



Cayman Islands COVID-19 Situational Report (SitRep)



Highlights

International Situation

According to the World Health Organisation (WHO), COVID-19 cases increased in two of the six world regions, the Americas (6.9 per cent) and the West Pacific (5.6 per cent) while cases decreased in the remaining four regions.

Deaths attributed to COVID-19 decreased in four regions, including the Americas but increased in Europe (30.1 per cent) and the West Pacific (0.6 per cent).

Local Trends

There was a slight decrease in Epi. Week 20, the first since the current wave began in mid-March 2022.

There were 833 new positive cases in Epi. Week 20 compared to 895 in Epi Week 19; and the test positivity rate fell from 35 per cent to 31 percent. More PCR tests were conducted in Epi. Week 20 at 2,691 versus 2,585 in Epi. Week 19.

Hospital Admissions

Five new patients tested positive for COVID-19 (one less than the previous week); of these admissions, only one was in an inpatient with COVID-19 related pathology. The remaining four were patients admitted for other reasons and found to be positive on routine screening.

Vaccination

Children's (age 5-11) vaccination restarted this week, with 12 first doses and 45 second doses administered during one session on May 21.

Key Messages

While the number of new positive PCR results remains high in Cayman during the current wave, hospital admissions have remained low. This is due to the epidemiological status (high vaccination) we are now in compared to the pre-vaccine period in the early stage of the pandemic. As new public health challenges appear in our global community, such as Monkeypox, it is vital that we continue to strengthen our local surveillance system and preparedness status while maintaining prevention measures, such as frequent handwashing and mask-wearing inside public spaces, which offer protection for more than just COVID-19.

Table 1: COVID-19 case numbers (15 - 21 May)

Data as of 25-05-22

	Total
Total cases to date (<i>Fig 1</i>)	25,318
Total number of PCR positives last 30 days (<i>Fig. 2</i>)	3,229
Total number of PCR tests conducted	2,691
Total number of new ¹ positives	833
Daily average of new positives	119
Test positivity rate ² (<i>Fig. 3</i>)	31%
Case Rate ³	1,201

¹ Newly confirmed cases (PCR) reported to Public Health between 00:00 to 23:59 on 15 May 2022 –21 May 2022.

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

³Case 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 23-05-22

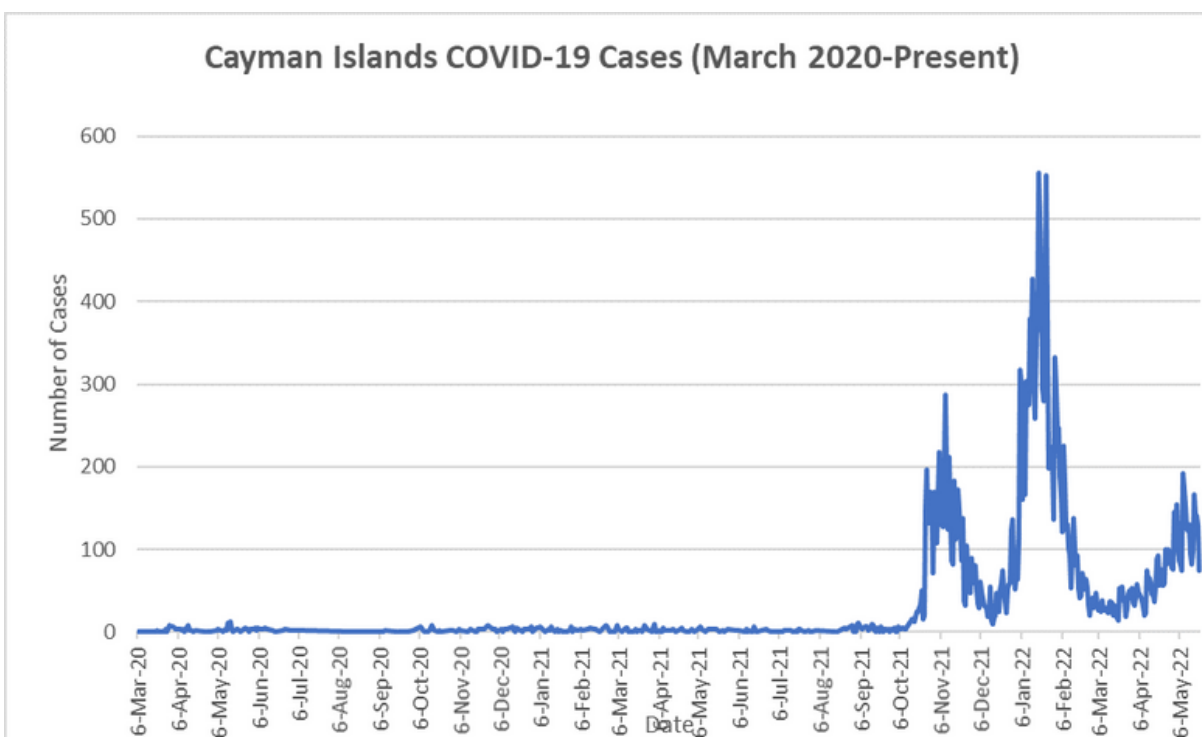


Figure 2: Number of COVID-19 cases in April - May 2022

Data as of 23-05-22

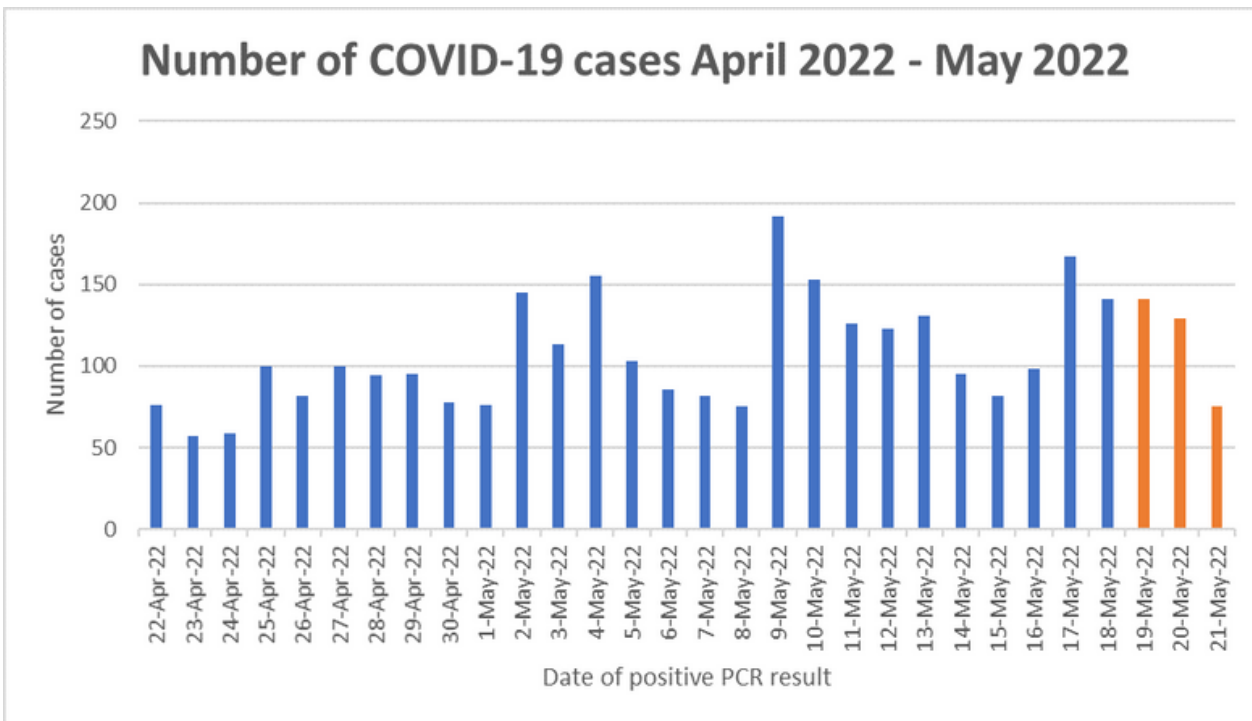


Figure 2: Data as of 23-05-2022. Orange bars indicate PCR results are pending thus figures may change.

Figure 3: Test Positivity Rate (15 -21 May 2022)

Data as of 23-05-22

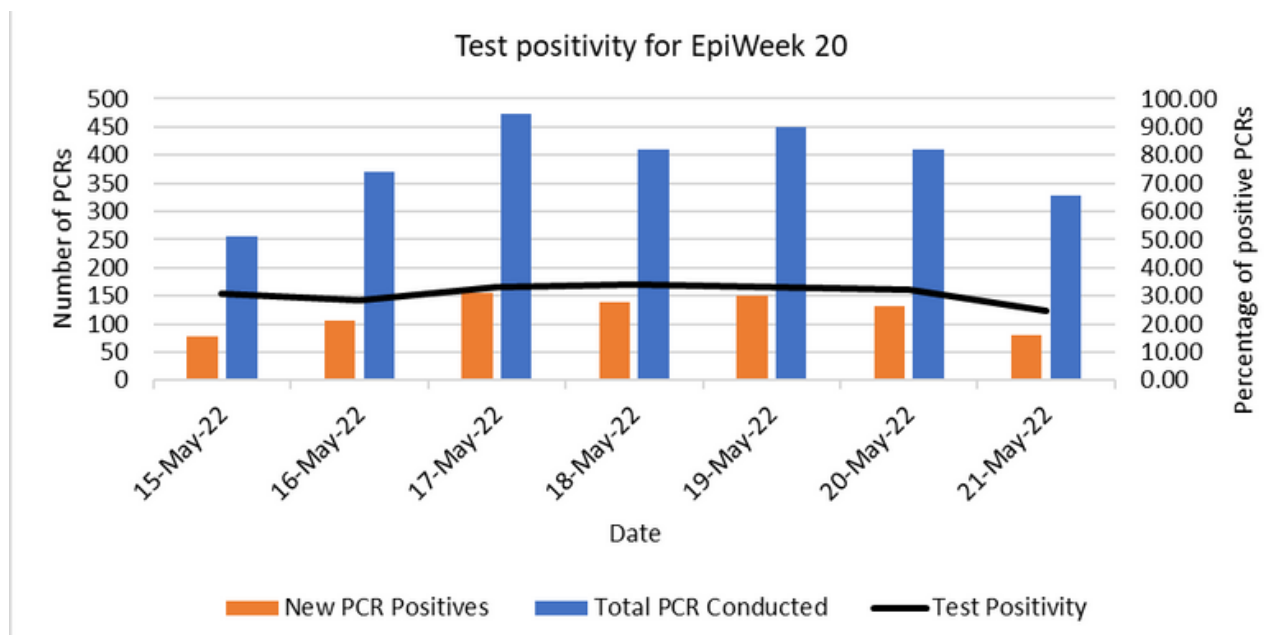


Figure 3: Data as at 23-05-2022

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

Table 2: COVID-19 hospitalisations (15-21 May 2022)

Data as of 23-05-22

	Total
Total inpatients for reporting period	15
Percentage of admissions vaccinated(boosted)	60%(20%)
New admissions	5 (*1/5 in hospital for COVID)
Number on supplemental oxygen	0
Number ventilated	0
Number in intensive care	0
Number of new deaths	0
Total COVID-19 inpatients since March 2020 to 21 May 2022	284
Total COVID-19 deaths since March 2020 to 21 May 2022	28
Number of COVID-19 inpatients 10 and older (8 Sep 21 – 21 May 2022) (Fig. 5)	239
Number of COVID-19 inpatients below age 10 (8 Sep 21 to 21 May 2022) (Fig. 5)	21

*One out of the five new admissions to hospital was for COVID-19 morbidity related issues; 4/5 tested positive to PCR for COVID-19 as a result of routine in-patient screening

Figure 4: Current hospitalisations (since 8 September 2021 to 21 May 2022)

Data as of 23-05-22

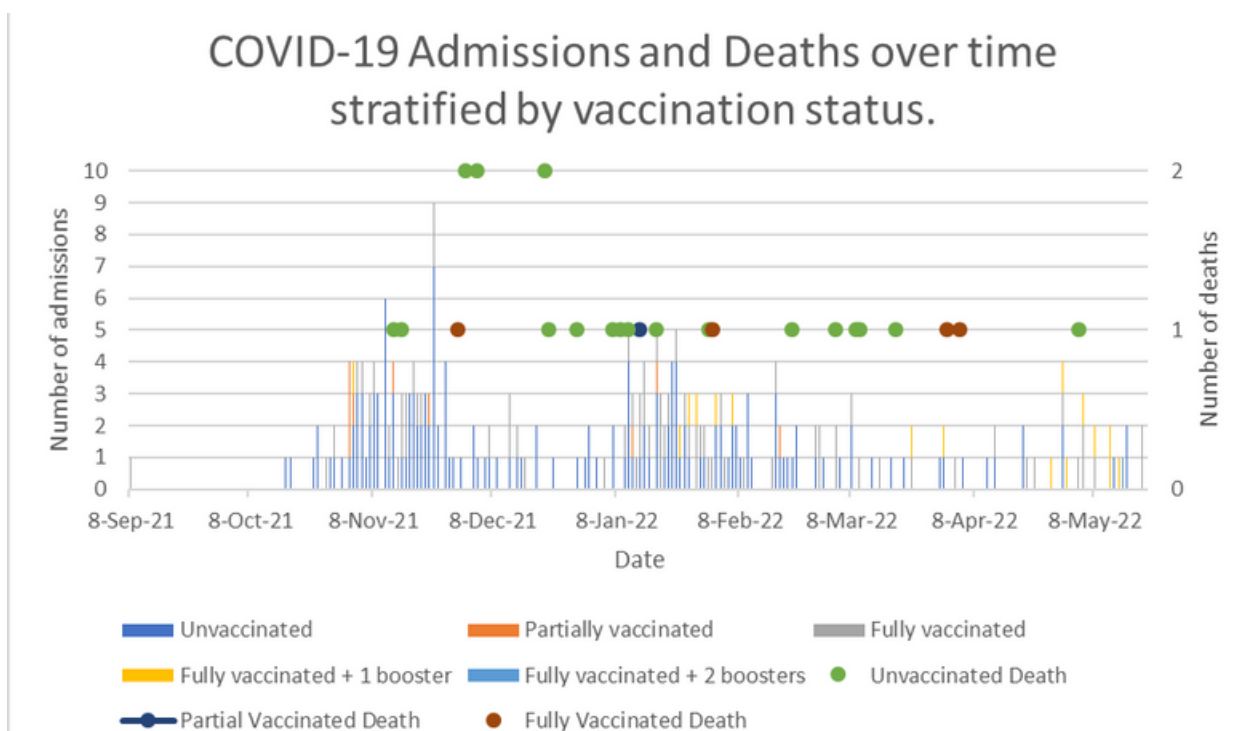
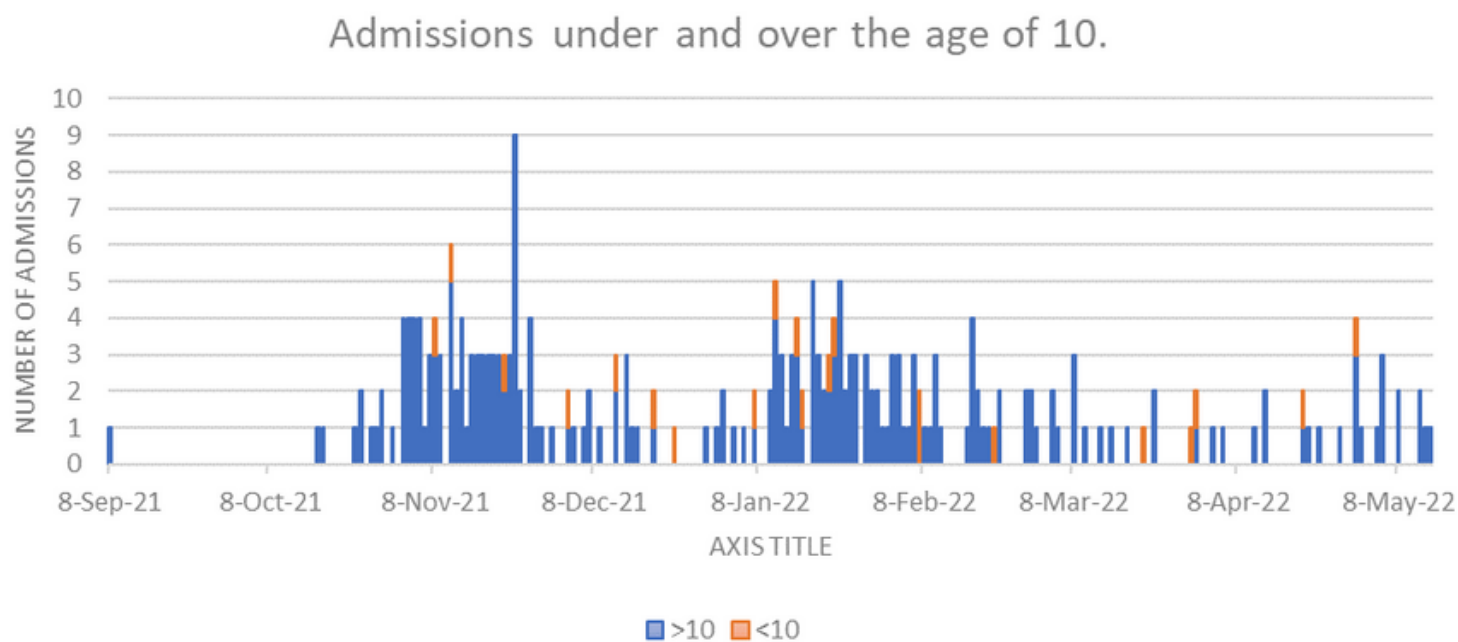


Figure 5: Admissions stratified by age (since 08-09-2021)

Data as of 23-05-22



*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 (15 - 21 May 2022)

Data as of 23-05-22

Dose Number	Count
1	47
2	83
3	58
4	176
Total	364

Table 4: CUMULATIVE COVID-19 VACCINE STATS (21 May 2022)

Data as of 23-05-22

<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	61,042	88.0	94.3
2	59,188	85.3	91.4
3	23,322	33.6	36
4	1,021	1.5	1.6

Table 5: Vaccine stats for Paediatric Vaccine and Third Doses

Data as of 23-05-22

3rd dose coverage for population >20 (Fig.7).	42.3%
Number of children (5-11) immunized with the paediatric vaccine*	612

Figure 6: Vaccine Coverage total population

Data as of 23-05-22

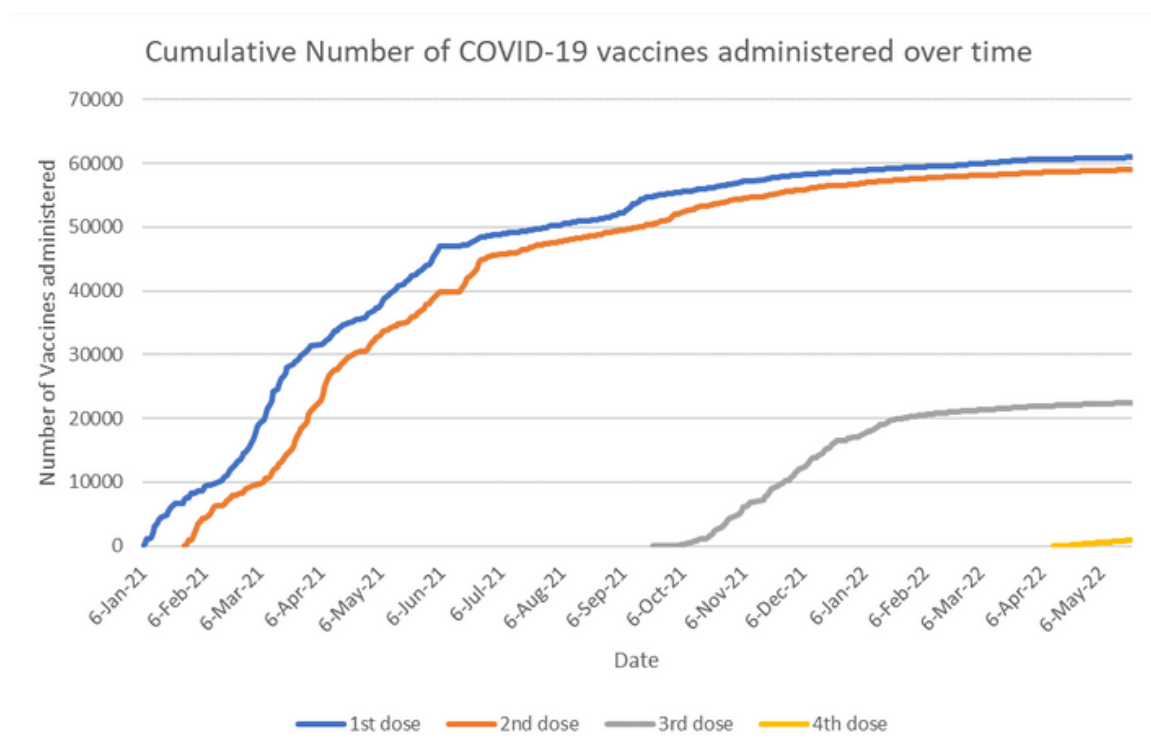


Figure 7: Booster (3rd dose) Vaccine Coverage per Age Groups

Data as of 23-05-22

