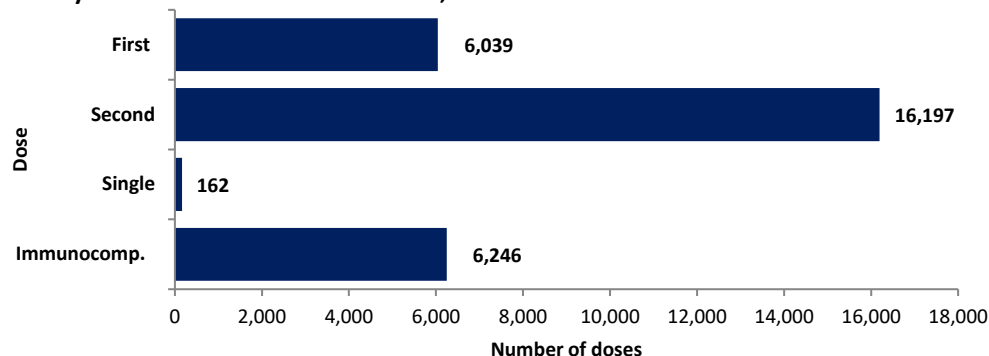


# COVID-19 Data Summary, Wednesday 13<sup>th</sup> October 2021

## Introduction:

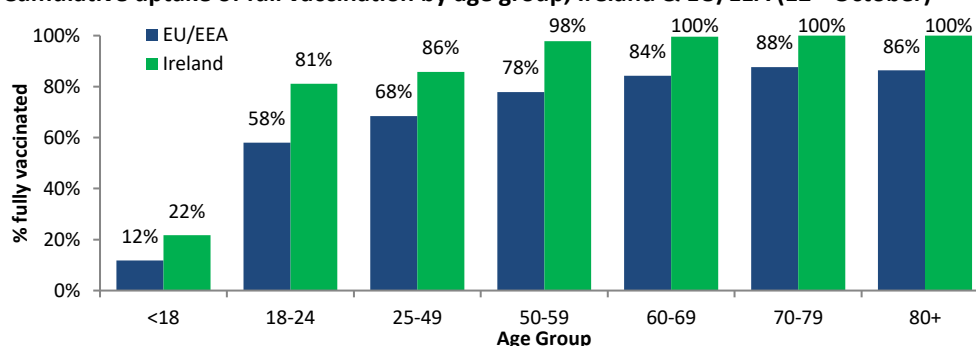
As restrictions continue to ease we will continue to monitor the situation closely to predict future pressures on the hospital system and to assess effectiveness of control measures.

**Weekly doses of COVID-19 vaccinations, 6<sup>th</sup>-12<sup>th</sup> October**



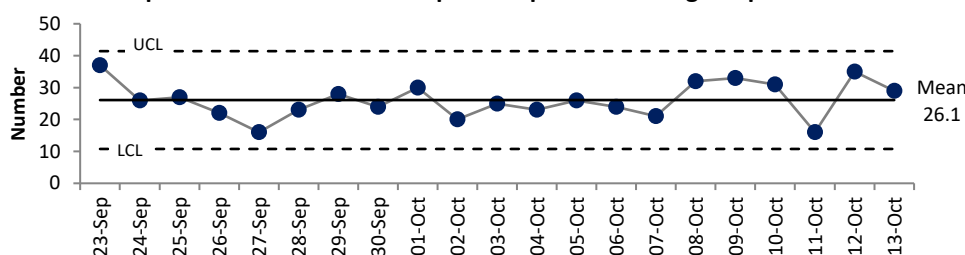
Up to 12<sup>th</sup> Oct, **7,272,434 COVID vaccine doses have been administered**. In the 7 days up to 12<sup>th</sup> Oct a total of 28,644 doses were administered, of which 21.1% (6,039) were first doses, 56.5% (16,197) were second doses, 0.6% (162) were single doses and **21.8% (6,246) were additional doses for immunocompromised people**.

**Cumulative uptake of full vaccination by age group, Ireland & EU/EEA (12<sup>th</sup> October)**



Data from ECDC shows that **74.5% of adults age 18+ in the EU/EEA have been fully vaccinated**, with 63.3% of the total population (including children) fully vaccinated. Uptake rates vary significantly by age group, with Ireland having higher uptake rates across all age groups compared to the EU/EEA.

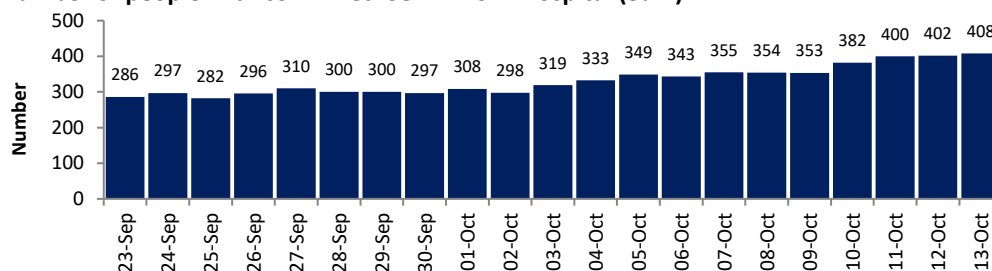
**Number of hospital admissions of COVID positive patients during the previous 24 hours**



The SPC chart shows that the number of new admissions of COVID positive patients has been **stable** over the past 3 weeks.

29 admissions today, with a total of 197 admissions over the past 7 days (up 15% on the previous week).

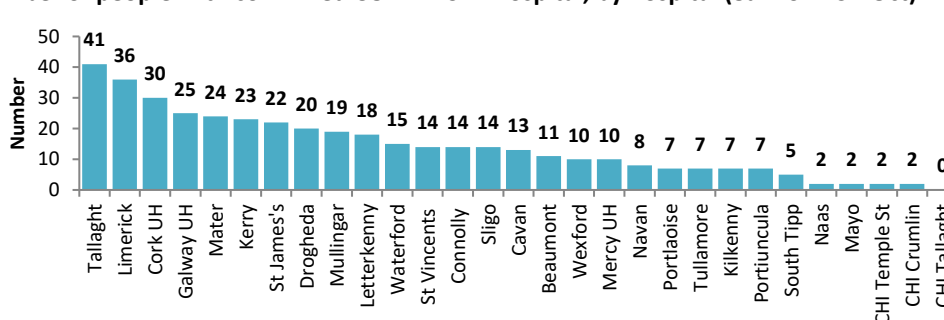
**Number of people with confirmed COVID-19 in hospital (8am)**



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

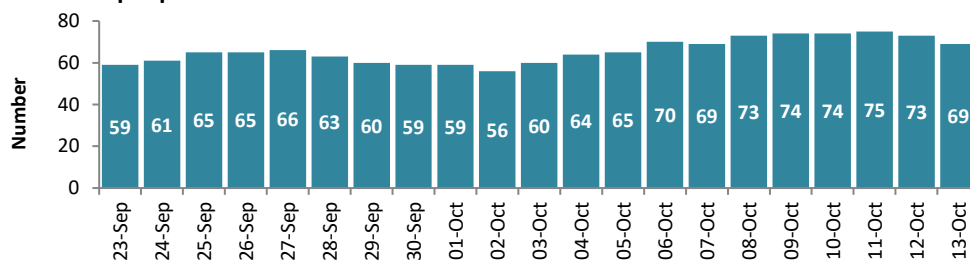
408 in hospital at 8am today, **up 19% on the same day last week**, and up 36% on two weeks ago.

**Number of people with confirmed COVID-19 in hospital, by hospital (8am on 13<sup>th</sup> Oct)**



Of the 408 people with confirmed COVID-19 in hospital, **Tallaght UH has the highest number (41 people)**, followed by UH Limerick (36), Cork UH (30), Galway UH (25) & Mater (24).

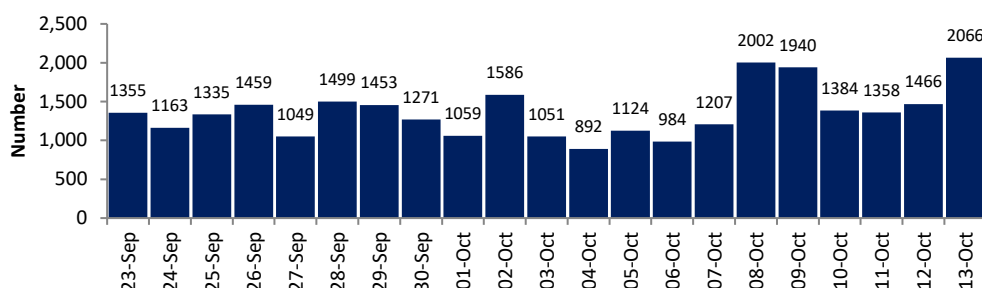
### Number of people with COVID-19 in critical care



The number with COVID-19 in critical care has increased in recent weeks but is **almost unchanged compared to the same day last week**.

Currently 69 in ICU (down 1 on the same day last week).  
**2 new admissions today.**

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

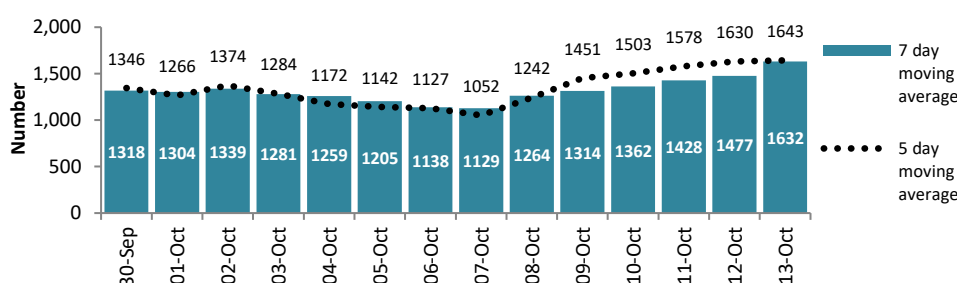


The number of cases fluctuates by day but has increased over the past week.

The **number of new cases in the past 7 days is up 43%** on the previous week.

2066 new cases today (107 of which were late notifications).

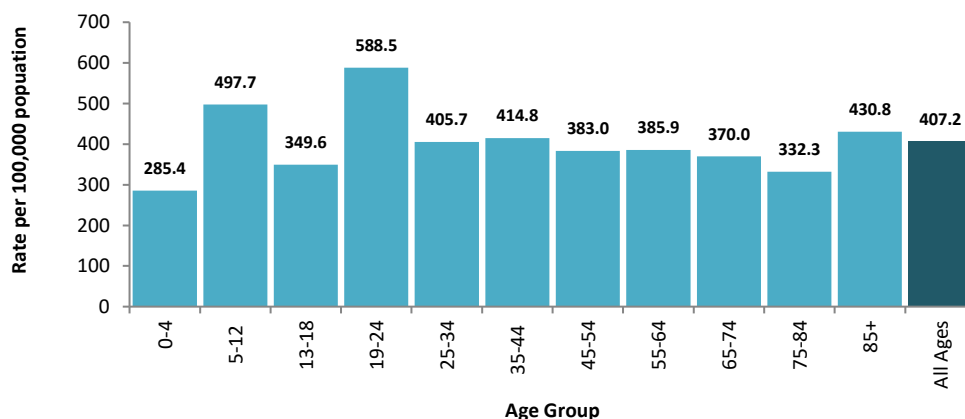
### 5 and 7 day moving averages of new cases per day (last 14 days)



Compared to last week, the **5 day average is up 46%** and the **7 day average is up 43%**.

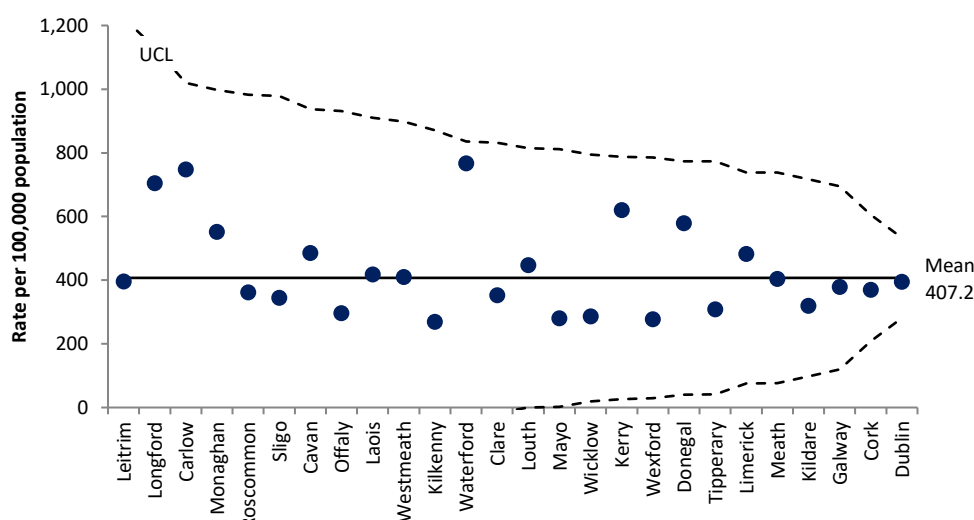
Compared to 2 weeks ago, the **5 day average is up 21%** and the **7 day average is up 23%**.

### 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 12%**. The 14 day incidence rate is **highest among 19-24 year olds (up 10% on last week)** and **5-12 year olds (down 2% on last week)**. The rates for ages 0-4, 5-12 & 13-18 years decreased compared to last week but all other ages increased with the **biggest increases among older people (65-74 up 33%, 75-84 up 29%, 85+ up 51%)**.

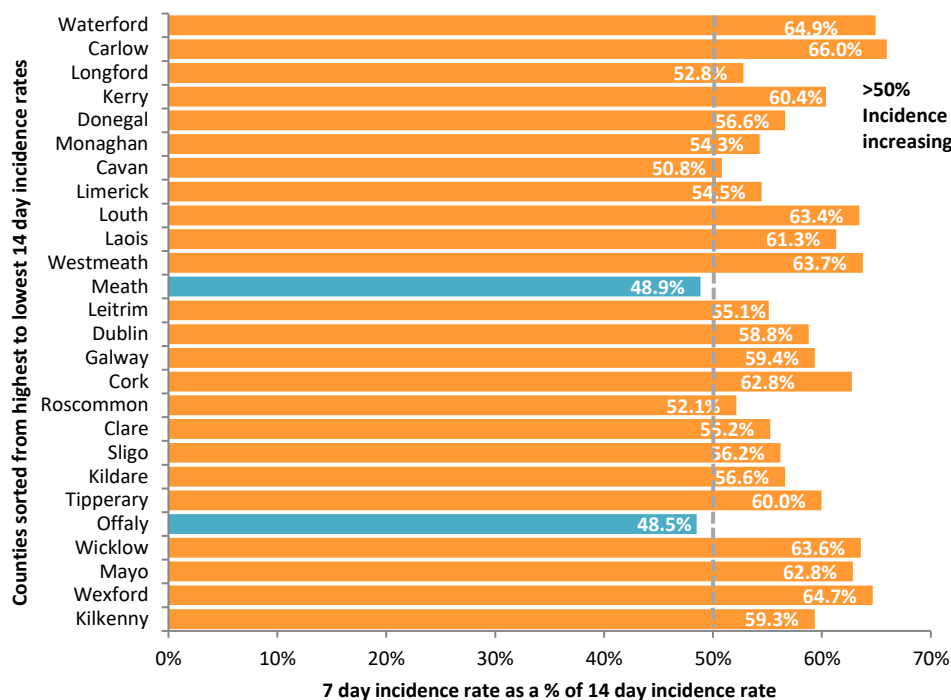
### 14-day incidence rate per 100,000 population by county notified from 29 Sept-12 Oct



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.

While Waterford currently has the highest 14-day incidence rate, it is within the expected range of variation relative to the national rate for a county with that population.

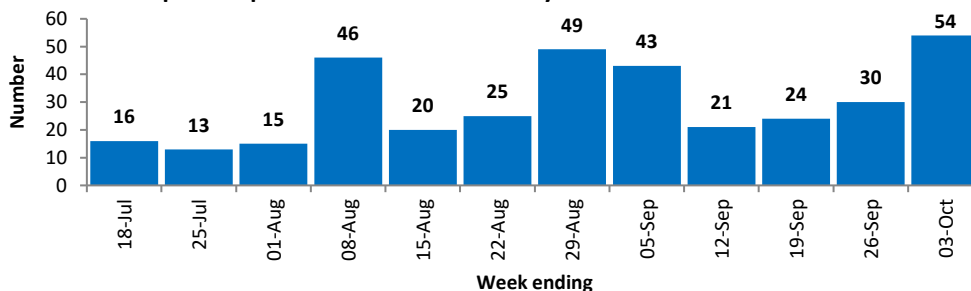
### 7 day incidence rate as a percentage of 14 day rate, 29 Sept-12 Oct



The latest 14 day incidence rate is 407.2 per 100,000 population, while the 7 day incidence rate is 239.8. **The 7 day rate is more than half (58.9%) 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**.

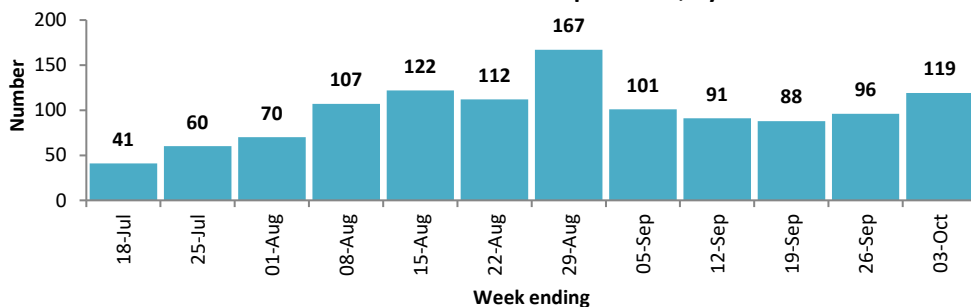
At county level, the 7 day rates for **24 counties are greater** than half of the 14 day rates. This is a disimprovement on the same day last week when 10 counties had a 7 day rate greater than 50% of their 14 day rate.

### Number of hospital acquired cases of COVID-19 by week



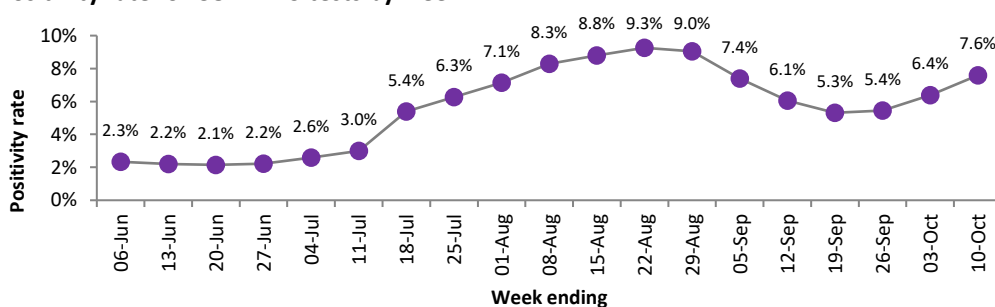
The number of hospital acquired cases in patients of COVID increased last week, with 54 hospital acquired cases (peak of 495 for week ending 17<sup>th</sup> Jan). Of the 54 cases last week, Tallaght (16 cases) and UH Limerick (14) cases accounted for 56% of total cases.

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



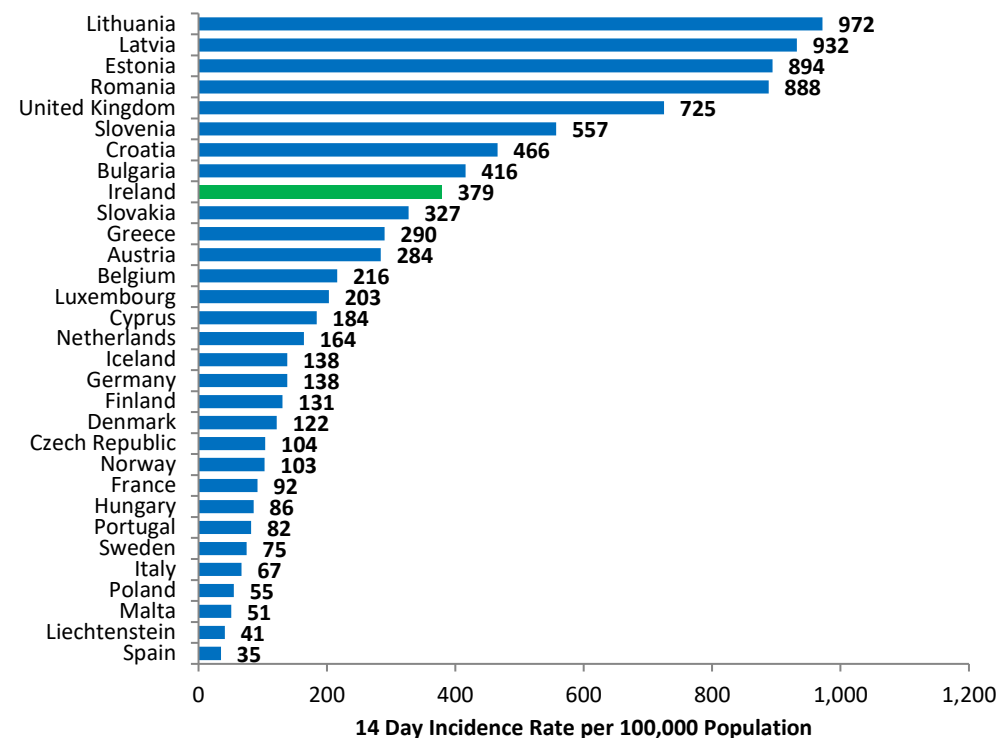
The number of new laboratory confirmed cases of COVID in hospital staff increased last week to 119 (up 24% on previous week) but **remains significantly lower than the peak of 1,022 cases during the week ending 17<sup>th</sup> January**. Of the 119 cases: Tallaght 17, Drogheda 10, UH Limerick 9.

### Positivity rate for COVID-19 tests by week



The positivity rate had been stable at <2.5% during June, but trended upwards to 9.3% for the week ending 22<sup>nd</sup> August. While the positivity rate decreased for 4 weeks from then, it has since trended upwards again to 7.6% for the most recent week (week ending 10<sup>th</sup> October).

#### 14-day COVID-19 rates per 100,000 population EU/EEA & UK (WHO Data, 12<sup>th</sup> October)



Data from the WHO on COVID incidence rates within Europe shows that **the 14 day incidence rate is the 9<sup>th</sup> highest out of the 31 countries (8<sup>th</sup> highest last week).**

The 14 day incidence rates in **18 of the 31 countries have increased compared to 2 weeks ago, including Ireland (up 3%).** Rates have decreased in 13 countries.

#### Key trends & recent changes:

- In the **7 days up to 13<sup>th</sup> October** there were 11,423 new cases reported; **up 43% on the previous week** (7,967 new cases in the 7 days up to 6<sup>th</sup> October). Compared to last week, the **5 day average is up 46% and compared to two weeks ago, up 21%.**
- 25.7% of new cases over the past 2 weeks were among children aged 0-18 years.** 39.8% of new cases over the past 2 weeks were among people aged 19-44 years. 22.5% of new cases were among people aged 45-64 years and 12.0% were among people aged 65 and over.

#### Hospital activity:

- The number of patients with confirmed COVID currently **in hospital is up 19% compared to last week** (345 at 8am on 6<sup>th</sup> October, 408 on 13<sup>th</sup> October).
- Over the past 7 days there have been **197 admissions of COVID positive patients to hospital** (an average of 28 per day), **up 15% on the previous week** (179 new admissions in the 7 days up to 29<sup>th</sup> September).
- Data from the NOCA ICU Bed Information System shows that the number of **confirmed COVID cases in ICU is almost unchanged compared to last week** (70 on 6<sup>th</sup> October, 69 on 13<sup>th</sup> October).
- The last 14 days:** Of 19,388 new cases notified between **29<sup>th</sup> Sept & 12<sup>th</sup> Oct, 434 (2.2%) have been hospitalised** to date and **23 (0.1%) have been admitted to ICU.** Of these 434 hospitalised cases:
  - 31 (7.1%) were aged 0-18 years**, with 2 ICU admissions in this age group
  - 47 (10.8%) were aged 19-34 years, with no ICU admissions in this age group
  - 143 (32.9%) were aged 35-64 years, with 9 ICU admissions in this age group
  - 213 (49.1%) were aged 65 and over, with 12 ICU admissions in this age group.

#### Outbreaks:

- For the most recent week (ending 9<sup>th</sup> October), there were **10 new outbreaks in acute hospitals** reported (6 last week), with **37 linked cases.**
- There were **13 new outbreaks in nursing homes (7 last week) with 123 linked cases** (up from 19 cases last week).
- There was 1 new outbreak in community hospitals / long-term care facilities (2 last week) with 3 linked cases.
- There were 5 new outbreaks in residential institutions (14 last week) with 16 linked cases reported.
- There were **3 new outbreaks reported in schools** (10 last week) with 15 linked cases.
- There were 2 new outbreaks associated with childcare facilities (1 last week) with 9 linked cases.

- There were **23 outbreaks in vulnerable populations** (17 last week); 19 among members of the Irish traveller community with 87 confirmed cases, 2 outbreaks among members of the Roma community with 15 confirmed cases , 1 associated with the homeless with 2 confirmed cases, and 1 associated with clients of mental health services with 2 linked cases.
- There were 19 new outbreaks in workplaces (22 last week) with 88 linked cases.
- Note data on outbreaks are provisional and subject to ongoing review, validations and updating.

#### **Conclusion:**

There are a number of signals of disimprovement, including an increasing trend in the number of new cases, rising incidence among older adults, increasing numbers of patients in hospital (but not admissions), and a high positivity rate. However there are some positive signals, including the declining incidence among children, high uptake of vaccinations among all ages, and the administration of over 6,000 booster doses for immunocompromised people in the past week.