

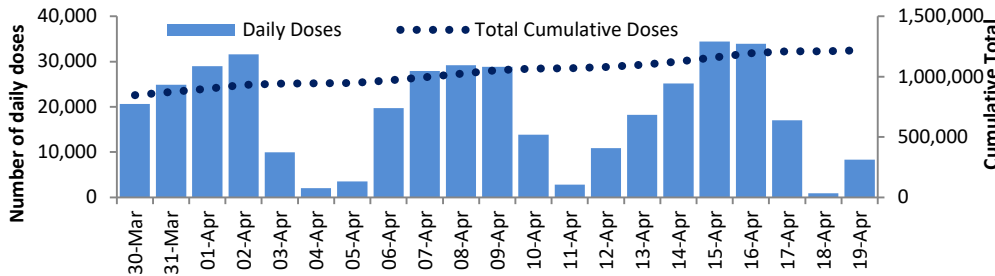
COVID-19 Data Summary 22/04/2021

Based on data as of Wednesday evening 21/04/2021

Introduction:

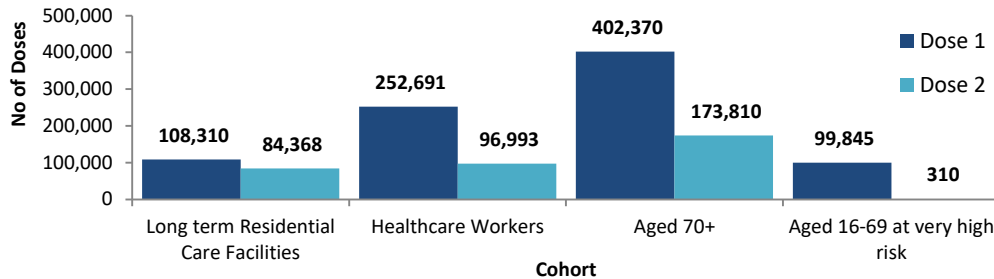
As restrictions start to ease we will continue to monitor the situation closely to predict future pressures on the hospital system and to assess effectiveness of control measures.

Daily & cumulative doses of COVID-19 vaccinations



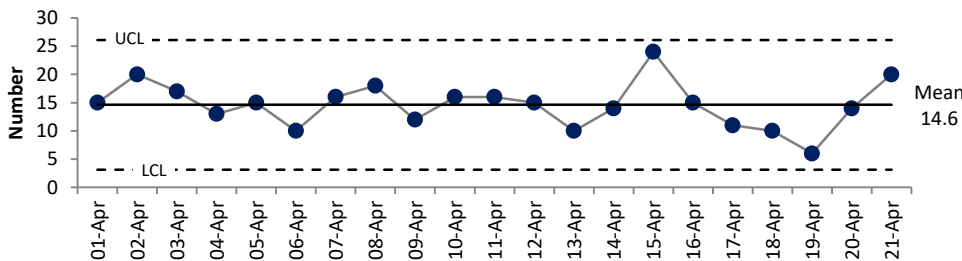
Up to 19th April, **1,219,487 COVID vaccine doses have been administered (863,958 first doses & 355,529 second doses)**. In the **7 days up to 19th April a total of 137,970 doses were administered (average of 19,710 per day), up 3.6% on the previous 7 days.**

Vaccinations by Cohort



Of the **1,219,487 vaccine doses administered to date**, 192,678 (16%) were administered to people in Cohort 1 (Long-term Residential Care Facilities), 349,684 (29%) were in Cohort 2 (frontline HCWs), **576,180 (47%) were people in Cohort 3 (Over 70s)**, and 100,155 (8.2%) were in Cohort 4 (Aged 16-19 at very high risk)

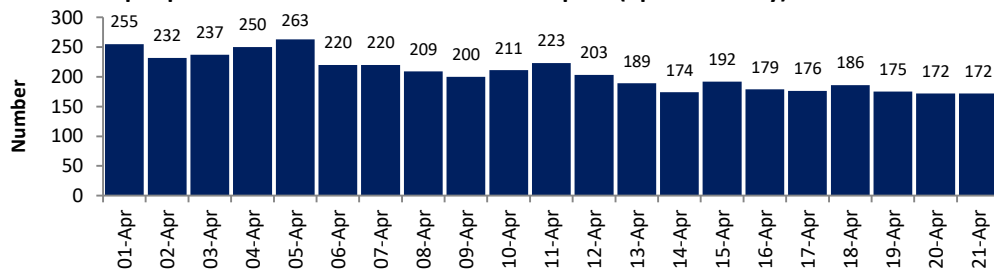
Number of hospital admissions during the previous 24 hours of COVID positive patients



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

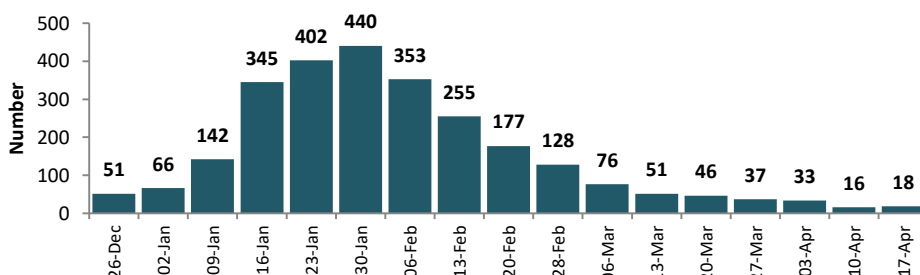
Admissions this week are **down 1% compared to last week. 20 new admissions today, with 12 discharges.**

Number of people with confirmed COVID-19 in hospital (8pm each day)



The number of people with COVID in hospital fluctuates by day (usually higher at weekends) but overall is trending downwards slowly. 172 in hospital at 8pm today, **down 1% on the same day last week**, and down 91% on the 8pm peak of 1982 on 17th Jan.

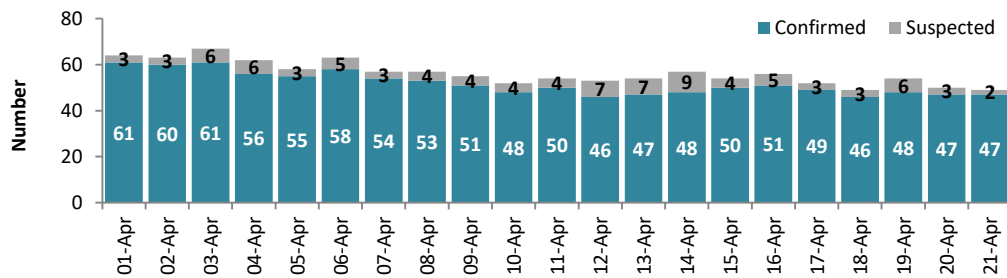
Number of deaths among people with COVID-19 by week of death



To date, the deaths of 4,856 people with confirmed, probable or possible COVID have been notified.

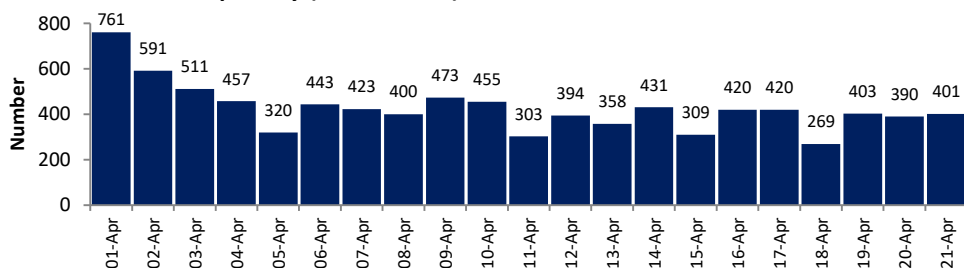
The number of deaths per week is **trending downwards** now after increasing significantly in January.

Number of people with COVID-19 in critical care (as of 18:30 each day)



The number with COVID-19 in critical care continues to trend downwards slowly. Currently 47 confirmed (down 2% on last week) with 2 new admissions today. There are 33 adult public critical care beds available & 250 occupied.

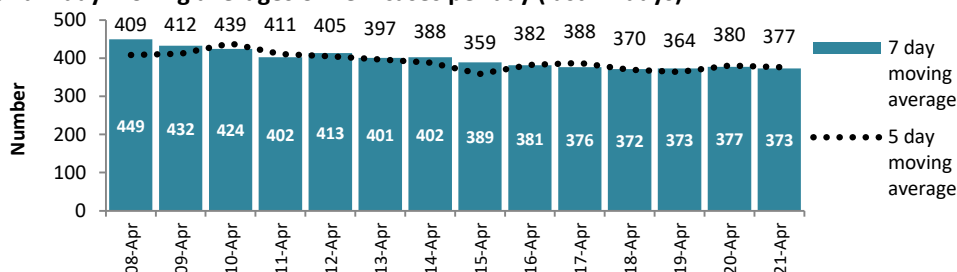
Number of new cases per day (last 3 weeks)



The number of new cases fluctuates by day but overall is trending downwards at a slow rate.

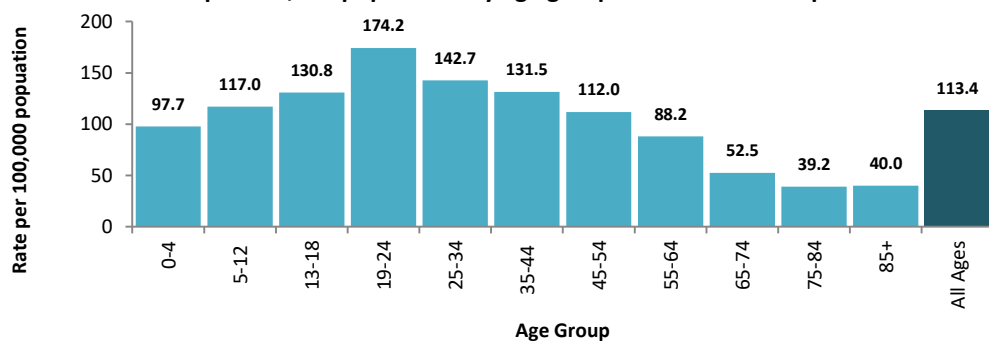
New cases this week are down 7% on the previous week.

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



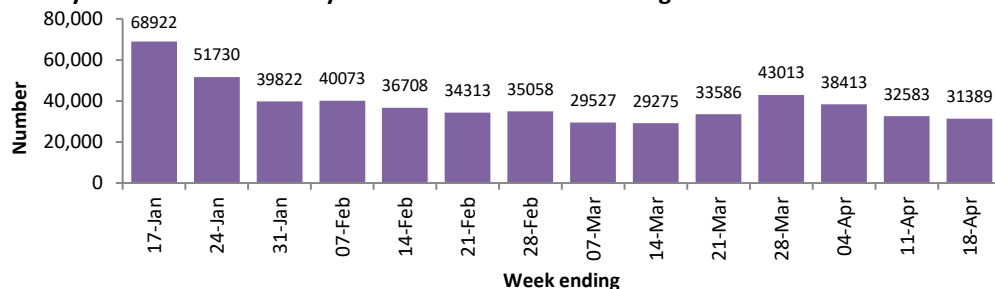
The 5 and 7 day moving averages of new cases per day fluctuate by day but overall are trending downwards. Compared to last week, the 5 day average is down 3% and the 7 day average is down 7%.

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



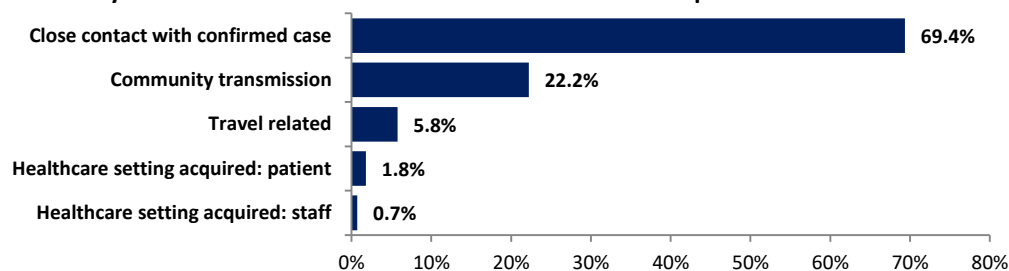
Compared to last week the overall 14 day incidence rate is down 14%. The 14 day incidence rate is highest among 19-24 olds (down 19% on last week). The decrease was largest among 85+ year olds down 31%. The rates decreased for every age group with the exception of 13-18 year olds (up 5%).

Weekly number of community referrals for COVID-19 testing



Community referrals for the past week (up to Sunday 18th April) were down 3.7% on the previous week. Average of 4,484 referrals per day over the past week.

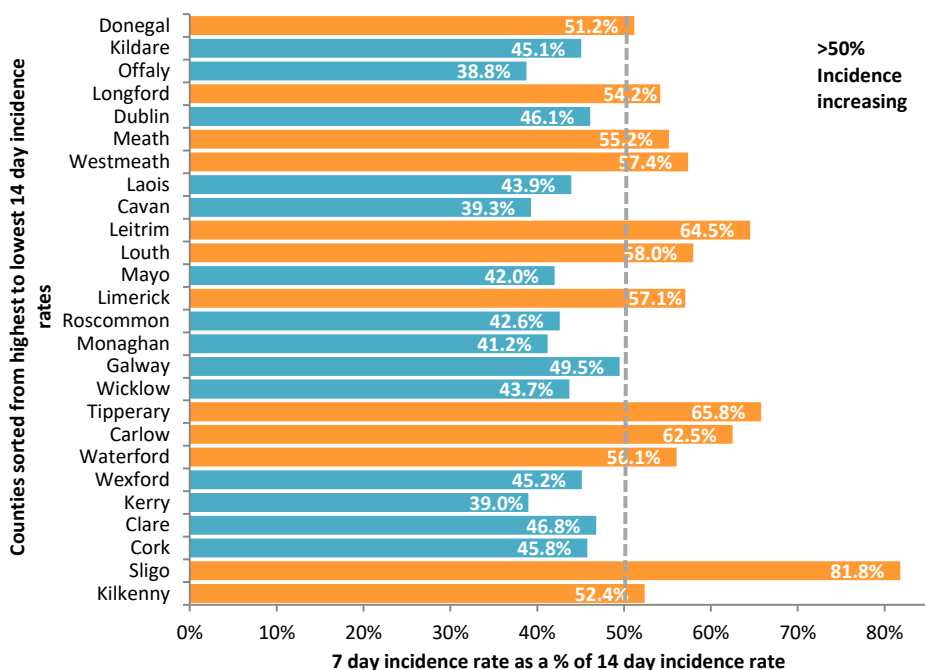
Most likely transmission source of new cases notified over the past 2 weeks



Of 4,413 new cases with known most likely transmission source notified within the past 2 weeks, 3,064 (69.4%) were close contacts. 255 (5.8%) were travel related, and 112 (2.5%) were acquired in healthcare settings (80 patients & 32 staff). 982 (22.2%) were community transmission (no other identified source).

Note: Transmission source remains under investigation for 18% of cases. The percentages above are based on those with known transmission source.

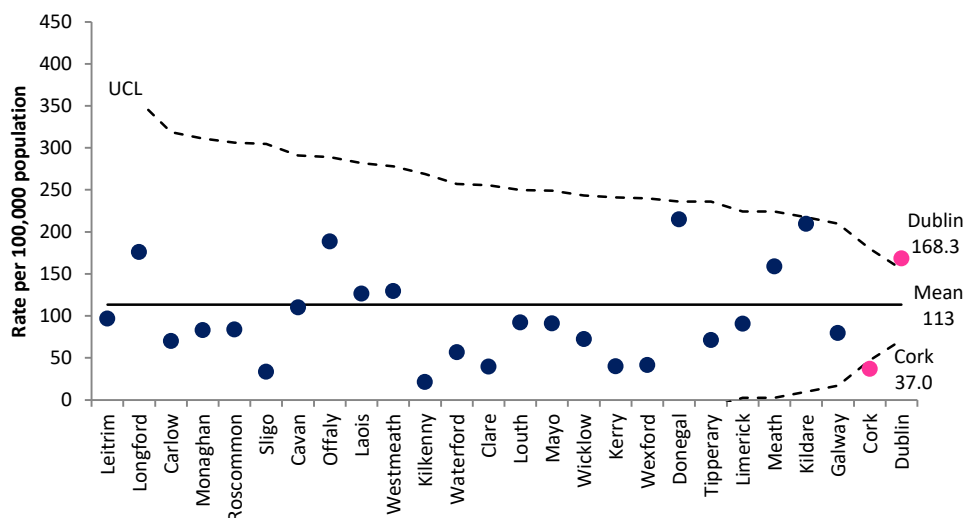
7 day incidence rate as a percentage of 14 day rate, 07 April – 20 April



The latest 14 day incidence rate is 113.4 per 100,000 population, while the 7 day incidence rate is 54.7. **The 7 day rate is less than half (48.2%) 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 **12 counties are greater** than half of the 14 day rates indicating more cases in these counties in the most recent 7 days. This is a disimprovement on the same day last week when 10 counties had a 7 day incidence rate higher than half their 14 day rate.

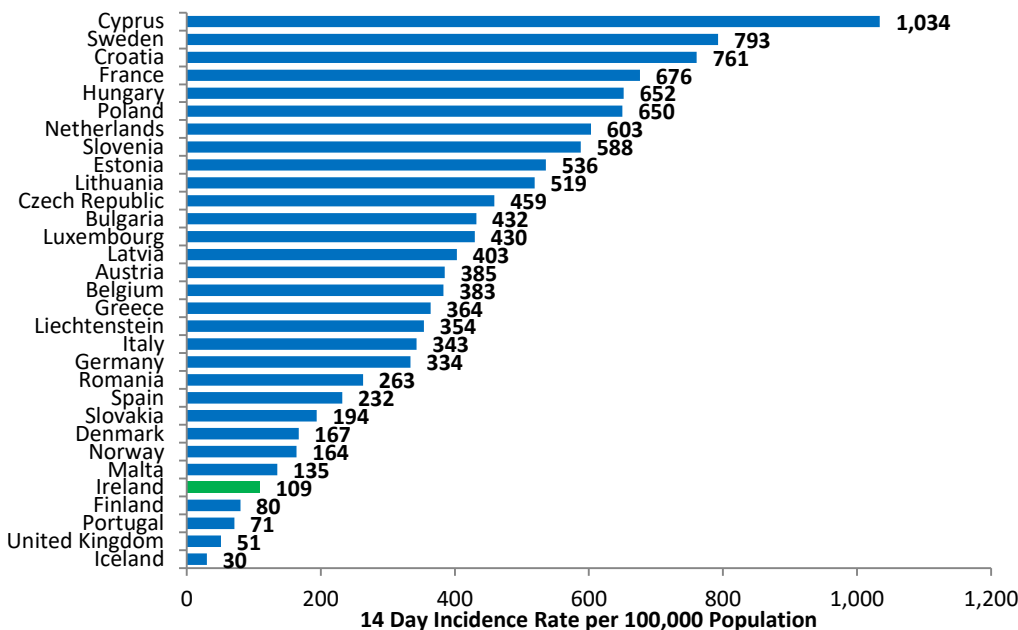
14-day incidence rate per 100,000 population by county notified from 07 April – 20 April



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 Dublin which is above the upper control limit and Cork which is below the control limit.**

This is a signal that the current 14 day rate in Dublin is higher than expected relative to the national rate and Cork is lower. Donegal **currently has the highest 14 day rate but it is within the control limits.**

14-day COVID-19 rates per 100,000 population EU/EEA & UK (WHO Data, 21st April)



Data from the WHO on COVID incidence rates within Europe shows that **the 14 day incidence rate in Ireland has decreased and is now 5th lowest out of the 31 countries (6th lowest last week).**

The 14 day incidence rates in **20 of the 31 countries have decreased compared to 2 weeks ago.** Rates have increased in 10 countries and **Greece stayed the same. 101% increase in Liechtenstein and 62% decrease in Estonia.**

Key trends & recent changes:

- In the **7 days up 21st April** there were 2,612 new cases notified; **down 7% on the previous week** (2,814 new cases in the 7 days up to 14th April).
- Over the past week (up to 20th April) 106,029 COVID-19 tests were carried out, of which 2,936 were positive. This is a positivity rate of 2.8%, up very slightly from 2.7% last week.

Hospital activity:

- The number currently **in hospital is down 1% in one week** (174 at 8pm on 14th April, 172 at 8pm on 21st April). **We have 262 vacant hospital beds.**
- Data from the NOCA ICU Bed Information System shows that the number of confirmed COVID cases **in ICU is down 2% compared to last week** (48 on 14th April, 47 on 21st April). **Of the 47 patients with COVID in ICU, 29 are ventilated.**
- Patients with confirmed or suspected COVID account for 20% of occupied adult ICU beds, down slightly from 22% on the same day last week, and down from a peak of 70% on 2nd February.
- Over the **past week** there were **100 new admissions of COVID positive patients to hospital (an average of 14.3 per day), down 1% on the previous week** (101 new admissions during the previous 7 days).
- **The last 14 days:** Of 5,402 new cases notified between **07th April & 20th April, 216 (4%) have been hospitalised** to date and **17 (0.3%) have been admitted to ICU**. Of these 216 hospitalised cases:
 - **14 (6.5%) were aged 0-18 years**, with no ICU admissions in this age group
 - 36 (16.7%) were aged 19-34 years, with 2 ICU admissions in this age group
 - 94 (43.5%) were aged 35-64 years, with 9 ICU admissions in this age group
 - 72 (33.3%) were aged 65 and over, with 6 ICU admissions in this age group.

Outbreaks:

- For the most recent week (ending 17th April), there were **5 new outbreaks in hospitals** notified (same as the previous week).
- There was **1 new outbreak in nursing homes** notified during the most recent week (0 for the previous week).
- There were 3 new outbreaks in residential institutions notified (4 for the previous week).
- There were **14 new outbreaks among vulnerable populations** notified; **10 among members of the Irish traveller community**; 1 among the homeless population, 1 among members of the Roma community and 2 in direct provision centres.
- There were **5 new outbreaks among associated with schools (school children and / or school staff), down from 14 last week. There were 11 new outbreaks in Childcare facilities (10 for the previous week).**

Update on walk-in testing (25th March to 20th April):

- Between 25th March & 20th April there were **37,580 walk-ins** for testing with **1,124 positive cases** detected. The overall positivity rate to date is 3.1%. It is **higher for the past 7 days at 4.65%**.
- Of the centres open as of 20th April positivity rates were **highest** in the walk-in test centres in **Coolock (7.6%), Dublin Mulhuddart (5.9%) and Dublin 8 (5.0%)**.

Conclusion:

We continue to see signs of improvement in many of the key measures including a reduction in the 14 day incidence rate compared to last week (down 14%), with the largest reductions in incidence among people aged 85+ (down 31%) and people aged 75-84 (down 29%). However the downward trend in numbers of new cases has slowed compared to last week. In addition numbers in hospital and ICU, and admissions of COVID positive patients remain almost unchanged compared to last week (down 1-2%). It is too soon to determine whether this indicates that the downward trend is stalling.