



Cayman Islands COVID-19 Situational Report (SitRep)



Highlights

International Situation

The Omicron variant has continued to spread broadly in Europe and other countries in the world, including Hong Kong and South Korea and is rapidly replacing the Delta variant as the leading variant. Omicron's ability to evade the protective effect of antibodies, both from the natural disease and vaccination, has left large portions of the population susceptible to infection. This has resulted in a larger number of cases registered, higher than in precedent waves.

However, the protective effect of vaccination (especially booster doses) and reduced severity of the virus have resulted in lower hospitalisation and mortality rates than in earlier waves.

Local Trends

New positive cases continue to decrease (236 in Epi. Week 9 compared to 383 in the previous week), although the positive rate (PCR positive over total number of PCR tests carried out) has been slightly higher (16.5%) this week than the previous week (15%). Still, daily average and case rate have continued to decrease, further indicating that the Omicron wave is waning in the Cayman Islands.

Vaccination

A slow start in the children's vaccination campaign has seen the total of 234 doses given so far during the first 5 dedicated clinics to children ages 5 through 11. Two of the clinics were for the at-risk group of children.

Hospital Admissions

There have been 8 new hospital admissions (1 more than the previous week) and a total of 17 people (same as the previous week) have been treated as inpatients.

In Epi. Week 9, there has been another COVID death in an unvaccinated patient with severe a co-morbidity. Additionally, there were two other recent deaths that have now been ruled as COVID related. This brings the total number of COVID-19 related deaths to 21 since the beginning of the pandemic in March 2020. Delays in classification and reporting of deaths are due to a combination of factors, including waiting for autopsy and home deaths.

Table 1: COVID-19 case numbers (27 February - 5 March 2022) Epi. Week 9

Data as of 07-03-22

	Total
Total cases to date	20,073
Total number of PCR tests conducted in Epi. Week 9	1,429
Total number of new ¹ positives	236
<i>Daily average of new positives</i>	34
Case Rate	332

¹¹ Newly confirmed cases (PCR) reported to Public Health between 00:00 to 23:59 on 27 February 2022 – 5 March 2022.

Case Rate = proportion of persons who tested positive over population standardized to 100K population (New cases/total population)*100,000

Table 2: COVID-19 hospitalisations (27 February - 5 March 2022)

Data as of 05-03-22

	Total
Total inpatients for reporting period	17
% of admissions vaccinated	63%
New admissions	8
Number on supplemental oxygen	3
Number ventilated	3
Number in intensive care	4
Total COVID-19 inpatients since March 2020 to present	240
Total number of new deaths	1
Total deaths since March 2020	21

Table 3: COVID-19 vaccines administered (27 February - 5 March 2022)

Data as of 05-03-22

Dose Number	Count
1	132
2	95
Boosters	118
Total	345

Table 4: CUMULATIVE COVID-19 VACCINE STATS (5 March 2022)

Data as of 05-03-22

<i>Based on Total Population of 71,106</i>			
Dose Number	Count	Percentage of Total Population	Percentage of vaccine coverage of population over 12 ^b
1	59,984	84.4%	97%
2	58,222	82%	94%
3	22025	31%	35%

b 191 first doses have been administered to those ages 5-11

Figure 1: Number of COVID-19 cases in January - March 2022

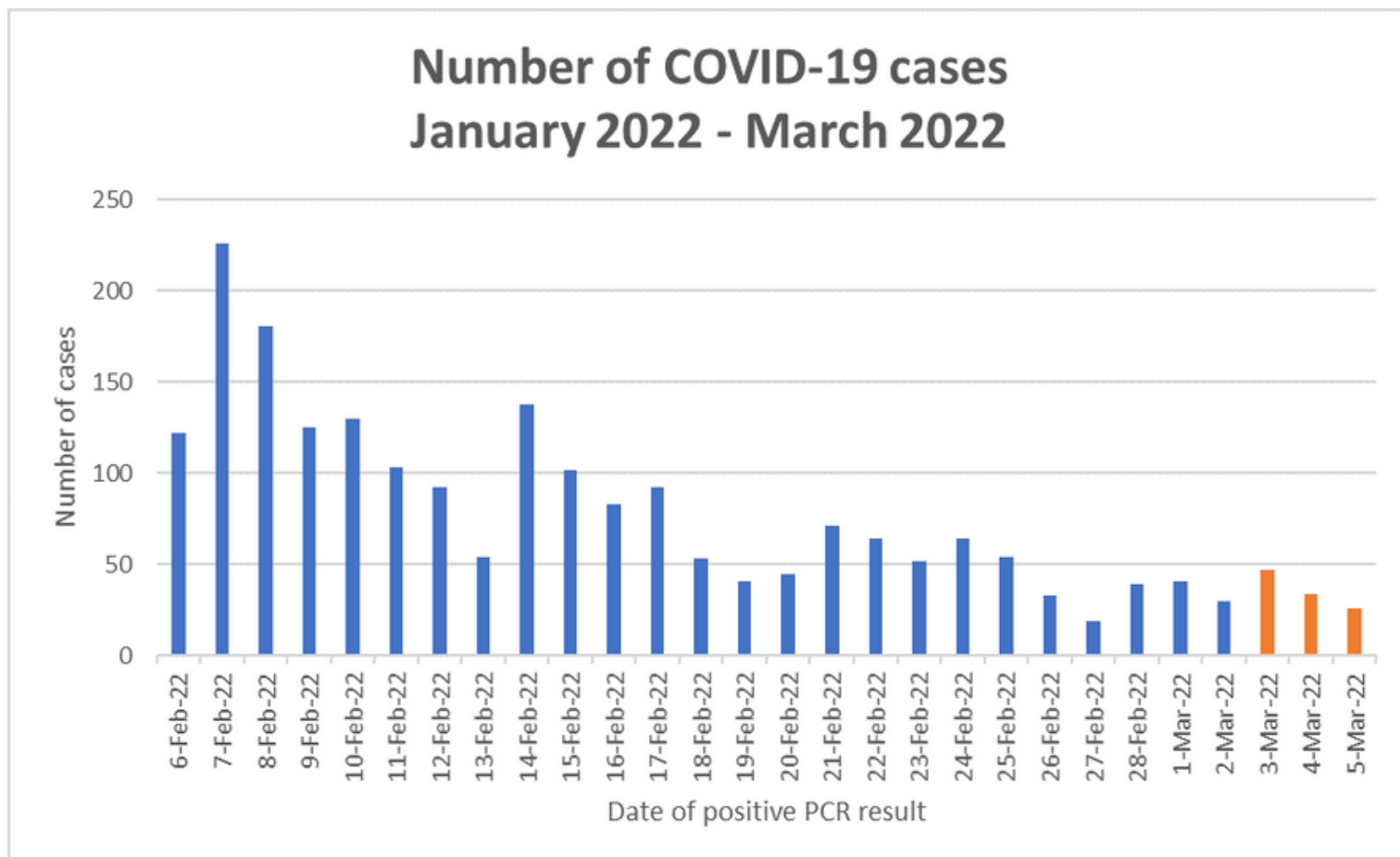


Figure 1: Data as of 07-03-2022. Orange bars indicate PCR results are pending thus figures may change.

Figure 2: PCR Tests conducted vs new PCR positives (27 February - 5 March 2022)

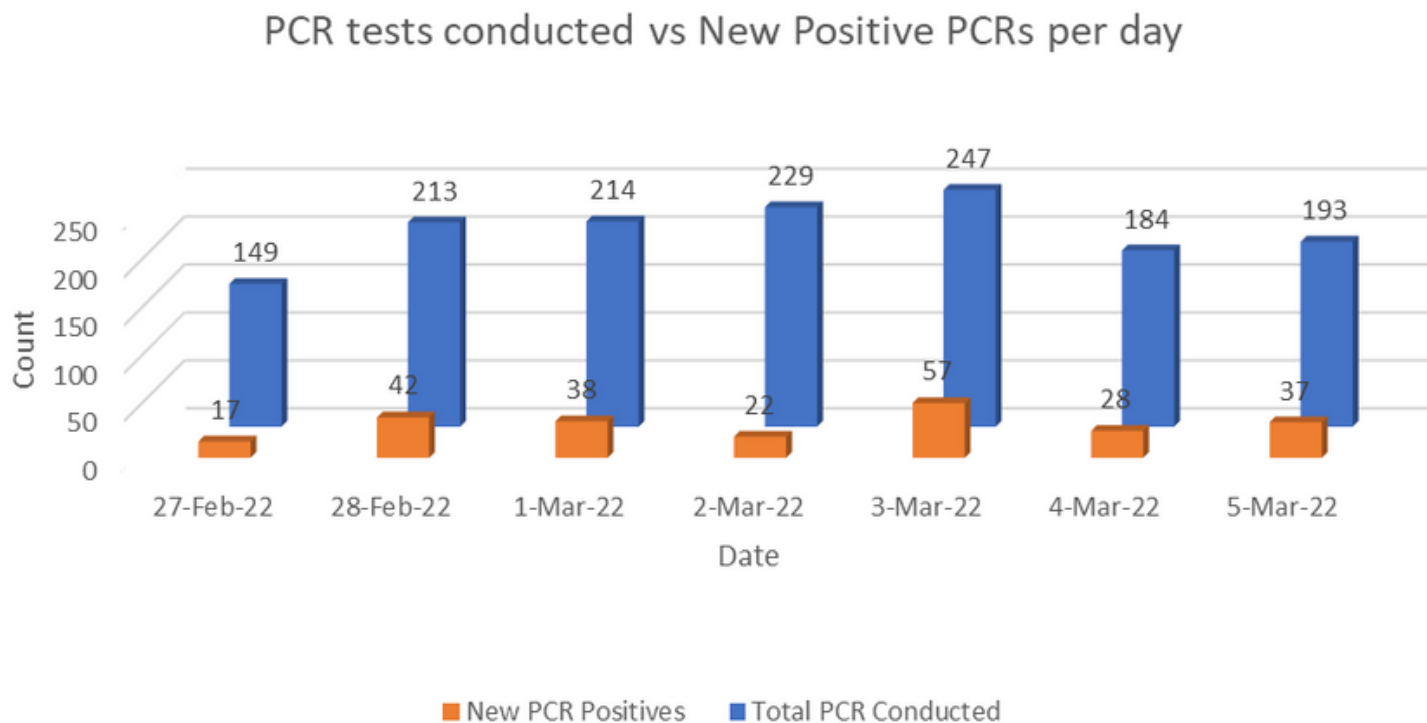


Figure 2: Data as at 07-03-22

Data refers to the percentage of patients who tested positive via PCR in the prior 7-days.

Figure 3: Total COVID-19 cases since March 2020

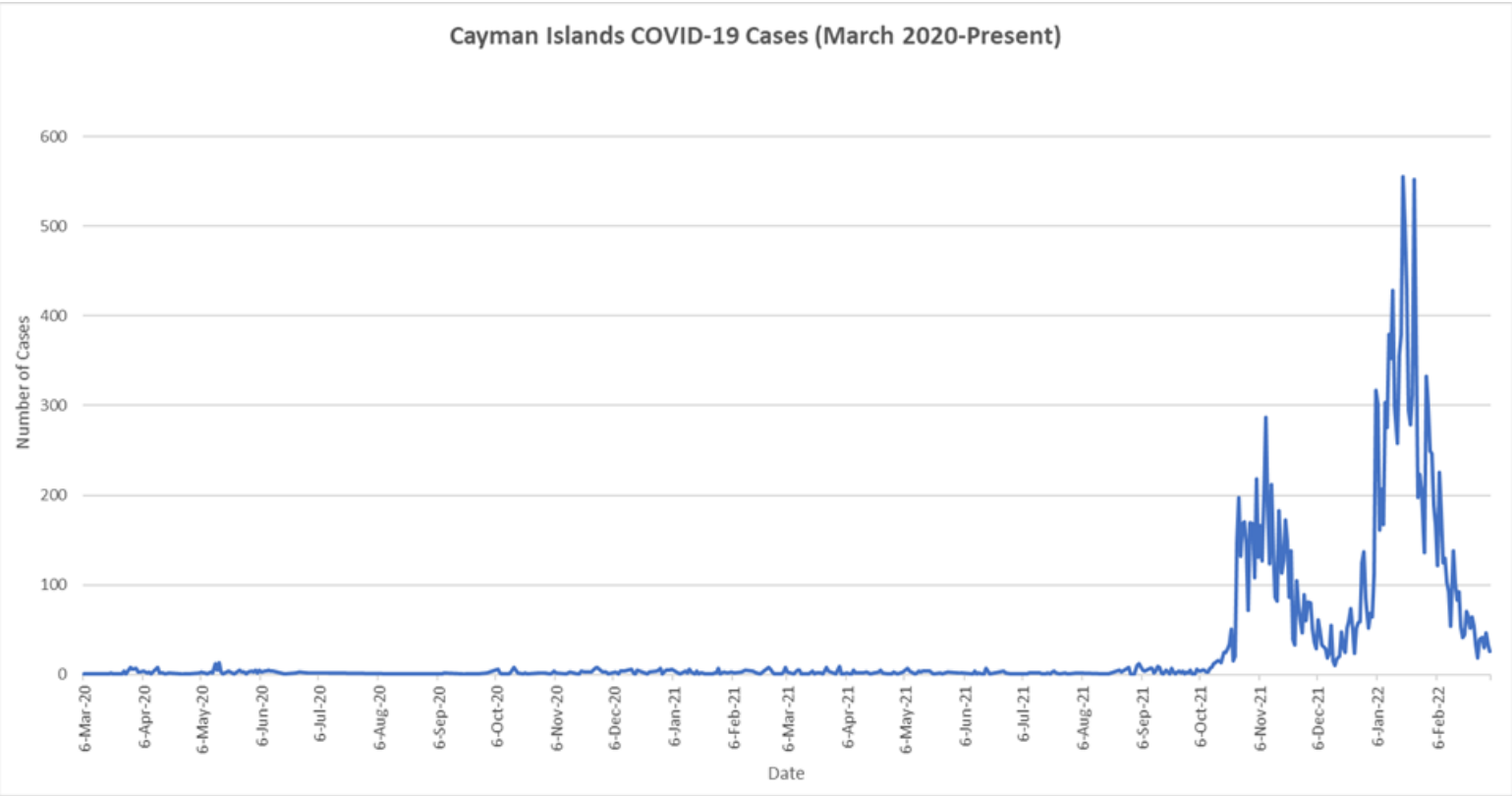


Figure 3: Data as at 07-03-2022

Figure 4: Admissions stratified by age (since 08-09-2021)

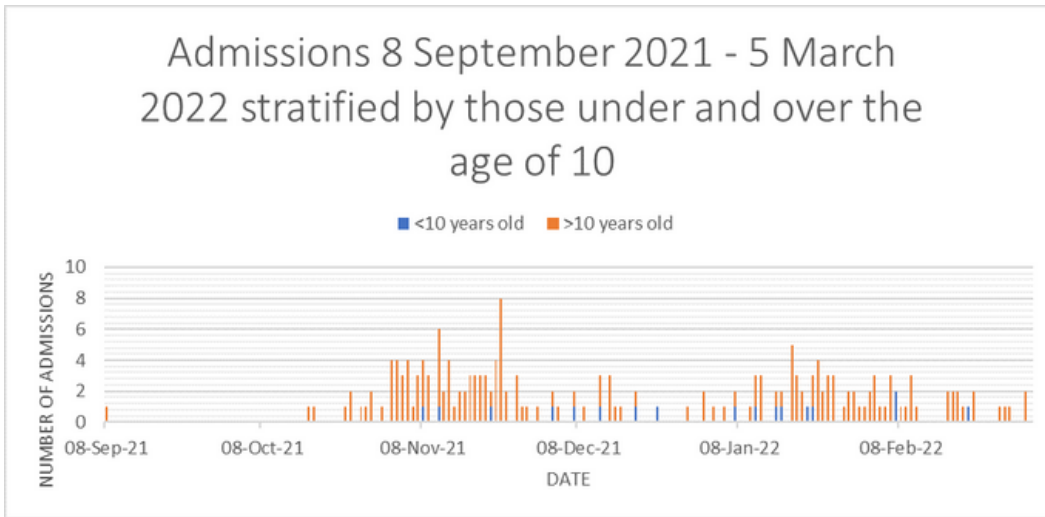


Figure 4: Data as of 08-03-2022 (update pending).

Figure 5: Vaccine coverage

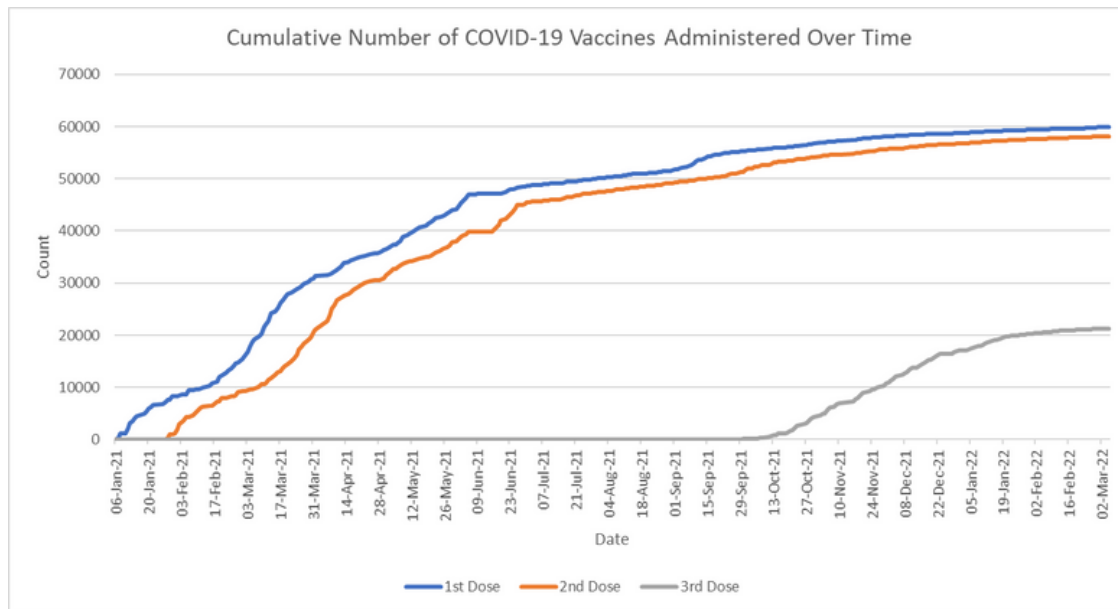


Figure 5: Data as of 19-02-2022 (update pending).

Summary

Another unvaccinated patient with severe comorbidities has died during Epidemiological Week, or Epi. Week 9 (27 February - 5 March) according to the COVID-19 situational report released tonight (Wednesday 9 March). Additionally, there were two other recent deaths that have now been ruled as COVID related. This brings the total number of COVID-19 related deaths to 21 since the beginning of the pandemic in March 2020. Delays in classification and reporting of deaths are due to a combination of factors, including waiting for autopsy and home deaths.

During Epi. Week 9, there were 236 new cases of COVID-19 reported by Public Health. This was 147 cases less than were reported in the previous Epi. Week (20 -26 February).

Officials noted that 1,429 tests were conducted in Epi.Week 9 compared to 2,581 tests in Epi.Week 8 and 3,098 tests in Epi.Week 7.

During Epi. Week 9, there were 17 hospital inpatients going through the two main hospitals in the Cayman Islands (Health Services Authority and Health City Cayman Islands).