

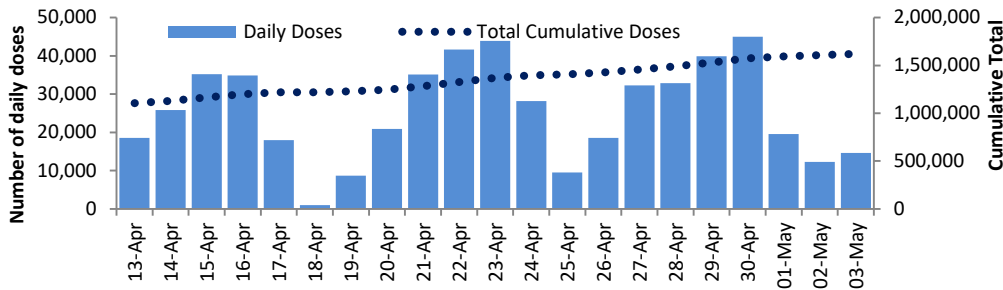
COVID-19 Data Summary 06/05/2021

Based on data as of Wednesday evening 05/05/2021

Introduction:

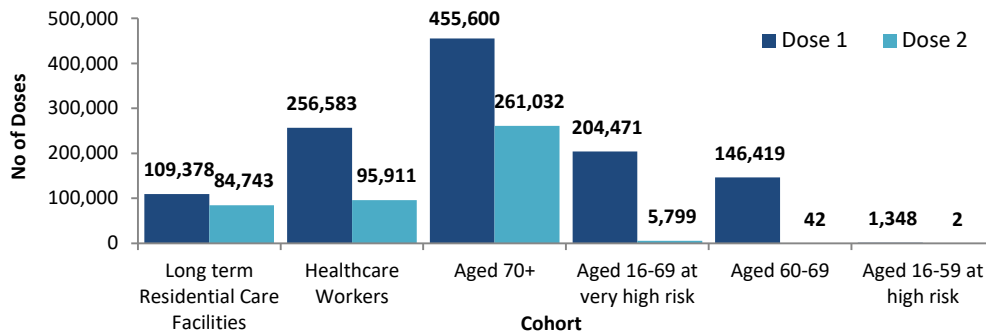
As restrictions start to ease we will continue to monitor the situation closely to predict future pressures on the hospital system and to assess effectiveness of control measures.

Daily & cumulative doses of COVID-19 vaccinations



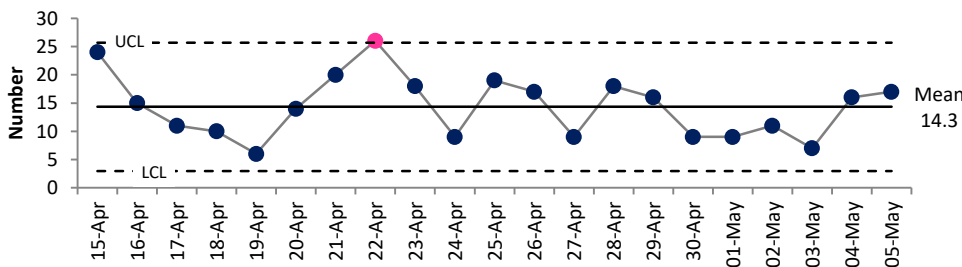
Up to 03rd May, **1,621,870 COVID vaccine doses have been administered (1,174,292 first doses & 447,578 second doses)**. In the **7 days up to 03rd May a total of 196,524 doses were administered (average of 28,075 per day), down 0.64% on the previous 7 days.**

Vaccinations by Cohort



Of the 1,621,870 vaccine doses administered to date: 12% were administered to people in Long-term Residential Care Facilities; 21.7% were frontline HCWs; **44.2% were people aged over 70**, 13% were people aged 16-69 at very high risk; 9% were people aged 60-69; 0.1% were people aged 16-59 at high risk.

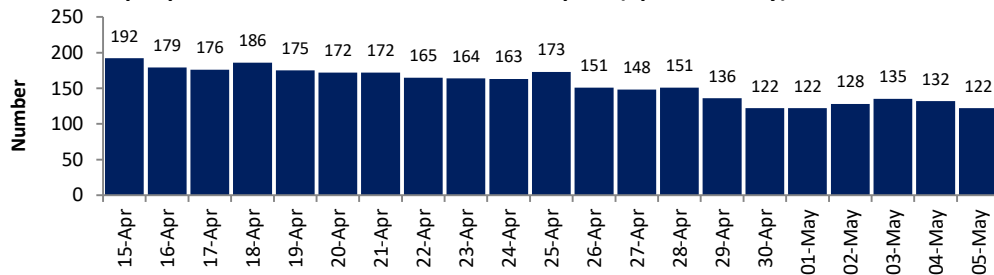
Number of hospital admissions during the previous 24 hours of COVID positive patients



The SPC chart shows that the number of admissions has been stable over the past 3 weeks, with the exception of 22nd April (26 admissions).

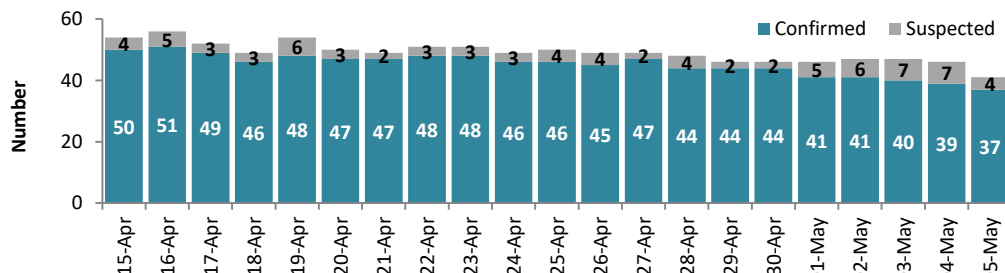
Admissions this week are **down 27% compared to last week. 17 new admissions today, with 16 discharges.**

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



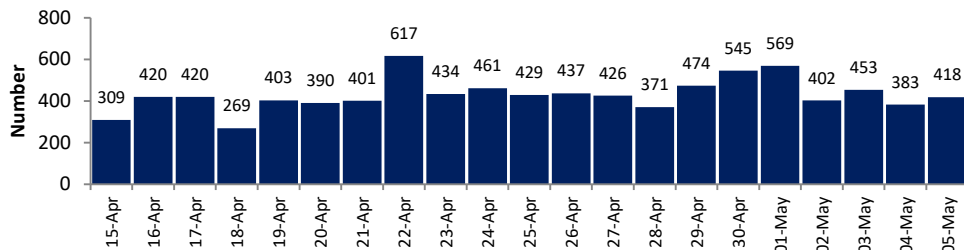
The number of people with COVID in hospital fluctuates by day (usually higher at weekends) but overall is trending downwards. 122 in hospital at 8pm today, **down 19% on the same day last week**, and down 94% on the 8pm peak of 1982 on 17th Jan.

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



The number with COVID-19 in critical care fluctuates by day but is trending downwards slowly. Currently 37 confirmed (down 16% on last week) with no new admissions today. There are **26 adult public critical care beds available & 257 occupied.**

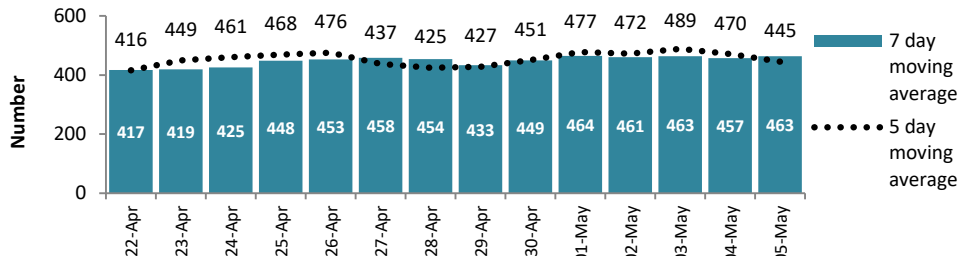
Number of new cases per day (last 3 weeks)



The number of new cases fluctuates by day but the slow downward trend of recent weeks appears to have stalled.

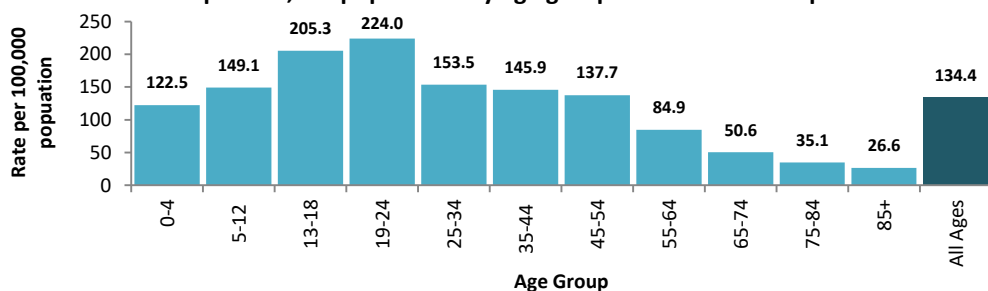
New cases this week are **up 2% on the previous week.**

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



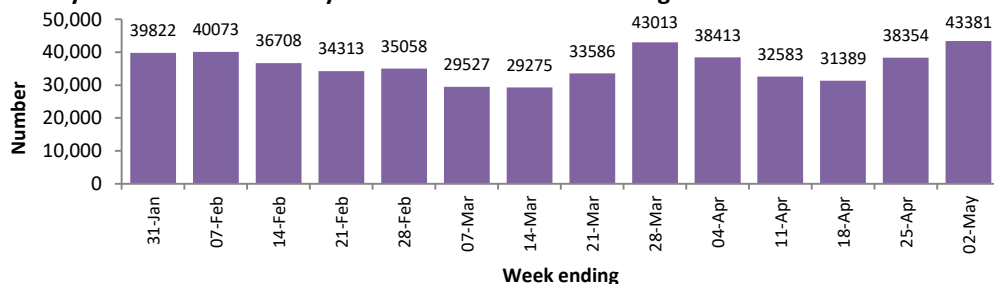
Compared to last week, the **5 day average is up 5%** and the **7 day average is up 2%.**

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



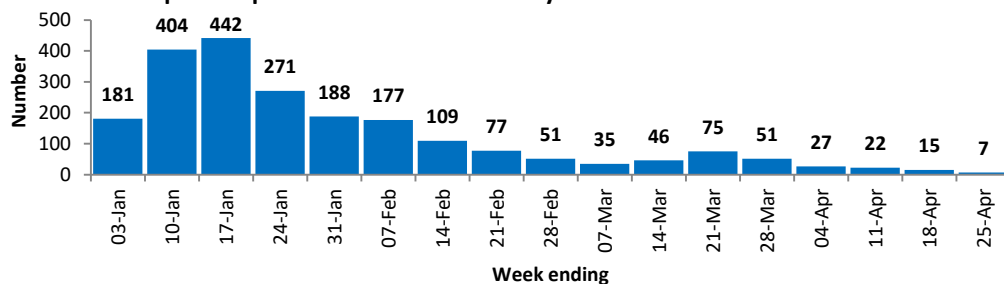
Compared to last week the **overall 14 day incidence rate is up 11%**. The 14 day incidence rate is **highest among 19-24 year olds (up 24% on last week)**. The rates increased for every age group with the exception of **55-64 (-2%), 65-74 (-11%), 75-84 (-8%) and 85+ year olds (-31%)**.

Weekly number of community referrals for COVID-19 testing



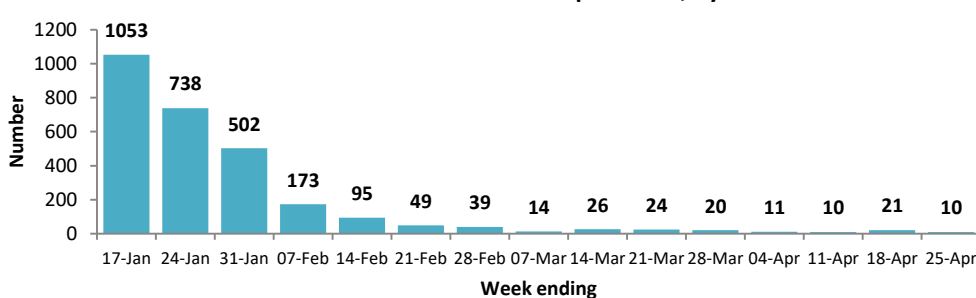
Community referrals for the **past week (up to Sunday 02nd May) were up 13.1% on the previous week.** Average of 6,197 referrals per day over the past week.

Number of hospital acquired cases of COVID-19 by week



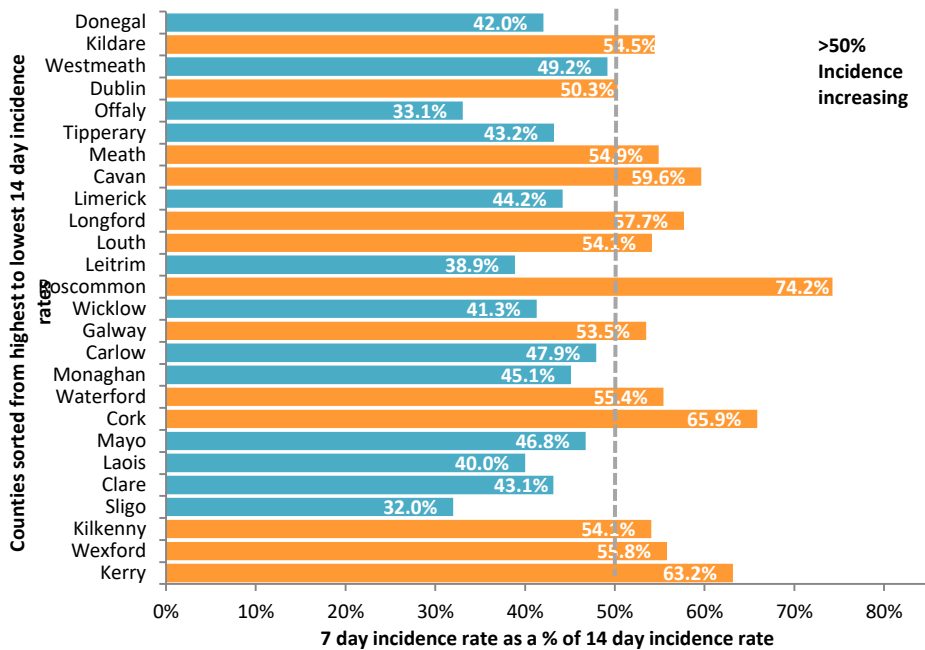
There were **7 hospital acquired cases of COVID-19 in the past week, down 53% on the previous week** and down 98% on the peak (week ending 17th Jan). Of the 7: Tallaght 2, Mater 1, St Columcille's 1, Letterkenny 3.

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



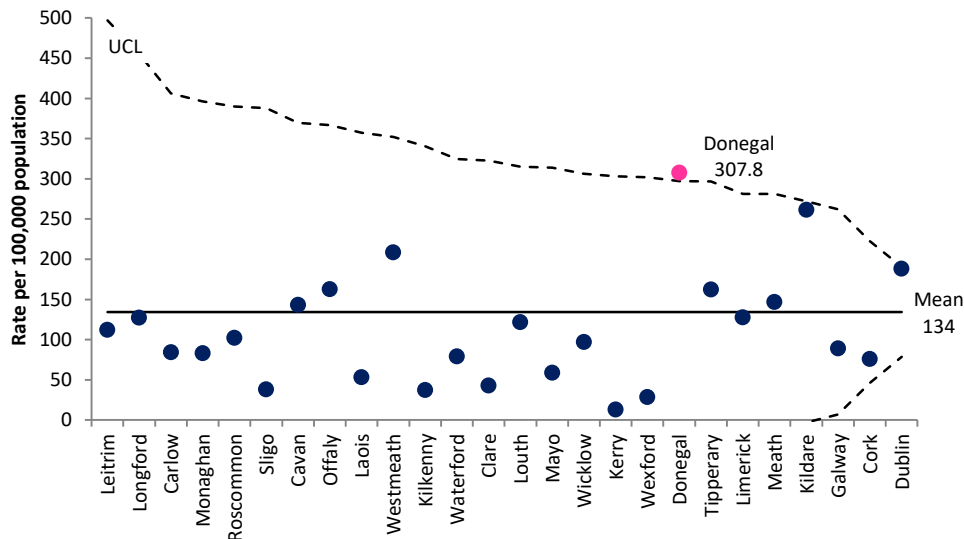
The number of new laboratory confirmed cases of COVID in hospital staff has decreased significantly in recent weeks. There were 10 new cases last week, down from 21 for the previous week and **down 99% on the week ending 17th January.**

7 day incidence rate as a percentage of 14 day rate, 21 April – 04 May



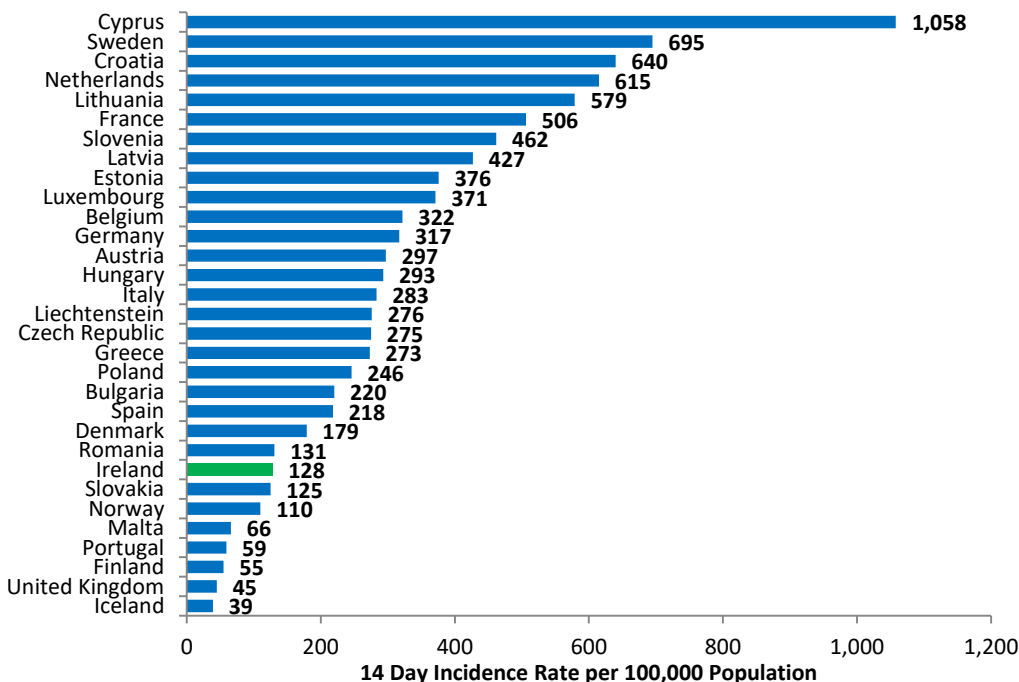
The latest 14 day incidence rate is 134.4 per 100,000 population, while the 7 day incidence rate is 68.1. **The 7 day rate is slightly more than half (50.6%) of the 14 day rate;** this means that there were **more new cases in the most recent 7 days than in the previous 7 days.** At county level, the 7 day rates for **13 counties are greater** than half of the 14 day rates indicating more cases in these counties in the most recent 7 days. This is an improvement on the same day last week when 17 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 21 April – 04 May



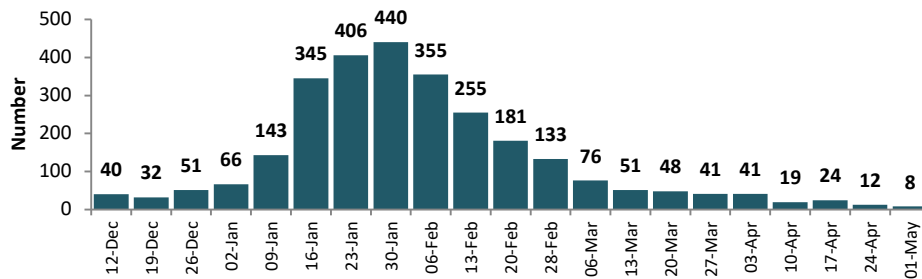
The SPC funnel plot shows that the rates of new cases in all counties are within the expected range of variation when compared to the national average, **with the exception of Donegal which is above the upper control limit.** This is a signal that the current 14 day rates in Donegal are higher than expected relative to the national rate. Dublin is now within the control limits, having previously been above the upper control limit.

14-day COVID-19 rates per 100,000 population EU/EEA & UK (WHO Data, 05th May)



Data from the WHO on COVID incidence rates within Europe shows that **the 14 day incidence rate in Ireland has increased and is now 8th lowest out of the 31 countries (6th lowest last week).** The 14 day incidence rates in **24 of the 31 countries have decreased compared to 2 weeks ago.** Rates have increased in 7 countries. 29% increase in Iceland (still the lowest at 39 per 100,000) and 62% decrease in Poland.

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



To date, the deaths of 4,915 people with confirmed, probable or possible COVID have been notified. The number of deaths per week is **trending downwards significantly** now after increasing significantly in January.

Key trends & recent changes:

- In the **7 days up 05th May** there were 3,244 new cases notified; **up 2% on the previous week** (3,175 new cases in the 7 days up to 28th April).
- **44.4% of new cases over the past 2 weeks were among people ages 19-44 years.** 31.0% of new cases over the past 2 weeks were among children aged 0-18 years, and 4.3% were among people aged 65 and over.
- Over the past week (up to 04th May) 126,146 COVID-19 tests were carried out, of which 3,370 were positive. This is a positivity rate of 2.7%, same as last week.

Hospital activity:

- The number currently **in hospital is down 19% in one week** (151 at 8pm on 28th April, 122 at 8pm on 5th May). **We have 270 vacant hospital beds.**
- Data from the NOCA ICU Bed Information System shows that the number of confirmed COVID cases **in ICU is down 16% compared to last week** (44 on 28th April, 37 on 5th May). **Of the 37 patients with COVID in ICU, 28 are ventilated.**
- Patients with confirmed or suspected COVID account for 15% of occupied adult ICU beds, down from 19% on the same day last week, and down from a peak of 70% on 2nd February.
- Over the **past week there were 85 new admissions of COVID positive patients to hospital (an average of 12.1 per day), down 27% on the previous week** (116 new admissions during the previous 7 days).
- **The last 14 days:** Of 6,401 new cases notified between **21st April & 4th May, 177 (2.8%) have been hospitalised to date and 12 (0.2%) have been admitted to ICU.** Of these 177 hospitalised cases:
 - **23 (13.0%) were aged 0-18 years**, with 1 ICU admission in this age group
 - 32 (18.1%) were aged 19-34 years, with 1 ICU admission in this age group
 - 79 (44.6%) were aged 35-64 years, with 7 ICU admissions in this age group
 - 43 (24.3%) were aged 65 and over, with 3 ICU admissions in this age group.

Outbreaks:

- For the most recent week (ending 1st May), there was **1 new outbreak in hospitals** notified (3 for the previous week).
- There were **no new outbreaks in nursing homes** notified during the most recent week (1 for the previous week).
- There were 6 new outbreaks in residential institutions notified (5 for the previous week).
- There were **21 new outbreaks among vulnerable populations** notified; **16 among members of the Irish traveller community, 4 outbreaks in the homeless population** and 1 late notification of an outbreak in a direct provision centre.
- There were **29 new outbreaks among associated with schools* (school children and / or school staff), 30 last week. There were 14 new outbreaks in Childcare facilities (22 for the previous week).** * These outbreaks are outbreaks associated with school children +/- school staff. Transmission of COVID-19 within the school has not necessarily been established in these outbreaks.

Update on walk-in testing (25th March to 4th May):

- Between 25th March & 4th May there were **58,497 walk-ins** for testing with **1,899 positive cases** detected. The overall **positivity rate to date is 3.4%**. It is slightly lower for the past 7 days at 3.3%.
- Of the centres open as of 4th May positivity rates were **highest** in the walk-in test centres in **Castlerea (7.5%**, although this is based on relatively small numbers), **Letterkenny (4.8%), Mullingar (4.3%)** and **Blanchardstown (4.0%)**.

Conclusion:

The downward trend in numbers of new cases has stalled, and referrals for COVID testing have increased compared to last week. However the number of people with COVID in hospital is now at the lowest level since early October. We continue to see positive signs of the impact of the vaccination programme, including no new outbreaks in nursing homes notified last week, very low levels of COVID cases among hospital staff and hospital acquired COVID, and the significantly lower (and decreasing) incidence of COVID among people aged 75 and over compared to younger age groups.