



# Cayman Islands COVID-19 Situational Report (SitRep)



## Highlights

### International Situation

Many countries are experiencing some resurgence in the number of cases after the significant decline following the large waves of late December 2021/January 2022.

The combination of good primary vaccination and booster coverage alongside the large numbers of recent infections from the December/January Omicron wave is preventing the increase in hospital admissions & deaths compared to earlier waves of the pandemic. However, this is not an indicator of the pandemic ending but instead, a different phase of the pandemic. Societies can manage a closer return to normality by maintaining a high vaccine coverage and following some basic precautions. Strong surveillance systems and preparedness of health systems are essential to the timely identification of new variants and potential escalation of cases, hospital admission and deaths.

### Local Trends

The increase in cases continues for the sixth week in a row with a daily average of 86 new PCR positive cases compared to 66 in the previous week. The positivity rate is slightly lower at thirty-two percent this week compared to thirty-three percent in the previous week. When this is considered with the fact that a higher number of tests were performed (1897 compared to 1419 in the previous week), it would suggest a genuine but modest decline in infection.

### Hospital Admissions

Admissions remained low with 5 new admissions (1 more than the previous week) and the same number of inpatients testing positive (9) as the previous week.

### Vaccination

There has been a modest increase in first and second dose coverage in persons over age five from previous week (93.91 to 94 percent and 90.89 to 91 percent respectively) with 257 more fourth doses given this week.

### Key Message

Booster coverage, especially third dose, needs to improve. Persons should take into consideration that several countries are starting making third dose an entry requirement.

Table 1: COVID-19 case numbers (24-30 April 2022)

Data as of 02-05-22

	Total
Total cases to date (Fig 1)	22,828
Total number of PCR positives last 30 days (Fig. 2)	1,798
Total number of PCR tests conducted (Epi. Week 17)	1,897
Total number of new <sup>1</sup> positives (Epi. Week 17)	604
Daily average of new positives (Epi. Week 17)	86
Test positivity rate <sup>2</sup> (Epi. Week 17) (Fig. 3)	32%
Case Rate <sup>3</sup>	871

<sup>1</sup> Newly confirmed cases (PCR) reported to Public Health between 00:00 to 23:59 on 24 April 2022 –30 April 2022.

<sup>2</sup> Number of new positive PCR results over total number of PCR tests done (new positive PCR results/total number of PCRs conducted)\*100

<sup>3</sup>Case Rate = proportion of persons who tested positive over population standardized to 100K population (New cases/total population)\*100,000

Figure 1: Total COVID-19 cases since March 2020

Data as of 02-05-22

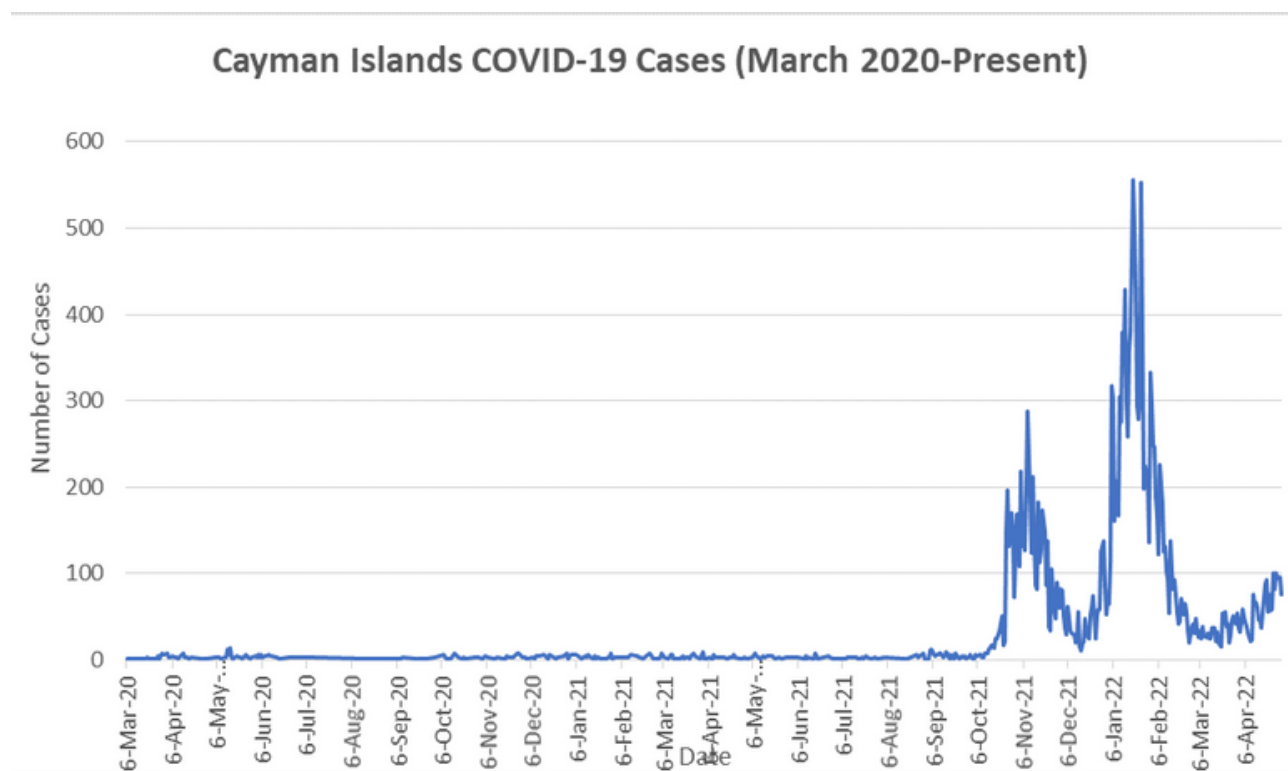


Figure 2: Number of COVID-19 cases in April 2022

Data as of 02-05-22

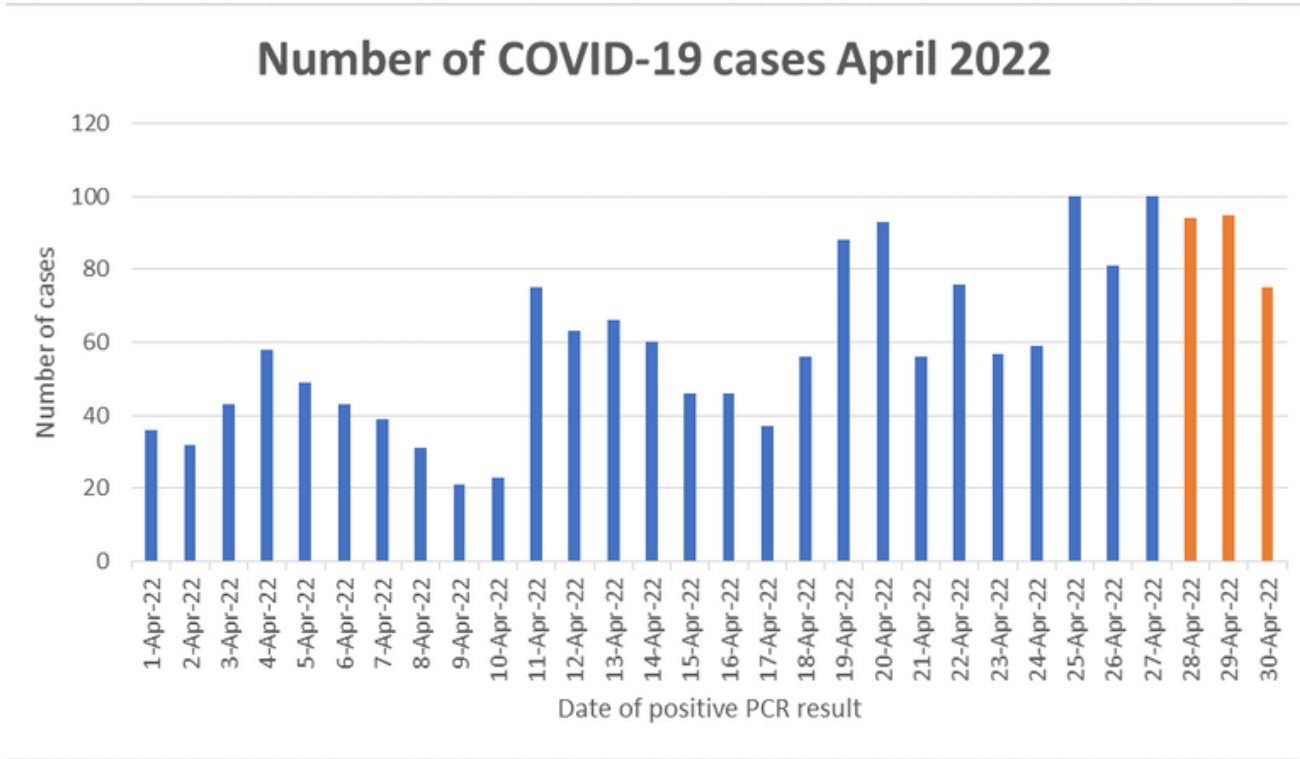


Figure 2: Data as of 02-05-2022. Orange bars indicate PCR results are pending thus figures may change.

Figure 3: Test Positivity Rate (24 - 30 April 2022)

Data as of 02-05-22

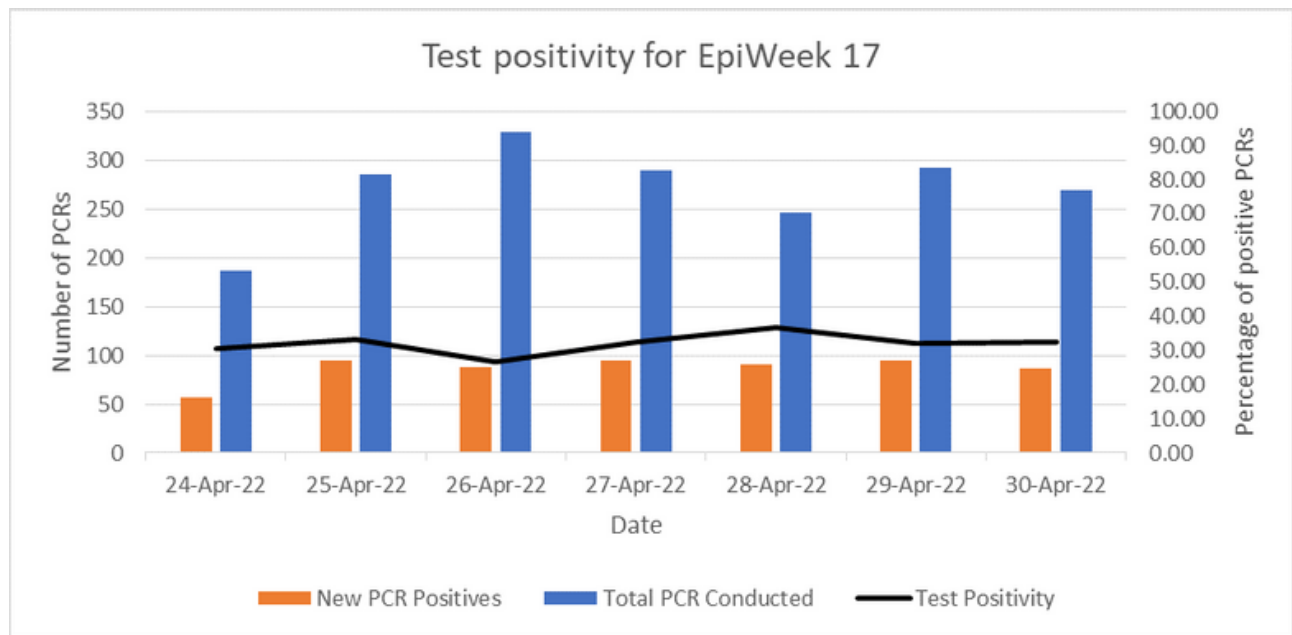


Figure 3: Data as at 02-05-2022

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

Table 2: COVID-19 hospitalisations (24 - 30 April 2022)

Data as of 02-05-22

	Total
Total inpatients for reporting period	9
% of admissions vaccinated	60%
New admissions	5
Number on supplemental oxygen	1
Number ventilated	1
Number in intensive care	1
Number of new deaths	0
Total COVID-19 inpatients since March 2020 to 30 April 2022	267
Total COVID-19 deaths since March 2020 to 30 April 2022	27
Number of COVID-19 inpatients 10 and older (8 Sep 21 – 30 April 22) (Fig. 5)	223
Number of COVID-19 inpatients below age 10 (8 Sep 21 to 30 April 22) (Fig. 5)	21

Figure 4: Current hospitalisations (since 8 September 2021 to 30 April 2022)

Data as of 02-05-22

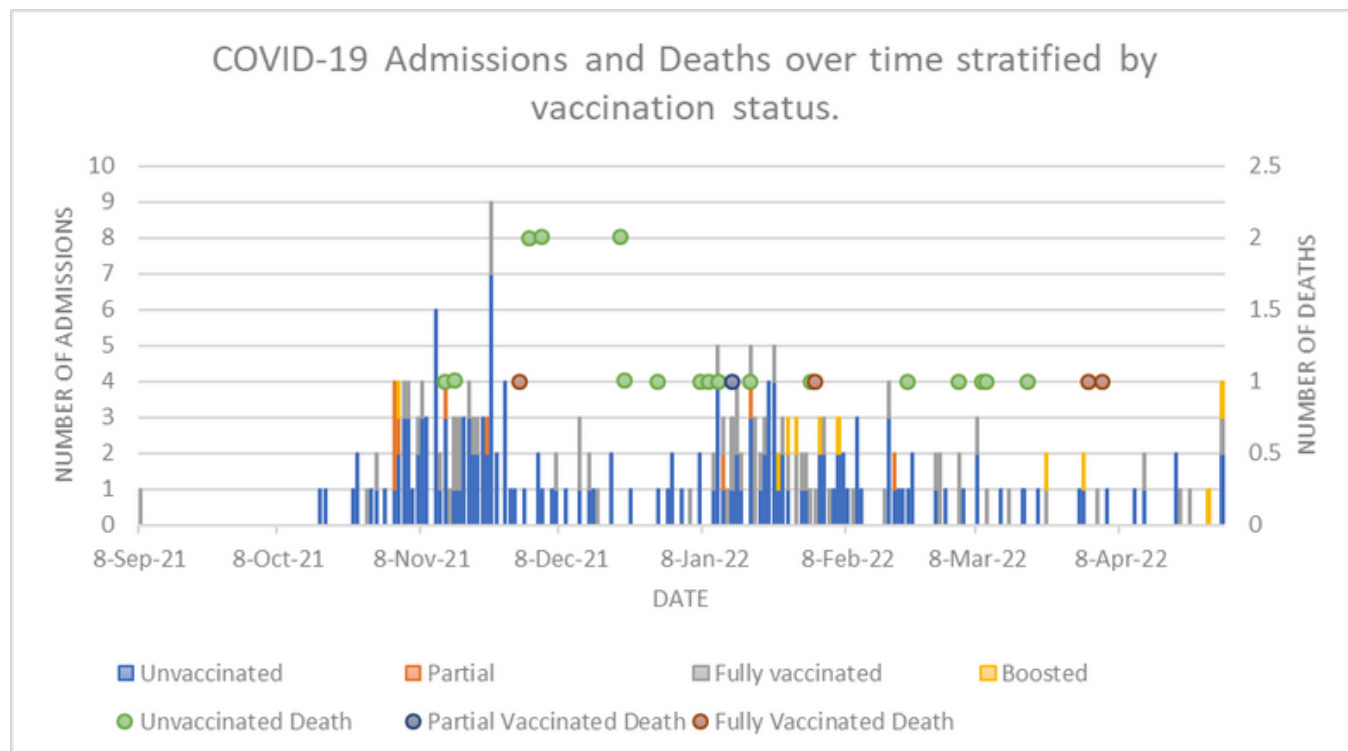
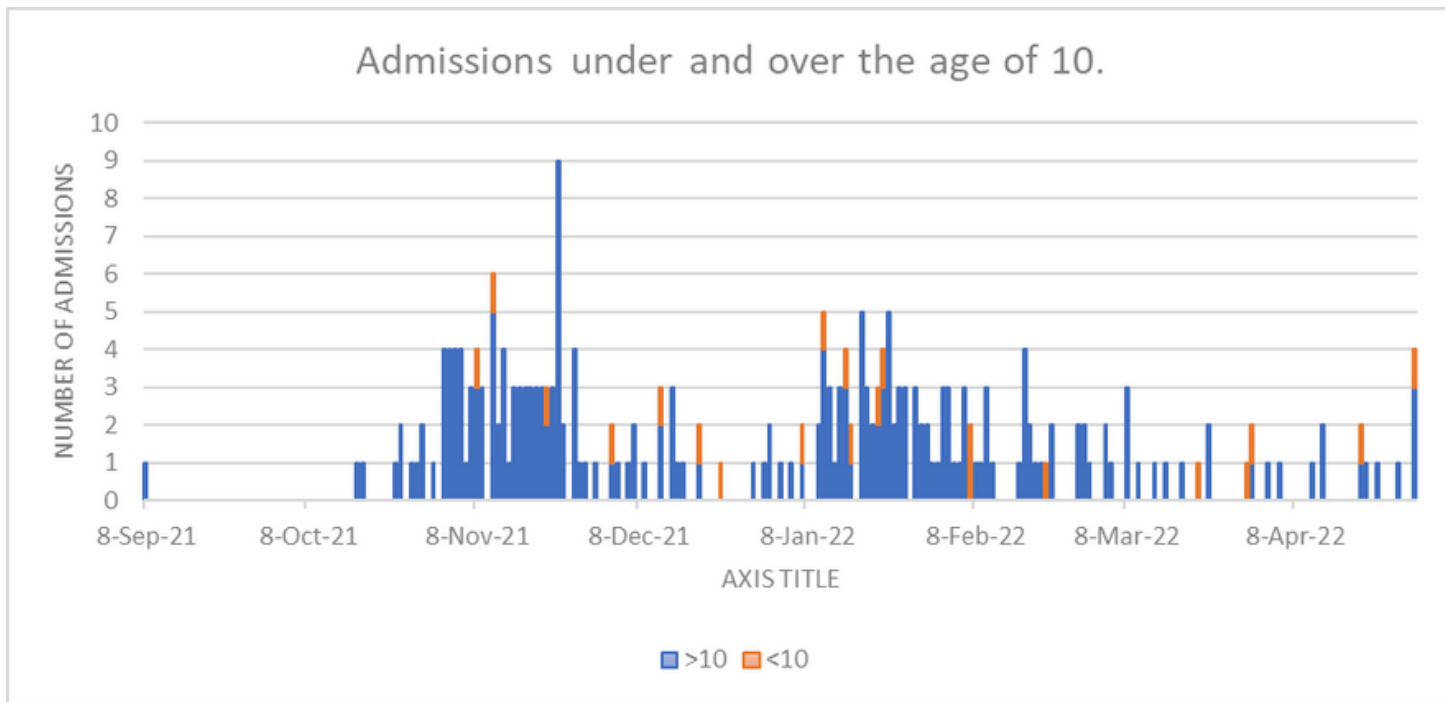


Figure 5: Admissions stratified by age (since 08-09-2021)

Data as of 02-05-22



\*First COVID-19 patient was in March 2020 but represented on Figure 5 as September 2021 for graphical reasons

Table 3: COVID-19 vaccines administered (24 - 30 April 2022)

Data as of 02-05-22

Dose Number	Count
1	54
2	78
3	98
4	256
<b>Total</b>	<b>486</b>

Table 4: CUMULATIVE COVID-19 VACCINE STATS (30 April 2022)

Data as of 02-05-22

<i>Based on Total Population of 69,350 (Fig. 6)</i>			
Dose Number	Count	Percentage of Total Population	Percentage of vaccine coverage of population over 5
1	60,855	87.8	94.0
2	58,924	85.0	91.0
3	22,987	33.1	35.5
4	430	0.6	0.7

Table 5: Vaccine stats for Paediatric Vaccine and Third Doses

Data as of 02-05-22

<b>3rd dose coverage for population &gt;20 (Fig.7).</b>		<b>41.8%</b>
<b>Number of children (5-11) immunized with the paediatric vaccine*</b>		568

Figure 6: Vaccine Coverage total population

Data as of 02-05-22

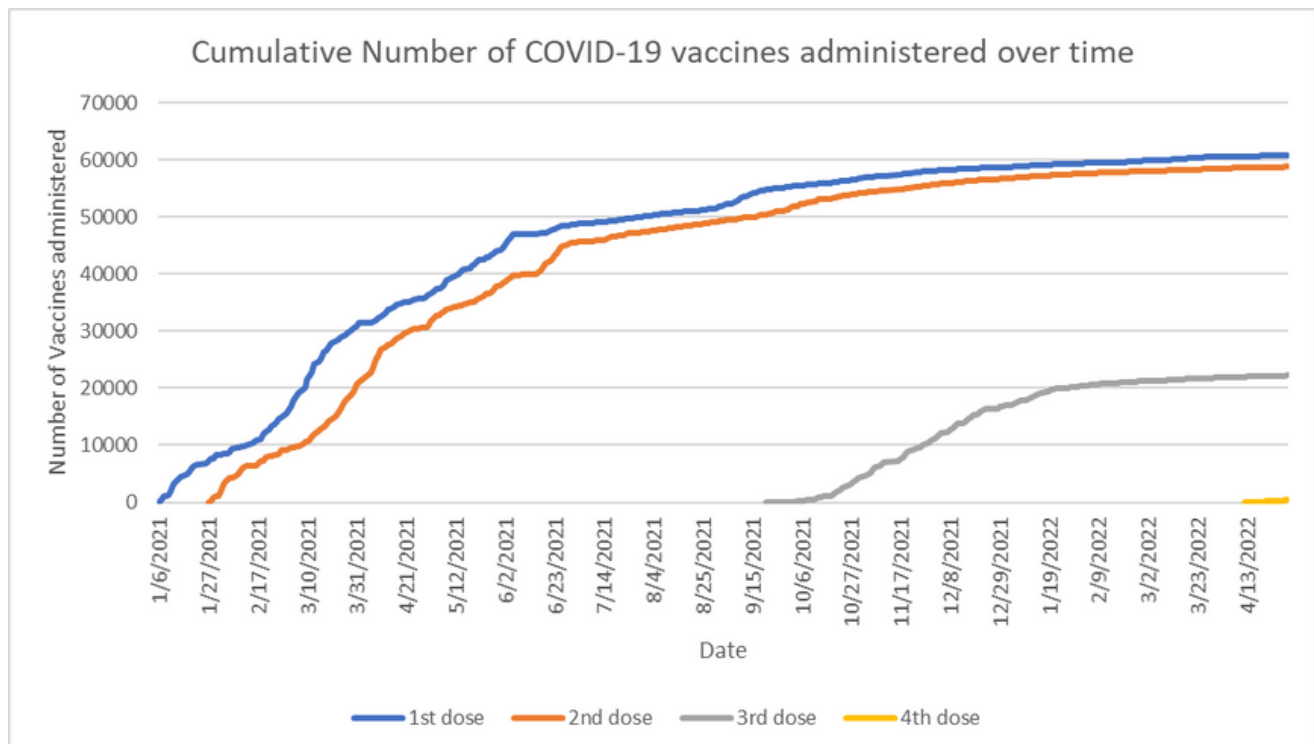


Figure 7: Booster (3rd dose) Vaccine Coverage per Age Groups

Data as of 02-05-22

