



Cayman Islands COVID-19 Situational Report (SitRep)



Highlights

International Situation

The World Health Organisation's (WHO) latest update from 1 May confirmed a decrease (-17%) in new cases globally (38 million) and deaths (-3% or 15,000) in the previous week. However, there has been an increase in cases in Africa (+31%) and the Americas (+13%). The decrease in testing in most countries needs to be considered when looking at the global, overall decrease in cases. According to WHO, the pandemic has caused so far 500 million cases and over 6 million deaths worldwide.

Local Trends

New infections in the Cayman Islands have continued to increase (748 versus 604 in previous week, i.e. 19% increase) with all other indicators showing an upward trend. It is important to note that the Cayman Islands has a high level of testing thus providing a more accurate picture than that of other countries where level of testing has decreased considerably.

Hospital Admissions

Despite the loss of another life during Epi. Week 18, hospital admissions have remained at the same low level (5 new admissions) as previous week confirming the combined protective effect of vaccination and post infection natural immunity. There have been 28 total deaths due to COVID-19 in the Cayman Islands thus far.

Vaccination

New vaccine delivery of both adult and paediatric doses from the UK Government is expected to arrive on 19 May.

Key Message

As we continue to re-open our society, we are faced with an increased number of infections. These are not translating in a large increase in hospital admissions/deaths thus far, but increased cases do take a toll on services as more people are away from work in isolation/quarantine. The re-opening has positive effects on multiple areas, including mental wellbeing and the economy. Protecting ourselves through all doses of vaccination is a key element to navigate these uncertain times alongside with continuing to practise personal infection control measures.

Table 1: COVID-19 case numbers (1 -7 May 2022)

Data as of 09-05-22

	Total
Total cases to date (<i>Fig 1</i>)	23,578
Total number of PCR positives last 30 days (<i>Fig. 2</i>)	2,250
Total number of PCR tests conducted (<i>Epi. Week 18</i>)	2,185
Total number of new ¹ positives (<i>Epi. Week 18</i>)	748
Daily average of new positives (<i>Epi. Week 18</i>)	107
Test positivity rate ² (<i>Epi. Week 18</i>) (<i>Fig. 3</i>)	34.3%
Case Rate ³	1079

¹ Newly confirmed cases (PCR) reported to Public Health between 00:00 to 23:59 on 1 May 2022 –7 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 09-05-22

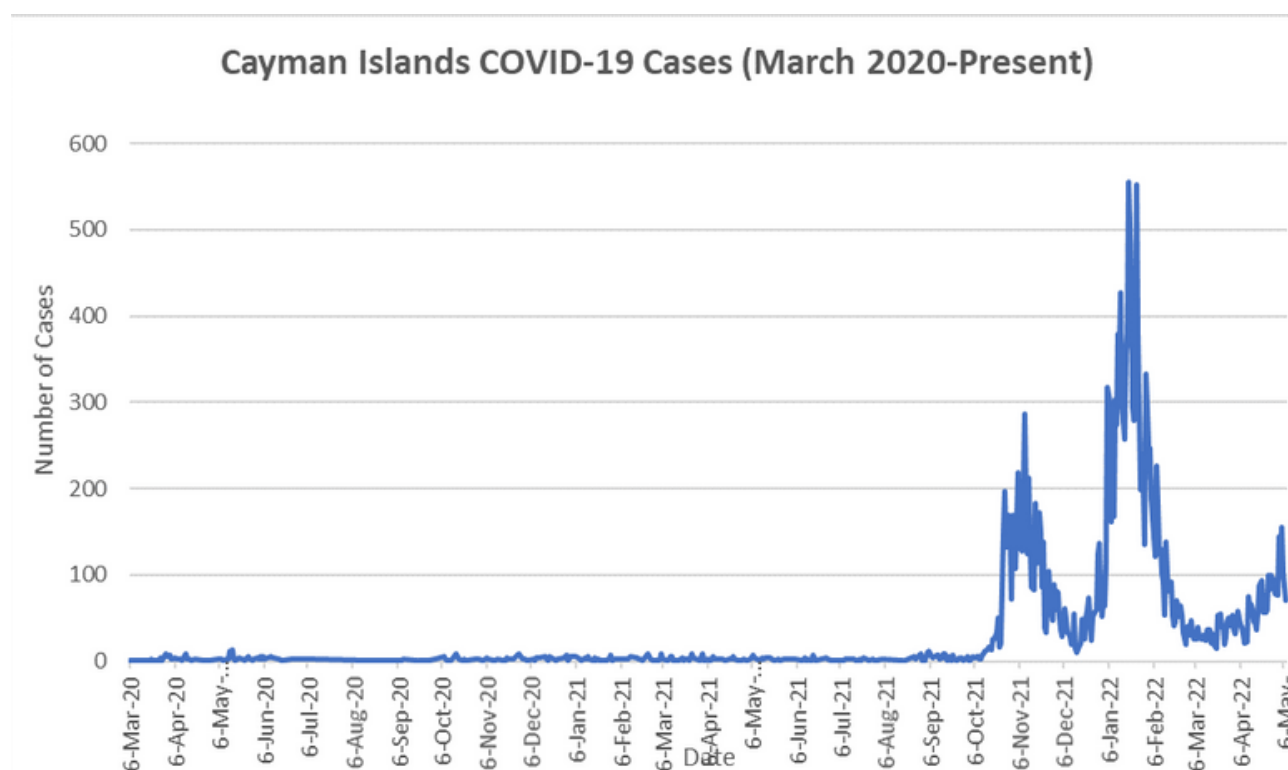


Figure 2: Number of COVID-19 cases in April - May 2022

Data as of 09-05-22

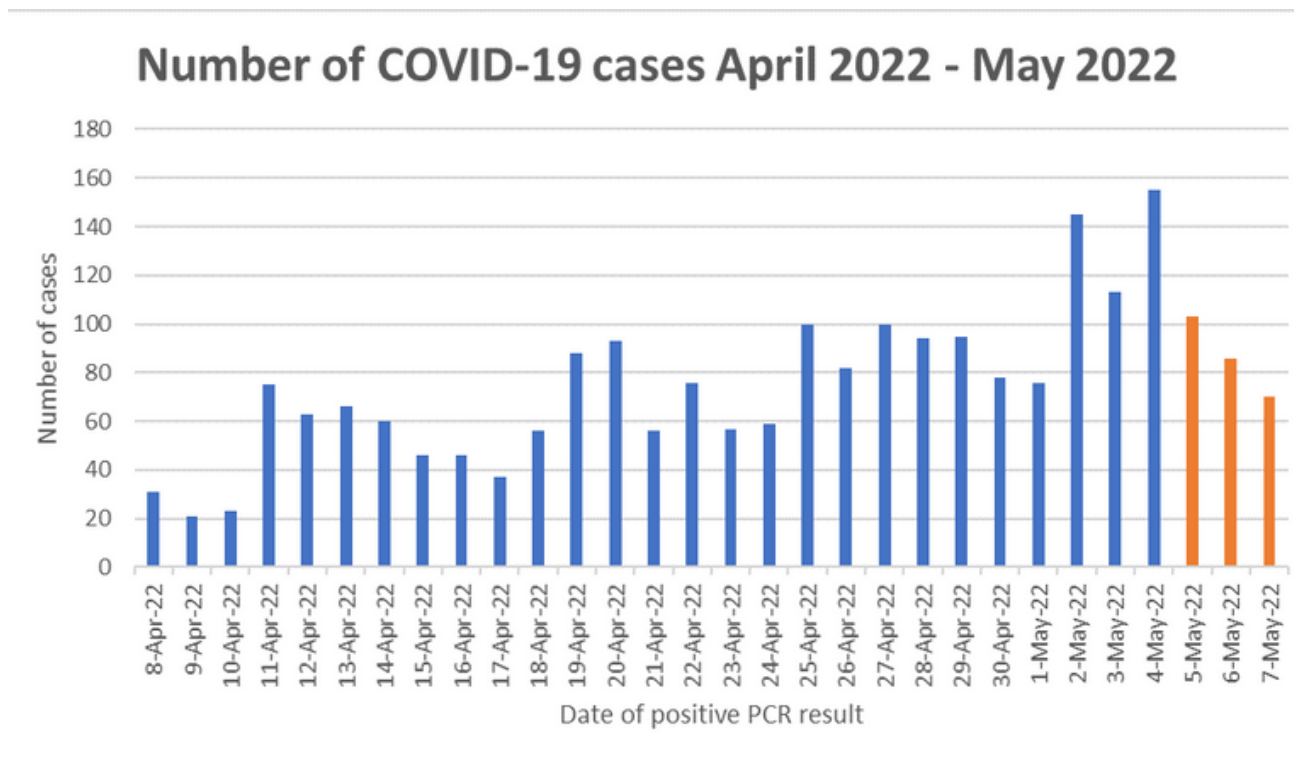


Figure 2: Data as of 09-05-2022. Orange bars indicate PCR results are pending thus figures may change.

Figure 3: Test Positivity Rate (1 - 7 May 2022)

Data as of 09-05-22

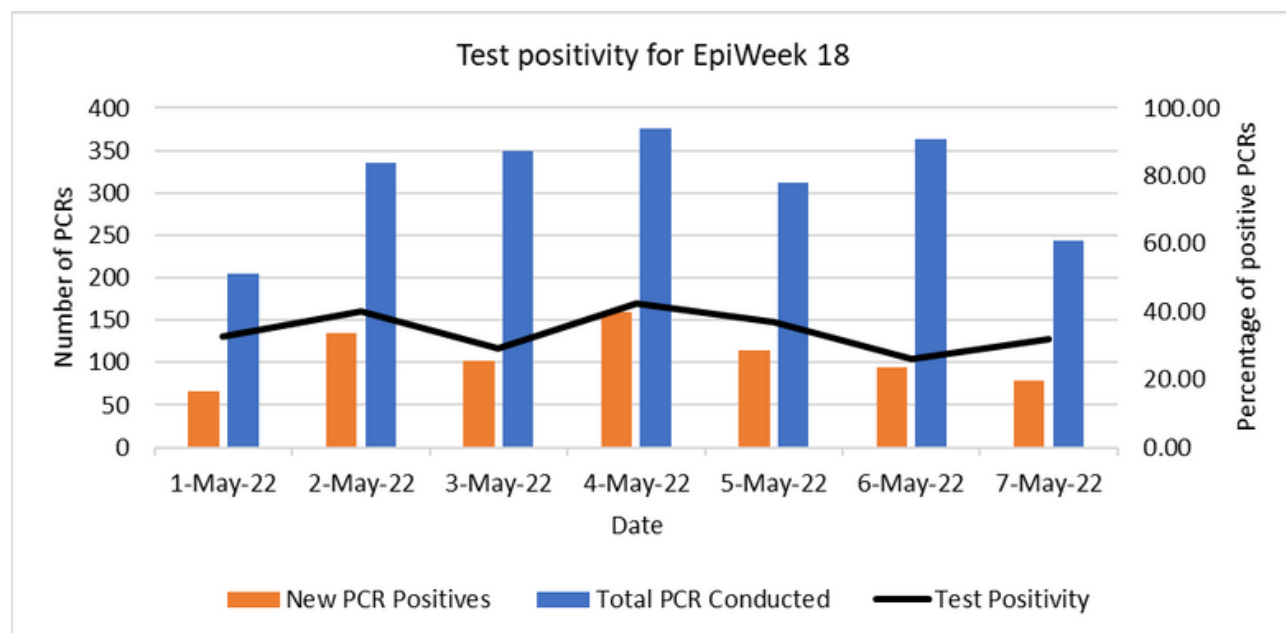


Figure 3: Data as at 09-05-2022

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

Table 2: COVID-19 hospitalisations (1-7 May 2022)

Data as of 09-05-22

	Total
Total inpatients for reporting period	12
Percentage of admissions vaccinated(boosted)	100%(40%)
New admissions	5
Number on supplemental oxygen	2
Number ventilated	0
Number in intensive care	0
Number of new deaths	1
Total COVID-19 inpatients since March 2020 to 30 April 2022	273
Total COVID-19 deaths since March 2020 to 30 April 2022	28
Number of COVID-19 inpatients 10 and older (8 Sep 21 – 30 April 22) (Fig. 5)	228
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 7 May 2022)

Data as of 09-05-22

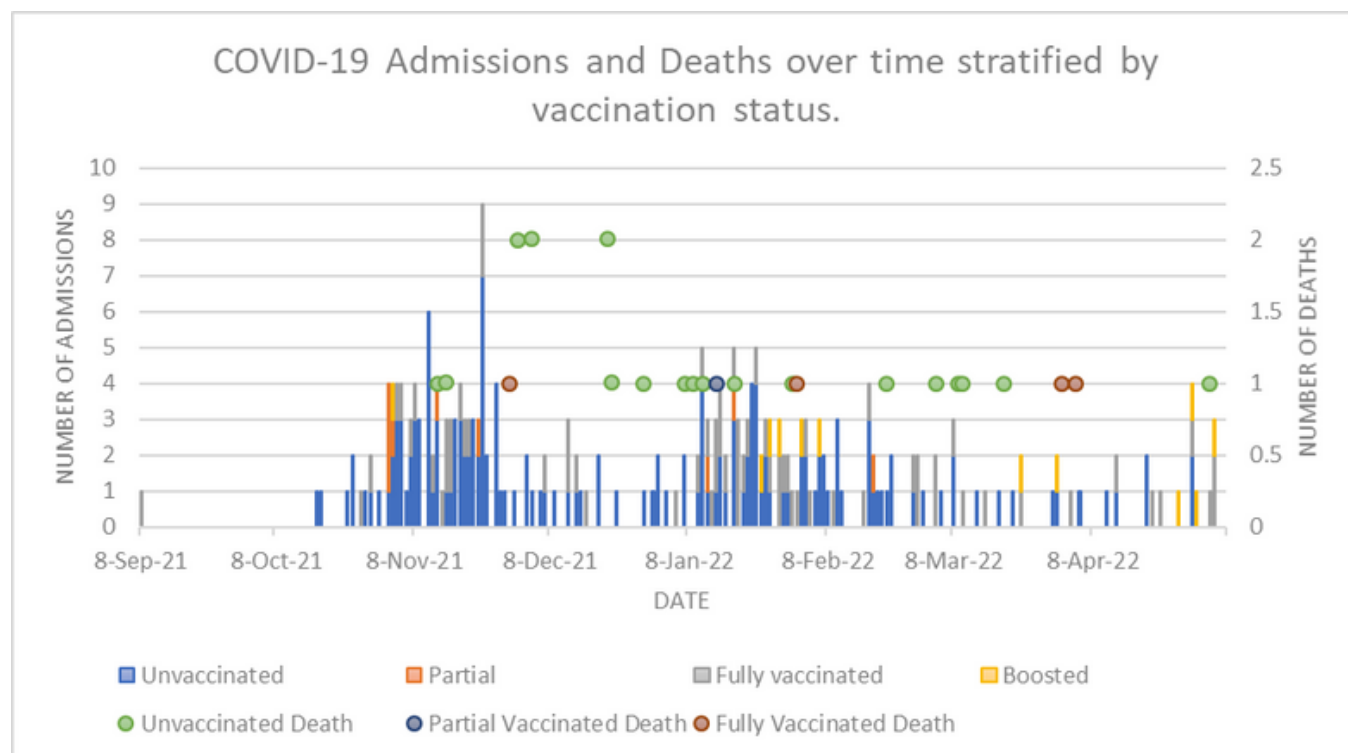
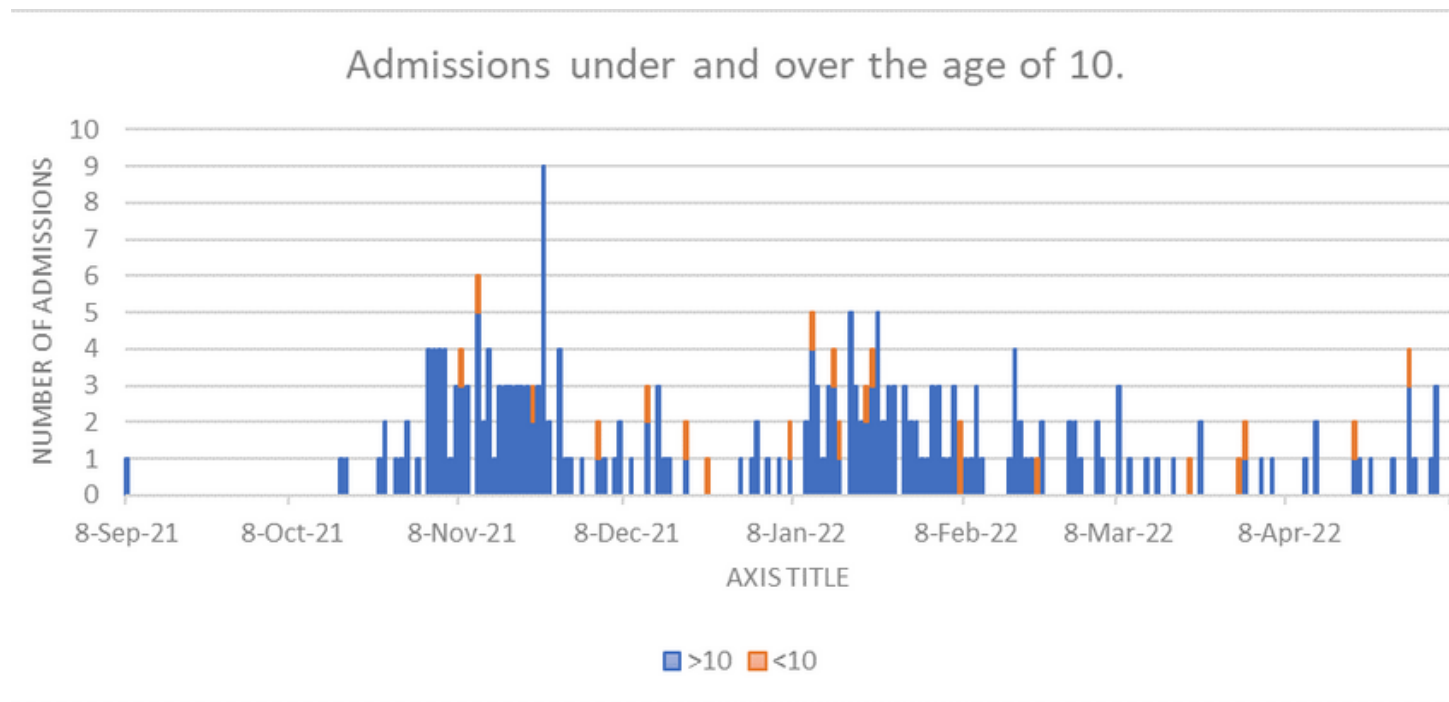


Figure 5: Admissions stratified by age (since 08-09-2021)

Data as of 09-05-22



*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 (1-7 May 2022)

Data as of 09-05-22

Dose Number	Count
1	42
2	61
3	80
4	192
Total	375

Table 4: CUMULATIVE COVID-19 VACCINE STATS (7 May 2022)

Data as of 09-05-22

Based on Total Population of 69,350 (Fig. 6)			
Dose Number	Count	Percentage of Total Population	Percentage of vaccine coverage of population over 5
1	60,930	87.9	94.1
2	59,031	85.1	91.2
3	23,189	33.4	35.8
4	635	0.9	1.0

Table 5: Vaccine stats for Paediatric Vaccine and Third Doses

Data as of 09-05-22

3rd dose coverage for population >20 (Fig.7).	42.0
Number of children (5-11) immunized with the paediatric vaccine*	568

Figure 6: Vaccine Coverage total population

Data as of 09-05-22

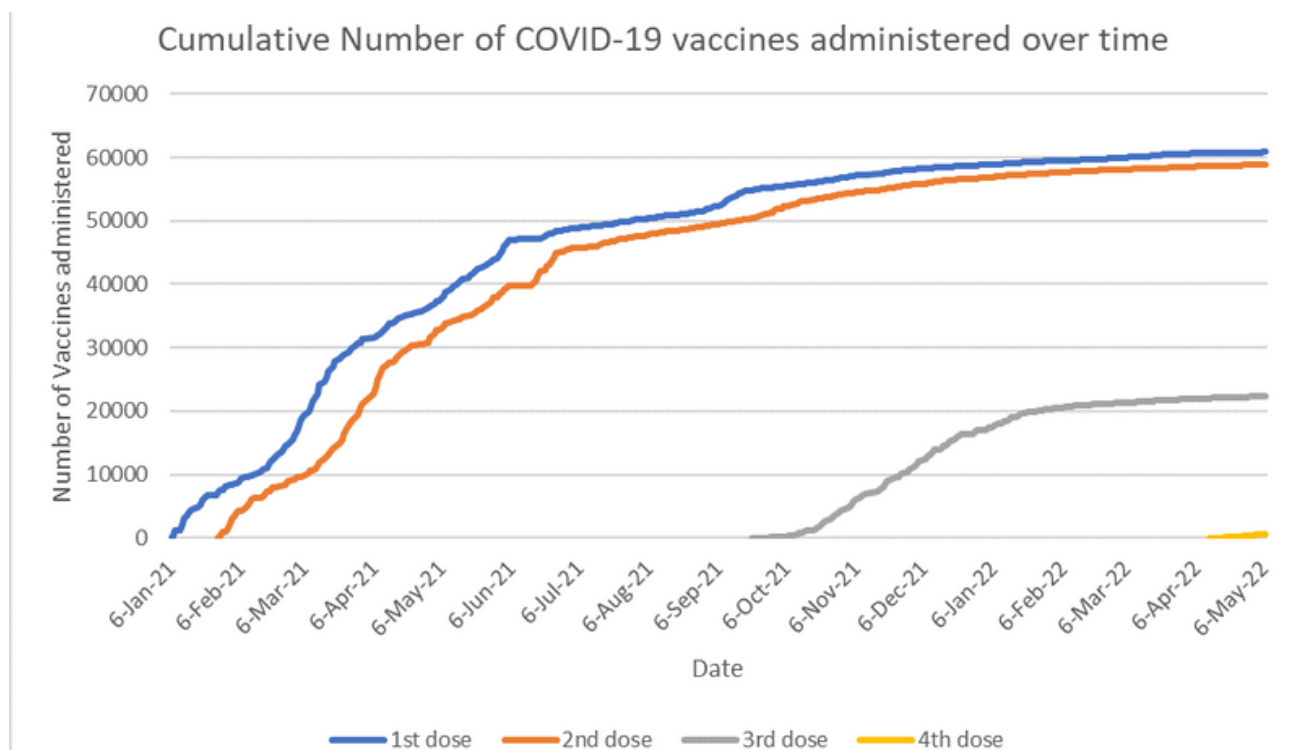


Figure 7: Booster (3rd dose) Vaccine Coverage per Age Groups

Data as of 09-05-22

