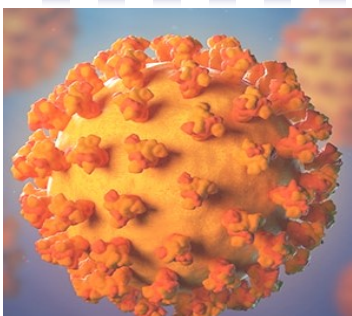


Stats News & Views



Special Topic Statistical Bulletin - COVID-19

Issue 12, 12 June 2020

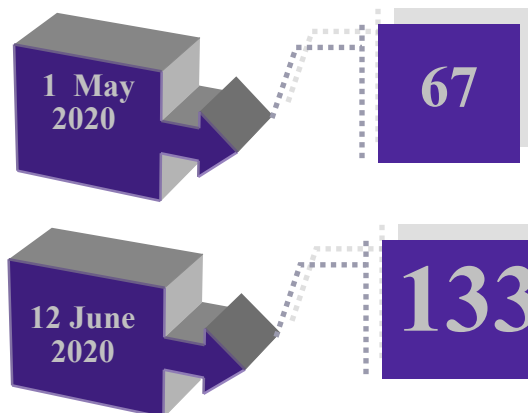
The **Special Topic Statistical Bulletin on COVID 19 in CARICOM Countries Issue 12**, provides an update of the trajectory of COVID-19 in the CARICOM Region up to **12 June 2020**. The Bulletin provides information on the pattern of the disease of the total number of confirmed cases, new cases and deaths for each country and the total for CARICOM. The data are preliminary and will be adjusted as more reliable data are made available. This Issue continues to explore graphically, the movement in the curves for the number of confirmed cases to deduce whether they are flattening or expanding upwards as a reflection of the transmission of the virus. The Section, *What do we learn from the Data?* is updated. The values from the Projections are compared with the actual values for 12 June. These projections may be far removed from the reality of the situations in countries and may not depict the actual outcomes. Limited data are available on Sex and by Mode of Transmission of the virus as shown in the Bulletin. *Charts for a few more countries on the number of tests per 100,000 population are added.* The Bulletin also repeats some of the key explanatory notes from previous issues, particularly as it relates to testing, which is a vital aspect of tracking the pandemic. The primary approach to sourcing the data continues to be web-scraping of information from official sources of countries. Please review the back issues for other key explanations about the data.

Situation at a Glance

MAY 2020						
Sun	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
				28 th 2814	29 th 2946	30 th 3098
31 st 3395	JUNE 2020					
	1 st 3689	2 nd 3804	3 rd 4111	4 th 4257	5 th 4375	6 th 4571
7 th 4744	8 th 5022	9 th 5247	10 th 5386	11 th 5558	12 th June 5,728	



Total number of deaths
increased by 66 in 42 days
(1 May - 12 June 2020) at a rate of
1.99



Doubling Rate With Haiti

Total number of confirmed cases increased by

2,914

over 15 days

[28 May (2814) - 12 June (5728) 2020]
2.04

Doubling Rate Without Haiti

Total number of confirmed cases increased by

886

over 51 days

[22 April (901) - 12 June 2020 (1787)]
1.98

Special Topic Bulletin - COVID 19

TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 1 MAY - 12 JUNE 2020

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
01-May	1231	18	67
02-May	1268	37	67
03-May	1278	10	69
04-May	1294	16	71
05-May	1319	25	72
06-May	1331	12	74
07-May	1350	19	74
08-May	1376	26	74
09-May	1405	29	74
10-May	1421	16	74
11-May	1465	44	78
12-May	1502	37	79
13-May	1516	14	81
14-May	1542	26	82
15-May	1589	47	84
16-May	1634	45	84
17-May	1684	50	84
18-May	1794	110	84
19-May	1893	99	85
20-May	1966	73	86
21-May	2050	84	86
22-May	2142	92	89
23-May	2236	94	89
24-May	2299	63	90
25-May	2404	105	92
26-May	2529	125	96
27-May	2655	126	98
28-May	2814	159	99
29-May	2946	132	100
30-May	3098	152	101
31-May	3395	297	107
01-Jun	3689	294	110
02-Jun	3804	115	111
03-Jun	4111	307	115
04-Jun	4257	146	117
05-Jun	4375	118	117
06-Jun	4571	196	117
07-Jun	4744	173	117
08-Jun	5022	278	119
09-Jun	5247	225	122
10-Jun	5386	139	124
11-Jun	5558	172	126
12-Jun	5728	170	133

Note: The Number of Confirmed Cases and the Number of Deaths are **cumulative values** while the Number of New Cases is not cumulative and reflects the **daily** number of cases. Please see Issue 10 for the explanation on how the cumulative values are derived. Please check previous Issues for data from 10-31 March 2020 and 1-30 April 2020.

What do we learn from the Data?

[as at 12 June 2020]

The number of confirmed cases moved from **4375** as at **5 June** to **5728 cases on 12 June**. The number of deaths moved from **117** to **133**. There were **1353 new cases** (compared to **1428** cases for the previous period) and **16** new deaths.

Recoveries as at 12 June stood at **1208** and active cases at **4385** as compared to **1093** and **3161** respectively on 5 June.

Active Cases [*Active Cases are Confirmed Cases less recoveries, less deaths and less persons who tested positive and who might have left the country*];

- ✦ From **5 countries** with no actives as at 6 June there are now **6 countries with no active cases as at 12 June**. The countries with no active cases are - *Anguilla, British Virgin Islands, Montserrat, St Kitts and Nevis, Turks and Caicos Islands and Trinidad and Tobago*;
- ✦ **Five (5) countries**- *Belize (2), Dominica (2), Grenada (1), Saint Lucia (1) and St Vincent and the Grenadines (2)* now have **1-2** active cases as at **12 June**;
- ✦ **Three (3) countries**—*Antigua and Barbuda (3), Barbados (6), Bermuda (6)* all have **6 or less** active cases along with those countries that have 2 or less active cases;
- ✦ *The Bahamas (24)* has less than **25** active cases;
- ✦ *Guyana (52), Cayman Islands (71)* have under **100** active cases;
- ✦ *Suriname (175), Jamaica (187) and Haiti (3853)* have over 100 active cases.

Recoveries

- ✦ As implied earlier, there are **six** countries for which all active cases have recovered;
- ✦ Among the recoveries **Jamaica** had **417** recoveries as at **12 June**, **Bermuda** had **127** recoveries, **Cayman Islands, 115, Guyana, 95, Barbados, 83, The Bahamas, 68** and **Haiti, 24**. **Trinidad and Tobago**, with no active cases, had **109** recoveries.

Confirmed Cases

- ✦ In absolute terms the countries with the highest numbers of Confirmed Cases are **Haiti, 3941, Jamaica with 614, Cayman Islands, 187, Suriname, 187, Guyana, 159, Bermuda, 142, Trinidad and Tobago, 117, The Bahamas 103 and Barbados, 96**;
- ✦ In rates per 100,000 population for countries **with 25 plus cases**, **Cayman Islands** has the highest rate with **284.14**, **Bermuda** is second with **221.97** followed by **Barbados with 34.96. Haiti with 34.54 and Suriname with 32.08. Montserrat (under 25 cases)** has a rate of **220 (11 cases)**;
- ✦ The rate for **Jamaica is 22.51; Guyana, 21.46 and St Vincent and the Grenadines, 24.32** [Please see Table 2 for rates for other countries].

Deaths

- ✦ **Haiti** has the highest number of deaths with **64**, an increase of **14** from 5 June, followed by **Guyana with 12 and The Bahamas 11 deaths; Suriname** was the only other country that contributed to new deaths during this reporting period with **2** new deaths with the total deaths for this country being **3**;
- ✦ The number of deaths per 100,000 population is the highest in **Montserrat 20 (1); Bermuda 14.07 (9) and British Virgin Islands 3.43 (1)**. The number of deaths per 100,000 population for Haiti is **0.56 (64)**;
- ✦ The Case Fatality Rate (*number of deaths as a percentage of the number of confirmed cases*) is the highest in the **British Virgin Islands with 12.5 percent**, followed by **Antigua and Barbuda with 11.5 percent and The Bahamas with 10.7 percent. Haiti** has a case fatality rate of **1.6 percent**.

Testing- [Tracking the pandemic]

- ✦ **Cayman Islands** continues to have the best testing record with a rate of **26,175.7 tests per 100,000 population, (17,227 tests)** followed by **Bermuda, 13,404.1 (8,575 tests)** and **Barbados, 2,326 (6,388 tests)**; Cayman Islands has now conducted more tests than **Jamaica that has undertaken 15,850 tests** with a rate of **581.1** as at **12 June**.

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CHART 1: SUMMARY ALL COUNTRIES - NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS – 10 MARCH - 12 JUNE 2020

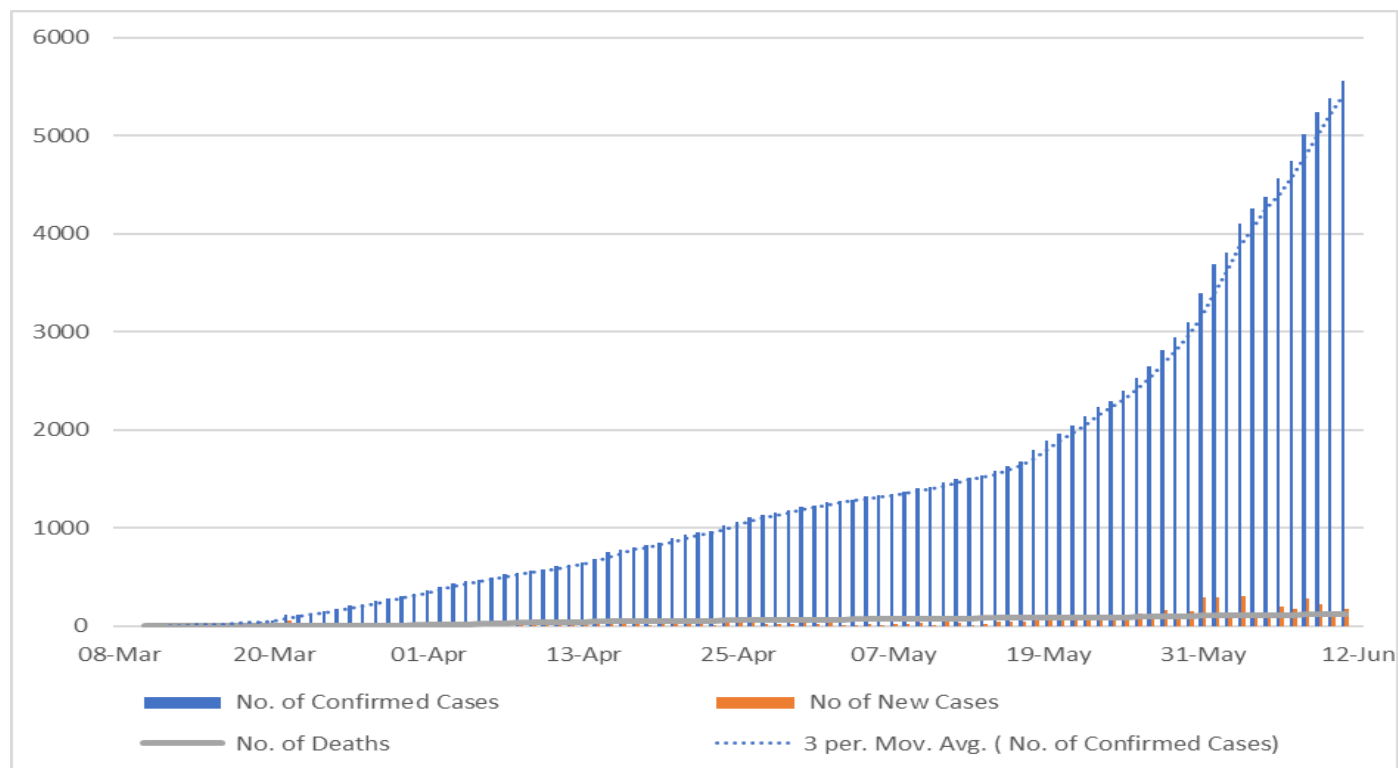
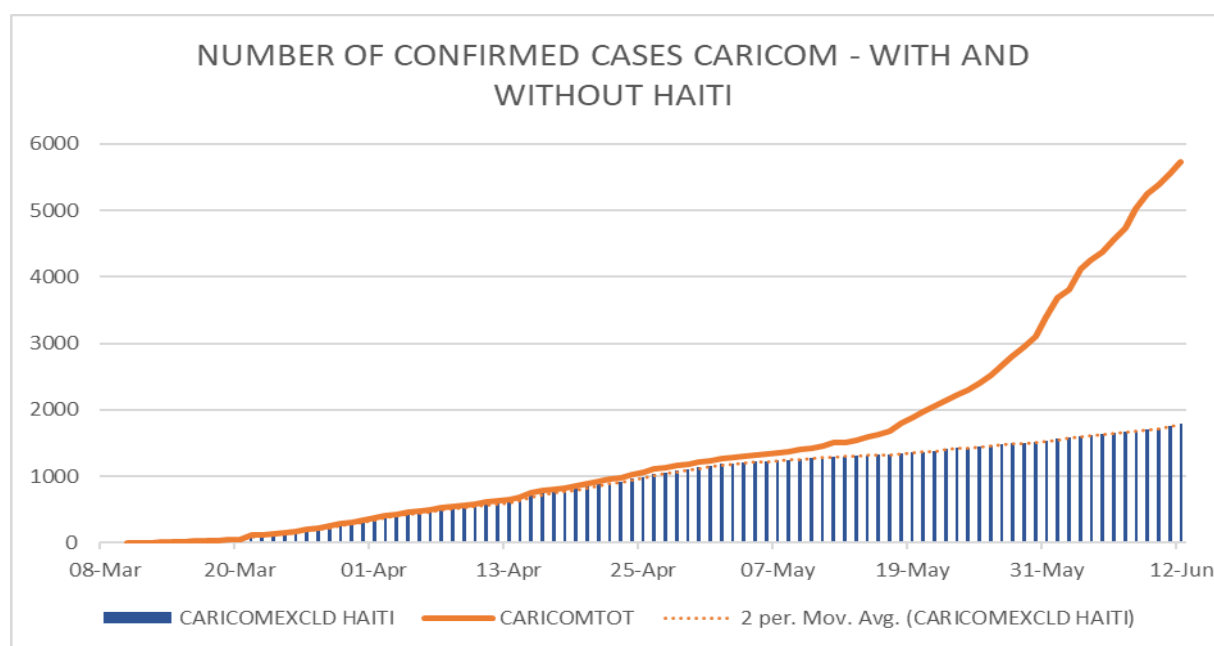


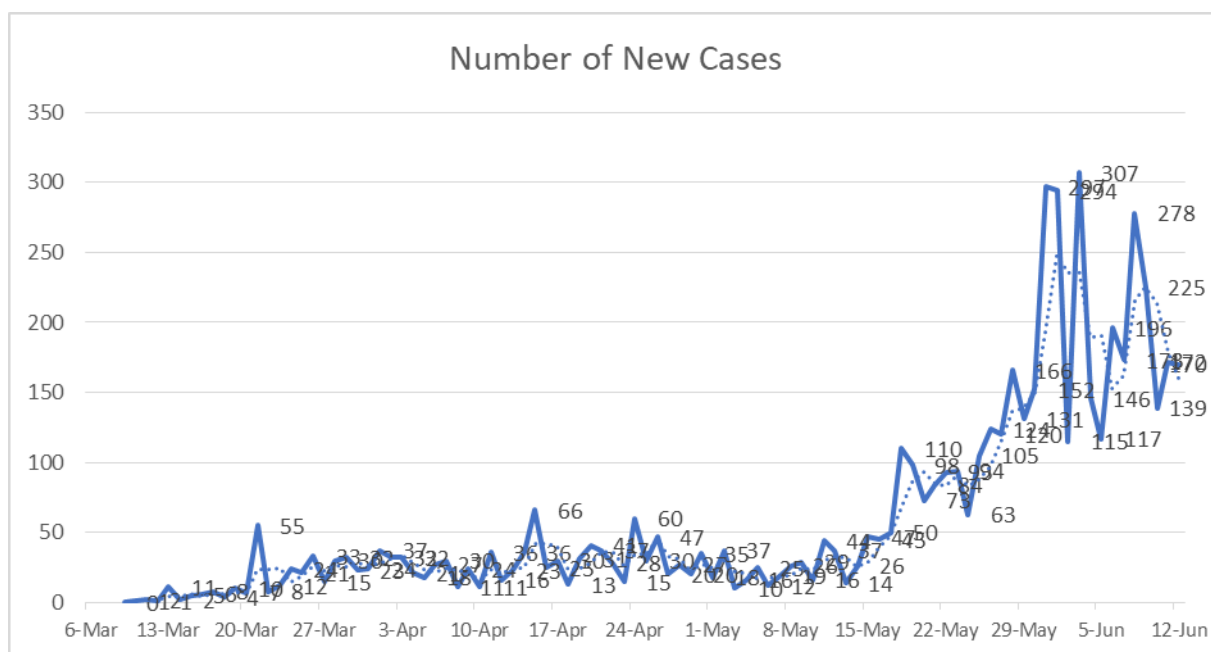
CHART 1A: NUMBER OF CONFIRMED CASES IN CARICOM– WITH AND WITHOUT HAITI AS AT 10 MARCH-12 JUNE 2020



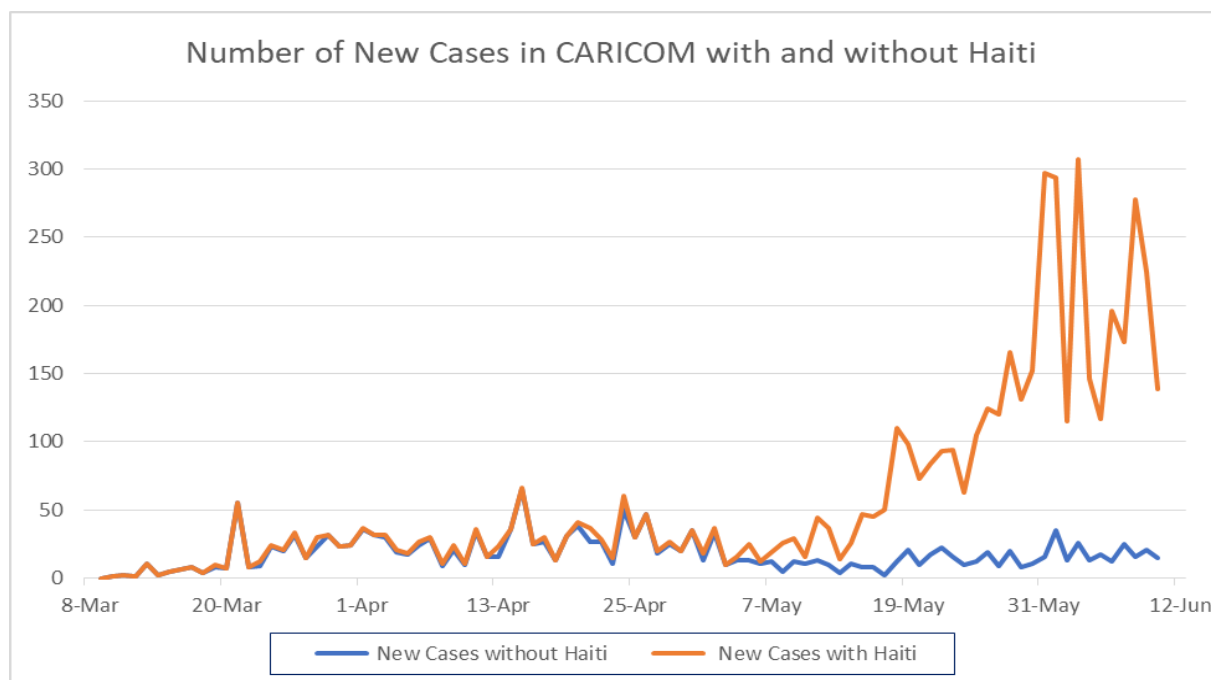
Note: The number of confirmed cases moved from **4375** as at 5 June to **5728** as at **12 June** while the number of deaths moved from **117** to **133**. The number of confirmed cases from the previous period was adjusted by 1.

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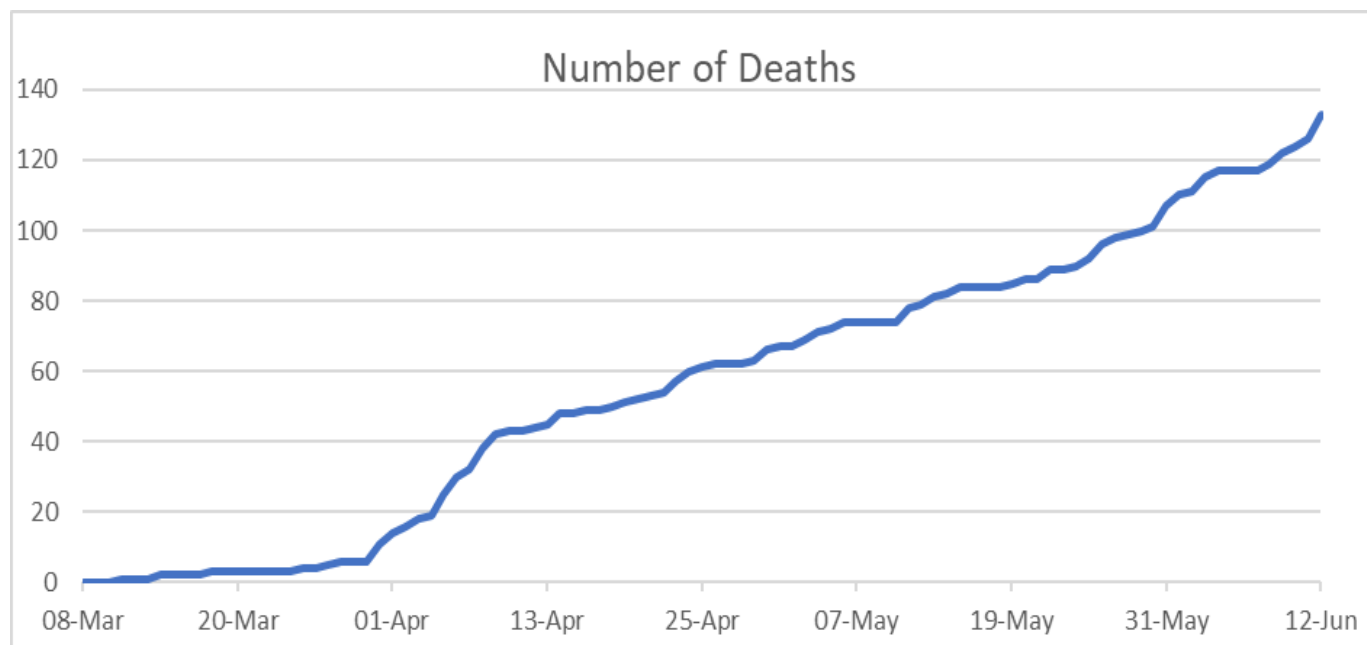
**CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES -
10 MARCH - 12 JUNE 2020**



**CHART 1C: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - WITH AND
WITHOUT HAITI - 10 MARCH - 12 JUNE 2020**

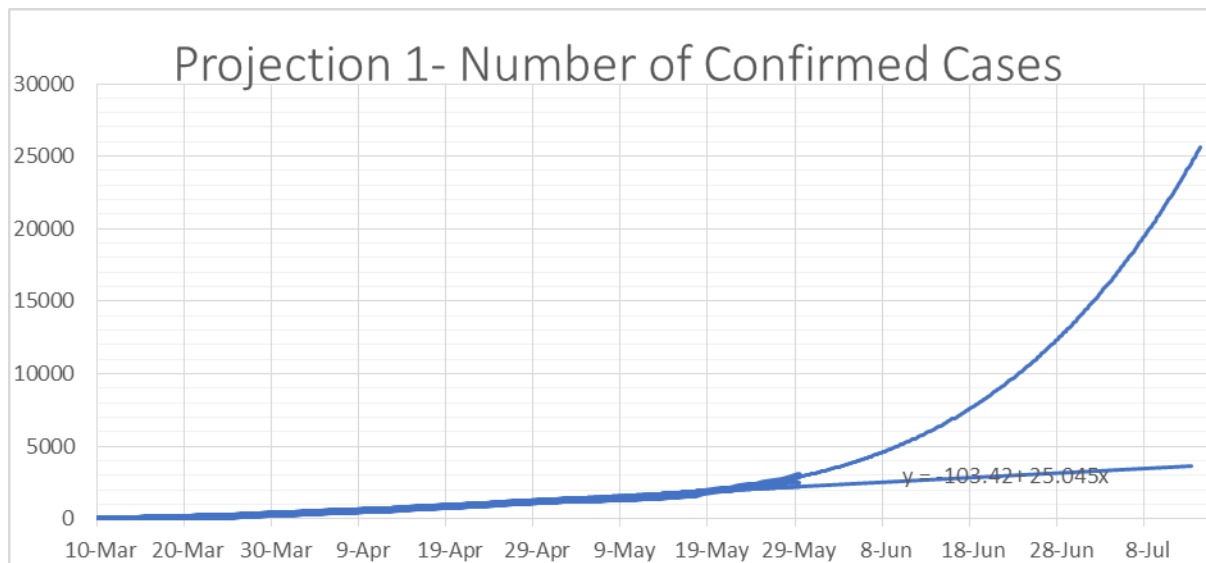


Note: Total number of new cases for the period **6-12 June** is **1353** as compared to **30 May–5 June** when it was **1428**. The number of new cases for the current reporting period was **75** less than the previous reporting period. Haiti contributed to **1201** of the new cases in this reporting period or **88.8** percent (90.8 percent for the previous period). Jamaica contributed to **19 new cases**, Suriname, **96** and Cayman Islands, **23**. The large number of new cases that have been contributed by Haiti is visible in Chart 1C.

Special Topic Bulletin - COVID 19**CHART 1D: SUMMARY ALL COUNTRIES - NUMBER OF DEATHS -
10 MARCH - 12 JUNE 2020**

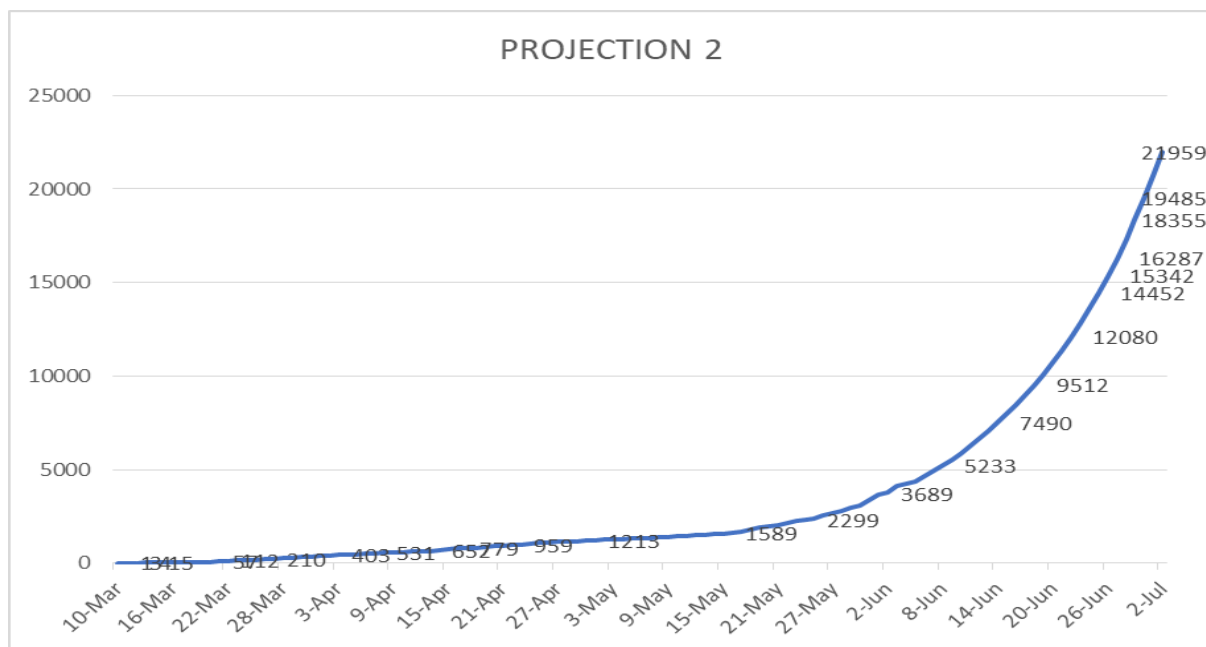
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**CHART 2: PROJECTION 1-ESTIMATED NUMBER OF CONFIRMED CASES
EXTENDED TO 15 JULY 2020**



Note: For the non-linear trendline, the projected value for **12 June** was **5300** cases as compared to the actual value of **5728**. *The projected value for 19 June is 8100.* For the linear trendline, the projected value for **12 June** was **2251** which is closer to **1728**, the total number of cases excluding Haiti as at this date. *The projected value for 19 June is 2426.*

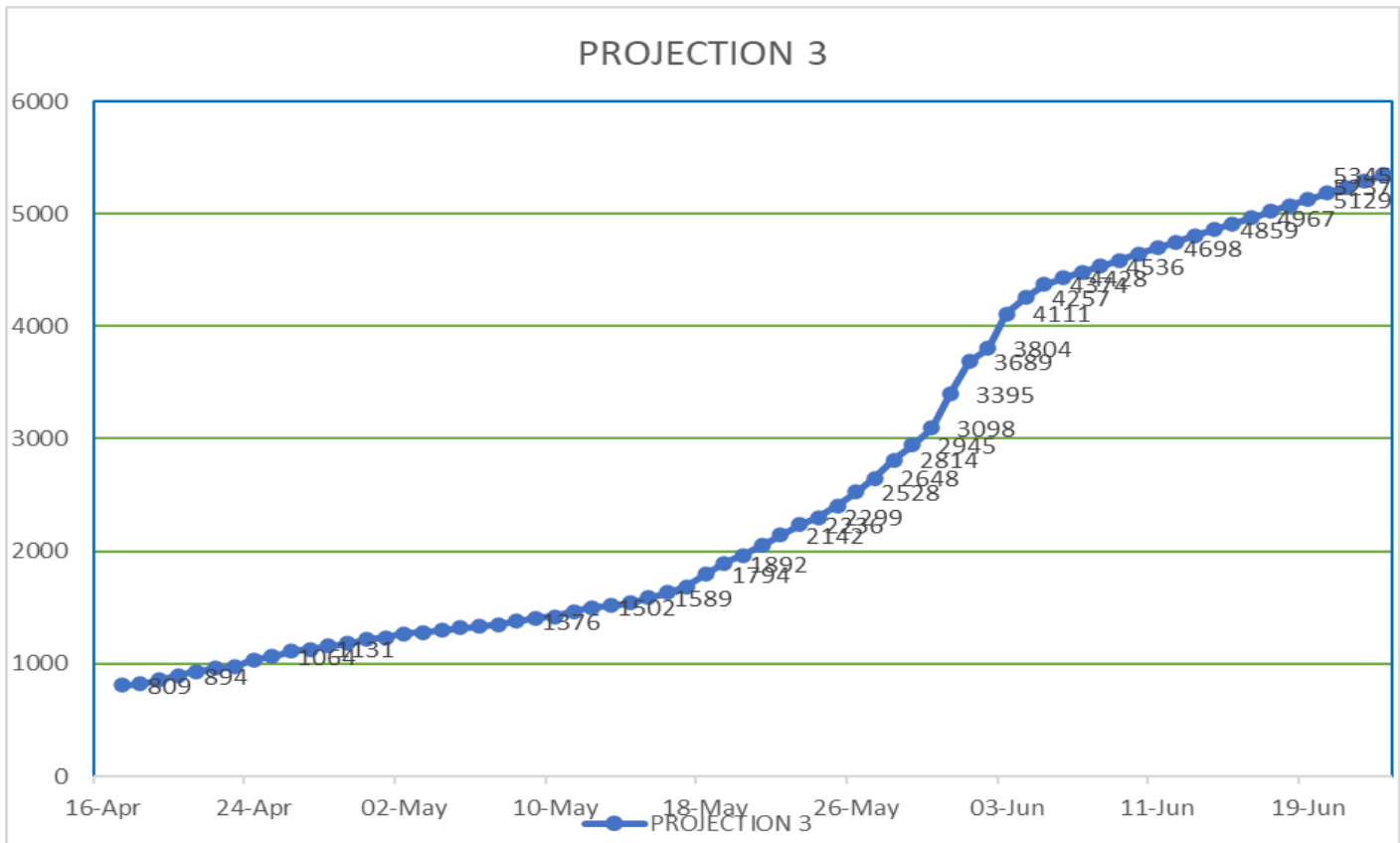
CHART 2A: UPDATED PROJECTION USING GROWTH RATES (30 MAY - 5 JUNE) OF THE NUMBER OF CONFIRMED CASES PROJECTED UP TO 2 JULY 2020



Note: The projected value as at **12 June** was **6646** cases as compared to the actual value of **5728** cases. The projected value for **19 June** is **10098**.

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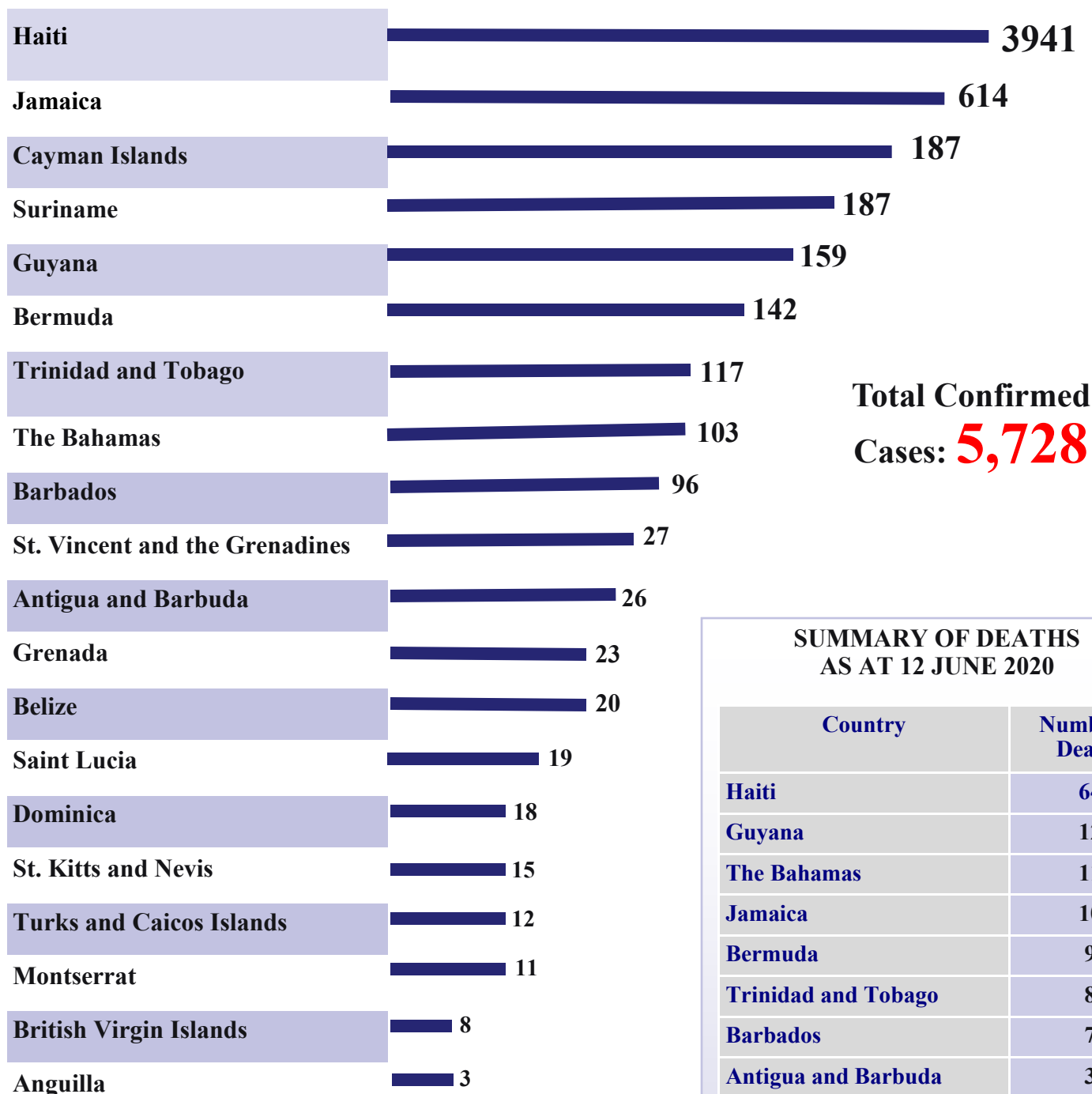
CHART 2B: PROJECTION BASED ON 15 DAY DOUBLING PERIOD- UP TO 6 MAY- FITTED WITH ACTUAL VALUES



Note: This projection has been recalculated to reflect a 15-day doubling period. The projected value for **12 June** was **4752 cases** as compared to **5728**, which was the actual value. The actual number of confirmed cases has exceeded the projected value for the end of the next reporting period reflecting the rapid growth of the number of cases in Haiti.

Special Topic Bulletin - COVID 19

SUMMARY OF CONFIRMED CASES AS AT 12 JUNE 2020



SUMMARY OF DEATHS AS AT 12 JUNE 2020

Country	Number of Deaths
Haiti	64
Guyana	12
The Bahamas	11
Jamaica	10
Bermuda	9
Trinidad and Tobago	8
Barbados	7
Antigua and Barbuda	3
Suriname	3
Belize	2
British Virgin Islands	1
Cayman Islands	1
Montserrat	1
Turks and Caicos Islands	1

Total Deaths: 133

Note: The number of confirmed cases in Haiti is close to 4000, more than 6 times the confirmed cases of Jamaica. Suriname is now in joint third place with Cayman Islands. Haiti with an additional 14 deaths and Suriname with 2 additional deaths are the countries that have contributed to the increase in deaths for the reporting period.

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TABLE 2: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION IN CARICOM –SELECTED COUNTRIES– 01 MAY – 12 JUNE

	DATE						
COUNTRY	01-May	08-May	15-May	22-May	29-May	05-Jun	12-Jun
CARICOM -ALL COUNTRIES	6.78	7.57	8.75	11.79	16.22	24.08	31.53
CARICOM EXCLD HAITI	15.95	17.31	18.27	19.55	20.86	22.68	24.81
ANTIGUA AND BARBUDA	26.31	26.31	26.31	26.31	26.31	27.36	27.36
THE BAHAMAS	21.50	24.65	25.18	25.44	26.75	26.75	27.01
BARBADOS	29.49	30.22	30.95	32.77	33.50	33.50	34.96
BERMUDA	178.20	184.45	192.27	200.08	218.84	220.41	221.97
CAYMAN ISLANDS	112.44	123.08	142.83	196.01	214.24	249.19	284.14
GUYANA	11.07	12.55	15.65	17.14	20.24	20.65	21.46
HAITI	0.71	1.13	2.39	6.43	12.65	24.01	34.54
JAMAICA	15.84	17.97	18.74	19.94	21.08	21.81	22.51
ST VINCENT AND THE GRENADINES	14.41	15.32	15.32	16.22	23.42	23.42	24.32
SURINAME	1.72	1.72	1.72	1.89	2.06	15.44	32.08
TRINIDAD & TOBAGO	8.53	8.53	8.53	8.53	8.53	8.61	8.61

Note: Please check the [Explanatory Notes repeated in this Issue](#) for the use of rates per 100,000 population in comparing values across countries.

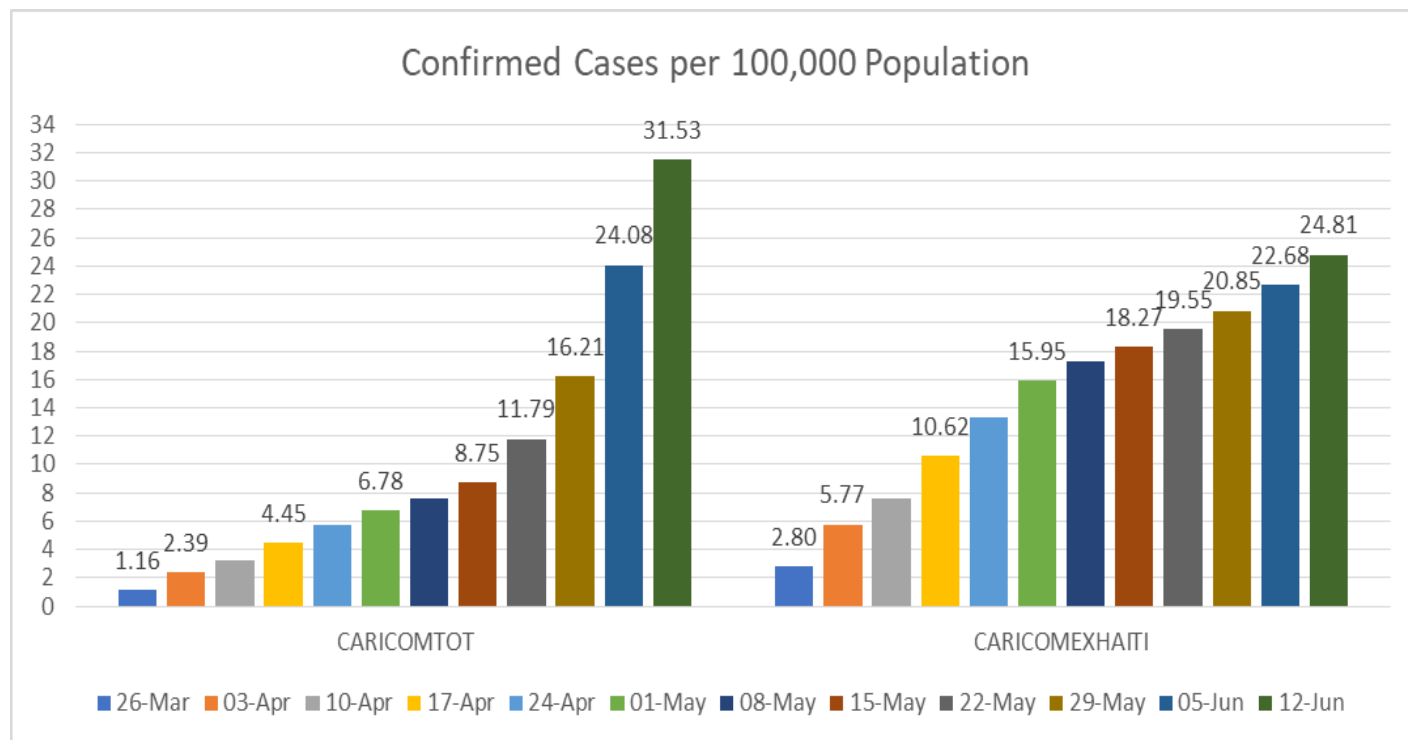
Of the countries with **25 or more confirmed cases**, the **top five countries** for the number of confirmed cases per 100,000 population as at **12 June** are: **Cayman Islands (284.14)**, **Bermuda (221.97)**, **Barbados (34.96)**, **Haiti (34.54)** and **Suriname (32.08)**. Montserrat (less than 11 confirmed cases) not shown in this table has the third highest rate with 220 cases per 100, 000 population. Haiti and Suriname now feature in the top 5 countries reflecting significant growth in the number of confirmed cases relative to the population of these countries.

The rate per 100,000 population for CARICOM all countries **is greater** than that for CARICOM excluding Haiti which reflects the relative increase in the number of confirmed cases with Haiti to the corresponding total population all countries as compared to without Haiti and the corresponding population figures

Information on the number of confirmed cases per 100, 000 population as at 12 June for those countries that are not shown can be requested. Please check previous Issues for rates for earlier periods.

Special Topic Bulletin - COVID 19

**CHART 3: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION-
CARICOM WITH AND WITHOUT HAITI 26 MARCH-12 JUNE**



Special Topic Bulletin - COVID 19

CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES 26 MARCH– 12 JUNE

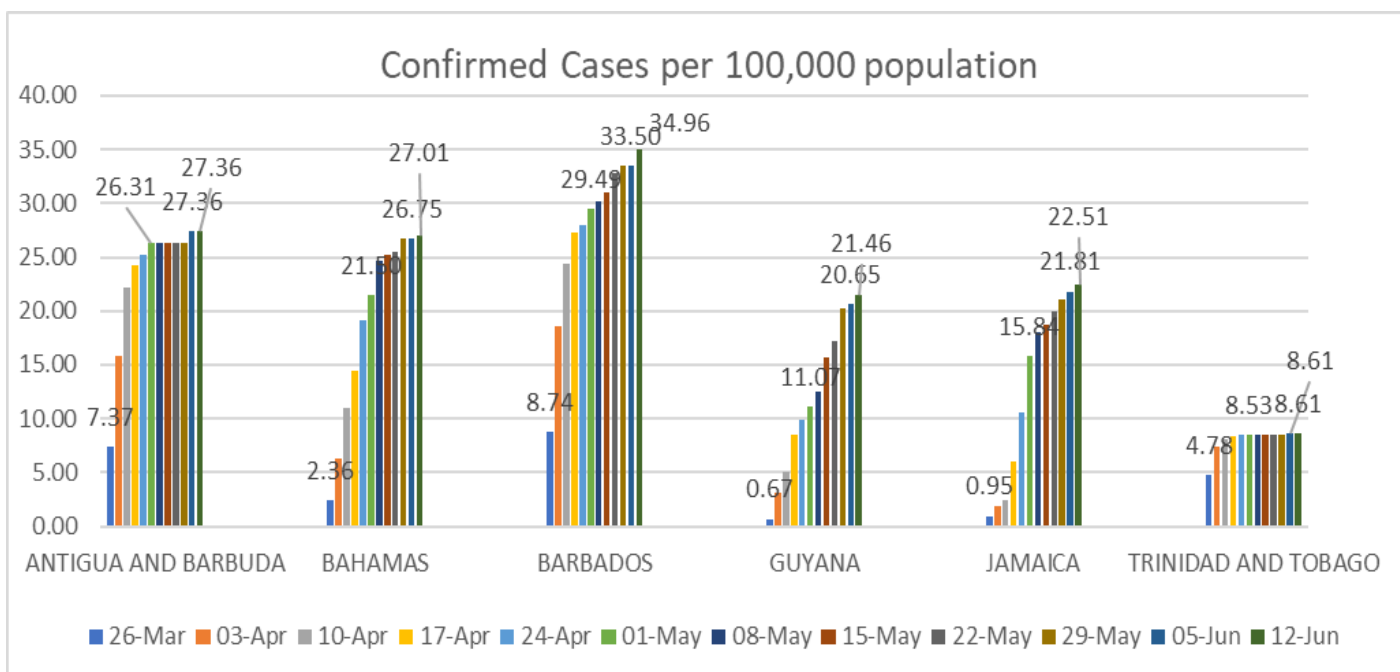
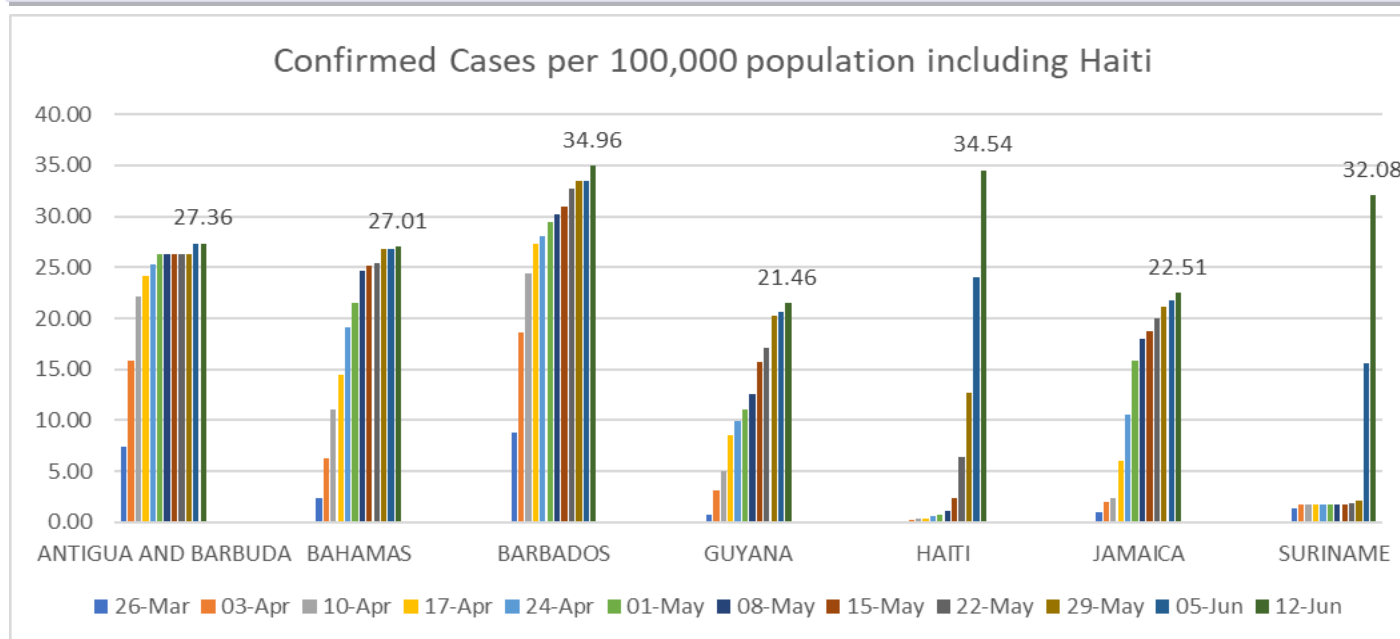


CHART 3B: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES (WITH HAITI) 26 MARCH– 12 JUNE



Note: The spikes in the number of confirmed cases per 100,000 population that have occurred in Suriname and Haiti are reflected in Chart 3A.

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CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS -26 MARCH– 12 JUNE

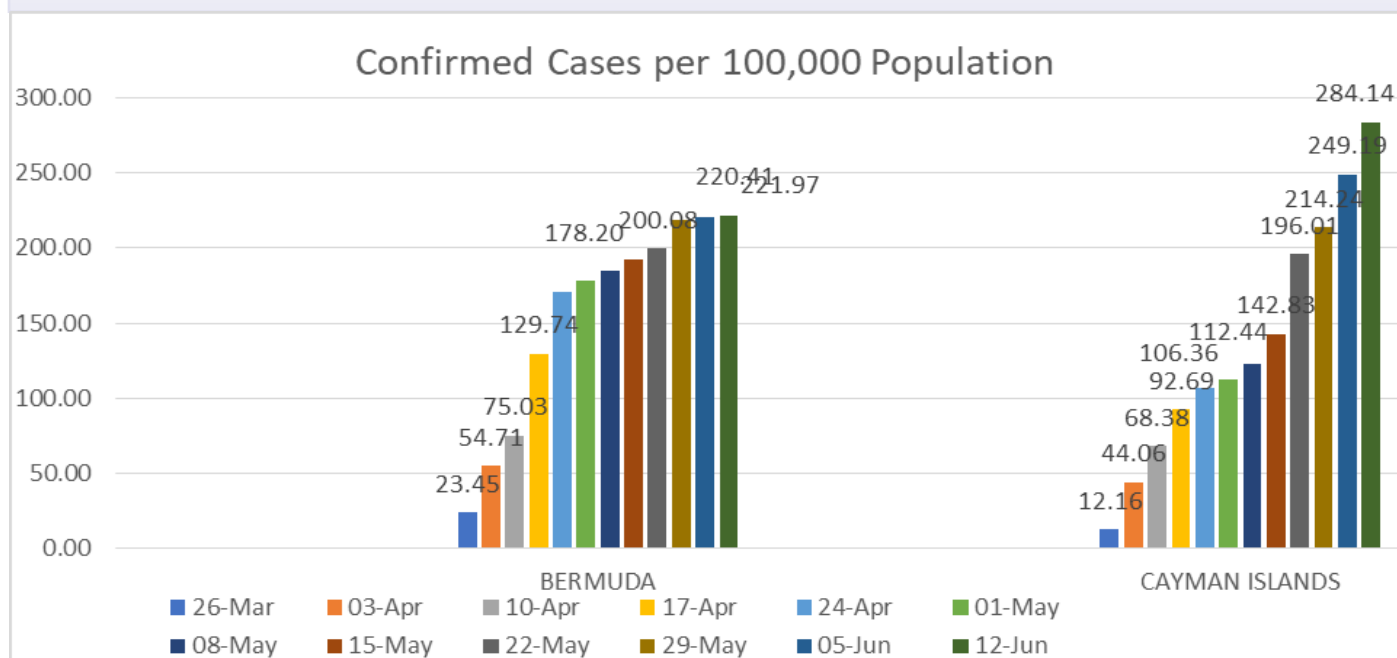
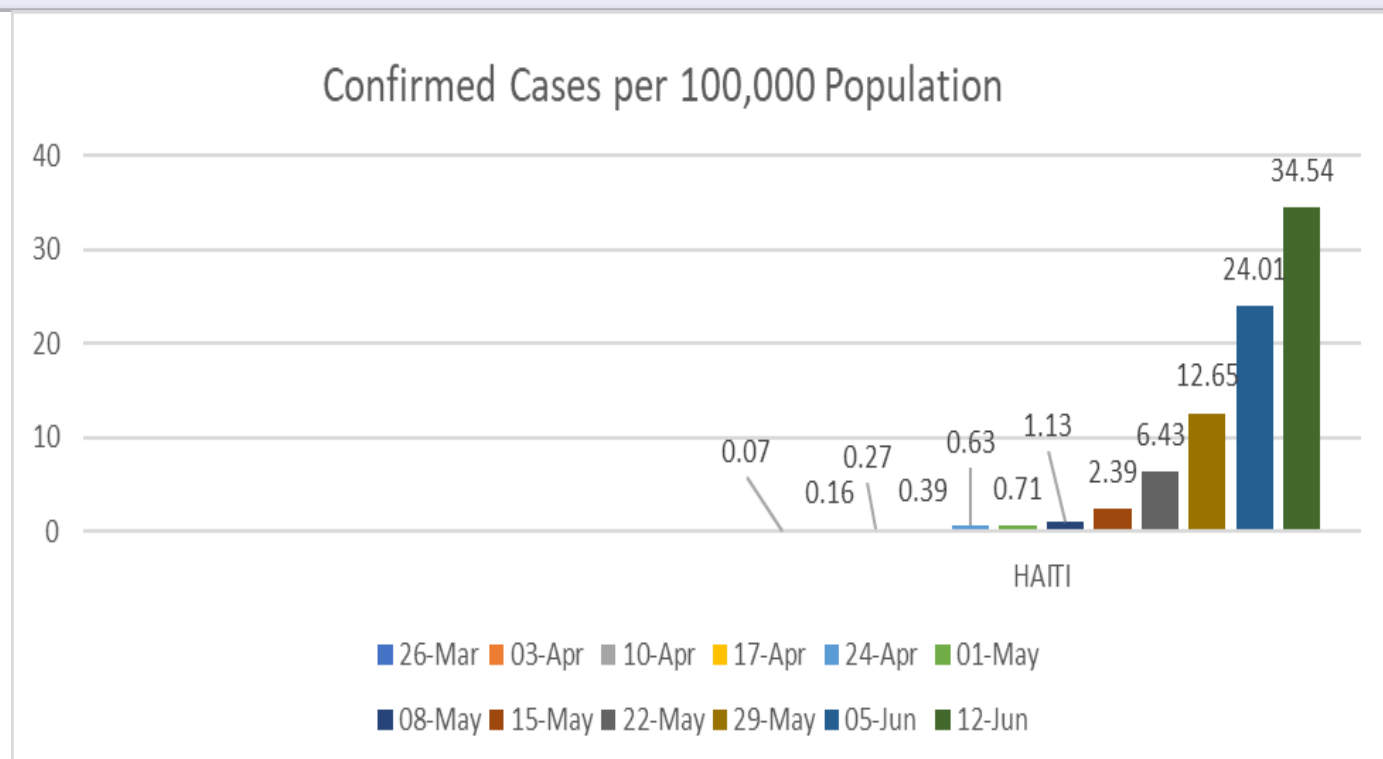
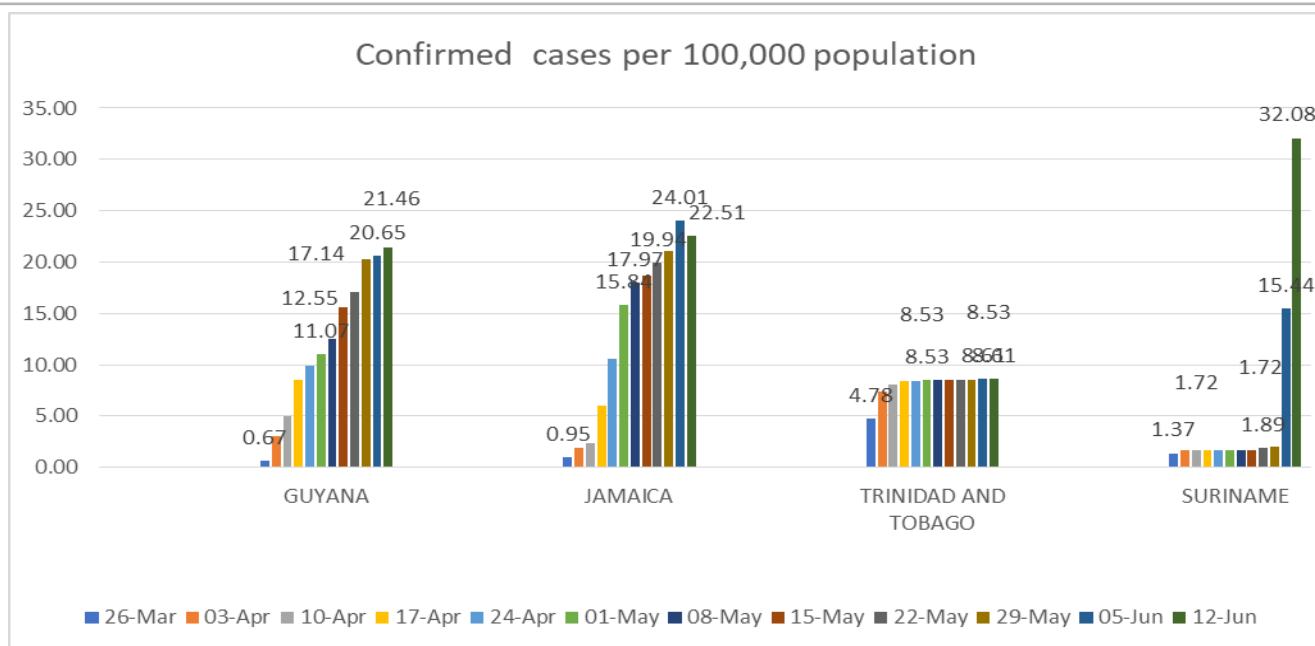


CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- HAITI - 26 MARCH– 12 JUNE

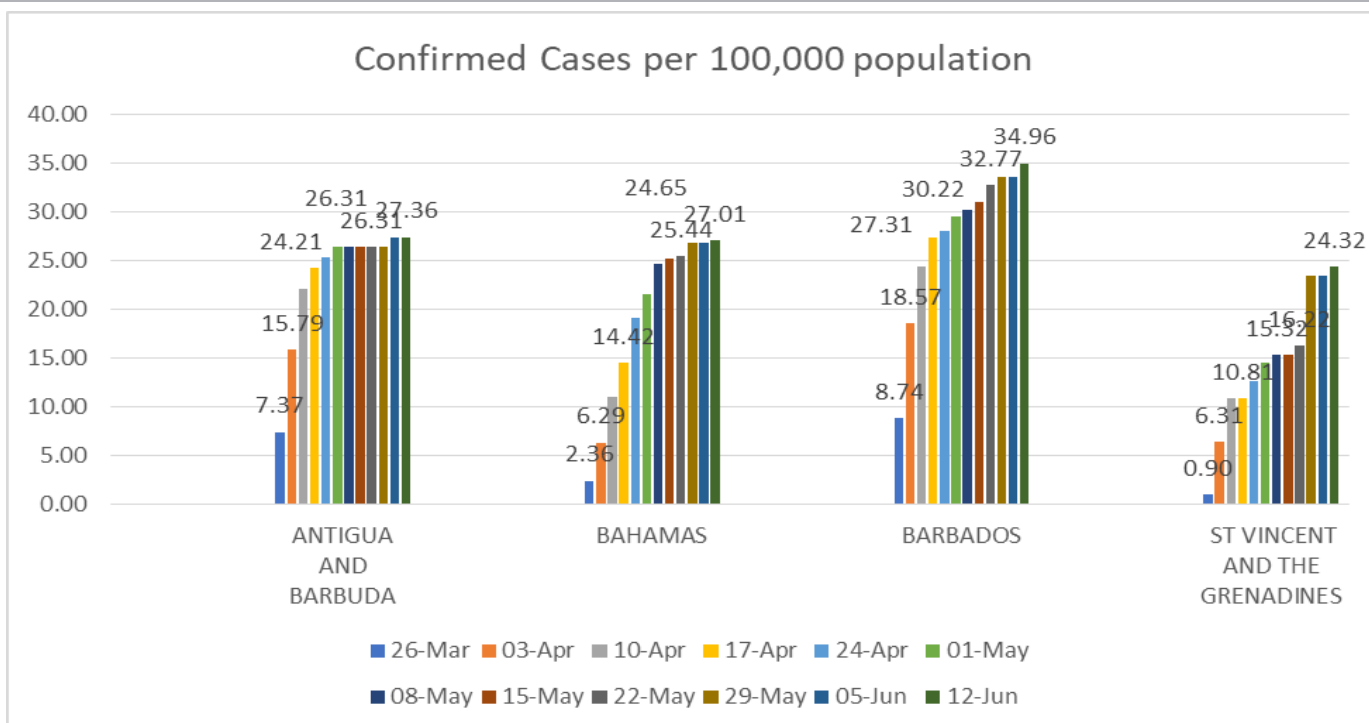


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**CHART 3E: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
GUYANA, JAMAICA, TRINIDAD AND TOBAGO AND SURINAME
26 MARCH– 12 JUNE**



**CHART 3F: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
ANTIGUA AND BARBUDA, THE BAHAMAS, BARBADOS AND
ST. VINCENT AND THE GRENADINES
26 MARCH– 12 JUNE**



Special Topic Bulletin - COVID 19

**TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION
1 MAY – 12 JUNE**

COUNTRY	DATE						
	01-May	08-May	15-May	22-May	29-May	05-June	12-June
CARICOM ALL COUNTRIES	0.37	0.41	0.46	0.49	0.55	0.64	0.73
CARICOM EXCL. HAITI	0.82	0.86	0.89	0.89	0.90	0.93	0.96
ANTIGUA AND BARBUDA	3.16	3.16	3.16	3.16	3.16	3.16	3.16
THE BAHAMAS	2.88	2.88	2.88	2.88	2.88	2.88	2.88
BARBADOS	2.55	2.55	2.55	2.55	2.55	2.55	2.55
BERMUDA	9.38	10.94	14.07	14.07	14.07	14.07	14.07
BELIZE	0.50	0.50	0.50	0.50	0.50	0.50	0.50
BRITISH VIRGIN ISLANDS	3.43	3.43	3.43	3.43	3.43	3.43	3.43
CAYMAN ISLANDS	1.52	1.52	1.52	1.52	1.52	1.52	1.52
GUYANA	1.21	1.35	1.35	1.35	1.48	1.62	1.62
HAITI	0.07	0.11	0.18	0.22	0.31	0.44	0.56
JAMAICA	0.29	0.33	0.33	0.33	0.33	0.37	0.37
MONTSERRAT	20.00	20.00	20.00	20.00	20.00	20.00	20.00
SURINAME	0.17	0.17	0.17	0.17	0.17	0.17	0.51
TRINIDAD & TOBAGO	0.59	0.59	0.59	0.59	0.59	0.59	0.59
TURKS AND CAICOS ISLANDS	2.42	2.42	2.42	2.42	2.42	2.42	2.42

Note: The number of deaths per 100,000 population is adjusted by the corresponding population of countries. Please check previous issues for rates for earlier periods.

Special Topic Bulletin - COVID 19

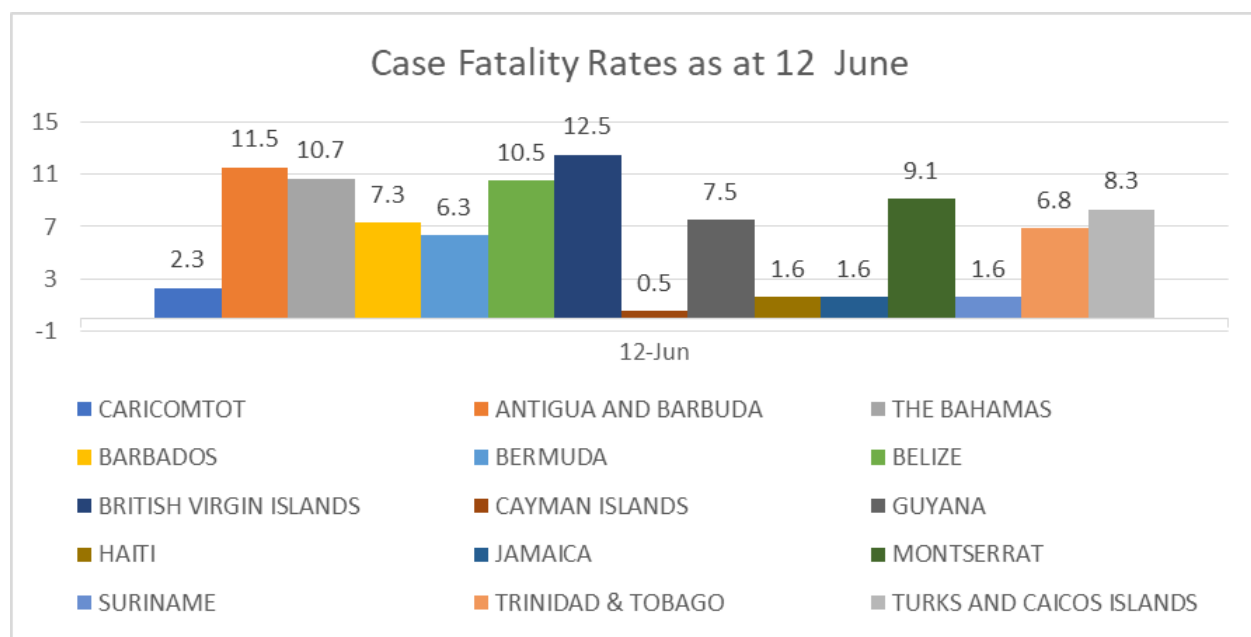
**TABLE 3A: DEATHS AS A PERCENTAGE OF THE NUMBER OF
CONFIRMED CASES– CASE FATALITY RATES –1 MAY – 12 JUNE**

DEATH RATES TO CONFIRMED CASES							
COUNTRY	01-May	08-May	15-May	22-May	29-May	05-Jun	12-Jun
CARICOM ALL COUNTRIES	5.4	5.4	5.3	4.2	3.4	2.7	2.3
ANTIGUA AND BARBUDA	12.0	12.0	12.0	12.0	12.0	11.5	11.5
THE BAHAMAS	13.4	11.7	11.5	11.3	10.8	10.8	10.7
BARBADOS	8.6	8.4	8.2	7.8	7.6	7.6	7.3
BERMUDA	5.3	5.9	7.3	7.0	6.4	6.4	6.3
BELIZE	11.1	11.1	11.1	11.1	11.1	10.5	10.5
BRITISH VIRGIN ISLANDS	16.7	14.3	12.5	12.5	12.5	12.5	12.5
CAYMAN ISLANDS	1.4	1.2	1.1	0.8	0.7	0.6	0.5
GUYANA	11.0	10.8	8.6	7.9	7.3	7.8	7.5
HAITI	9.9	9.3	7.3	3.4	2.4	1.8	1.6
JAMAICA	1.9	1.8	1.8	1.7	1.6	1.7	1.6
MONTSERRAT	9.1	9.1	9.1	9.1	9.1	9.1	9.1
SURINAME	10.0	10.0	10.0	9.1	8.3	1.1	1.6
TRINIDAD & TOBAGO	6.9	6.9	6.9	6.9	6.9	6.8	6.8
TURKS AND CAICOS ISLANDS	8.3	8.3	8.3	8.3	8.3	8.3	8.3

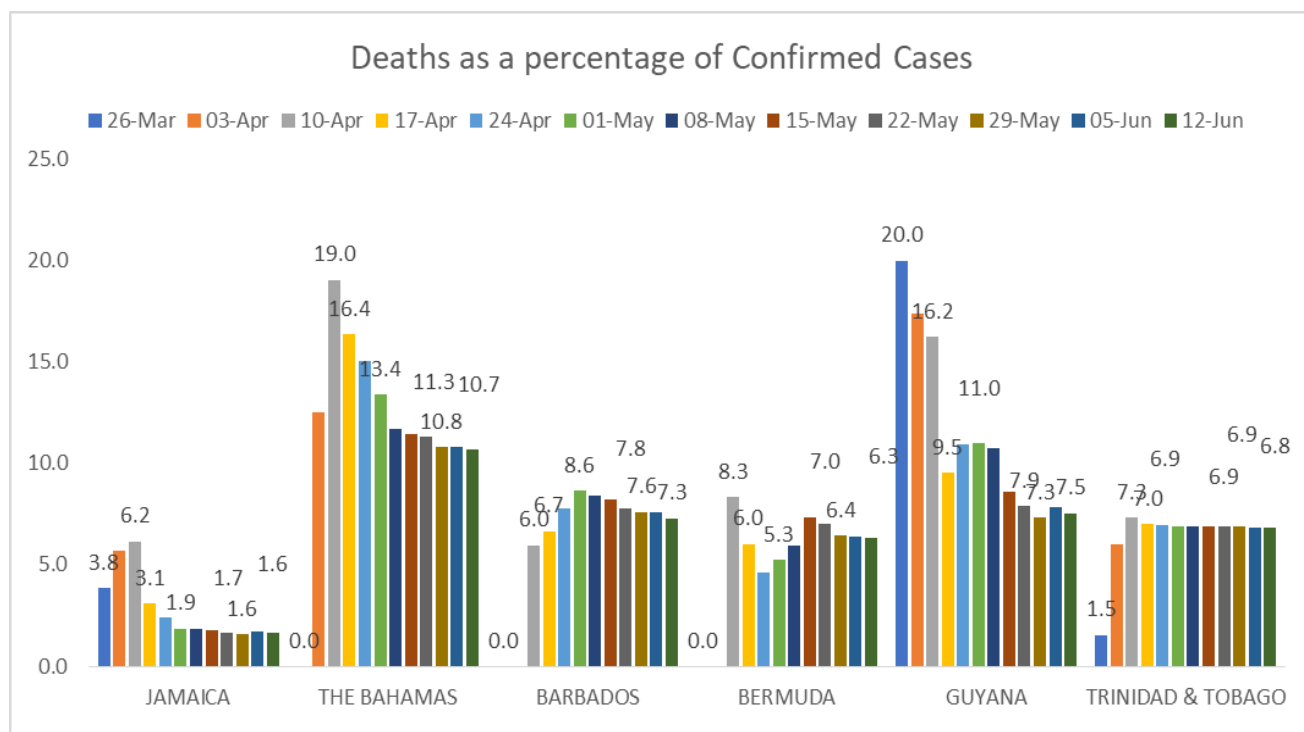
Note: The number of deaths to confirmed cases reflects a fatality rate that does not take the population size into consideration. Please check previous issues for values for earlier periods.

Special Topic Bulletin - COVID 19

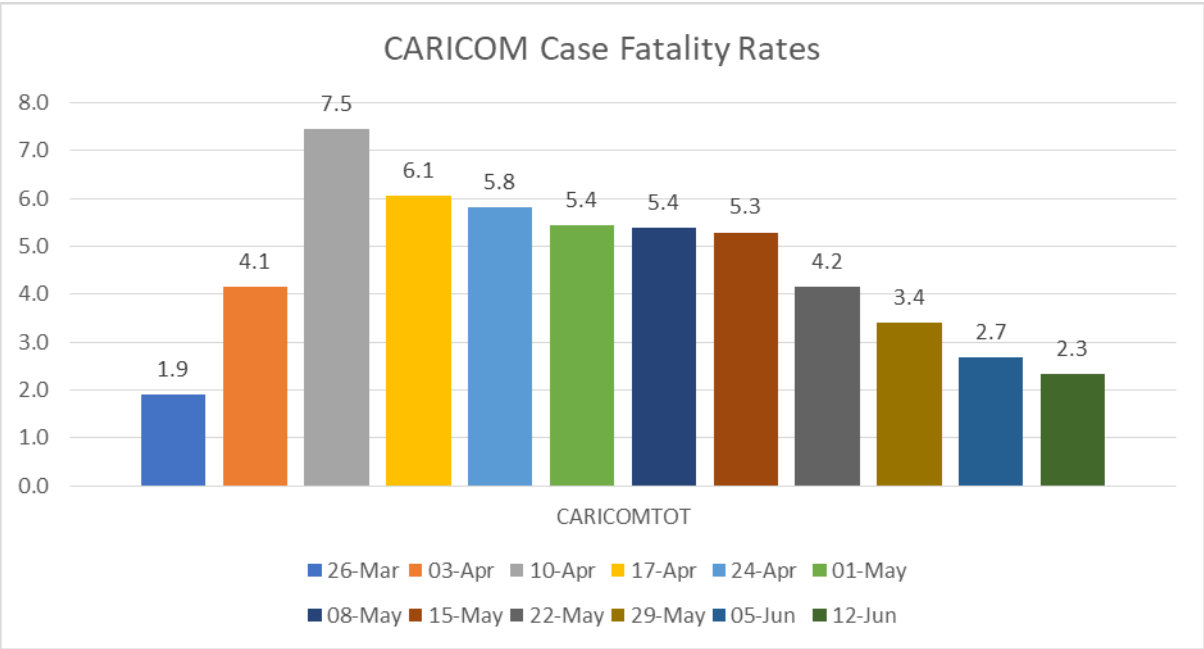
**CHART 4: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
ALL COUNTRIES-CASE FATALITY RATES AS AT 12 JUNE**



**CHART 4A: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
SELECTED COUNTRIES-CASE FATALITY RATES 26 MARCH– 12 JUNE**

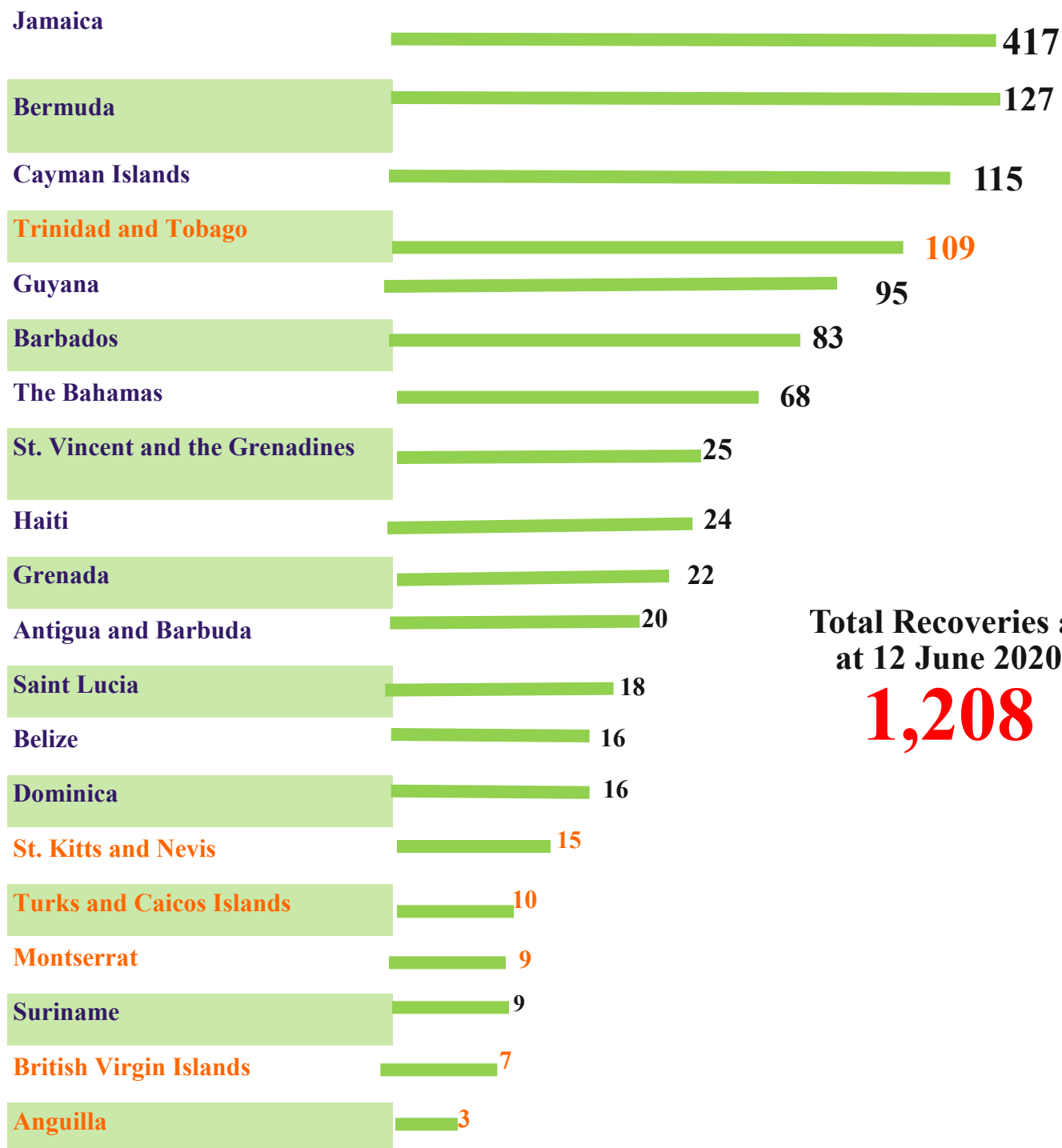


**CHART 4B: CARICOM—ALL COUNTRIES- CASE FATALITY RATES
26 MARCH - 12 JUNE**



Special Topic Bulletin - COVID 19

SUMMARY OF RECOVERED CASES AS AT 12 JUNE 2020



FOR COUNTRIES SHOWN IN ORANGE, ALL ACTIVE CASES HAVE RECOVERED .

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TABLE 4: ACTIVE CASES, RECOVERIES, NUMBER OF TESTS CONDUCTED AND HOSPITALISATIONS AS AT 12 JUNE 2020

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPITALISATIONS
Jamaica	614	417	187	15850	30
Bermuda	142	127	6	8575	1
Cayman Islands	187	115	71	17227	0
Trinidad and Tobago	117	109	0	3493	0
Guyana	159	95	52	1927	
Barbados	96	83	6	6388	
The Bahamas	103	68	24	2252	1
St. Vincent and the Grenadines	27	25	2	646	
Haiti	3941	24	3853	8081	371
Grenada	23	22	1	661	
Antigua and Barbuda	26	20	3	488	
Saint Lucia	19	18	1	1312	
Belize	20	16	2	1776	
Dominica	18	16	2	534	
St. Kitts and Nevis	15	15	0	407	0
Turks and Caicos Islands	12	10	0	222	0
Montserrat	11	9	0	62	0
Suriname	187	9	175	1165	175
British Virgin Islands	8	7	0	185	0
Anguilla	3	3	0	41	0

Note: The table is sorted by descending order of recoveries.

All active cases in **Anguilla, British Virgin Islands, Montserrat, St Kitts and Nevis, Turks and Caicos Islands and Trinidad and Tobago** have recovered and no new cases have appeared in the reporting period for these countries.

Saint Lucia and Grenada have 1 active case each and **Belize, Dominica and St Vincent and the Grenadines** have 2 active cases each as at the end of the reporting period.

Suriname that at one point in time had all active cases recovered now has 175 active cases.

In the case of **Grenada** one person who was tested positive left the country without permission and this case is now counted as recovered by Grenada.

There were similar occurrences for **Montserrat and Turks and Caicos Islands** (as Grenada) but for these countries the case has been excluded in each instance.

Special Topic Bulletin - COVID 19

**Table 5: NUMBER OF TESTS AND RATE PER 100,000 POPULATION –
AS AT 12 JUNE 2020**

COUNTRY	NO. OF TESTS	NO. OF TESTS PER 100,000
Anguilla	41	273.3
Antigua and Barbuda	488	513.6
Barbados	6388	2326.0
Belize	1776	446.2
Bermuda	8575	13404.1
British Virgin Islands	185	634.6
Cayman Islands	17227	26175.7
Dominica	534	741.7
Grenada	661	593.0
Guyana	1927	260.1
Haiti	8081	70.8
Jamaica	15850	581.1
Montserrat	62	1240.0
Saint Lucia	1312	733.0
St Kitts and Nevis	407	767.9
St Vincent and the Grenadines	646	582.0
Suriname	1165	199.8
The Bahamas	2252	590.6
Trinidad and Tobago	3493	257.0
Turks and Caicos Islands	222	537.5

Note: The top five countries based on the number of tests per 100,000 are: Cayman Islands, Bermuda, Barbados, Montserrat and St. Kitts and Nevis in that order.

It is not known whether these tests are a mix of Rapid Tests and PCR or [Polymerase Chain Reaction testing](#). Wherever this is known, the Rapid Tests are removed from the total number of tests conducted.

It is also not known how frequent some countries are testing since the total numbers of tests for some countries are repeated over time.

Special Topic Bulletin - COVID 19

**CHART 5: NUMBER OF TESTS PER 100, 000 POPULATION - SELECTED COUNTRIES—
BARBADOS, TRINIDAD AND TOBAGO, JAMAICA**

18 APRIL - 12 JUNE 2020

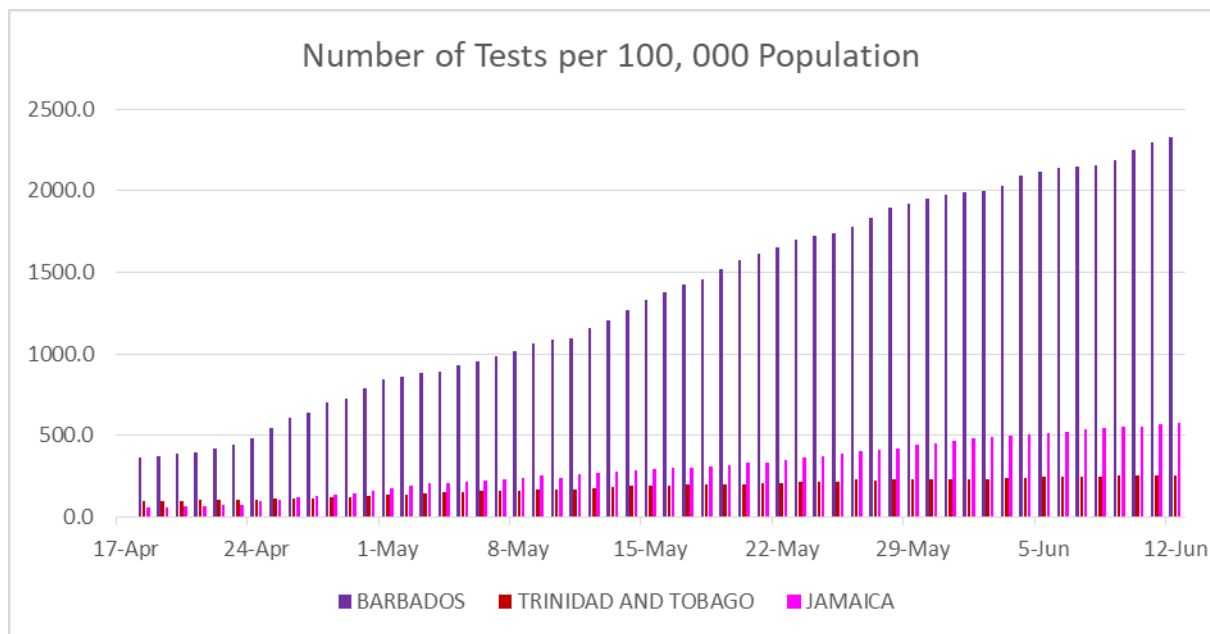
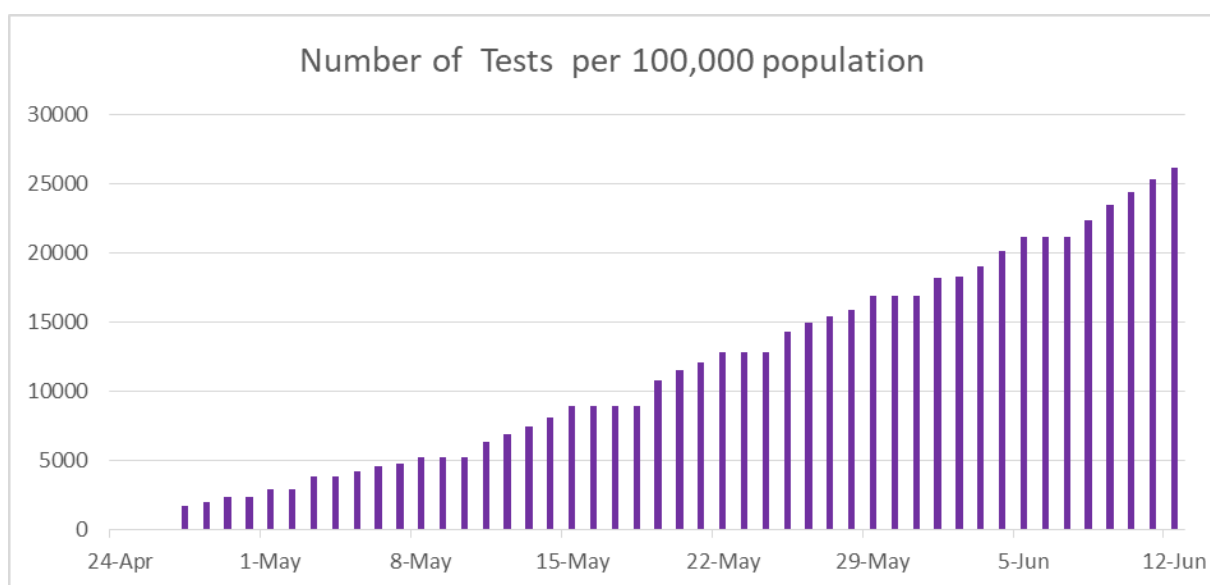


CHART 5A: NUMBER OF TESTS PER 100, 000 POPULATION— CAYMAN ISLANDS

27 APRIL— 12 JUNE 2020



Special Topic Bulletin - COVID 19

CHART 5B: NUMBER OF RECOVERIES - BARBADOS

18 APRIL - 12 JUNE 2020

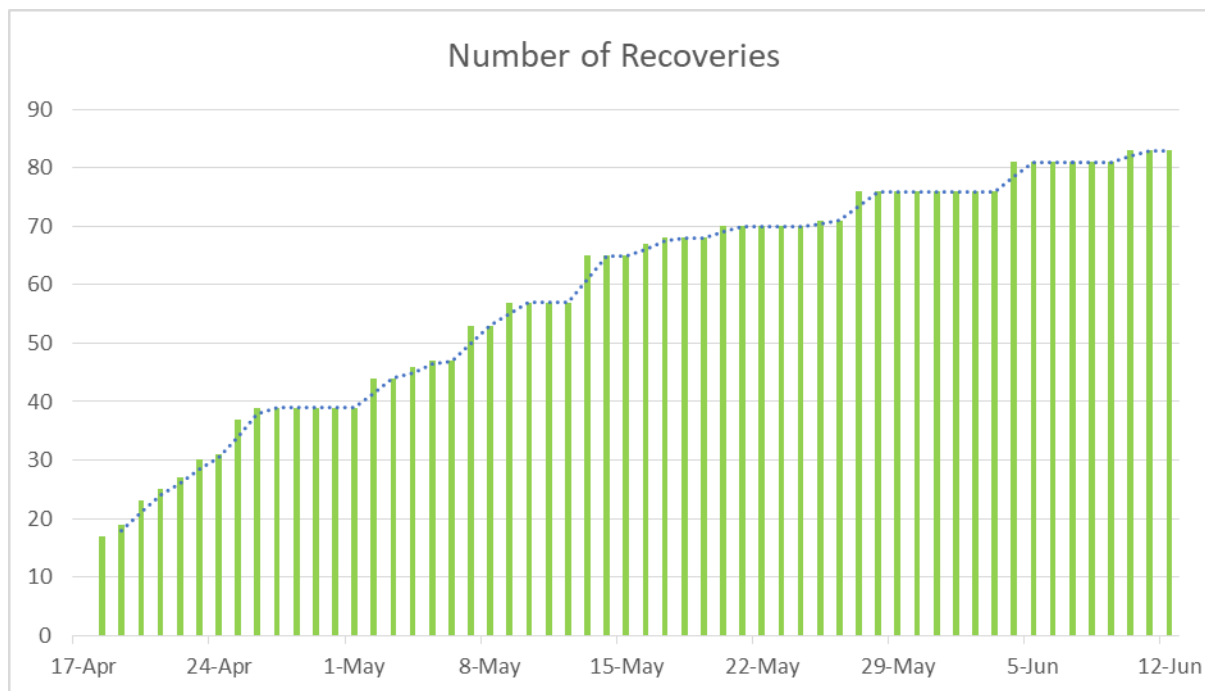
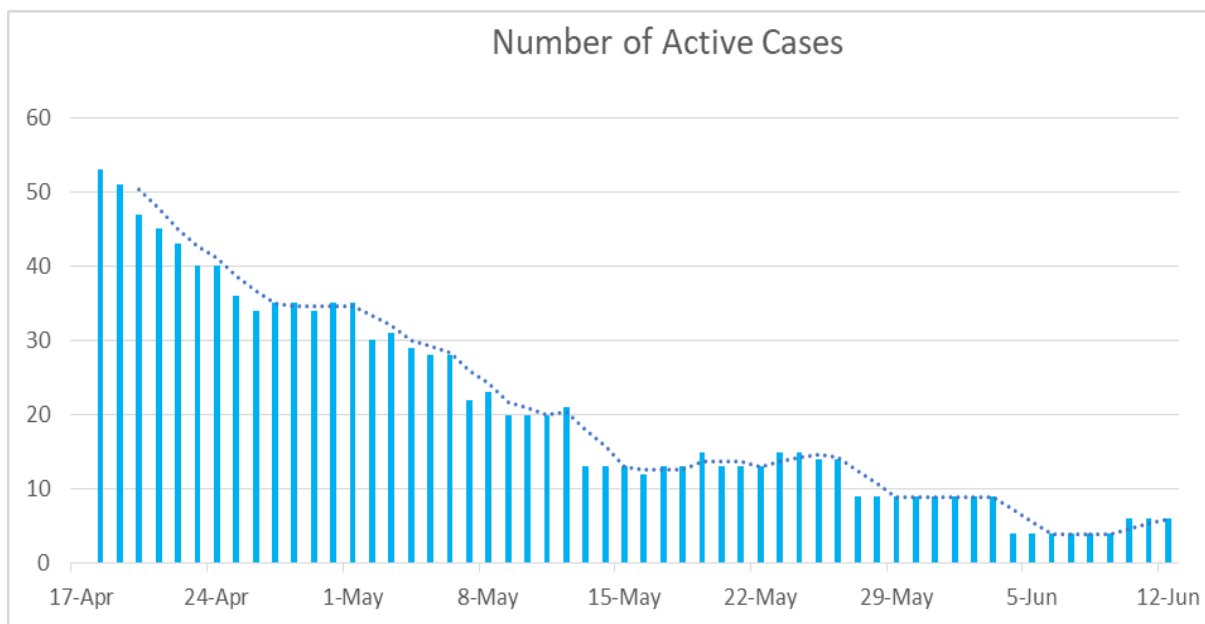


CHART 5C: NUMBER OF ACTIVE CASES - BARBADOS

18 APRIL - 12 JUNE 2020



Special Topic Bulletin - COVID 19

CHART 5D: NUMBER OF TESTS CONDUCTED - BARBADOS

18 APRIL - 12 JUNE 2020

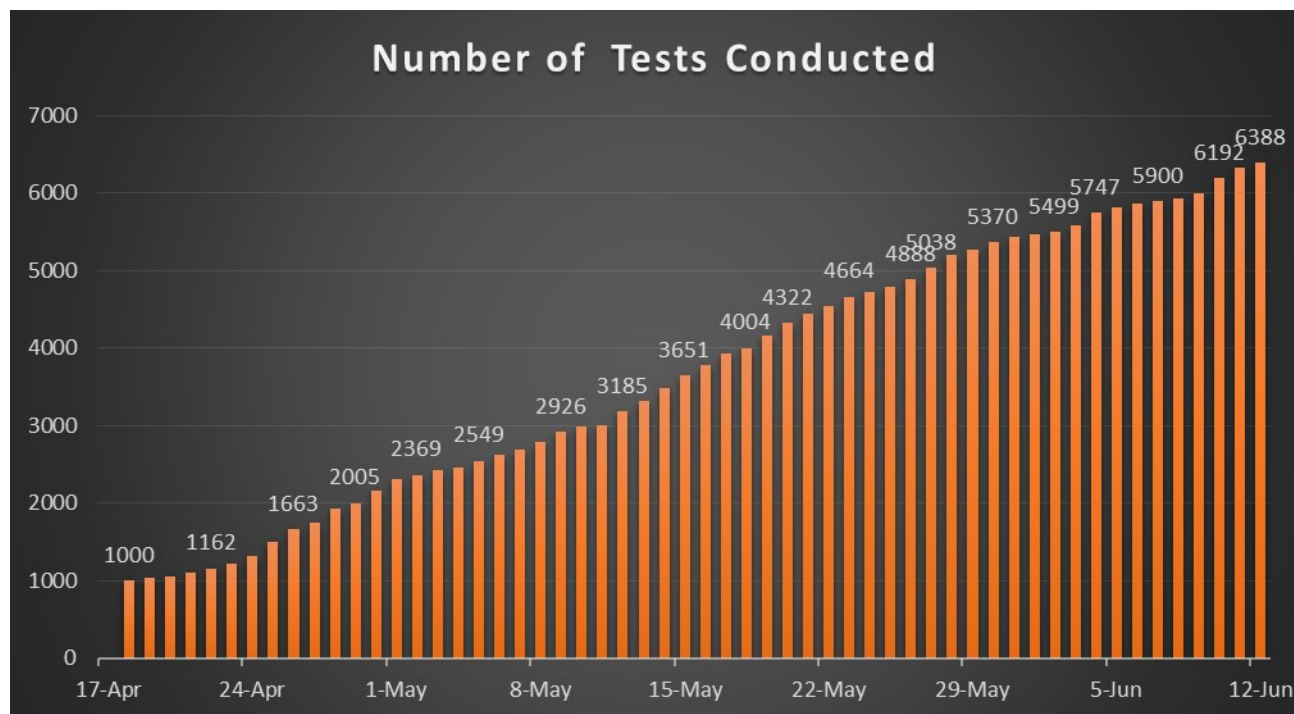
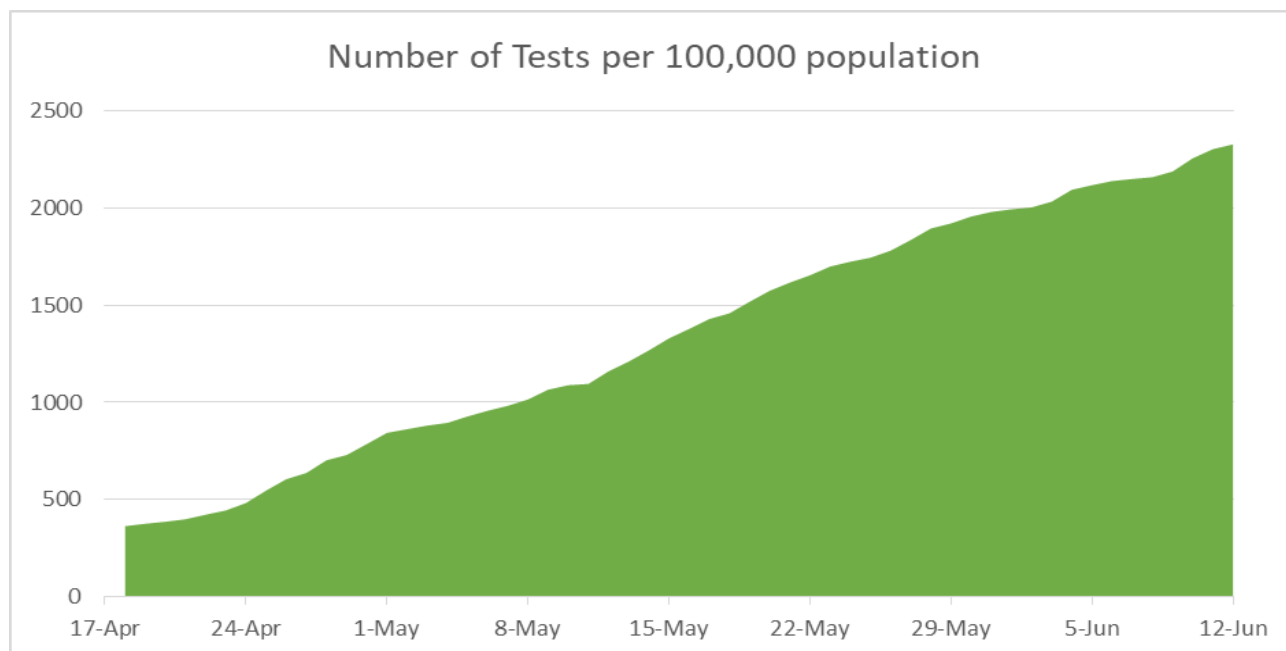


CHART 5E: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - BARBADOS

18 APRIL - 12 JUNE 2020



Special Topic Bulletin - COVID 19

CHART 5F: NUMBER OF RECOVERIES - JAMAICA
18 APRIL– 12 JUNE 2020

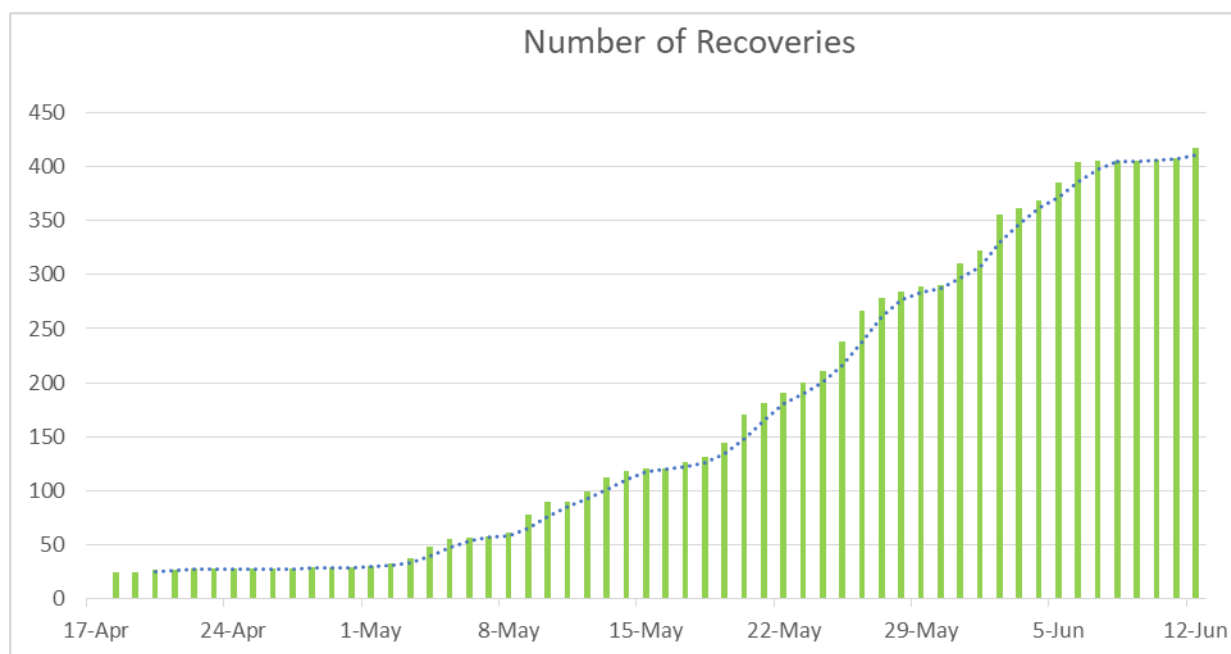
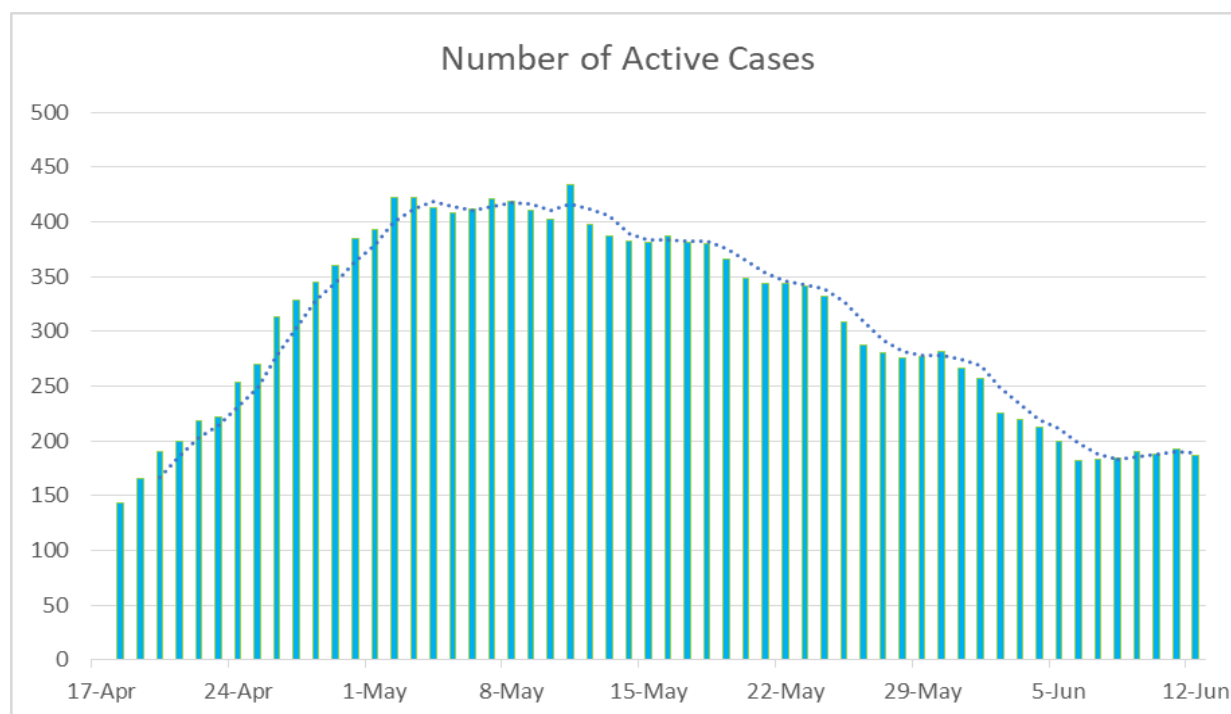
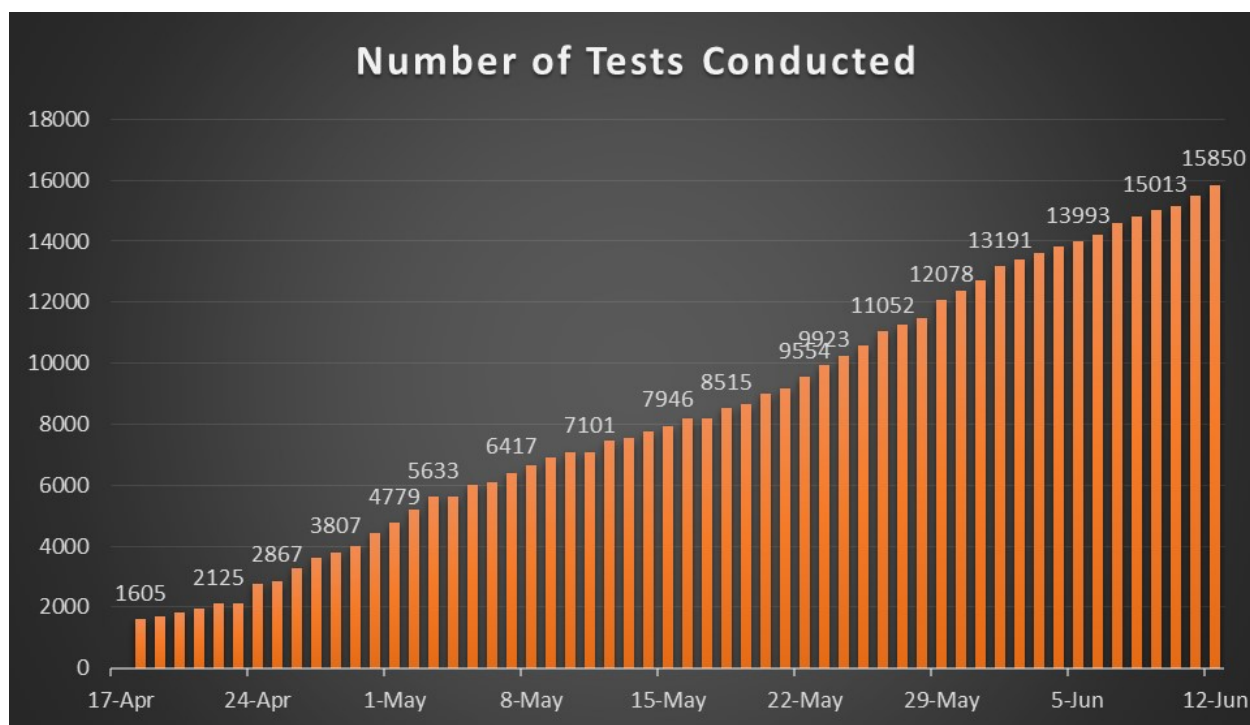


CHART 5G: NUMBER OF ACTIVE CASES - JAMAICA
18 APRIL - 12 JUNE 2020



Special Topic Bulletin - COVID 19

CHART 5H: NUMBER OF TESTS CONDUCTED - JAMAICA
18 APRIL - 12 JUNE 2020



Special Topic Bulletin - COVID 19

CHART 5J: NUMBER OF RECOVERIES - TRINIDAD AND TOBAGO
18 APRIL - 12 JUNE 2020

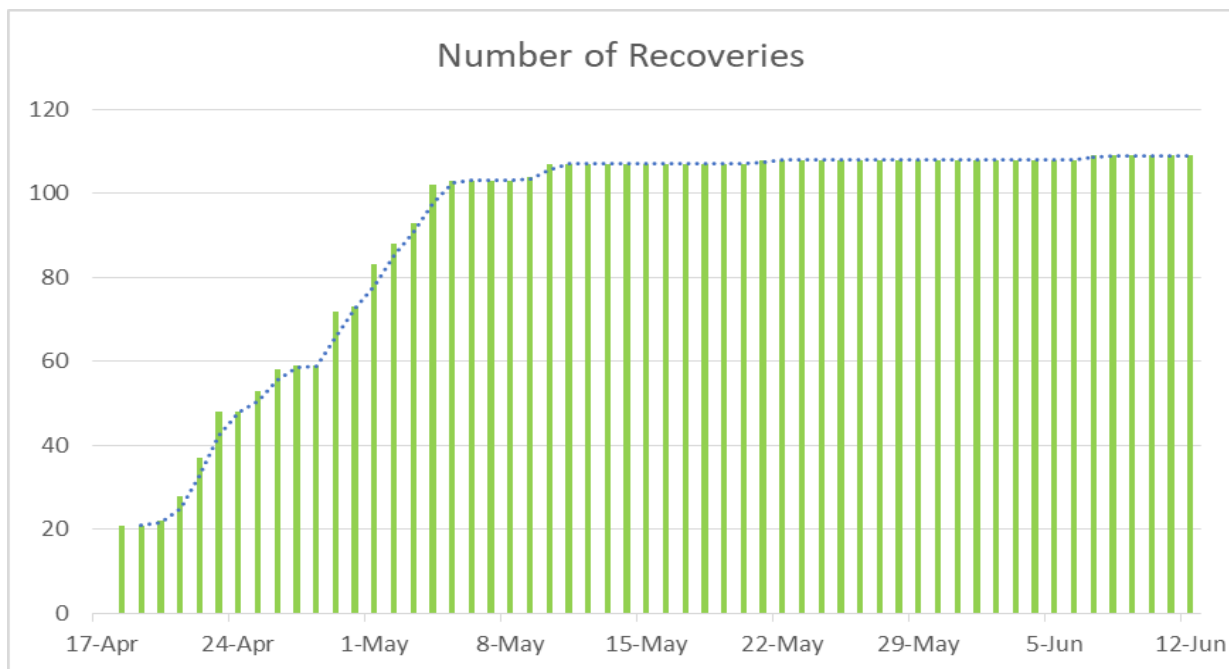
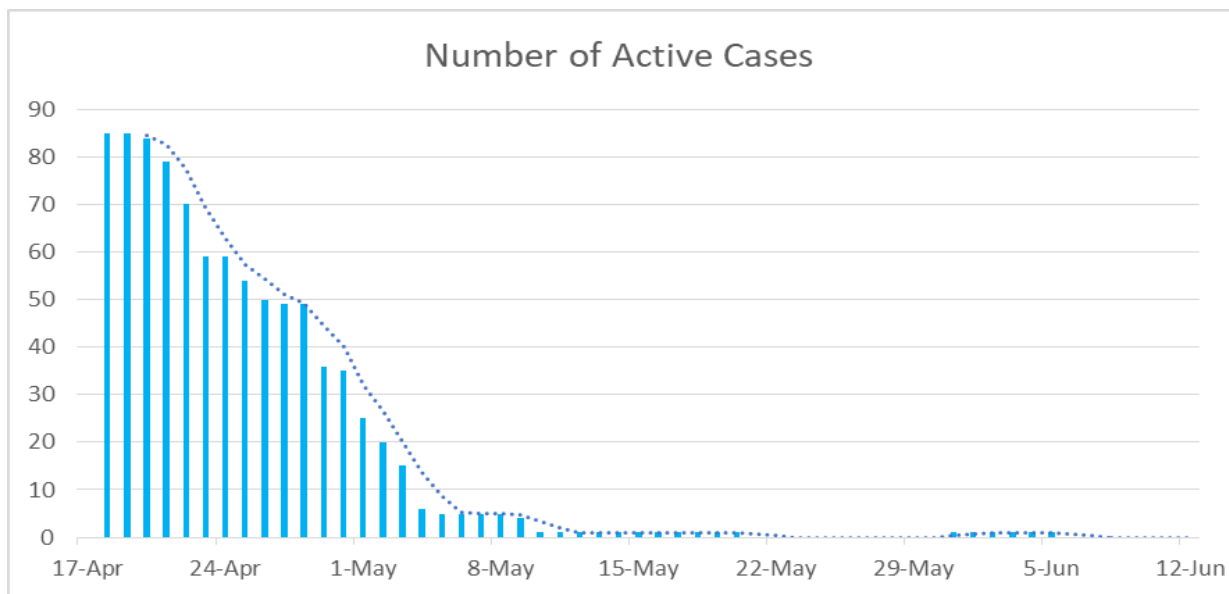
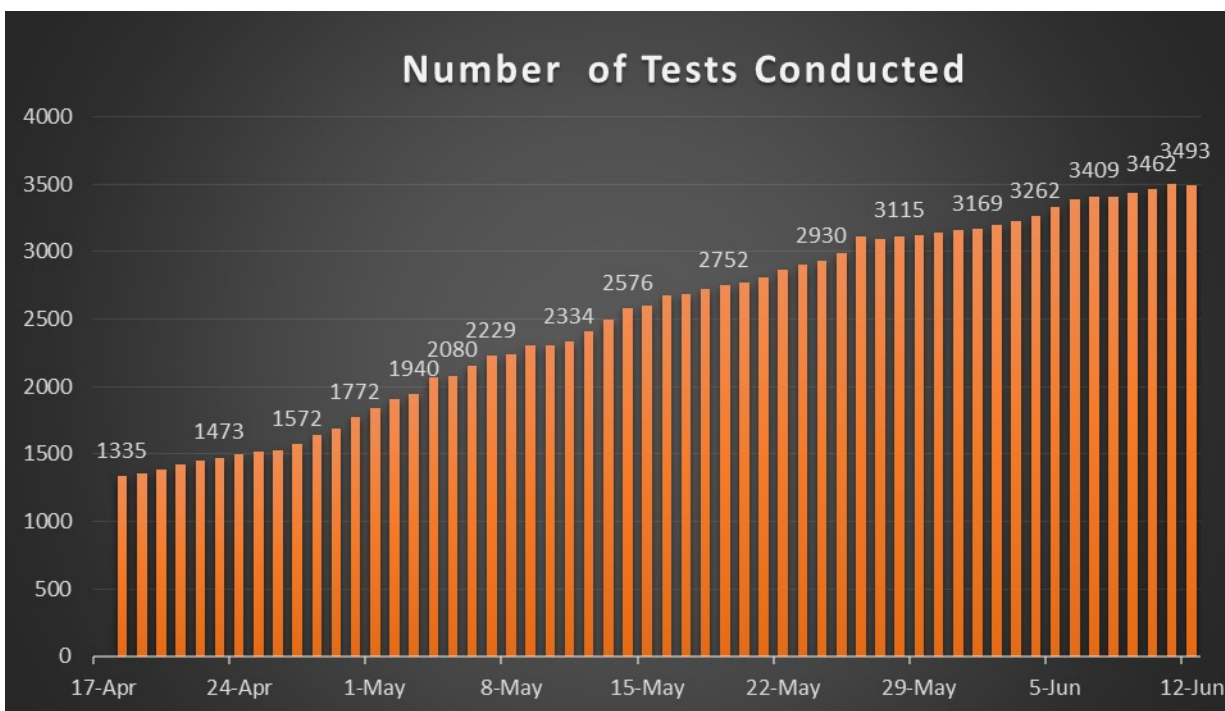


CHART 5K: NUMBER OF ACTIVE CASES- TRINIDAD AND TOBAGO
18 APRIL - 12 JUNE 2020

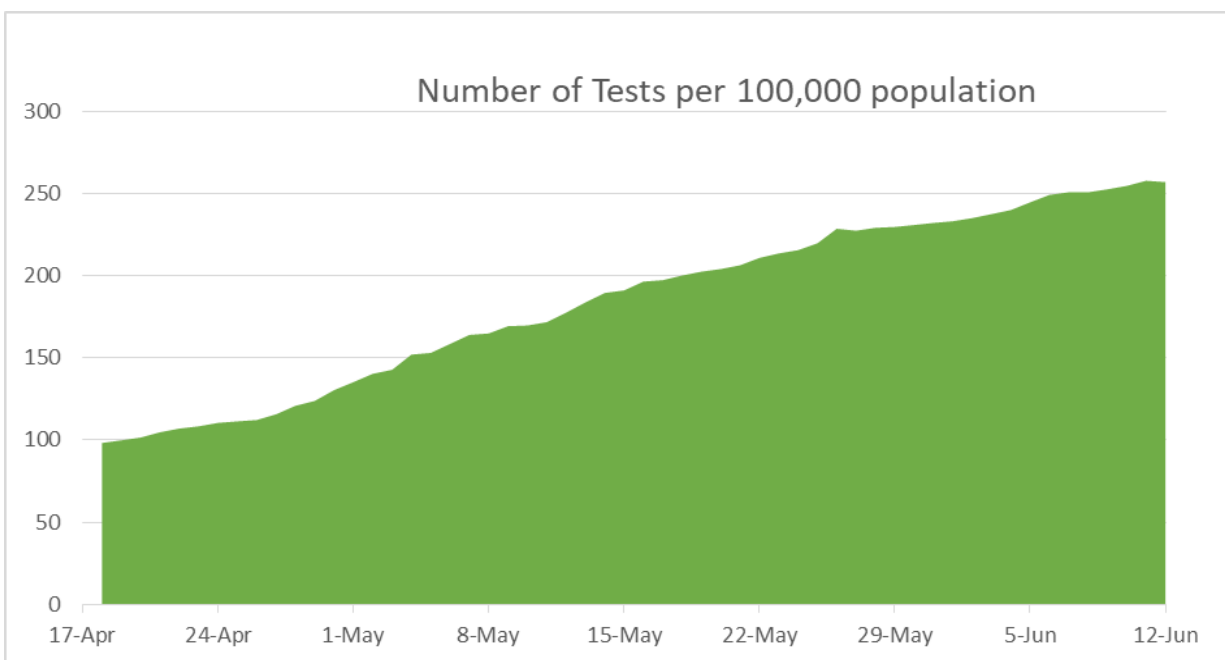


Special Topic Bulletin - COVID 19

**CHART 5L: NUMBER OF TESTS CONDUCTED - TRINIDAD AND TOBAGO
18 APRIL - 12 JUNE 2020**



**CHART 5M: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - TRINIDAD
AND TOBAGO
18 APRIL - 12 JUNE 2020**



Special Topic Bulletin - COVID 19

CHART 5N: NUMBER OF RECOVERIES - BERMUDA
18 APRIL - 12 JUNE 2020

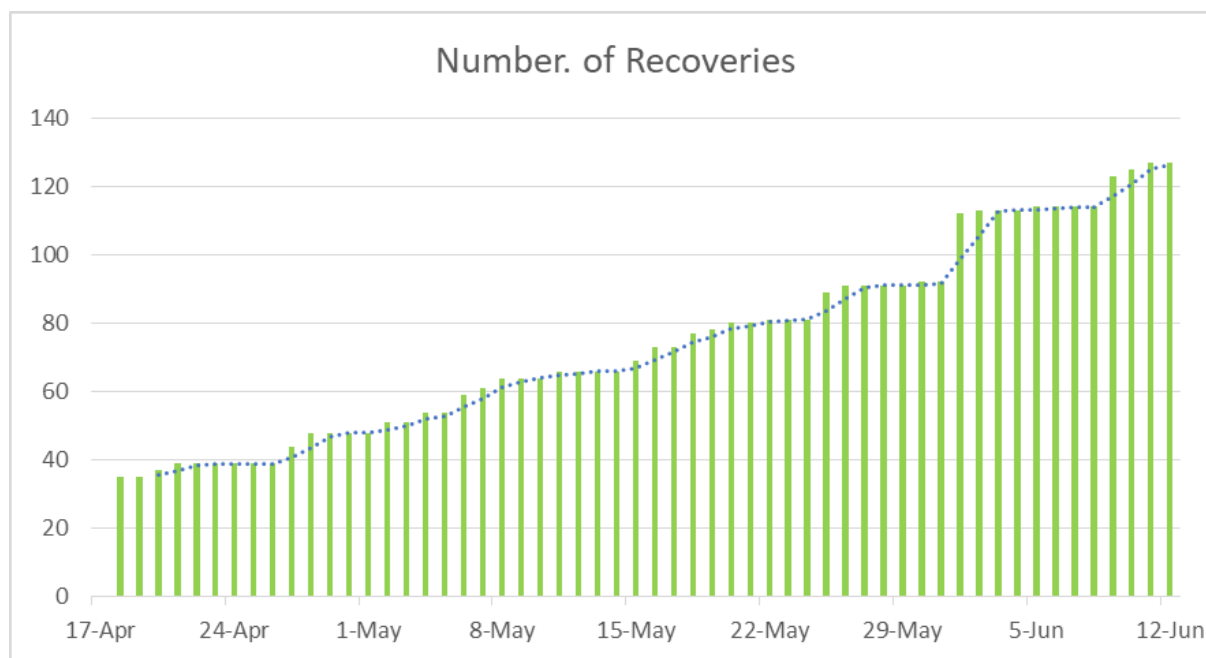
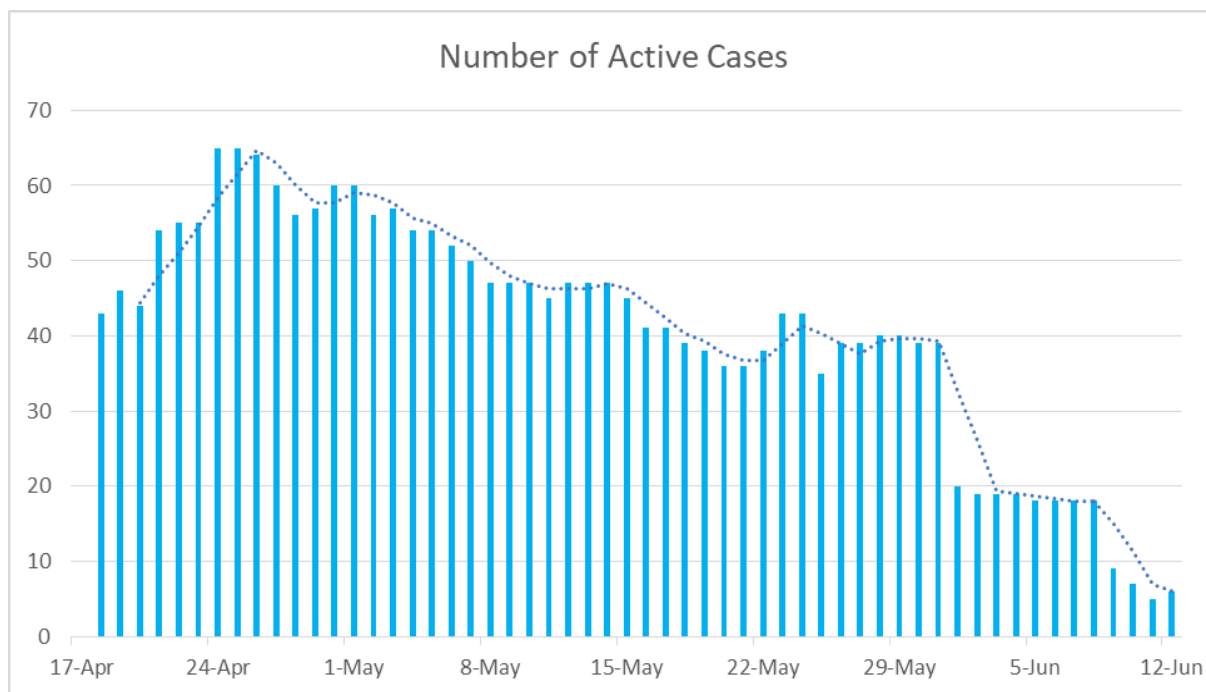


CHART 5O: NUMBER OF ACTIVE CASES - BERMUDA
18 APRIL - 12 JUNE 2020



Special Topic Bulletin - COVID 19

CHART 5P: NUMBER OF TESTS CONDUCTED - BERMUDA
18 APRIL - 12 JUNE 2020

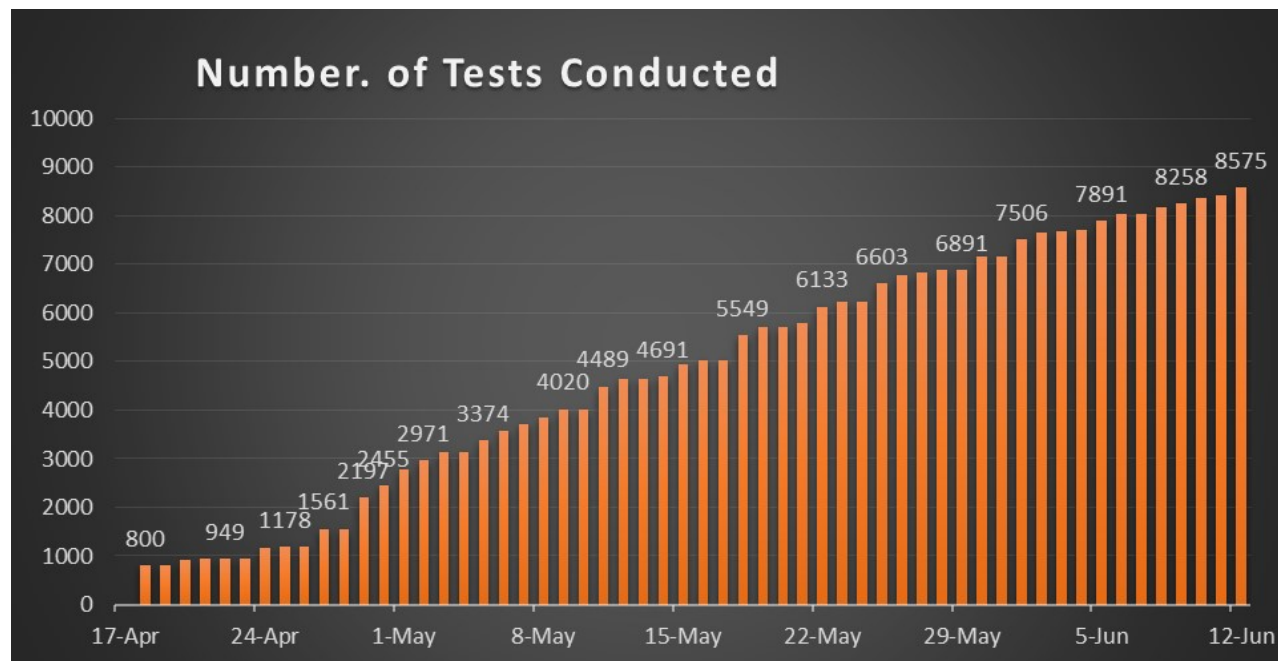
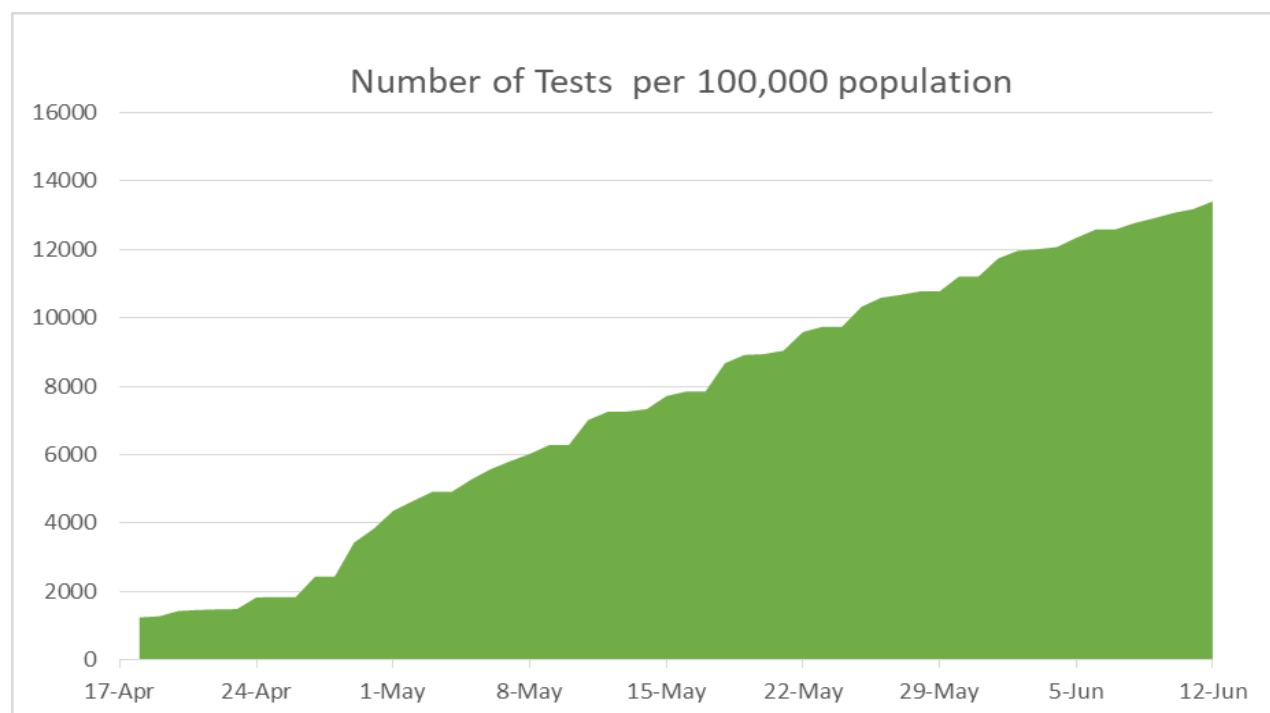






CHART 5Q: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - BERMUDA
18 APRIL - 12 JUNE 2020



Special Topic Bulletin - COVID 19

TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 12 JUNE 2020

Country	Imported Transmission 	Local Transmission 	Community Transmission 	Under Investigation 
Trinidad and Tobago	85	24	1	7
Guyana	4	155	0	0
Bermuda	41	84	11	6
Jamaica	113	455	39	7
St. Vincent and the Grenadines	21	6	-	-
Belize	3	17		

Note: There are differences in the classification of mode of transmission across countries. For example, Community Transmission, which according to international guidelines, reflects in part “Local Transmission with no epidemiological Link” is largely not used. In the case of Jamaica, approximately 236 cases in this category are linked to the workplace cluster and are placed under local transmission rather than Under Investigation. **Please see Issue 2 for explanations on Mode of Transmission.**

TABLE 7: CONFIRMED CASES BY SEX - SELECTED COUNTRIES AS AT 12 JUNE 2020



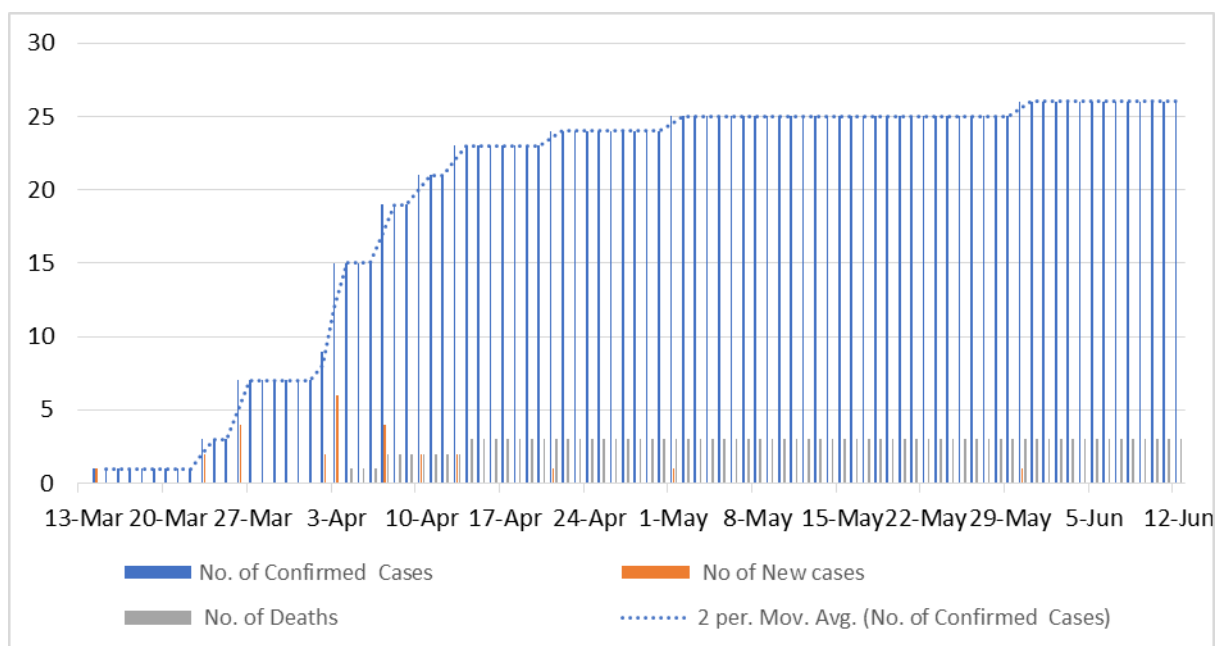
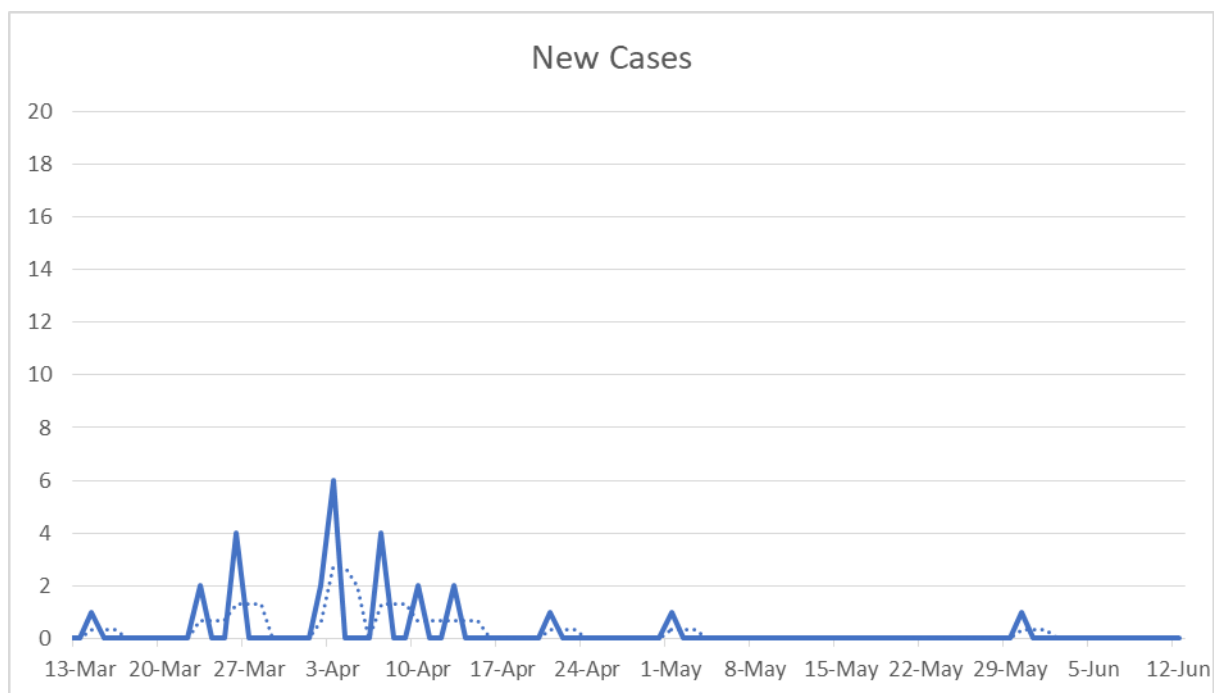
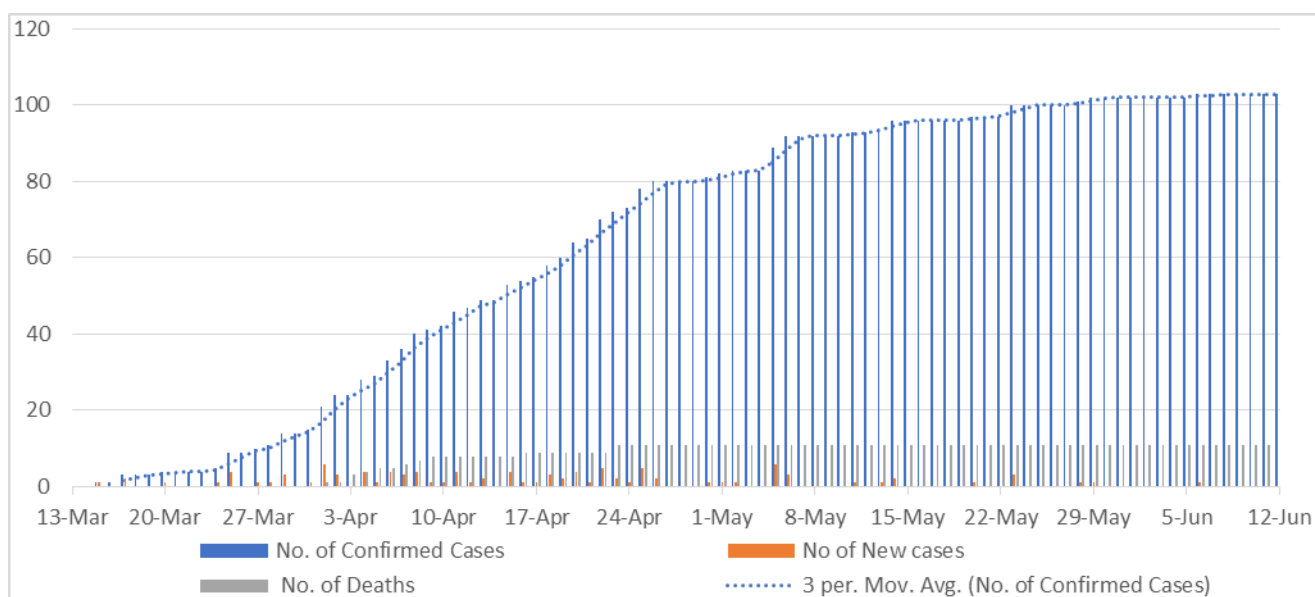
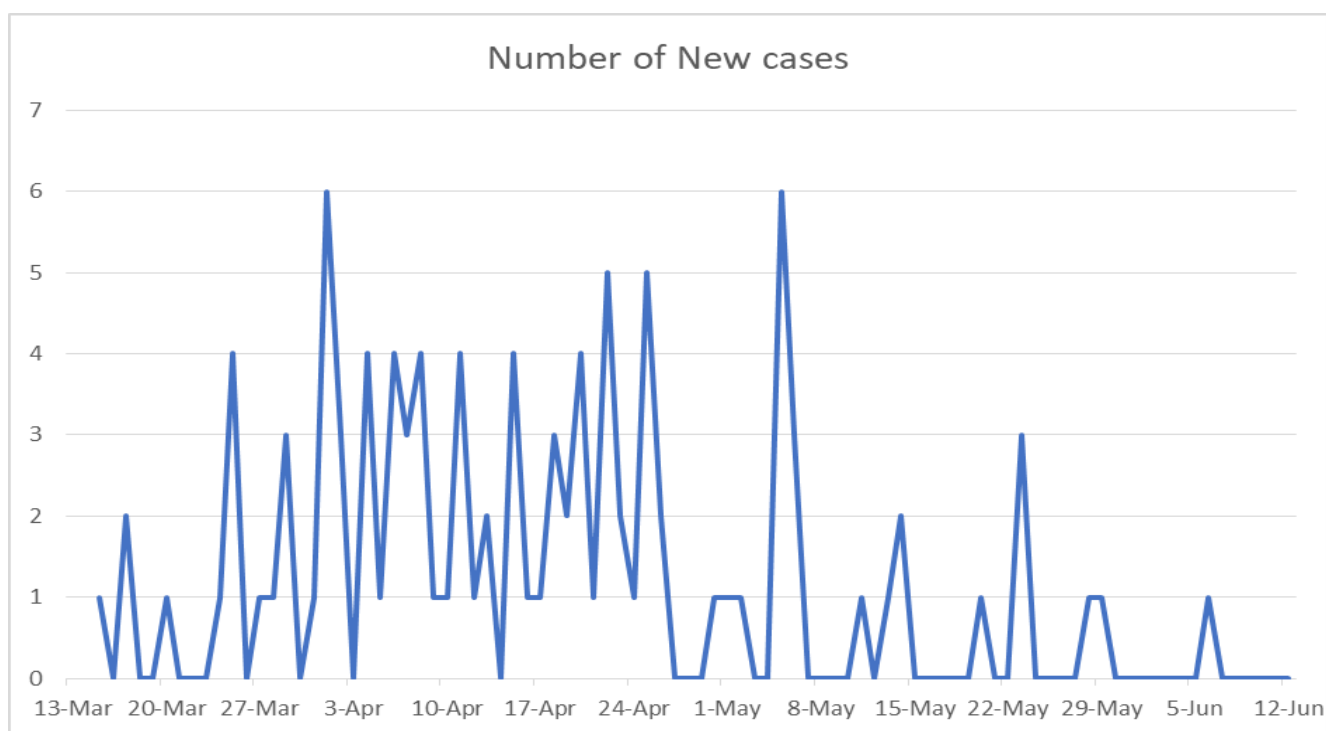
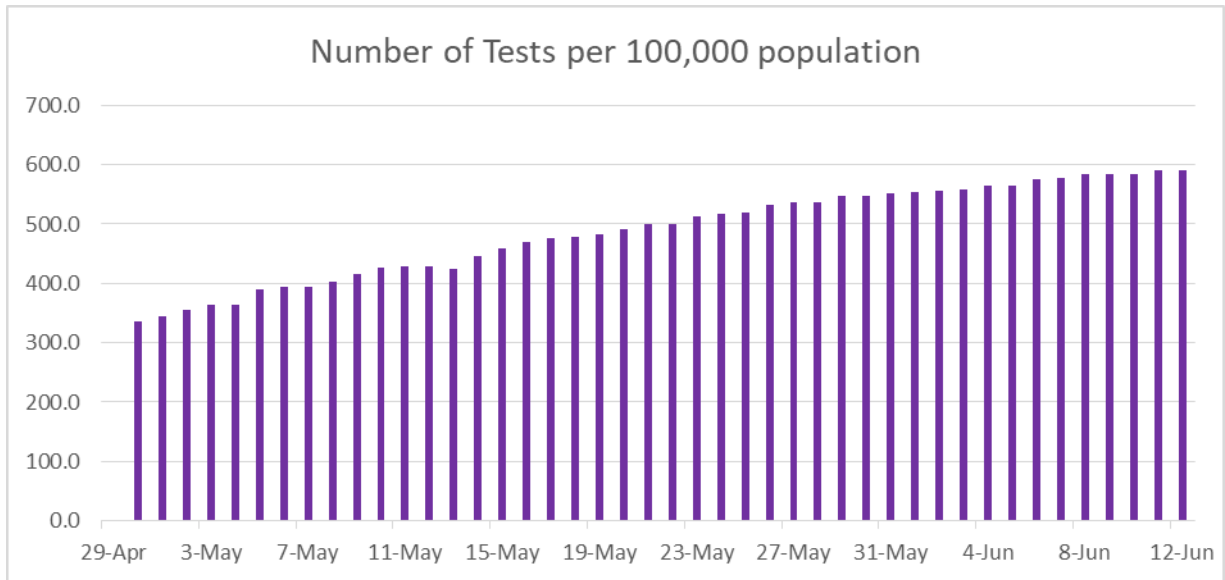
Country			Not Stated
Jamaica	259	355	
Barbados	44	52	
Trinidad and Tobago	46	63	8
Bermuda	61	81	
Haiti	2353	1588	
Belize	10	10	
Cayman Islands	101	86	

CHART 6: ANTIGUA AND BARBUDA**CHART 6A: ANTIGUA AND BARBUDA**

Note: Antigua and Barbuda last new case was on **30 May** during the last reporting period. There were no new cases during **6-12 June**, the current reporting period. The number of confirmed cases remains at **26**.

CHART 7: THE BAHAMAS**CHART 7A: THE BAHAMAS**

Note: The Bahamas had **one** new case during **6-12 June** after having **no** new cases during the week of **30 May –6 June**. The number of confirmed cases stood at **103** as at 12 June.

Special Topic Bulletin - COVID 19**CHART 7B: THE BAHAMAS**

Special Topic Bulletin - COVID 19

CHART 8: BARBADOS

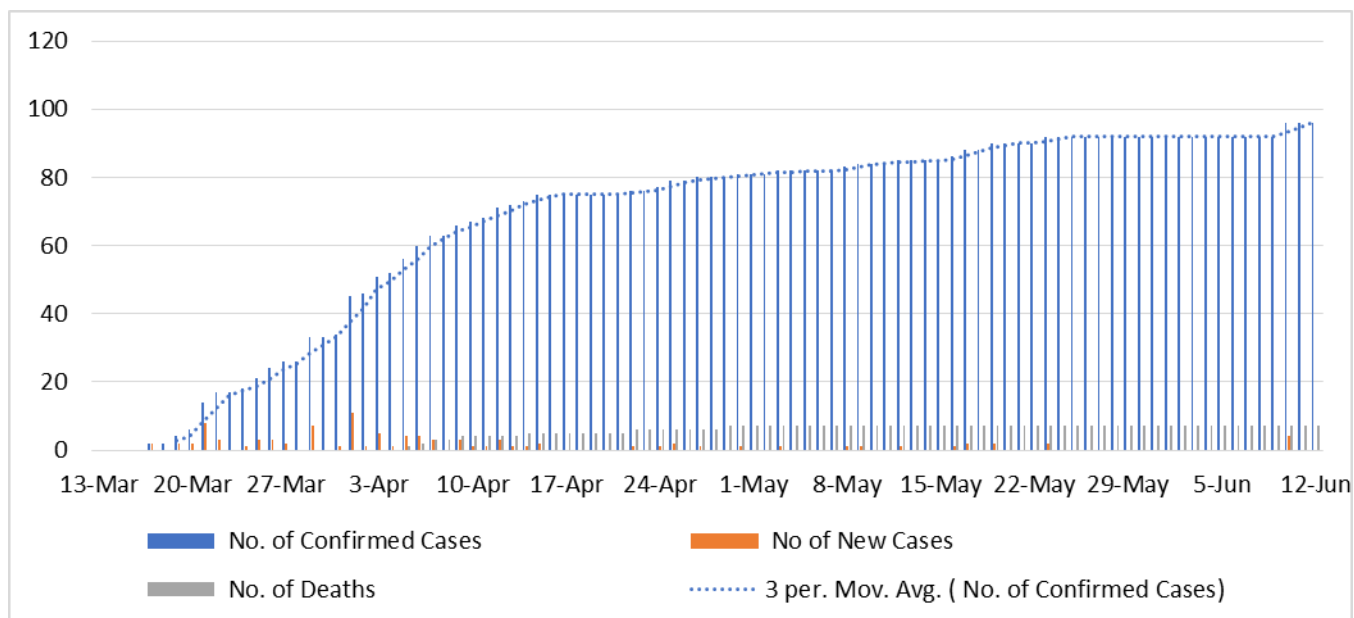
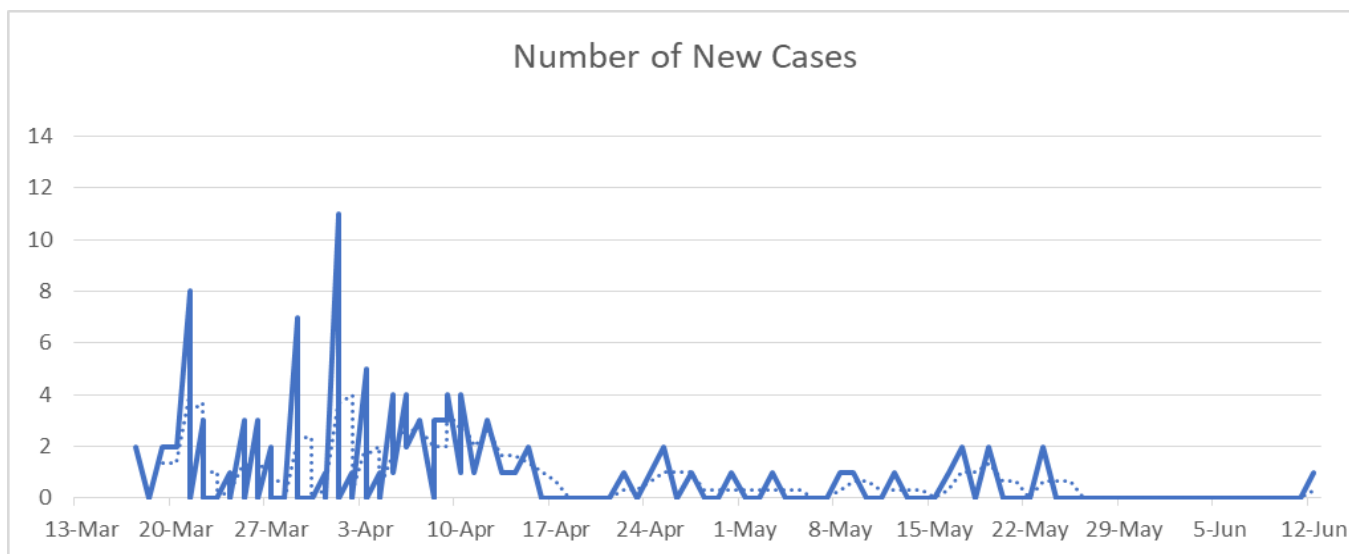


CHART 8A: BARBADOS



Note: Barbados had 4 new cases during the current reporting period **6-12 June** after having **no** new cases during the previous reporting week, **30 May—5 June**. The number of confirmed cases stood at **96**, as at 12 June.

Special Topic Bulletin - COVID 19

CHART 9: BELIZE

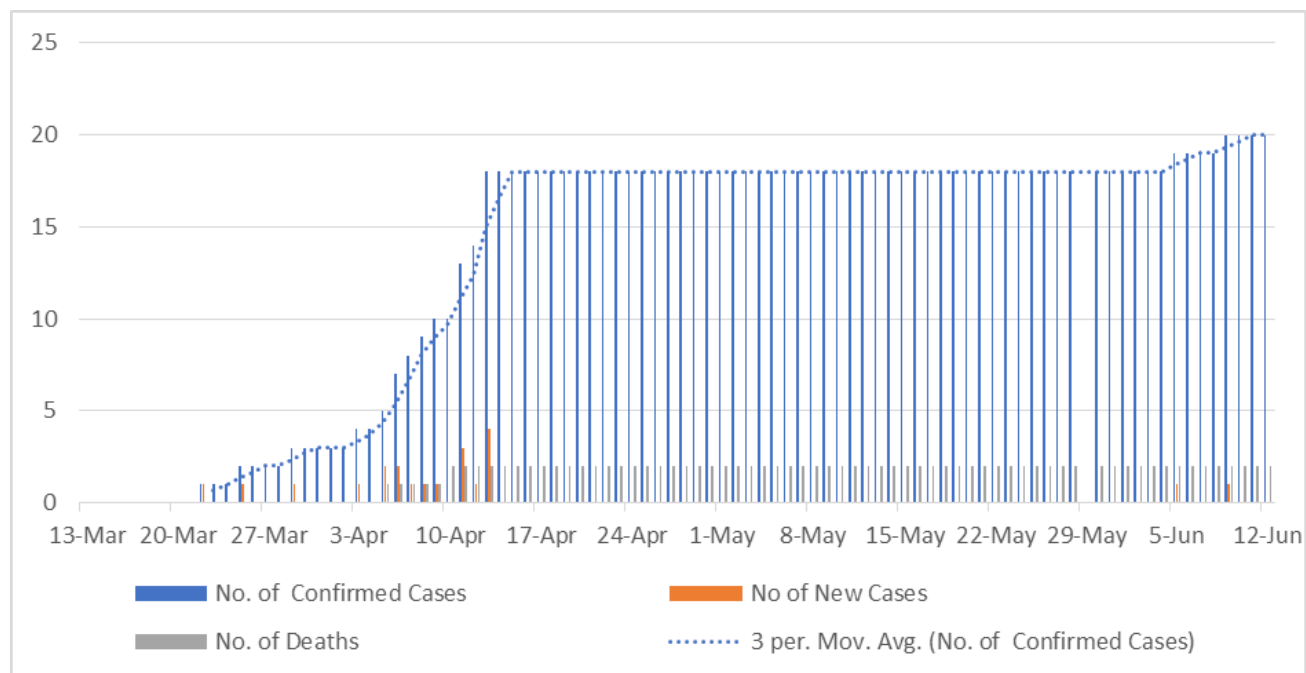
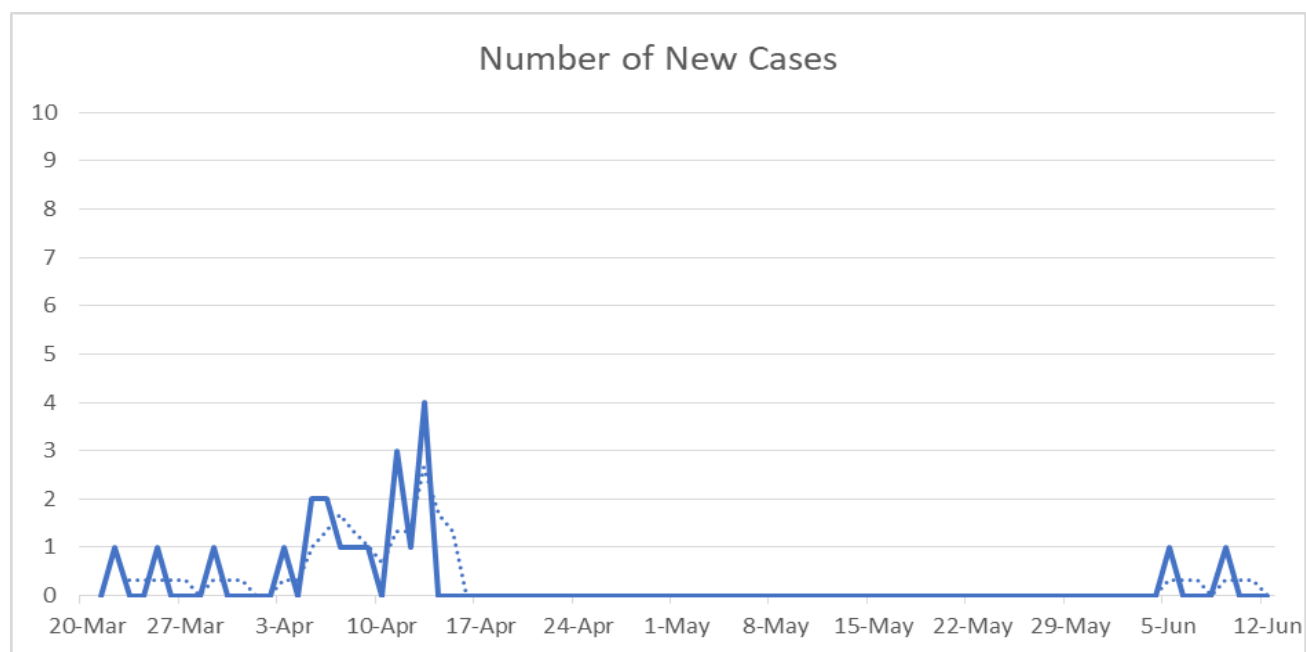
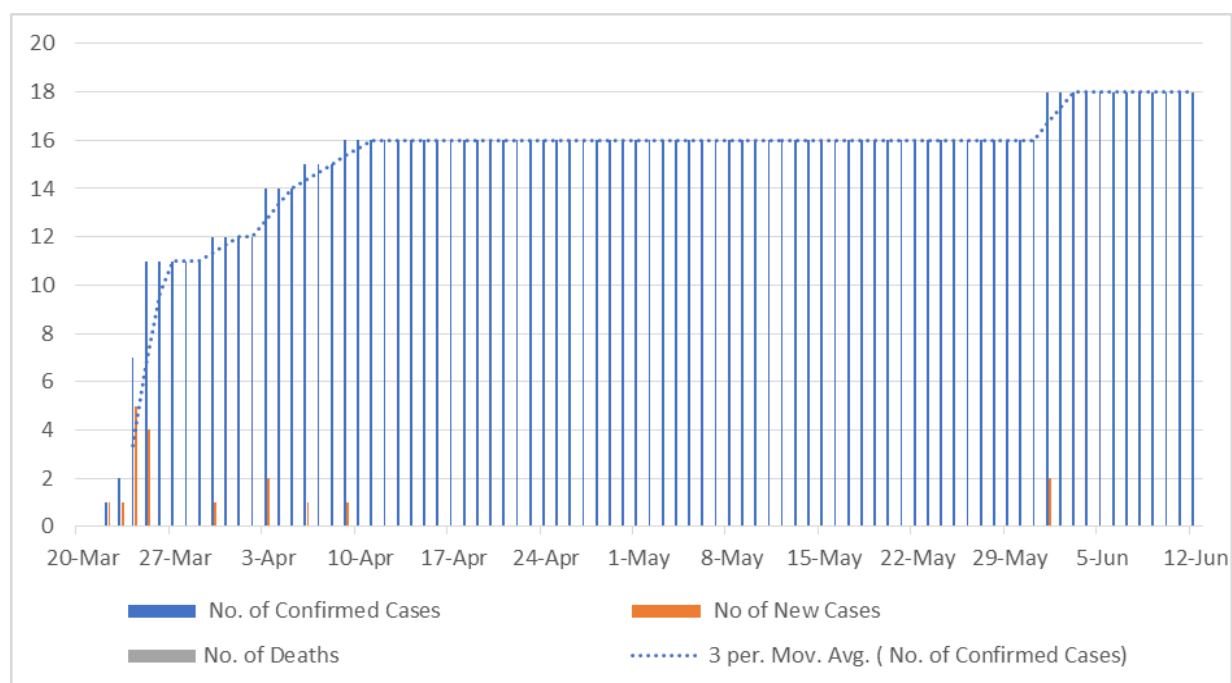
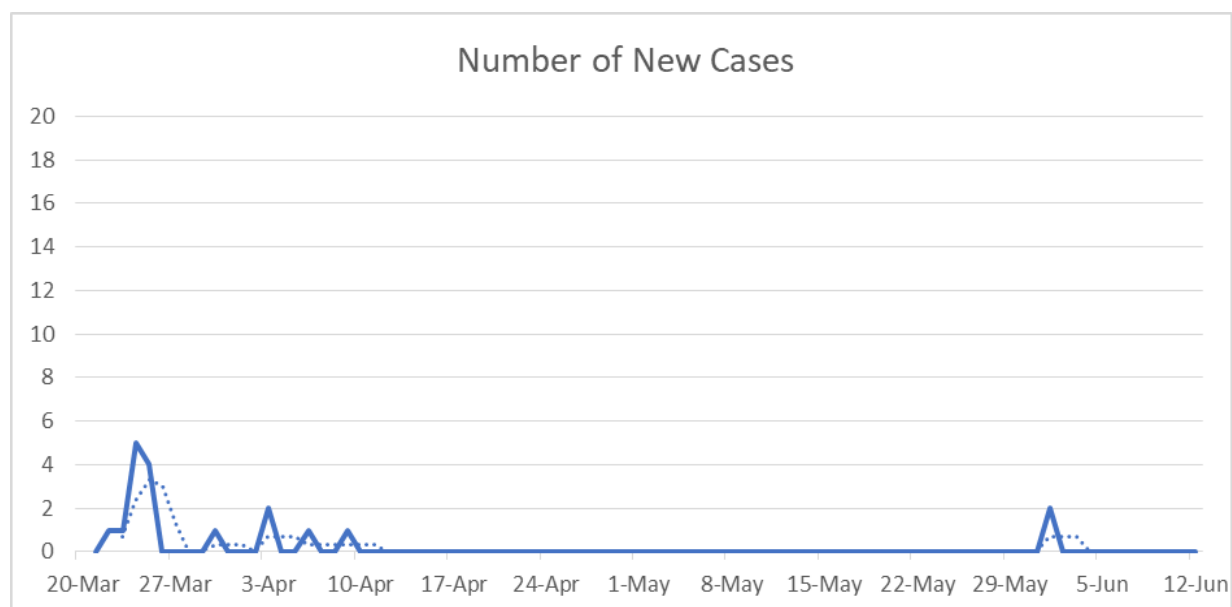


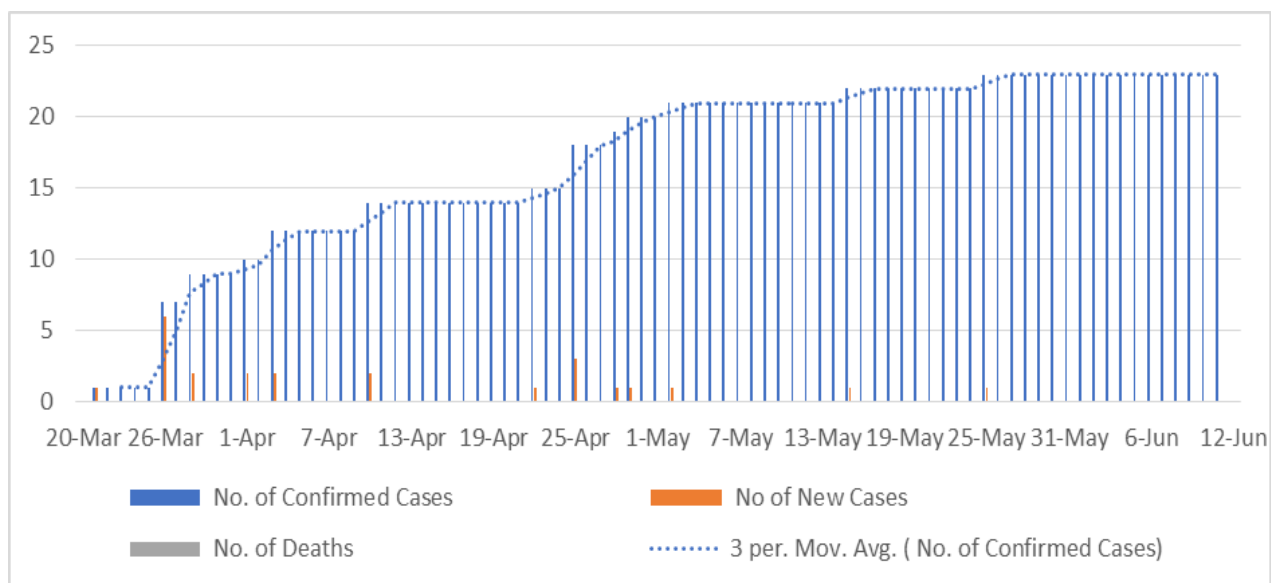
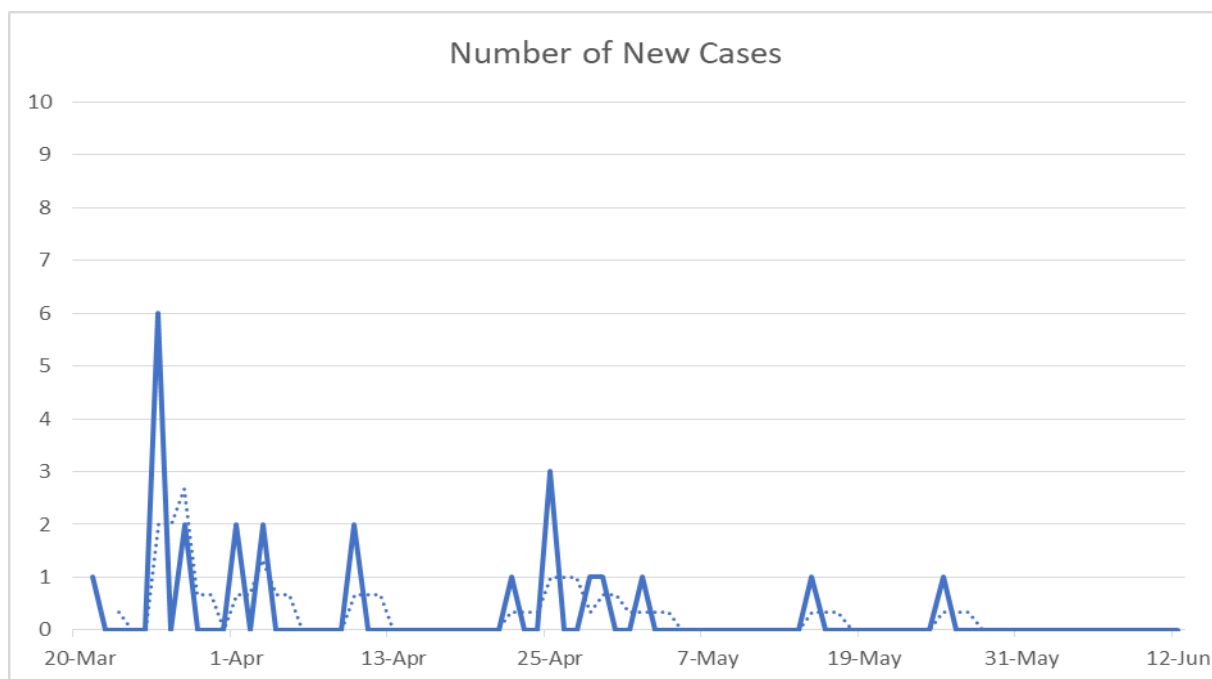
CHART 9A: BELIZE



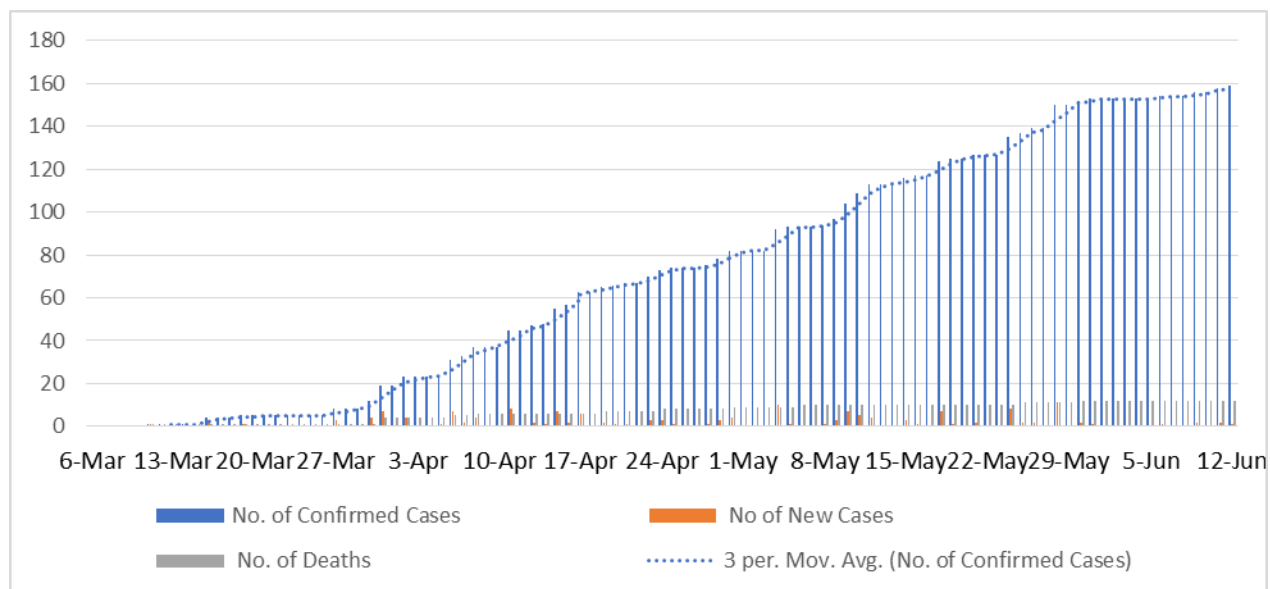
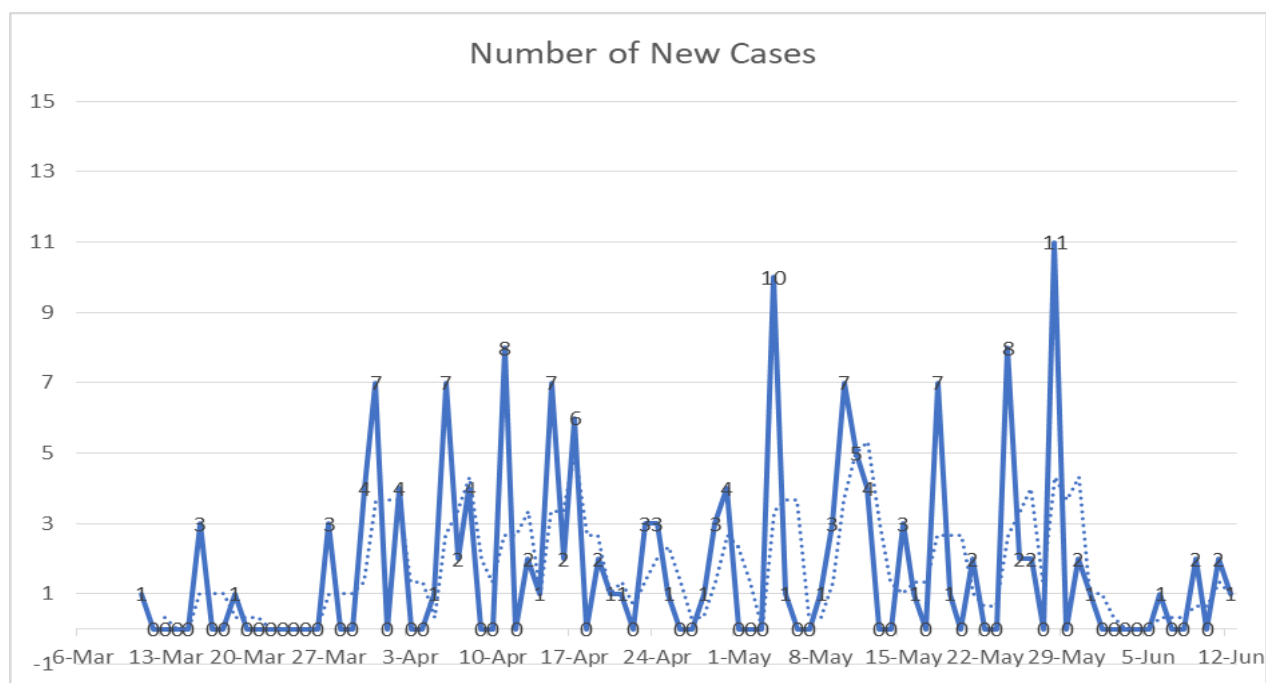
Note: Belize experienced another new case during **6-12 June** after having a new case of COVID-19 on **5 June**. Prior to the new case on 5 June, the previous new case was on **13 April**, a period of **52** days without a case as at 4 June.

CHART 10: DOMINICA**CHART 10A: DOMINICA**

Note: Dominica had no new cases of COVID-19 during the current reporting period **6-12 June**. The last new case was on **1 June**. There was a long period without a case prior to 1 June dating back to **10 April**, a period of **50 days** as at 31 May.

CHART 11: GRENADA**CHART 11A: GRENADA**

Note: There were **no** new cases in Grenada from **6-12 June** which was similar to the period **30 May—5 June**. The last new case occurred on **25 May**.

CHART 12: GUYANA**CHART 12A: GUYANA**

Note: There were **6** new cases in Guyana during **6-12 June** as compared to **5** during **30 May–5 June** and **23** new cases during **23-29 May**. The number of confirmed cases for Guyana increased to **159** as at 12 June.

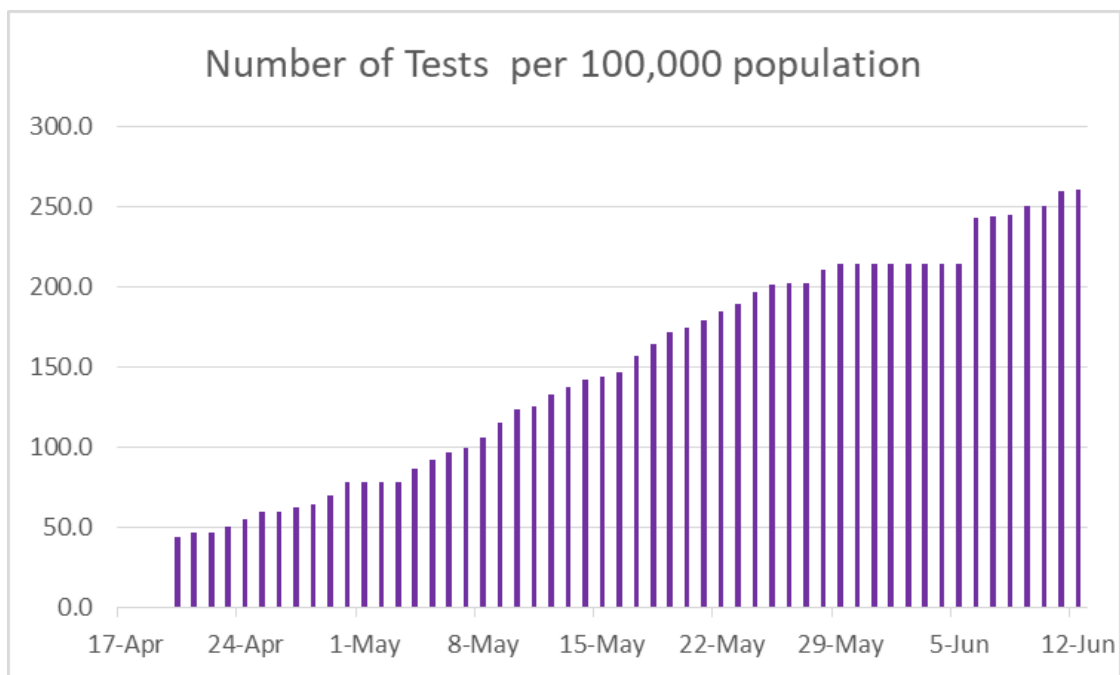
CHART 12B: GUYANA

CHART 13: HAITI

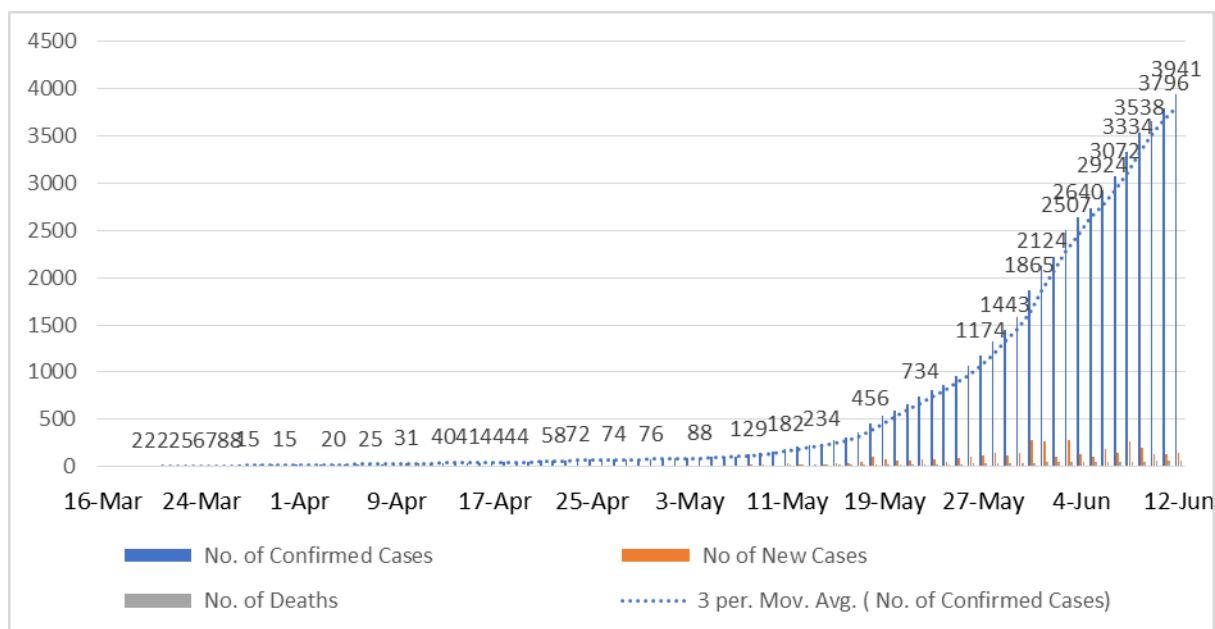
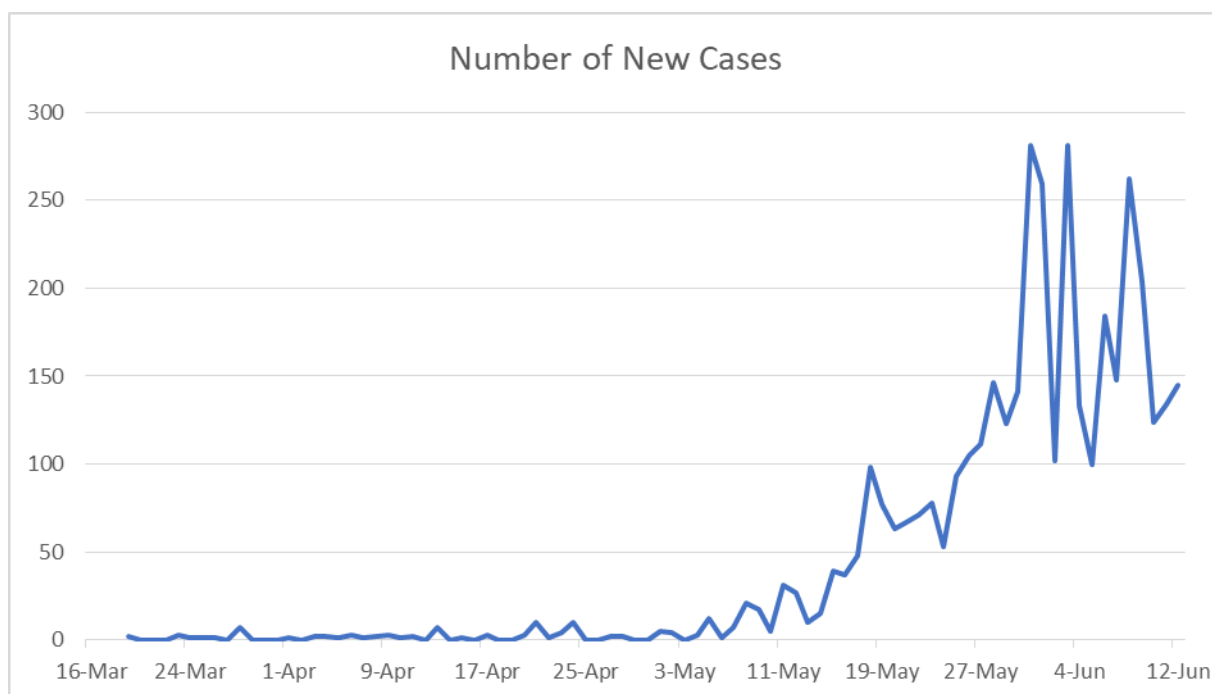
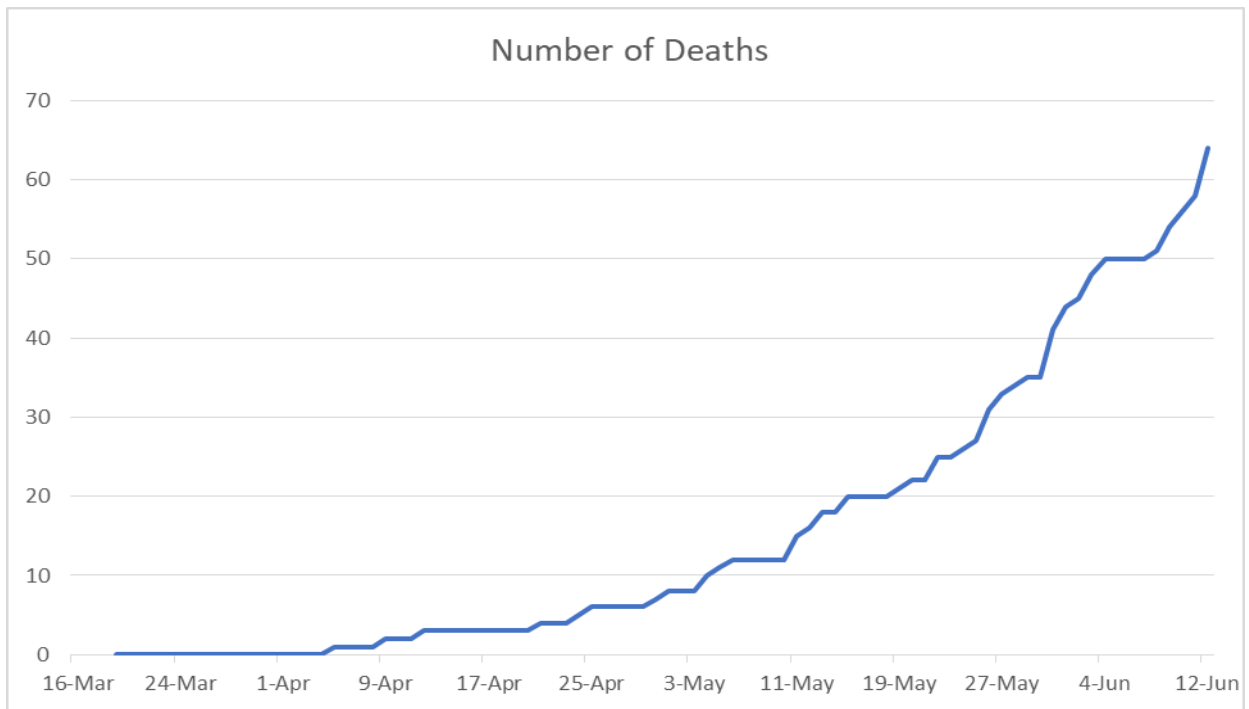
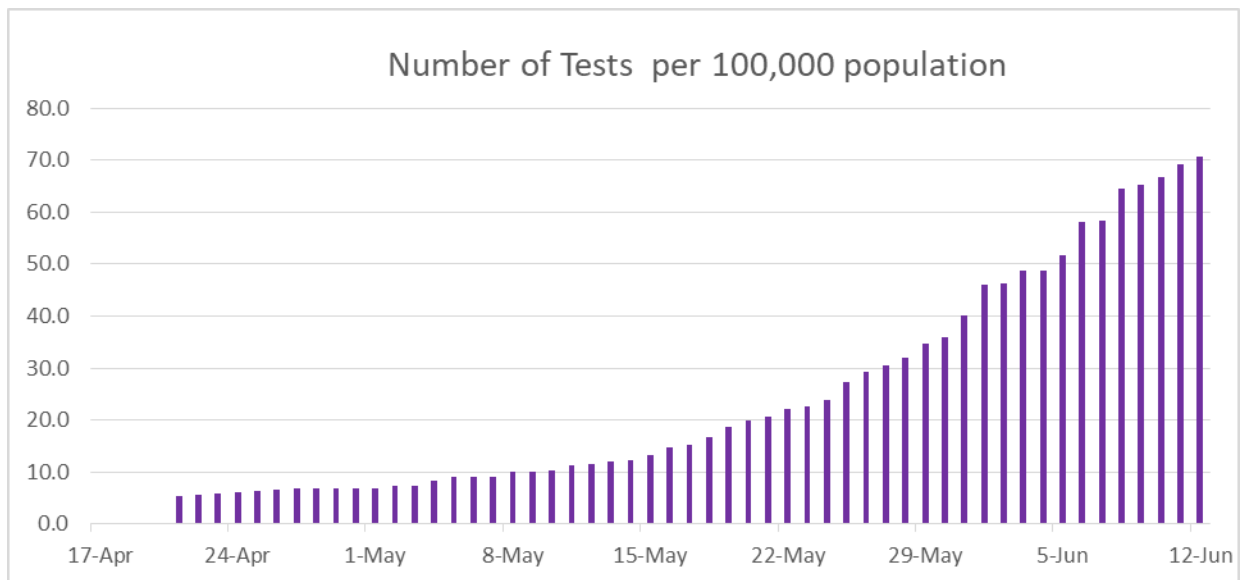


CHART 13A: HAITI



Note: There were **1201** new cases in Haiti during **6-12 June** as compared to **1297** for the period 30 May—5 June, **709** for **23-29 May** and **461** new cases from **16 -22 May**. The 1201 new cases represented a reduction of 96 new cases from the last reporting period and also contributed to **88.8 percent** of the total new cases for CARICOM which stood at **1353**.

CHART 13B: HAITI**CHART 13C: HAITI**

Special Topic Bulletin - COVID 19

CHART 14: JAMAICA

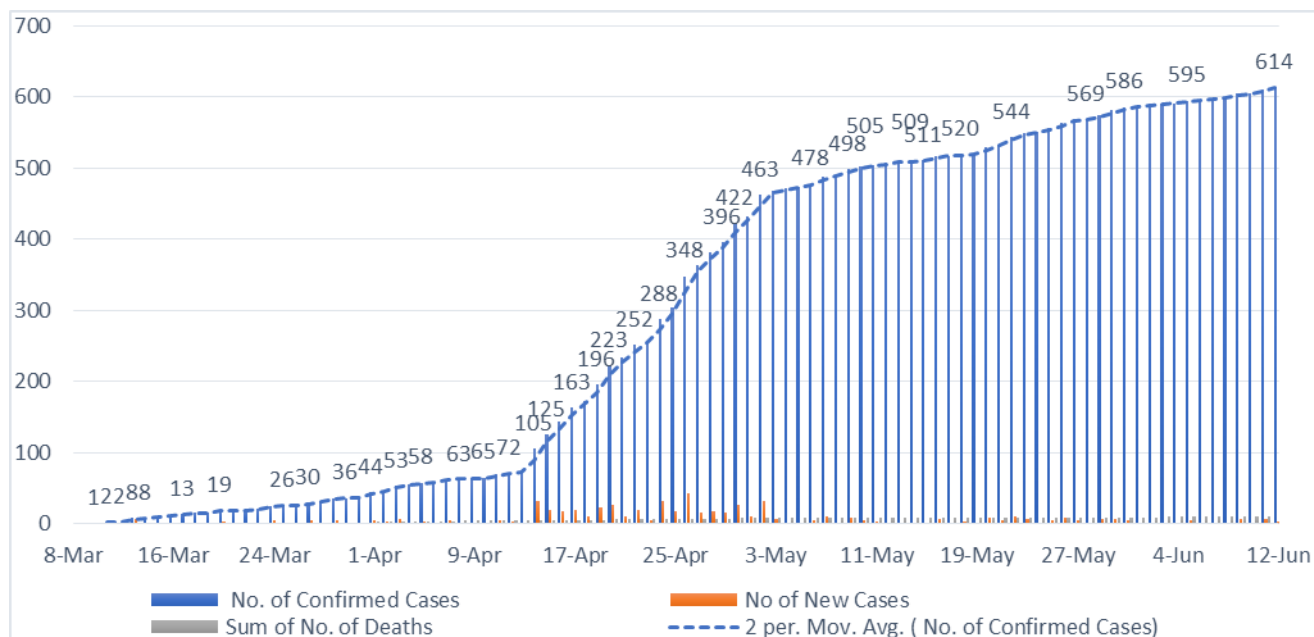
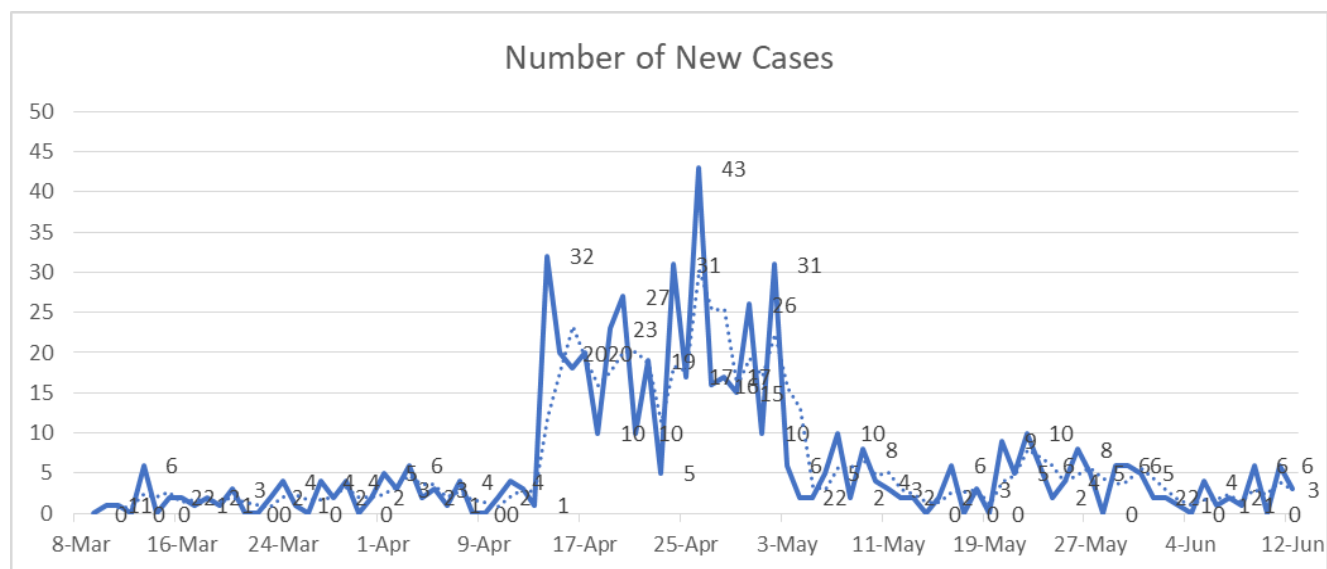
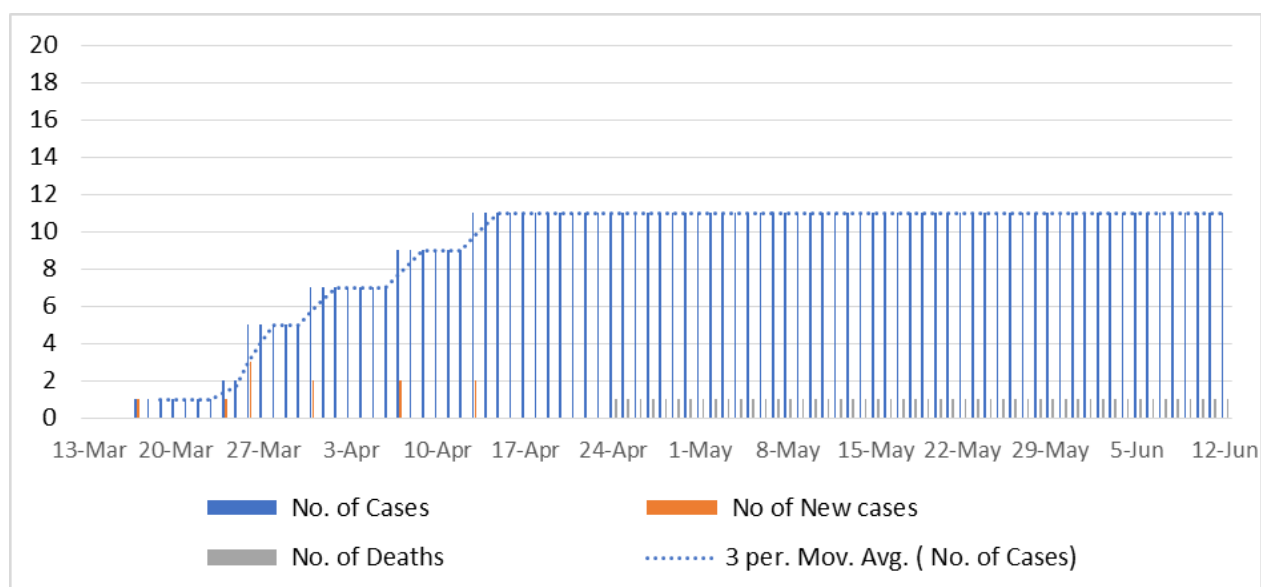
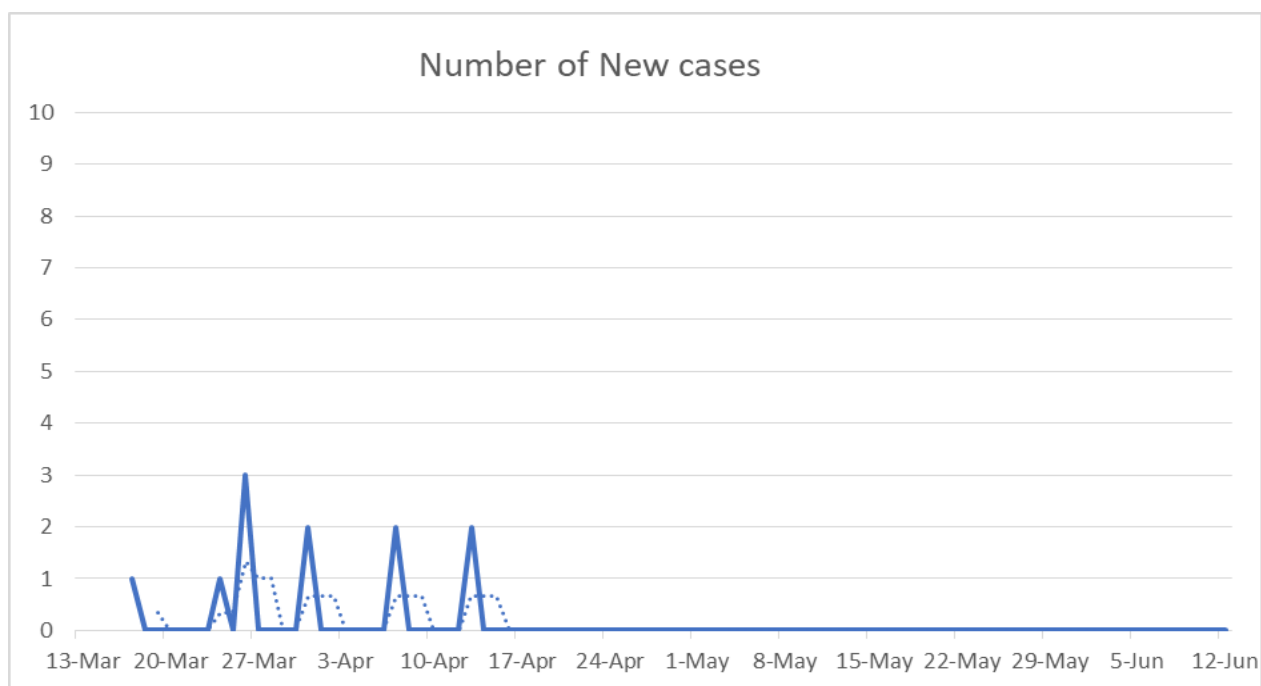


CHART 14A: JAMAICA



Note: Jamaica had **19** new cases during the current reporting period **6-12 June** as compared to **20** new cases during the period **30 May-5 June**, **31** new cases for the period **23-29 May**, **33** new cases from **16-22 May** and **21** cases for the period **9-15 May**. The total number of confirmed cases stood at **614** as at **12 June**.

CHART 15: MONTSERRAT**CHART 15A: MONTSERRAT**

Note: There were no new cases in Montserrat since **13 April**, a period of **60 days** up to **12 June**.

CHART 16: SAINT LUCIA

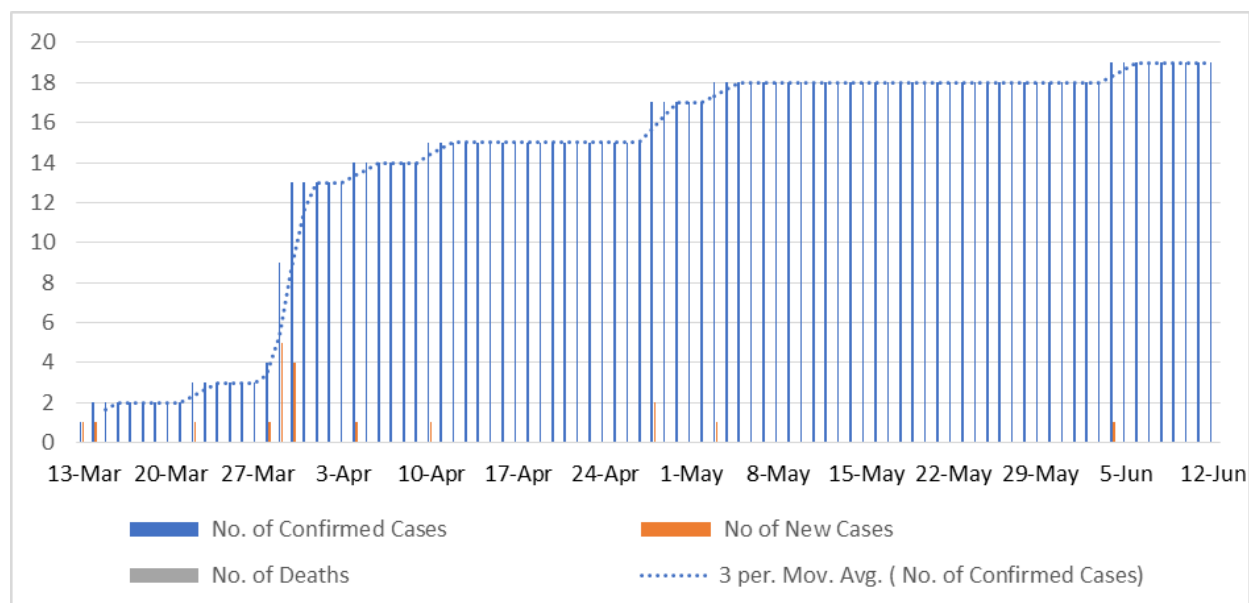
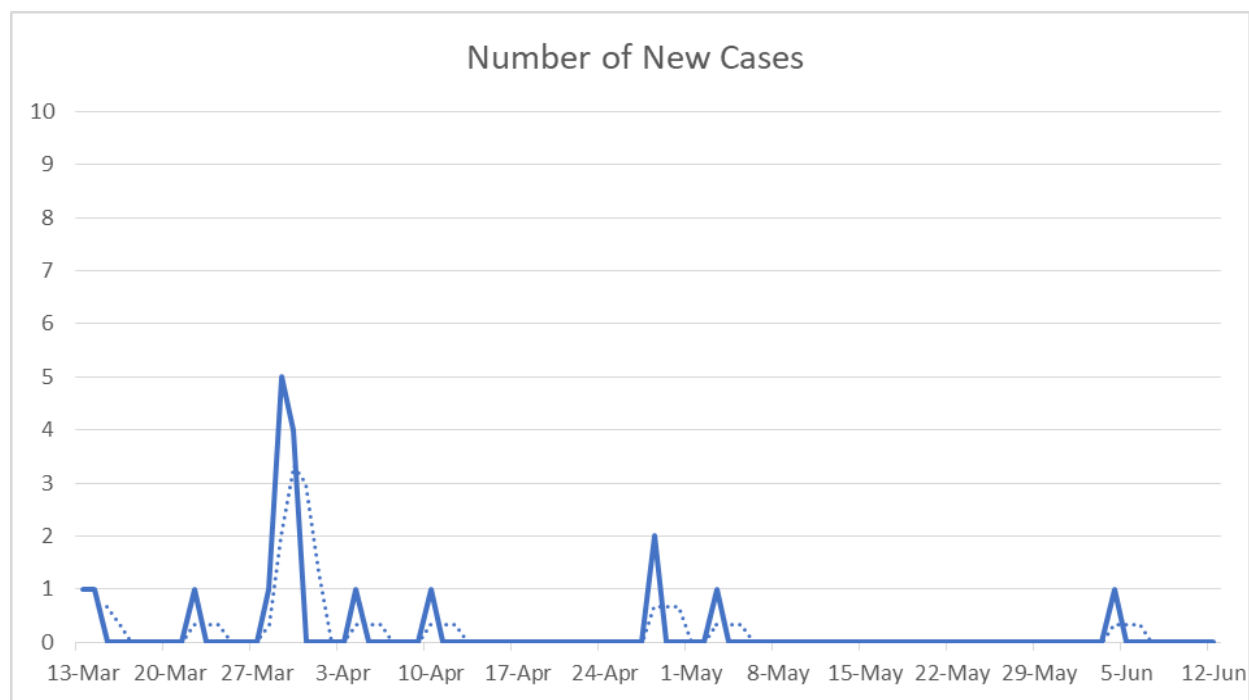
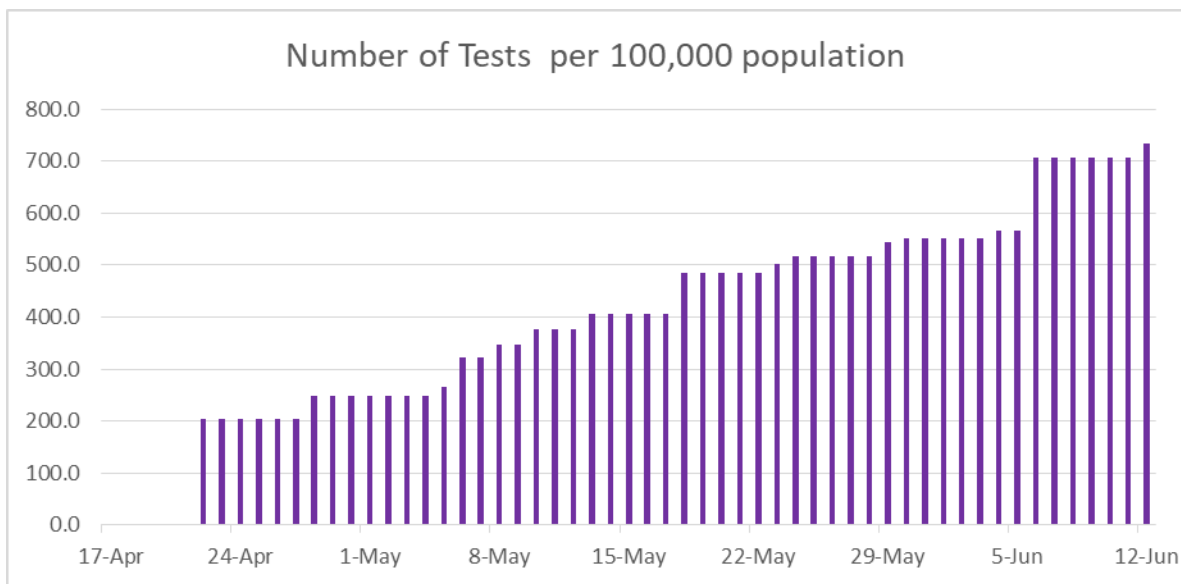


CHART 16A: SAINT LUCIA



Note: There were **no** new cases in Saint Lucia for the period **6-12 June**. During the previous reporting period **30 May- 5 June**, Saint Lucia had **one** new case on **4 June** after a period of **31 days** with no new case.

CHART 16B: SAINT LUCIA

Special Topic Bulletin - COVID 19

CHART 17: ST. KITTS AND NEVIS

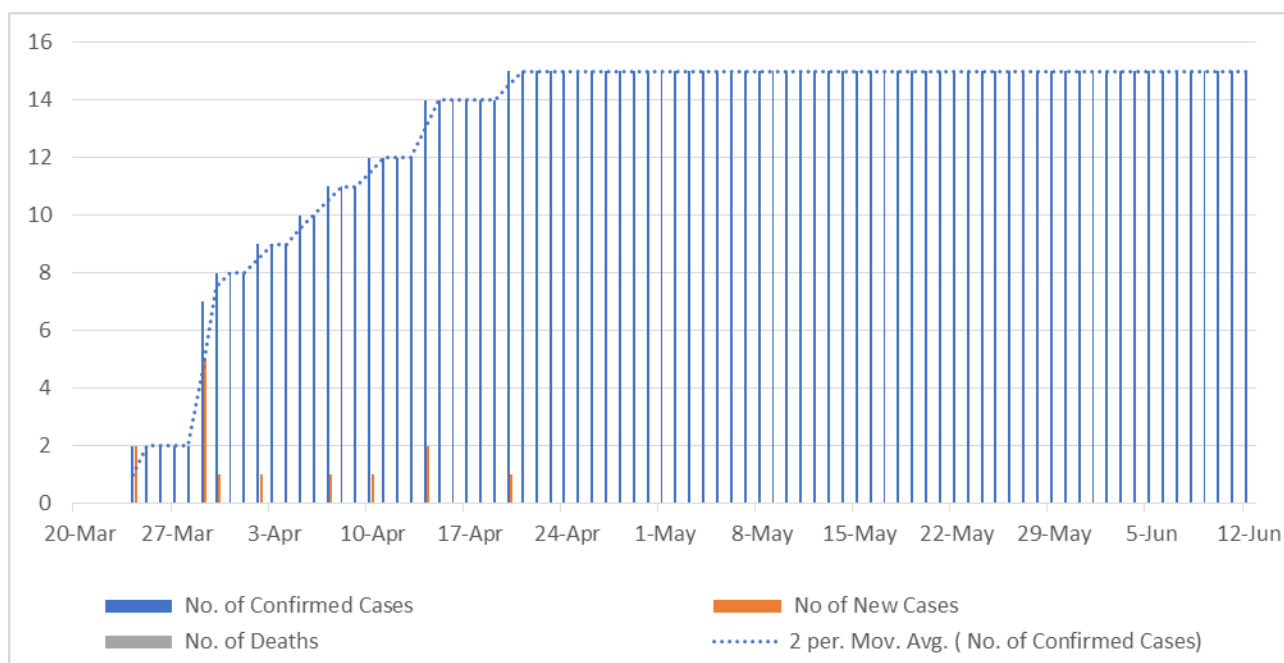
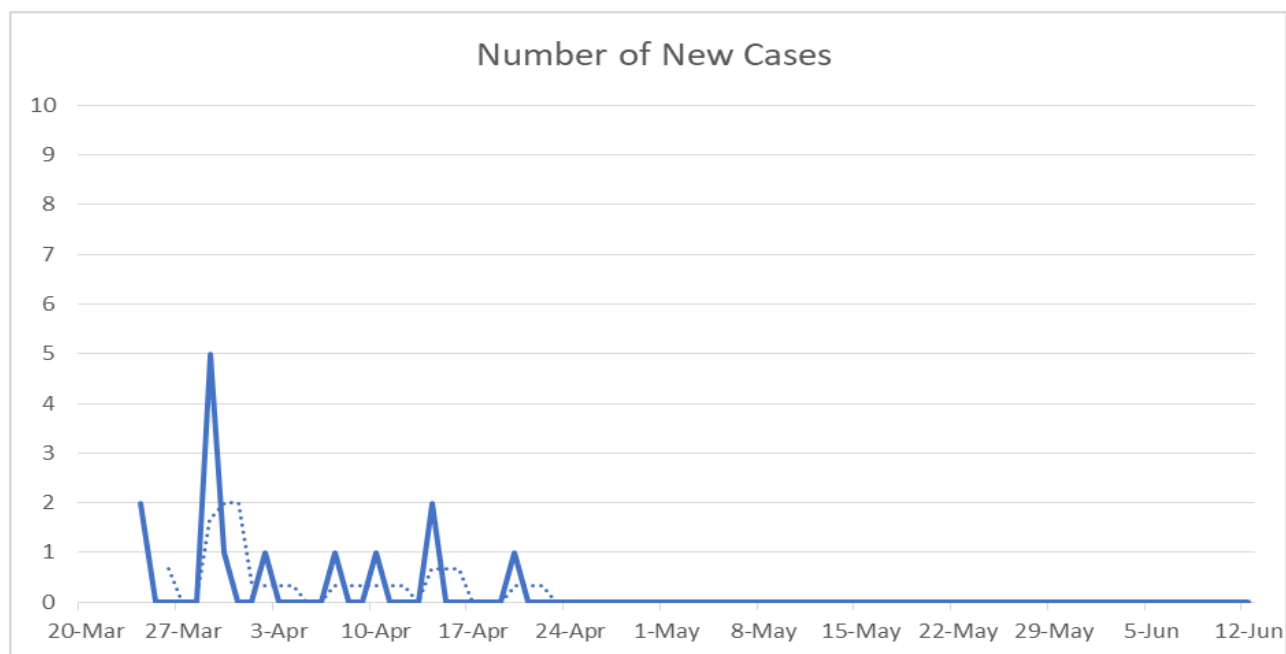


CHART 17A: ST. KITTS AND NEVIS



Note: The last confirmed case of COVID-19 in St Kitts and Nevis was on **20 April** a period of **53** days up to **12 June**.

CHART 18: ST. VINCENT AND THE GRENADINES

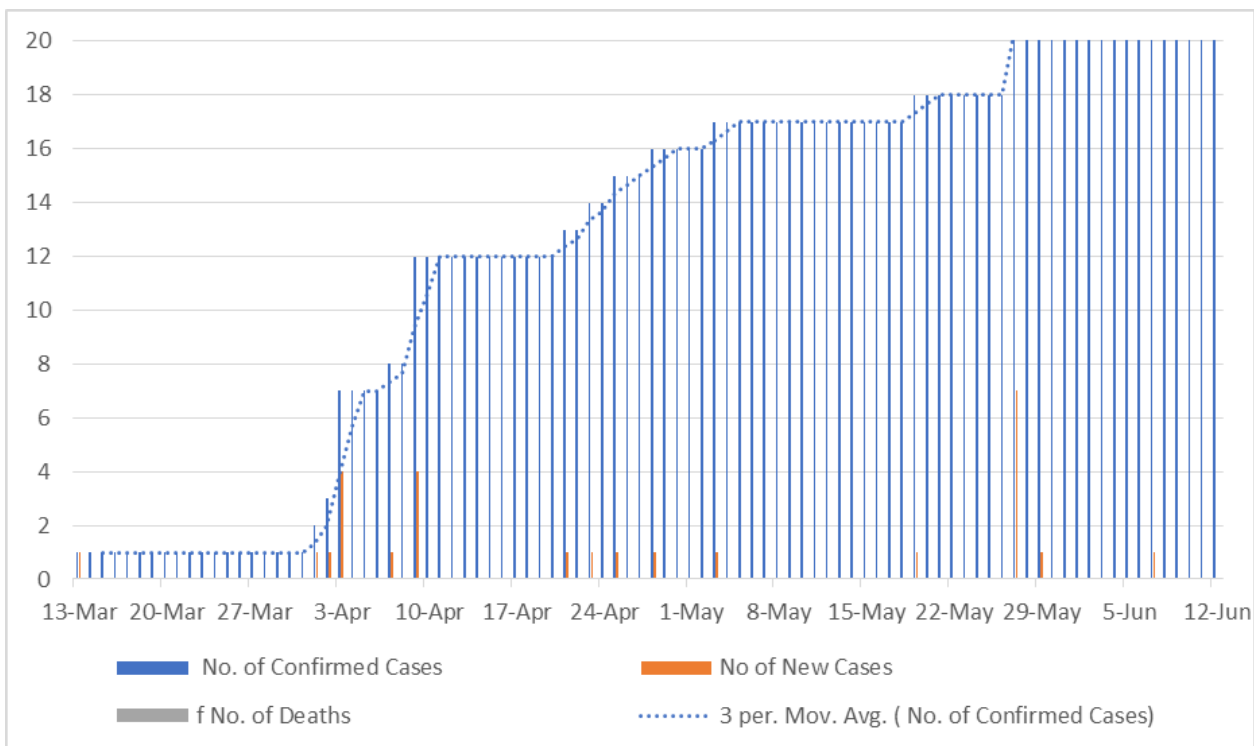
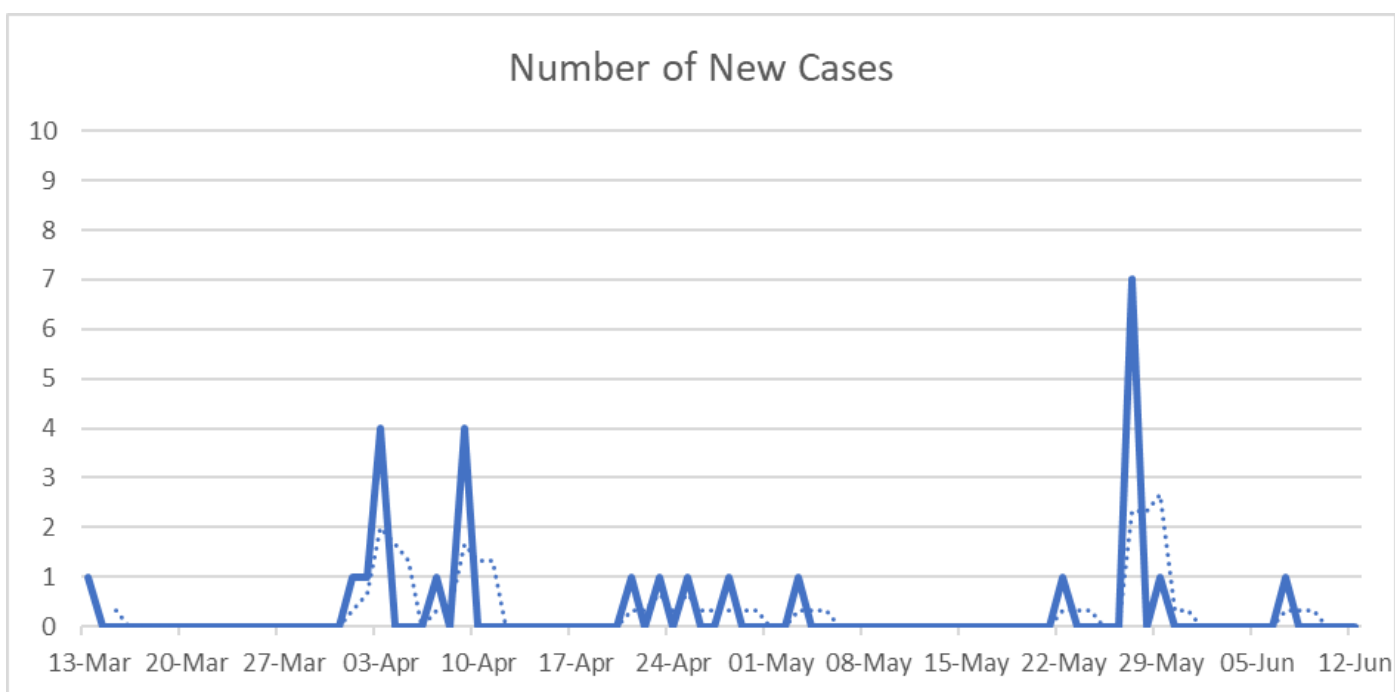
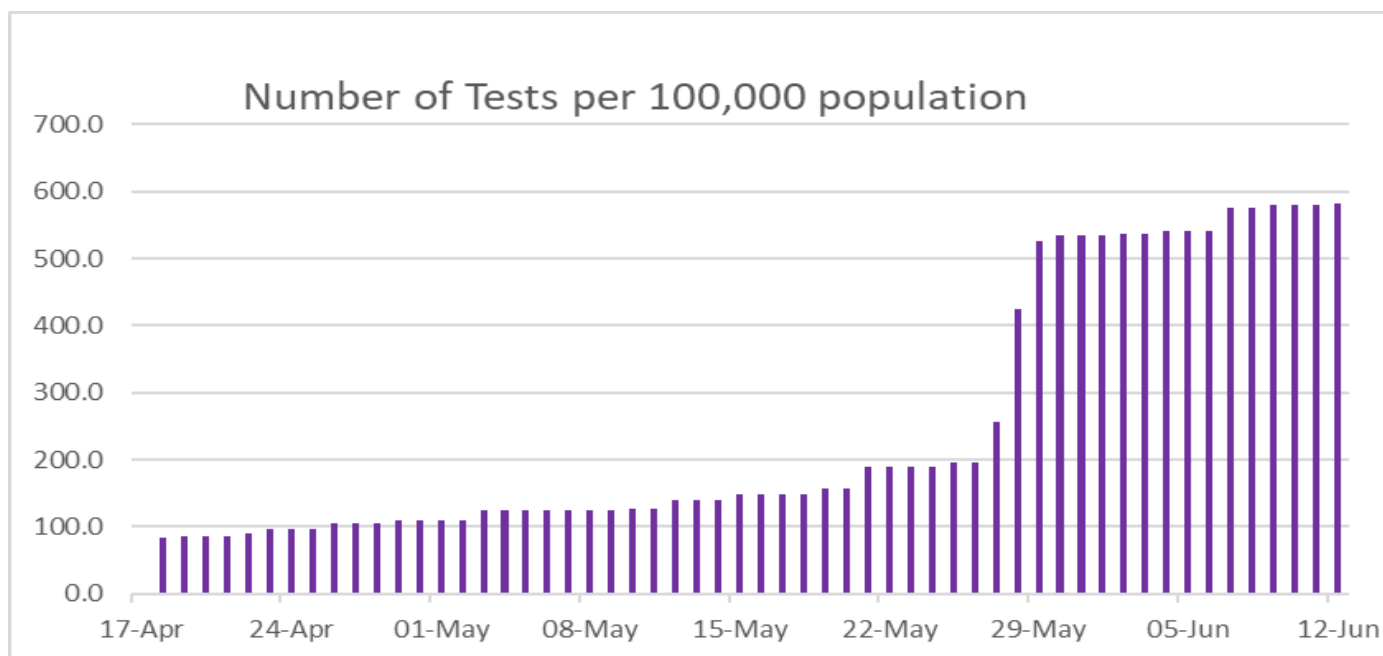


CHART 18A: ST. VINCENT AND THE GRENADINES



Note: There was **one** new case in St. Vincent and the Grenadines during **6-12 June** after having **no** new cases during **30 May—5 June**, and **8** new cases during **23-29 May**. The new cases were primarily due to repatriated crew members (nationals) from a cruise liner.

CHART 18B: ST. VINCENT AND THE GRENADINES

Special Topic Bulletin - COVID 19

CHART 19: SURINAME

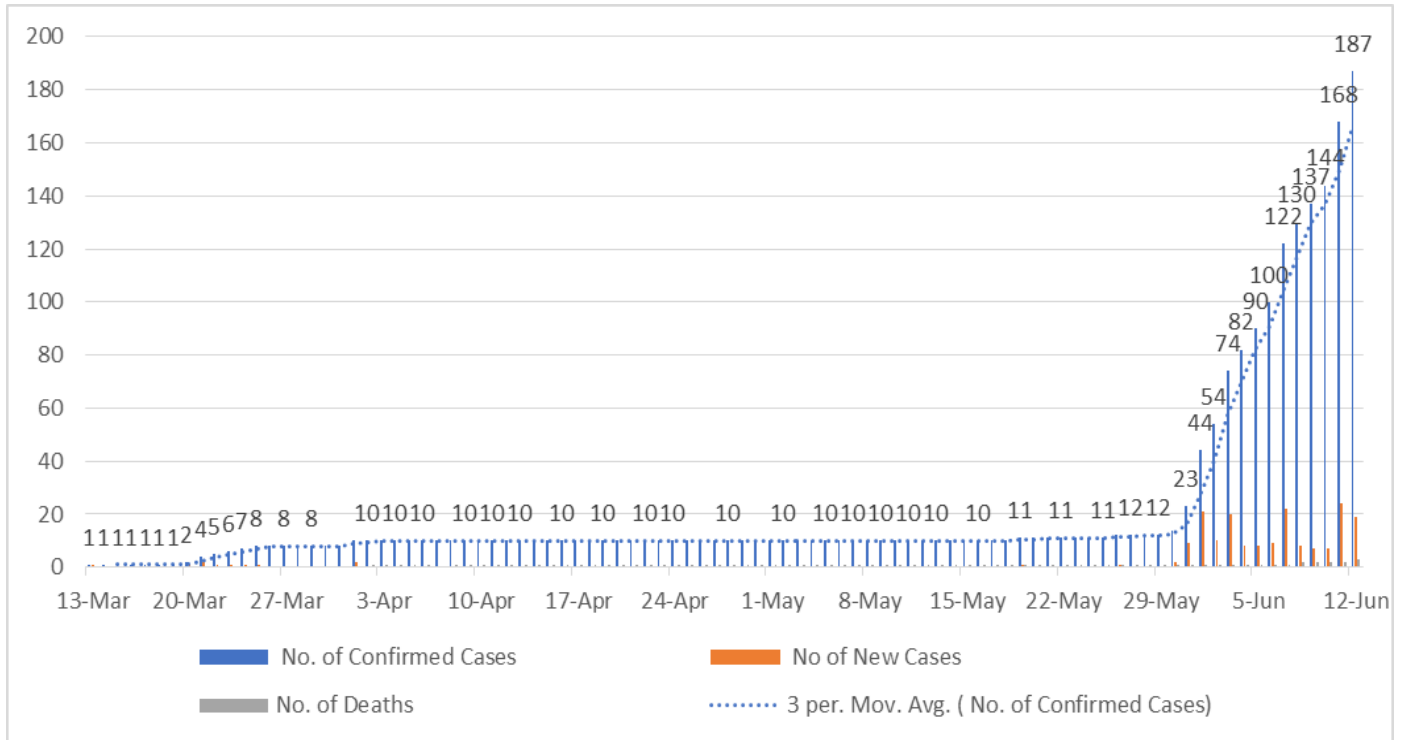
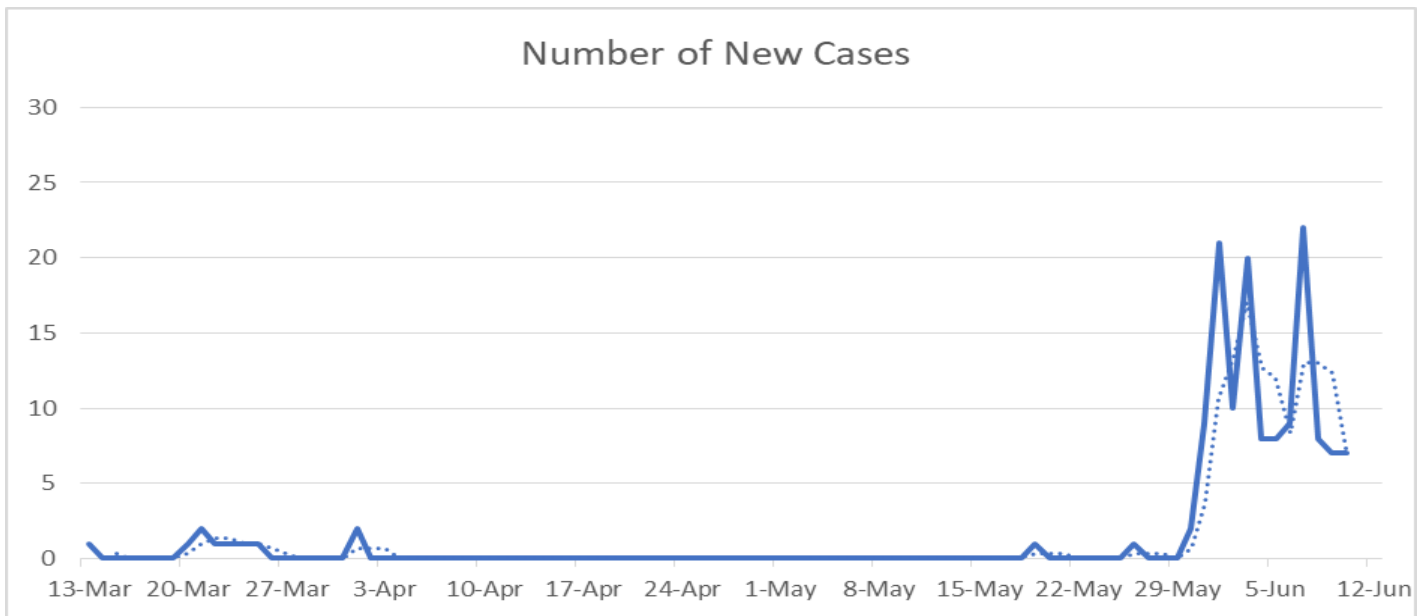
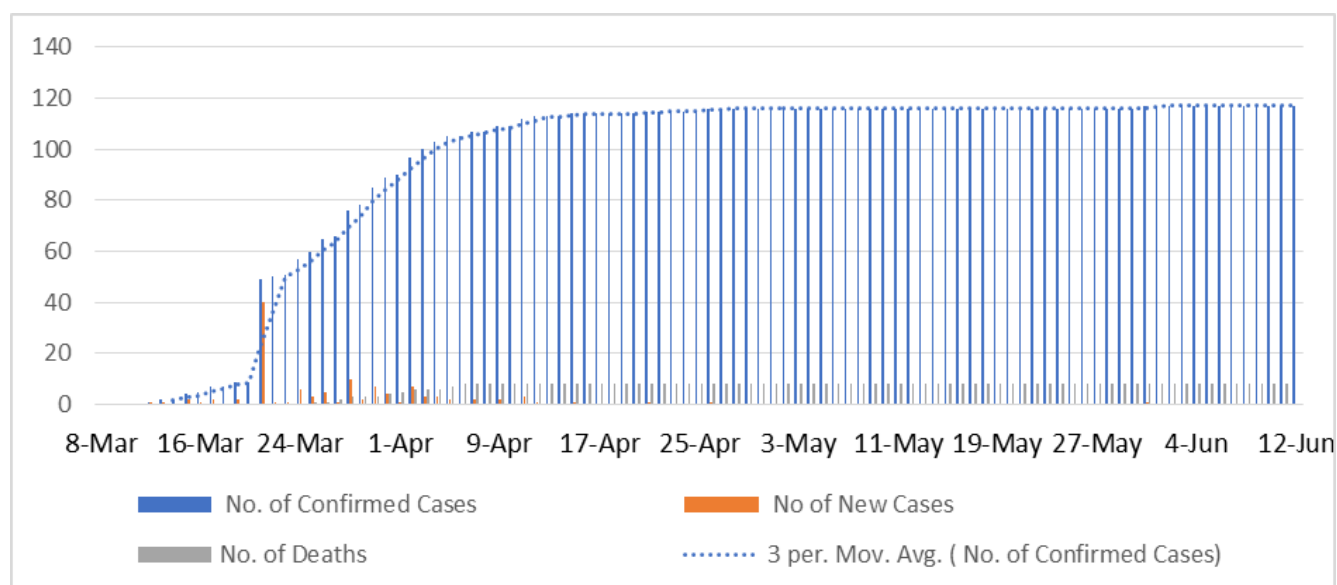
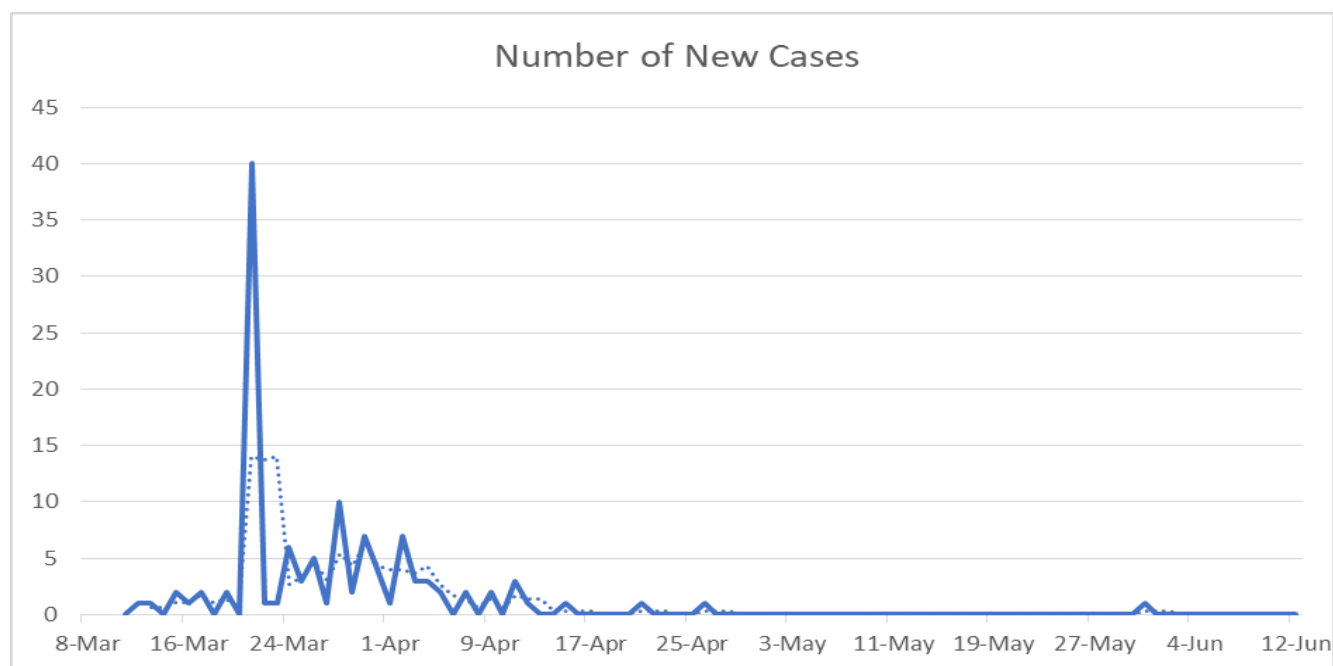


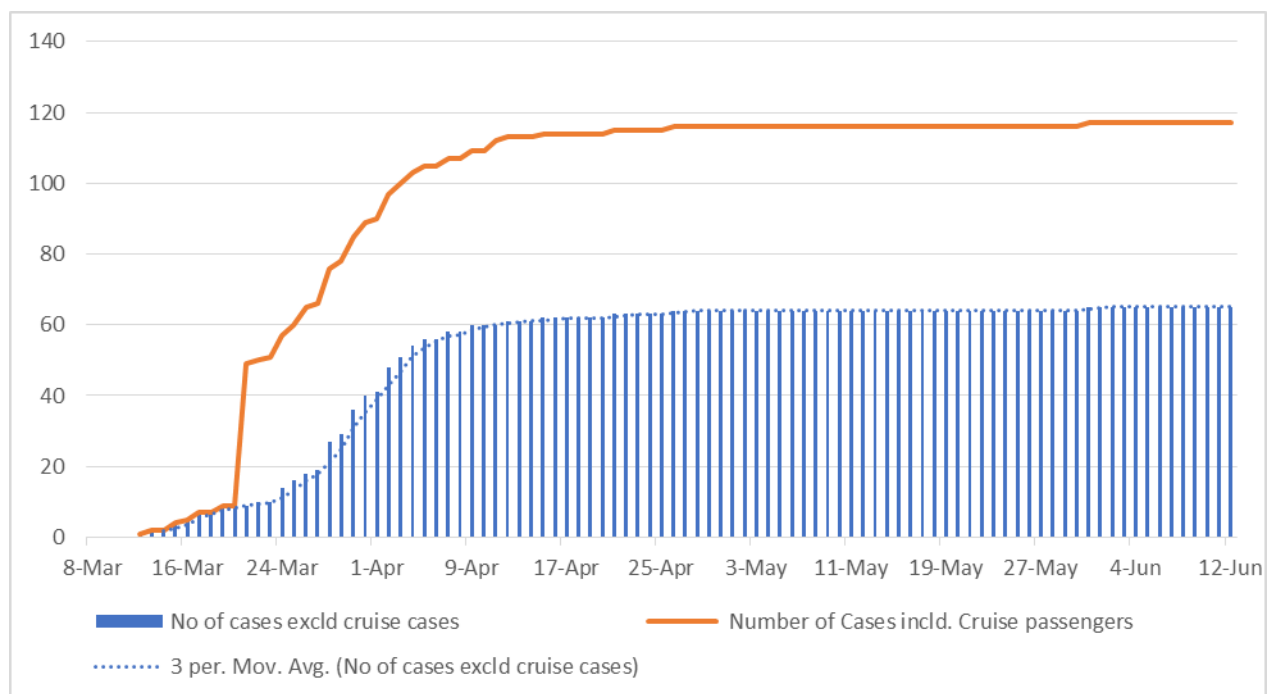
CHART 19A: SURINAME



Note: Suriname had 96 new cases from 6-12 June as compared to 78 new cases from 30 May—5 June. After a period of 47 days without a confirmed case, there was a new case on 19 May and another new case during 23-29 May. The number of confirmed cases for Suriname stood at 187 as at 12 June, after a long period at 10 cases.

CHART 20: TRINIDAD AND TOBAGO –TOTAL CONFIRMED CASES**CHART 20A: TRINIDAD AND TOBAGO**

Note: After **34 days** without a new case, Trinidad and Tobago experienced a new case on **31 May**. There were **no** new cases for the current reporting period **6-12 June**. The number of confirmed cases stood at **117** as at **12 June**.

CHART 20B: TRINIDAD AND TOBAGO - CRUISE PASSENGERS

Special Topic Bulletin - COVID 19

CHART 21: ANGUILLA

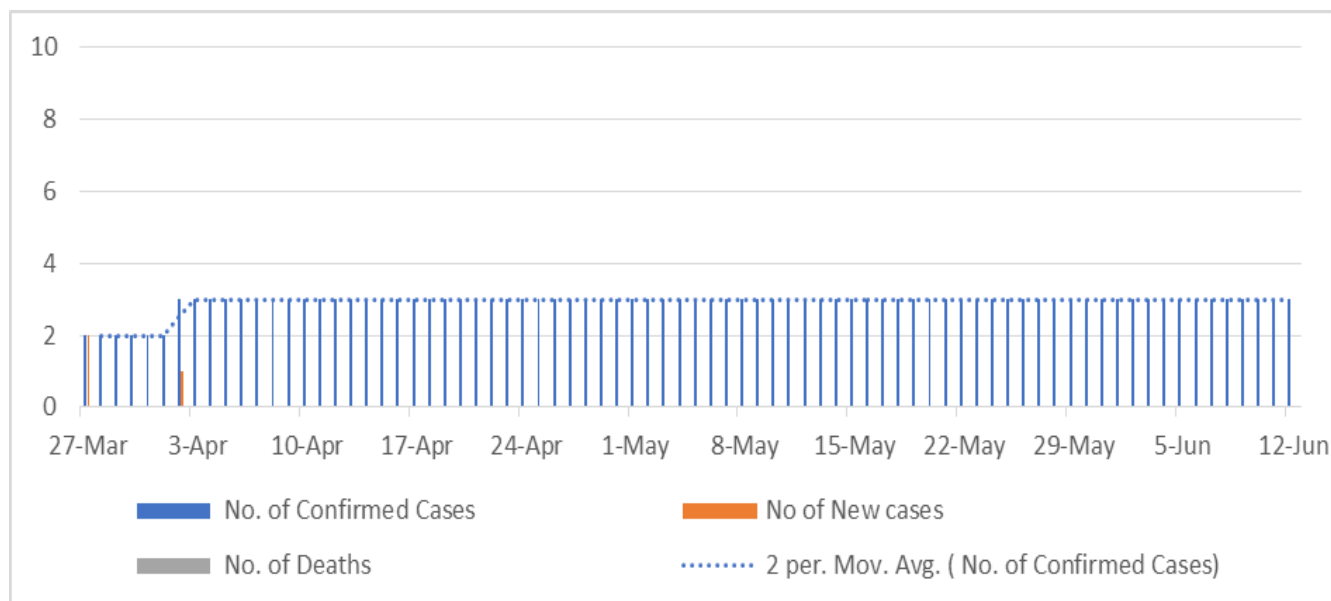
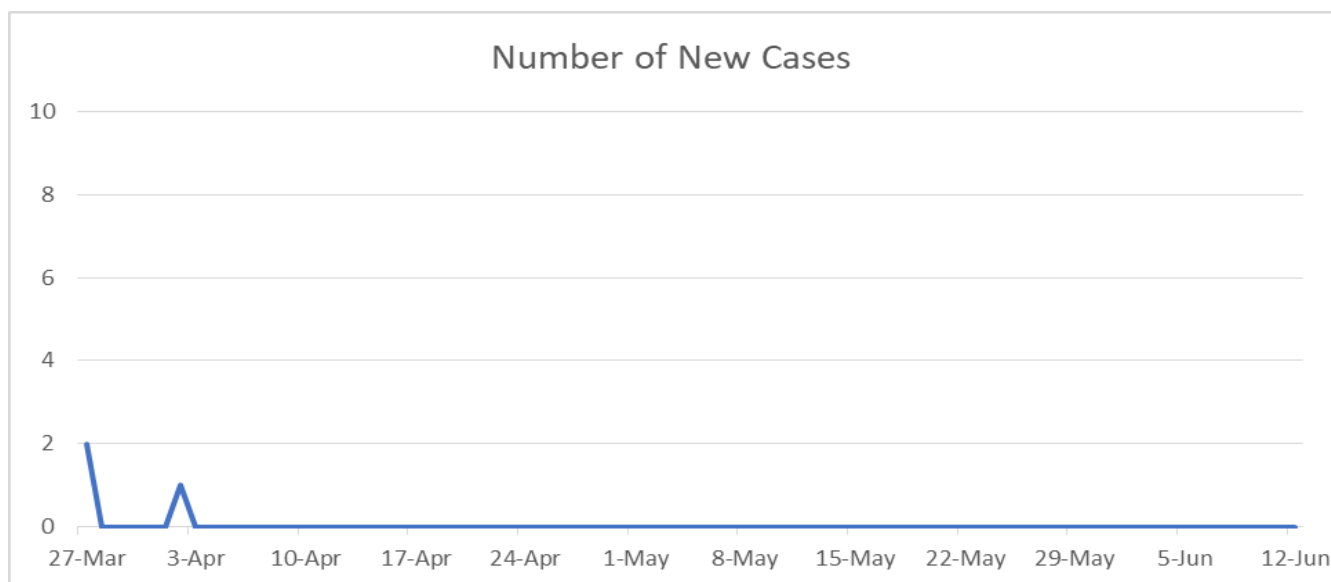
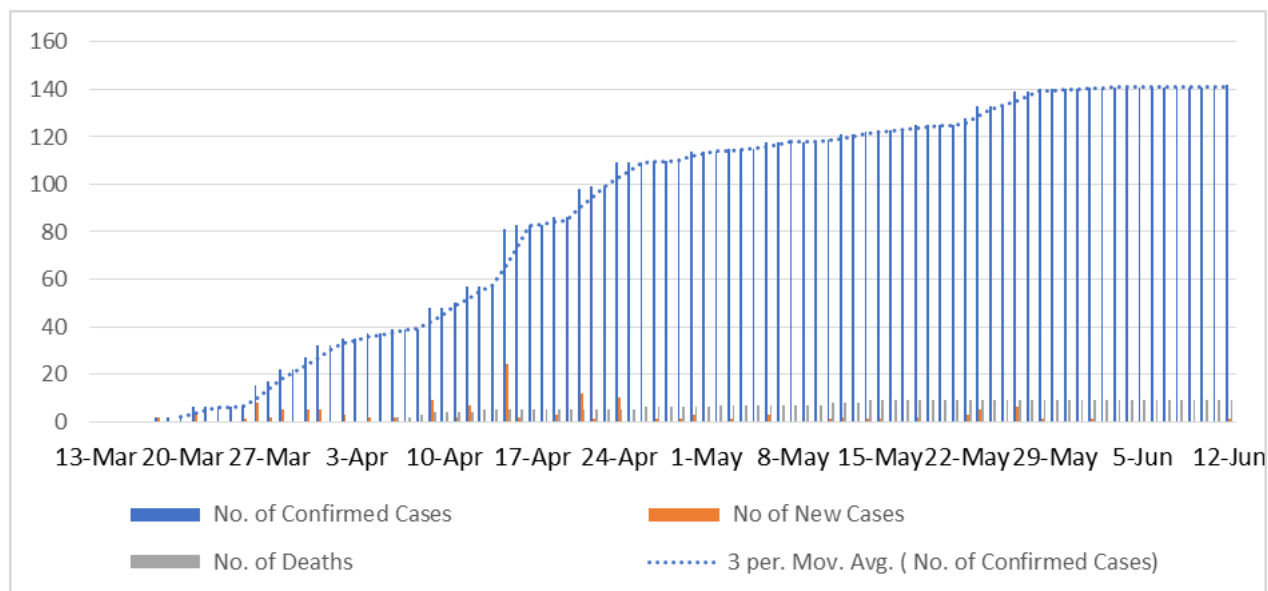
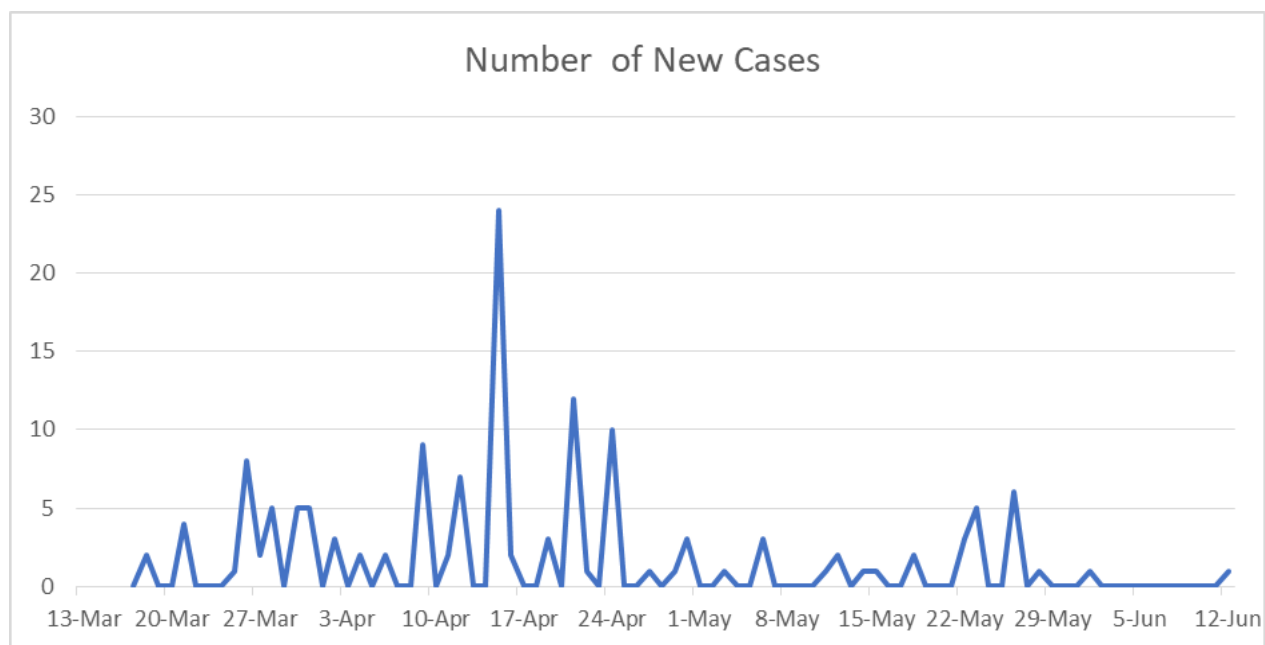


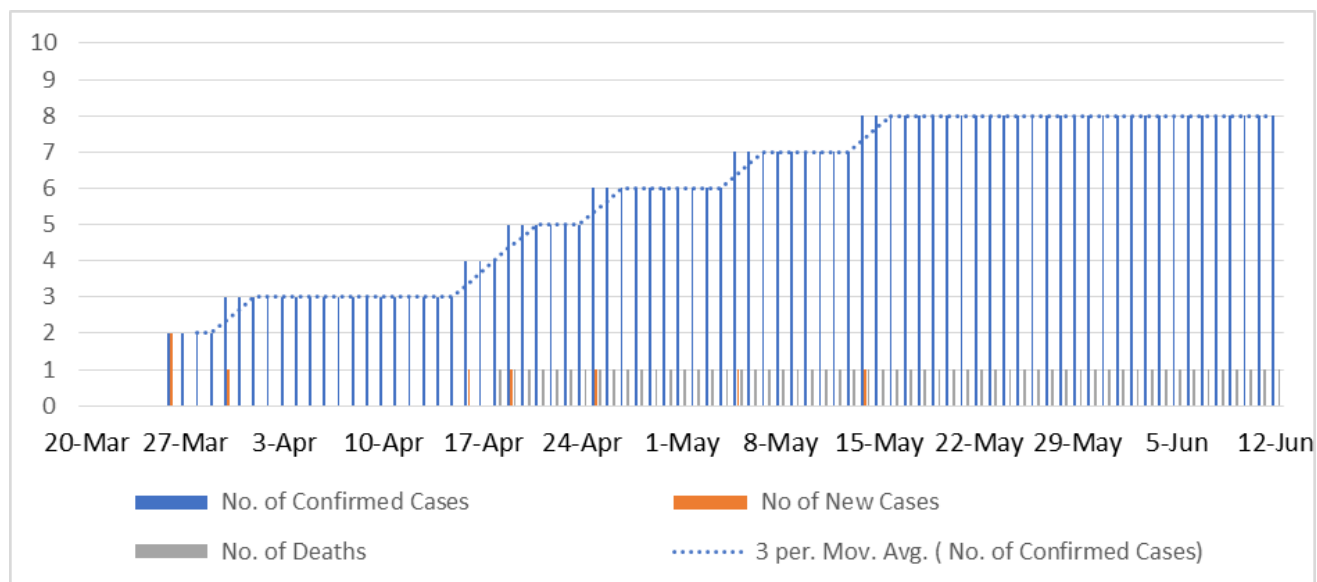
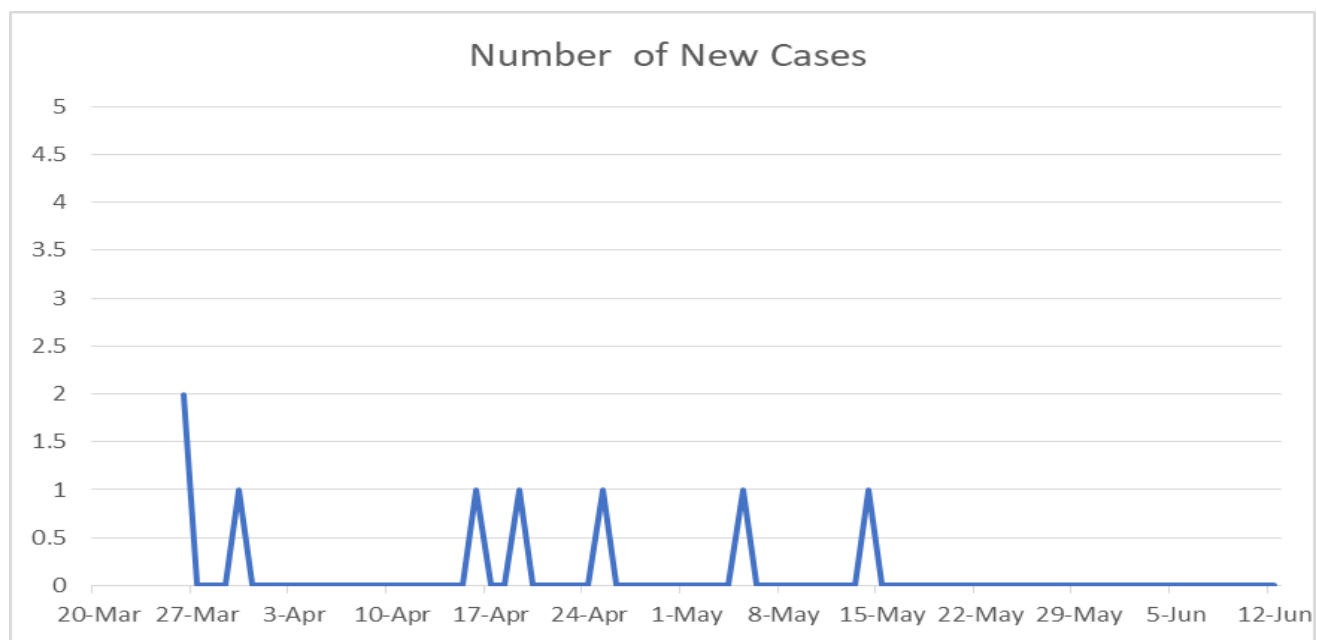
CHART 21A: ANGUILLA



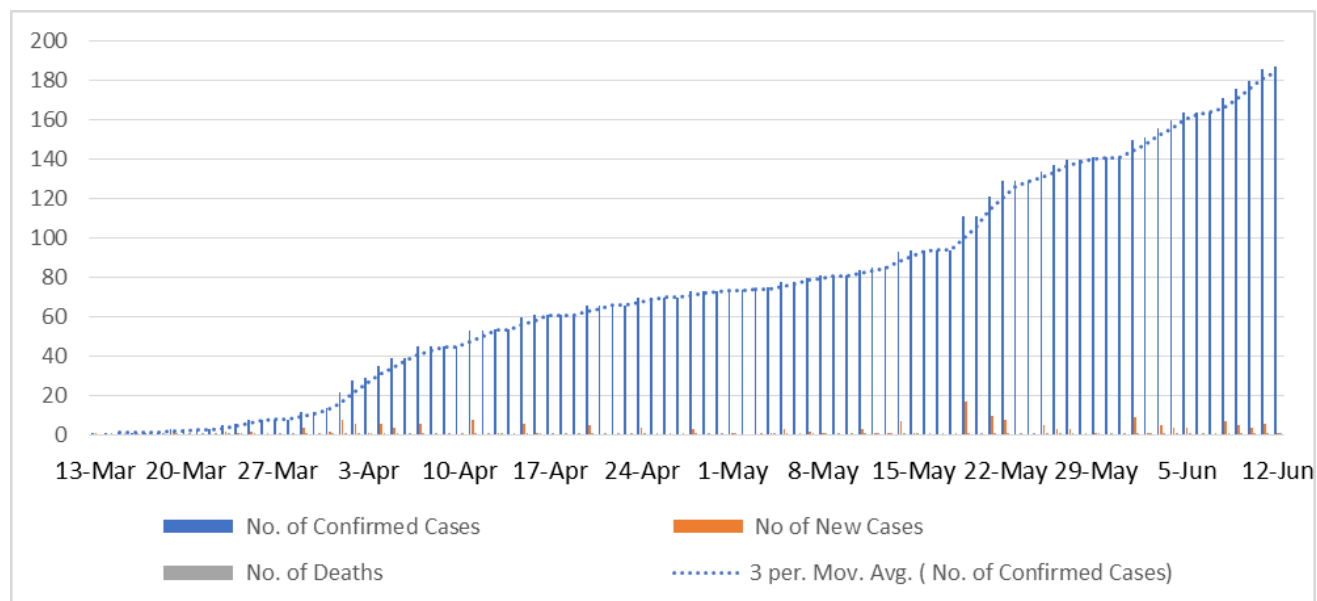
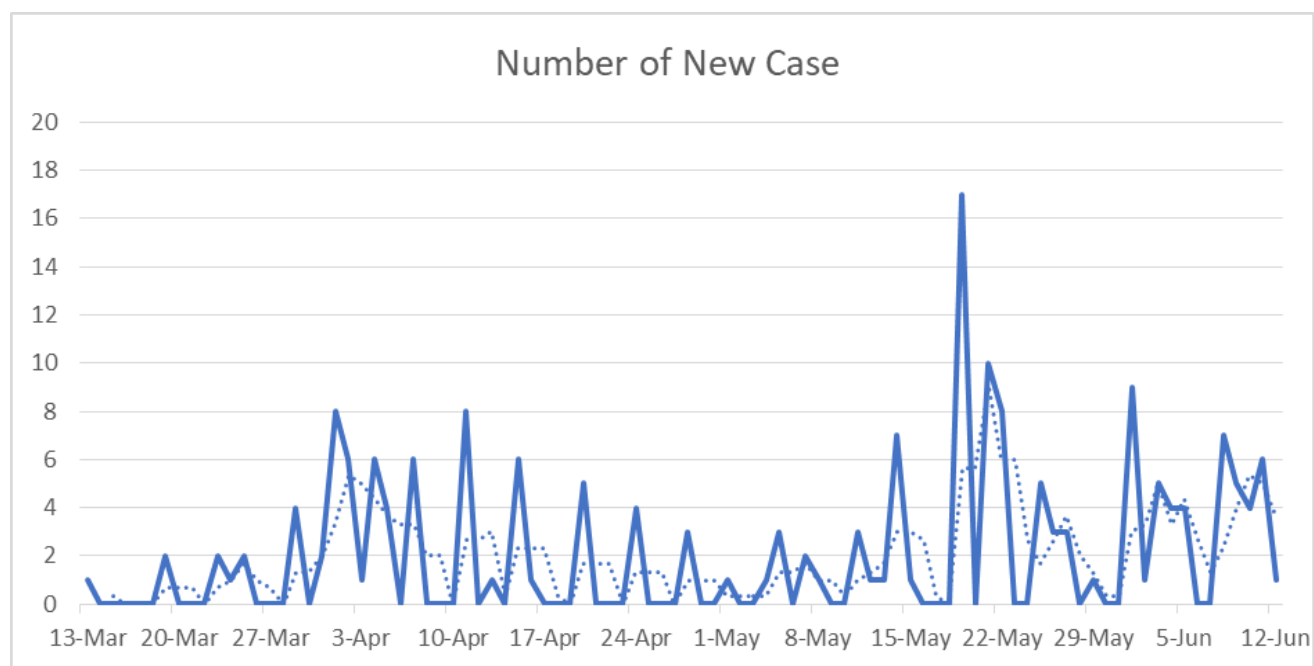
Note: The last positive case of COVID-19 in Anguilla was **2 April**, a period of **71 days** up to 12 June.

CHART 22: BERMUDA**CHART 22A: BERMUDA**

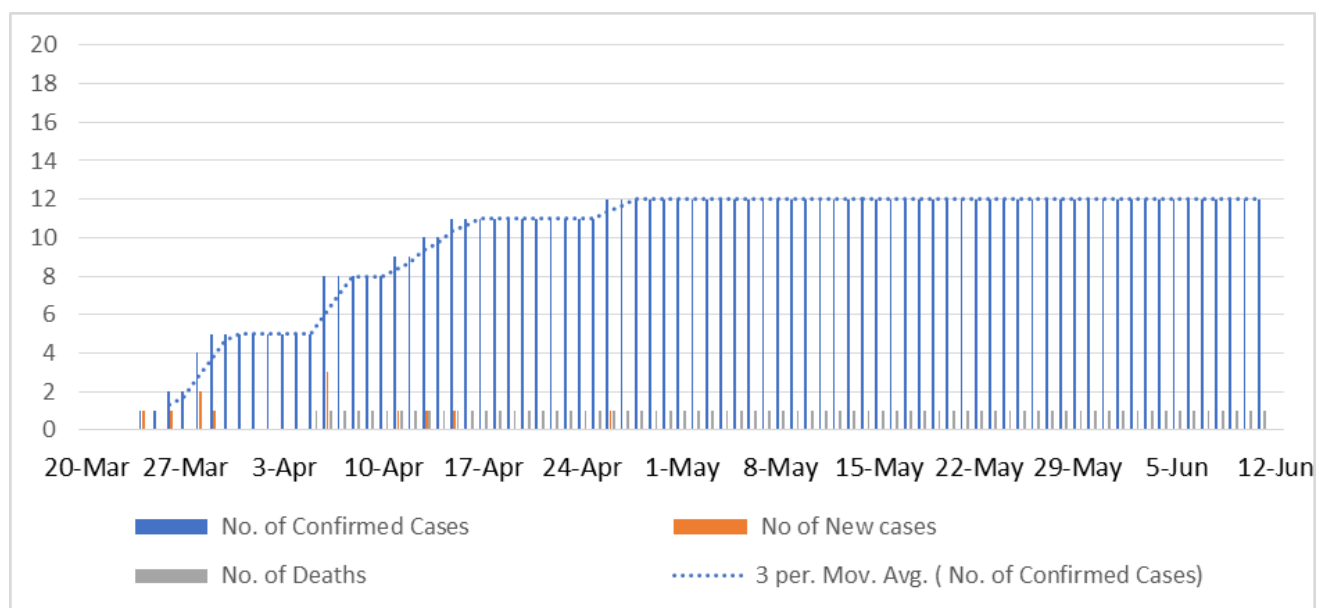
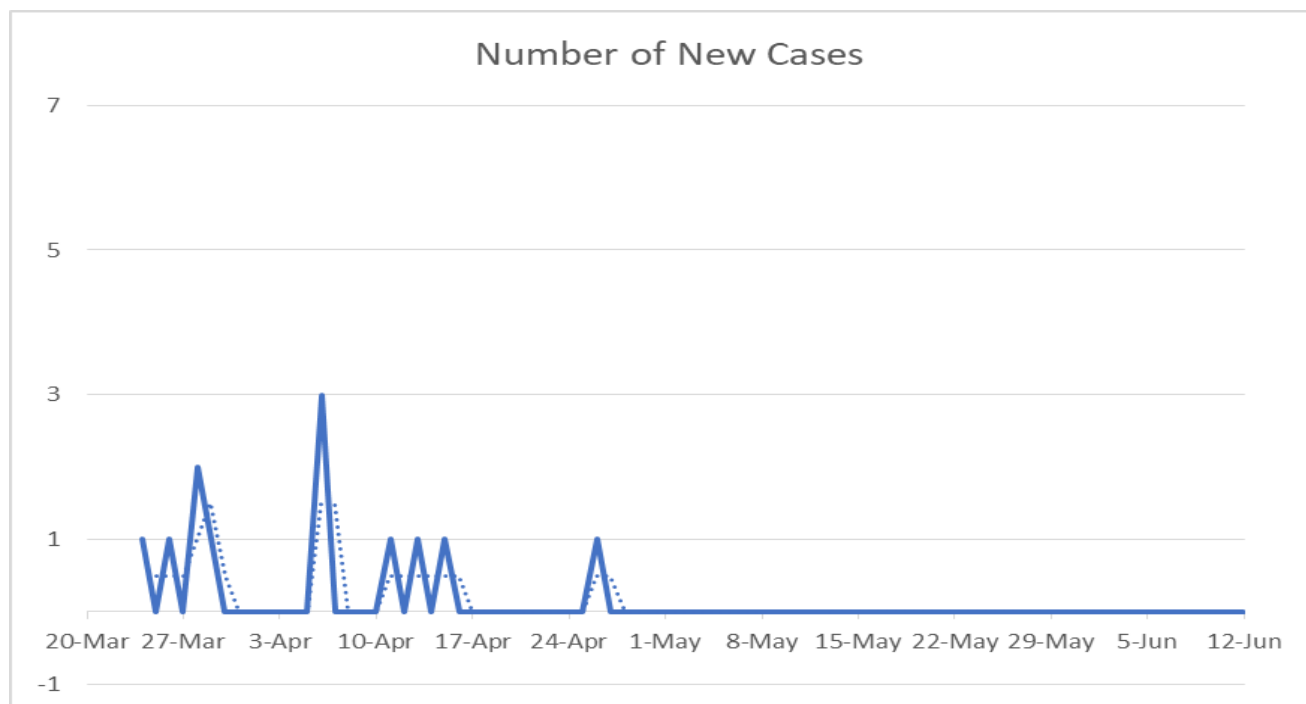
Note: Bermuda had **one** new case during the current reporting period **6-12 June**. There was also **one** new case during **30 May -5 June** and **12** new cases during **23-29 May**. The number of confirmed cases for Bermuda stood at **142** as at **12 June**.

CHART 23: BRITISH VIRGIN ISLANDS**CHART 23A: BRITISH VIRGIN ISLANDS**

Note: There were **no** new cases in the British Virgin Islands during **6-12 June** following a same pattern for the period **30 May-5 June**, the last positive case was on **14 May**.

CHART 24: CAYMAN ISLANDS**CHART 24A: CAYMAN ISLANDS**

Note: There were **23** new cases in Cayman Islands during **6-12 June**, the same as for the period **30 May-5 June**. There were **12** new cases during **23-29 May**, **35** new cases from **16-22 May** and **13** new cases for the period **9-15 May**. The number of confirmed cases stood at **187** as at 12 June.

CHART 25: TURKS AND CAICOS ISLANDS**CHART 25A: TURKS AND CAICOS ISLANDS**

Note: The last confirmed case in Turks and Caicos Islands was on **26 April**, a period of **47 days** as at **12 June**.

Special Topic Bulletin - COVID 19

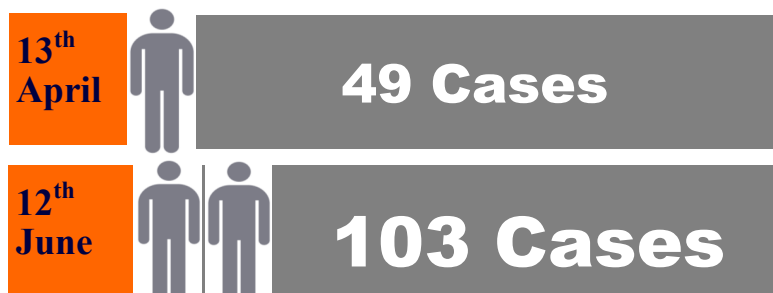
TABLE 8: TREND IN DOUBLING TIME –CARICOM AND SELECTED COUNTRIES

COUNTRY	PERIOD	NO. OF CASES	NO. OF DAYS
ALL COUNTRIES	11 Apr 1 May	613 1231	20
	14 Apr 8 May	688 1376	24
	17 Apr 15 May	809 1589	28
	25 Apr 22 May	1064 2142	27
	11 May 29 May	1465 2946	18
	16 Apr 29 May	738 1503	43
	22 May 5 June	2142 4375	14
	19 Apr 5 June	809 1634	47
	28 May 12 June	2814 5728	15 Rate: 2.04
	22 Apr 12 June	901 1787	51 Rate: 1.98
Haiti	15 Apr 1 May	41 81	16
	23 Apr 8 May	62 129	15
	8 May 15 May	129 273	7
	17 May 22 May	358 734	5
	22 May 29 May	734 1443	7
	28 May 5 June	1320 2740	8
	31 May 12 June	1865 3941	12 Rate: 2.1
Suriname	1 June 5 June	44 91	4
	5 June 12 June	91 187	7 Rate: 2.1

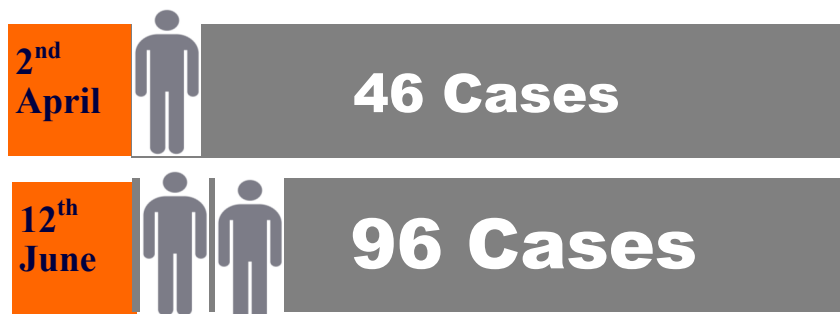
DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

The Bahamas

Doubling (2.1) 60 days

**Barbados**

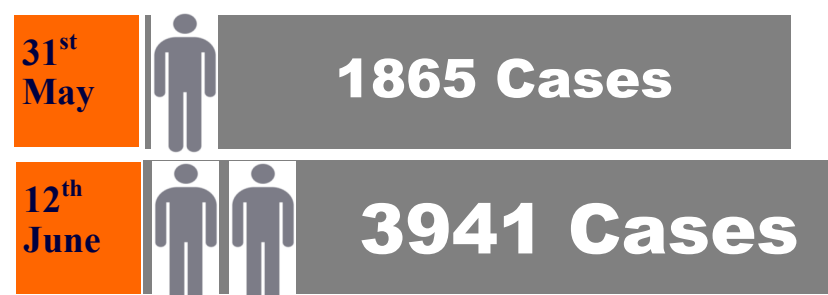
Approx. Doubling(2.1) 71 days

**Guyana**

Approx. Doubling (2.04) 44 days

**Haiti**

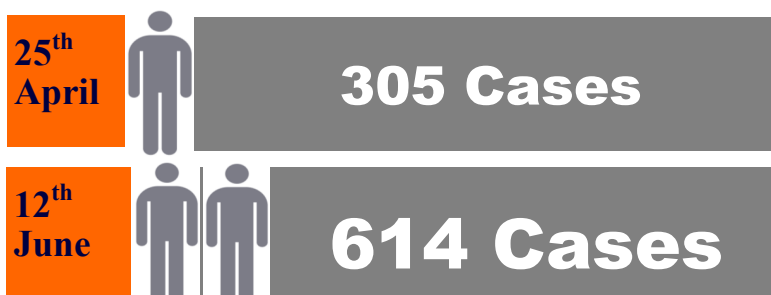
Doubling (2.1) - 12 days



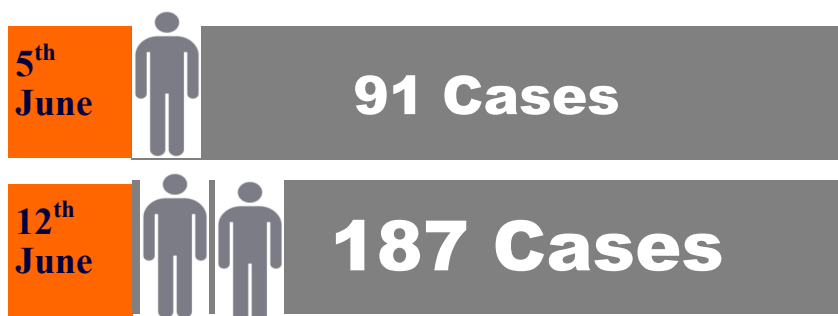
DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

Jamaica

Approx. Doubling (2.01) 48 days

**Suriname**

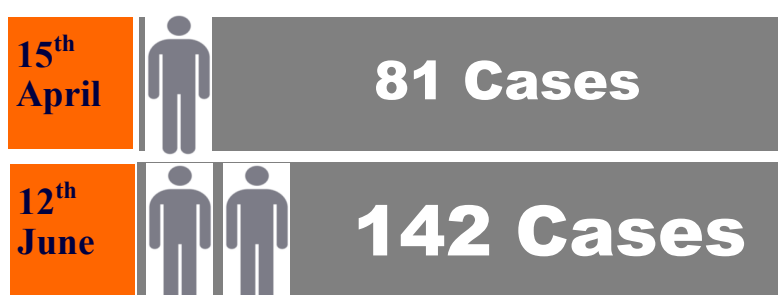
Approx. Doubling(2.1) 7 days

**Trinidad and Tobago**

Doubling (2.1) 80 days

**Bermuda**

Approx. Doubling (1.8) - 58 days



DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

Cayman Islands

Approx. Doubling (2.01) 29 days

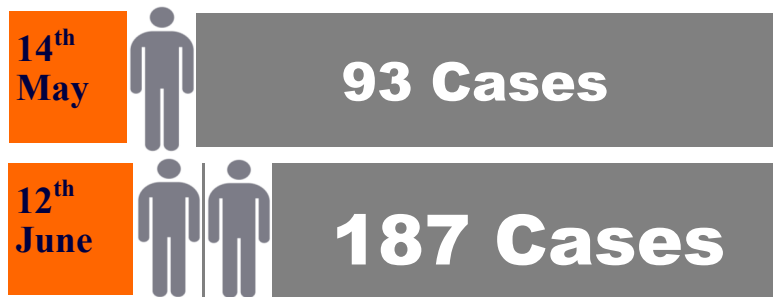


TABLE 9: EXPLANATIONS

Key Term/Issues	Explanation
Data on Testing	<p>Testing for the occurrence of COVID-19 provides an understanding of the pandemic. It tells us how the virus is spreading. Testing should be able to tell us about the total number of cases or persons infected. However given the availability or lack thereof of equipment for testing and the establishment of protocols in many countries that invariably implies that persons should fulfil stated criteria to qualify to be tested, it is likely that the total number of cases are unknown.</p> <p>This data set on testing has increasingly become available for most CARICOM countries with some countries consistently reporting this information. A possible difference in the data is that the tests are performed in different testing laboratories across countries. In some cases testing is done for countries or validated by the Caribbean Public Health Agency (CARPHA) while in other cases they are conducted at national laboratories. Another difference is that tests may include repeated testing for confirmed cases to determine whether these persons have recovered. It is also possible that different types of tests are being reported.</p> <p>Why is data on testing needed?</p> <p>The simple answer is that without data on tests conducted on the COVID-19 we cannot possibly understand how the pandemic is progressing, and which contacts to trace and to quarantine.</p>
Projections	<p>The projections in this and previous Issues largely rely on using observed doubling rates, the rates of change of the latest period of data (prior to the estimation) or using fitted trend lines. No sophisticated modelling has been utilised.</p> <p>For example in the case of Chart 2, a linear projection is undertaken and the equation of that straight line is given as follows:</p> $y = -103.42 + 25.045 x$ <p>Where y represents the number of confirmed cases and x the number of time periods from the commencement of the first case.</p> <p>Simply put, it is possible to use this equation to obtain predicted values. Assuming that it is necessary to calculate the number of predicted cases on the 29th April as per the linear trend, the number of time periods (x- value) from the 10 March is roughly 50 so the predicted value works out as follows:</p> $y_p = -103.42 + 25.045 \times 50 = 1252.25 - 103.42 = 1148.83.$ <p>The actual value for this same period is 1178 confirmed cases.</p>

TABLE 9: EXPLANATIONS

Key Term/Issue	Explanation
Number of Cases per 100, 000 population	<p>The number of cases per 100,000 population is calculated by dividing the number of cases by the total population, and then multiplying the result by a standard population size in this case 100,000.</p> $Rate = \frac{No. of Confirmed Cases}{Total Population} \times 100,000$ <p>It is useful for comparing countries/regions of varying population sizes</p> <p>For very small values/small populations these rates may be unstable.</p>

KEY REGIONAL AND INTERNATIONAL LINKS ON COVID-19

CARICOM Today:- <https://today.caricom.org/covid19/regional/>

Regional Statistics Programme (RSP): http://statistics.caricom.org/covid19_bulletin.html

UN DATA HUB:- <https://covid-19-response.unstatshub.org/useful-links/international-organisations-resources/>

CARPHA (Caribbean Public Health Agency) - <https://carpha.org/What-We-Do/Public-Health/Novel-Coronavirus>

Article: Tracking the Covid-19 Pandemic in CARICOM– Statistics of a Pandemic

<https://today.caricom.org/2020/05/04/tracking-covid-19-pandemic-in-caricom/>

Please note that this Newsletter will be on the Regional Statistics Programme's (RSP) website as well as on the UN Data Hub.

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