



Cayman Islands COVID-19 Situational Report (SitRep)



Highlights

International Situation

While COVID-19 restrictions have begun to lift around the world, some concern is being raised due to the resurgence in cases in several countries and lockdowns are being re-introduced (limited areas in China).

The new “wave” appears to be caused by the Omicron variant(s) (both BA.1 and BA.2). For example, the United Kingdom, which has already experienced a wave of Omicron BA.1, is now seeing the BA.2 variant “leading” the more recent surge in cases. The impact on hospital admissions remains low thus far, which is reassuring and most likely linked to the positive effects of vaccination.

Vaccination

New tables and figures have been added to this sit rep to give a better picture of the vaccination coverage so far, especially for the booster dose.

The overall coverage of the booster in the over 20 years old is 39%, which is amongst the best in the Caribbean UKOTs.

More significantly, the coverage amongst the over 65, which is the main target for the booster program, has already reached the 60% mark, which is very positive.

Efforts need to continue to increase the coverage in the younger age groups and move it forward, ideally toward 80% especially in the over 65.

Current figures for the children (5-11) vaccination campaign are also included. Plans are being put in place to carry out vaccination sessions in schools during this month to try and increase the uptake of the vaccine amongst this younger age group.

Hospital Admissions

Unfortunately 2 more patients, both unvaccinated and with severe co-morbidities, lost their life to COVID-19 this week bringing the total death toll to 23 since the beginning of the pandemic in March 2020 here in the Cayman islands.

Local Trends

The number of new positive PCR cases has further decreased this week (205 compared to 236 in previous week) and daily positive average has gone down from 34 to 29. The case rate has also decreased from 332 to 296.

Key Message

Surges in cases are being registered in several countries around the world, mostly driven by Omicron BA.1 and BA.2. Host adaptation, most influenced by vaccination and previous infection, appears to protect the populations from the most severe forms of the disease and death so far.

Table 1: COVID-19 case numbers (6 - 12 March 2022)

Data as of 15-03-22

	Total
Total cases to date	20,336
Total number of PCR tests conducted	1,162
Total number of new¹ positives	205
Daily average of new positives	29
Case Rate	296

¹¹ Newly confirmed cases (PCR) reported to Public Health between 00:00 to 23:59 on 6 March 2022 –12 March 2022.

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

NB: The new total population figure used is 69,350 instead of 71,106.

Table 2: COVID-19 hospitalisations (6 - 12 March 2022)

Data as of 12-03-22

	Total
Total inpatients for reporting period	13
% of admissions vaccinated	50%
New admissions	4
Number on supplemental oxygen	2
Number ventilated	3
Number in intensive care	3
Total COVID-19 inpatients since March 2020 to present	237
Total number of new deaths	2
Total deaths since March 2020	23

Table 3: COVID-19 vaccines administered (6 - 12 March)

Data as of 12-03-22

Dose Number	Count
1	67
2	40
Boosters	134
Total	241

Doses vaccine administered so far to 5-11 age group	
Jan	47
Feb	145
Mar	152
Total	344

Figure 1: Cumulative Number of COVID-19 Vaccines Administered Over Time

Data as of 12-03-22

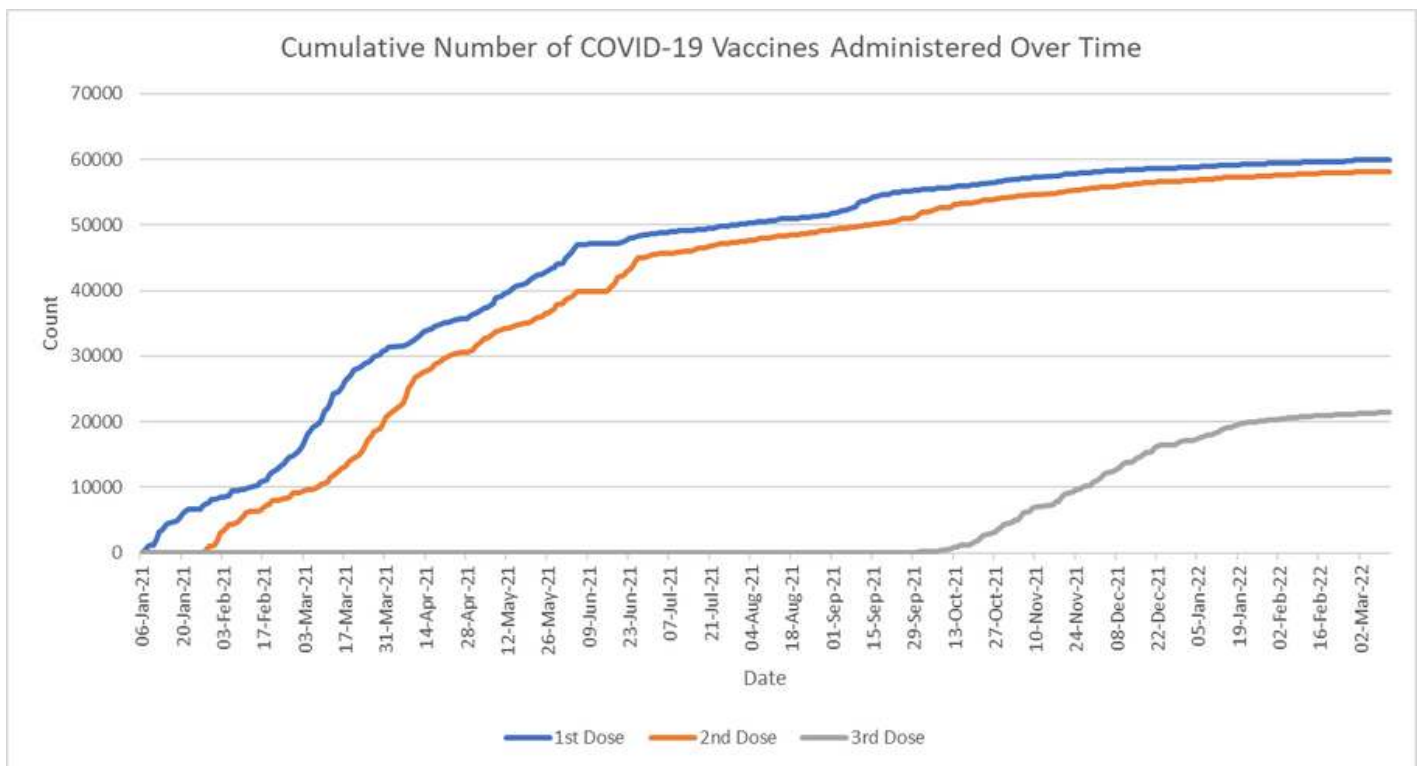


Table 4: CUMULATIVE COVID-19 VACCINE STATS (12 March 2022)

<i>Based on Total Population of 69,350*</i>			
Dose Number	Count	Percentage of Total Population	Percentage of vaccine coverage of population over 5
1	60,095	86.7%	93%
2	58,279	84.0%	90%
3	22,199	32.0%	34%

A new denominator (69,350) taken from the latest 2021 Census is being used here, replacing the previously estimated denominator (71,106)

To get a more accurate picture of the coverage for the booster in Cayman, the doses (3rd dose or booster) given to those over the age of 20 have been used to calculate the coverage for the booster program, given that younger age groups are just now starting vaccination courses and boosters are very limited or not available yet for them.

Table 5: Third dose coverage of over 20s

3rd dose Coverage of over 20s	
3 rd doses delivered to >20s	21,158
Pop. >20	54,230
Coverage	39.02%

Figure 2: Number of doses administered by age groups (new census denominator)

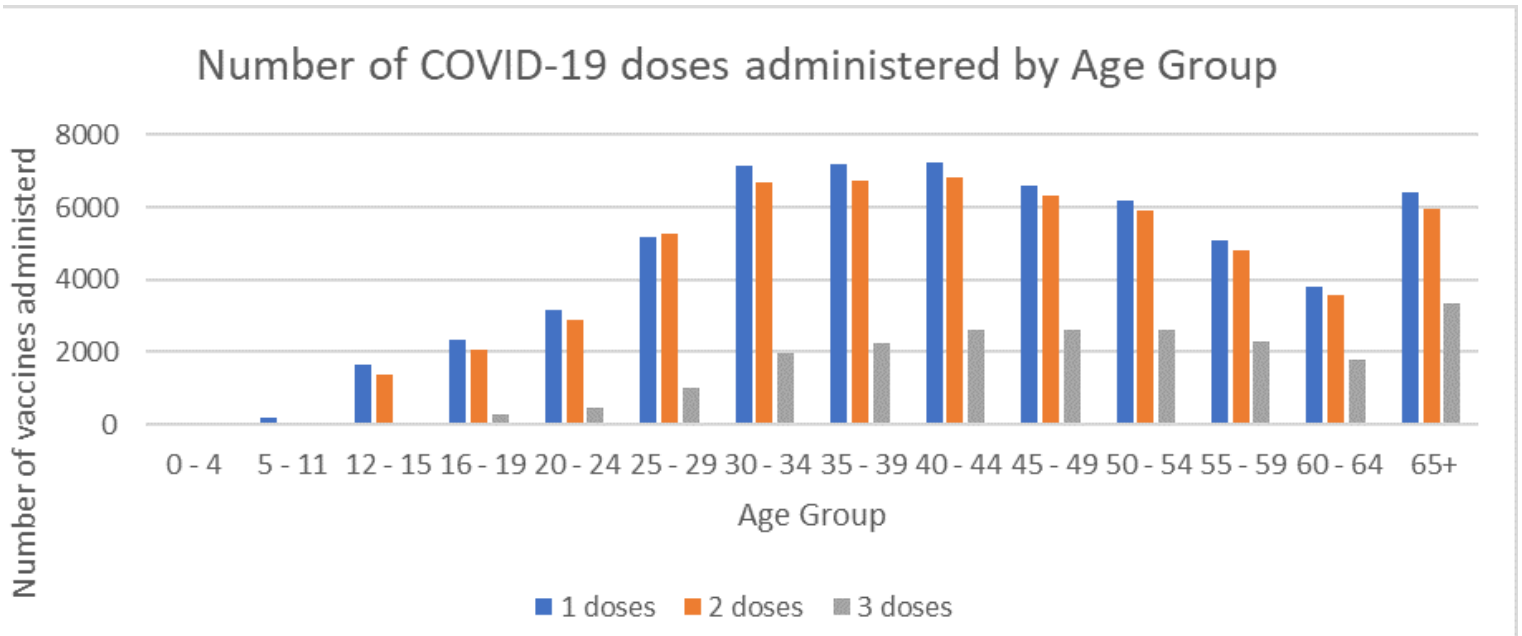


Figure 3: Vaccine coverage by age groups

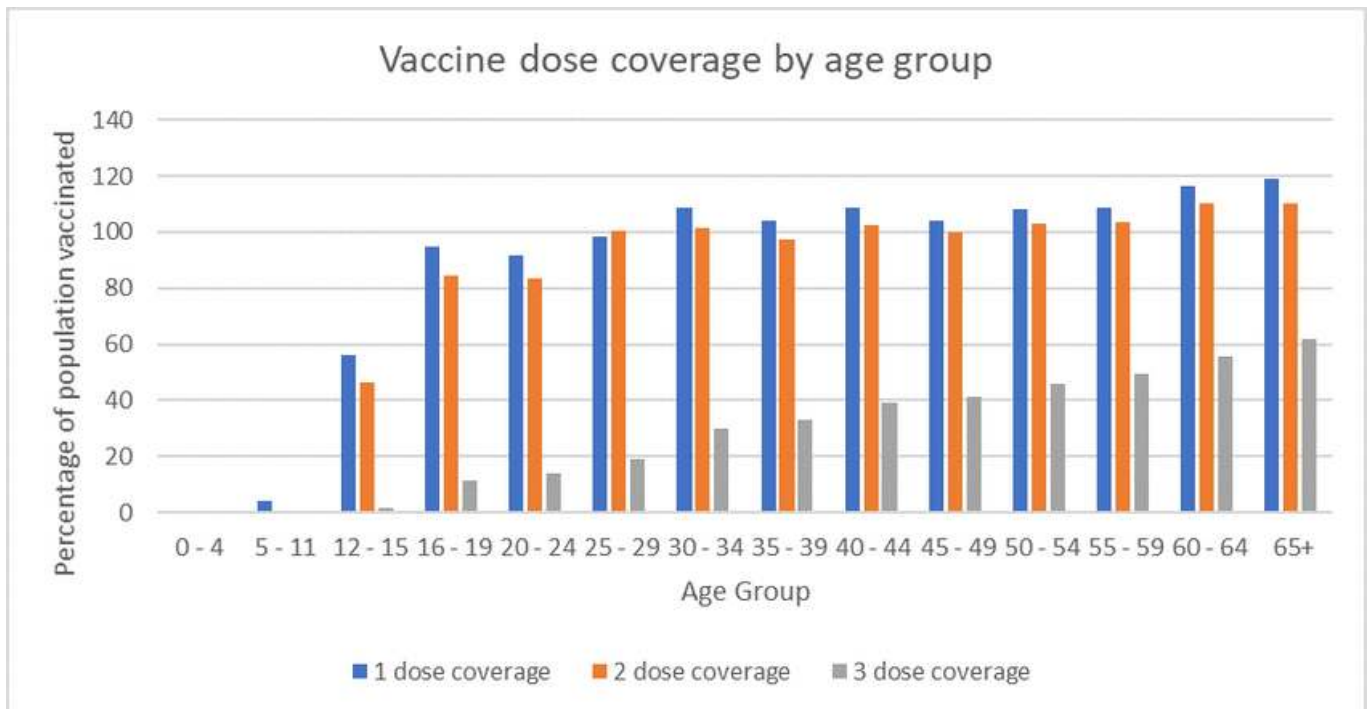


Figure 4: Number of COVID-19 cases in February - March 2022

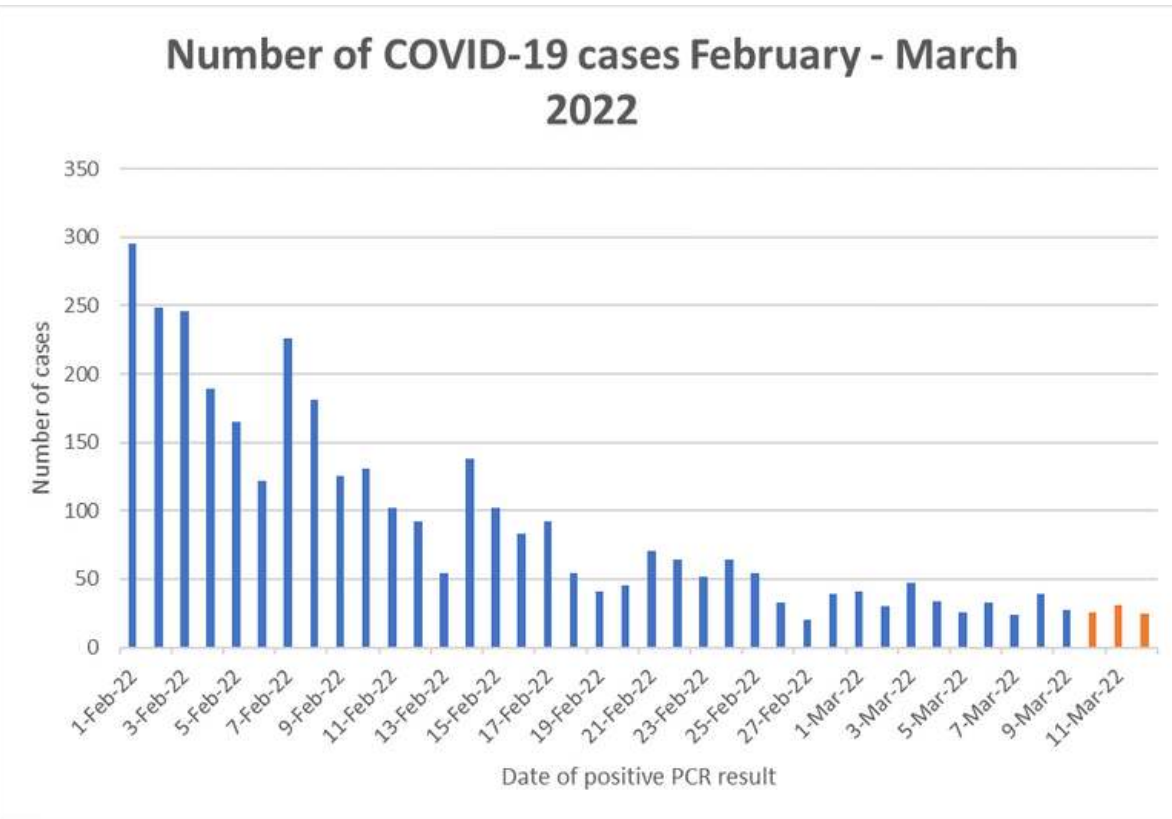


Figure 5: Total COVID-19 cases since March 2020

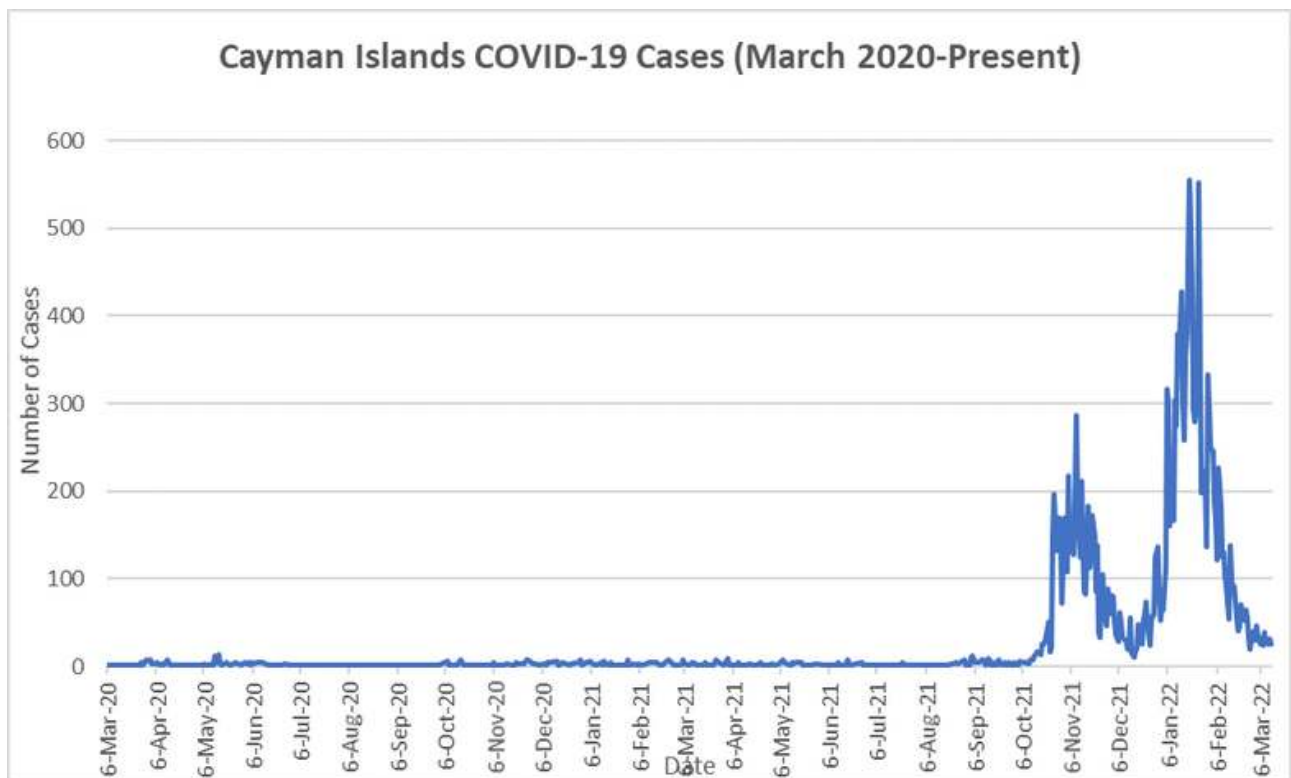


Figure 6: Current hospitalisations (since 08-09-2021)

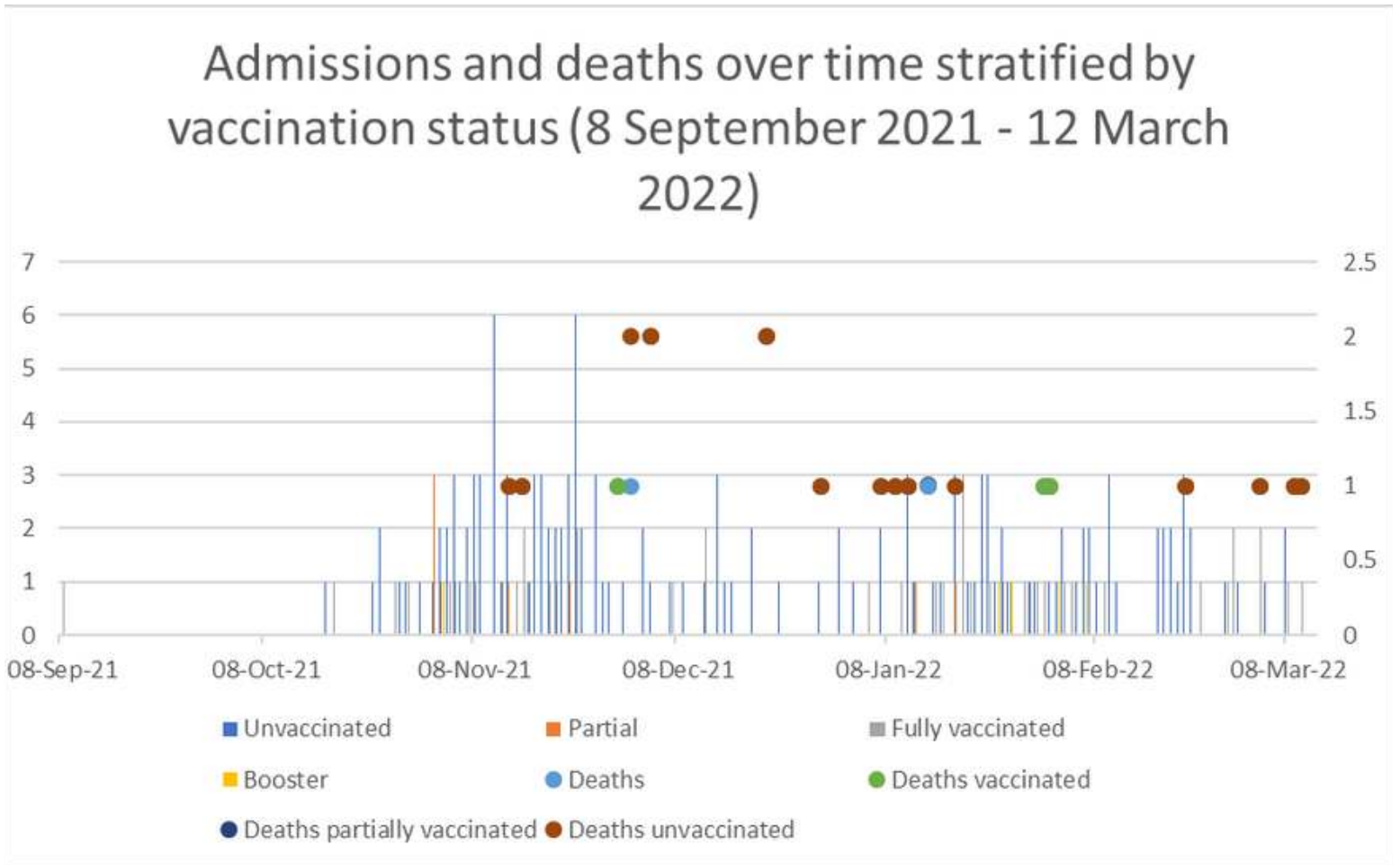


Figure 7: Admissions stratified by age (since 08-09-2021)

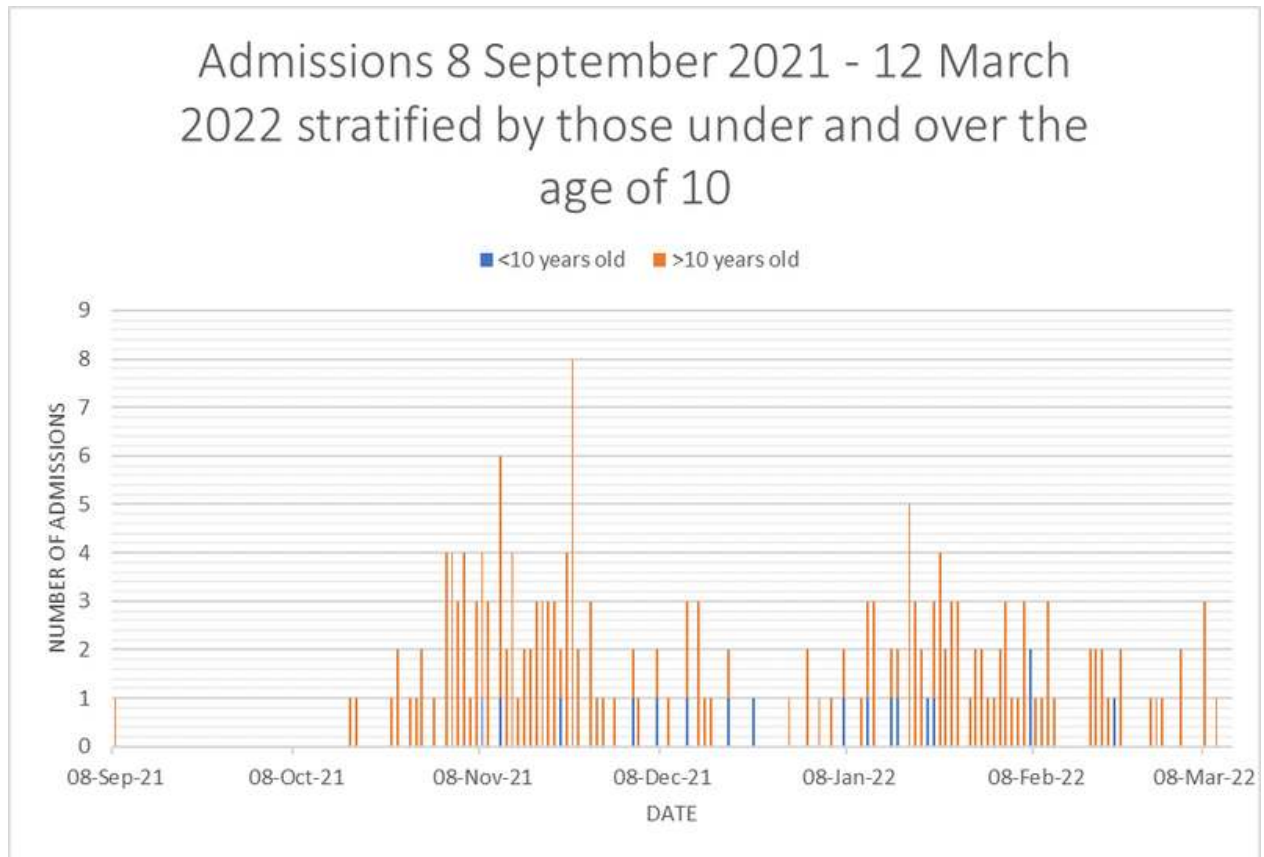
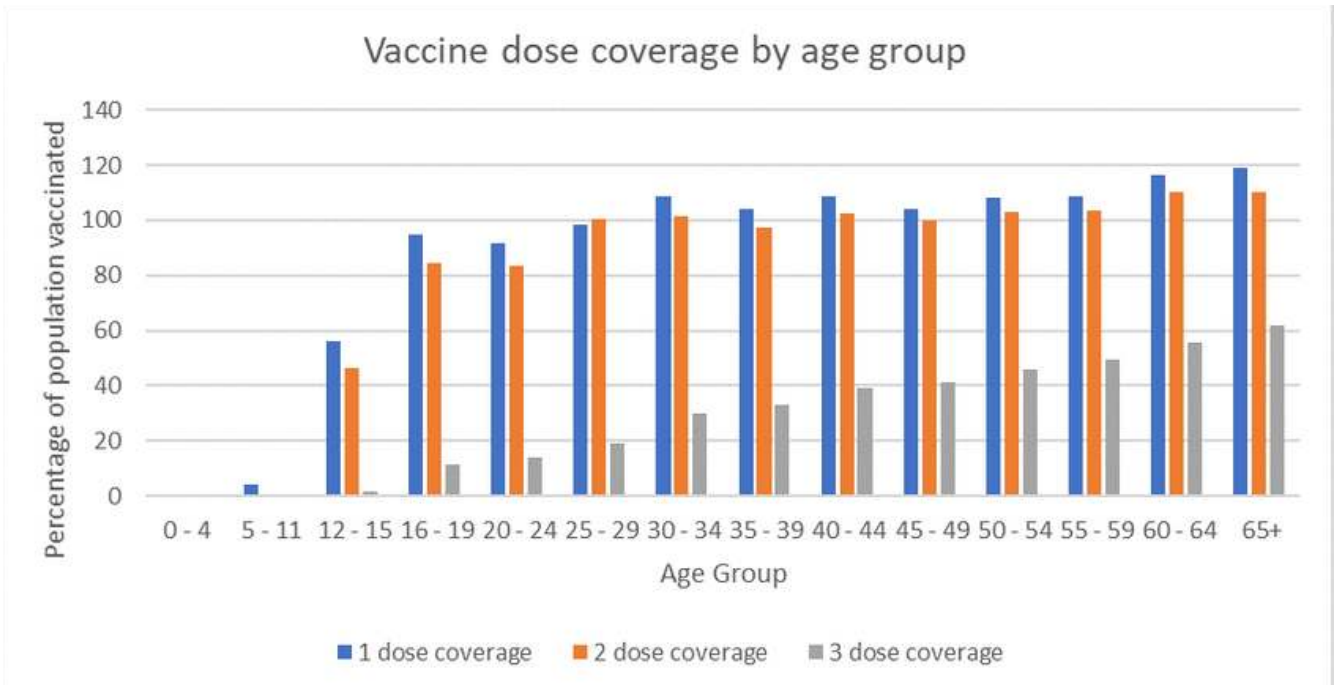


Figure 8: Vaccine Coverage



Summary

The Cayman Islands noted two COVID related deaths during Epidemiological, or Epi. Week 10, bringing total deaths since the beginning of the pandemic to 23. Both patients were unvaccinated and suffered from severe co-morbidities.

One death noted in this week's Situational Report (SitRep) was previously reported in the Ministry of Health and Wellness' daily COVID-19 updates.

During Epi. Week 10, there were 205 new cases of COVID-19 reported by Public Health. This was 21 cases less than were reported in the previous Epi. Week (28 February – 5 March). Officials noted that 1,162 tests were conducted in Epi Week 10 compared 1,429 tests in Epi. Week 9 and 2,581 tests in Epi. Week 8.

During Epi. Week 9, there were 13 hospital inpatients going through the two main hospitals in the Cayman Islands (Health Services Authority and Health City Cayman Islands). Of these, fifty percent were vaccinated.

All statistics reported during Epi. Week 10 have been adjusted to reflect the new population figure of 69,350.

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).