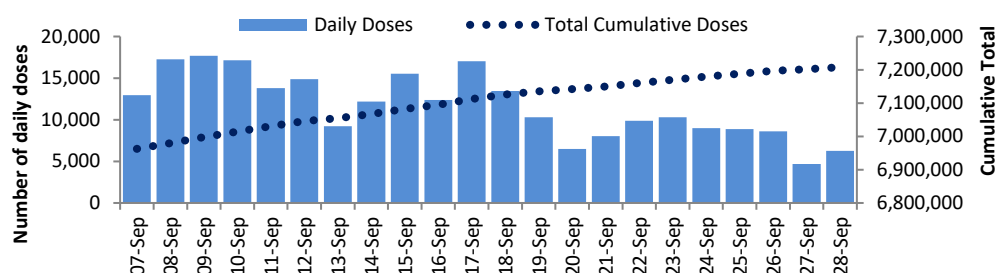


## COVID-19 Data Summary, Wednesday 29<sup>th</sup> September 2021

### Introduction:

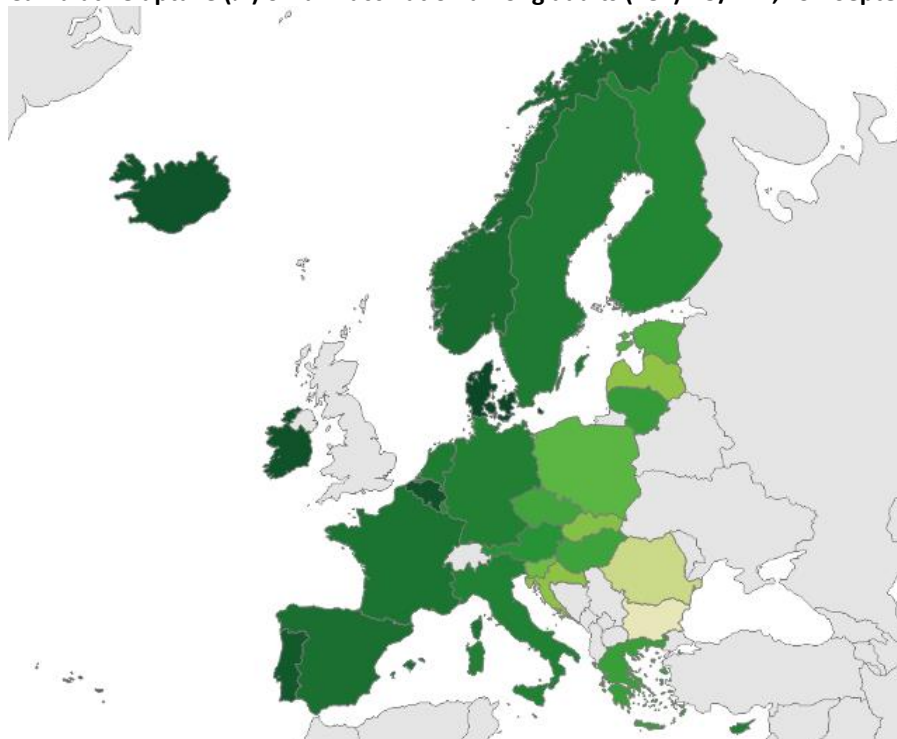
As restrictions continue to ease and numbers of cases currently stabilise we will continue to monitor the situation closely to predict future pressures on the hospital system and to assess effectiveness of control measures.

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



Up to 28<sup>th</sup> Sept, **7,207,797 COVID vaccine doses have been administered (3,533,171 first doses, 3,439,105 second doses and 235,521 single doses)**. In the 7 days up to 28<sup>th</sup> Sept a total of 57,597 doses were administered (average of 8,228 per day).

#### Cumulative uptake (%) of full vaccination among adults (18+) EU/EEA, 29<sup>th</sup> September



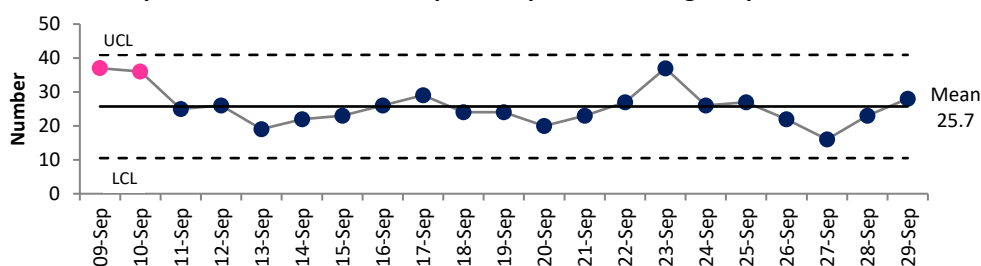
Data from ECDC shows that **79.3% of adults aged 18+ in the EU/EEA have received at least one COVID-19 vaccine dose, and 73.3% have been fully vaccinated**.

**Denmark has the highest proportion of adults fully vaccinated (94.8%), followed by Ireland (91.1%), Belgium (91.1%), Iceland (90.8%) and Malta (90.0%).**

Bulgaria currently has the lowest proportion of adults fully vaccinated (22.7%), followed by Romania (33.5%), Latvia (49.1%), Croatia (49.6%) and Slovakia (51.3%).

21 of the 30 countries for which data is available currently have uptake rates of less than 80%.

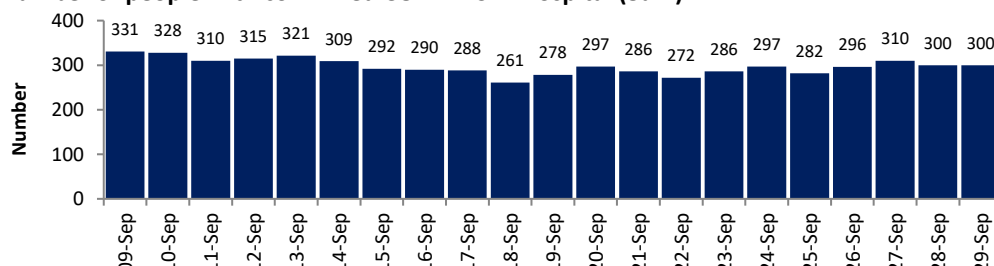
#### Number of hospital admissions of COVID positive patients during the previous 24 hours



**The SPC chart** shows that the number of new admissions of COVID positive patients has been **stable** since 11<sup>th</sup> Sept.

28 admissions today, with a total of 179 admissions over the past 7 days (up 3% on the previous week).

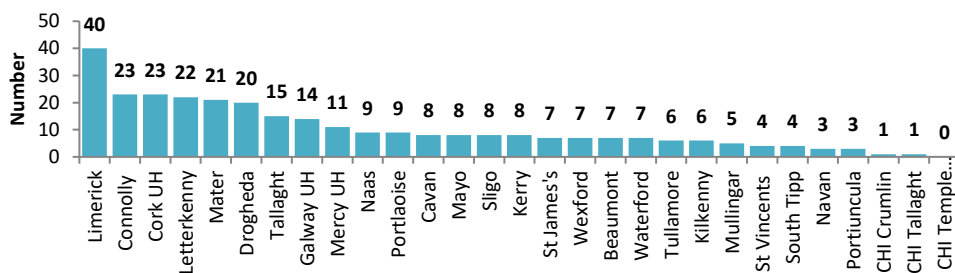
#### Number of people with confirmed COVID-19 in hospital (8am)



The number of people with COVID in hospital fluctuates by day (usually higher at weekends), and is **relatively stable** (although slightly higher in recent days).

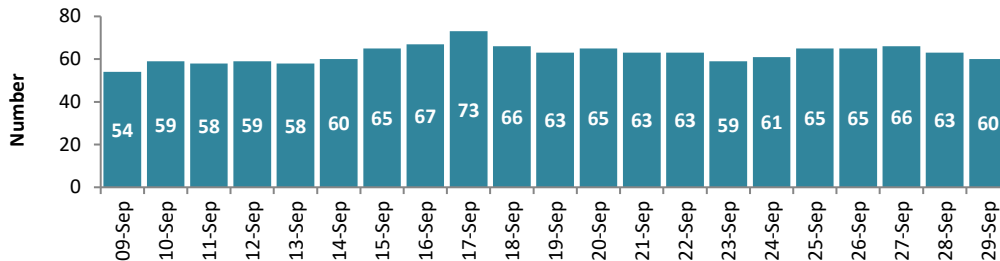
300 in hospital at 8am today, **up 10% on the same day last week**.

### Number of people with confirmed COVID-19 in hospital, by hospital (8am on 29<sup>th</sup> Sept)



Of the 300 people with confirmed COVID-19 in hospital, **University Hospital Limerick has the highest number (40 people)**, followed by Connolly (23), Cork UH (23), Letterkenny (22), Mater (21) & OLOL Drogheda (20). These 6 hospitals account for almost half (49.7%) of cases.

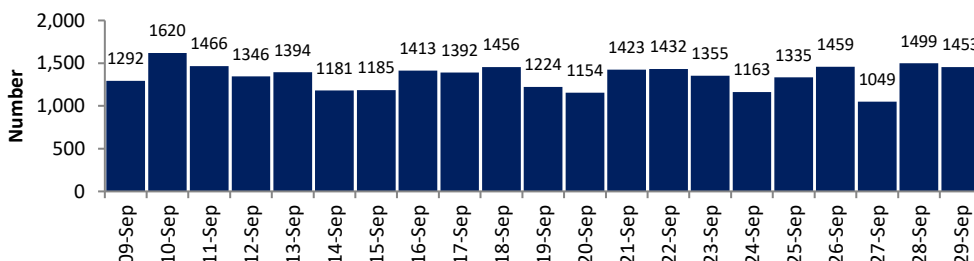
### Number of people with COVID-19 in critical care



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

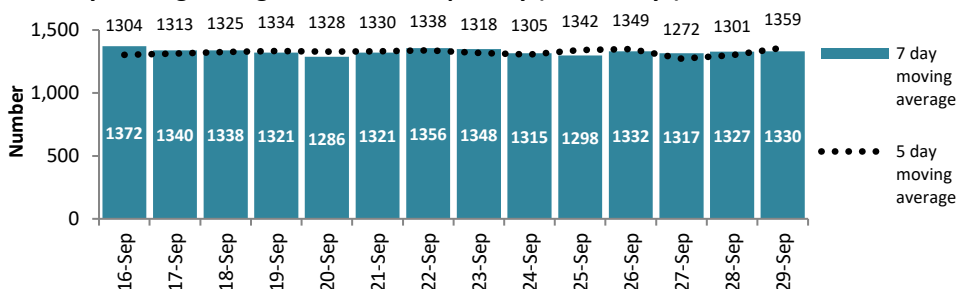
Currently 60 in ICU (down 3 on the same day last week). **4 new admissions today.**

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



The number of cases in the past 7 days is almost unchanged compared to the previous week (down 2%).

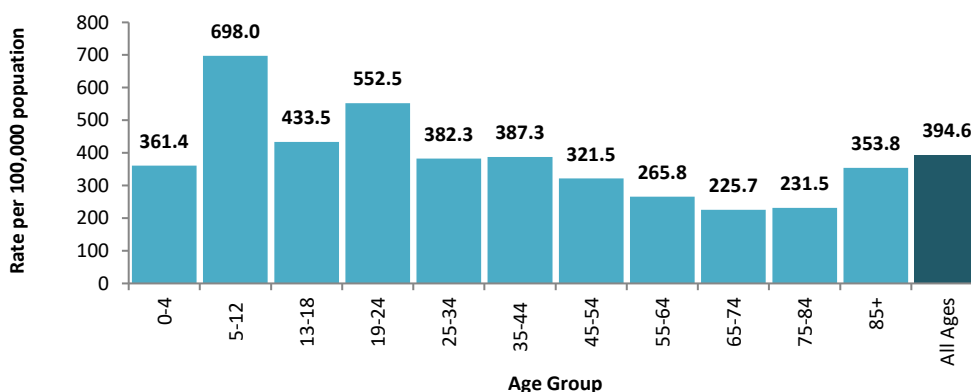
### 5 and 7 day moving averages of new cases per day (last 14 days)



Compared to last week, the **5 day average is up 2%** and the **7 day average is down 2%.**

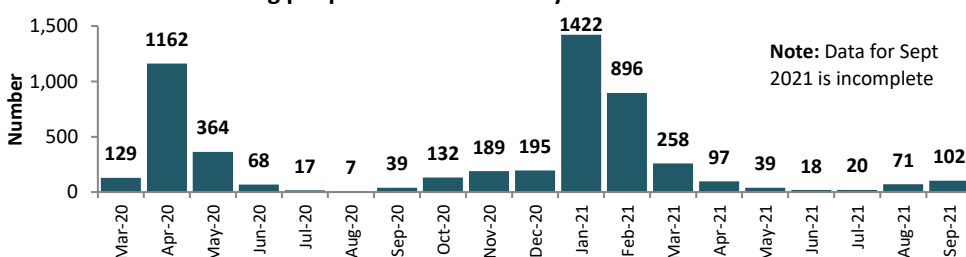
Compared to 2 weeks ago, the **5 day average is up 3%** and the **7 day average is down 2%.**

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



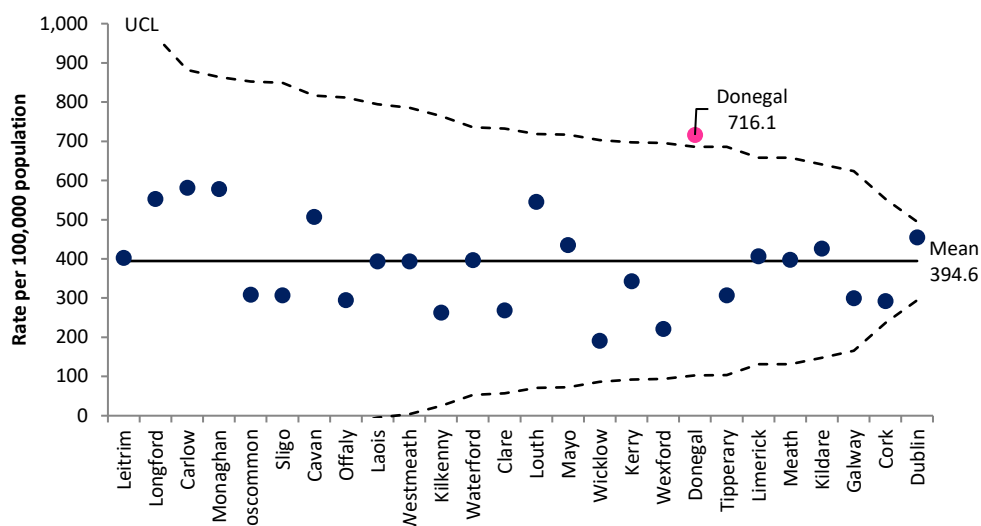
Compared to last week the **overall 14 day incidence rate is up 2%**. The 14 day incidence rate is **highest among 5-12 year olds (down 9% on last week)**. The rates for ages 0-4, 5-12 and 13-18 years have decreased compared to last week. The rates for all other age groups increased, including **55-64 (+21%), 65-74 (+22%), 75-84 (+13%), 85+ yrs (+10%)**.

### Number of deaths among people with COVID-19 by month



To date, the deaths of 5,249 people with confirmed, probable or possible COVID-19 have been reported. Deaths peaked during Jan-21 with 1,422 deaths during that month. There have been 102 deaths reported to date in September 2021.

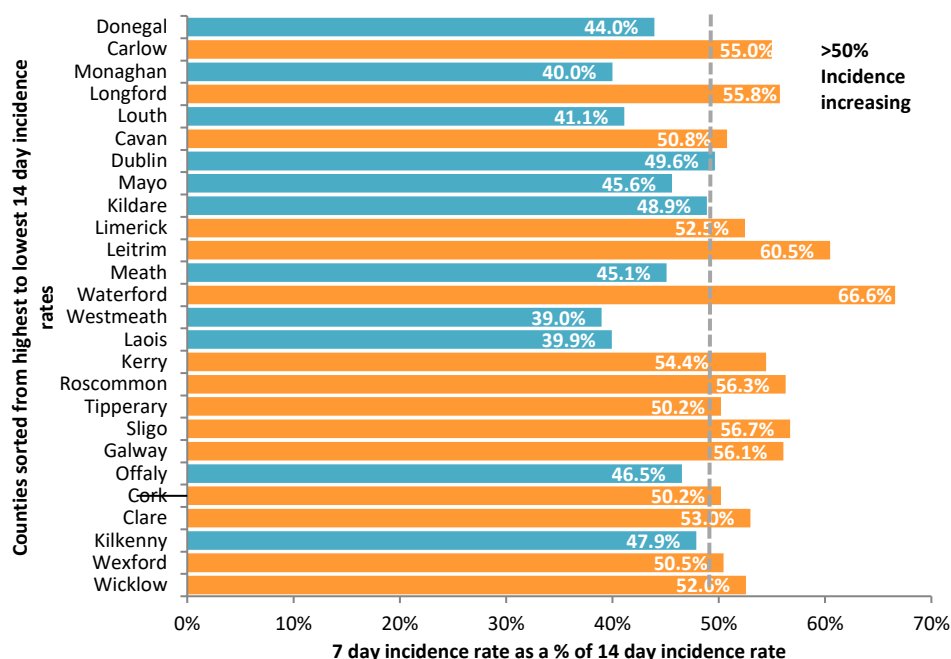
### 14-day incidence rate per 100,000 population by county notified from 15-28 September



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. All other counties are within the expected range of variation relative to the national rate.

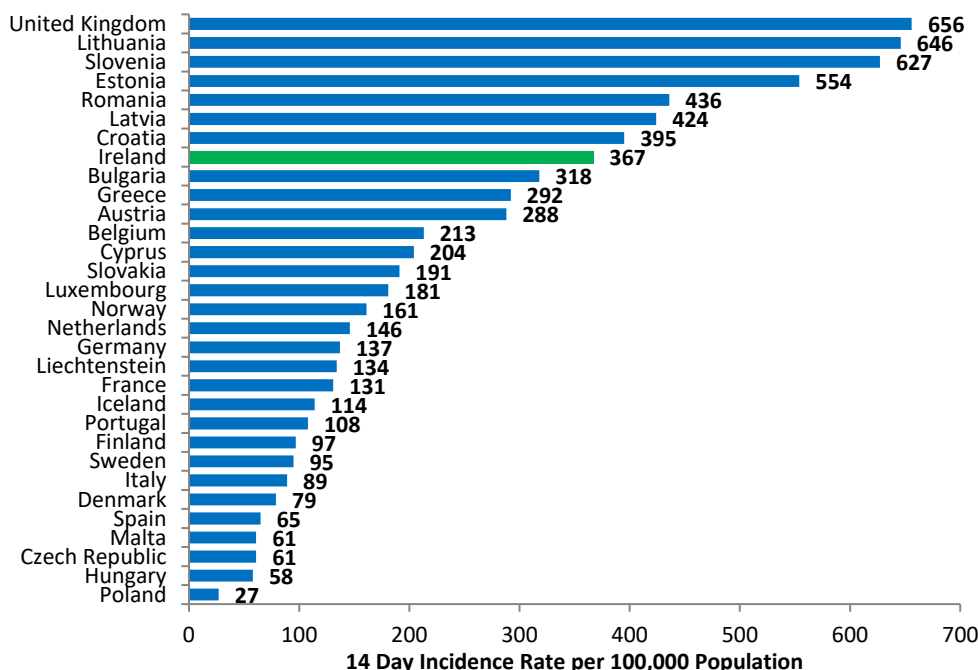
### 7 day incidence rate as a percentage of 14 day rate, 15-28 September



The latest 14 day incidence rate is 394.6 per 100,000 population, while the 7 day incidence rate is 194.2. **The 7 day rate is slightly less than half (49.5%) 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 **15 counties are greater** than half of the 14 day rates. This is a disimprovement on the same day last week when 14 counties had a 7 day rate greater than 50% of their 14 day rate.

### 14-day COVID-19 rates per 100,000 population EU/EEA & UK (WHO Data, 28<sup>th</sup> September)



Data from the WHO on COVID incidence rates within Europe shows that **the 14 day incidence rate is now the 8<sup>th</sup> highest out of the 31 countries (5<sup>th</sup> highest last week).**

The 14 day incidence rates in **13 of the 31 countries have increased** compared to 2 weeks ago. Rates have **decreased in 18 countries, including Ireland (down 11%).**

### Key trends & recent changes:

- In the **7 days up to 29<sup>th</sup> September** there were 9,313 new cases reported; **down 2% on the previous week** (9,494 new cases in the 7 days up to 22<sup>nd</sup> September). Compared to last week, the **5 day average is up 2% and compared to two weeks ago, up 3%.**
- **35.3% of new cases over the past 2 weeks were among children aged 0-18 years.** 38.6% of new cases over the past 2 weeks were among people ages 19-44 years. 17.9% of new cases were among people aged 45-64 years and 8.2% were among people aged 65 and over.
- The 14 day incidence rate is currently 394.6 per 100,000. This varies significantly by age group, and for 0-34 year olds is 490 per 100,000, compared to 333 per 100,000 among 35-64 year olds and 241 per 100,000 among people aged 65 and over. For 85+ the 14 day incidence rate is 354 per 100,000 population.
- **The 7 day rate is slightly less than half (49.5%) 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 up 10% compared to last week** (272 at 8am on 22<sup>nd</sup> September, 300 at 8am on 29<sup>th</sup> September).
- Over the past 7 days there have been **179 admissions of COVID positive patients to hospital** (an average of 25.6 per day), **up 3% on the previous week** (173 new admissions in the 7 days up to 22<sup>nd</sup> September).
- Data from the NOCA ICU Bed Information System shows that the number of **confirmed COVID cases in ICU is down 3 compared to last week** (63 COVID-19 patients in ICU on 22<sup>nd</sup> September, 60 on 29<sup>th</sup> September).
- **The last 14 days:** Of 18,791 new cases notified between **15<sup>th</sup> & 28<sup>th</sup> September, 305 (1.6%) have been hospitalised** to date and **15 (0.1%) have been admitted to ICU.** Of these 305 hospitalised cases:
  - **21 (6.9%) were aged 0-18 years**, with no ICU admissions in this age group
  - 30 (9.8%) were aged 19-34 years, with no ICU admissions in this age group
  - 98 (32.1%) were aged 35-64 years, with 8 ICU admissions in this age group
  - 156 (51.1%) were aged 65 and over, with 7 ICU admissions in this age group.

### **Outbreaks:**

- For the most recent week (ending 25<sup>th</sup> September), there were **8 new outbreaks in acute hospitals** reported (4 last week), with **40 linked cases.**
- There were **12 new outbreaks in nursing homes (4 last week) with 147 linked cases.**
- There was 1 new outbreak in community hospitals / long-term care facilities (2 last week) with 4 linked cases.
- There were 4 new outbreaks in residential institutions (7 last week) with 10 linked cases reported.
- There were **49 new outbreaks reported in schools** (90 last week) with 304 linked cases. Of the 49 new outbreaks, 43 were in primary schools, 2 were in post-primary schools and 4 were in special education schools.
- There were 7 new outbreaks associated with childcare facilities (9 last week) with 26 linked cases.
- There were **18 outbreaks in vulnerable populations** (10 last week); 17 among members of the Irish traveller community with 69 confirmed cases, and 1 outbreak among members of the Roma community with 2 confirmed cases.
- There were 21 new outbreaks in workplaces (13 last week) with 85 linked cases.
- Note data on outbreaks are provisional and subject to ongoing review, validations and updating.

### **Conclusion:**

The number of cases remains stable despite significant relaxation of population level control measures; however the incidence by age groups may be changing. The 14 day incidence rate decreased among younger people (up to the age of 18 years) compared to last week, but has increased among all other age group with the largest increase in incidence among people aged 55 years and older.

We are continue to see large numbers of outbreaks in primary schools and high incidence among primary school aged children, however both the number of primary school outbreaks and the 14 day incidence among 5-12 year olds have decreased compared to last week.