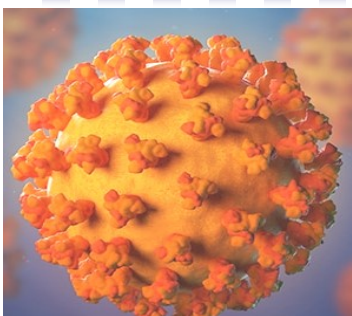


Stats News & Views



Special Topic Statistical Bulletin - COVID-19

Issue 13, 19 June 2020

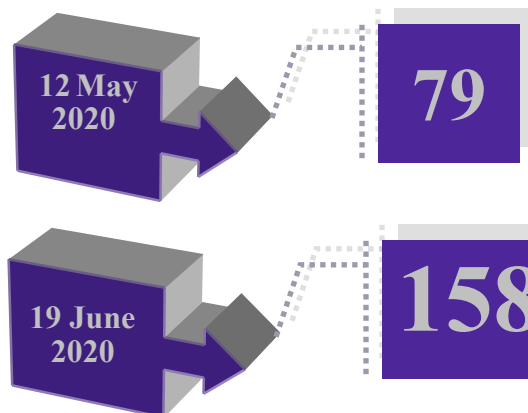
The **Special Topic Statistical Bulletin on COVID 19 in CARICOM Countries Issue 13**, provides an update of the trajectory of COVID-19 in the CARICOM Region up to **19 June 2020**. The Bulletin provides information on the pattern of the disease of the total number of confirmed cases, new cases and deaths 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. All the Projections have been further updated and projected values have been estimated for 19 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. *Guyana now has the number of confirmed cases by sex available for this reporting period.* 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.
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 5728	13 th 5740
14 th 5986	15 th 6156	16 th 6316	17 th 6452	18 th 6633	19 th June 6,895	



Total number of deaths
**increased by 79 in 38
days**
(12 May - 19 June) at a rate of 2.0



Doubling Rate With Haiti

Total number of confirmed cases
increased by

3,500

over **19 days**
[31 May - 19 June]
2.03

Doubling Rate Without Haiti

Total number of confirmed
cases increased by

987

over **55 days**
[25 April (992)- 19 June 1979]]
1.99

Special Topic Bulletin - COVID 19

TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 8 MAY - 19 JUNE 2020

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
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
13-Jun	5740	12	133
14-Jun	5986	246	139
15-Jun	6156	170	144
16-Jun	6316	160	148
17-Jun	6452	136	152
18-Jun	6633	181	156
19-Jun	6895	262	158

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 March— 7 May 2020.

What do we learn from the Data?

[as at 19 June 2020]

The number of confirmed cases moved from **5728** as at **12 June** to **6895 cases on 19 June**. The number of deaths moved from **133** to **158**. There were **1167 new cases** (compared to **1353** cases for the previous period) and **25** new deaths.

Recoveries as at **19 June** stood at **1368** and active cases at **5367** as compared to **1208** and **4385** respectively on 12 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*];

- ★ There are now **eight (8) countries** with no actives as at **19 June** as compared to **6** in the previous reporting period. The countries with no active cases are :- *Anguilla, Antigua and Barbuda, British Virgin Islands, Dominica, Grenada, Montserrat, St Kitts and Nevis and Turks and Caicos Islands* ;
- ★ **Three (3) countries- Belize (3), Saint Lucia (1) St Vincent and the Grenadines (3)** now have **1-3** active cases as at **19 June**;
- ★ **Three (3) countries— Barbados (5), Bermuda (5) and Trinidad and Tobago (6)** have **5-6** active cases;
- ★ **The Bahamas (19)** has less than **25** active cases;
- ★ **Guyana (69) and Cayman Islands (51)** have **25-100** active cases;
- ★ **Suriname (213), Jamaica (184) and Haiti (4808)** have over 100 active cases.

Recoveries

- ★ As implied earlier, there are **eight** countries for which all active cases have recovered;
- ★ Among the recoveries **Jamaica** had **458** recoveries as at **19 June**, **Cayman Islands, 143, Bermuda, 132, Guyana, 102, Barbados, 85, The Bahamas, 74** and **Haiti, 24**. **Trinidad and Tobago**, which now has 6 active cases, has **109** recoveries.

Confirmed Cases

- ★ In absolute terms the countries with the highest numbers of Confirmed Cases are **Haiti, 4916, Jamaica with 652, Suriname, 293, Cayman Islands, 195, Guyana, 183 Bermuda, 146, Trinidad and Tobago, 123, The Bahamas 104, Barbados, 97 and St Vincent and the Grenadines, 29**;
- ★ In rates per 100,000 population for countries **with 25 plus cases**, **Cayman Islands** has the highest rate with **296.29**, **Bermuda** is second with **228.22** followed by **Suriname** with **50.26**, **Haiti, 43.08, Barbados, 35.32. Montserrat (under 25 cases)** has a rate of **220 (11 cases)**;
- ★ The rate for **Jamaica** is **23.9**; **Guyana, 24.7** and **St Vincent and the Grenadines, 26.13** [Please see Table 2 for rates for other countries].

Deaths

- ★ **Haiti** has the highest number of deaths with **84**, an increase of **20** from 12 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 **5** new deaths with the total deaths for this country being **8**;
- ★ 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 **0.74 (84)**;
- ★ 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 **10.6** percent. **Haiti** has a case fatality rate of **1.7** percent and Suriname is at **2.7 percent** .

Testing- [Tracking the pandemic]

- ★ **Cayman Islands** continues to have the best testing record with a rate of **30,951.3 tests per 100,000 population**, (**20,370** tests) followed by **Bermuda, 15,236.1 (9,747 tests)** and **Barbados, 2,674.5 (7,343 tests)**; Jamaica has now conducted **19,617** tests with a rate of **719.2** as at **19 June**. Cayman also leads in the number of tests conducted.

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CHART 1: SUMMARY ALL COUNTRIES - NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS – 10 MARCH - 19 JUNE 2020

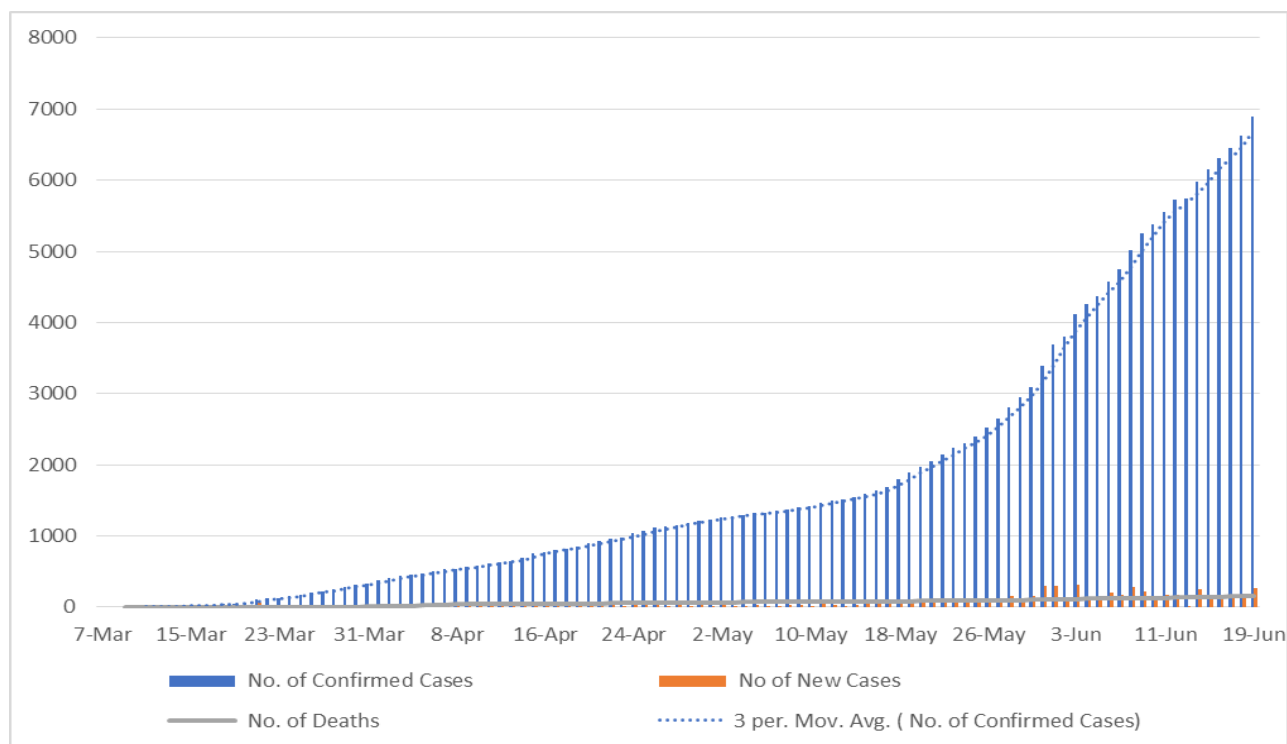
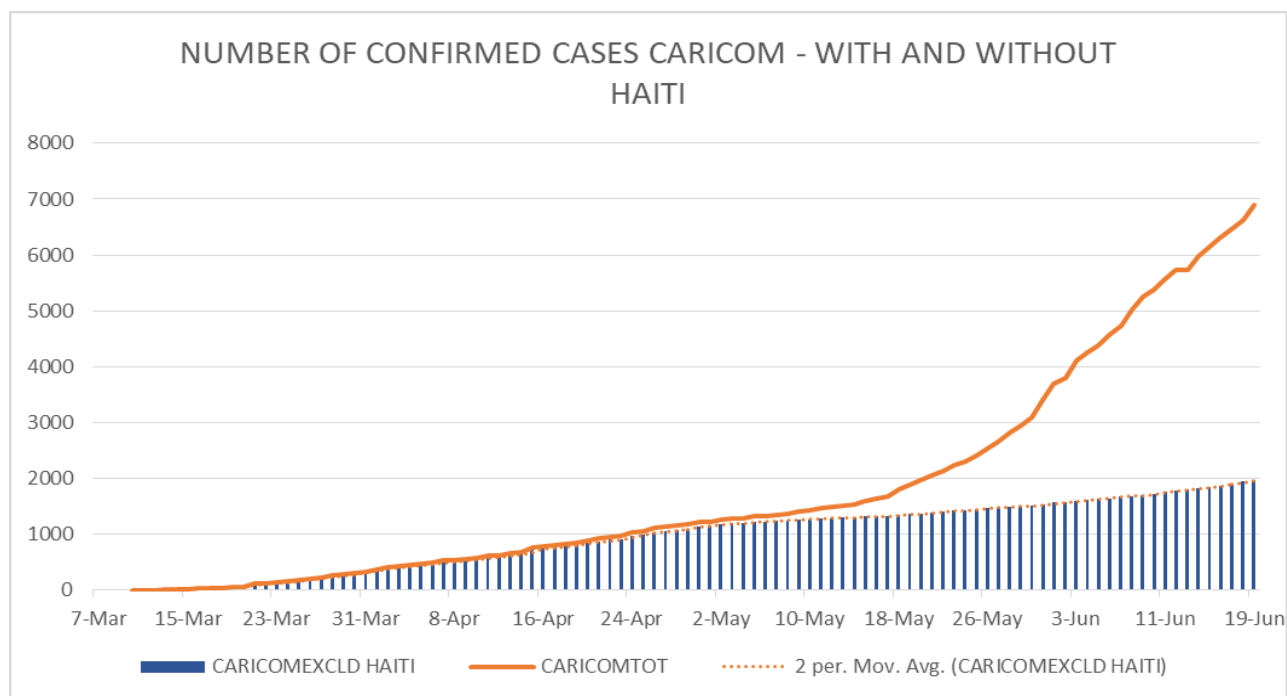


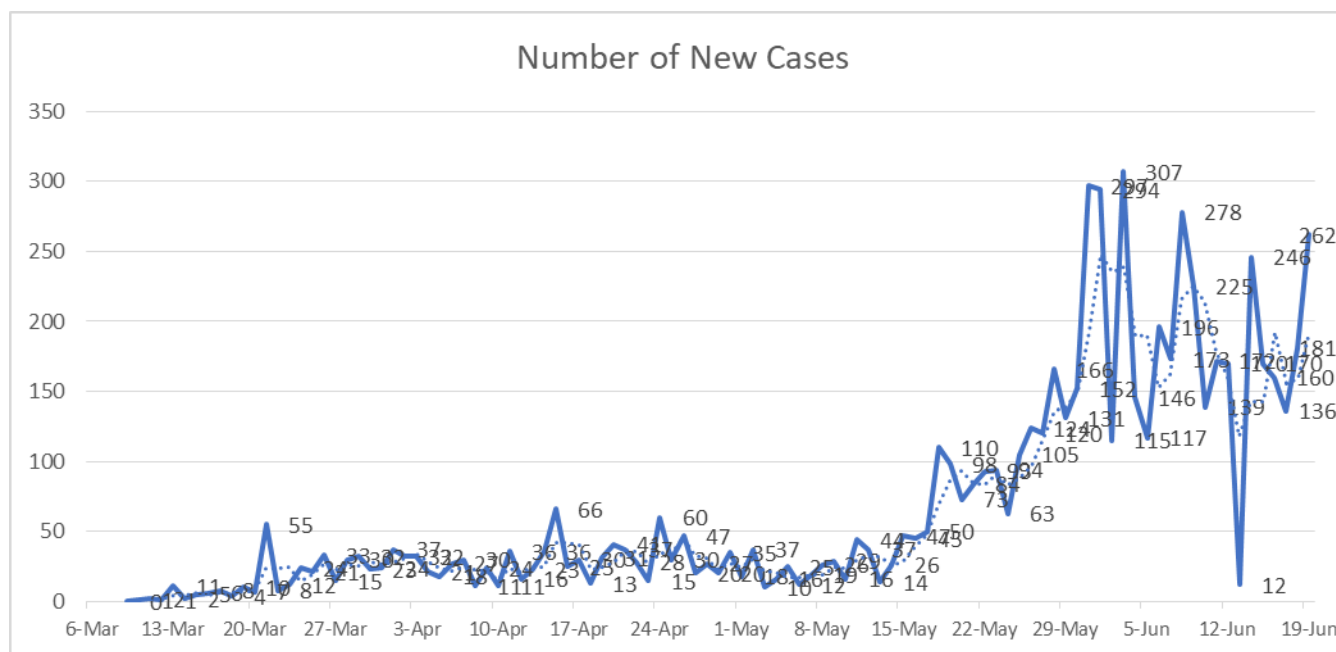
CHART 1A: NUMBER OF CONFIRMED CASES IN CARICOM- WITH AND WITHOUT HAITI AS AT 10 MARCH-19 JUNE 2020



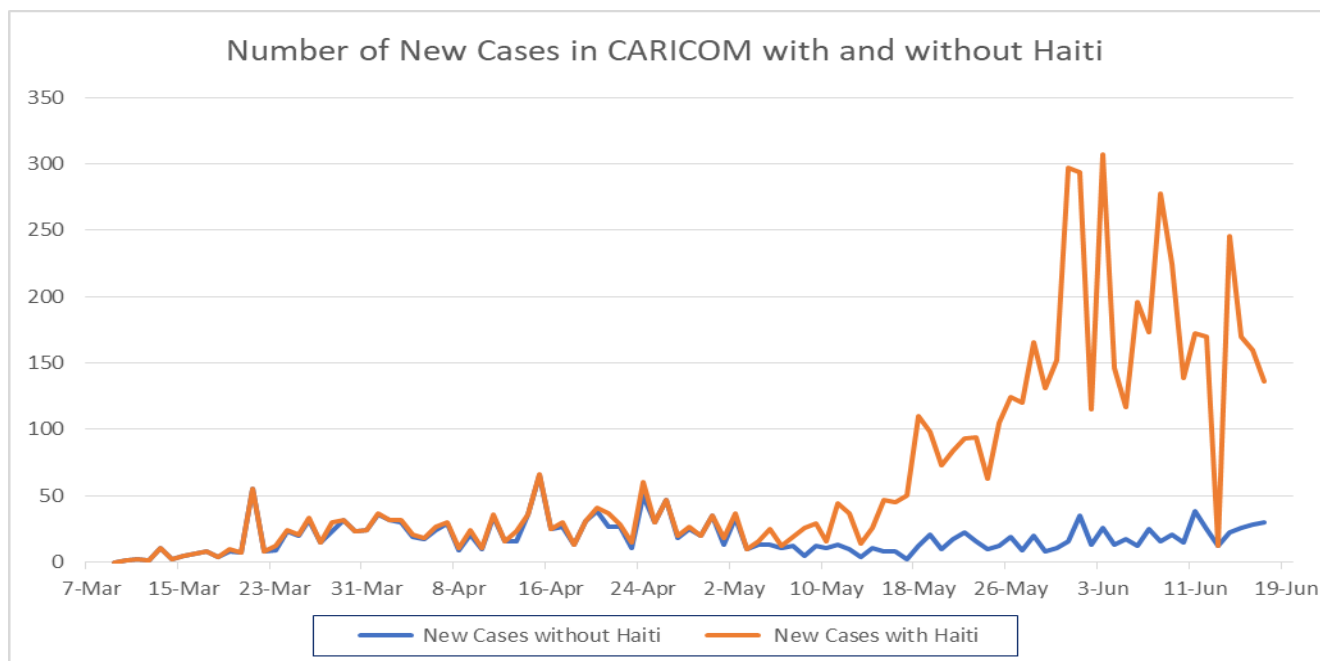
Note: The number of confirmed cases moved from **5728** as at 12 June to **6895** as at 19 June while the number of deaths moved from **133** to **158**.

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**CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES -
10 MARCH - 19 JUNE 2020**

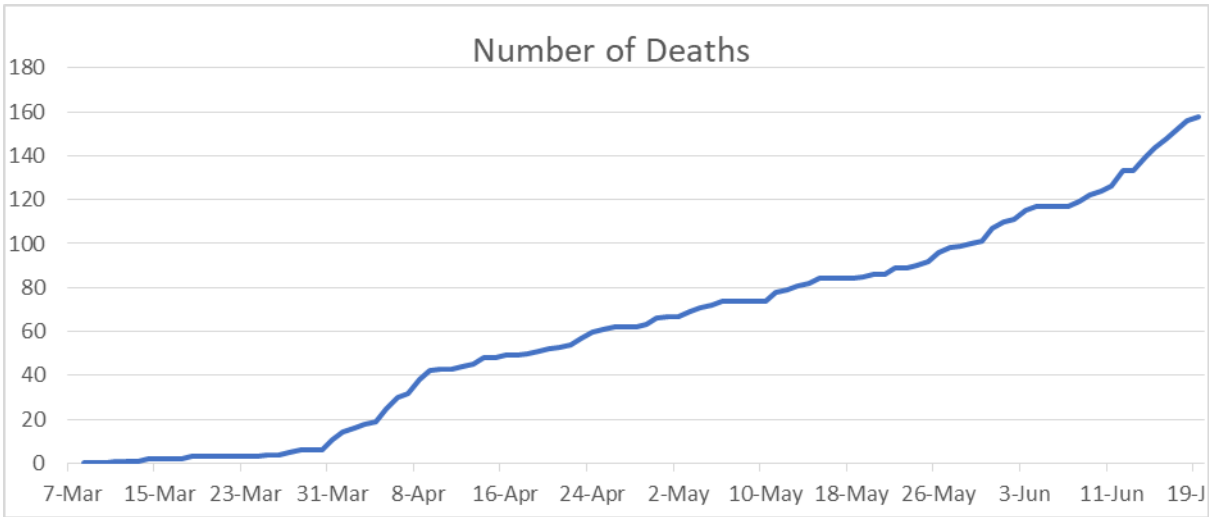


**CHART 1C: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - WITH AND
WITHOUT HAITI - 10 MARCH - 19 JUNE 2020**



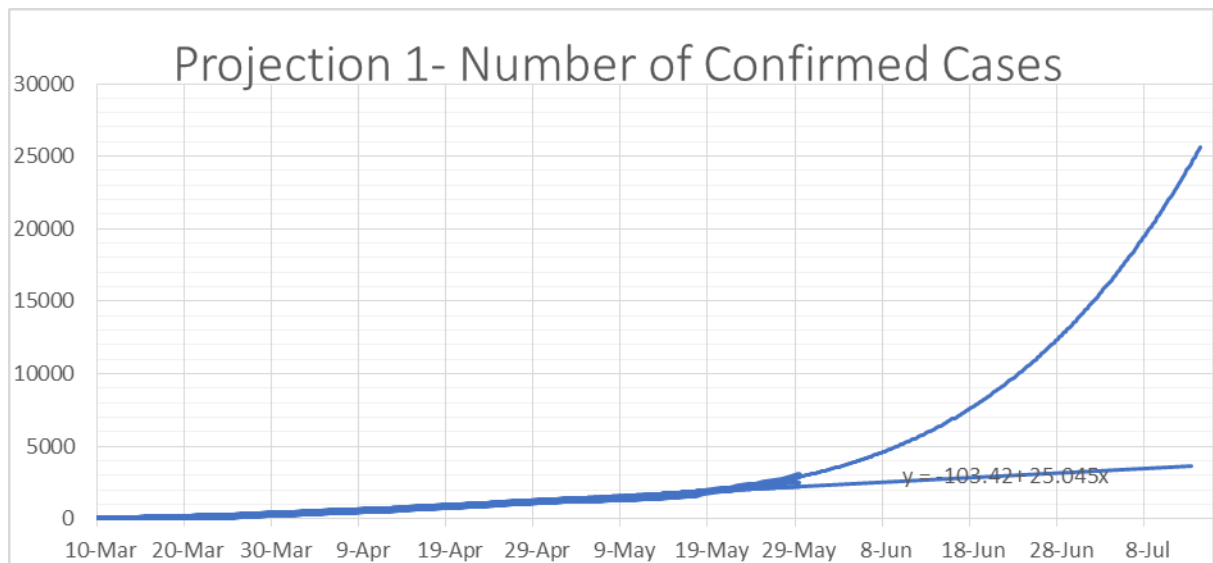
Note: Total number of new cases for the period **13-19 June** is **1167** as compared to **6-12 June** when it was **1353**. The number of new cases for the current reporting period was **186** less than the previous reporting period. Haiti contributed to **975** of the new cases this reporting period or **83.5** percent (88.8 percent for the previous period). Jamaica contributed to **38 new cases**, Suriname, **106** and Guyana, **24**. There was no report from Haiti on 13 June. The number of new cases that has been contributed by Haiti is visible in Chart 1C.

**CHART 1D: SUMMARY ALL COUNTRIES - NUMBER OF DEATHS -
10 MARCH - 19 JUNE 2020**



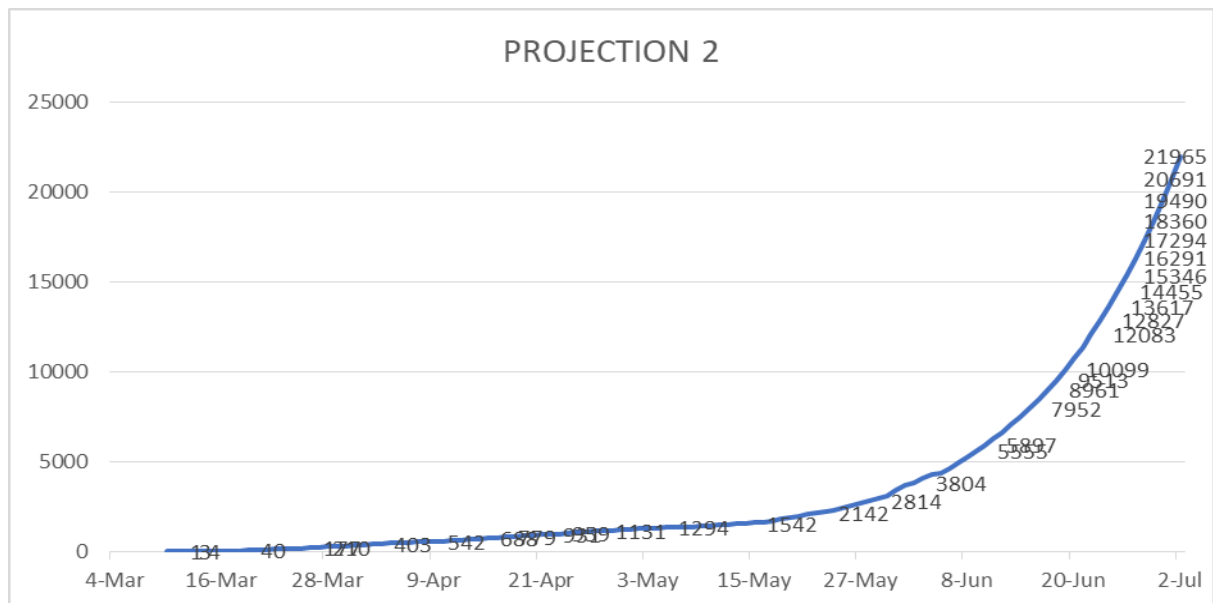
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**CHART 2: PROJECTION 1-ESTIMATED NUMBER OF CONFIRMED CASES
EXTENDED TO 15 JULY 2020**



Note: The non-linear trendline has been updated based on the latest data on confirmed cases as at 19 June. Based on this update the projected value for **26 June** is **9200**.

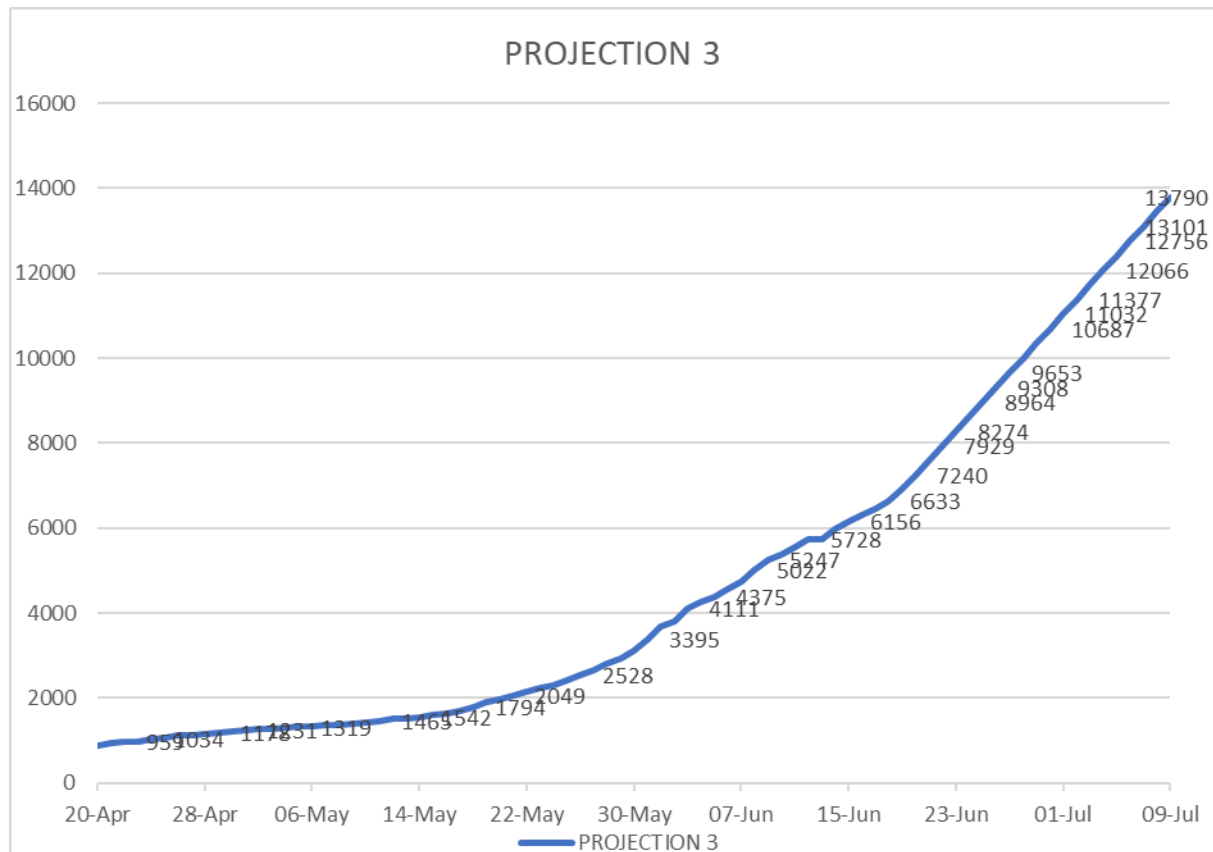
**CHART 2A: CHART 2A: UPDATED PROJECTION USING GROWTH RATES
(13 - 19 JUNE) OF THE NUMBER OF CONFIRMED CASES PROJECTED UP TO
2 JULY 2020**



Note: The projection has been updated using the growth in the number of confirmed cases from **13 -19 June**. The projected value for **26 June** is **8311**.

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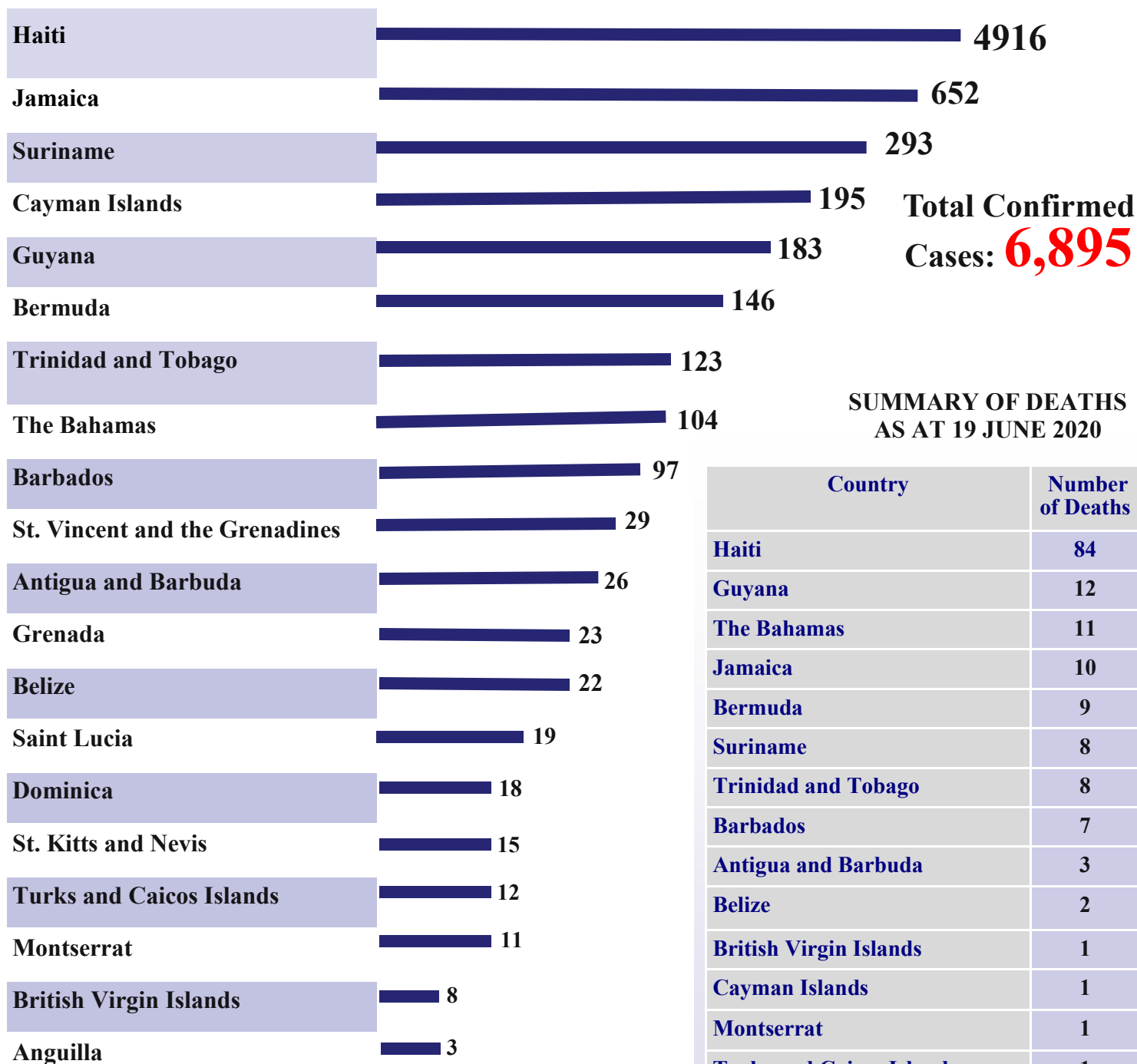
CHART 2B: PROJECTION BASED ON 20 DAY DOUBLING PERIOD- UP TO 9 JULY 2020- FITTED WITH ACTUAL VALUES



Note: This projection has been recalculated to reflect a **20-day** doubling period. The projected value for **26 June** is **9308 cases**.

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SUMMARY OF CONFIRMED CASES AS AT 19 JUNE 2020



SUMMARY OF DEATHS AS AT 19 JUNE 2020

Country	Number of Deaths
Haiti	84
Guyana	12
The Bahamas	11
Jamaica	10
Bermuda	9
Suriname	8
Trinidad and Tobago	8
Barbados	7
Antigua and Barbuda	3
Belize	2
British Virgin Islands	1
Cayman Islands	1
Montserrat	1
Turks and Caicos Islands	1
Dominica	0
Grenada	0
Saint Lucia	0
St. Kitts and Nevis	0
St. Vincent and the Grenadines	0
Anguilla	0

Total Deaths: 158

Note: The number of confirmed cases in Haiti is close to 5000, more than 7.5 times the confirmed cases of Jamaica. Suriname is in third place. Haiti with an additional 20 deaths and Suriname with 5 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– 08 MAY – 19 JUNE

COUNTRY	DATE						
	08-May	15-May	22-May	29-May	05-Jun	12-Jun	19-Jun
CARICOM -ALL COUNTRIES	7.57	8.75	11.79	16.22	24.08	31.53	37.96
CARICOM EXCLD HAITI	17.31	18.27	19.55	20.86	22.68	24.81	27.47
ANTIGUA AND BARBUDA	26.31	26.31	26.31	26.31	27.36	27.36	27.36
THE BAHAMAS	24.65	25.18	25.44	26.75	26.75	27.01	27.27
BARBADOS	30.22	30.95	32.77	33.50	33.50	34.96	35.32
BERMUDA	184.45	192.27	200.08	218.84	220.41	221.97	228.22
CAYMAN ISLANDS	123.08	142.83	196.01	214.24	249.19	284.14	296.29
GUYANA	12.55	15.65	17.14	20.24	20.65	21.46	24.70
HAITI	1.13	2.39	6.43	12.65	24.01	34.54	43.08
JAMAICA	17.97	18.74	19.94	21.08	21.81	22.51	23.90
ST VINCENT AND THE GRENADINES	15.32	15.32	16.22	23.42	23.42	24.32	26.13
SURINAME	1.72	1.72	1.89	2.06	15.61	32.08	50.26
TRINIDAD & TOBAGO	8.53	8.53	8.53	8.53	8.61	8.61	9.05

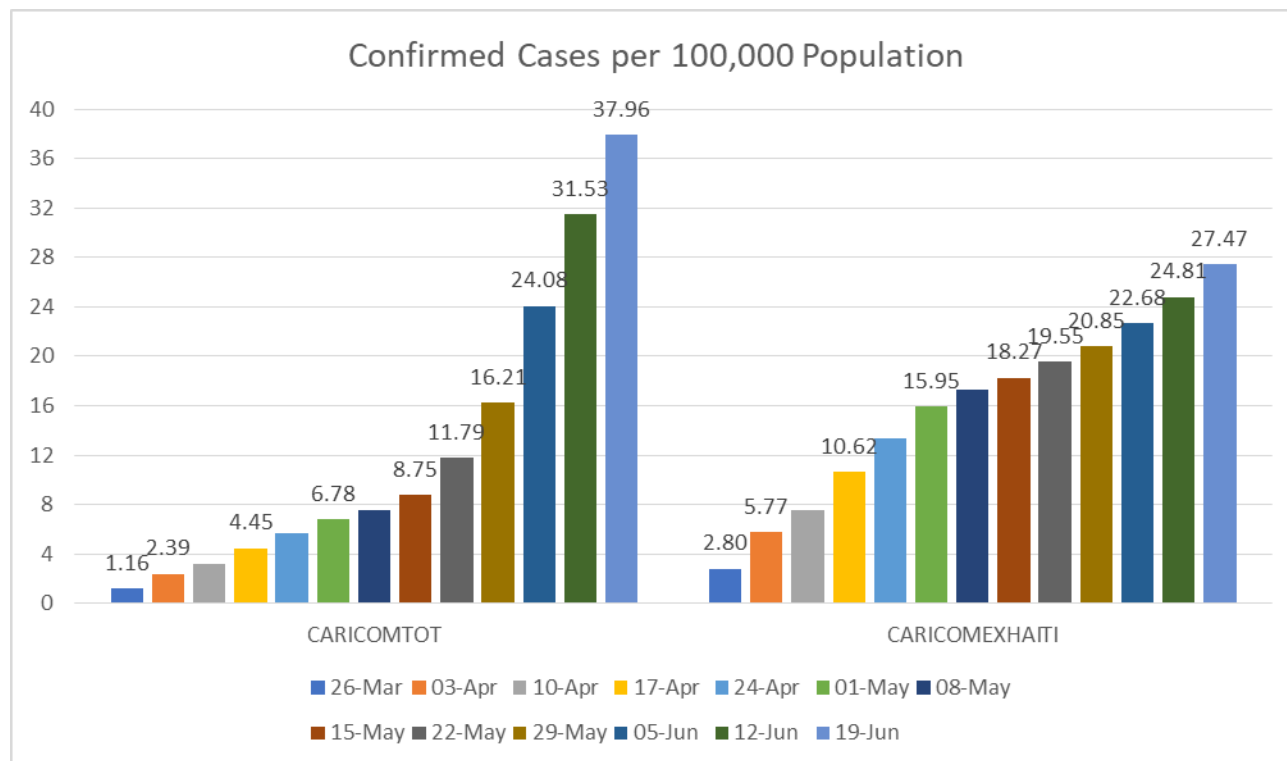
Note: Please check the [Explanatory Notes repeated in this Issue](#) for the use of rates per 100,000 population in comparing values across countries.

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 **19 June** are: *Cayman Islands (296.29), Bermuda (228.22), Suriname (50.26), Haiti (43.08) and Barbados (35.32)*, 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 continue to 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 19 June for those countries that are not shown can be requested. Please check previous Issues for rates for earlier periods.

**CHART 3: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION-
CARICOM WITH AND WITHOUT HAITI 26 MARCH-19 JUNE**



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CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES 26 MARCH– 19 JUNE

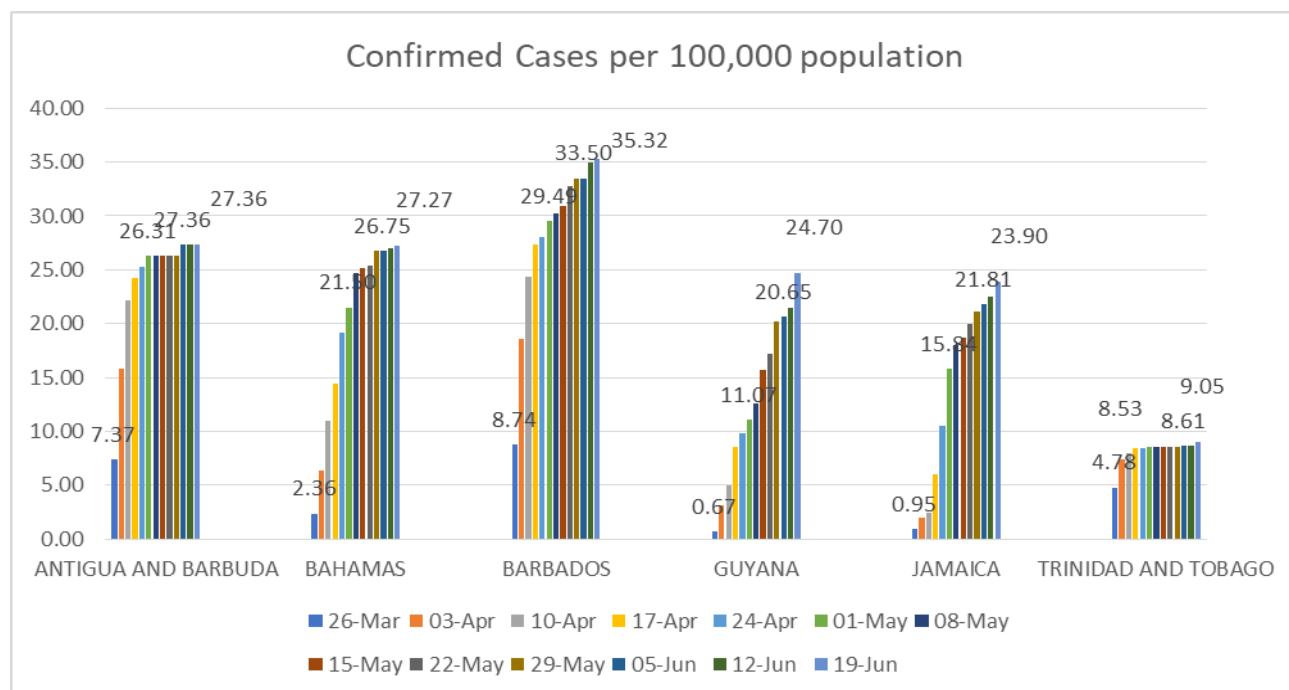
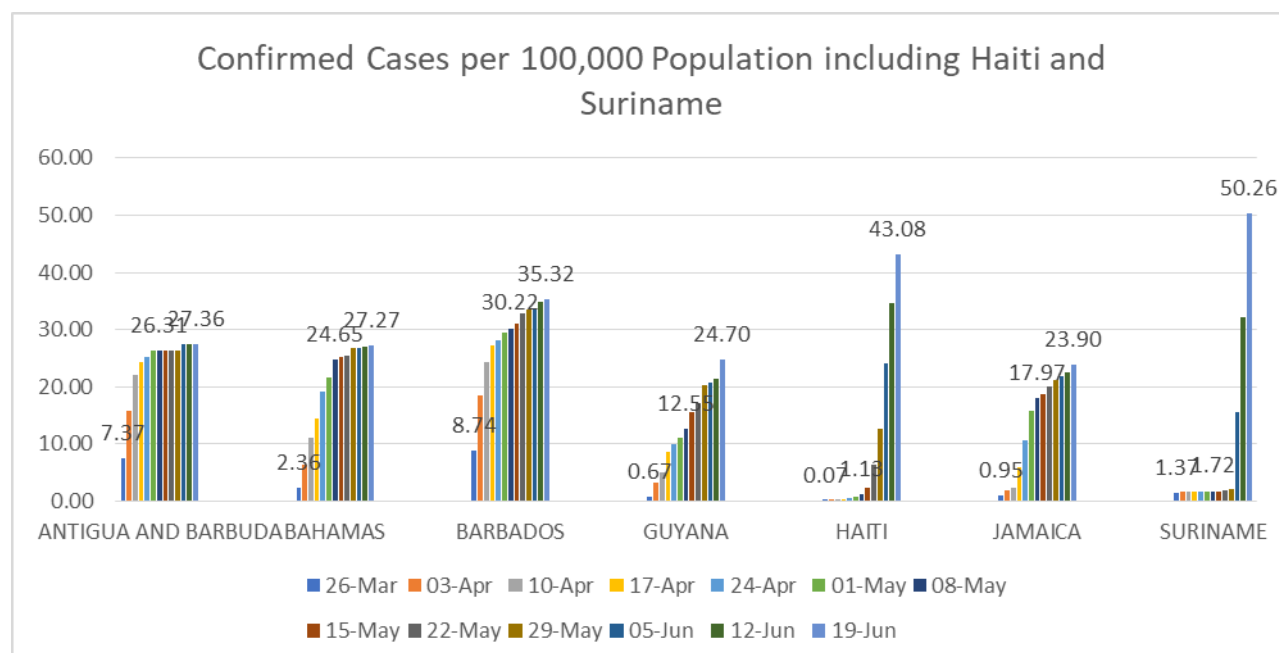


CHART 3B: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES (WITH HAITI) 26 MARCH– 19 JUNE



Note: The spikes in the number of confirmed cases per 100,000 population that have occurred in Suriname and Haiti as compared to the other countries are reflected in Chart 3B.

Suri-

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CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS -26 MARCH– 19 JUNE

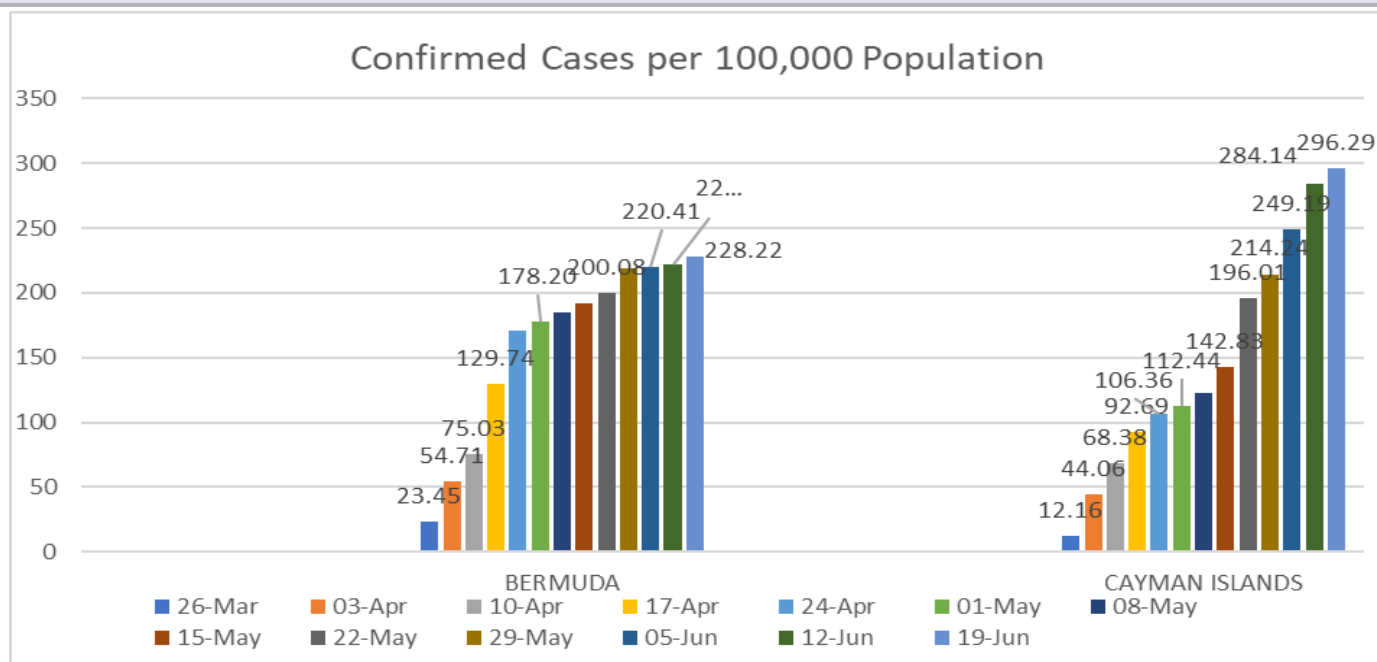
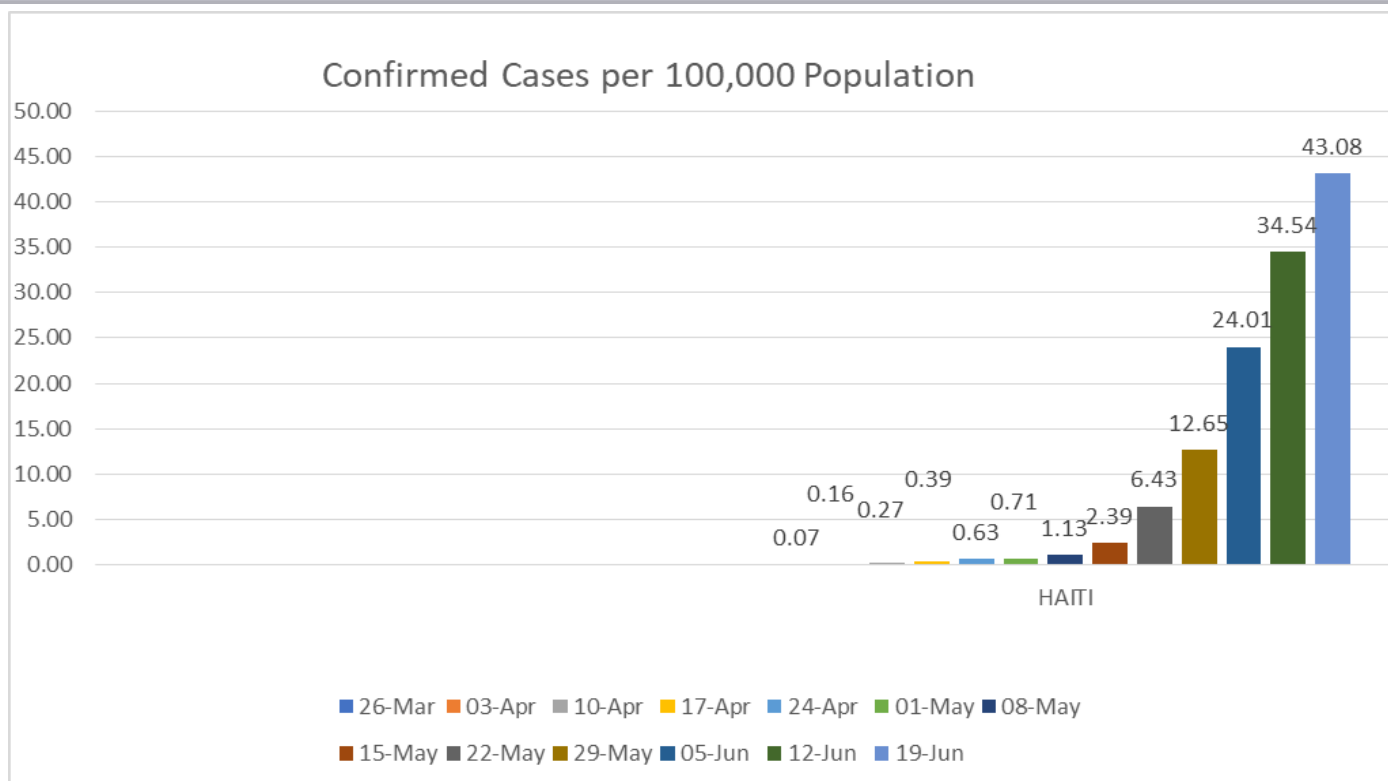
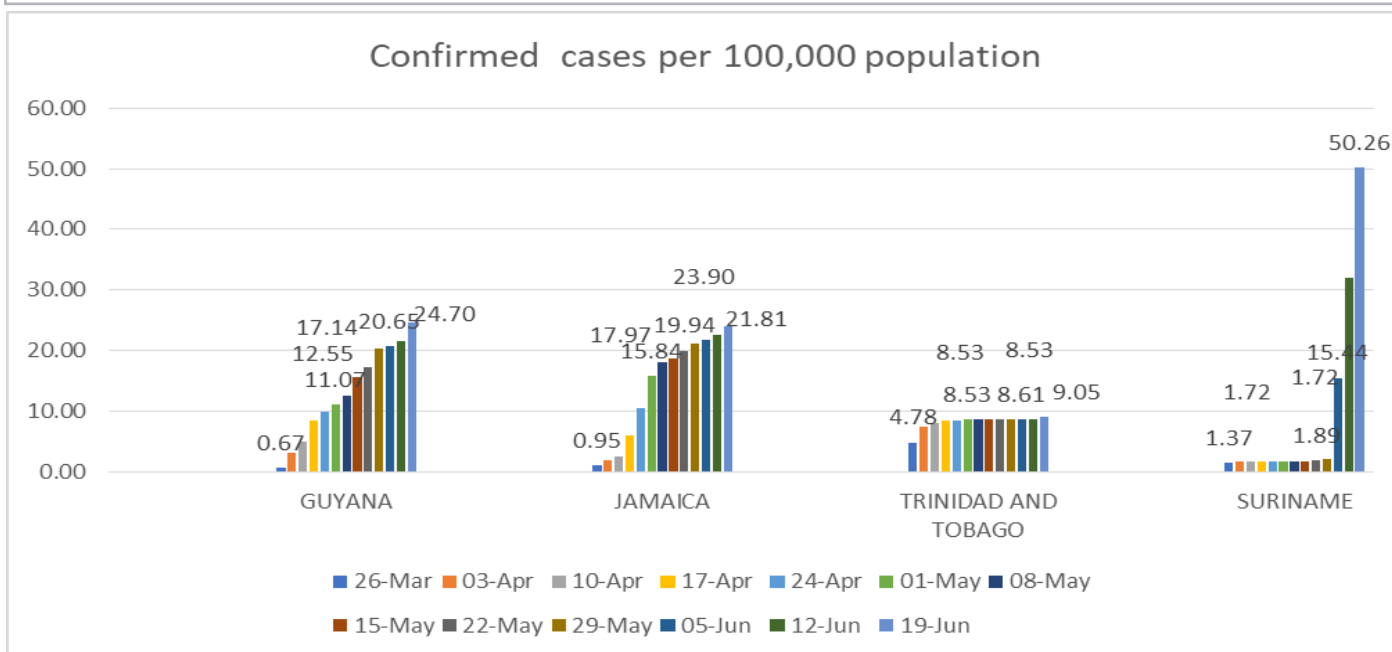


CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- HAITI - 26 MARCH– 19 JUNE

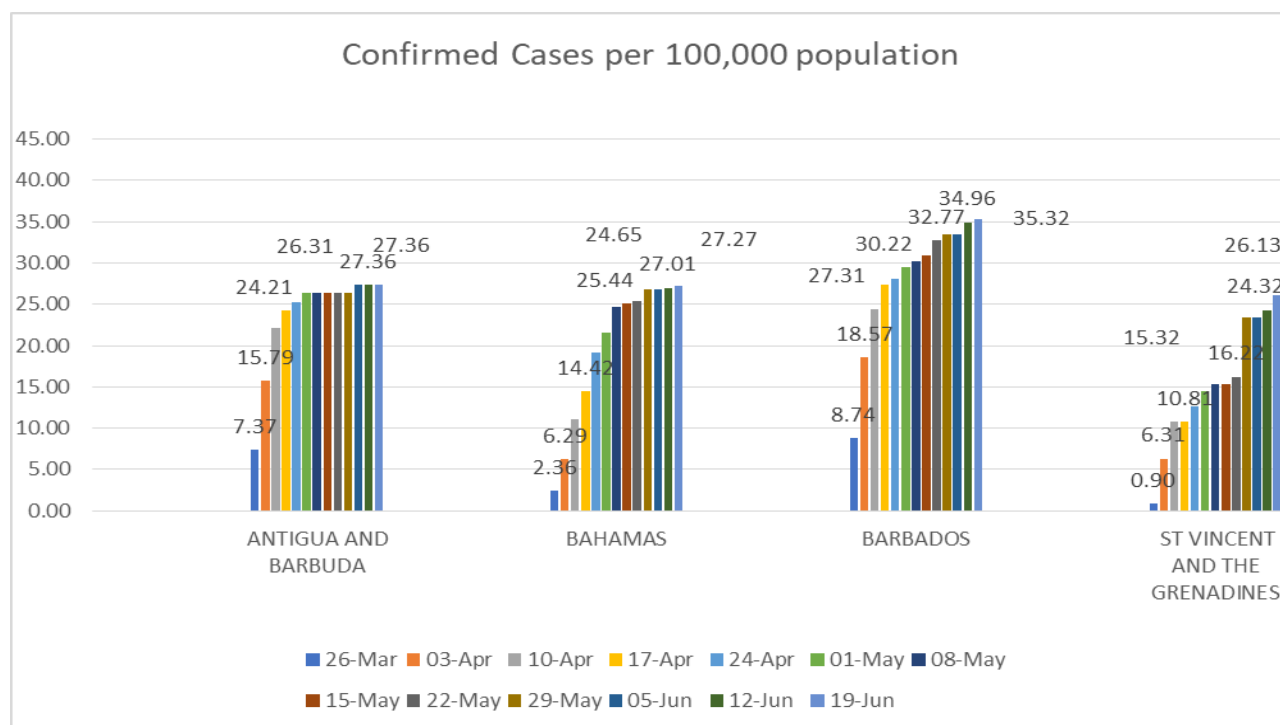


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**CHART 3E: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
GUYANA, JAMAICA, TRINIDAD AND TOBAGO AND SURINAME
26 MARCH– 19 JUNE**



**CHART 3F: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
ANTIGUA AND BARBUDA, THE BAHAMAS, BARBADOS AND
ST. VINCENT AND THE GRENADINES
26 MARCH– 19 JUNE**



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**TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION
8 MAY – 19 JUNE**

COUNTRY	DATE						
	08-May	15-May	22-May	29-May	05-June	12-June	19-June
CARICOM ALL COUNTRIES	0.41	0.46	0.49	0.55	0.64	0.73	0.87
CARICOM EXCL. HAITI	0.86	0.89	0.89	0.90	0.93	0.96	1.03
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	10.94	14.07	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	1.35	1.35	1.35	1.48	1.62	1.62	1.62
HAITI	0.11	0.18	0.22	0.31	0.44	0.56	0.74
JAMAICA	0.33	0.33	0.33	0.33	0.37	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	0.51	1.37
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.

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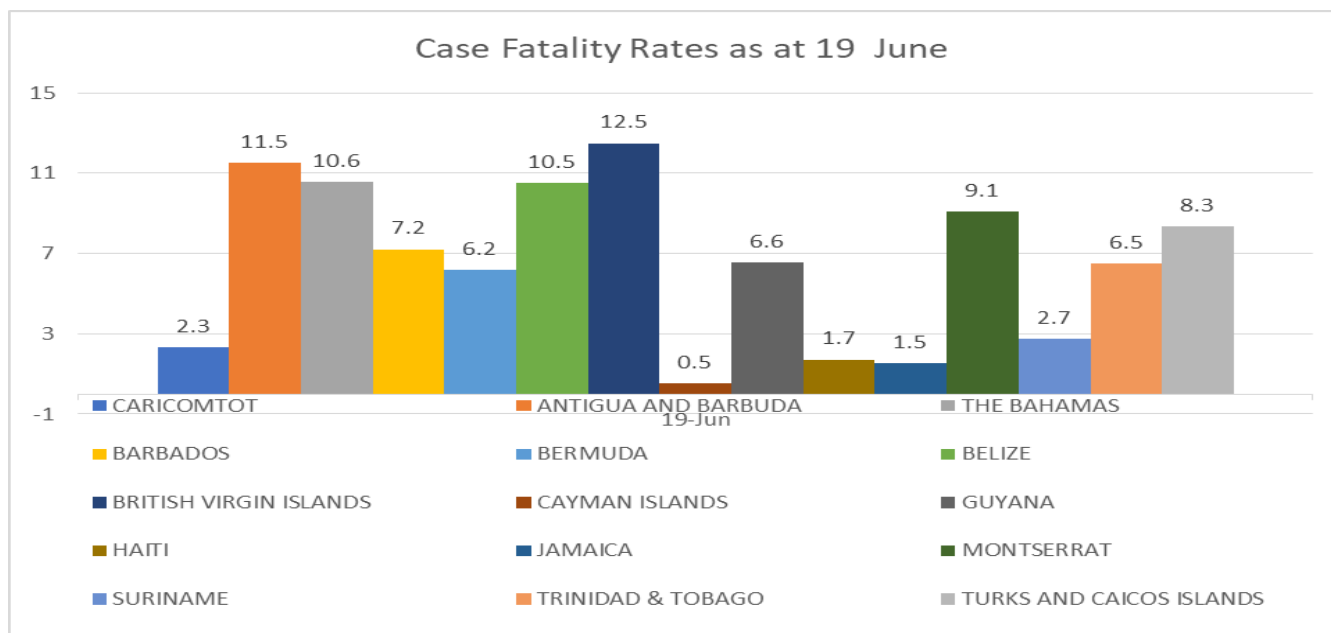
**TABLE 3A: DEATHS AS A PERCENTAGE OF THE NUMBER OF
CONFIRMED CASES– CASE FATALITY RATES –8 MAY – 19 JUNE**

	DEATH RATES TO CONFIRMED CASES						
COUNTRY	08-May	15-May	22-May	29-May	05-Jun	12-Jun	19-Jun
CARICOM ALL COUNTRIES	5.4	5.3	4.2	3.4	2.7	2.3	2.3
ANTIGUA AND BARBUDA	12.0	12.0	12.0	12.0	11.5	11.5	11.5
THE BAHAMAS	11.7	11.5	11.3	10.8	10.8	10.7	10.6
BARBADOS	8.4	8.2	7.8	7.6	7.6	7.3	7.2
BERMUDA	5.9	7.3	7.0	6.4	6.4	6.3	6.2
BELIZE	11.1	11.1	11.1	11.1	10.5	10.5	10.5
BRITISH VIRGIN ISLANDS	14.3	12.5	12.5	12.5	12.5	12.5	12.5
CAYMAN ISLANDS	1.2	1.1	0.8	0.7	0.6	0.5	0.5
GUYANA	10.8	8.6	7.9	7.3	7.8	7.5	6.6
HAITI	9.3	7.3	3.4	2.4	1.8	1.6	1.7
JAMAICA	1.8	1.8	1.7	1.6	1.7	1.6	1.5
MONTSERRAT	9.1	9.1	9.1	9.1	9.1	9.1	9.1
SURINAME	10.0	10.0	9.1	8.3	1.1	1.6	2.7
TRINIDAD & TOBAGO	6.9	6.9	6.9	6.9	6.8	6.8	6.5
TURKS AND CAICOS ISLANDS	8.3	8.3	8.3	8.3	8.3	8.3	8.3

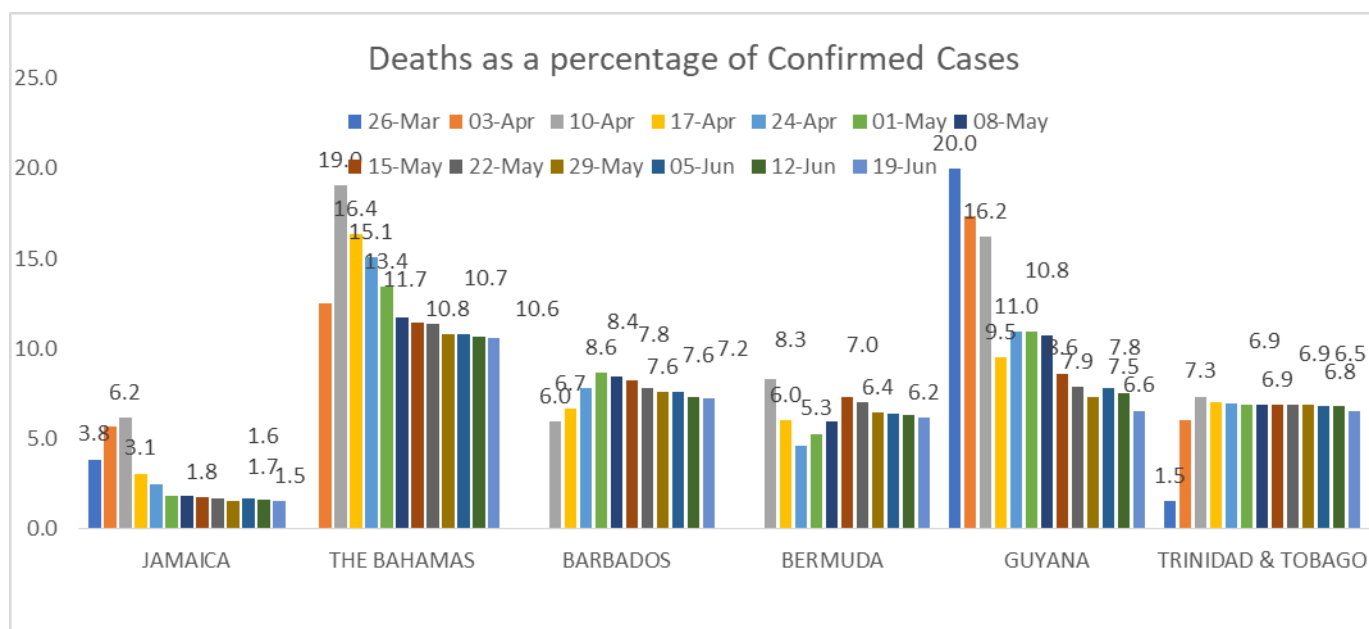
Note: The number of deaths to confirmed cases reflects a fatality rate that does not take the population size into consideration. Please check previous issues for values for earlier periods.

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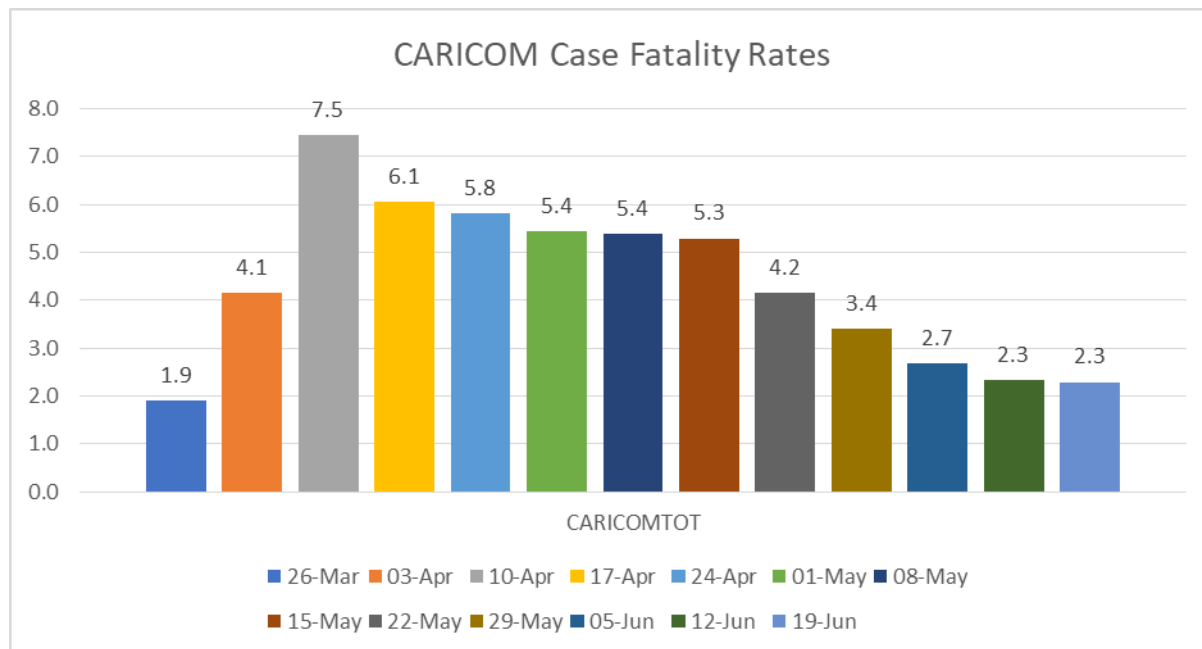
**CHART 4: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
ALL COUNTRIES-CASE FATALITY RATES AS AT 19 JUNE**



**CHART 4A: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
SELECTED COUNTRIES-CASE FATALITY RATES 26 MARCH– 19 JUNE**

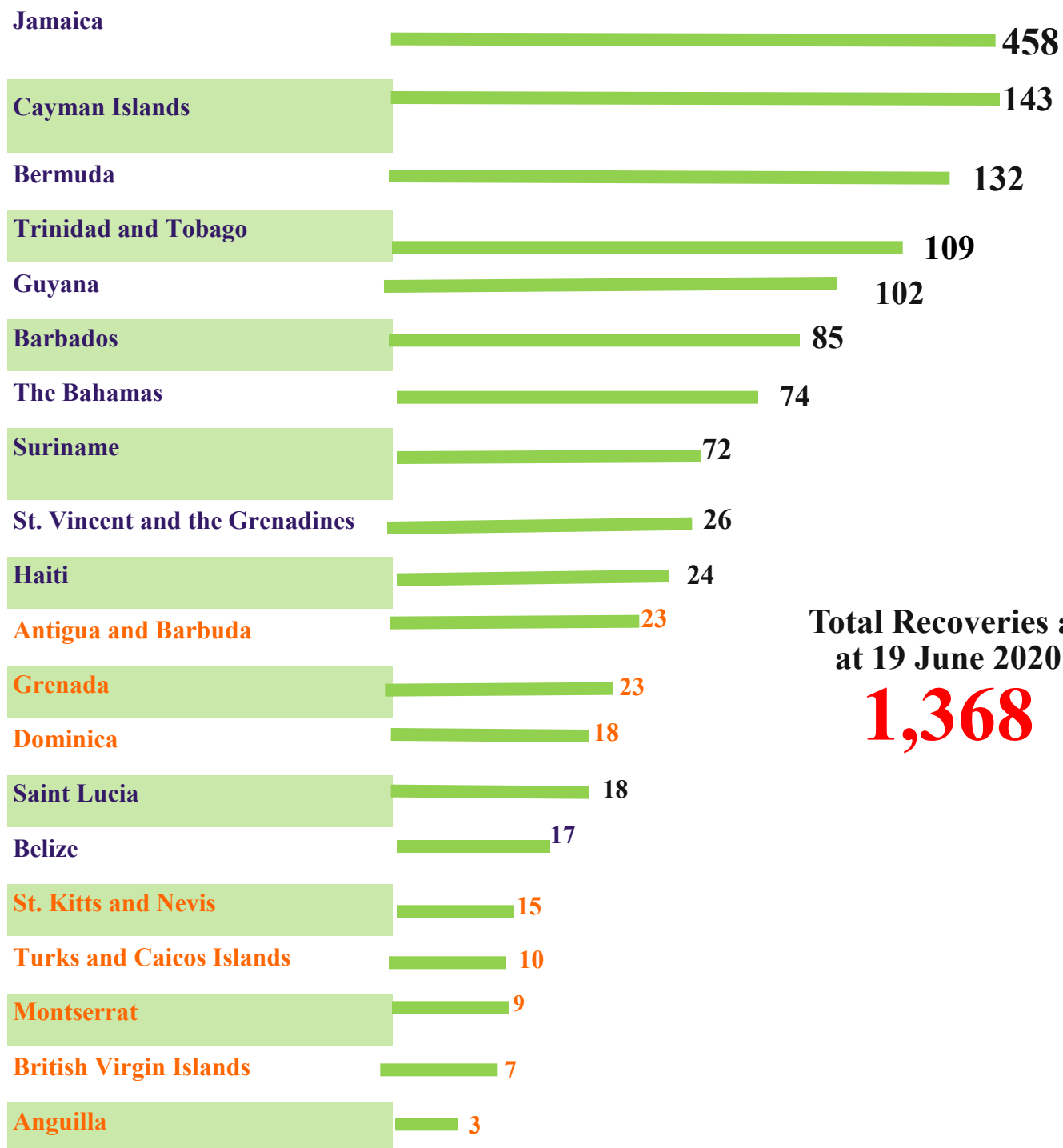


**CHART 4B: CARICOM—ALL COUNTRIES- CASE FATALITY RATES
26 MARCH - 19 JUNE**



Special Topic Bulletin - COVID 19

SUMMARY OF RECOVERED CASES AS AT 19 JUNE 2020



Total Recoveries as
at 19 June 2020

1,368

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 19 JUNE 2020

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPITALISATIONS
Jamaica	652	458	184	19617	24
Cayman Islands	195	143	51	20370	1
Bermuda	146	132	5	9747	0
Trinidad and Tobago	123	109	6	4257	0
Guyana	183	102	69	2048	
Barbados	97	85	5	7345	
The Bahamas	104	74	19	2326	1
Suriname	293	72	213	1165	
St Vincent and the Grenadines	29	26	3	741	
Haiti	4916	24	4808	9813	
Antigua and Barbuda	26	23	0	489	0
Grenada	23	23	0	853	0
Dominica	18	18	0	643	0
Saint Lucia	19	18	1	1486	
Belize	22	17	3	1998	
St Kitts and Nevis	15	15	0	417	0
Turks and Caicos Islands	12	10	0	345	0
Montserrat	11	9	0	62	0
British Virgin Islands	8	7	0	185	0
Anguilla	3	3	0	41	0
	6895	1368	5367		

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

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

Saint Lucia has **1** active case; **Belize** and **St Vincent and the Grenadines** have **3** 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 **213** active cases.

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**Table 5: NUMBER OF TESTS AND RATE PER 100,000 POPULATION –
AS AT 19 JUNE 2020**

COUNTRY	NO. OF TESTS	NO. OF TESTS PER 100,000
Anguilla	41	273.3
Antigua and Barbuda	489	514.7
Barbados	7345	2674.5
Belize	1998	501.9
Bermuda	9747	15236.1
British Virgin Islands	185	634.6
Cayman Islands	20370	30951.3
Dominica	643	893.1
Grenada	853	765.2
Guyana	2048	276.4
Haiti	9813	86.0
Jamaica	19617	719.2
Montserrat	62	1240.0
Saint Lucia	1486	830.2
St Kitts and Nevis	417	786.8
St Vincent and the Grenadines	741	667.6
Suriname	1165	199.8
The Bahamas	2326	610.0
Trinidad and Tobago	4257	313.2
Turks and Caicos Islands	345	835.4

Note: The top five countries based on the number of tests per 100,000 are: Cayman Islands, Bermuda, Barbados, Montserrat and Dominica 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.

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

18 APRIL - 19 JUNE 2020

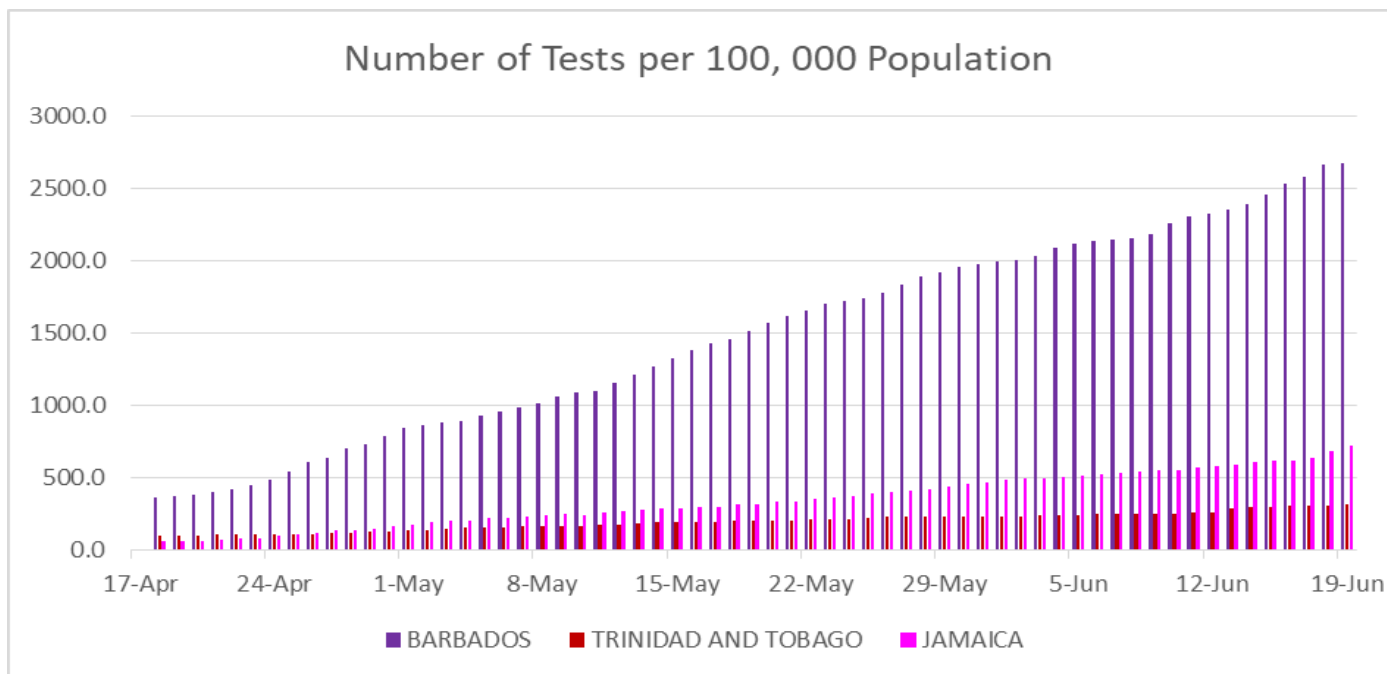
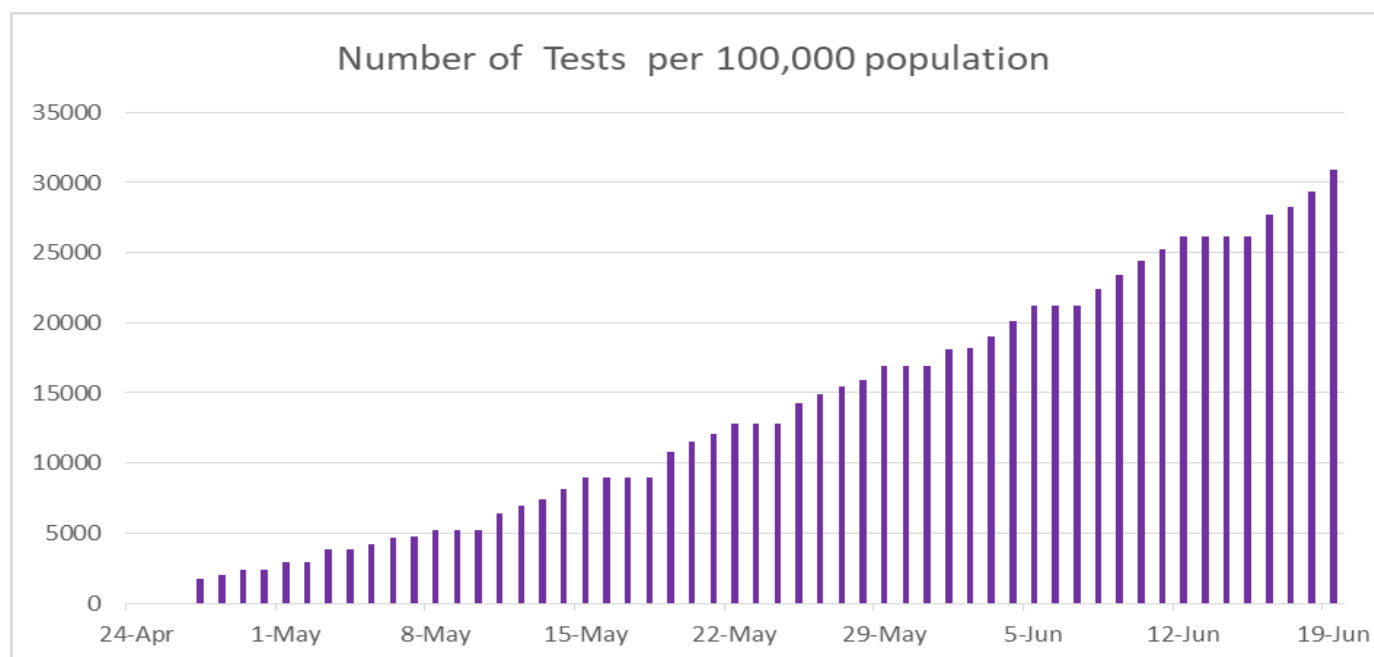


CHART 5A: NUMBER OF TESTS PER 100, 000 POPULATION— CAYMAN ISLANDS

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CHART 5B: NUMBER OF RECOVERIES - BARBADOS

18 APRIL - 19 JUNE 2020

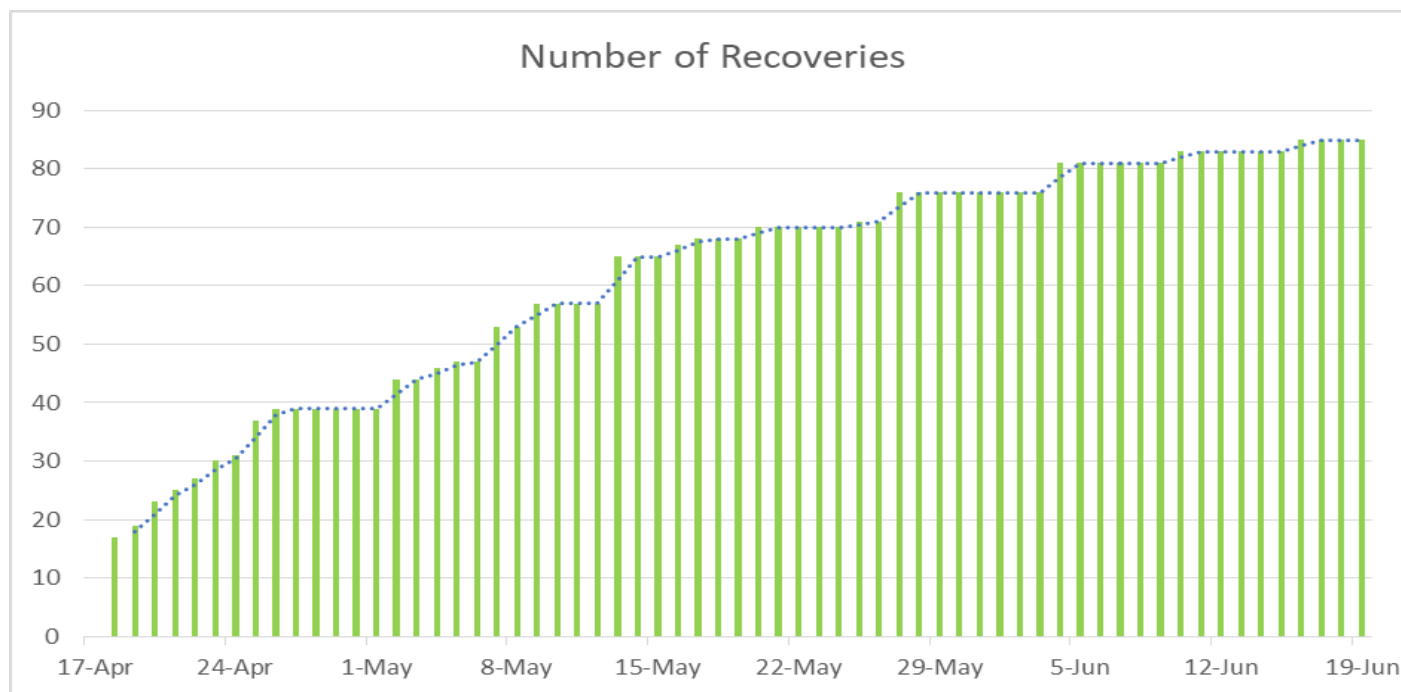
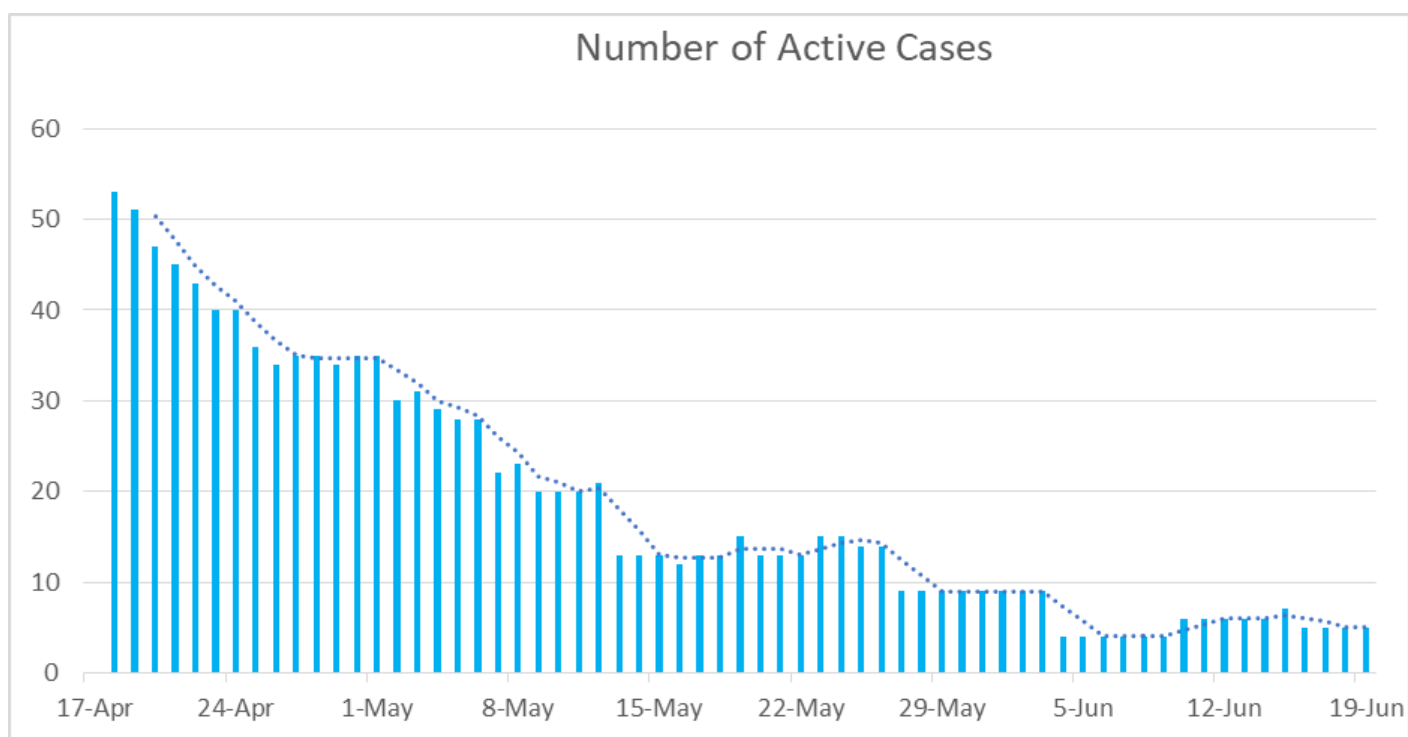


CHART 5C: NUMBER OF ACTIVE CASES - BARBADOS

18 APRIL - 19 JUNE 2020



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CHART 5D: NUMBER OF TESTS CONDUCTED - BARBADOS

18 APRIL - 19 JUNE 2020

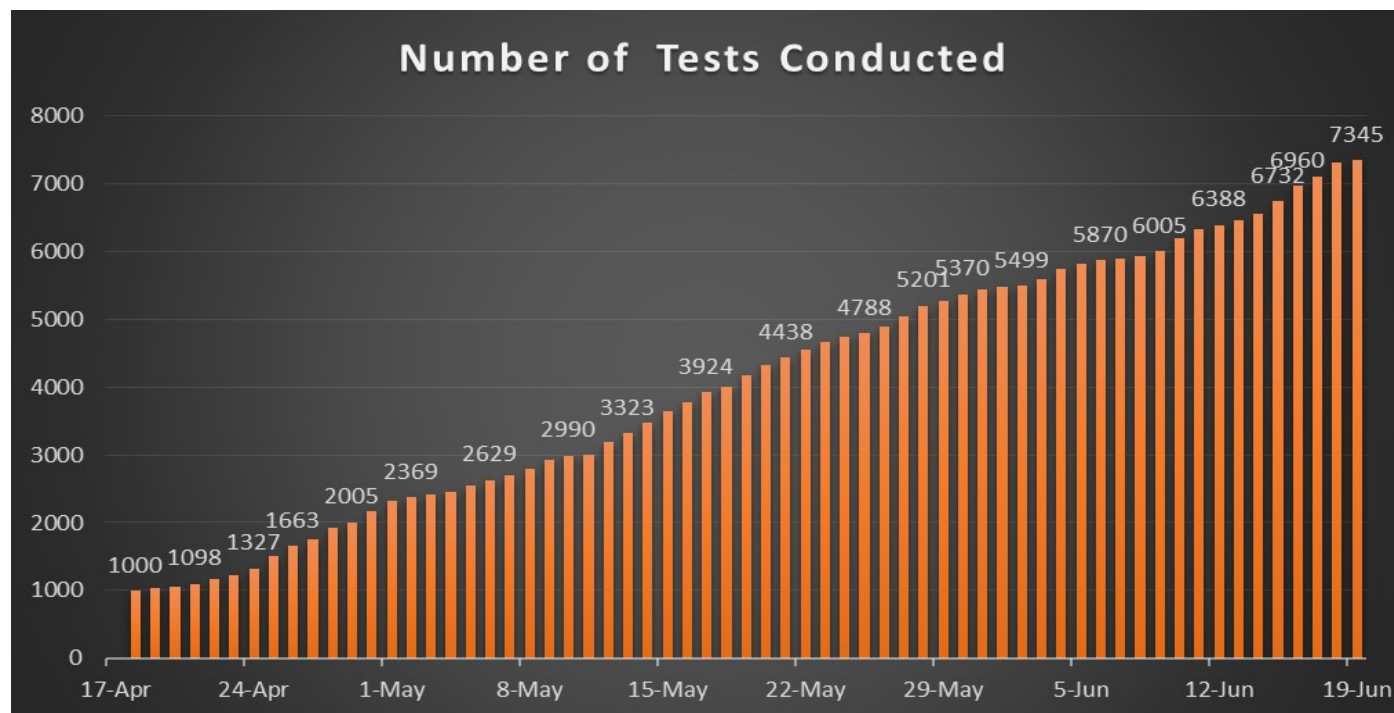
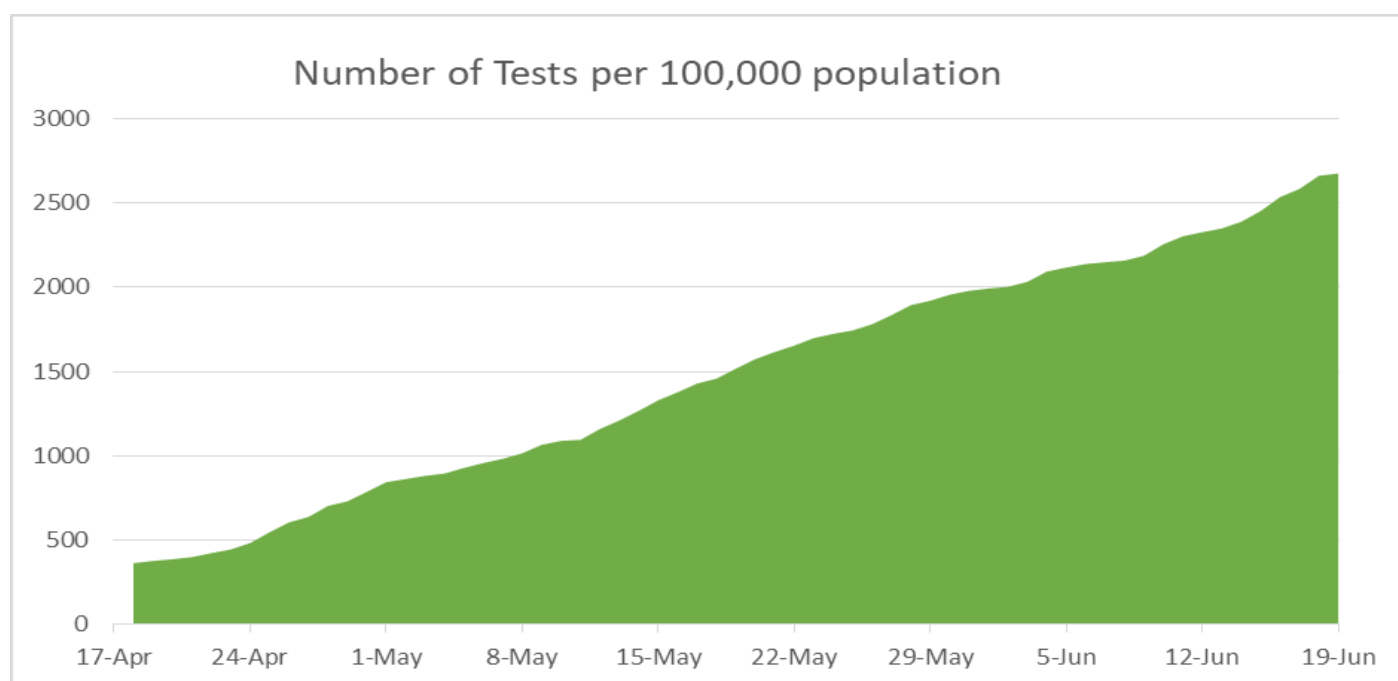


CHART 5E: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - BARBADOS

18 APRIL - 19 JUNE 2020



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CHART 5F: NUMBER OF RECOVERIES - JAMAICA
18 APRIL– 19 JUNE 2020

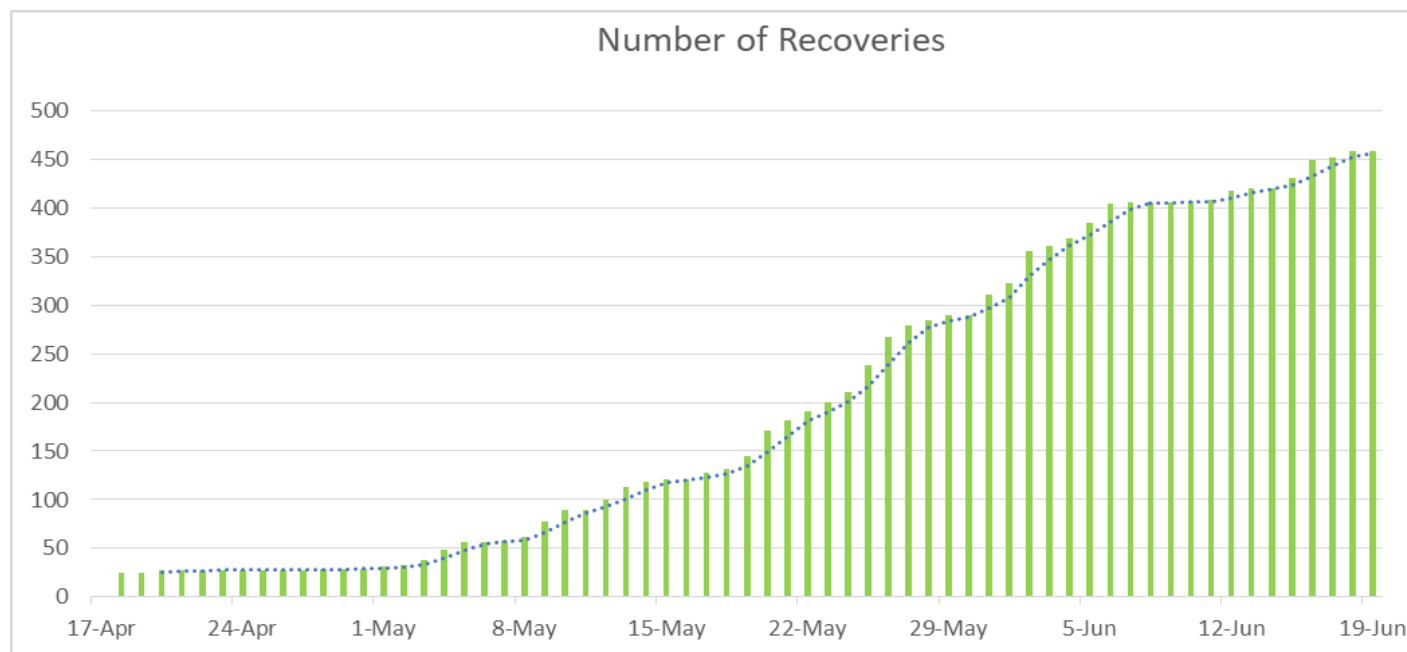
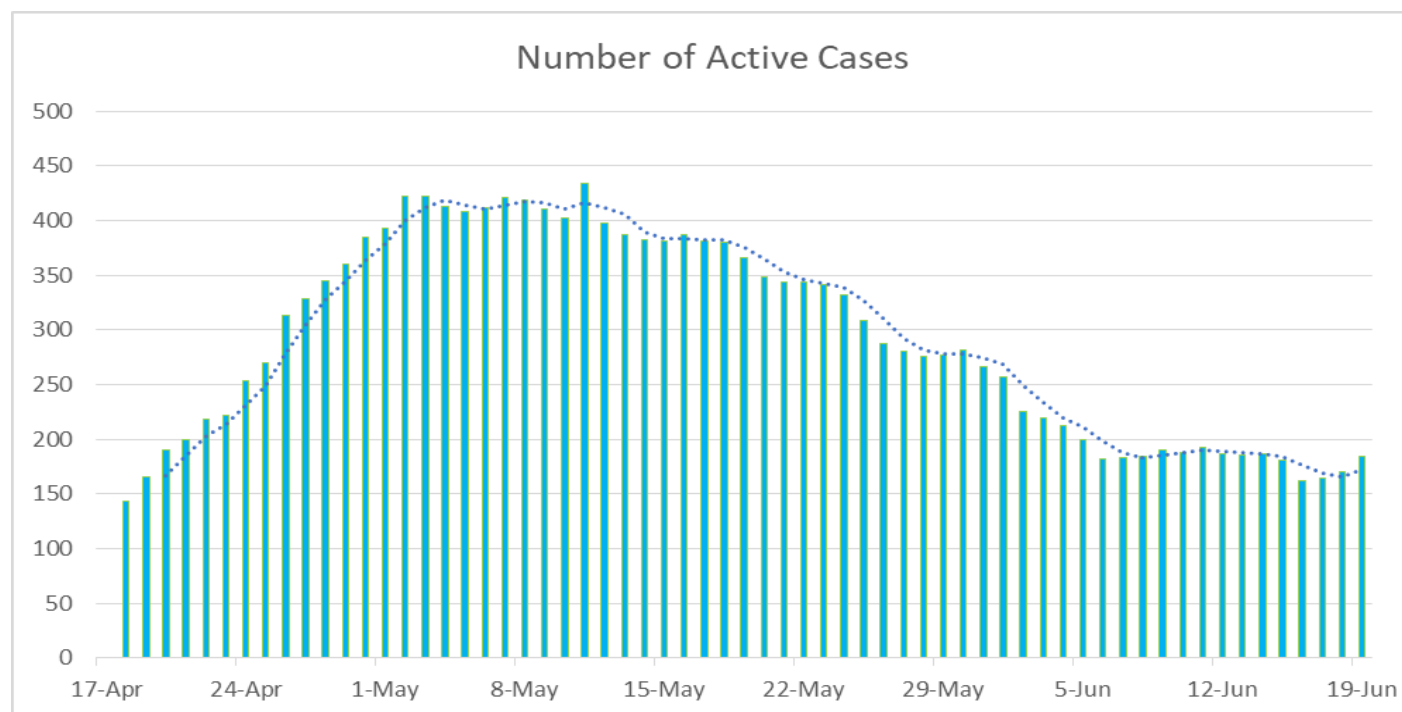


CHART 5G: NUMBER OF ACTIVE CASES - JAMAICA
18 APRIL - 19 JUNE 2020



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CHART 5H: NUMBER OF TESTS CONDUCTED - JAMAICA
18 APRIL - 19 JUNE 2020

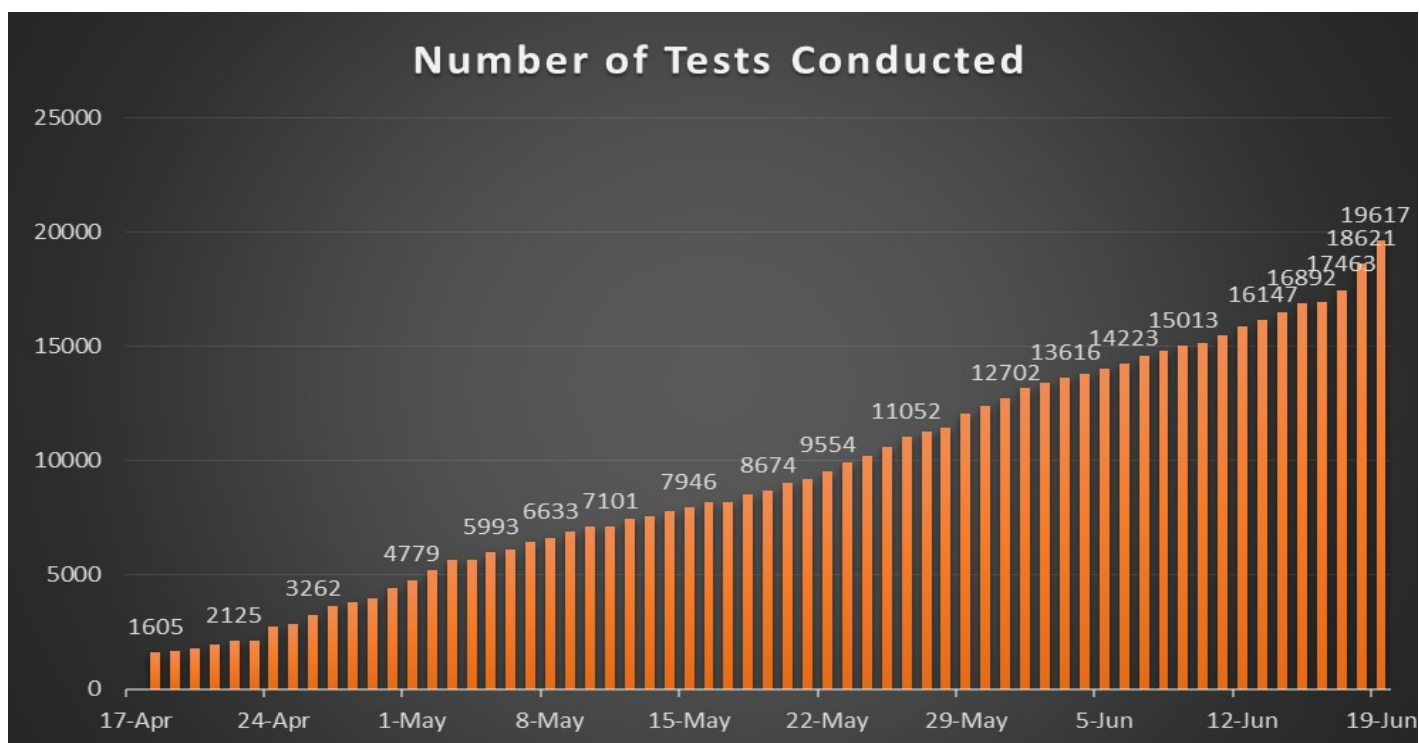
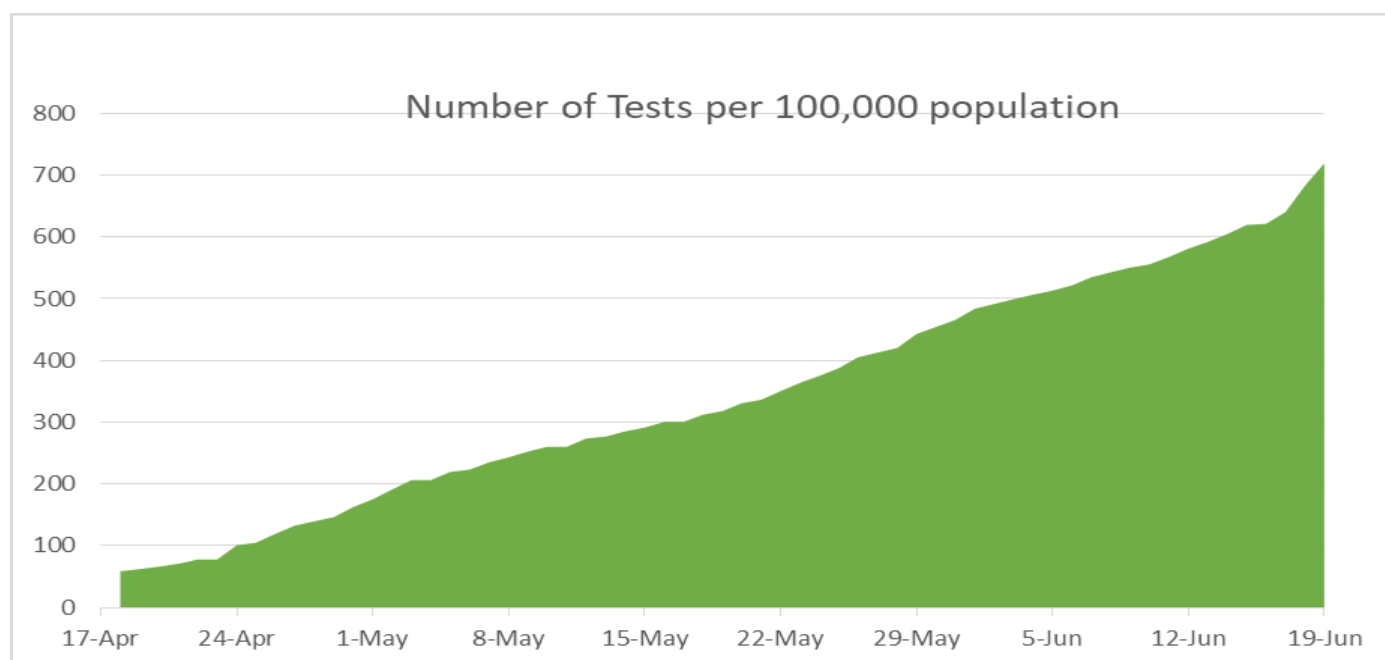


CHART 5I: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - JAMAICA
18 APRIL - 19 JUNE 2020



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CHART 5J: NUMBER OF RECOVERIES - TRINIDAD AND TOBAGO
18 APRIL - 19 JUNE 2020

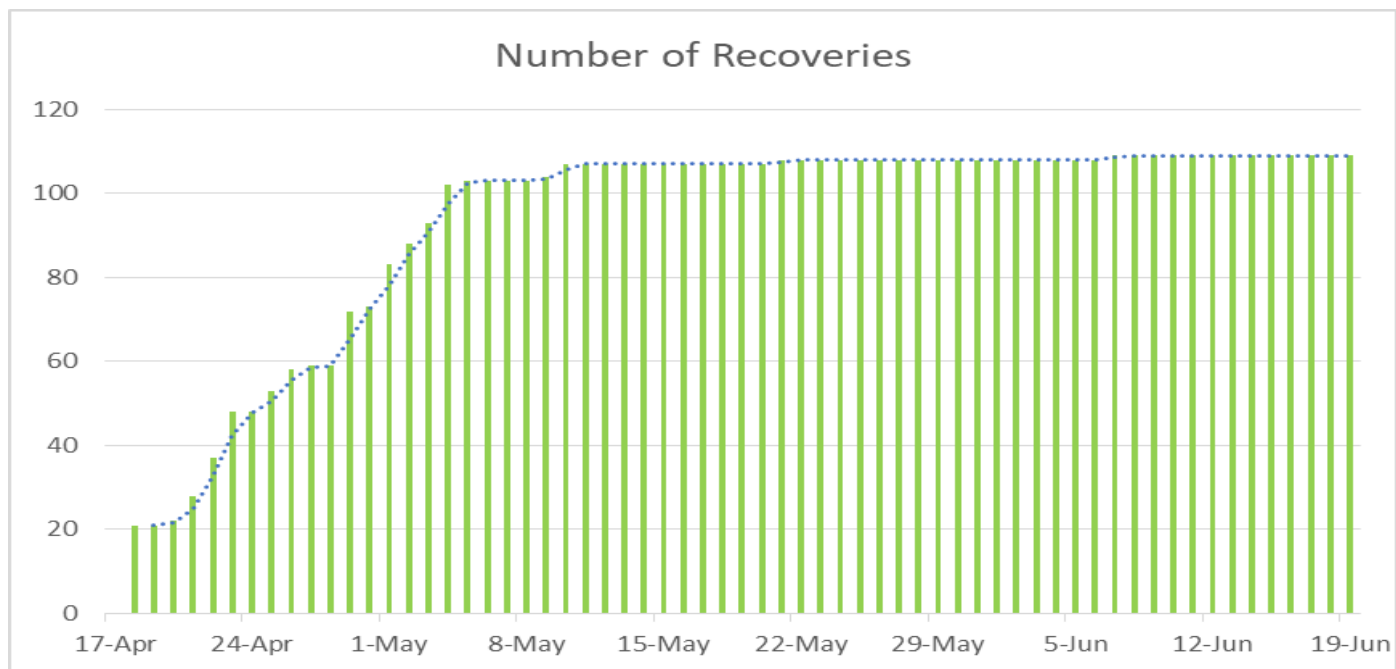
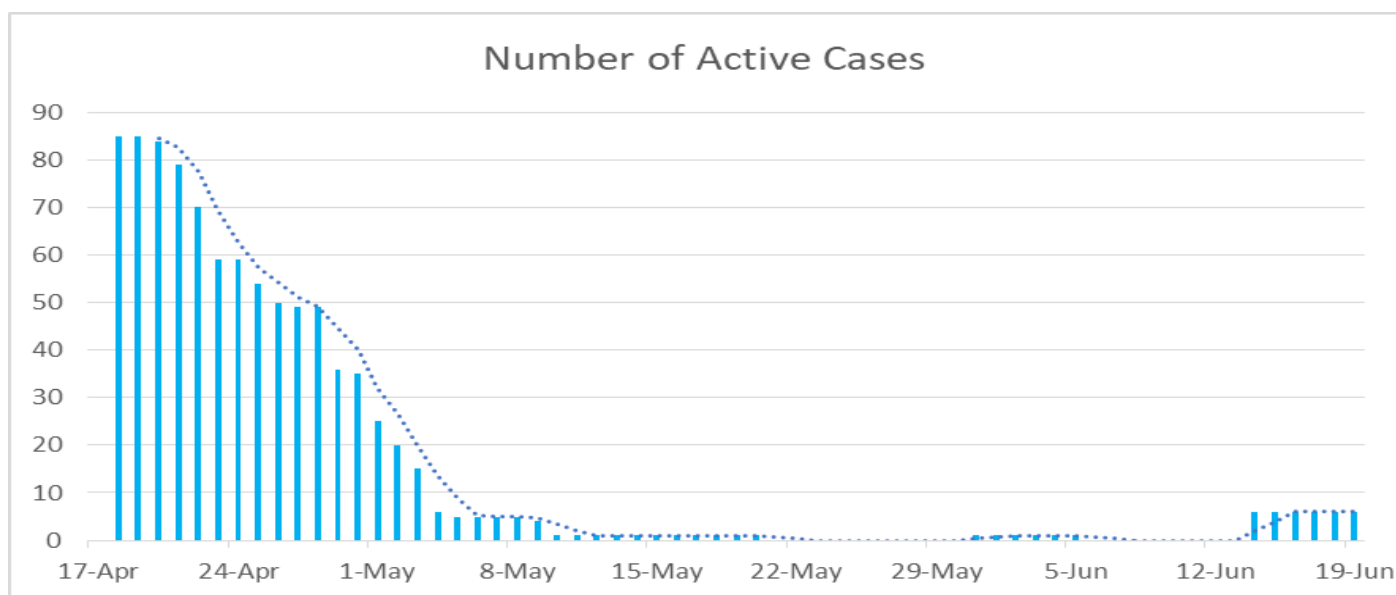


CHART 5K: NUMBER OF ACTIVE CASES- TRINIDAD AND TOBAGO
18 APRIL - 19 JUNE 2020



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CHART 5L: NUMBER OF TESTS CONDUCTED - TRINIDAD AND TOBAGO
18 APRIL - 19 JUNE 2020

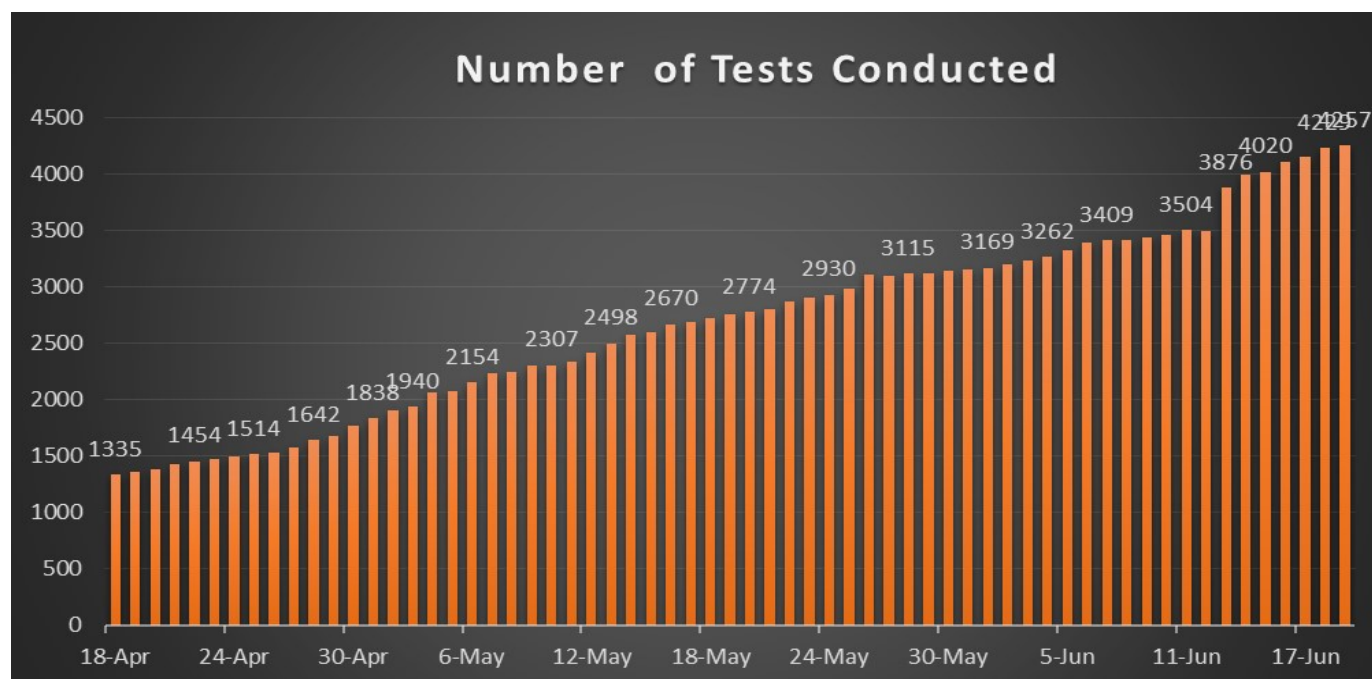
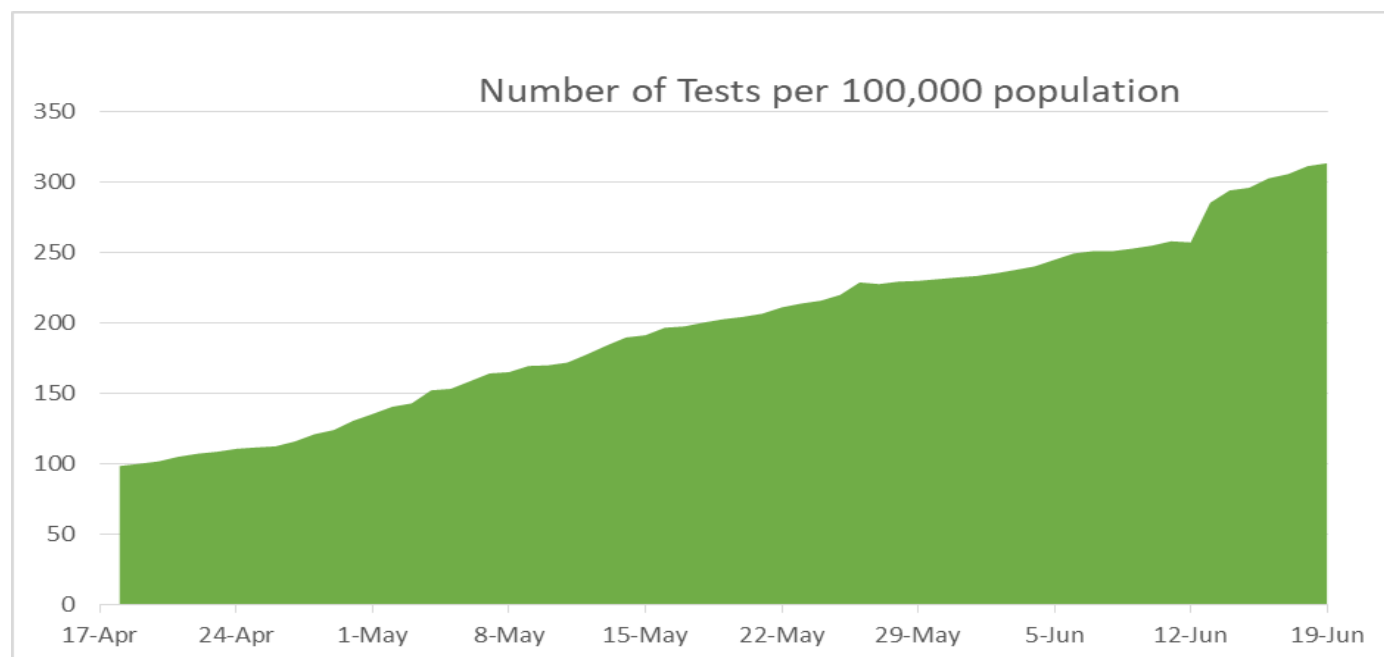


CHART 5M: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - TRINIDAD AND TOBAGO
18 APRIL - 19 JUNE 2020



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CHART 5N: NUMBER OF RECOVERIES - BERMUDA
18 APRIL - 19 JUNE 2020

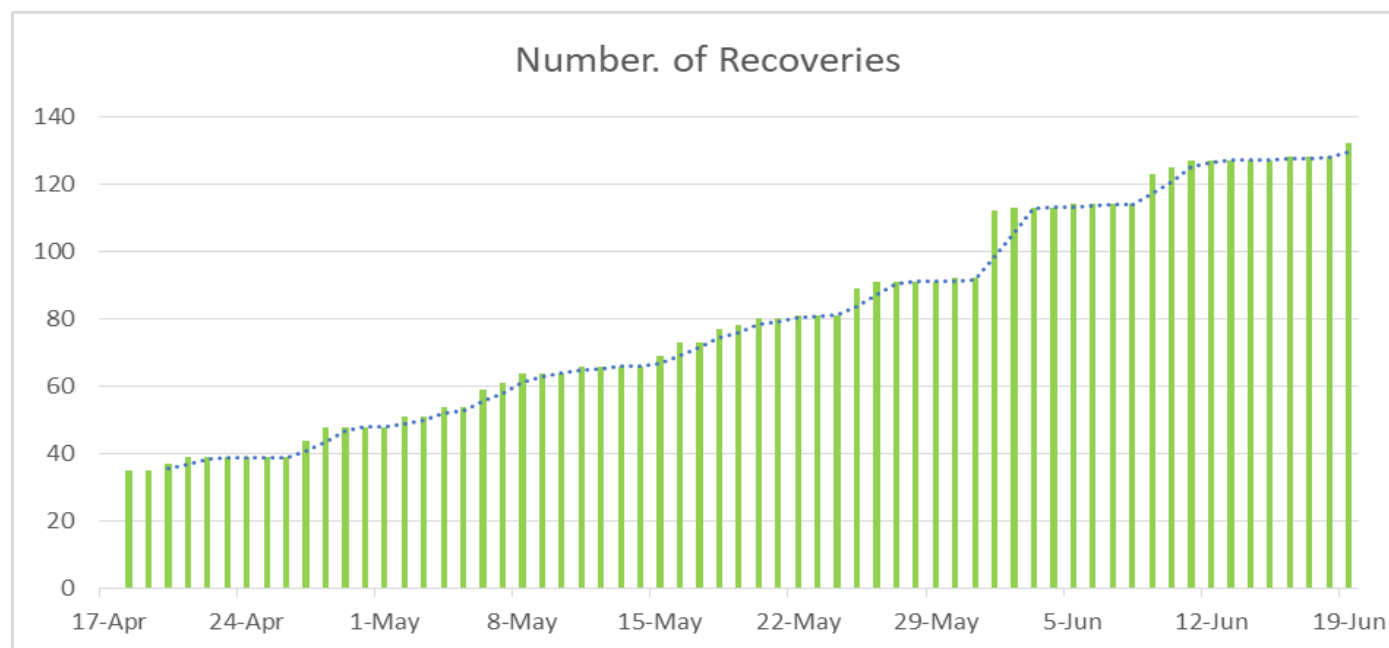
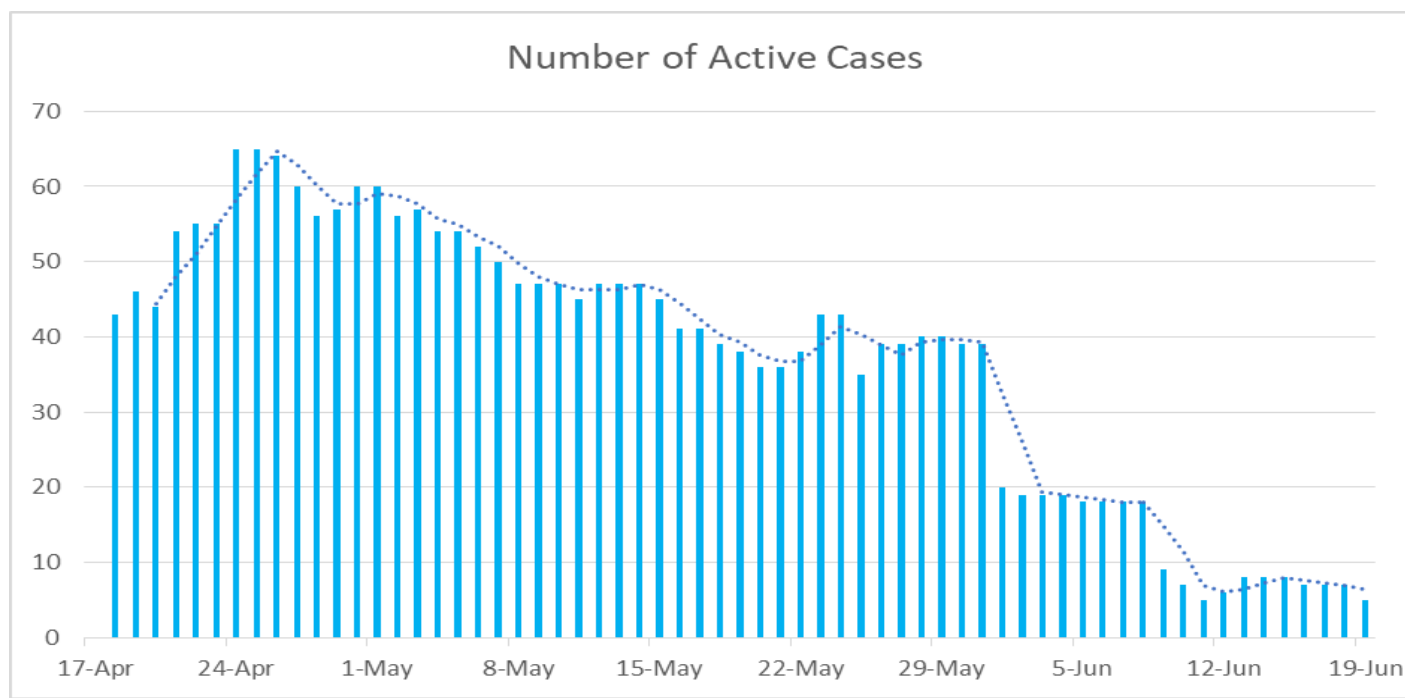


CHART 5O: NUMBER OF ACTIVE CASES - BERMUDA
18 APRIL - 19 JUNE 2020



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CHART 5P: NUMBER OF TESTS CONDUCTED - BERMUDA
18 APRIL - 19 JUNE 2020

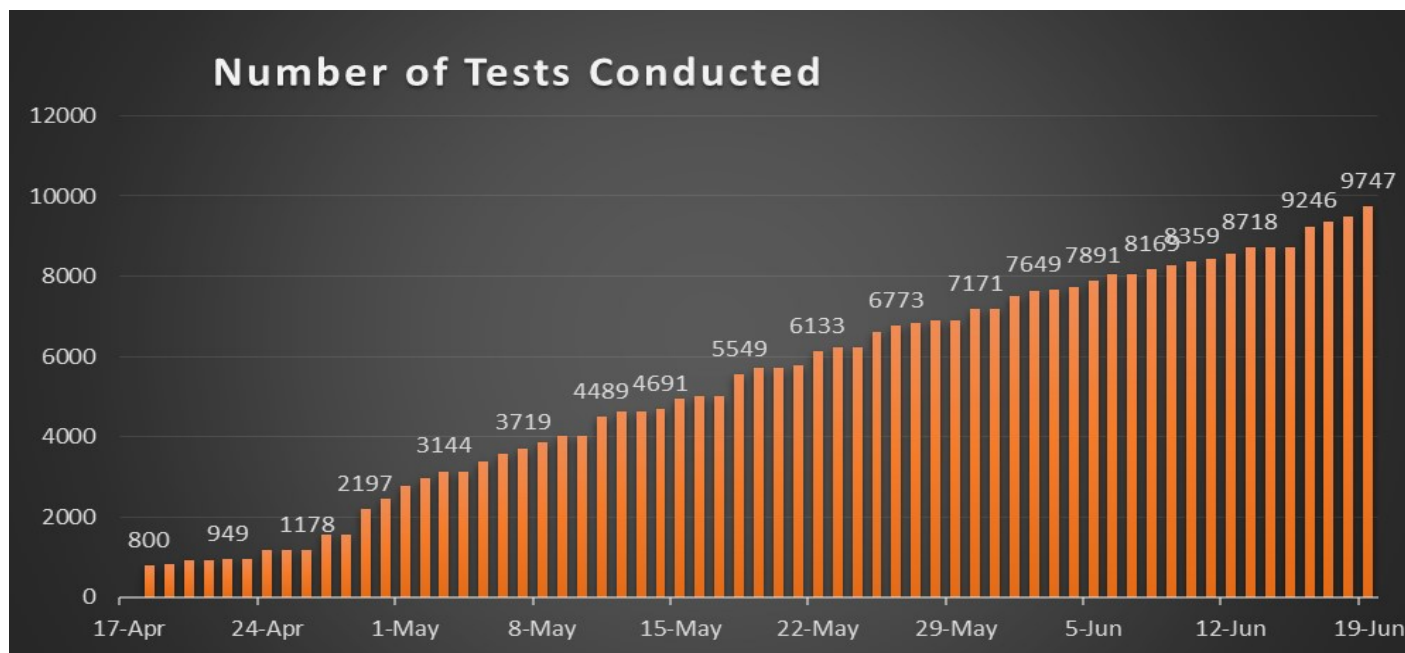
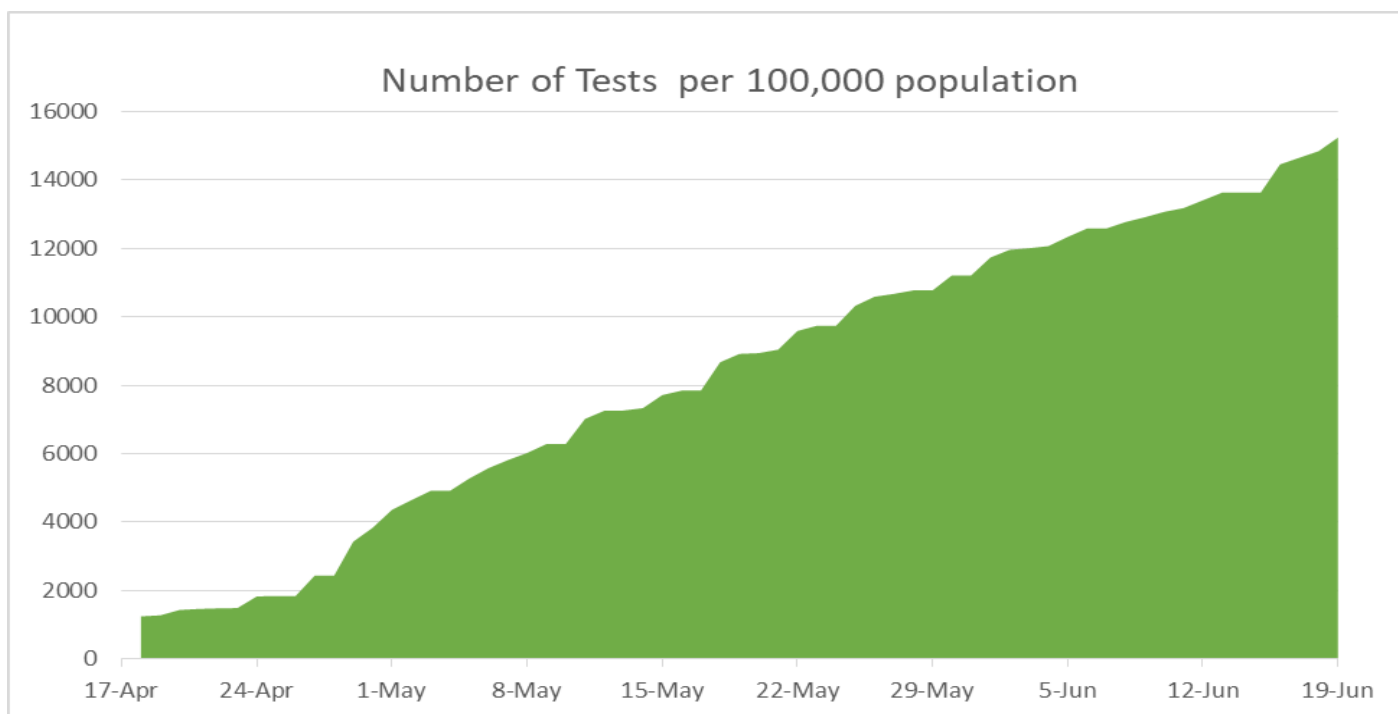






CHART 5Q: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - BERMUDA
18 APRIL - 19 JUNE 2020





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TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 19 JUNE 2020

Country	Imported Transmission 	Local Transmission 	Community Transmission 	Under Investigation 
Trinidad and Tobago	91	24	1	7
Guyana	4	179	0	0
Bermuda	42	85	12	7
Jamaica	148	458	39	7
St. Vincent and the Grenadines	23	6	-	-
Belize	5	17		

Note: There are differences in the classification of mode of transmission, 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 from a work place cluster is placed under local transmission. The number of imported cases is growing due to the repatriation of nationals from cruise liners and from other countries. **Please see Issue 2 for explanations on Mode of Transmission.**

TABLE 7: CONFIRMED CASES BY SEX - SELECTED COUNTRIES AS AT 19 JUNE 2020

Country			Not Stated
Haiti	2940	1976	
Jamaica	273	379	
Cayman Islands	101	94	
Guyana	95	88	
Bermuda	62	84	
Trinidad and Tobago	46	63	14
Barbados	44	53	
Belize	10	12	

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CHART 6: ANTIGUA AND BARBUDA

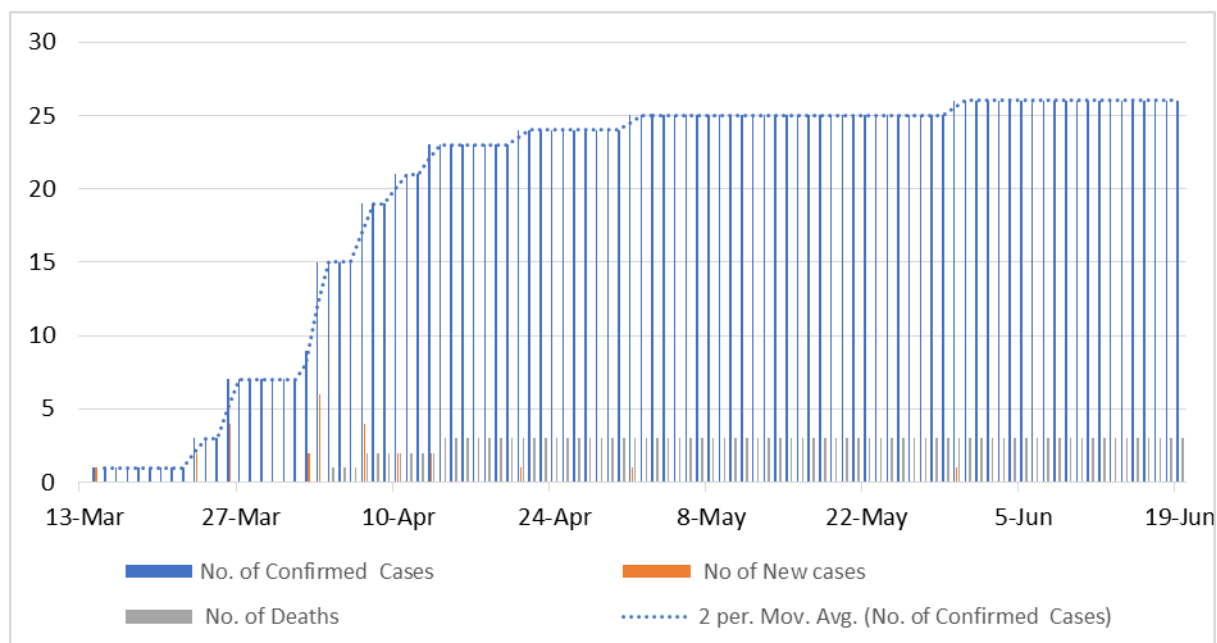
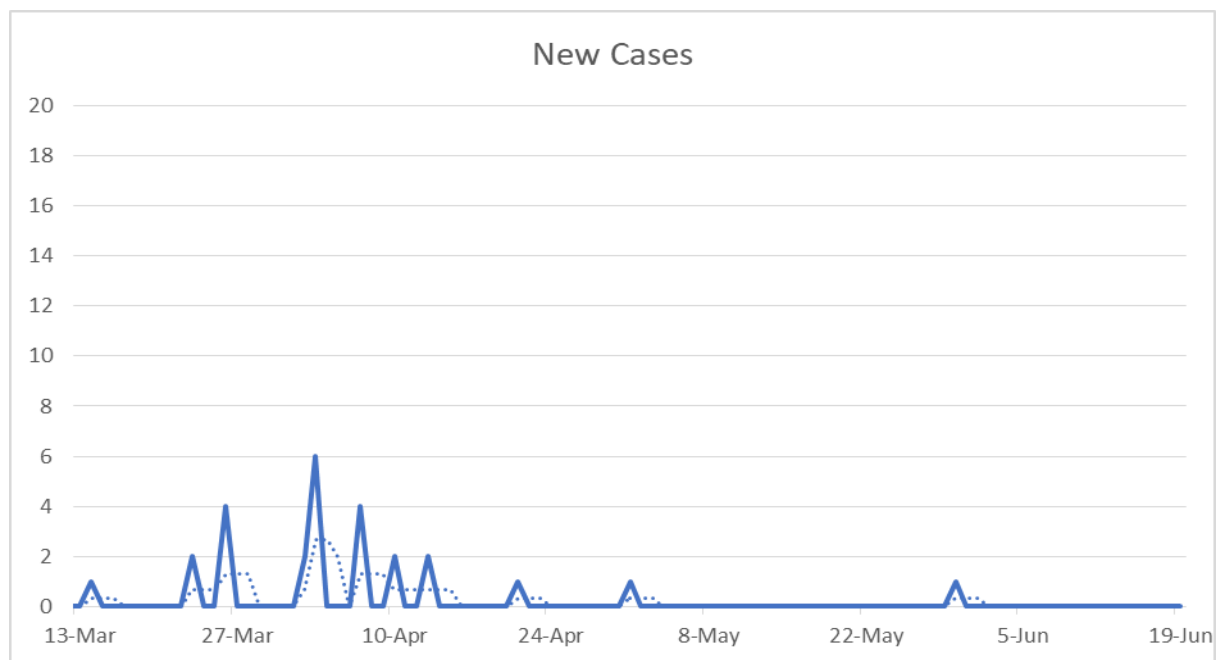
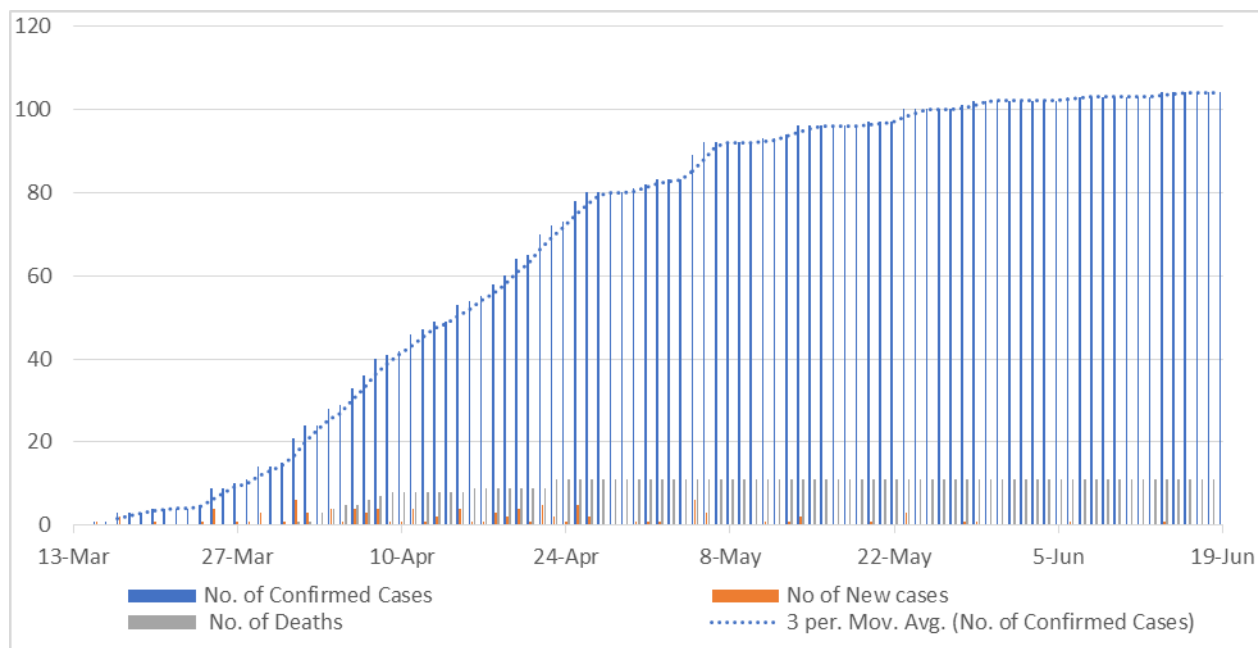
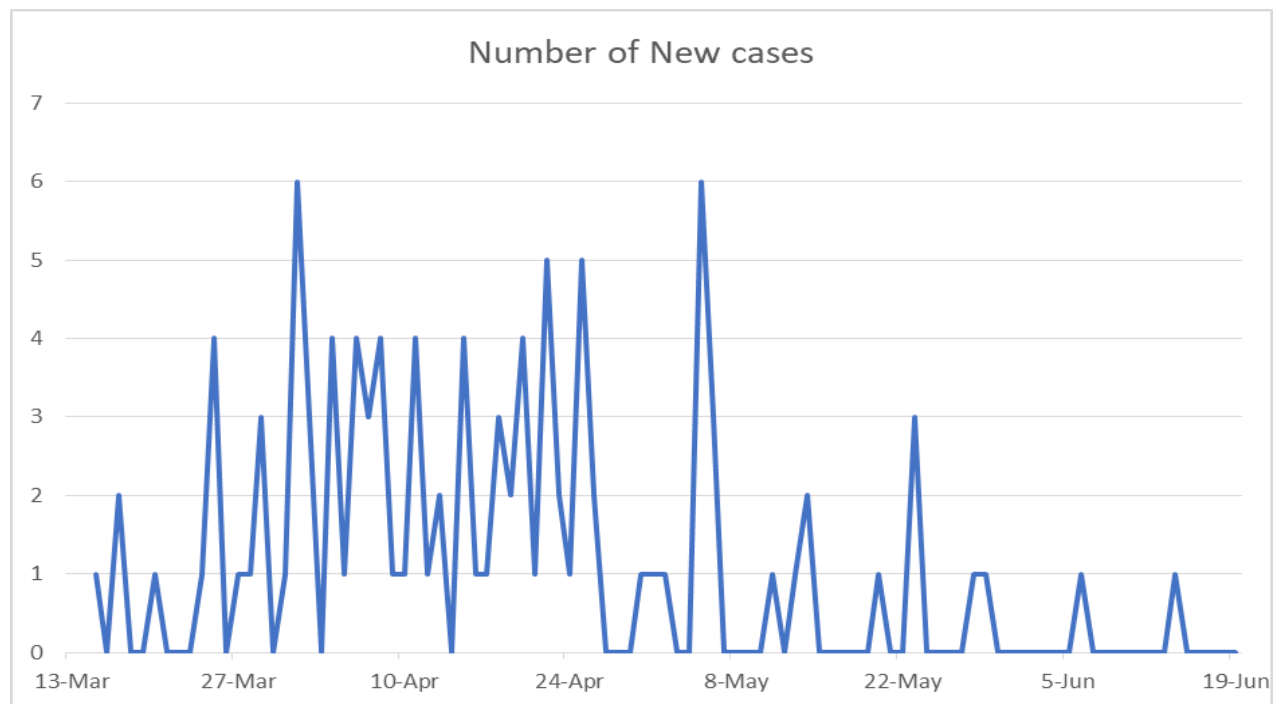


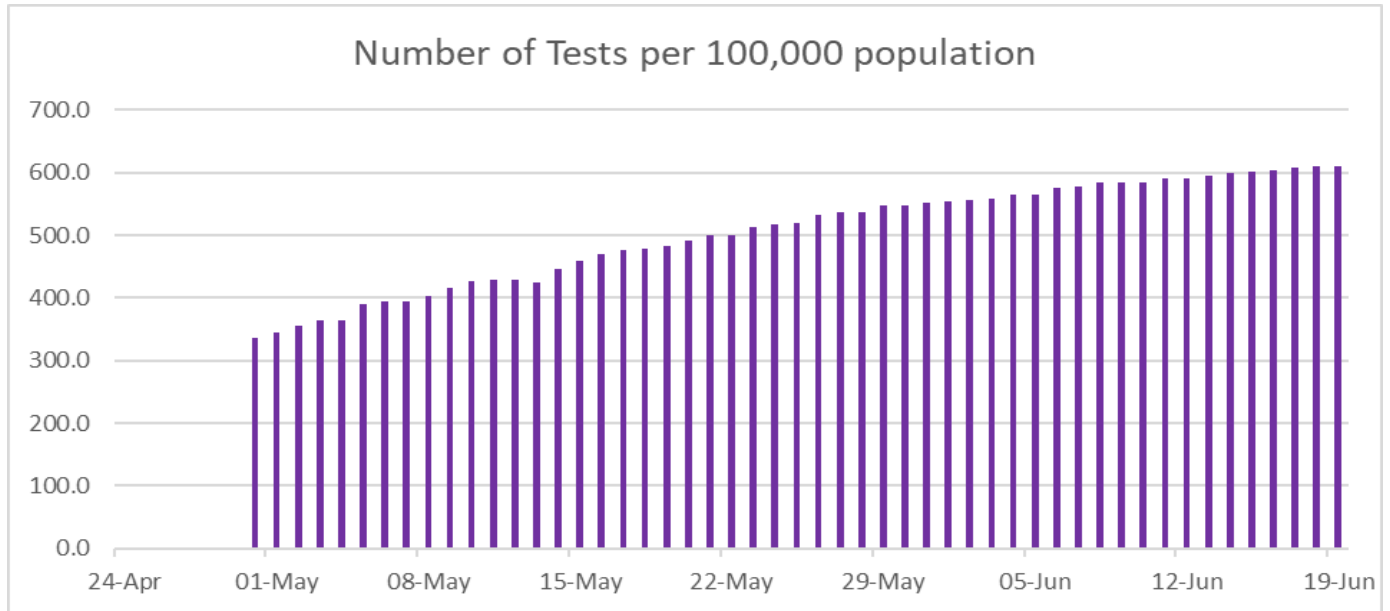
CHART 6A: ANTIGUA AND BARBUDA



Note: Antigua and Barbuda last new case was on **30 May**. There were **no new cases** during **13-19 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 **13-19 June** . The number of confirmed cases stood at **104**, as at **19 June**.

CHART 7B: THE BAHAMAS

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CHART 8: BARBADOS

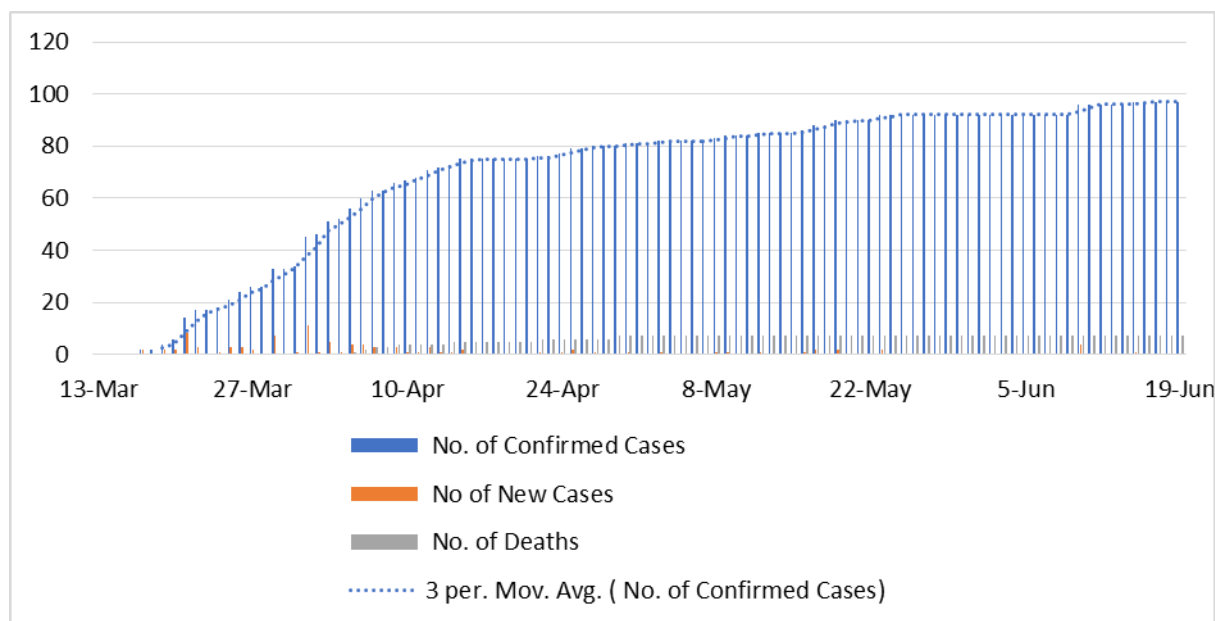
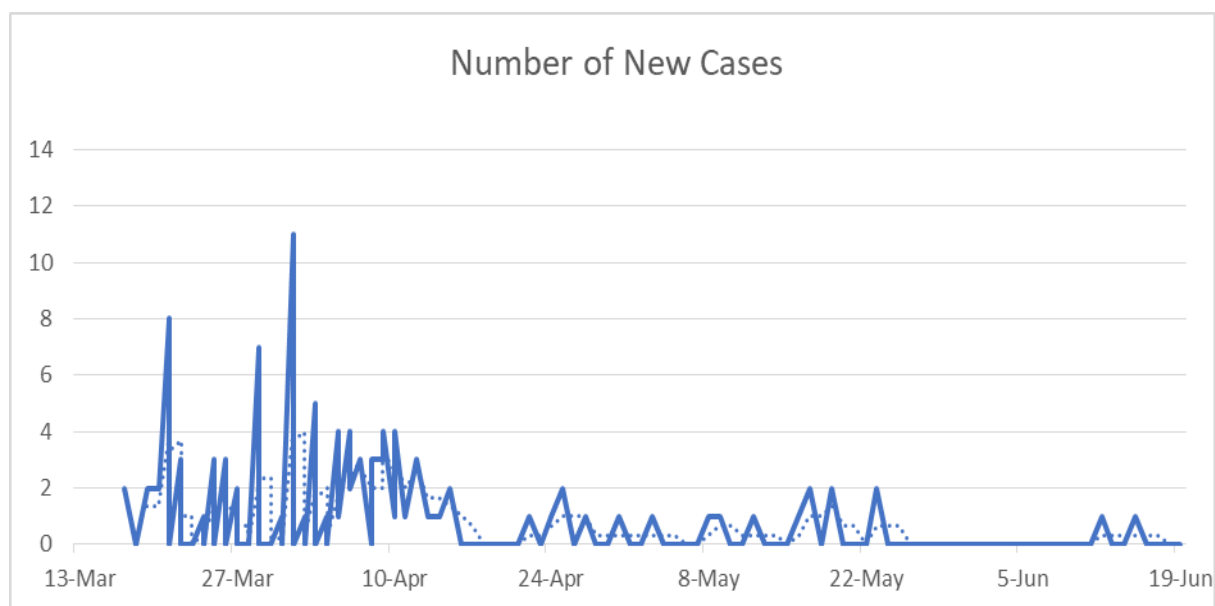


CHART 8A: BARBADOS



Note: Barbados had **one new case** during the current reporting period **13-19 June**. The number of confirmed cases stood at **97** as at **19 June**.

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CHART 9: BELIZE

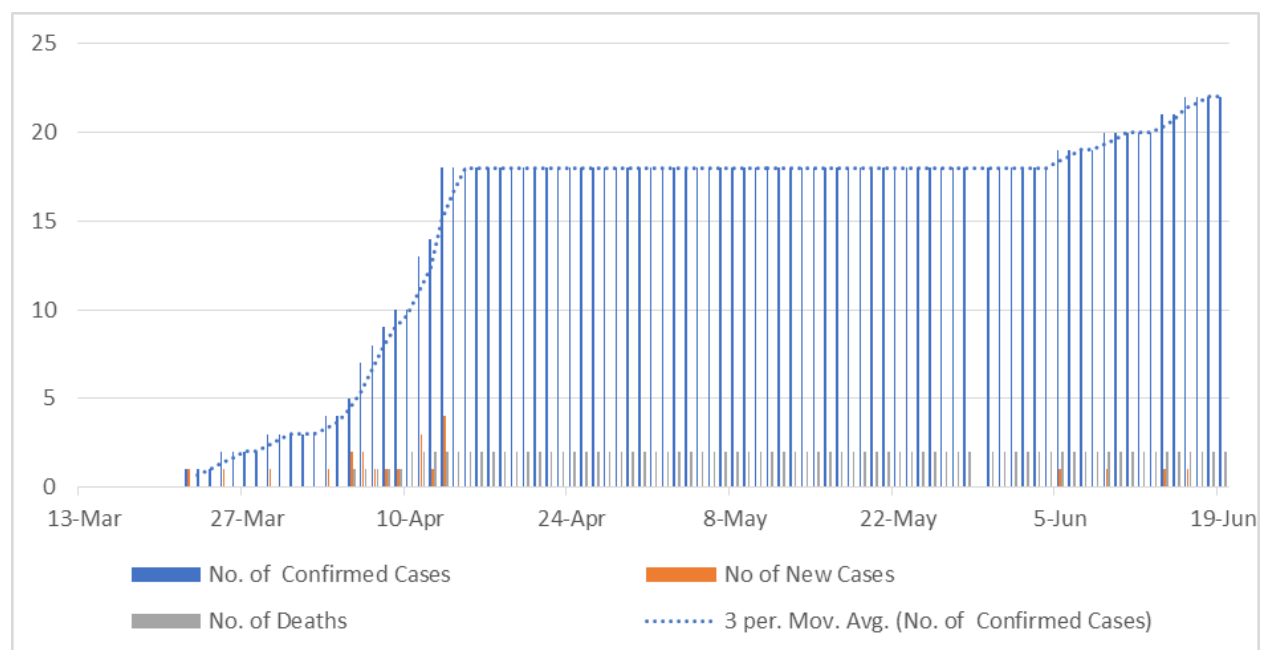
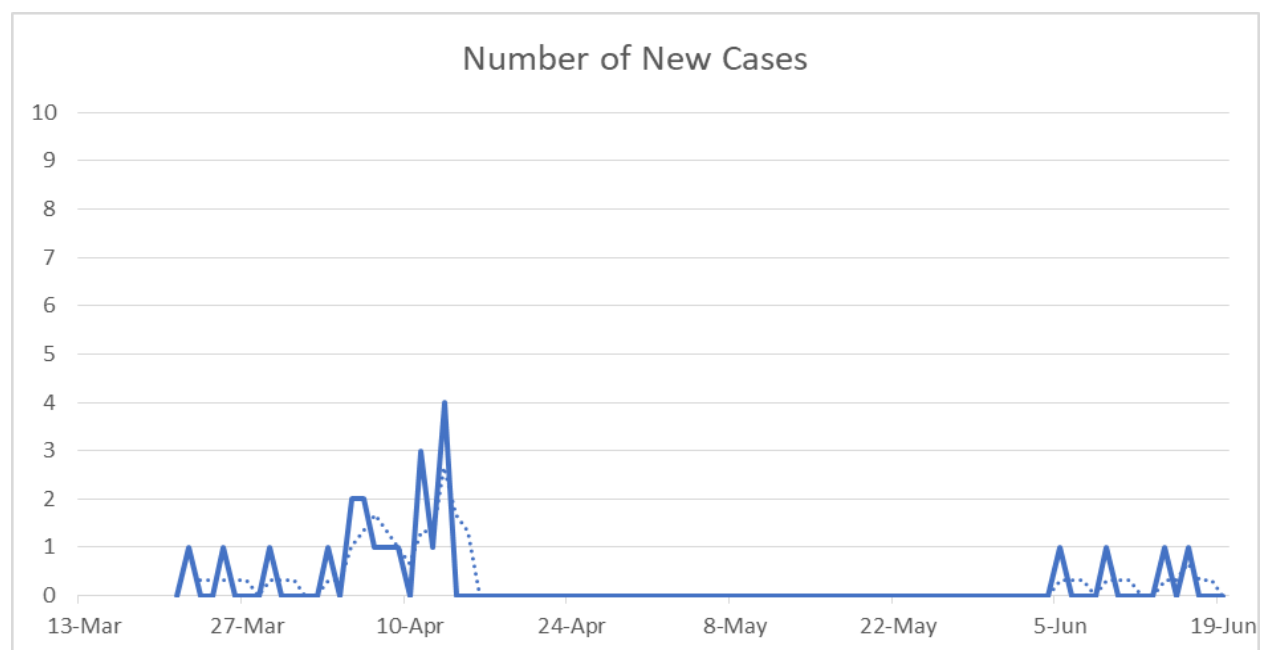
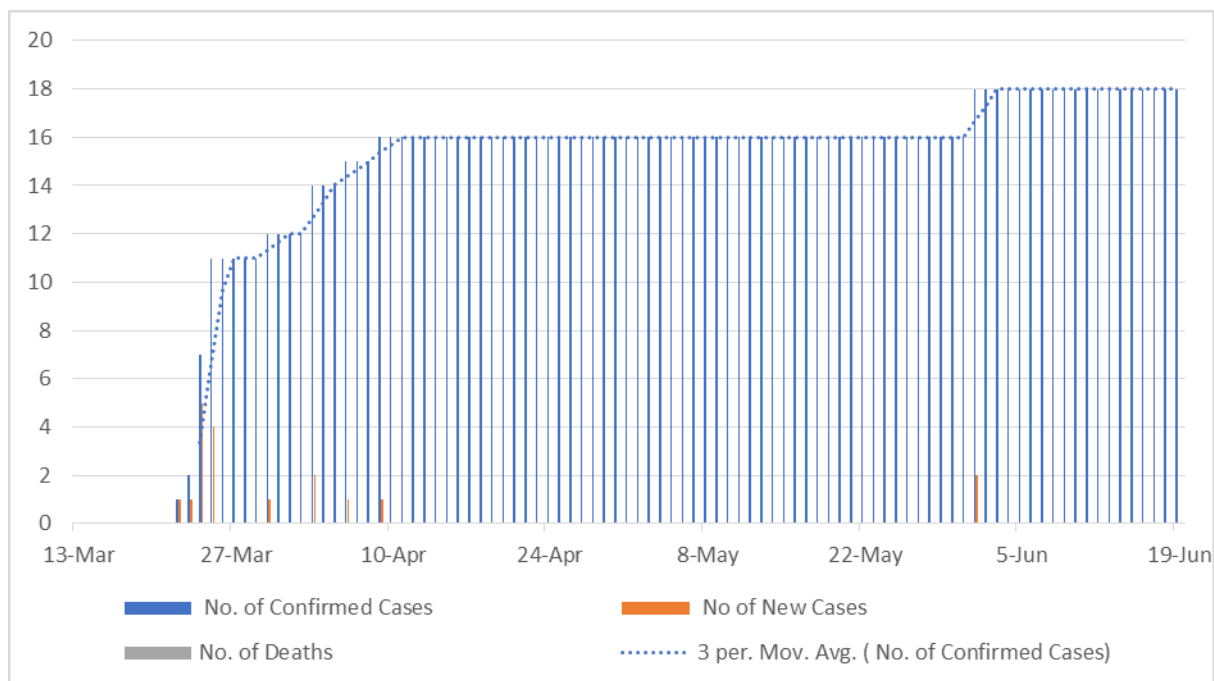
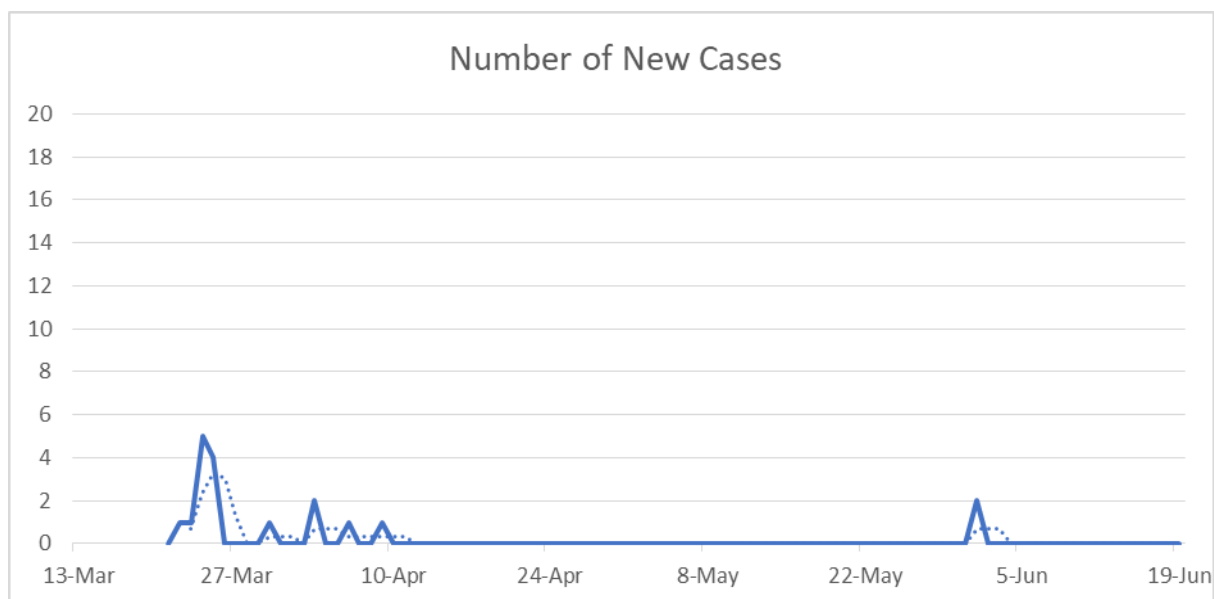


CHART 9A: BELIZE



Note: Belize experienced **2 new cases** during **13-19 June**. The number of cases stood at **22** as at **19 June**.

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

Note: Dominica had **no new cases** of COVID-19 during the current reporting period **13-19 June**. The last new case/cases occurred on **31 May**. The number of cases stood at **18** as at **19 June**.

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CHART 11: GRENADA

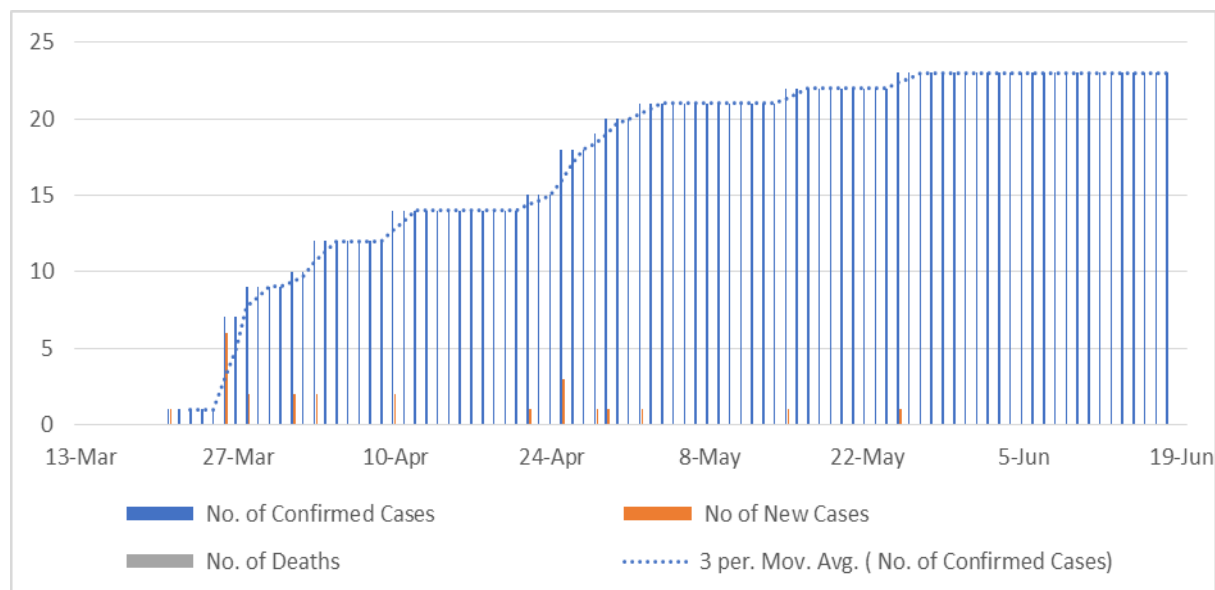
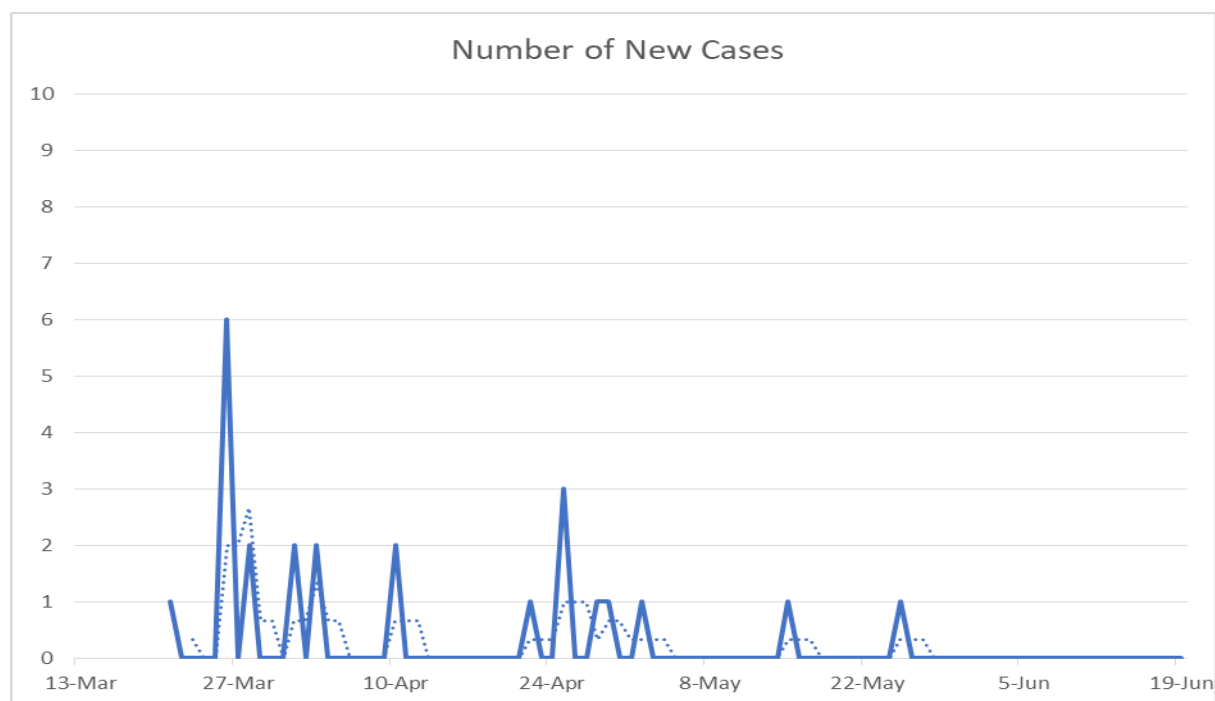


CHART 11A: GRENADA



Note: There were **no new cases** in Grenada during **13-19 June**. The last new case occurred on **25 May**. The number of cases stood at **23** as at **19 June**.

CHART 12: GUYANA

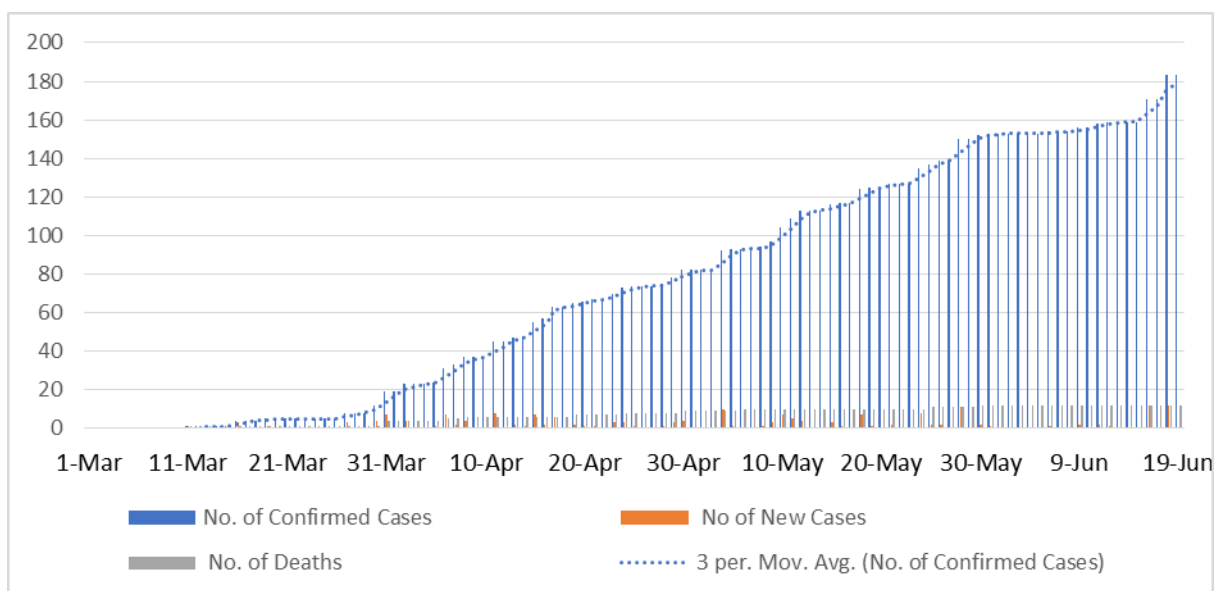
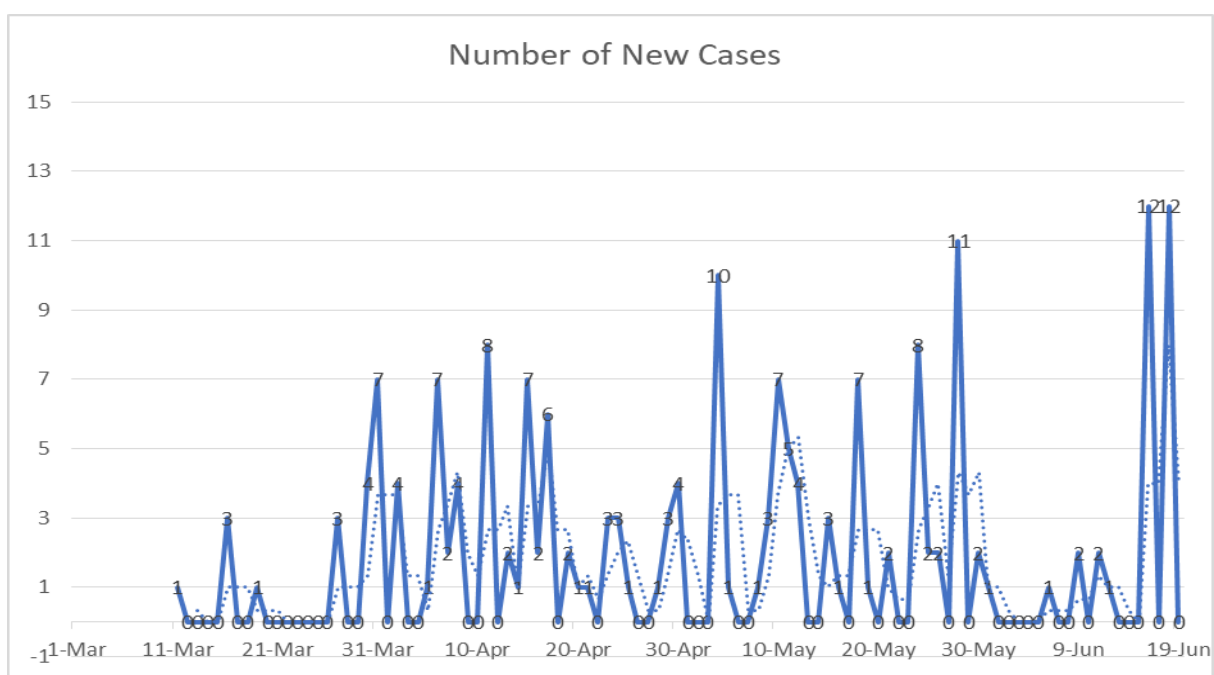


CHART 12A: GUYANA



Note: There were **24 new cases** in Guyana during **13-19 June** as compared to **6** during **6-12 June** and **23** new cases during **23-29 May**. The number of confirmed cases for Guyana increased to **183** as at **19 June**.

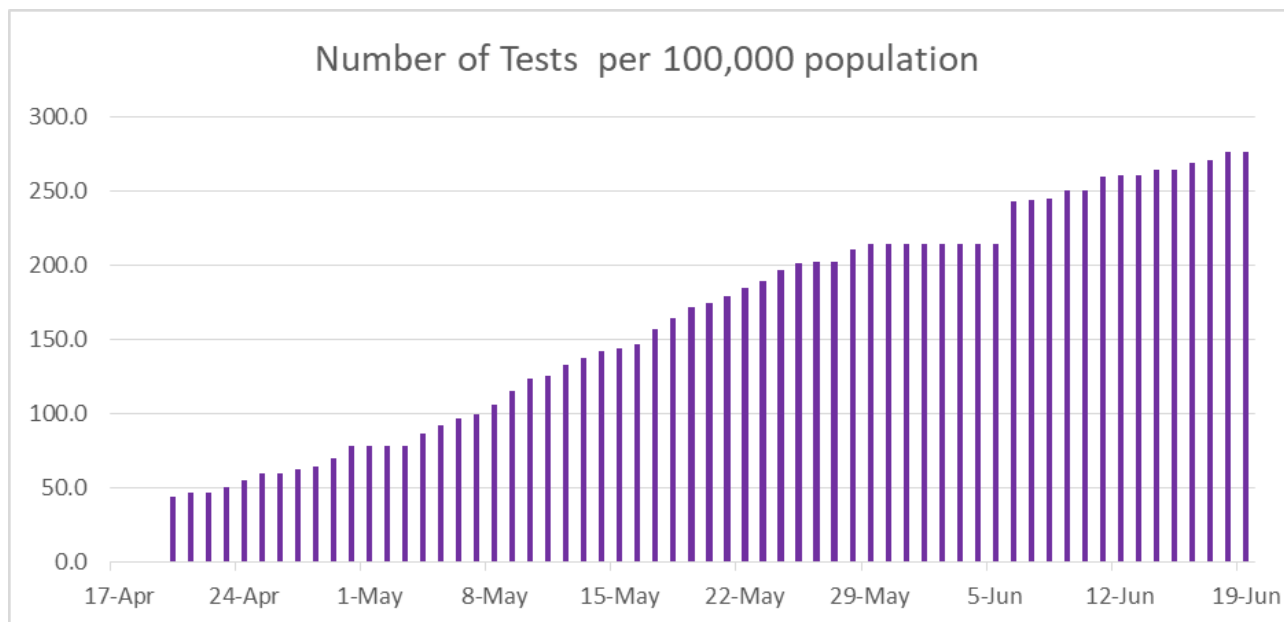
CHART 12B: GUYANA

CHART 13: HAITI

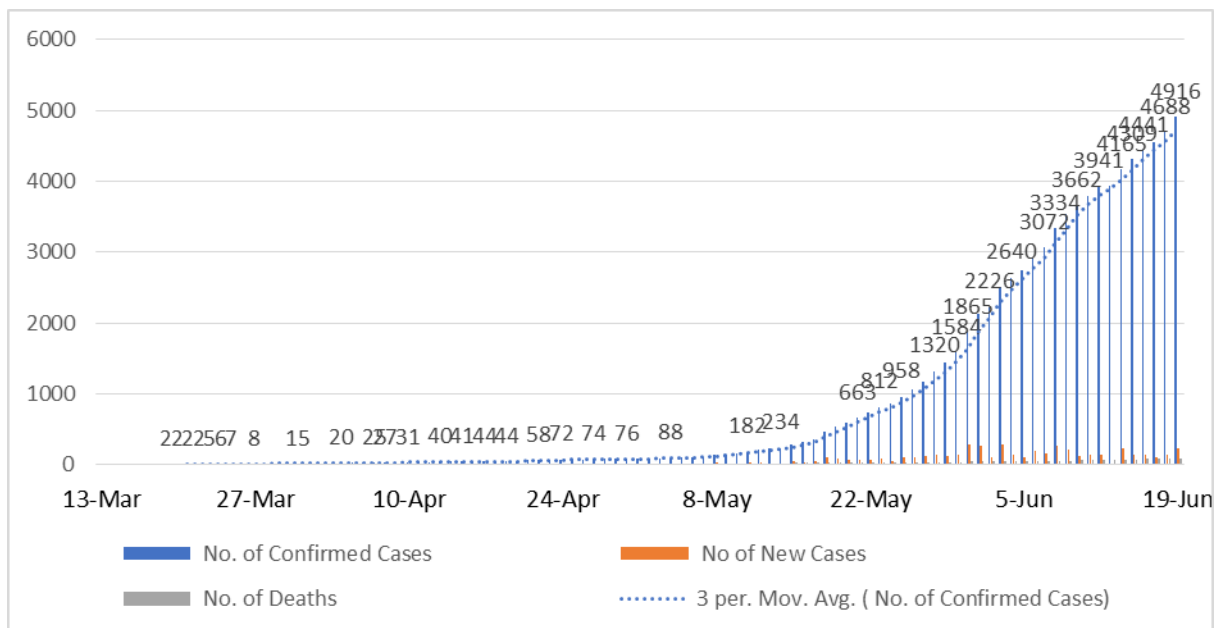
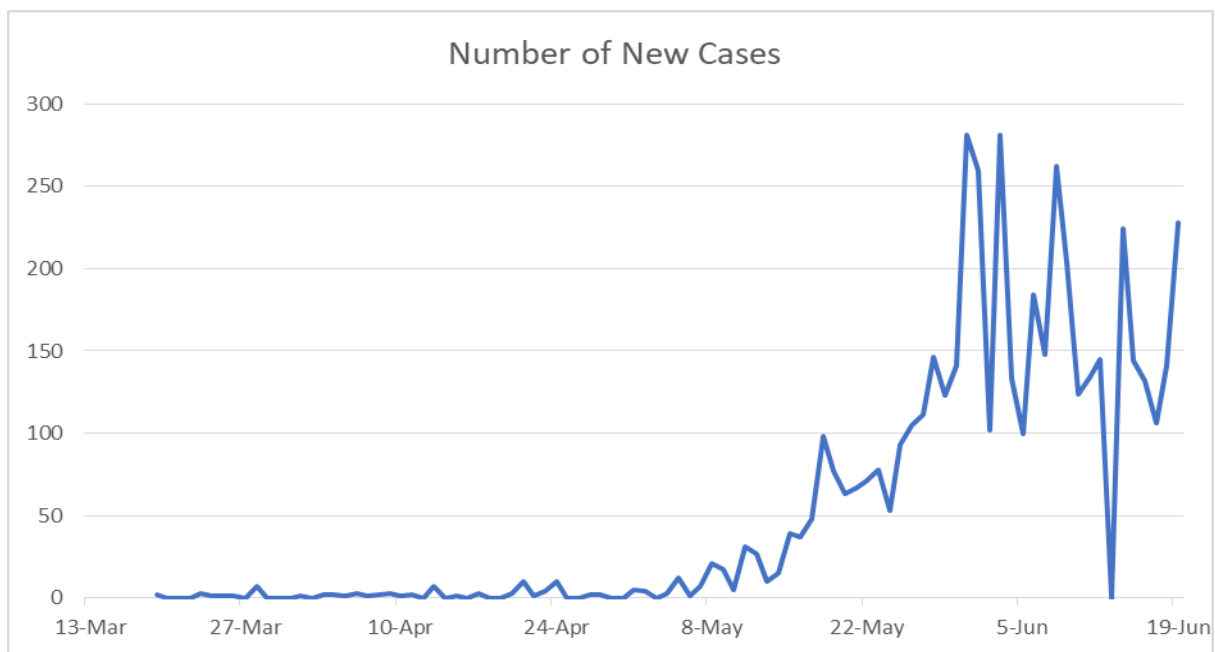
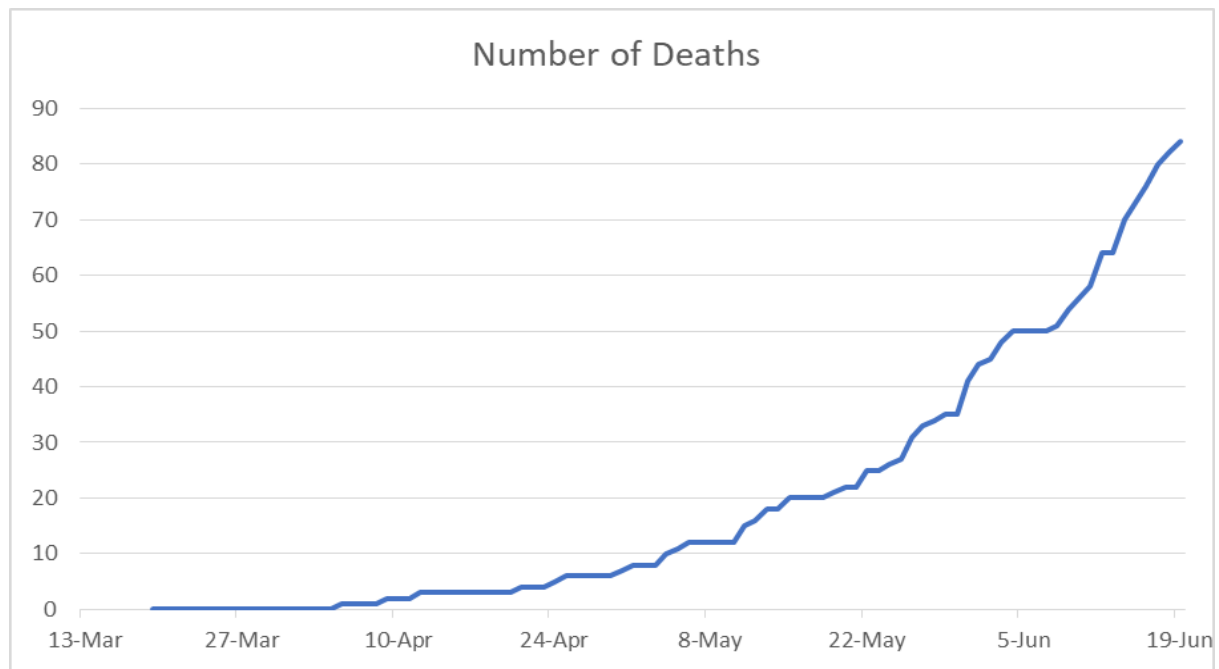
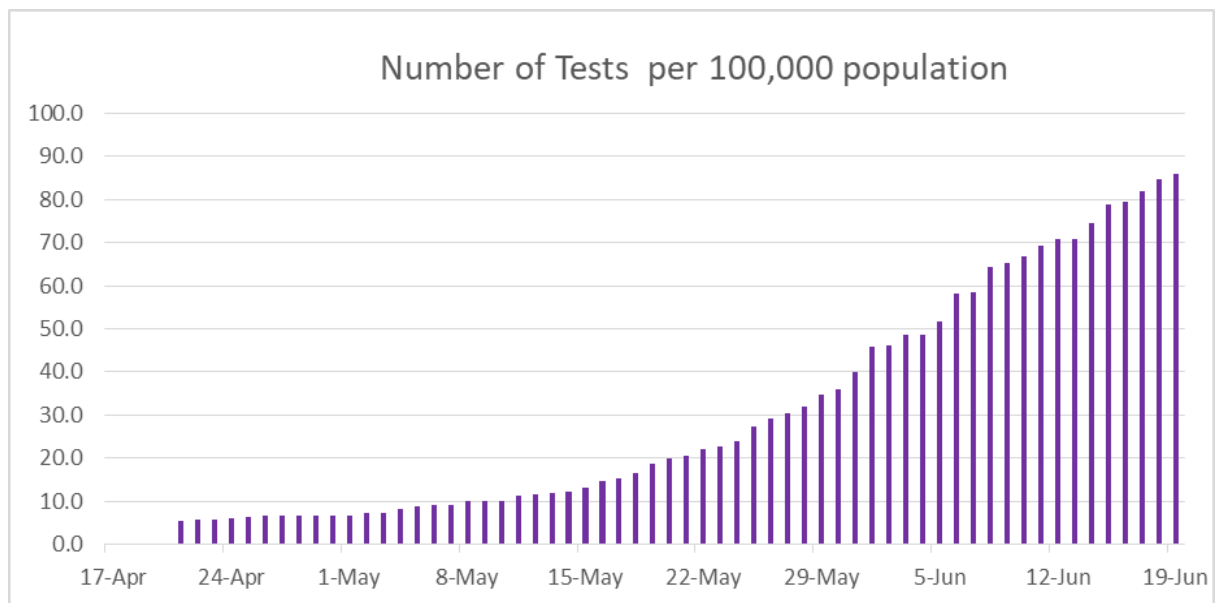


CHART 13A: HAITI



Note: There were **975** new cases in Haiti during **13-19 June** as compared to **1201** new cases during **6-12 June**, **709** for the period **23-29 May** and **461** new cases from **16 -22 May**. The **975** new cases represented a reduction of **226** new cases from the last reporting period and also contributed to **83.5 percent** of the total new cases for CARICOM which stood at **1167**. The total number of cases for Haiti stood at **4916** as at **19 June**, which is on the brink of 5000 cases.

Special Topic Bulletin - COVID 19**CHART 13B: HAITI****CHART 13C: HAITI**

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CHART 14: JAMAICA

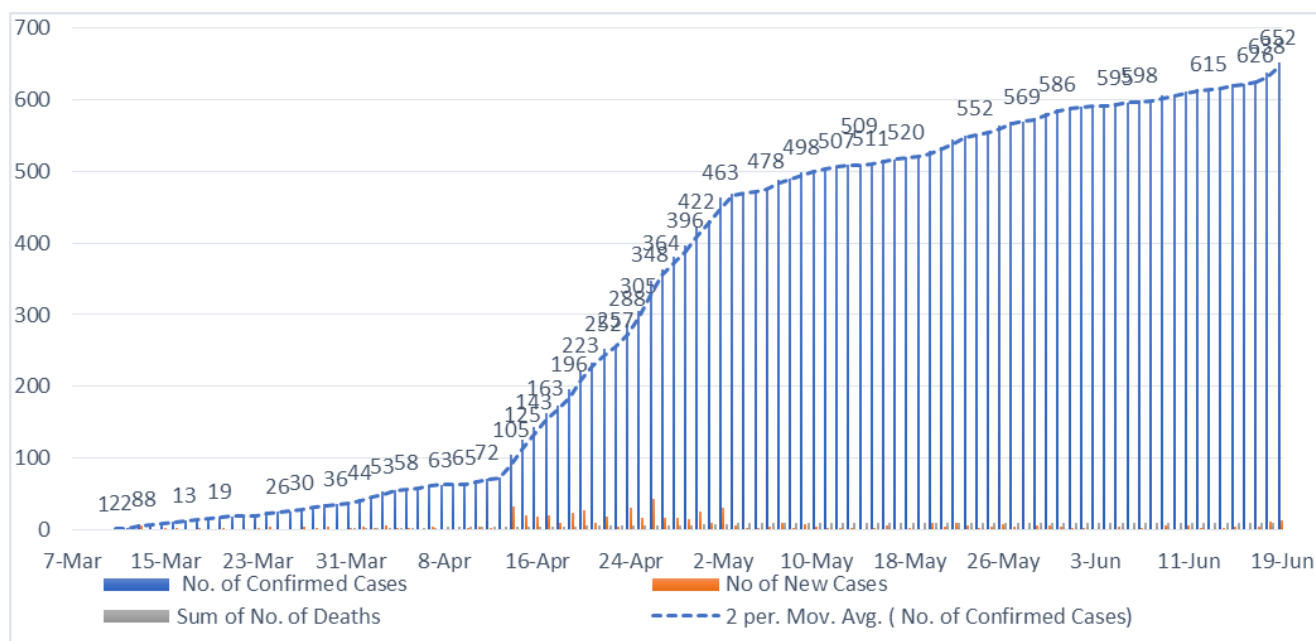
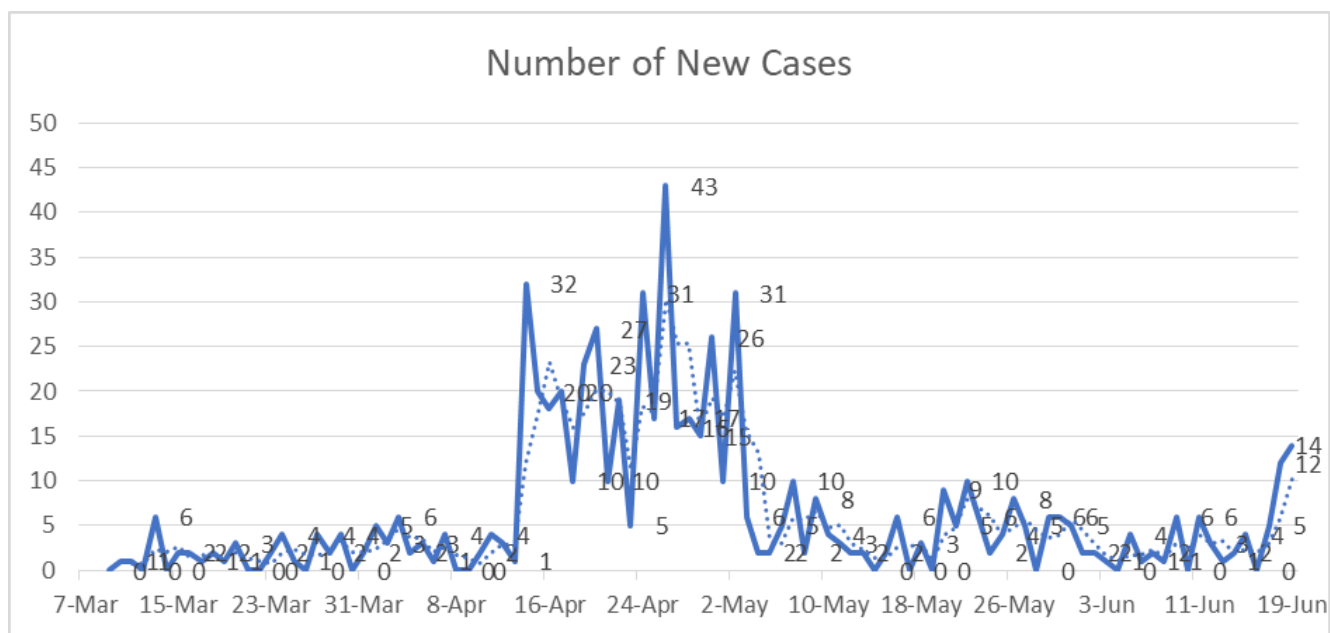
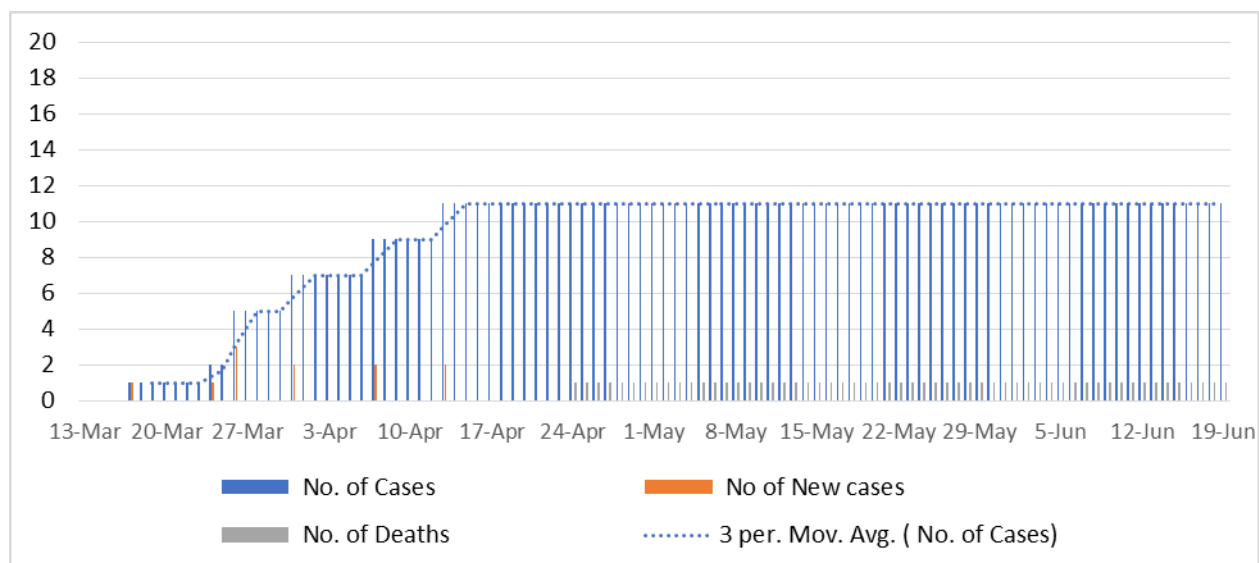
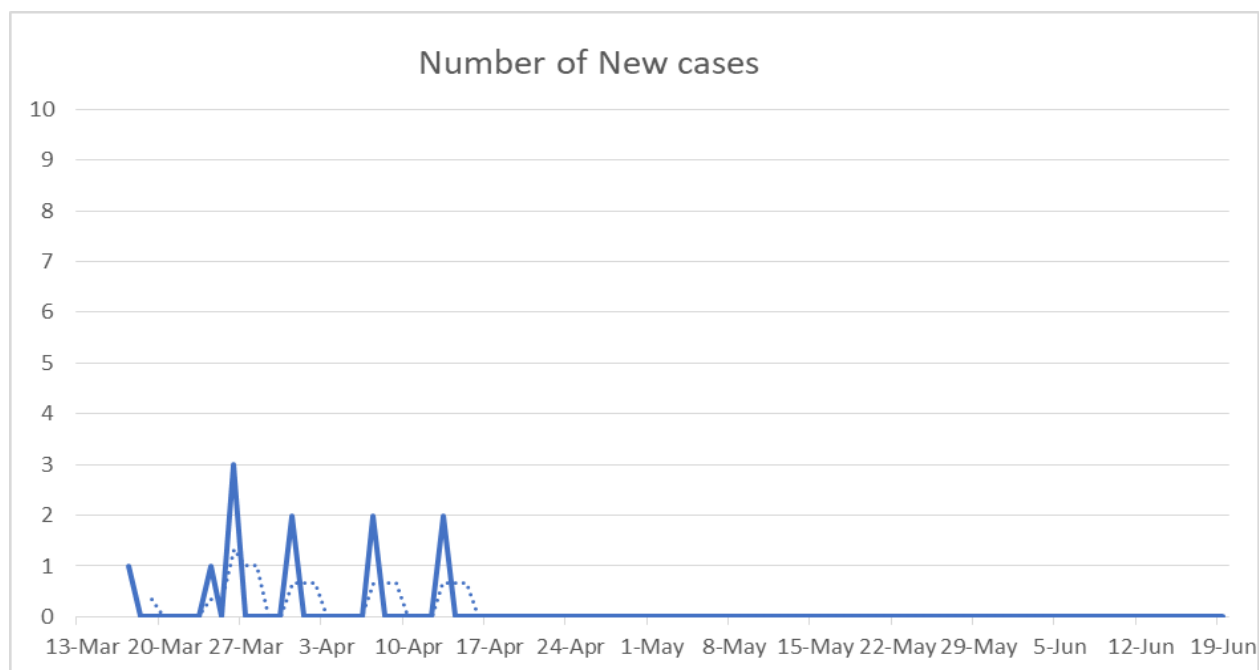


CHART 14A: JAMAICA



Note: Jamaica had 38 new cases during 13-19 June primarily based on repatriation of nationals. This figure compares with 19 new cases during the period 6-12 June, 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 652 as at 19 June.

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

Note: There were **no new cases** in Montserrat since **13 April**, a period of **67 days** up to **19 June**.

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CHART 16: SAINT LUCIA

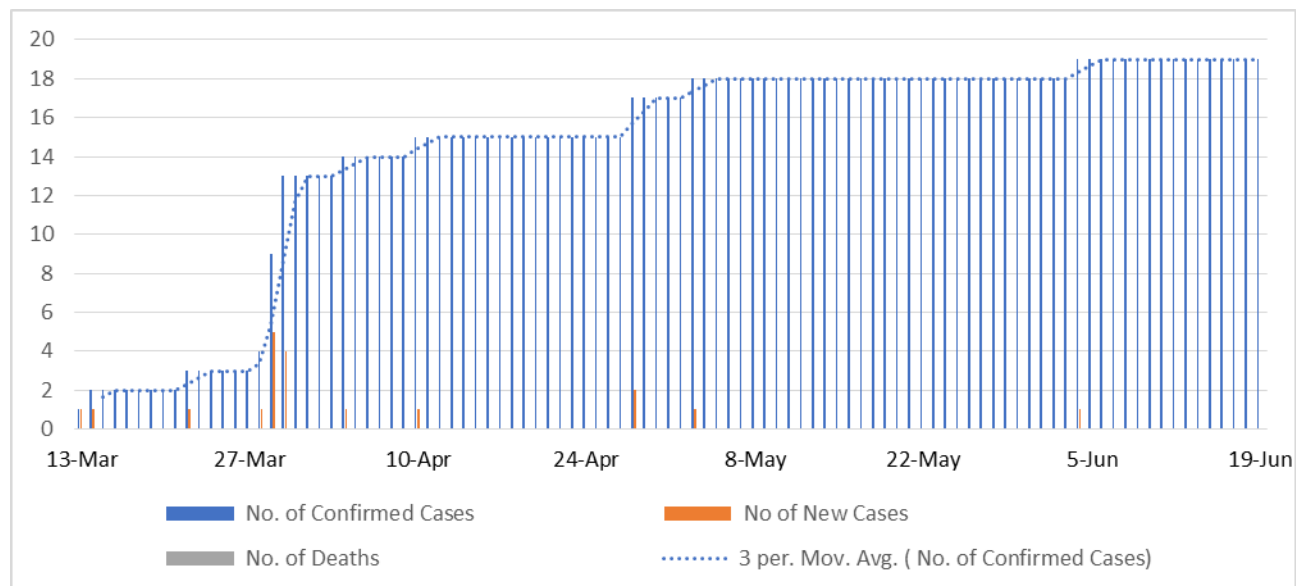
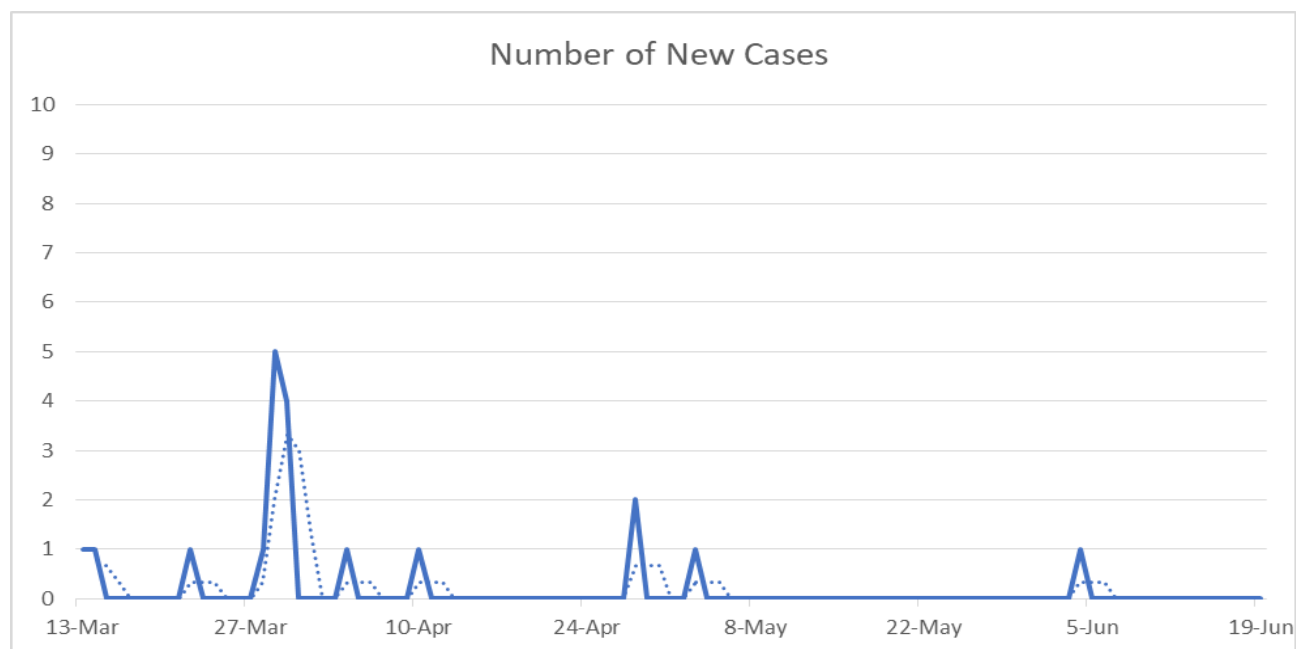


CHART 16A: SAINT LUCIA



Note: There were **no new cases** in Saint Lucia for the period **13-19 June** similar to **6-12 June**. The number of cases stood at **19** as at **19 June**.

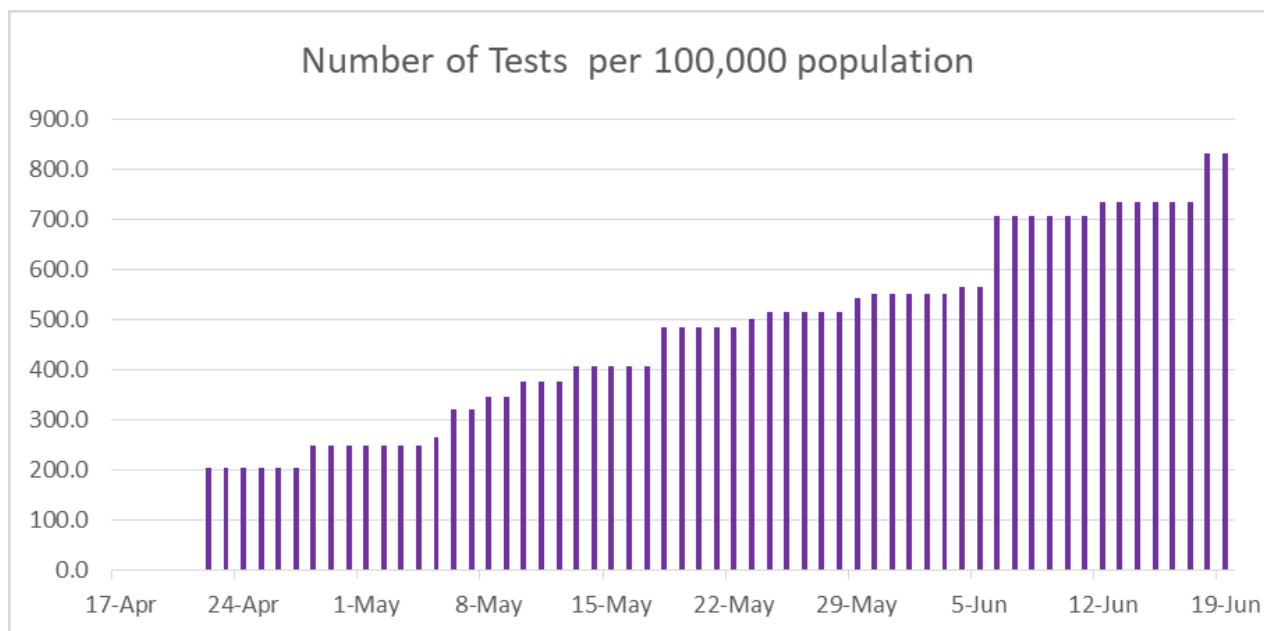
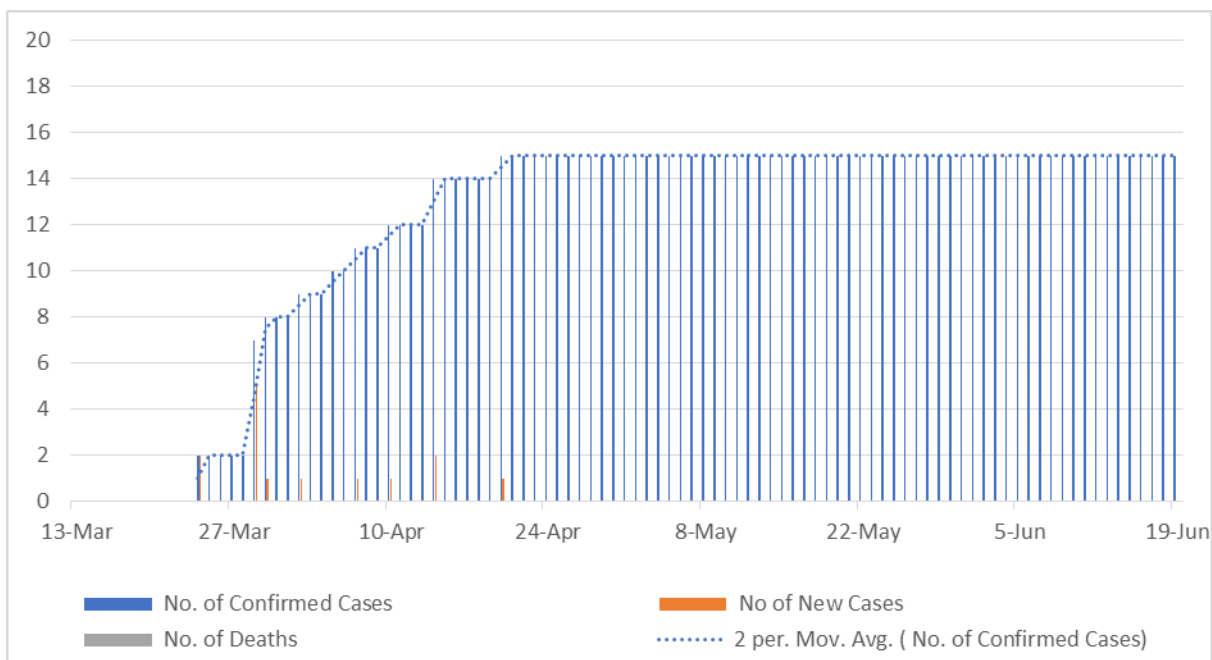
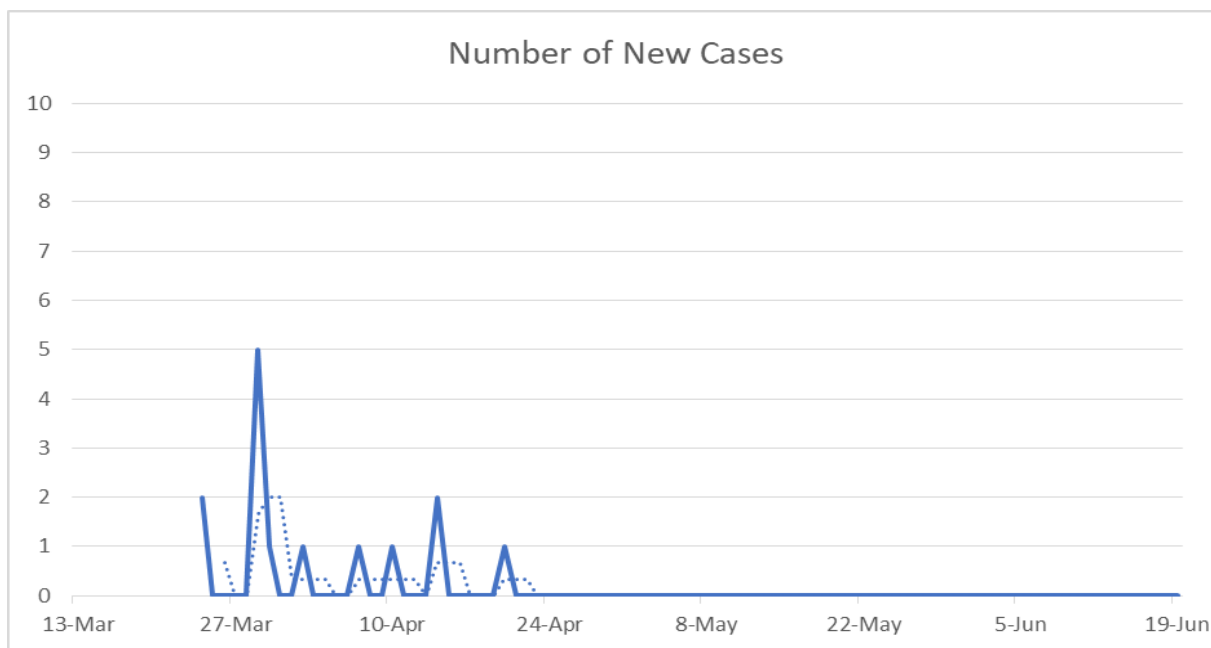
CHART 16B: SAINT LUCIA

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 **60 days** up to **12 June**.

CHART 18: ST. VINCENT AND THE GRENADINES

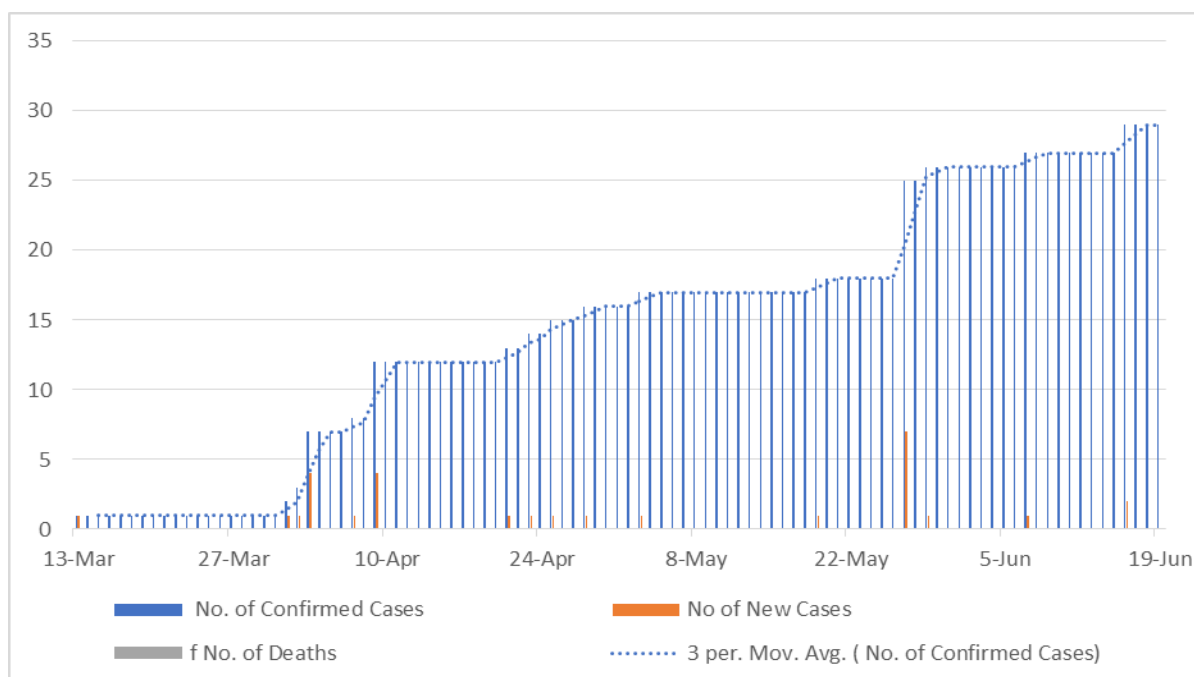
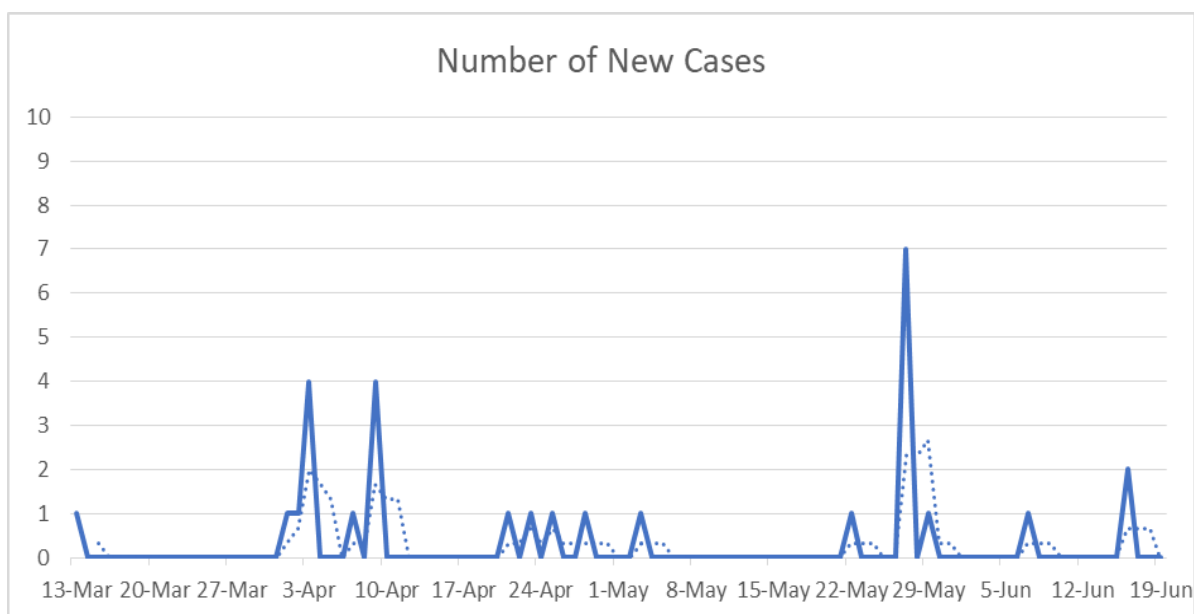
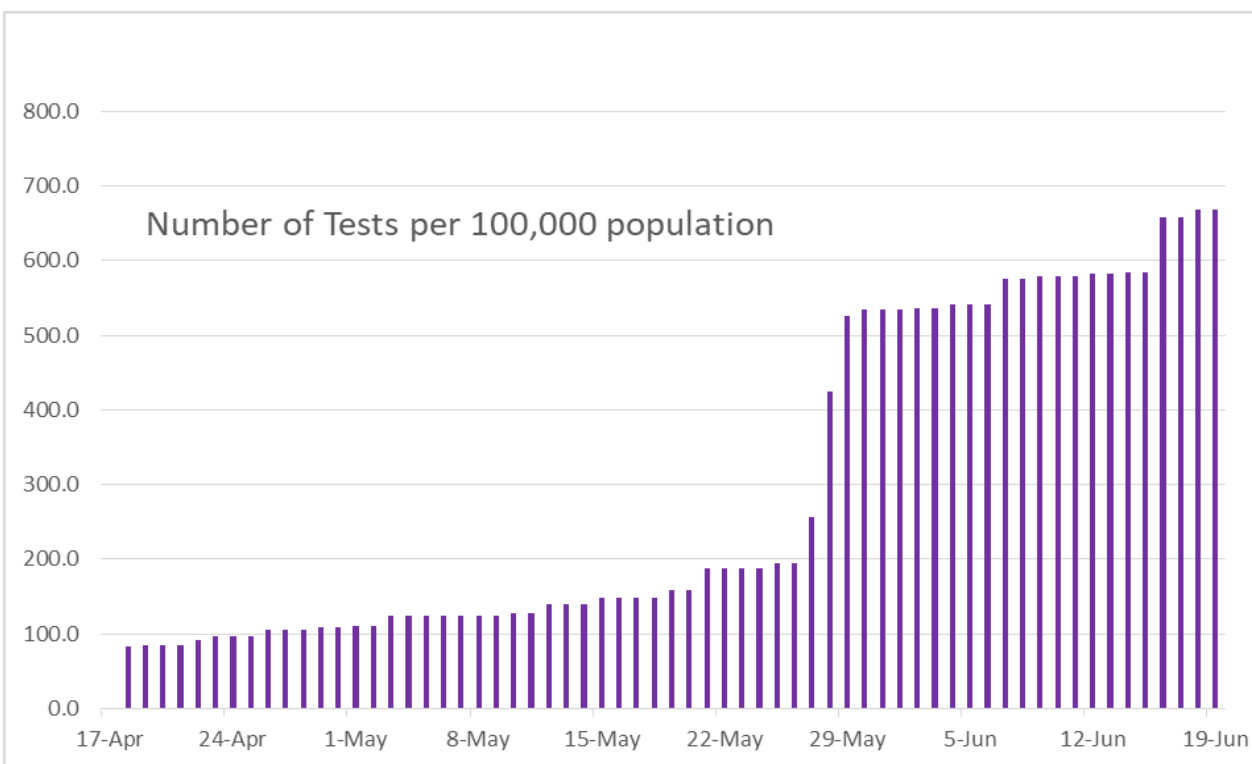


CHART 18A: ST. VINCENT AND THE GRENADINES



Note: There were **2** new cases in case in St Vincent and the Grenadines during **13-19 June** after having **one** new case during **6-12 June** and **no** new cases during **30 May—5 June**. The new cases were primarily due to repatriated crew members (nationals) from a cruise liner. The number of cases in St Vincent and the Grenadines stood at **29** as at **19 June**.

CHART 18B: ST. VINCENT AND THE GRENADINES

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CHART 19: SURINAME

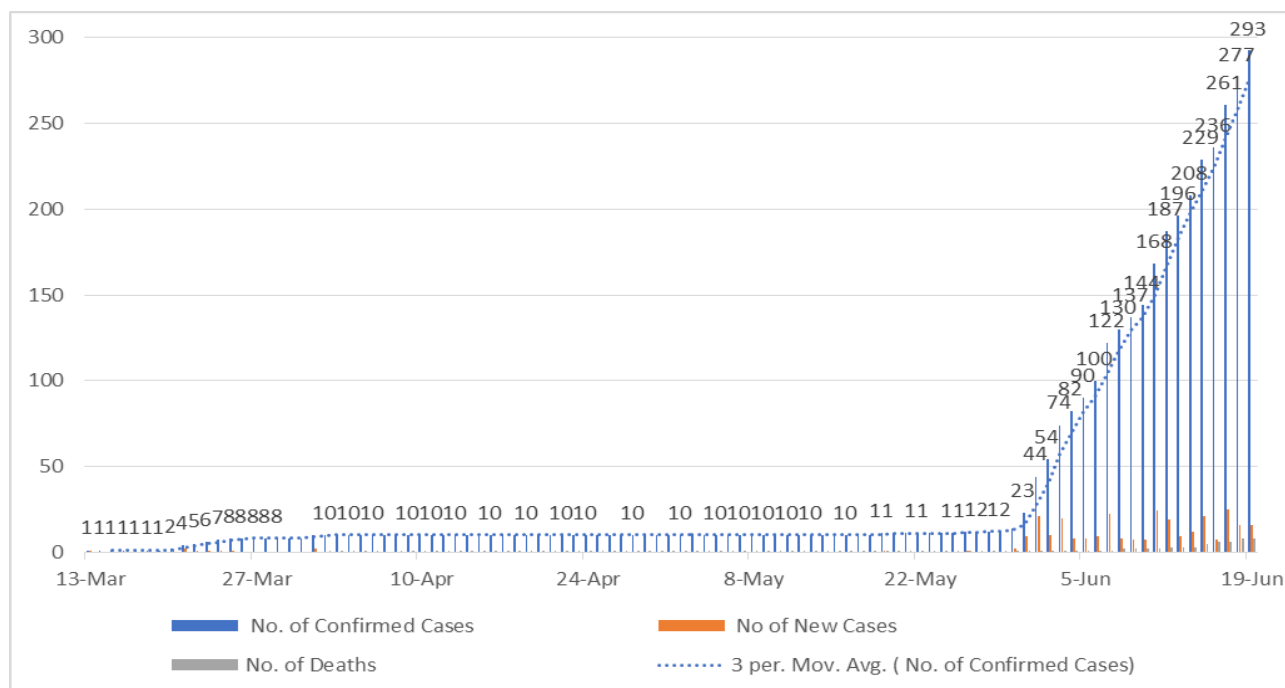
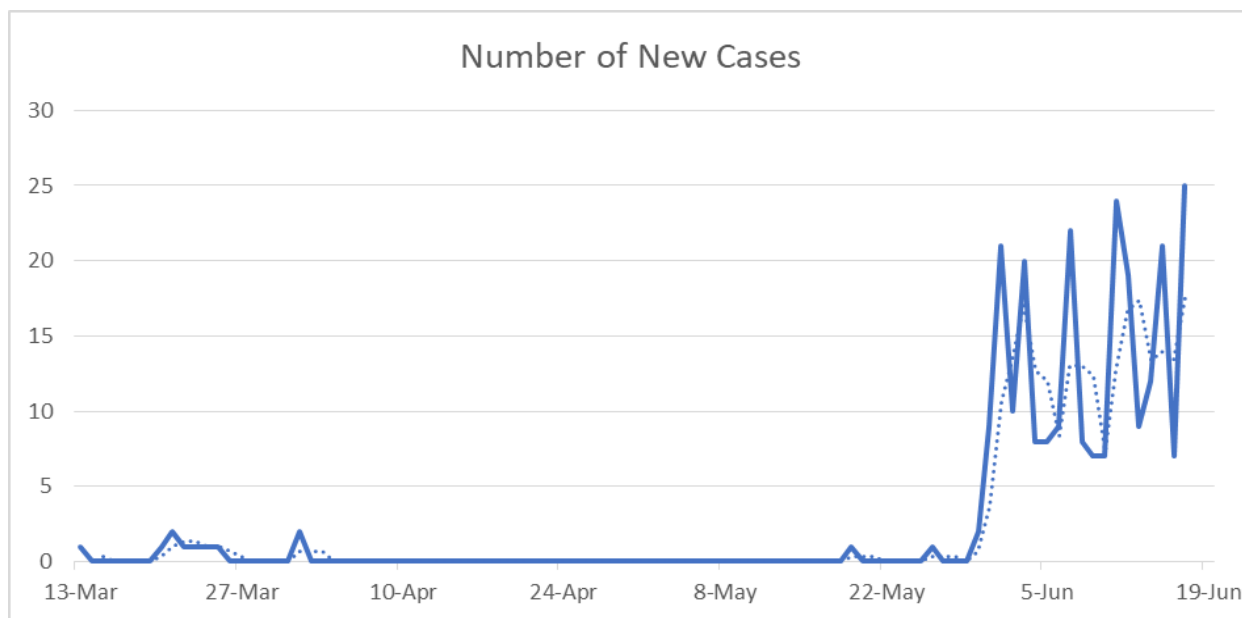
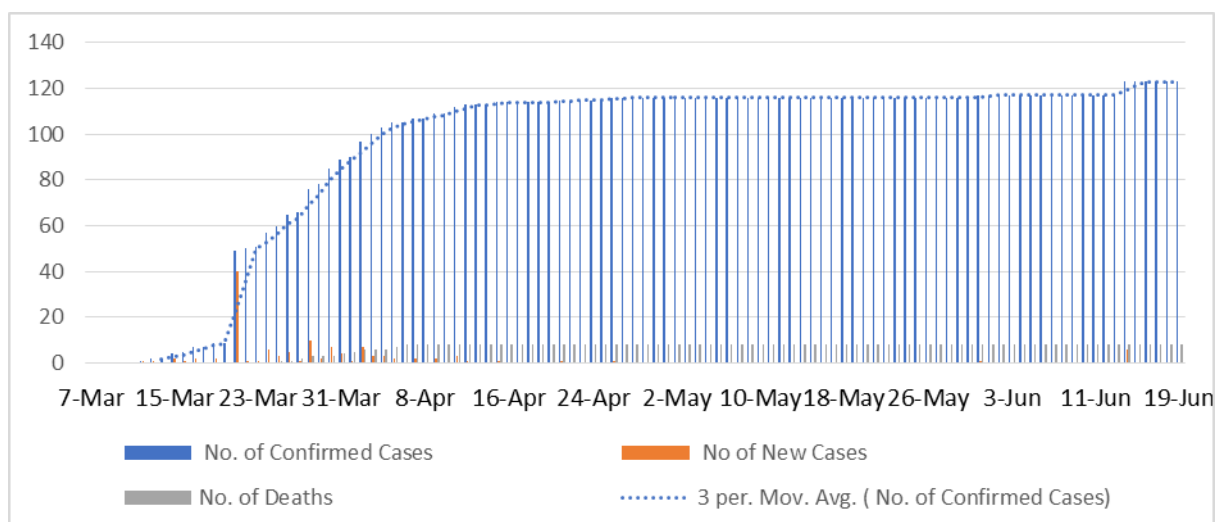
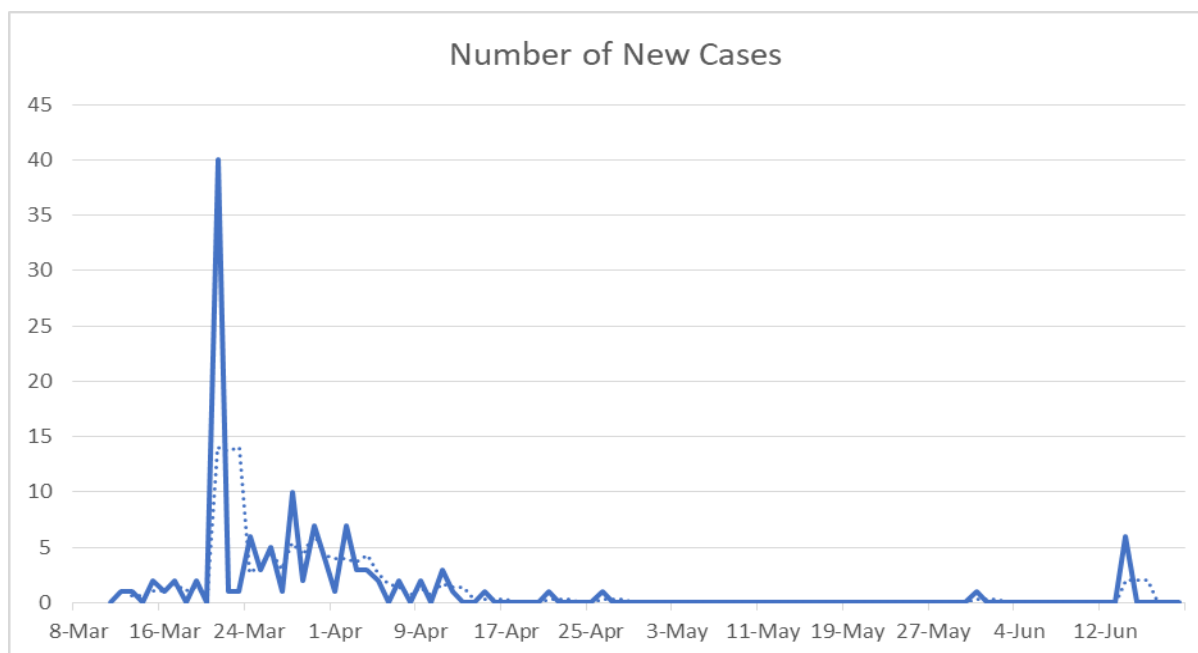


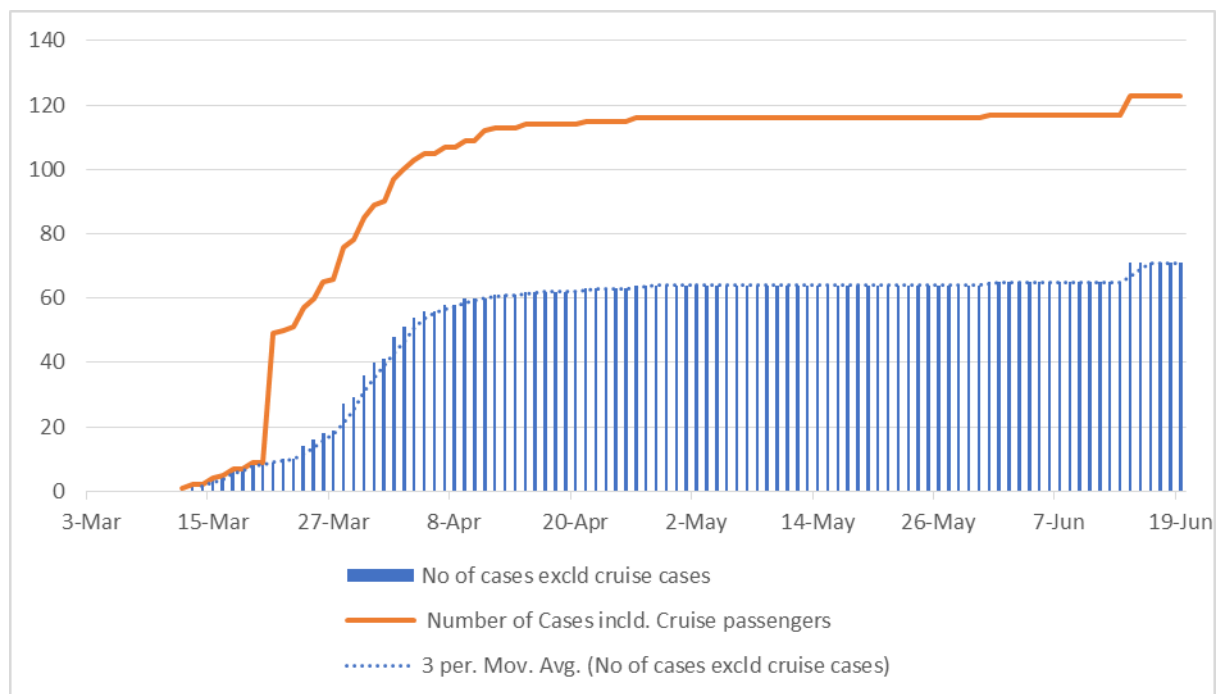
CHART 19A: SURINAME



Note: Suriname had **106 new cases** during **13-19 June** as compared to **96** new cases from **6-12 June**, **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 **293** as at **19 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 six new cases during the period 13-19 June, primarily due to repatriation of nationals that were crew members from a cruise liner. The number of confirmed cases stood at 123 as at 19 June.

CHART 20B: TRINIDAD AND TOBAGO - CRUISE PASSENGERS

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CHART 21: ANGUILLA

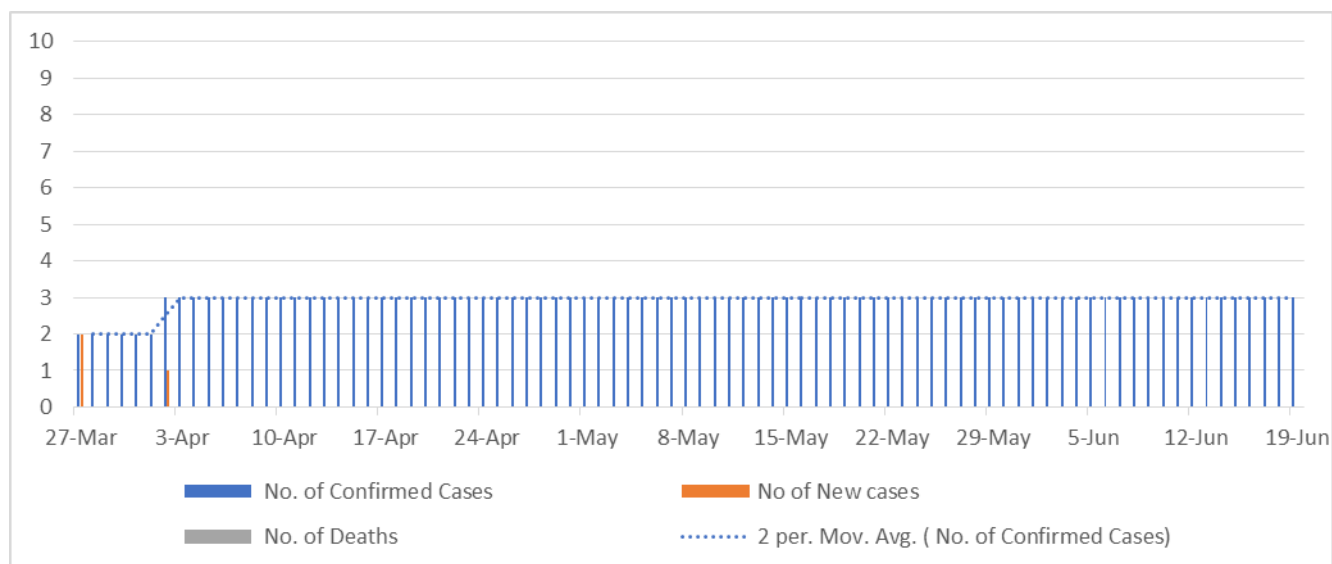
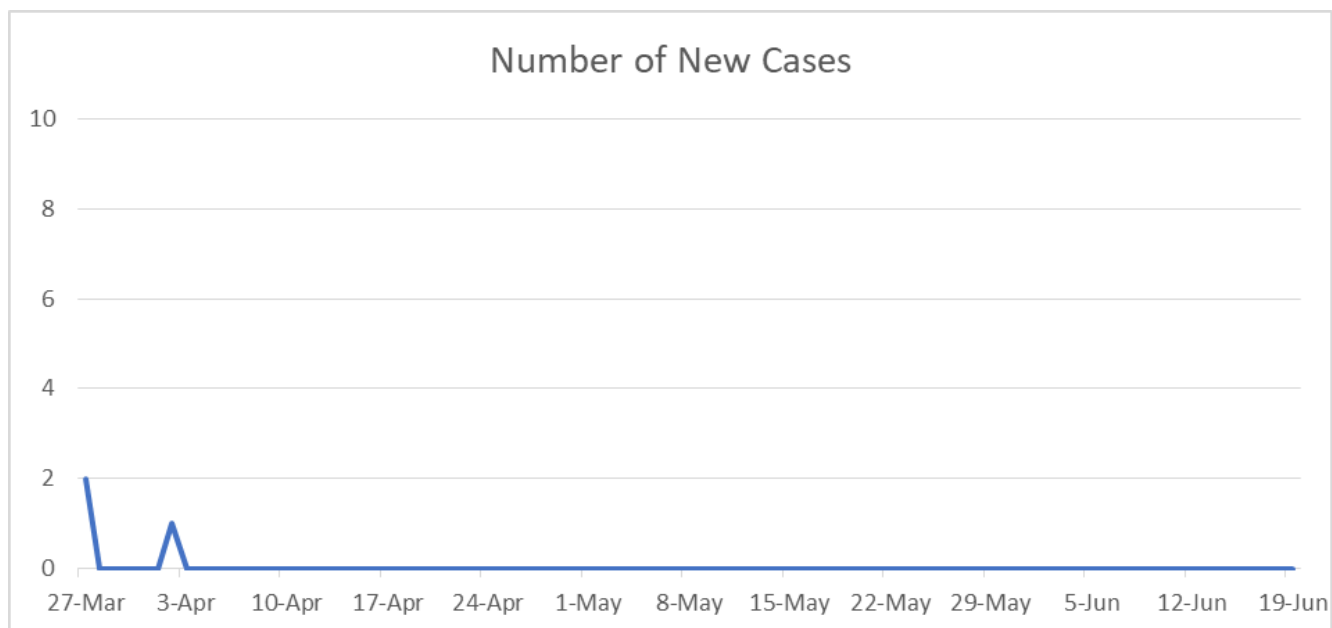


CHART 21A: ANGUILLA



Note: The last positive case of COVID-19 in Anguilla was **2 April**, a period of **78 days** up to **19 June**.

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CHART 22: BERMUDA

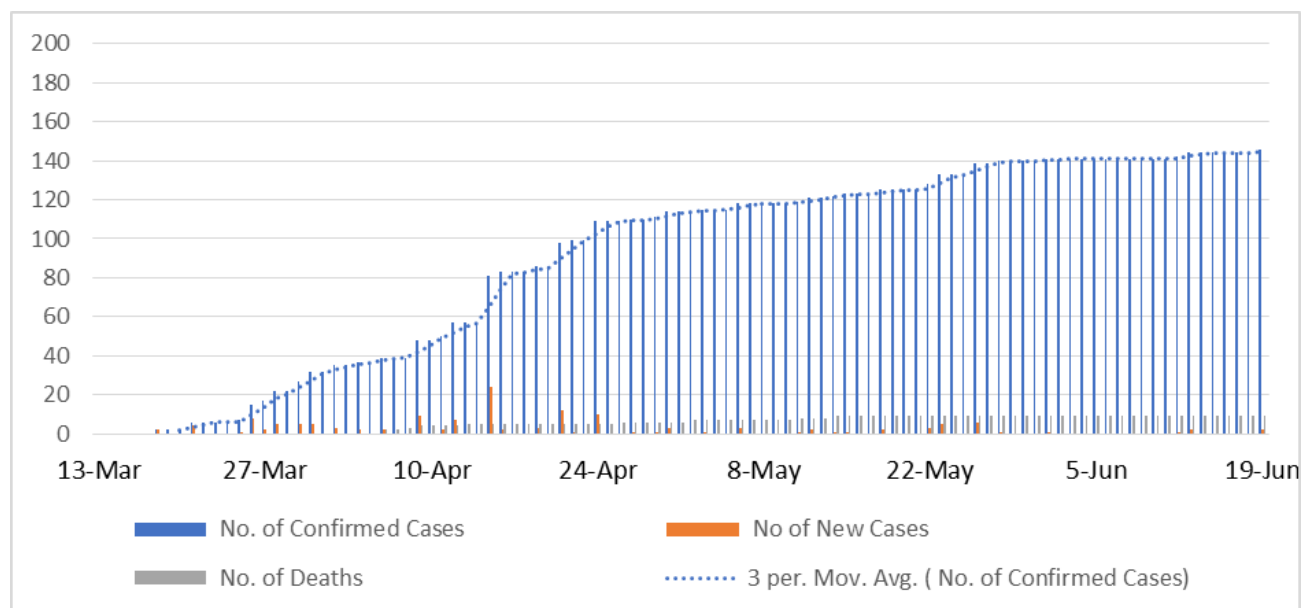
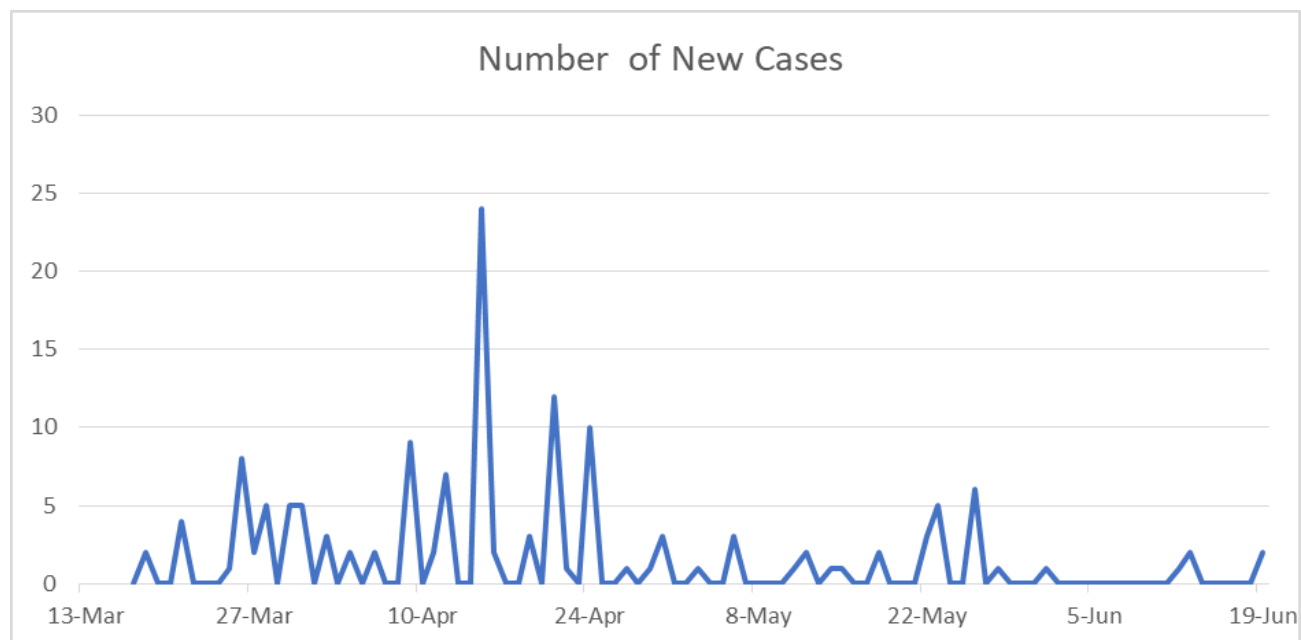


CHART 22A: BERMUDA



Note: Bermuda had **4 new cases** during the period **13-19 June** as compared to **one new case** during the period **6-12 June**. The number of confirmed cases for Bermuda stood at **146** as at **19 June**.

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CHART 23: BRITISH VIRGIN ISLANDS

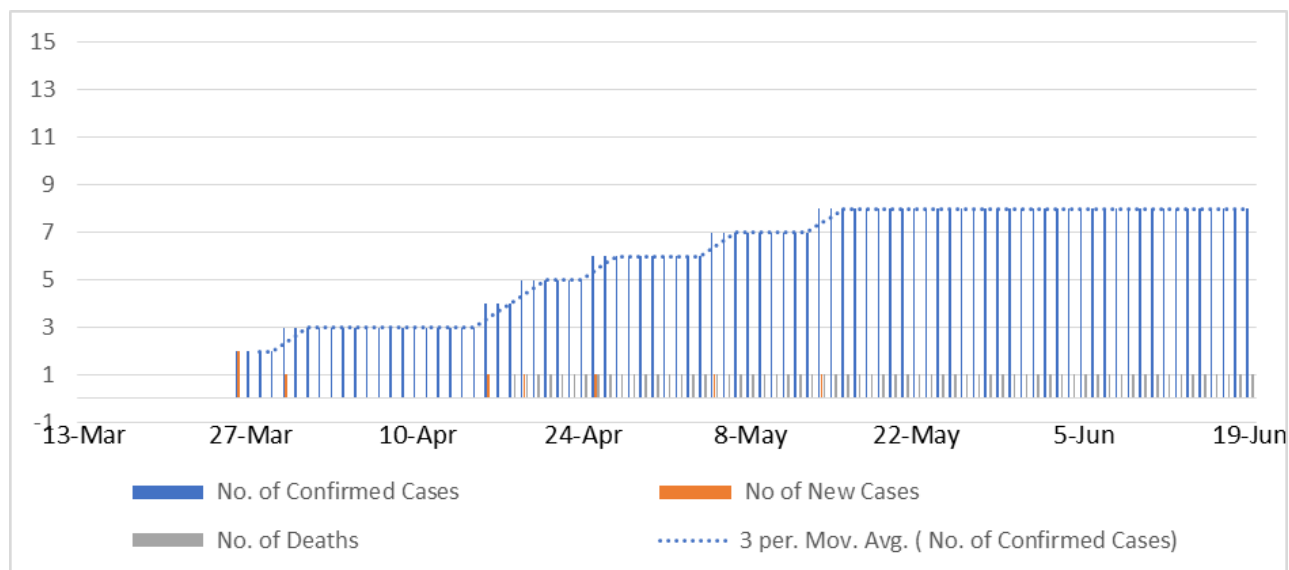
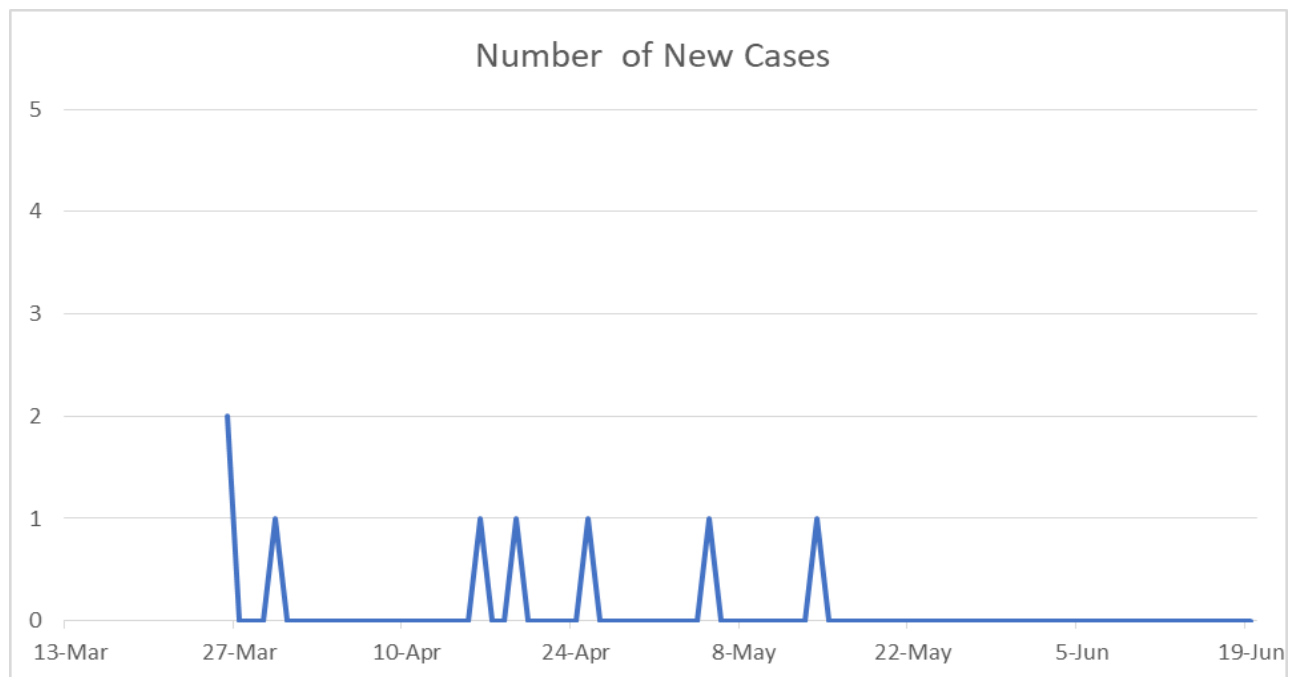
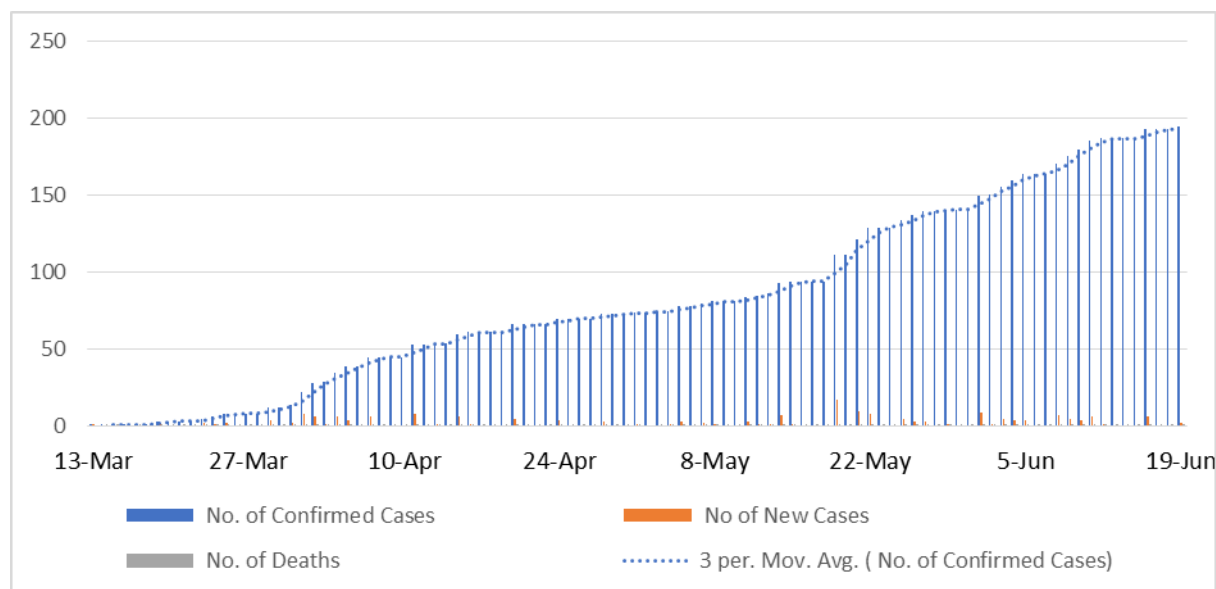
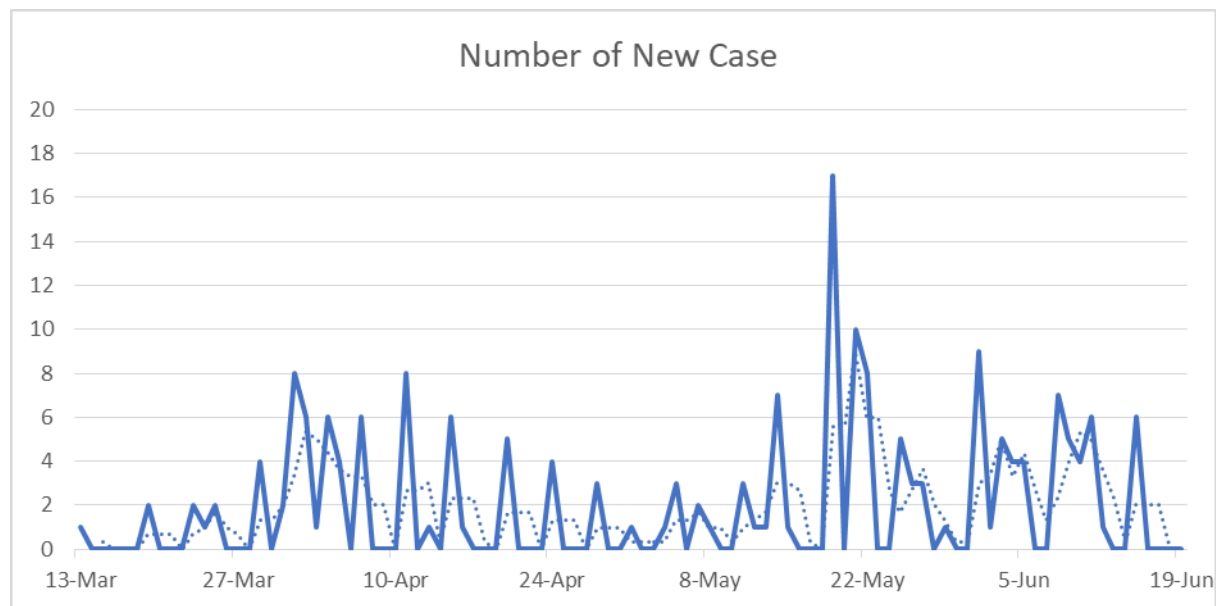


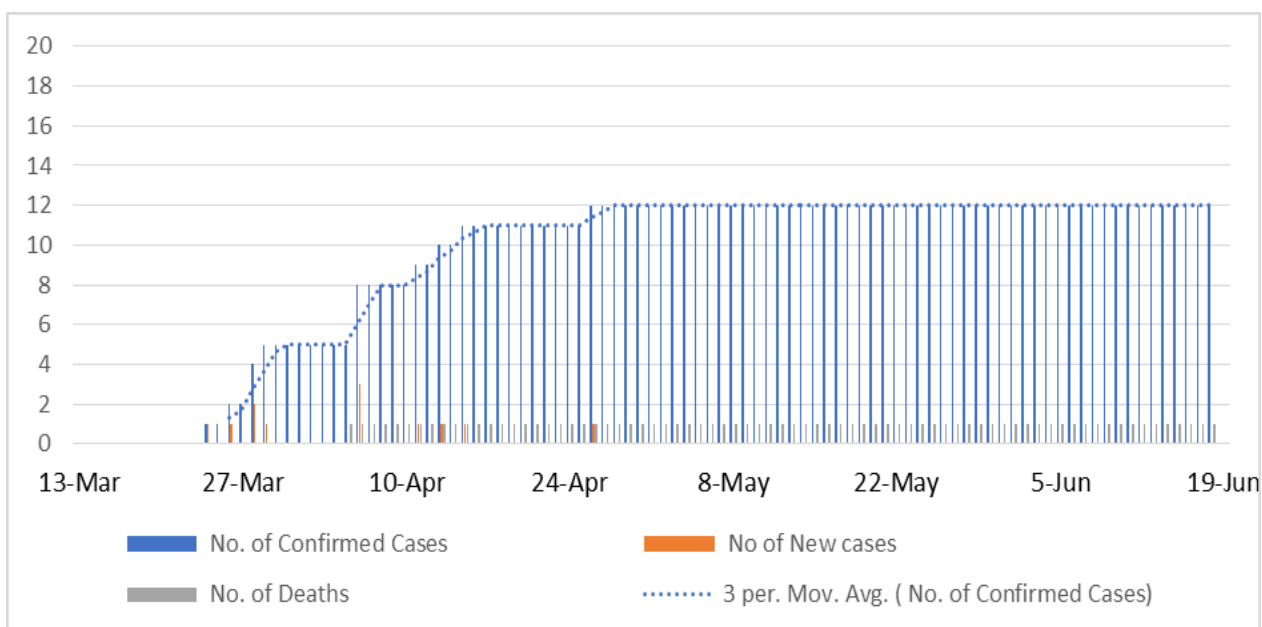
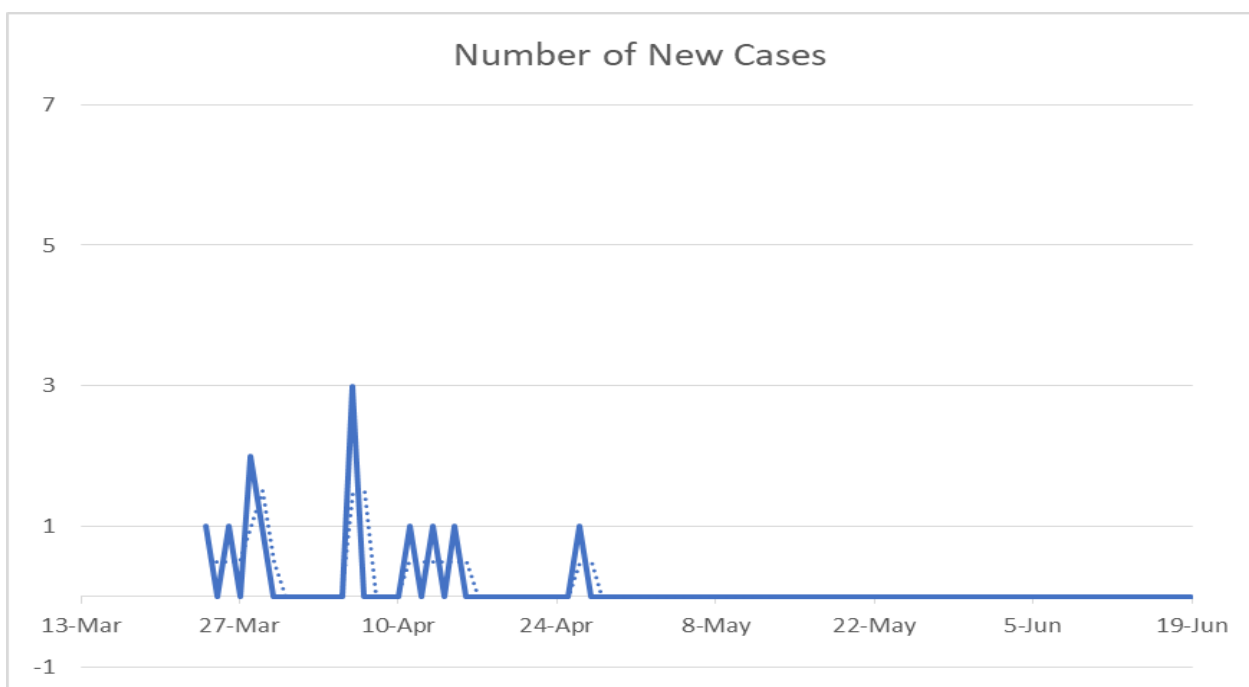
CHART 23A: BRITISH VIRGIN ISLANDS



Note: There were **no new cases** in the British Virgin Islands during **13-19 June** following a same pattern as for the previous two periods. The last positive case was on **14 May**.

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

Note: There were **8 new cases** in Cayman Islands during **13-19 June** compared to 23 new cases 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**. The number of confirmed cases stood at **195** as at **19 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 **54 days** as at **19 June**.

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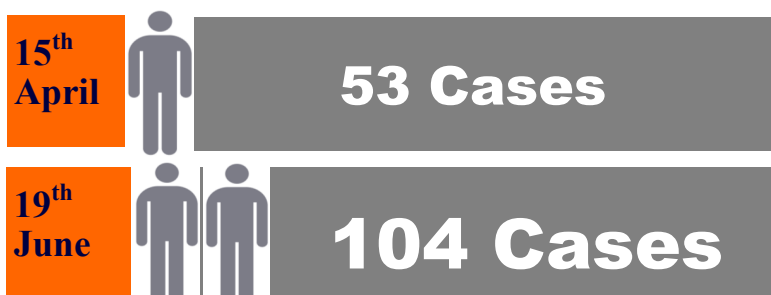
TABLE 8: TREND IN DOUBLING TIME –CARICOM AND SELECTED COUNTRIES

COUNTRY	PERIOD	NO. OF CASES	NO. OF DAYS
ALL COUNTRIES	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
	22 Apr 12 June	901 1787	51
	31 May 19 June	3395 6895	19 Rate: 2.03
	25 Apr 19 June	992 1979	55 Rate: 1.99
Haiti	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
	3 June 19 June	2507 4916	16 Rate: 1.96
	1 June 5 June	44 91	4
	5 June 12 June	91 187	7
	10 June 19 June	144 293	9 Rate: 2.03
Suriname	1 June 5 June	44 91	4
	5 June 12 June	91 187	7
	10 June 19 June	144 293	9
			Rate: 2.03

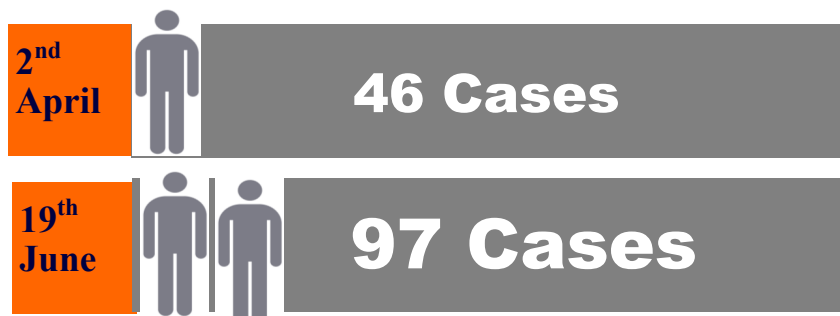
DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

The Bahamas

Doubling (1.96) 65 days

**Barbados**

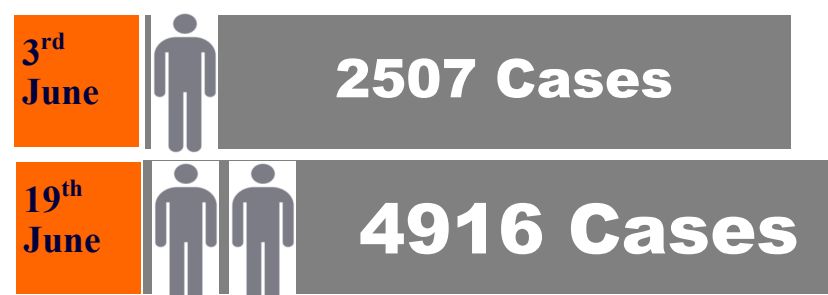
Approx. Doubling(2.1) 78 days

**Guyana**

Approx. Doubling (1.99) 46 days

**Haiti**

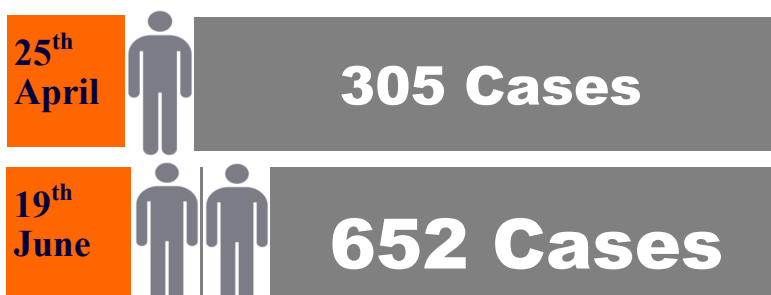
Doubling (1.96) - 16 days



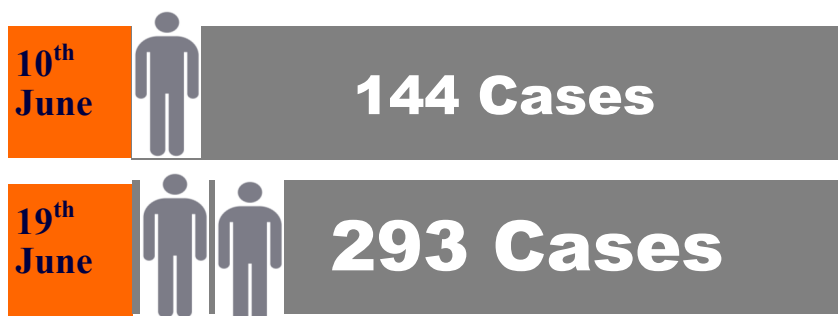
DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

Jamaica

Approx. Doubling (2.1) 55 days

**Suriname**

Approx. Doubling(2.03) 9 days

**Cayman Islands**

Doubling (2.1) 35 days

**Bermuda**

Approx. Doubling (1.8) - 65 days

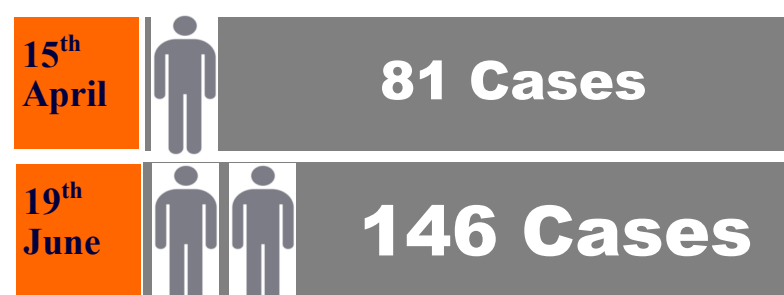


TABLE 9: EXPLANATIONS

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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