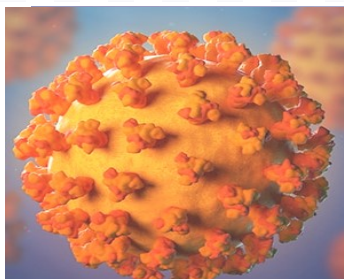


Stats News & Views



Special Topic Statistical Bulletin - COVID-19

Issue 16, 10 July 2020

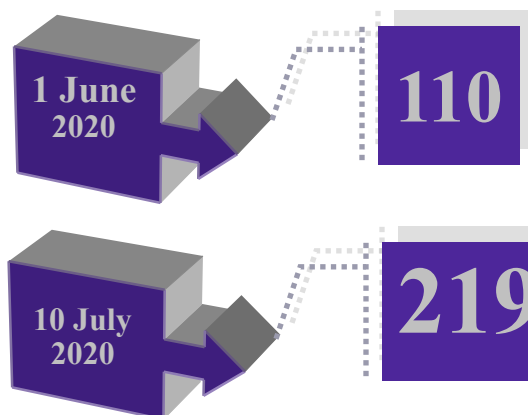
The **Special Topic Statistical Bulletin on COVID 19 in CARICOM Countries Issue 16**, provides an update of the trajectory of the COVID-19 in the CARICOM Region up to **10 July 2020**. The Bulletin provides information on the pattern of the disease of the total number of confirmed cases, new cases and 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 Projections are compared with the actual values for 10 July. In general, 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. *The repatriation of nationals in a few countries is reflected in increases in confirmed cases in the respective countries. Local transmission of the virus is also continuing.* There are about thirteen countries with less than 10 active cases. *The trends in the data on testing continue to be critical to 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

JUNE 2020						
Sun	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
						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 6895	20 th 6975
21 st 7087	22 nd 7254	23 rd 7260	24 th 7463	25 th 7597	26 th 7748	27 th 8021
28 th 8123	29 th 8220	30 th 8335	1 st 8407	2 nd 8498	3 rd 8588	4 th 8747
5 th 8849	6 th 8921	7 th 9004	8 th 9112	9 th 9209	10 th July 9,350	



Total number of deaths
increased by 109 in 39 days
(1 June - 10 July) at a rate of 1.99



Doubling Rate With Haiti

Total number of confirmed cases
increased by

4,779

over 34 days

[6 June-10 July 2020], 2.05

Doubling Rate Without Haiti

Total number of confirmed cases
increased by

1,381

over 50 days

[21 May (1387)-10 July (2768)], 2.0

Special Topic Bulletin - COVID 19

TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 8 JUNE - 10 JULY 2020

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
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
20-Jun	6975	80	161
21-Jun	7087	112	162
22-Jun	7254	167	162
23-Jun	7260	6	163
24-Jun	7463	203	165
25-Jun	7597	134	165
26-Jun	7748	151	172
27-Jun	8021	273	175
28-Jun	8123	102	177
29-Jun	8220	97	184
30-Jun	8335	115	185
01-Jul	8407	72	186
02-Jul	8498	91	189
03-Jul	8588	90	192
04-Jul	8747	159	193
05-Jul	8849	102	197
06-Jul	8921	72	198
07-Jul	9004	83	199
08-Jul	9112	108	205
09-Jul	9209	97	211
10-Jul	9350	141	219

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 the data from 10 March— 7 June 2020.

What do we learn from the Data?

[as at 10 July 2020]

The number of confirmed cases moved from **8588 (adjusted)** as at **3 July** to **9350 cases on 10 July**. The number of deaths moved from **192** to **219**. There were **762 new cases** (compared to **840 (adjusted)** new cases for the previous period) and **27** new deaths.

Recoveries as at **10 July** stood at **4522** and active cases at **4588** as compared to **2890 (adjusted)** and **5504 (adjusted)** respectively on 3 July.

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 **seven (7) countries** with no actives as at **10 July** as compared to nine on **3 July**. The countries with no active cases are:- *Anguilla, British Virgin Islands, Dominica, Grenada, Montserrat, St Kitts and Nevis and St Vincent and the Grenadines*. **Bermuda and Barbados** that recently joined this category have left it during the current reporting period;
- ♦ **Four (4) countries**-*Barbados (1), Bermuda (4), Cayman Islands (3) and Saint Lucia (3)* have **1-4** active cases;
- ♦ **Two (2) countries**- *The Bahamas (8) and Trinidad and Tobago (5)* have **5-10** active cases;
- ♦ **Two (2) countries** *Antigua and Barbuda (14) and Belize (15)* have **11-20** cases,
- ♦ **One country**-*Turks and Caicos Islands (56)* has between **50– 100** active cases;
- ♦ *Guyana (140), Jamaica (119)* have between **100-150** active cases;
- ♦ *Suriname* has **227** active cases and *Haiti* now has close to **4000** active cases with **3993 (6101 as at 3 July)**.

Recoveries

- ♦ As implied earlier, there are **seven** countries for which all active cases have recovered as at **10 July**;
- ♦ Among the other countries, **Haiti** had **2459** recoveries, **Jamaica, 605, Suriname 481, Cayman Islands, 197, Bermuda, 137, Guyana, 134, Trinidad and Tobago, 120, Barbados, 90, The Bahamas, 89 and Antigua and Barbuda, 57.**

Confirmed Cases

- ♦ In absolute terms the countries with the highest numbers of Confirmed Cases are *Haiti, 6582, Jamaica, 753, Suriname, 726, Guyana, 290, Cayman Islands, 201, Bermuda, 150, Trinidad and Tobago, 133, The Bahamas 108, Barbados, 98, Antigua and Barbuda, 74 and Turks and Caicos Islands, 69;*
- ♦ In rates per 100,000 population for countries with **25+ cases**, *Cayman Islands* has the highest rate with **305.41**, *Bermuda* is second with **234.47** followed by *Turks and Caicos Islands* with **159.81**, *Suriname* with **124.53**, *Antigua and Barbuda* with **77.88**, and *Haiti*, **57.68**. *Montserrat (under 25 cases)* has a rate of **220 (11 cases)**;
- ♦ The rate for *Jamaica* is **27.61**; *Guyana, 39.14, St Vincent and the Grenadines, 26.13 and Barbados, 35.68*. [Please see Table 2 for rates for other countries].

Deaths

- ♦ *Haiti* has the highest number of deaths with **130**, an increase of **20** from 3 July. *Suriname* is now in second place with **18 (an increase of 5)** followed by *Guyana* with **16 (increased by 2)**, and *The Bahamas 11 deaths*.
- ♦ The number of deaths per 100,000 population is the highest in *Montserrat 20 (1)*; *Bermuda 14.07 (9)* and *Turks and Caicos Islands, 4.84 (2)*. *British Virgin Islands* is at **3.43 (1)**, *Antigua and Barbuda 3.16 (3)* and *Suriname 3.09 (18)*. *Suriname has now joined the top five in deaths per 100,000*. The rate for *Haiti* is **1.14**;
- ♦ 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 *The Bahamas* with **10.2** percent and *Montserrat with 9.1*. *Barbados is at 7.1* percent, followed by *Bermuda* and *Trinidad and Tobago* each with **6.0**. *Haiti* is at **2.0** percent, *Suriname* is at **2.5** and *Guyana 5.5* percent.

Testing- [Tracking the pandemic]

- ♦ *Cayman Islands* continues to have the best testing record with a rate of **39,774.8 tests per 100,000 population**, (**26,177** tests) followed by *Bermuda, 21,008.9 (13,440 tests)* and *Barbados, 3,151.5 (8,655 tests)*; *Jamaica* still leads in the absolute number of tests with **27,836** tests and is in tenth place with a rate of **1020.6**. *Turks and Caicos Islands* and *Anguilla* are in the top five in testing with rates of **2193.7 (906)** and **2033.3 (305)** respectively.

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

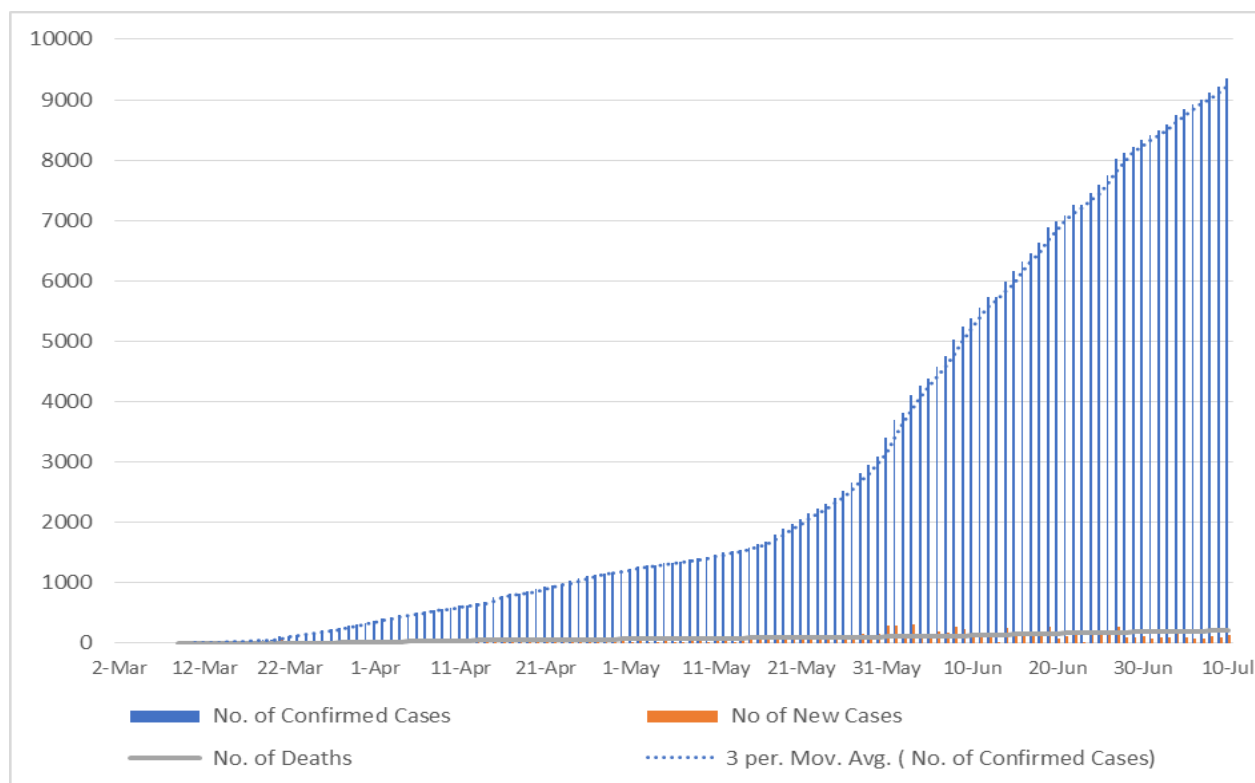
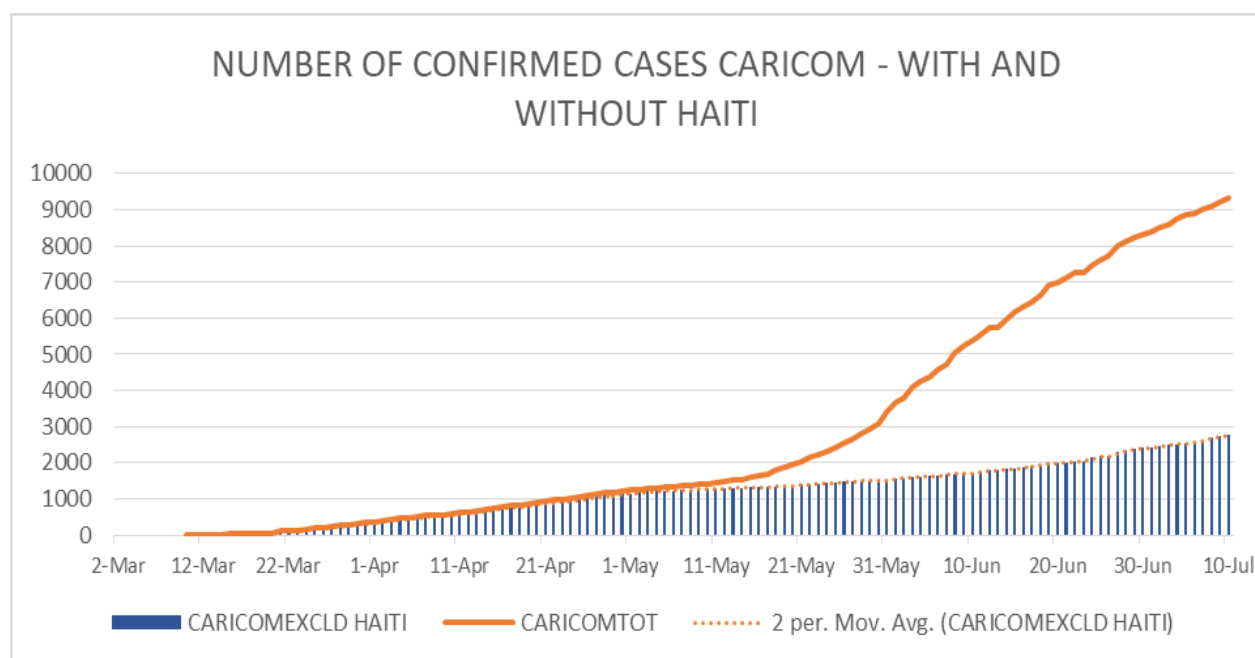


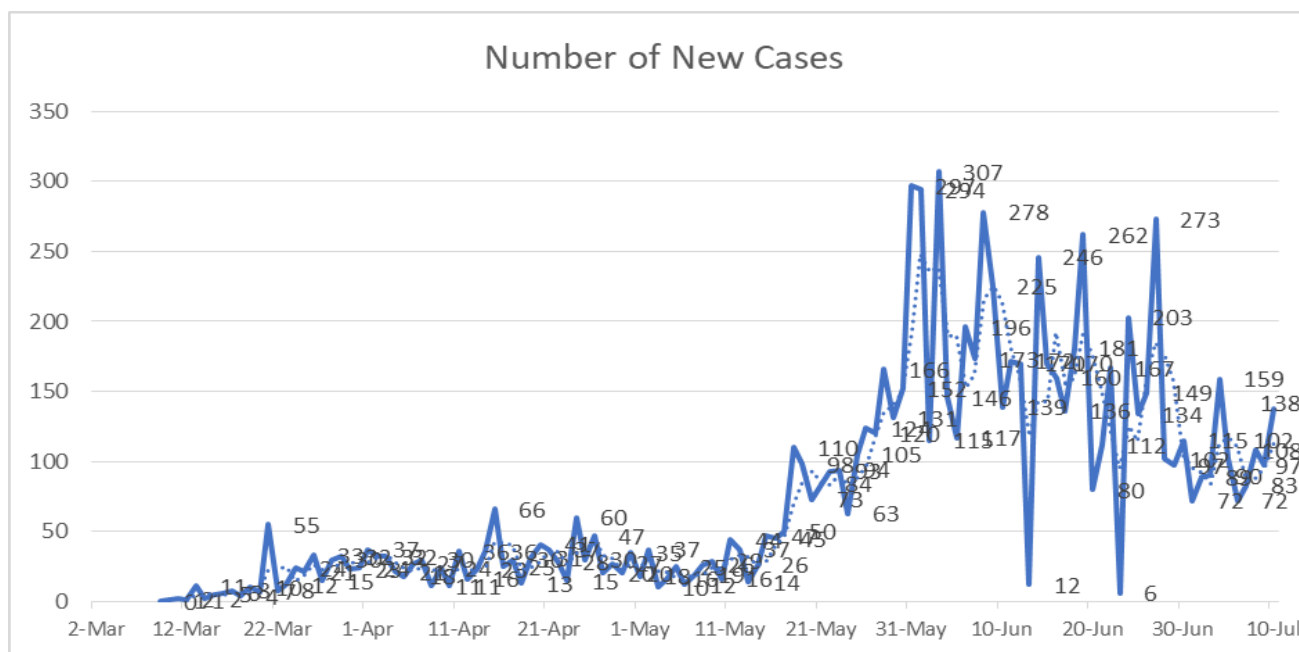
CHART 1A: NUMBER OF CONFIRMED CASES IN CARICOM- WITH AND WITHOUT HAITI AS AT 10 JULY 2020



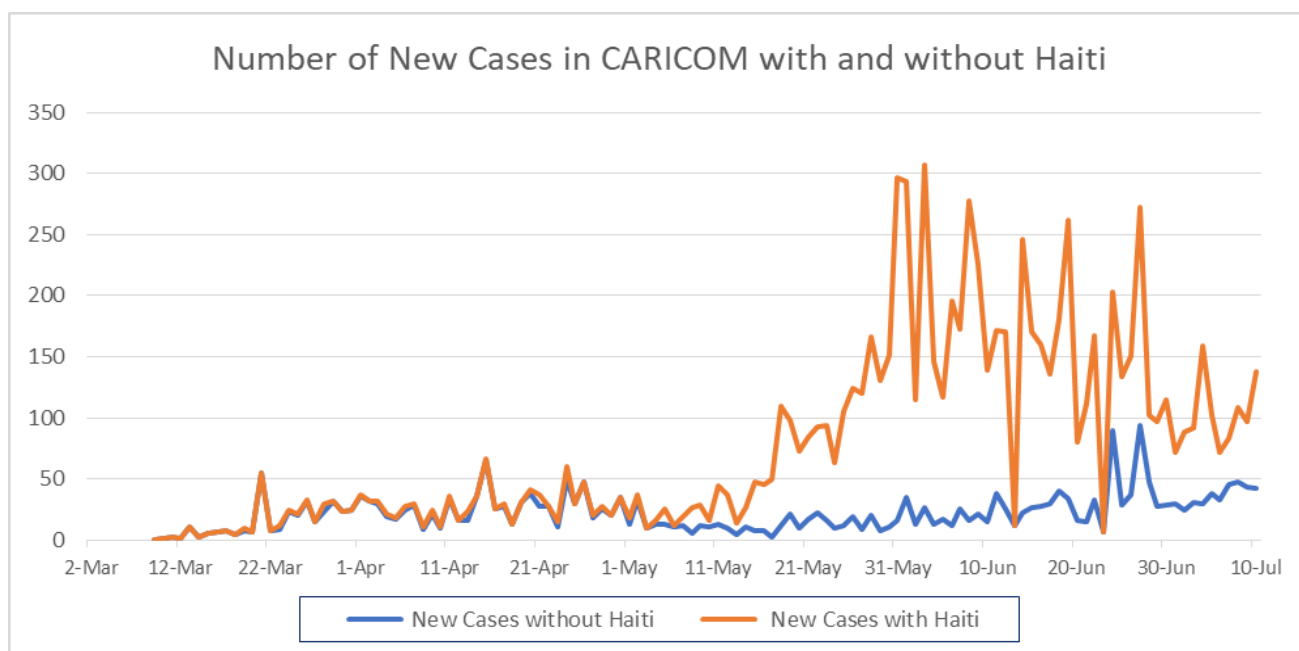
Note: The number of confirmed cases moved from 8588 as at 3 July to 9350 as at 10 July, while the number of deaths moved from 192 to 219. The total number of cases for the previous reporting period was adjusted by 2.

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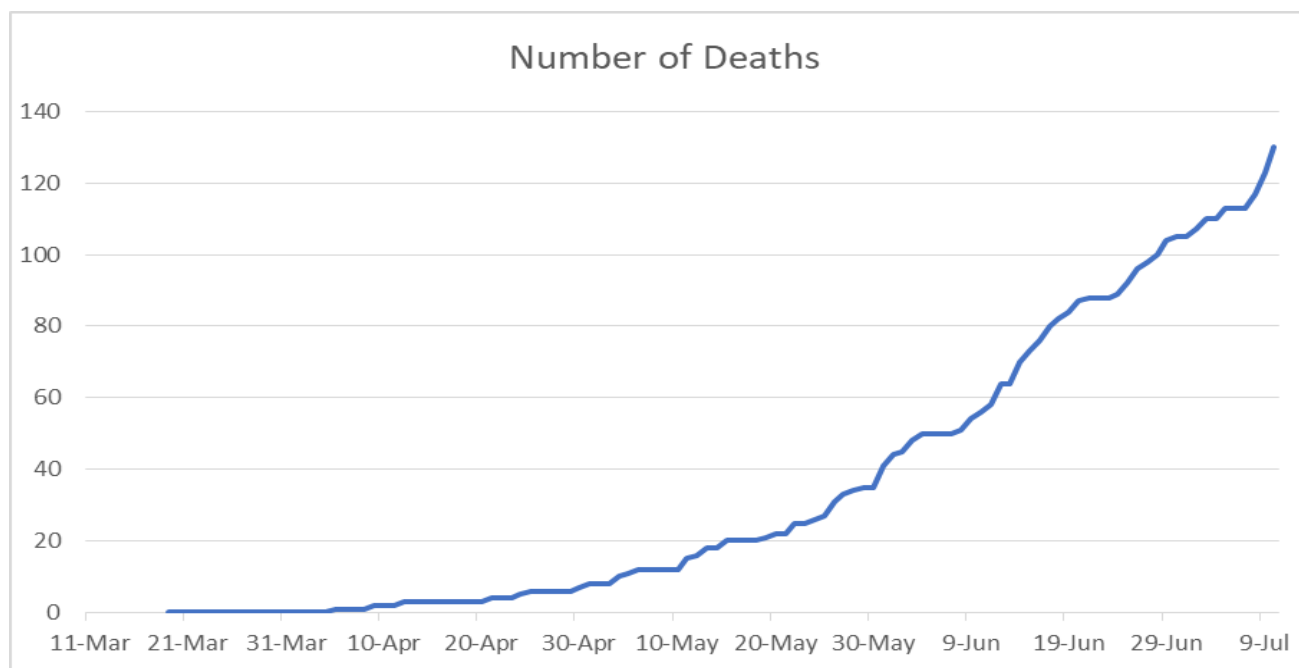
**CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES -
10 MARCH - 10 JULY 2020**



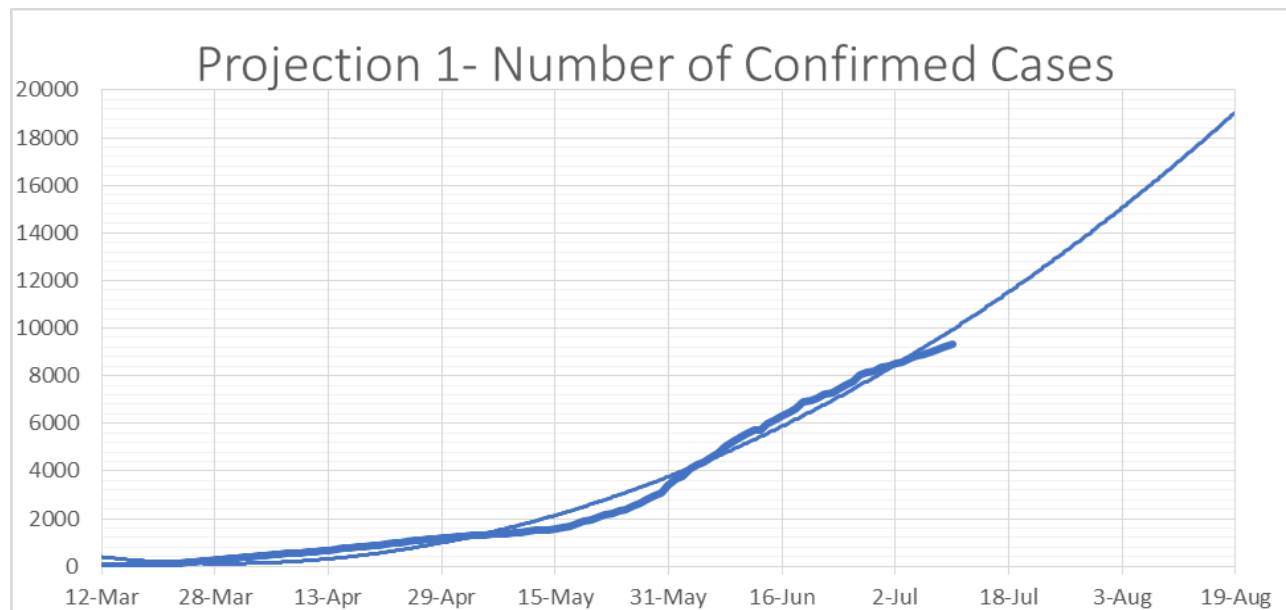
**CHART 1C: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - WITH AND
WITHOUT HAITI - 10 MARCH - 10 JULY 2020**



Note: The total number of new cases for the period **4 -10 July** is **762** as compared to **27 June-3 July** with **840 (adjusted)**, **20-26 June** with **851** and **13-19 June** with **1167**. The number of new cases for the current reporting period is **78** less than for the previous reporting period. Haiti contributed to **481** of the new cases this reporting period or **63.1** percent (**66.4** percent for the previous period). **Jamaica** contributed to **32** new cases, **Suriname**, **165**, **Guyana**, **34** and **Turks and Caicos Islands**, **25**. The trend in the number of new cases is declining from approximately 30 June for the number of new cases with Haiti and is generally flat for the number of new cases without Haiti.

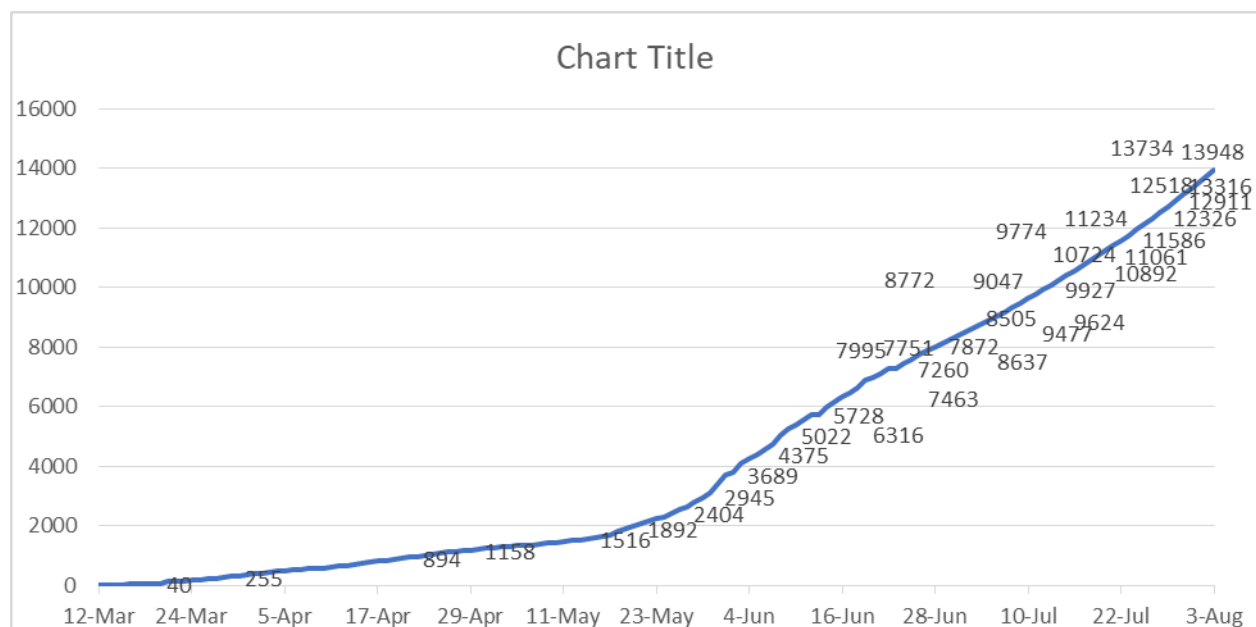
Special Topic Bulletin - COVID 19**CHART 1D: SUMMARY ALL COUNTRIES - NUMBER OF DEATHS -
10 MARCH - 10 JULY 2020**

**CHART 2: PROJECTION 1-ESTIMATED NUMBER OF CONFIRMED CASES
EXTENDED TO 14 AUGUST 2020**



Note: The non-linear trendline gave a projected value for **10 July** of **9200**, the actual value is **9350**, which shows a relatively close fit of the trendline. Extending the same trendline the projected value for **17 July** is **10,600**.

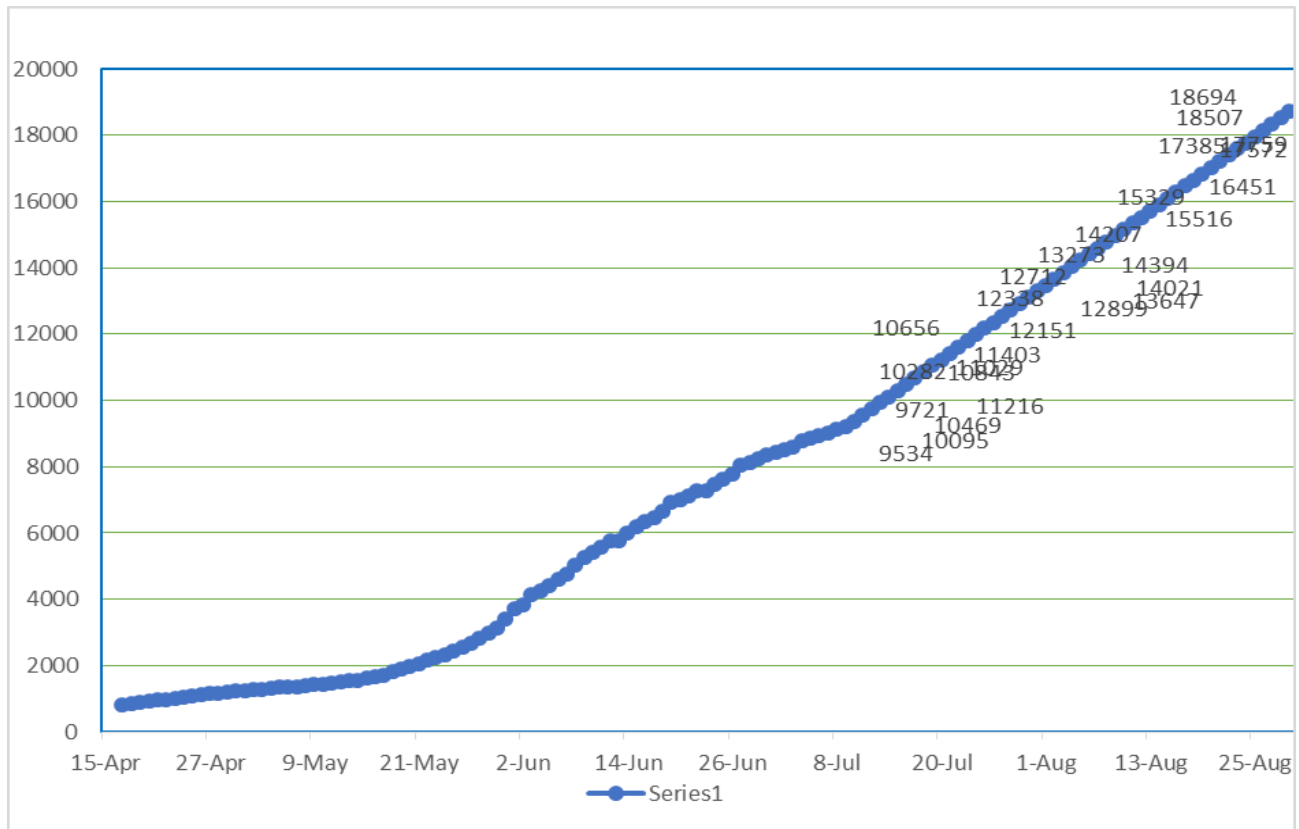
**CHART 2A: UPDATED PROJECTION USING GROWTH RATES (13-19 JUNE)
OF THE NUMBER OF CONFIRMED CASES PROJECTED UP TO
17 JULY 2020**



Note: The projected value for **10 July** from this projection was **9624**. The actual value is **9350**. The projected value for **17 July** is **10724**.

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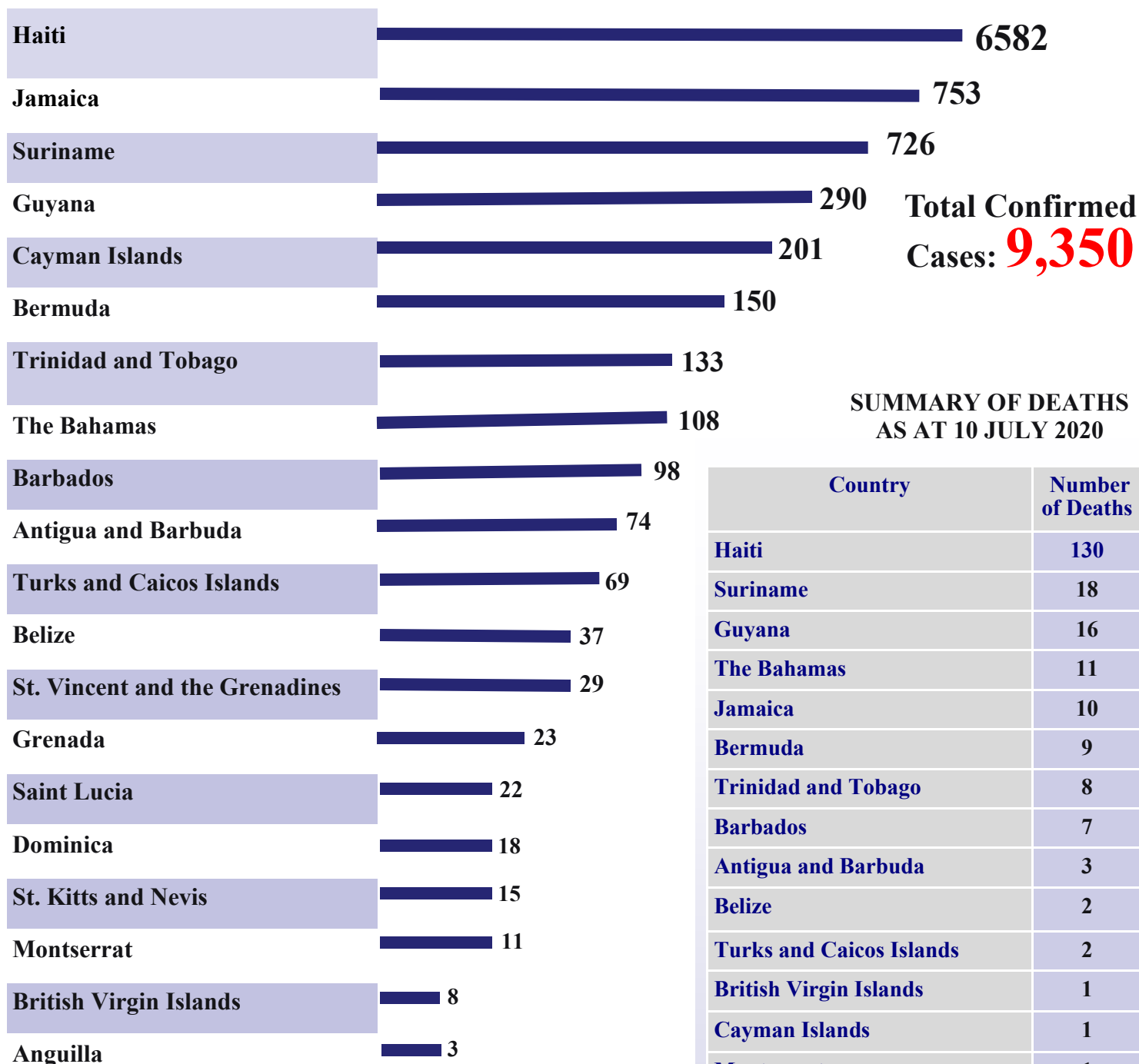
CHART 2B: PROJECTION BASED ON 50 DAY DOUBLING PERIOD- UP TO 29 AUGUST 2020- FITTED WITH ACTUAL VALUES



Note: The projected value for **10 July** was **10758** as compared to the actual value of **9350**. The projection has been updated based on a 50-day doubling period. The projected value for **17 July** is **10656**.

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SUMMARY OF CONFIRMED CASES AS AT 10 JULY 2020



SUMMARY OF DEATHS AS AT 10 JULY 2020

Country	Number of Deaths
Haiti	130
Suriname	18
Guyana	16
The Bahamas	11
Jamaica	10
Bermuda	9
Trinidad and Tobago	8
Barbados	7
Antigua and Barbuda	3
Belize	2
Turks and Caicos Islands	2
British Virgin Islands	1
Cayman Islands	1
Montserrat	1
Dominica	0
Grenada	0
Saint Lucia	0
St. Kitts and Nevis	0
St. Vincent and the Grenadines	0
Anguilla	0

Total Deaths: 219

Note: The number of confirmed cases in Haiti is 6582, more than 8 times the number of confirmed cases for Jamaica (second place), that saw an increase of 32 cases. Suriname, in third place had 165 new cases and is now 27 cases behind Jamaica. Guyana (fourth) increased by 34 cases and Turks and Caicos Islands saw an increase of 25. Haiti with an additional 20 deaths, Suriname with 5 additional deaths, and Guyana with 2 are the countries that have contributed to the increase in deaths for the reporting period. Suriname now has the second highest number of deaths with 18.

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TABLE 2: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION IN CARICOM –SELECTED COUNTRIES– 29 MAY – 10 JULY

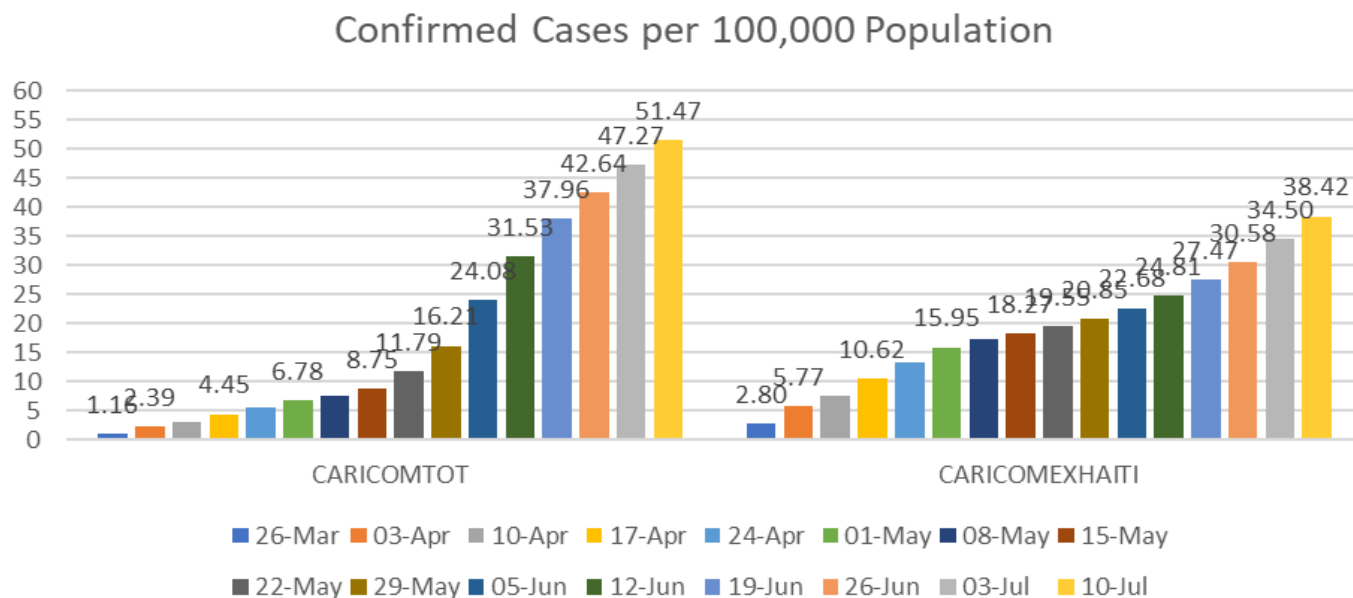
	DATE						
	29-May	05-Jun	12-Jun	19-Jun	26-Jun	03-Jul	10-Jul
COUNTRY							
CARICOM -ALL COUNTRIES	16.22	24.08	31.53	37.96	42.64	47.27	51.47
CARICOM EXCLD HAITI	20.86	22.68	24.81	27.47	30.58	34.50	38.42
ANTIGUA AND BARBUDA	26.31	27.36	27.36	27.36	68.41	71.57	77.88
THE BAHAMAS	26.75	26.75	27.01	27.27	27.27	27.27	28.32
BARBADOS	33.50	33.50	34.96	35.32	35.32	35.32	35.68
BERMUDA	218.84	220.41	221.97	228.22	228.22	228.22	234.47
BELIZE	4.52	4.77	5.02	5.53	6.03	7.54	9.30
CAYMAN ISLANDS	214.24	249.19	284.14	296.29	297.81	305.41	305.41
GUYANA	20.24	20.65	21.46	24.70	31.04	34.55	39.14
HAITI	12.65	24.01	34.54	43.08	48.57	53.46	57.68
JAMAICA	21.08	21.81	22.51	23.90	25.15	26.43	27.61
ST VINCENT AND THE GRENADINES	23.42	23.42	24.32	26.13	26.13	26.13	26.13
SURINAME	2.06	15.61	32.08	50.26	66.72	94.51	124.53
TRINIDAD & TOBAGO	8.53	8.61	8.61	9.05	9.12	9.56	9.79
TURKS AND CAICOS ISLANDS	29.06	29.06	29.06	29.06	38.74	106.54	159.81

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 + confirmed cases**, the top five countries for the number of confirmed cases per 100,000 population as at **3 July** are: *Cayman Islands (305.41), Bermuda (234.47), Turks and Caicos Islands (159.81), Suriname, (124.53) and Antigua and Barbuda (77.88). Haiti's rate is 57.68.* Montserrat (less than 11 confirmed cases) not shown in this table has the third highest rate with 220 cases per 100, 000 population.

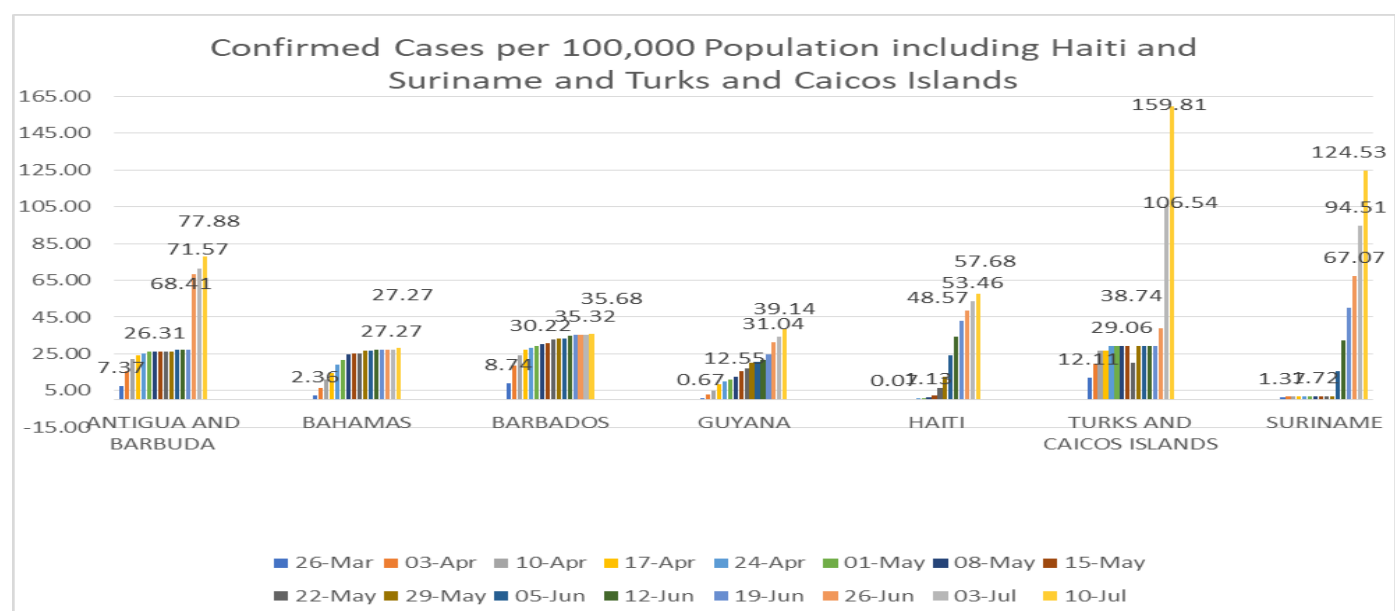
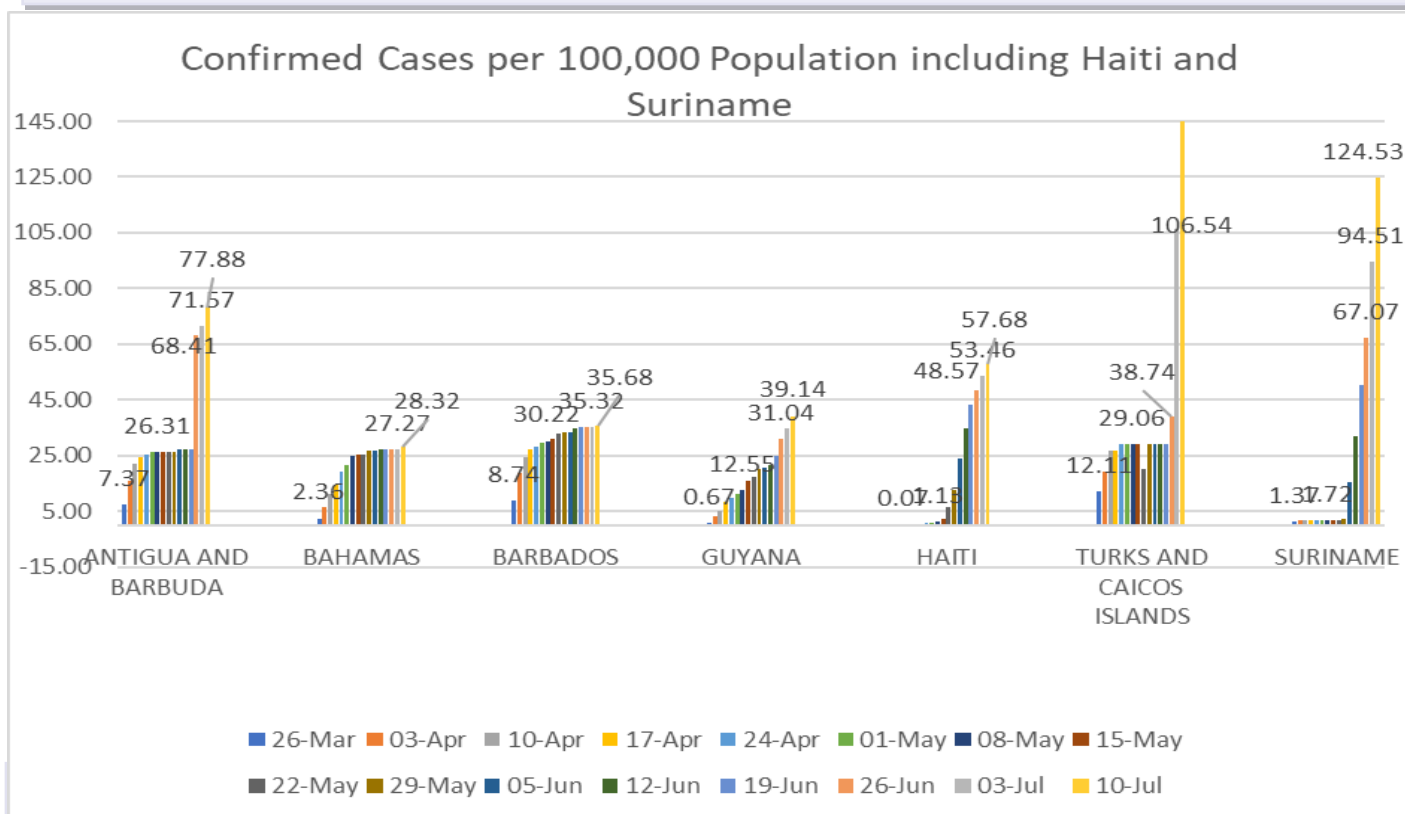
Information on the number of confirmed cases per 100, 000 population as at 19 June for those countries that are not shown can be requested. Please check previous Issues for rates for earlier periods.

**CHART 3: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION-
CARICOM WITH AND WITHOUT HAITI 26 MARCH-10 JULY 2020**



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CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES 26 MARCH– 10 JULY 2020



Note: The spikes in the number of confirmed cases per 100,000 population that have occurred in **Antigua and Barbuda, Suriname and Turks and Caicos Islands** as compared to the other countries are reflected in Chart 3B. These spikes show significant growth relative to the respective population sizes of these countries.

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CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS -26 MARCH– 10 JULY 2020

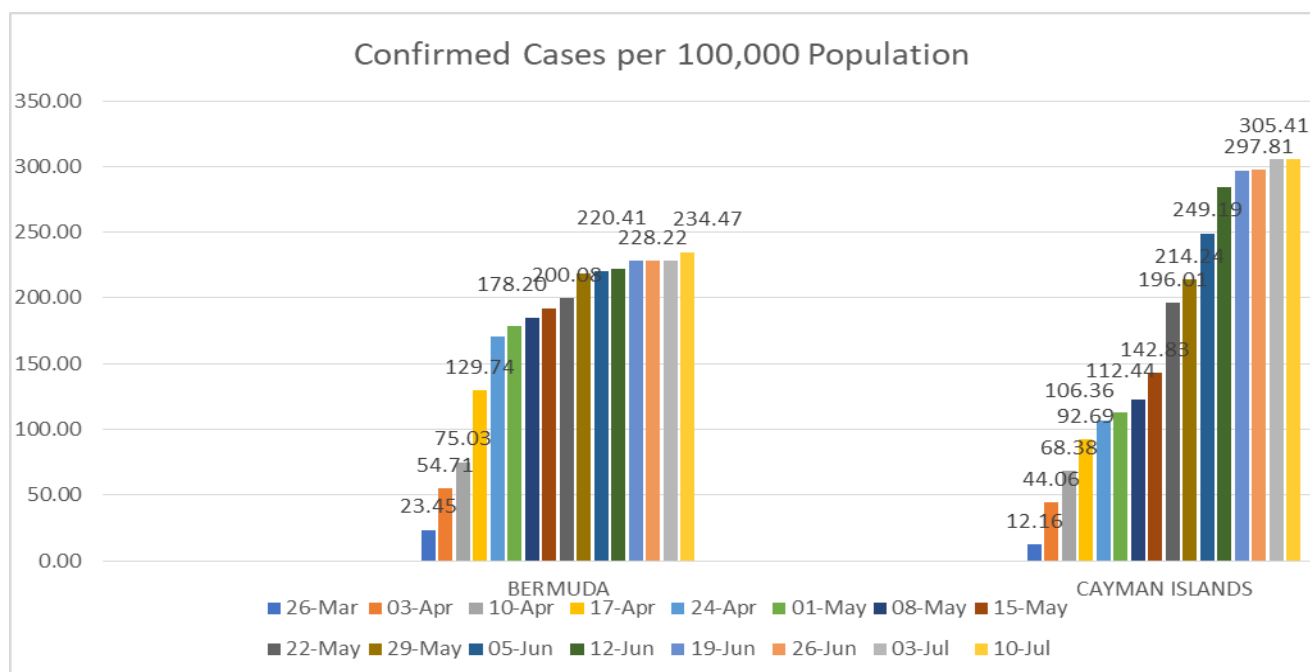
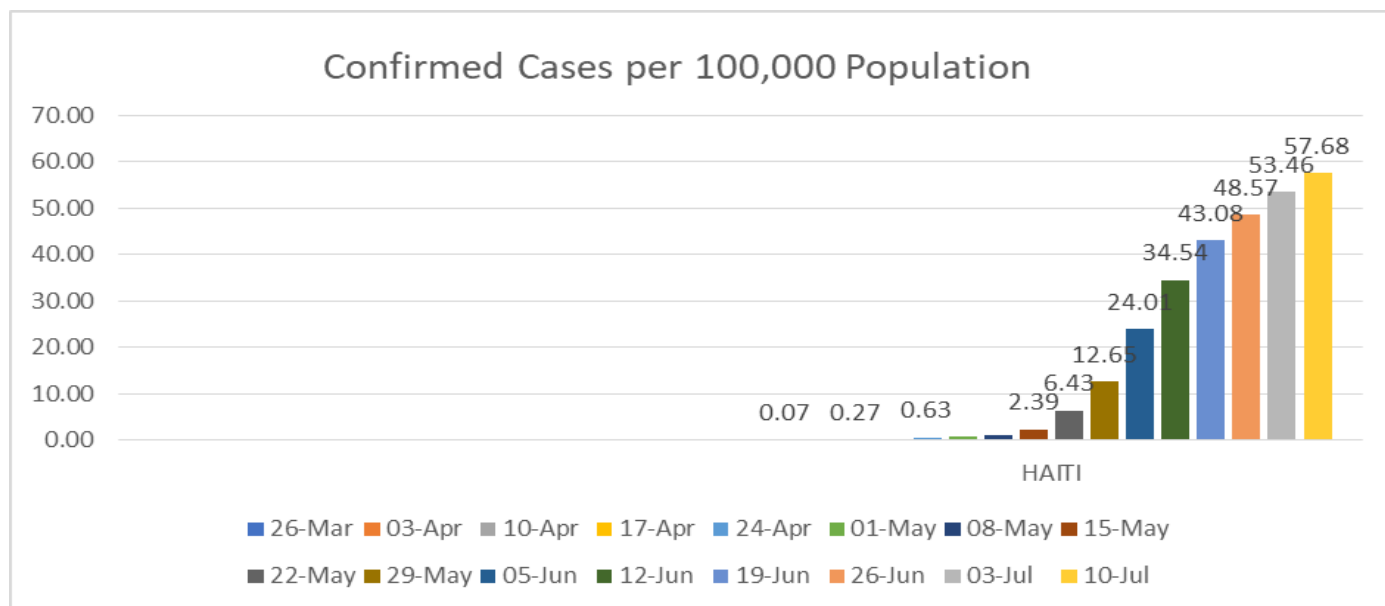
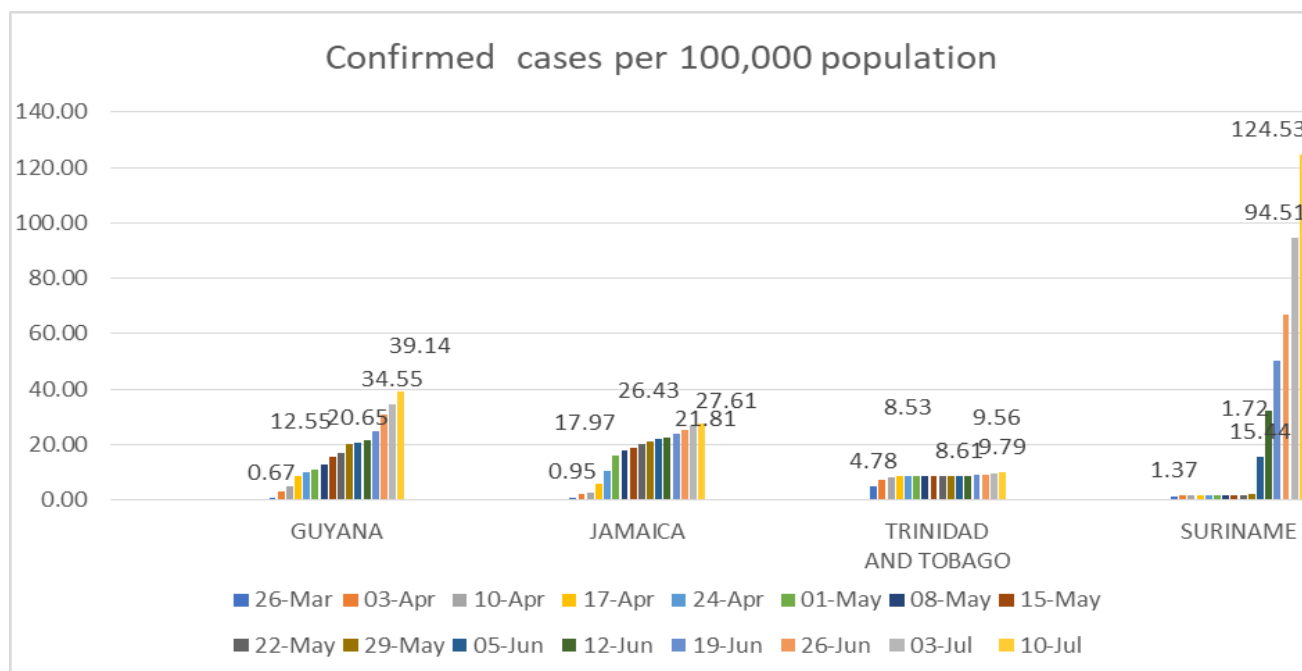


CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- HAITI - 26 MARCH– 10 JULY 2020

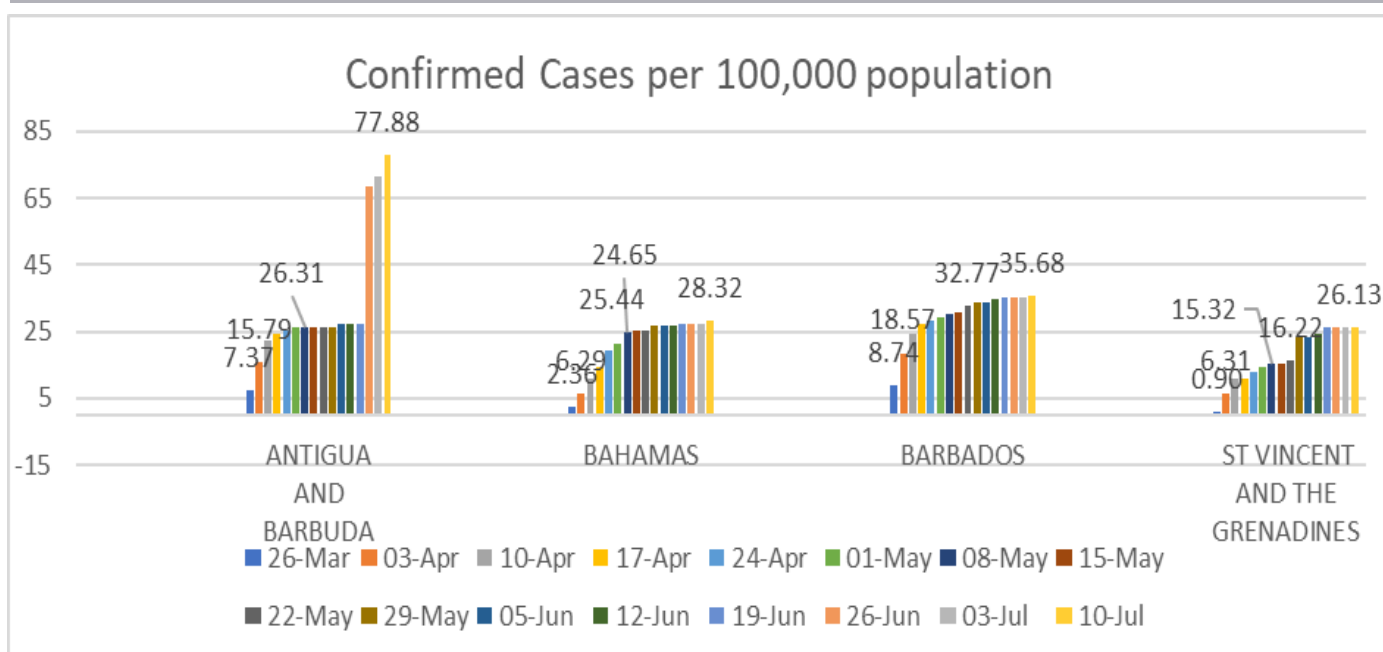


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**CHART 3E: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
GUYANA, JAMAICA, TRINIDAD AND TOBAGO AND SURINAME
26 MARCH– 10 JULY 2020**



**CHART 3F: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
ANTIGUA AND BARBUDA, THE BAHAMAS, BARBADOS AND
ST. VINCENT AND THE GRENADINES
26 MARCH– 10 JULY 2020**



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**TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION
29 MAY – 10 JULY 2020**

	DATE						
	29- May	05- June	12- June	19- June	26- June	3- July	10- July
CARICOM ALL COUNTRIES	0.55	0.64	0.73	0.87	0.95	1.06	1.21
CARICOM EXCL. HAITI	0.90	0.93	0.96	1.03	1.06	1.14	1.24
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	14.07	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	1.48	1.62	1.62	1.62	1.62	1.89	2.16
HAITI	0.31	0.44	0.56	0.74	0.84	0.96	1.14
JAMAICA	0.33	0.37	0.37	0.37	0.37	0.37	0.37
MONTserrat	20.00	20.00	20.00	20.00	20.00	20.0	20.0
SURINAME	0.17	0.17	0.51	1.37	1.72	2.23	3.09
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	4.84	4.84

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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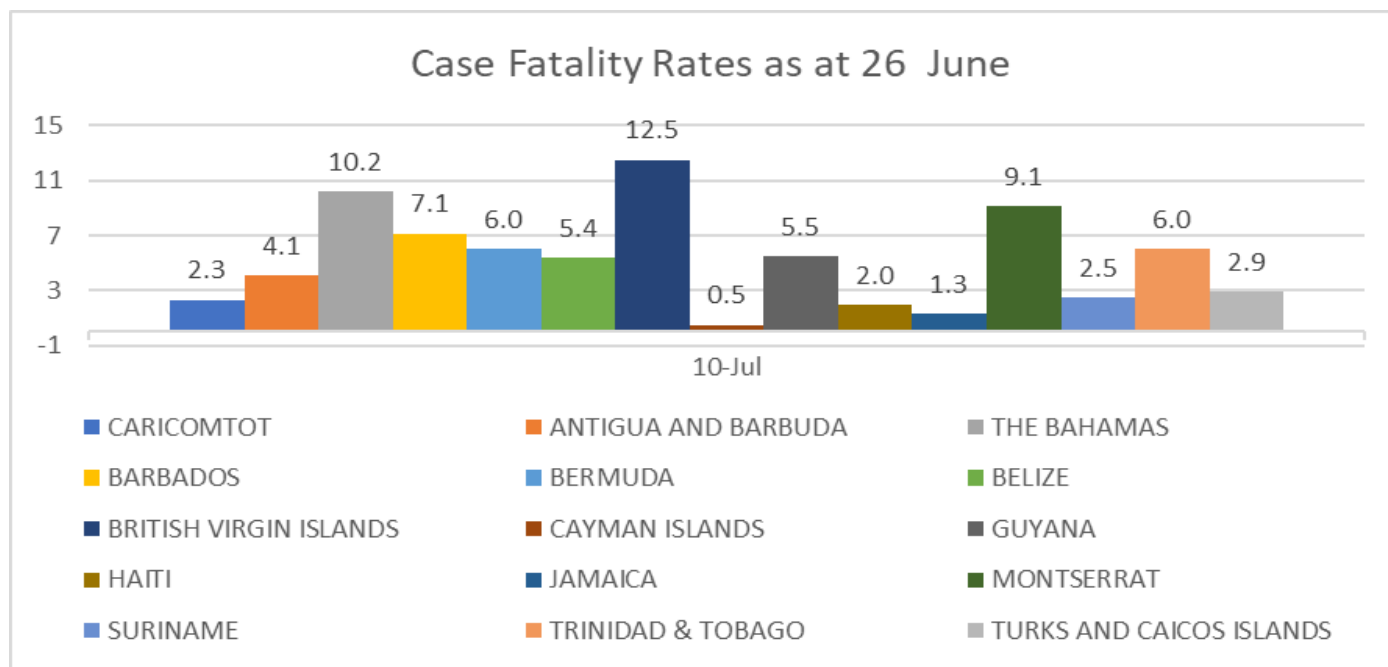
**TABLE 3A: DEATHS AS A PERCENTAGE OF THE NUMBER OF
CONFIRMED CASES– CASE FATALITY RATES –29 MAY – 10 JULY**

COUNTRY	DATES						
	29- May	05- Jun	12- Jun	19- Jun	26- Jun	03- Jul	10- Jul
CARICOM - ALL COUNTRIES	3.4	2.7	2.3	2.3	2.2	2.2	2.3
ANTIGUA AND BARBUDA	12.0	11.5	11.5	11.5	4.6	4.4	4.1
THE BAHAMAS	10.8	10.8	10.7	10.6	10.6	10.6	10.2
BARBADOS	7.6	7.6	7.3	7.2	7.2	7.2	7.1
BERMUDA	6.4	6.4	6.3	6.2	6.2	6.2	6.0
BELIZE	11.1	10.5	10.5	10.5	8.3	6.7	5.4
BRITISH VIRGIN ISLANDS	12.5	12.5	12.5	12.5	12.5	12.5	12.5
CAYMAN ISLANDS	0.7	0.6	0.5	0.5	0.5	0.5	0.5
GUYANA	7.3	7.8	7.5	6.6	5.2	5.5	5.5
HAITI	2.4	1.8	1.6	1.7	1.7	1.8	2.0
JAMAICA	1.6	1.7	1.6	1.5	1.5	1.4	1.3
MONTSERRAT	9.1	9.1	9.1	9.1	9.1	9.1	9.1
SURINAME	8.3	1.1	1.6	2.7	2.6	2.3	2.5
TRINIDAD & TOBAGO	6.9	6.8	6.8	6.5	6.5	6.2	6.0
TURKS AND CAICOS ISLANDS	8.3	8.3	8.3	8.3	6.3	4.5	2.9

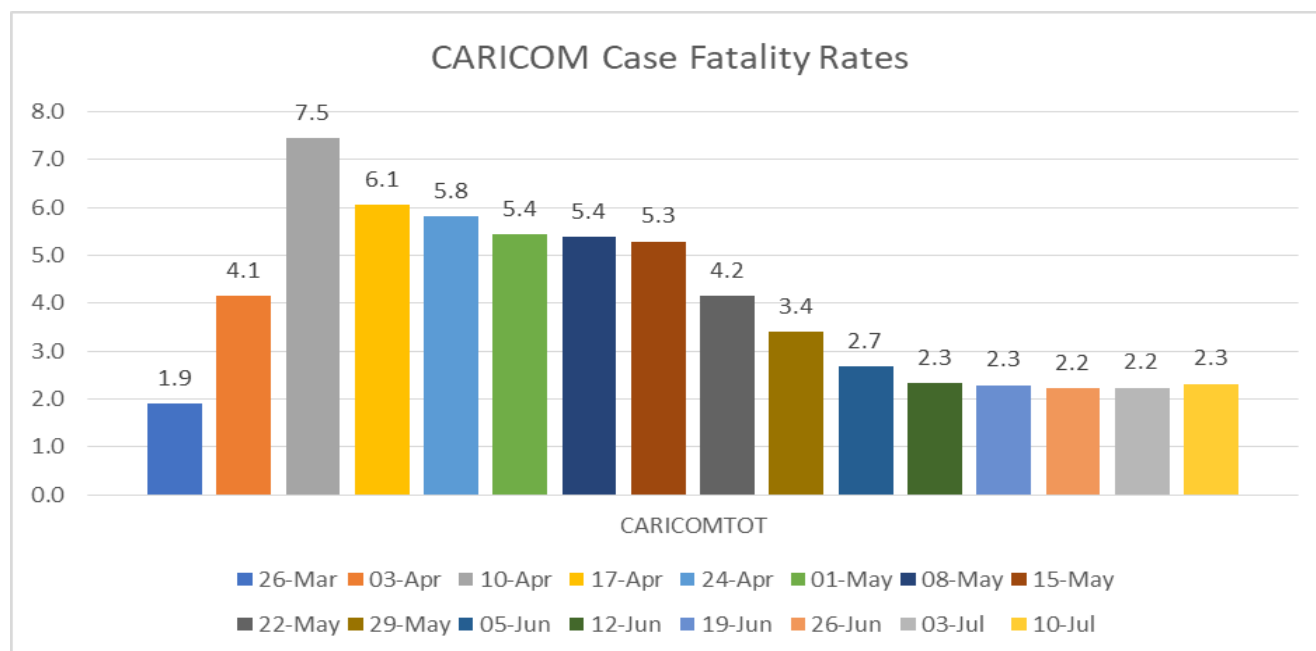
Note: The number of deaths to confirmed cases reflects a fatality rate that does not take the population size into consideration. Please check previous issues for values for earlier periods.

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**CHART 4: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
ALL COUNTRIES-CASE FATALITY RATES AS AT 10 JULY 2020**

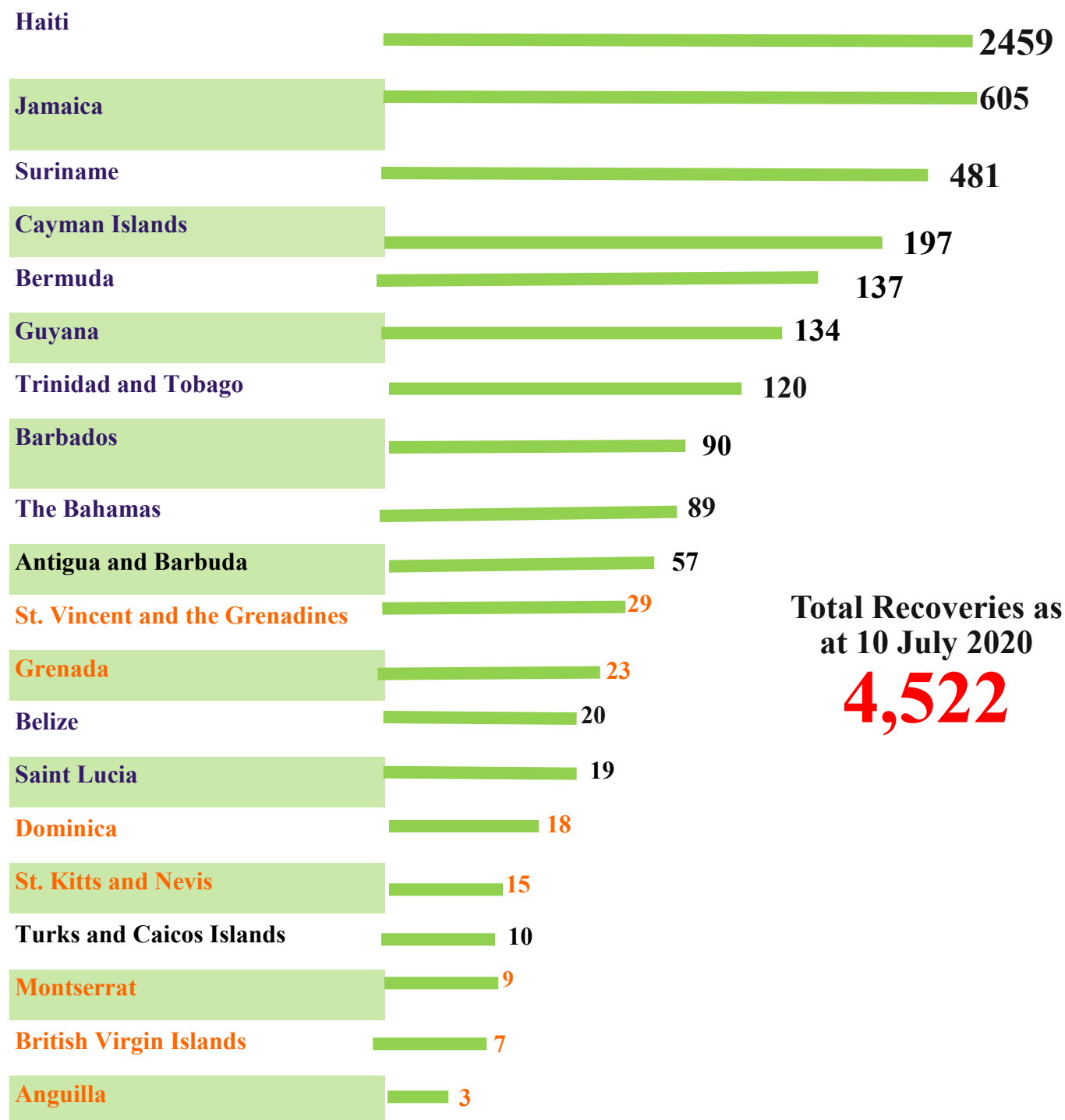


**CHART 4A: CARICOM—ALL COUNTRIES- CASE FATALITY RATES
26 MARCH - 10 JULY**



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SUMMARY OF RECOVERED CASES AS AT 10 JULY 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 10 JULY 2020

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPITALISATIONS
Haiti	6582	2459	3993	13709	186
Jamaica	753	605	119	27836	10
Suriname	726	481	227	1244	
Cayman Islands	201	197	3	26177	0
Bermuda	150	137	4	13440	0
Guyana	290	134	140	3112	
Trinidad and Tobago	133	120	5	5776	5
Barbados	98	90	1	8655	0
The Bahamas	108	89	8	2519	0
Antigua and Barbuda	74	57	14	860	
St Vincent and the Grenadines	29	29	0	1023	0
Grenada	23	23	0	853	0
Belize	37	20	15	2577	
Saint Lucia	22	19	3	1955	
Dominica	18	18	0	643	0
St Kitts and Nevis	15	15	0	651	0
Turks and Caicos Islands	69	10	56	906	4
Montserrat	11	9	0	62	0
British Virgin Islands	8	7	0	439	0
Anguilla	3	3	0	305	0
Total	9350	4522	4588		

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

All active cases in **Anguilla, British Virgin Islands, Dominica, Grenada, Montserrat, St Kitts and Nevis and St Vincent and the Grenadines** have recovered up to the end of the reporting period **10 July**.

Barbados and Bermuda, which had **no active cases** the previous period, now have **1** and **4** active cases, respectively. **Cayman Islands** has **3** active cases.

Trinidad and Tobago has **5** active cases, **The Bahamas** is at **8** active cases, **Antigua and Barbuda** is at **14** and **Belize** is at **15**. Except for The Bahamas all of the other three countries had no active cases at a previous reporting period.

Turks and Caicos Islands and Suriname that previously had no active cases in prior reporting periods now have **56** and **227** active cases, respectively.

Thirteen countries have less than **10** active cases.

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Table 5: NUMBER OF TESTS AND RATE PER 100,000 POPULATION – AS AT 10 JULY 2020

COUNTRY	NO. OF TESTS	NO. OF TESTS PER 100,000
Anguilla	305	2033.3
Antigua and Barbuda	860	905.1
Barbados	8655	3151.5
Belize	2577	647.4
Bermuda	13440	21008.9
British Virgin Islands	439	1506.0
Cayman Islands	26177	39774.8
Dominica	643	893.1
Grenada	853	765.2
Guyana	3112	420.0
Haiti	13709	120.1
Jamaica	27836	1020.6
Montserrat	62	1240.0
Saint Lucia	1955	1092.2
St Kitts and Nevis	651	1228.3
St Vincent and the Grenadines	1023	921.6
Suriname	1244	213.4
The Bahamas	2519	660.6
Trinidad and Tobago	5776	425.0
Turks and Caicos Islands	906	2193.7

Note: The top five countries based on the number of tests per 100,000 are: **Cayman Islands (39,774.8)**, **Bermuda, (21,008.9)**, **Barbados (3,151.5)**, **Turks and Caicos Islands (2,193.7)** and **Anguilla (2,033.3)** 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. However, a few countries have been able to obtain PCR-based testing equipment from other countries such as the United Kingdom.

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

18 APRIL - 10 JULY 2020

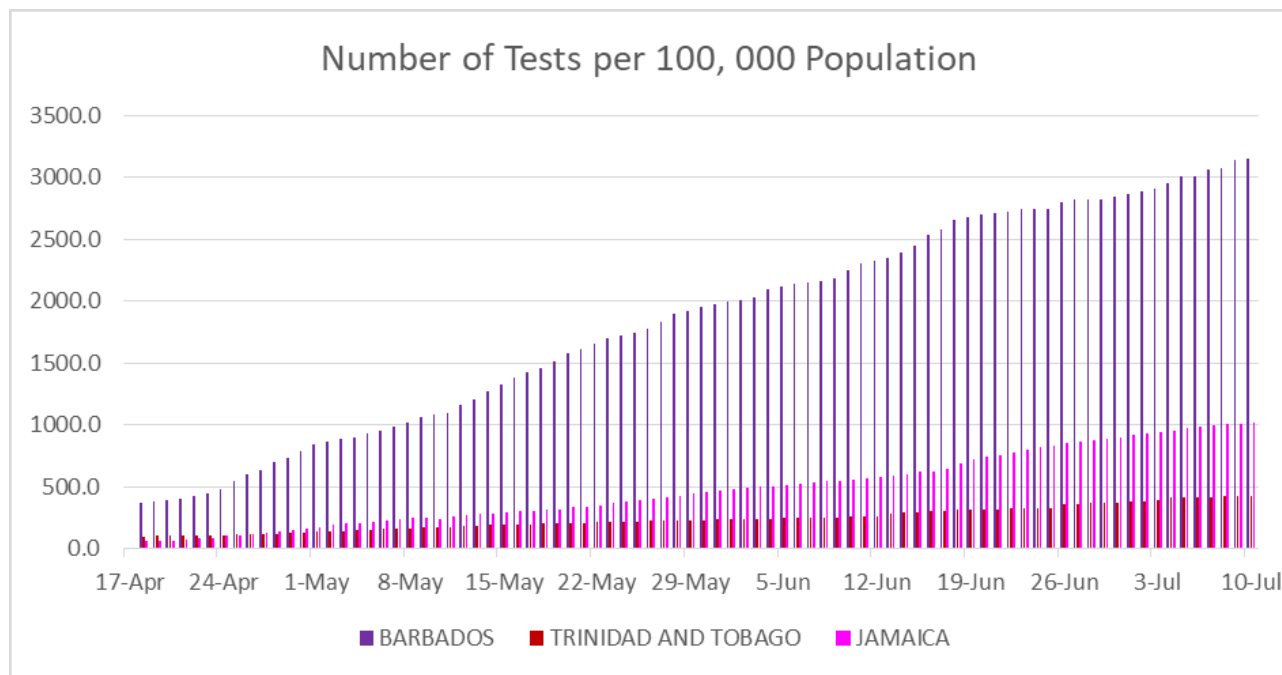
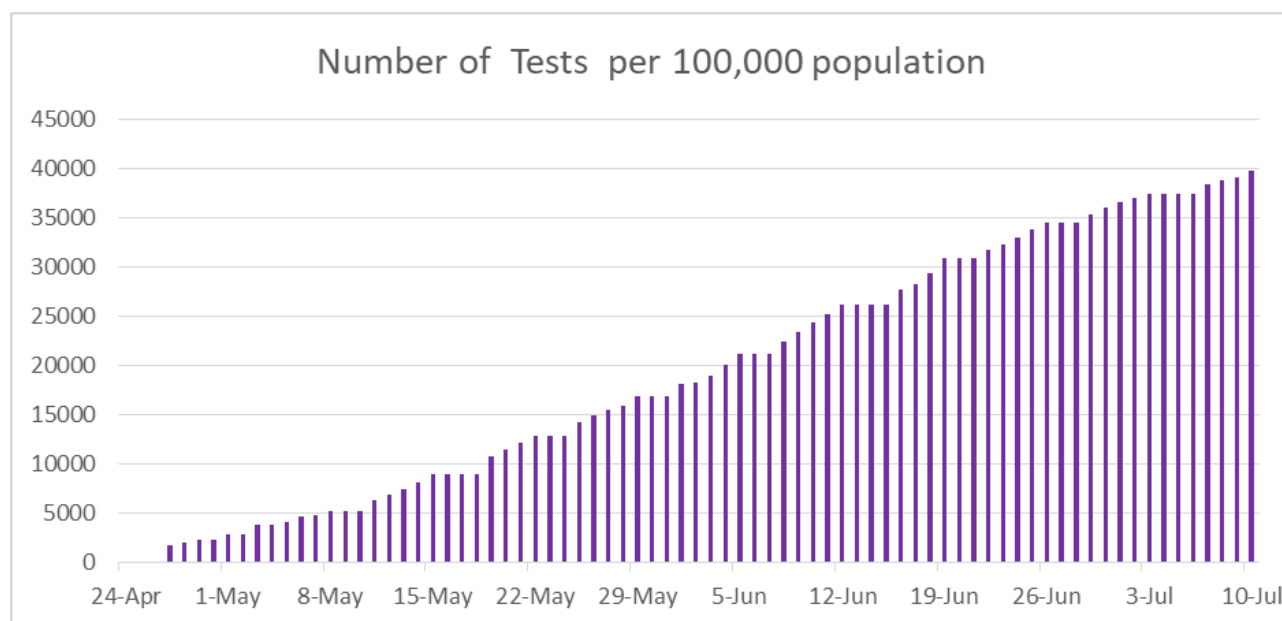


CHART 5A: NUMBER OF TESTS PER 100, 000 POPULATION— CAYMAN ISLANDS

27 APRIL— 10 JULY 2020



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CHART 5B: NUMBER OF RECOVERIES - BARBADOS

18 APRIL - 10 JULY 2020

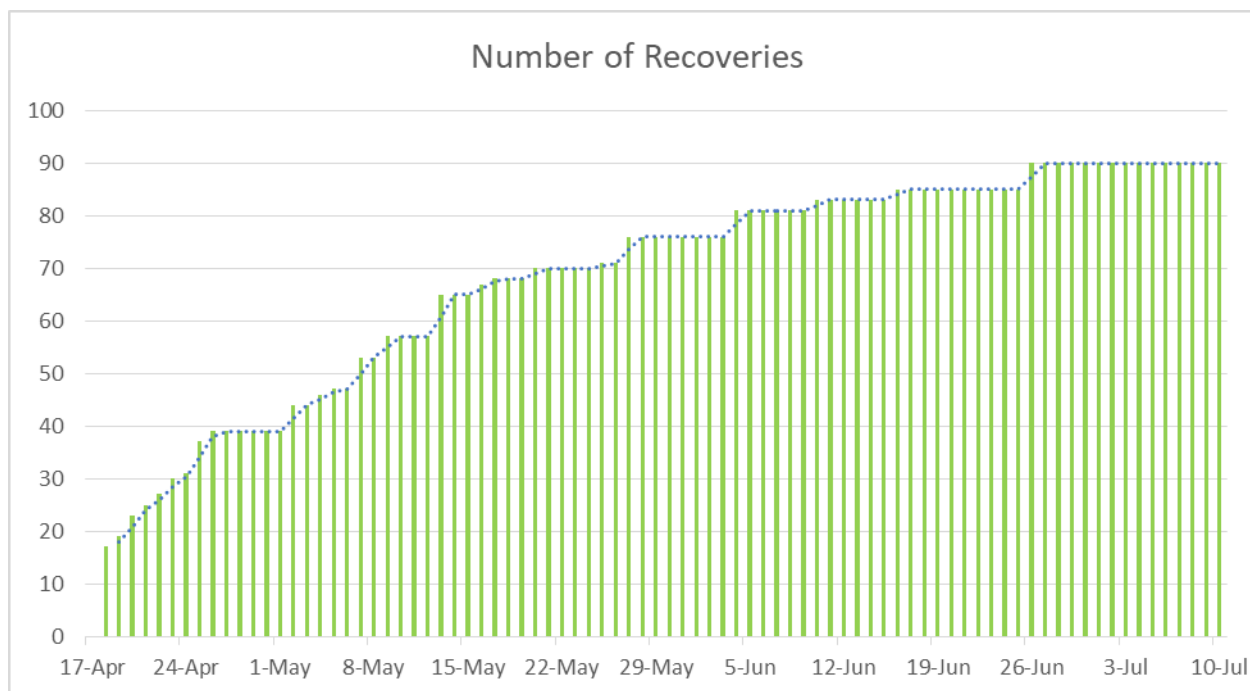
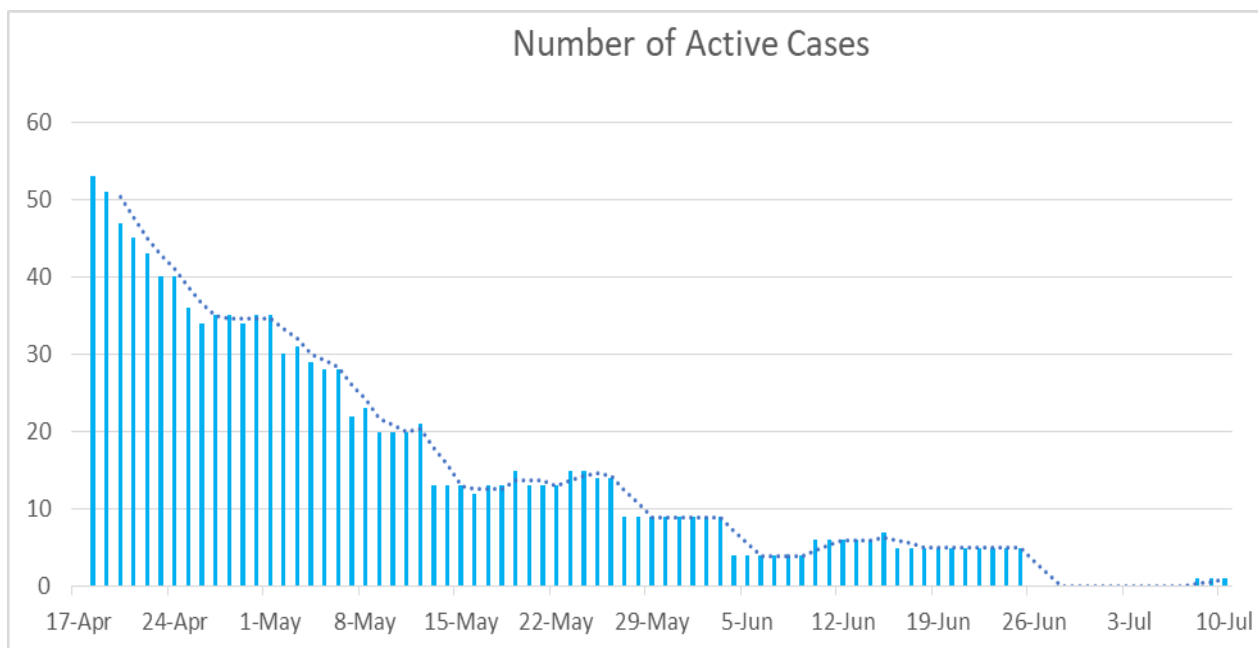


CHART 5C: NUMBER OF ACTIVE CASES - BARBADOS

18 APRIL - 10 JULY 2020



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CHART 5D: NUMBER OF TESTS CONDUCTED - BARBADOS

18 APRIL - 10 JULY 2020

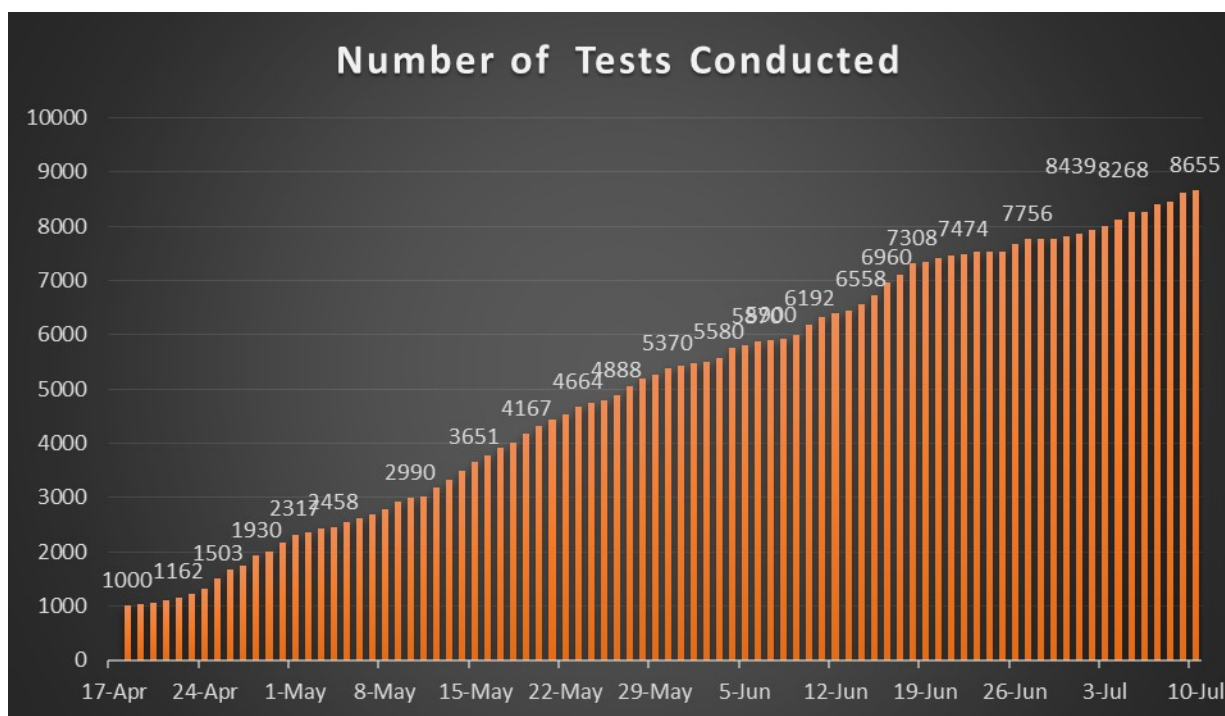
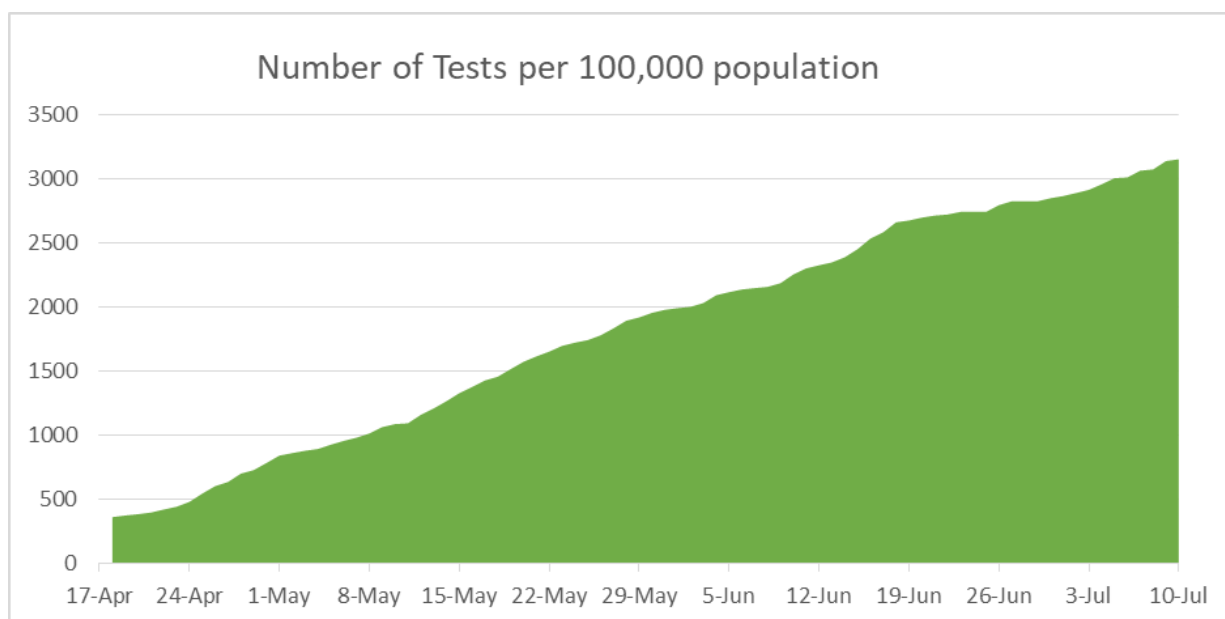


CHART 5E: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - BARBADOS

18 APRIL - 10 JULY 2020



Special Topic Bulletin - COVID 19

CHART 5F: NUMBER OF RECOVERIES - JAMAICA
18 APRIL– 10 JULY 2020

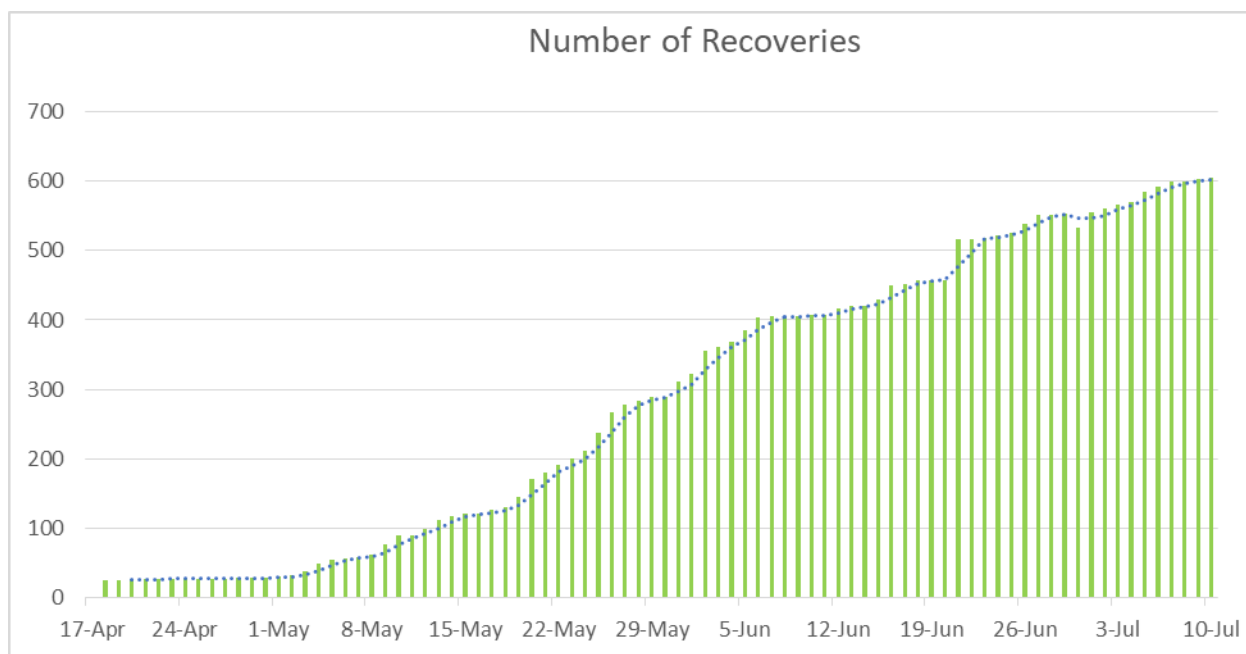
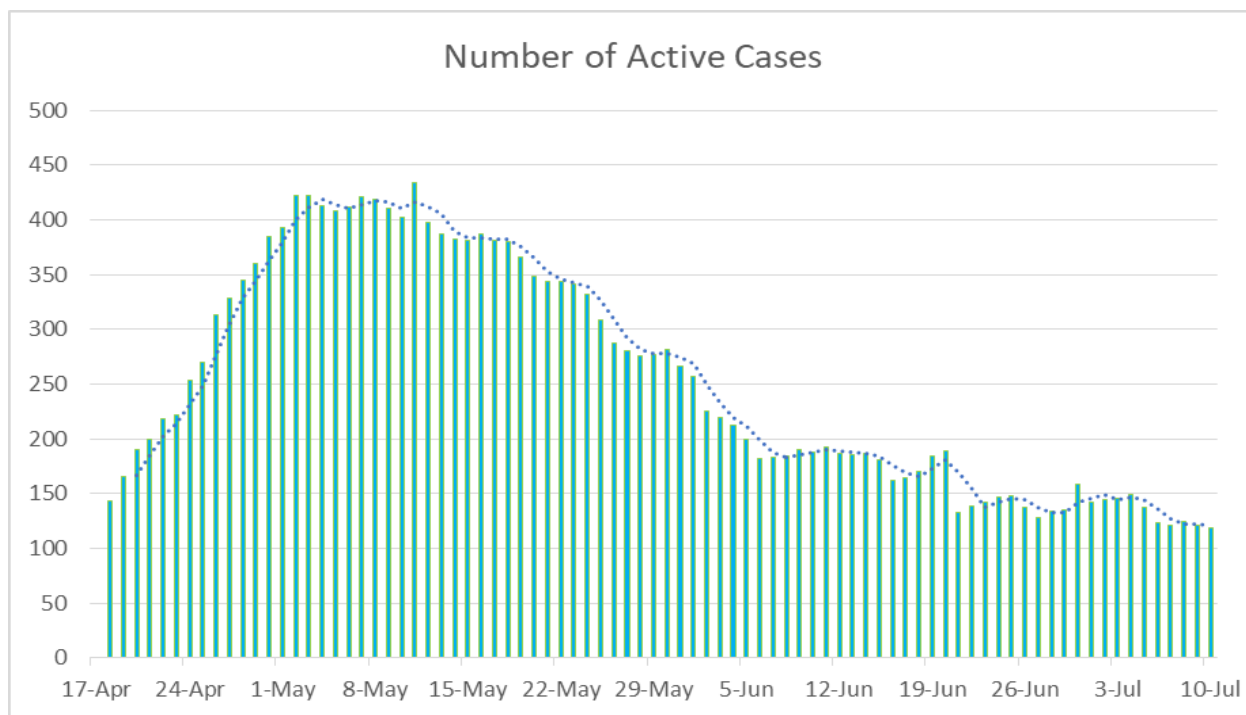


CHART 5G: NUMBER OF ACTIVE CASES - JAMAICA
18 APRIL - 10 JULY 2020



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CHART 5H: NUMBER OF TESTS CONDUCTED - JAMAICA
18 APRIL - 10 JULY 2020

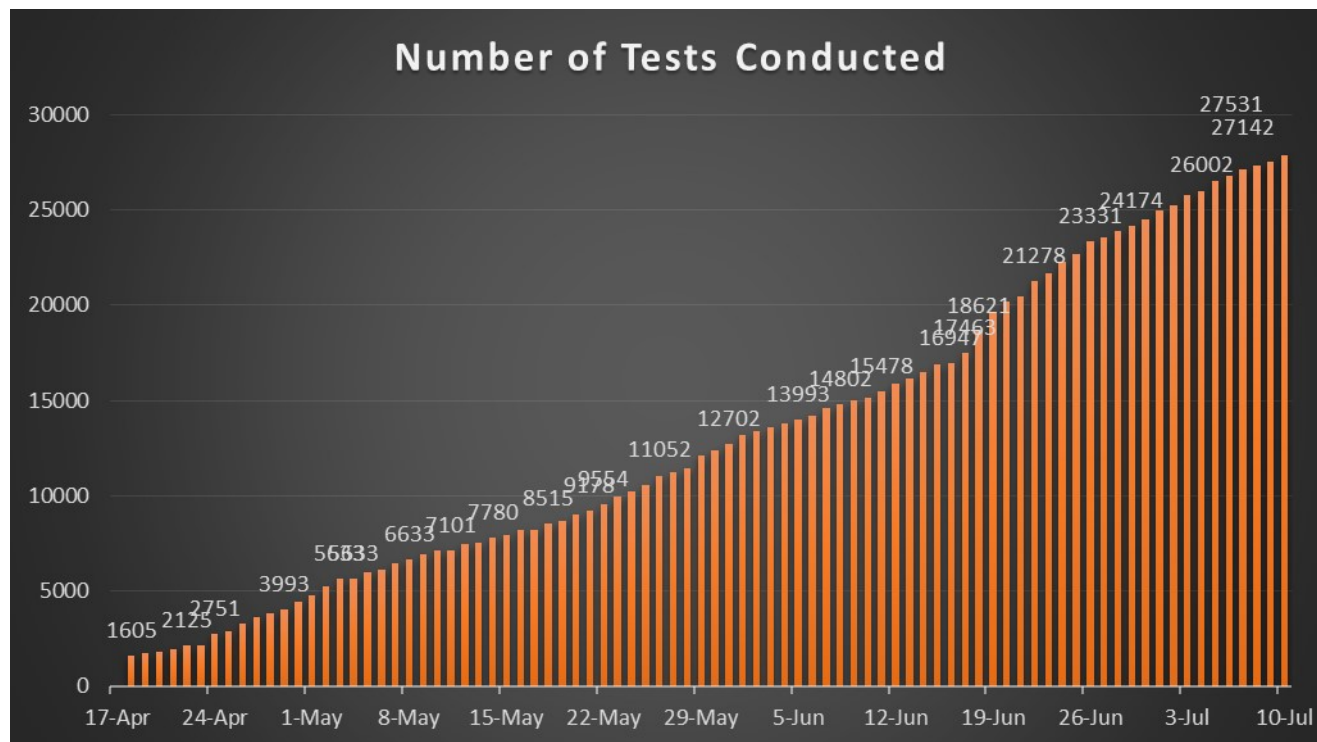
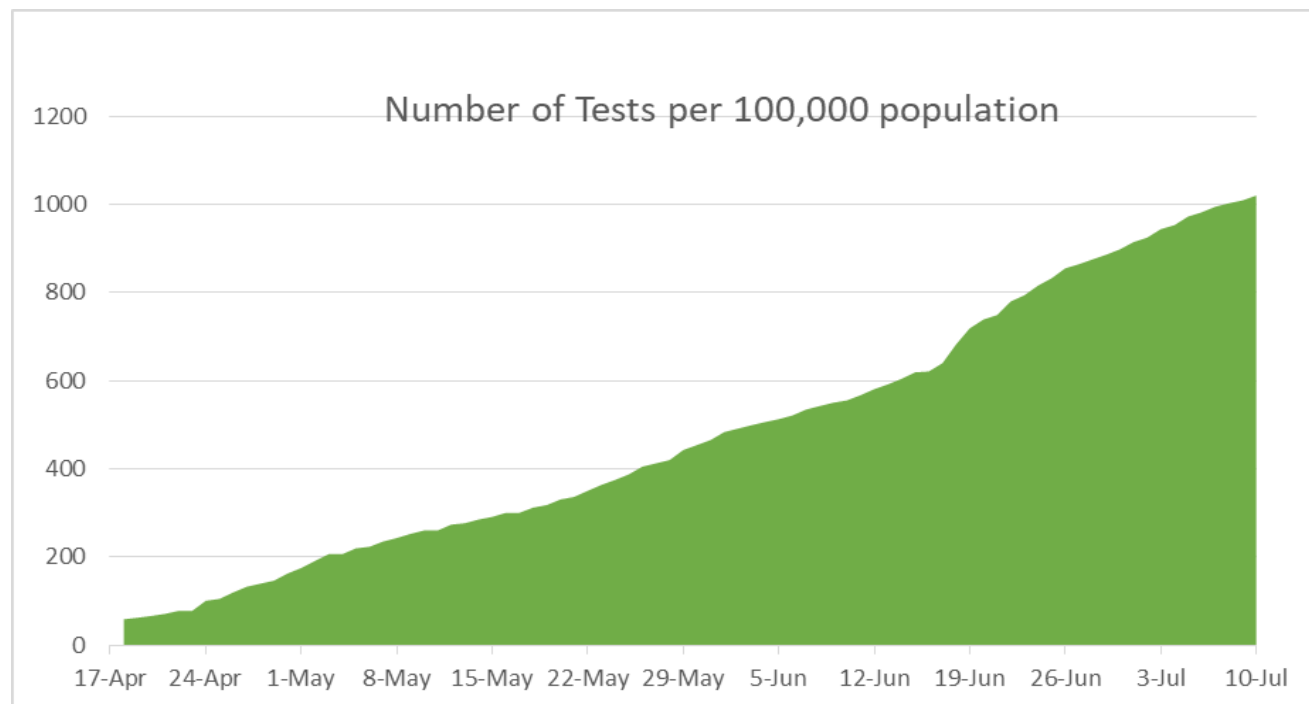


CHART 5I: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - JAMAICA
18 APRIL - 10 JULY 2020



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CHART 5J: NUMBER OF RECOVERIES - TRINIDAD AND TOBAGO
18 APRIL - 10 JULY 2020

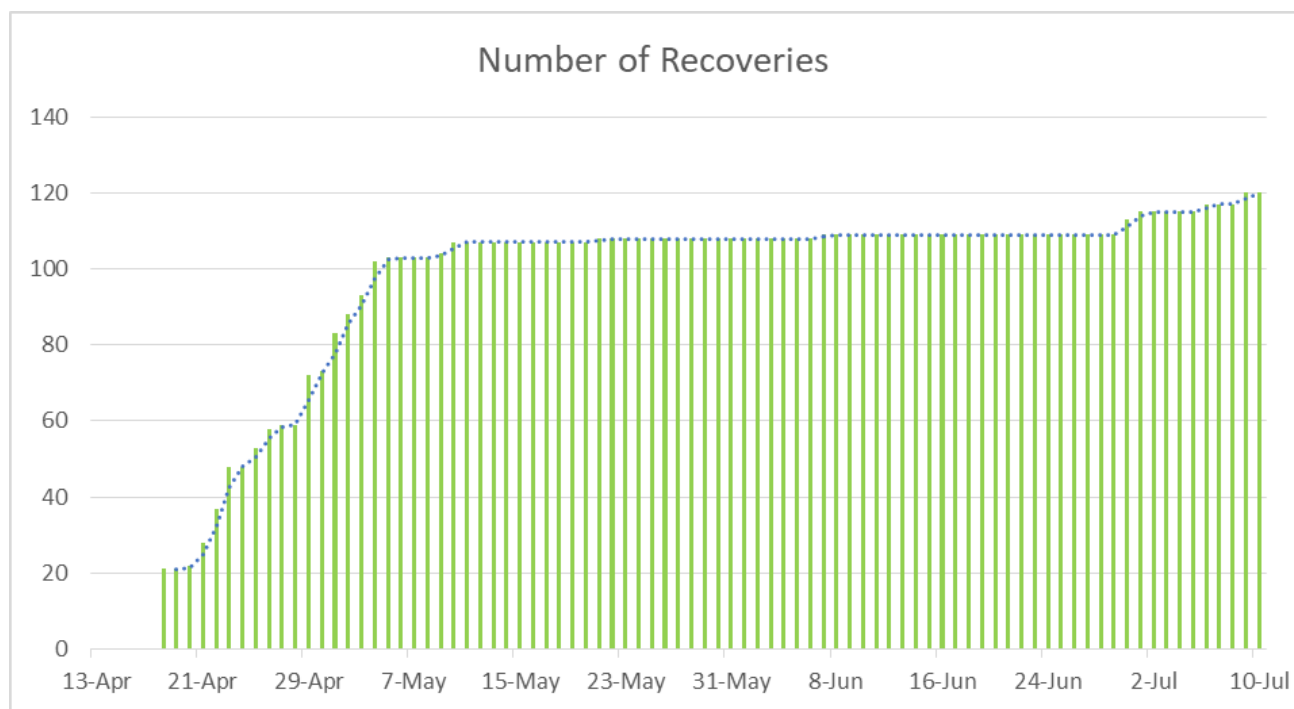
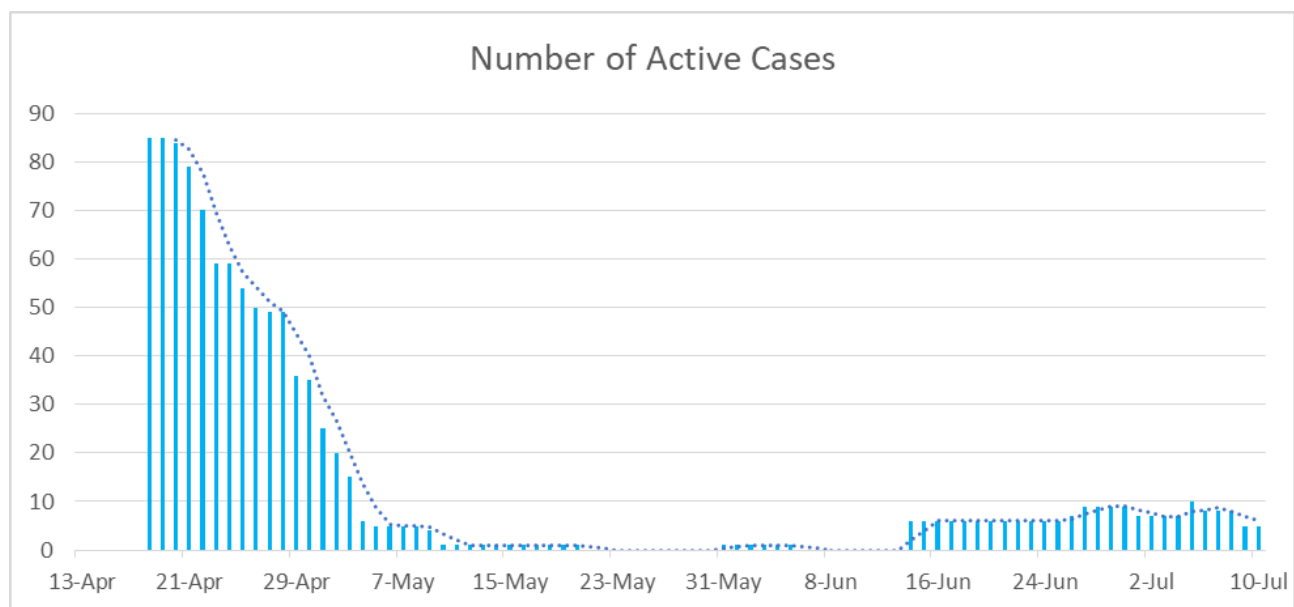


CHART 5K: NUMBER OF ACTIVE CASES- TRINIDAD AND TOBAGO
18 APRIL - 10 JULY 2020



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CHART 5L: NUMBER OF TESTS CONDUCTED - TRINIDAD AND TOBAGO
18 APRIL - 10 JULY 2020

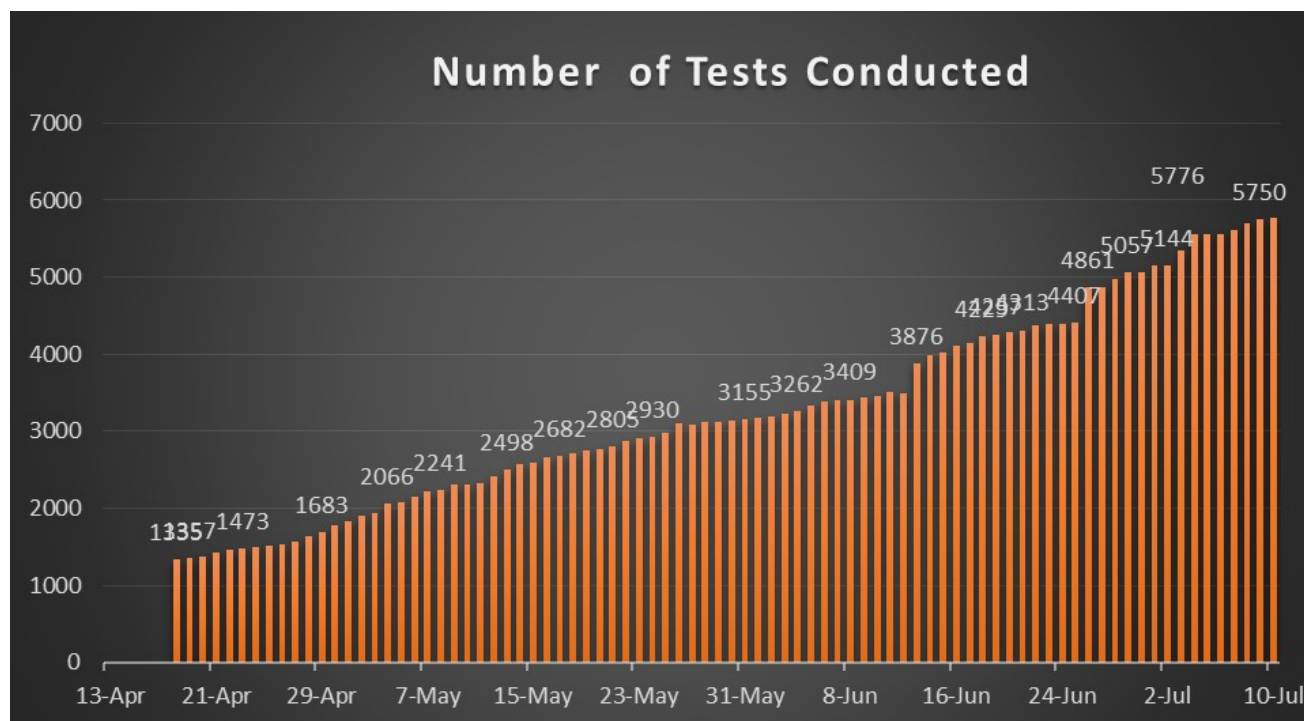
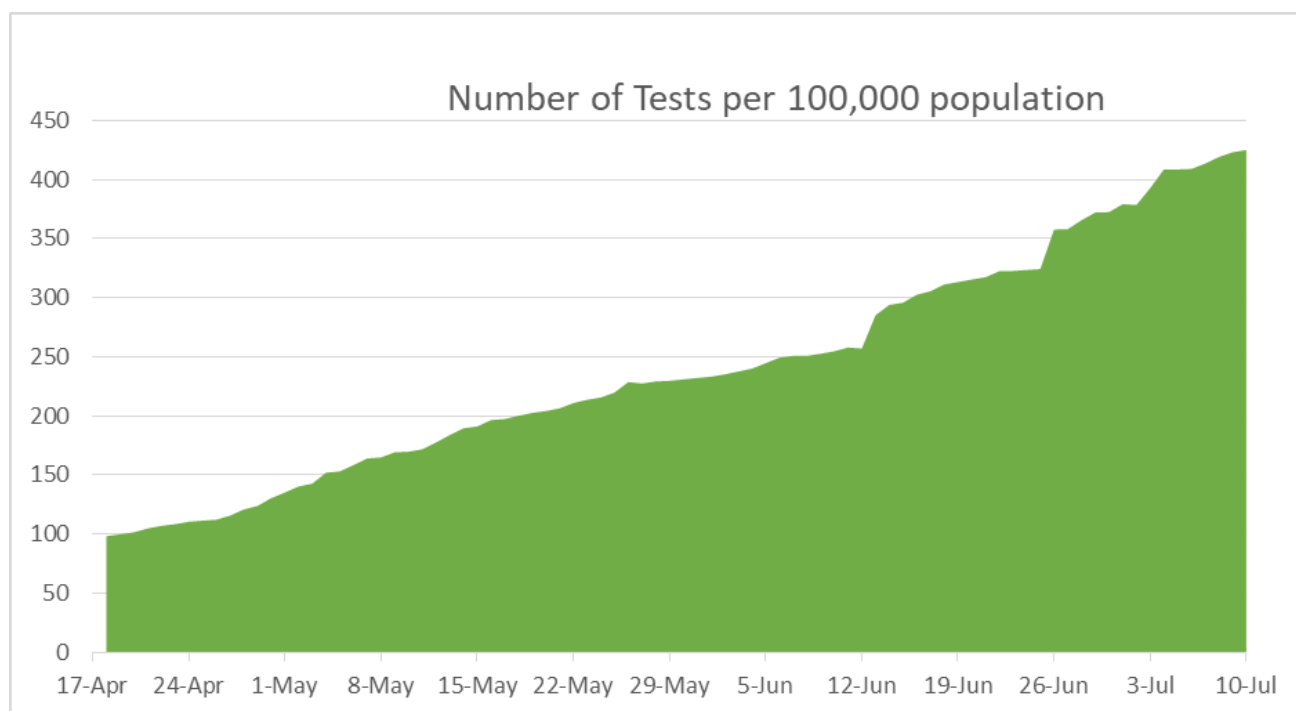


CHART 5M: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - TRINIDAD AND TOBAGO
18 APRIL - 10 JULY 2020



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CHART 5N: NUMBER OF RECOVERIES - BERMUDA
18 APRIL - 10 JULY 2020

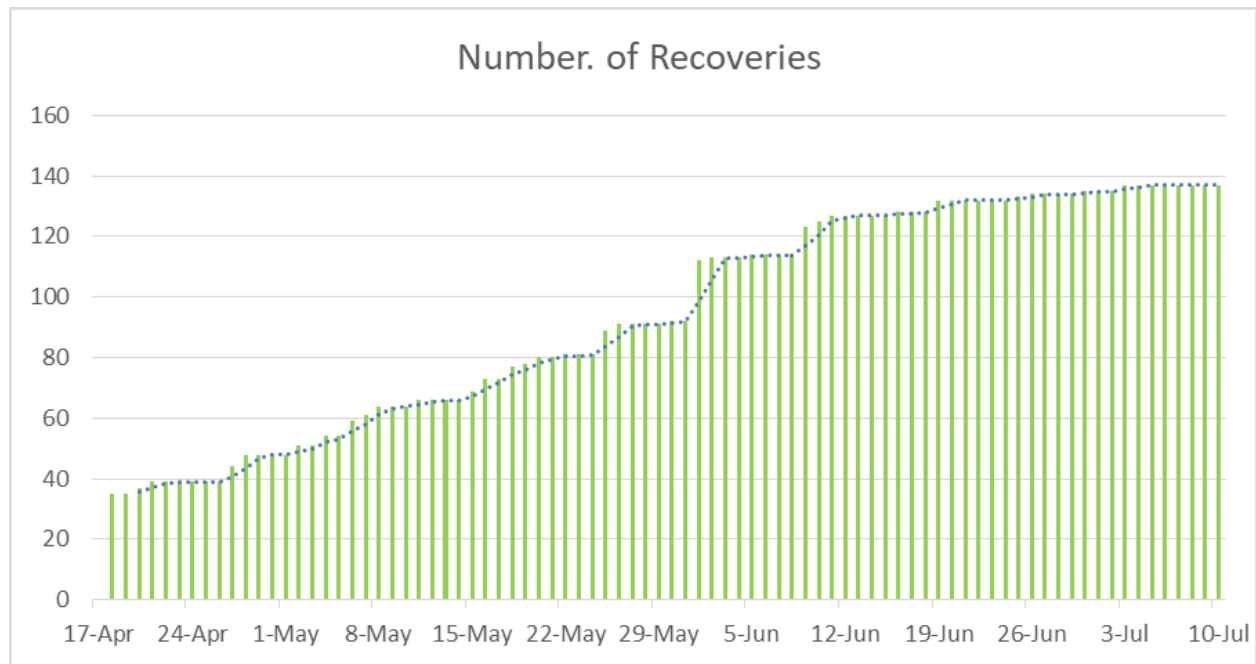
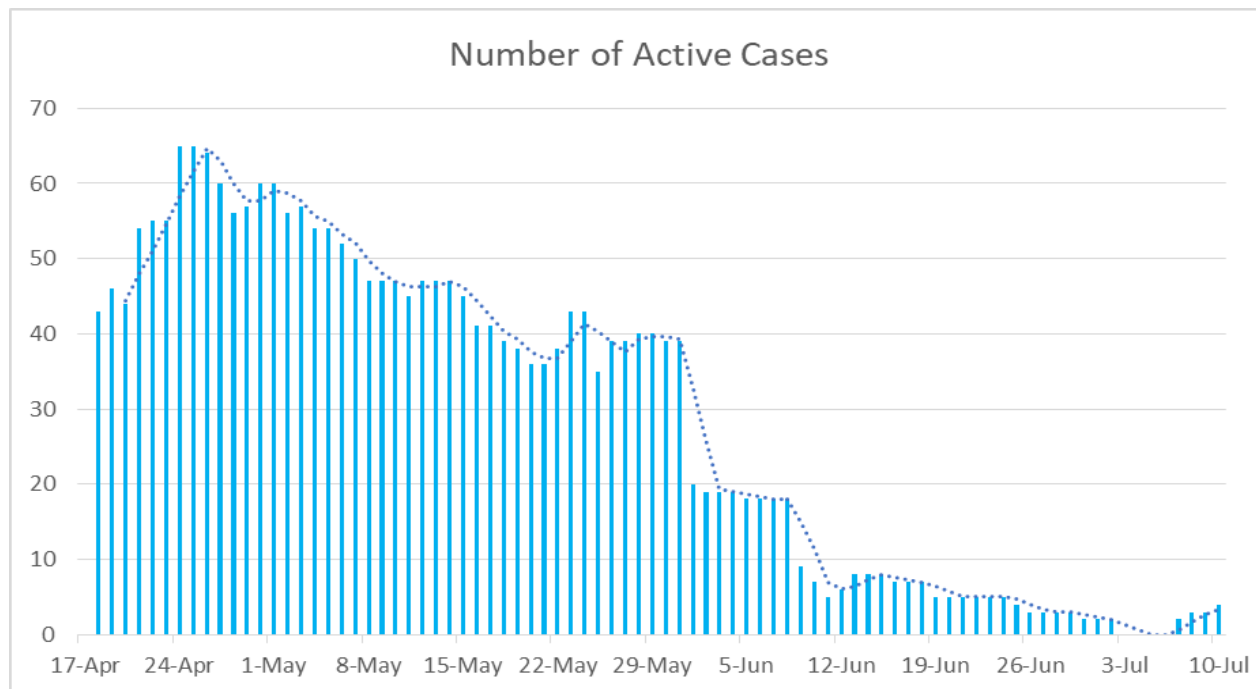


CHART 5O: NUMBER OF ACTIVE CASES - BERMUDA
18 APRIL - 10 JULY 2020



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CHART 5P: NUMBER OF TESTS CONDUCTED - BERMUDA
18 APRIL - 10 JULY 2020

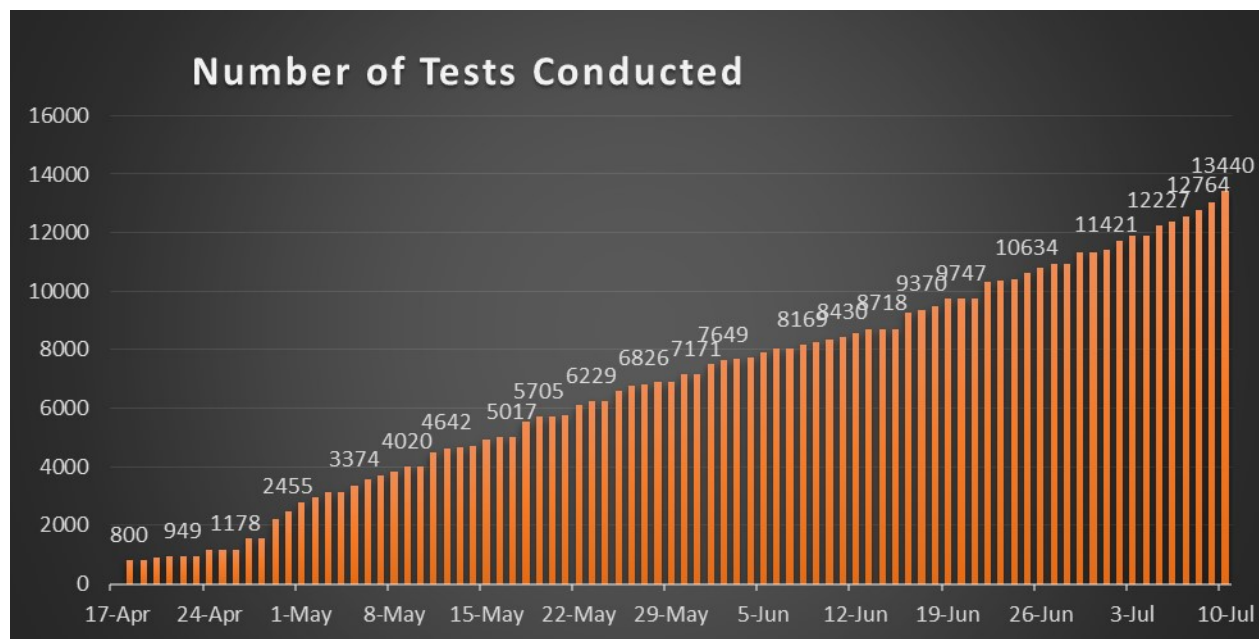
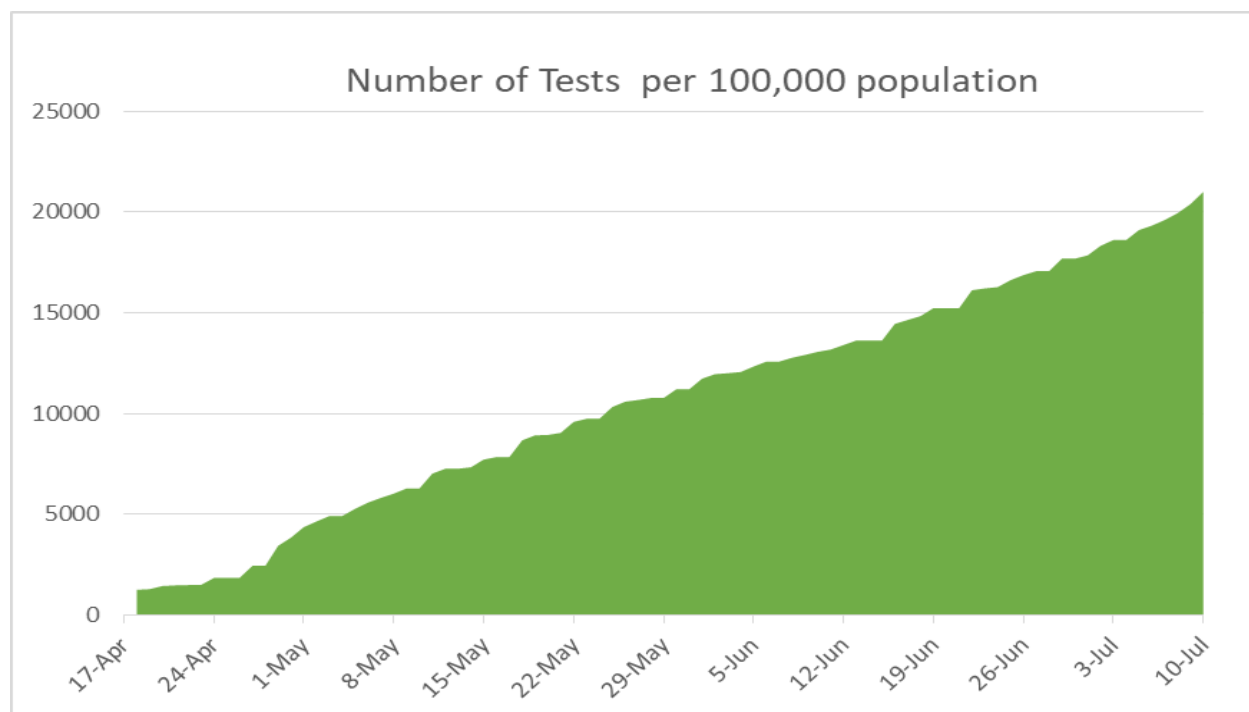






CHART 5Q: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - BERMUDA
18 APRIL - 10 JULY 2020



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TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 10 JULY 2020

Country	Imported Transmission 	Local Transmission 	Community Transmission 	Under Investigation 
Trinidad and Tobago	101 ^e	24	1	7
Guyana	4 ^e	286 ^e	0	0
Bermuda	46	85	16	3
Jamaica	235	472	39	7
St. Vincent and the Grenadines	23	6	-	-
Belize	13	24	-	-
Antigua and Barbuda	53	21		

Note: There are differences in the classification of mode of transmission. Community transmission, which according to international guidelines, reflects in part “Local Transmission” with no epidemiological Link is not used. In the case of Jamaica, approximately 236 cases from a work place cluster is placed under local transmission. Turks and Caicos Islands was inadvertently listed in Issue 15 as having 53 Imported and 15 Local Transmission instead of Antigua and Barbuda. The 21 cases listed by Antigua and Barbuda is classified as non-imported. Please see Issue 2 for explanations on Mode of Transmission.

TABLE 7: CONFIRMED CASES BY SEX - SELECTED COUNTRIES AS AT 10 JULY 2020



Country			Not Stated
Haiti	3903	2679	
Jamaica	329	424	
Guyana	151 ^e	139 ^e	
Cayman Islands	105	96	
Bermuda	64	86	
Trinidad and Tobago	46	63	24
Barbados	44	54	
Belize	17	20	

CHART 6: ANTIGUA AND BARBUDA

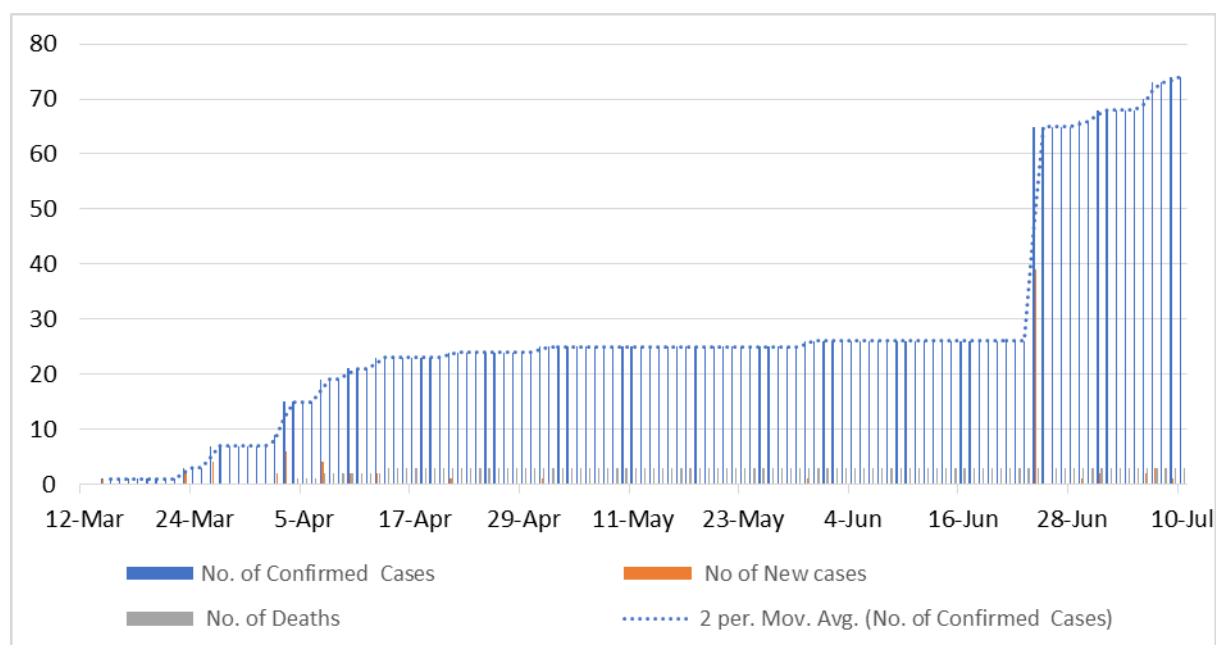
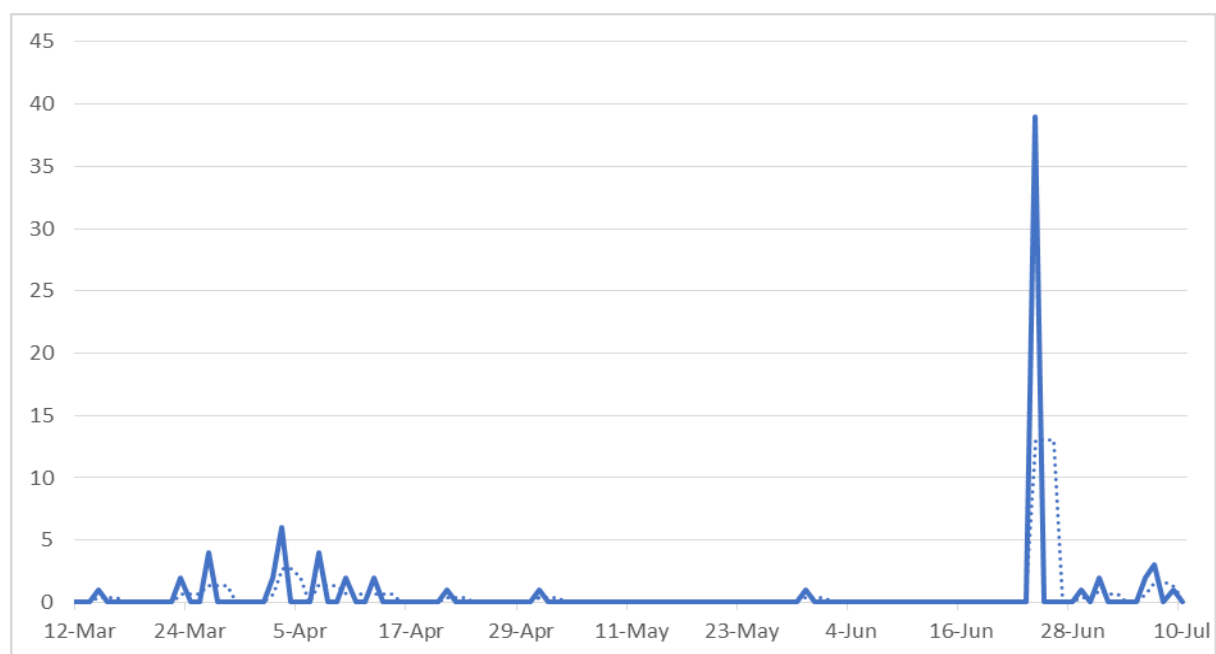


CHART 6A: ANTIGUA AND BARBUDA



Note: Antigua and Barbuda had **6 new cases** during **4-10 July** as compared to **3 new cases** during the period **27 June to 3 July** and **39** for the previous reporting period **20 – 26 June**. The total number of cases stood at **74** as at **10 July**, with **14** active cases.

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CHART 7: THE BAHAMAS

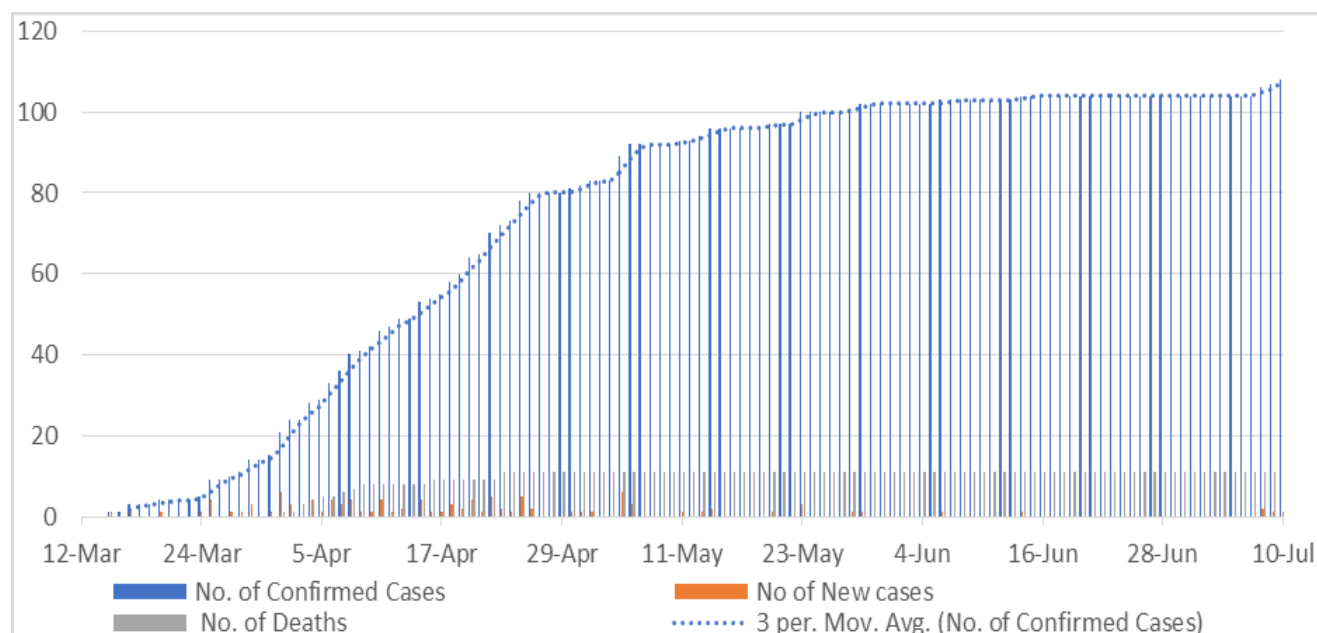
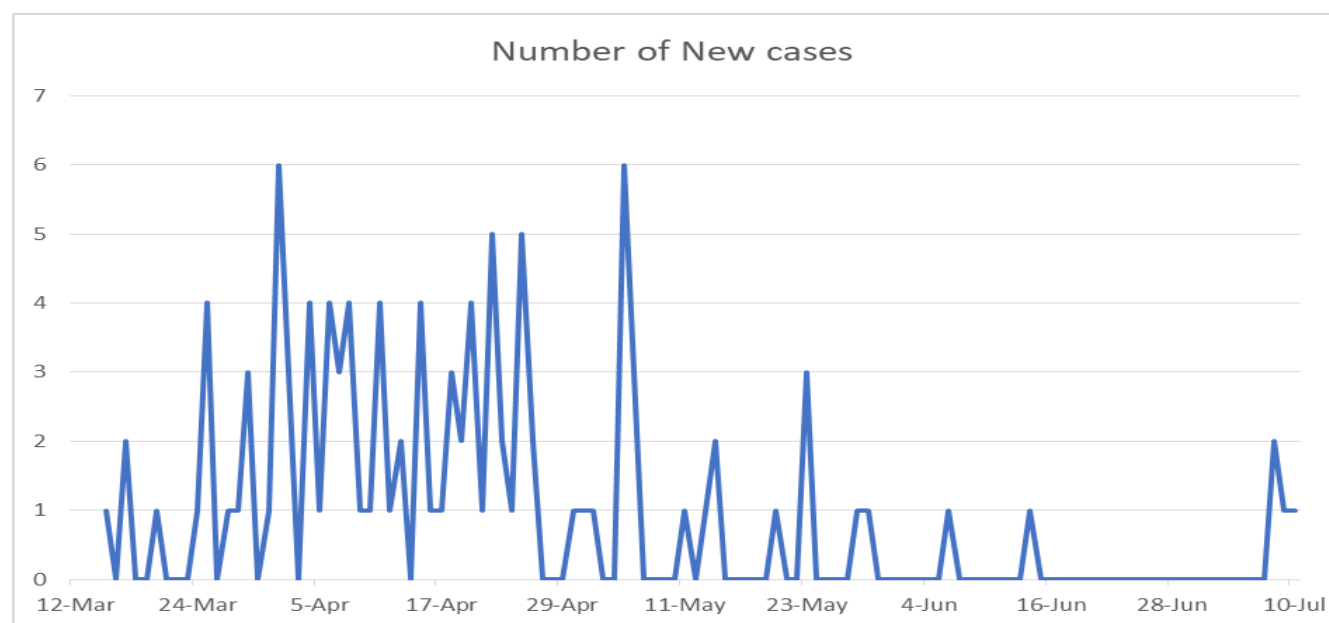
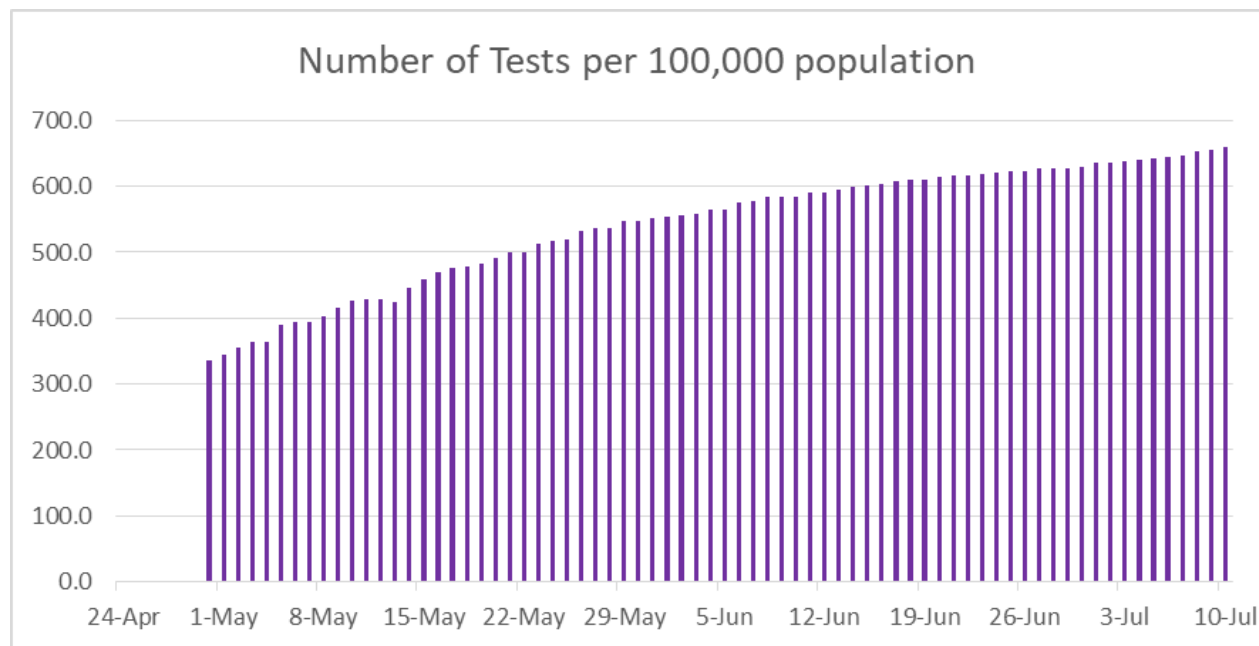


CHART 7A: THE BAHAMAS



Note: The Bahamas had **4 new cases** during **4-10 July** as compared to **no new cases** for the past two reporting periods. The number of confirmed cases increased to **108** as at **10 July**, with **8** active cases.

CHART 7B: THE BAHAMAS

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CHART 8: BARBADOS

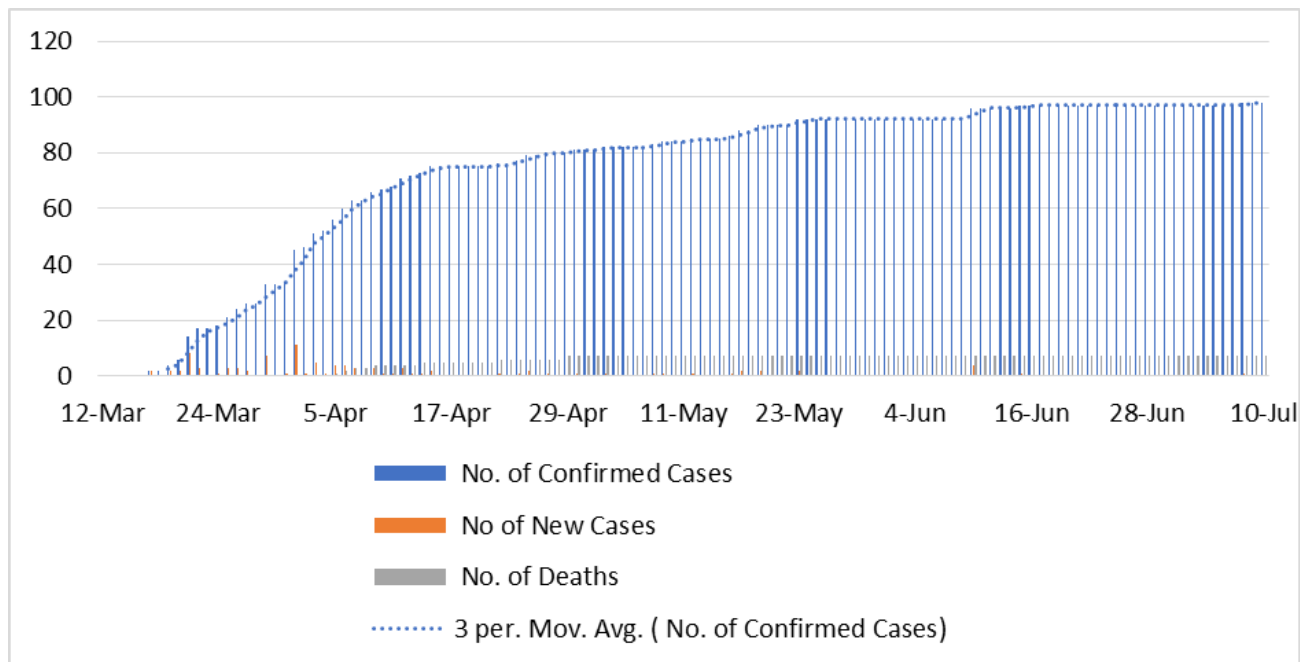
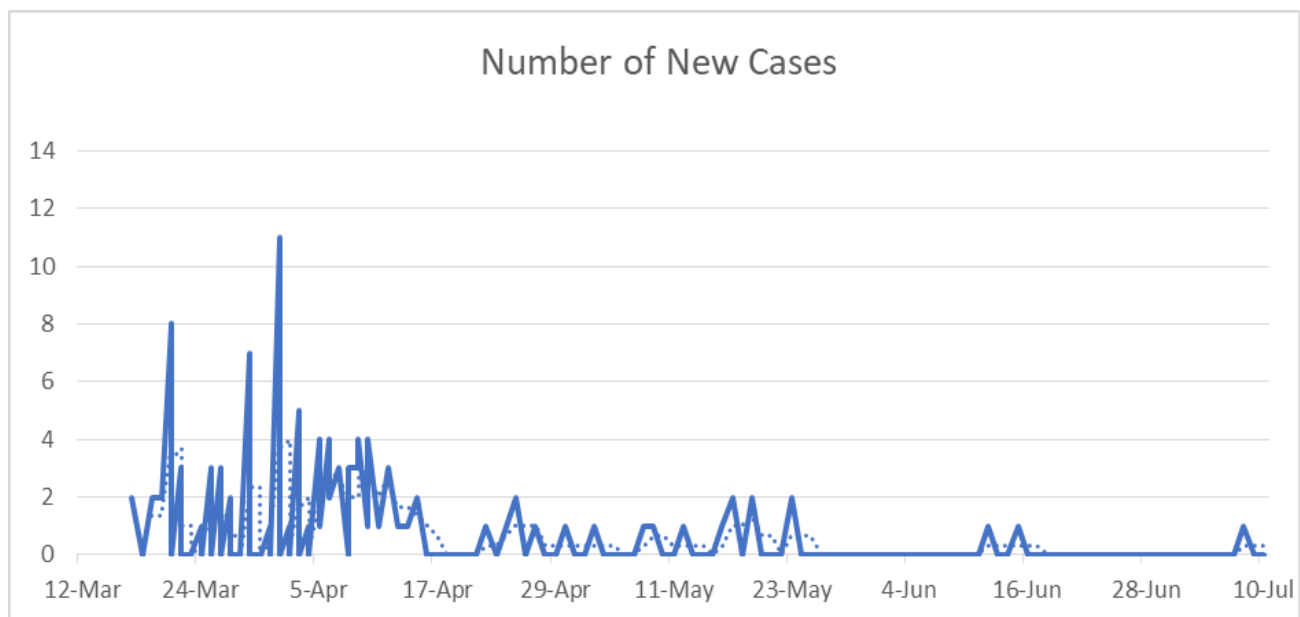


CHART 8A: BARBADOS



Note: Barbados had **one new case** during the period **4-10 July** after having **no new cases** during the past two reporting periods. The number of confirmed cases stood at **98**. Barbados now has **one** active case as at **10 July** after having no active cases as at **3 July**.

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CHART 9: BELIZE

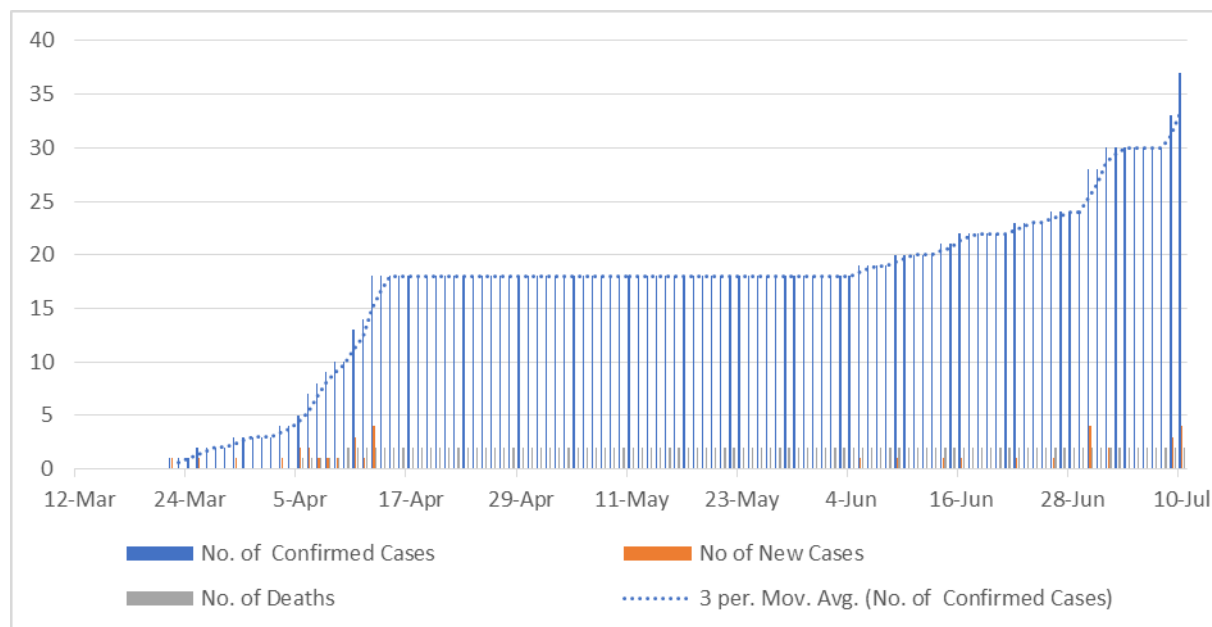
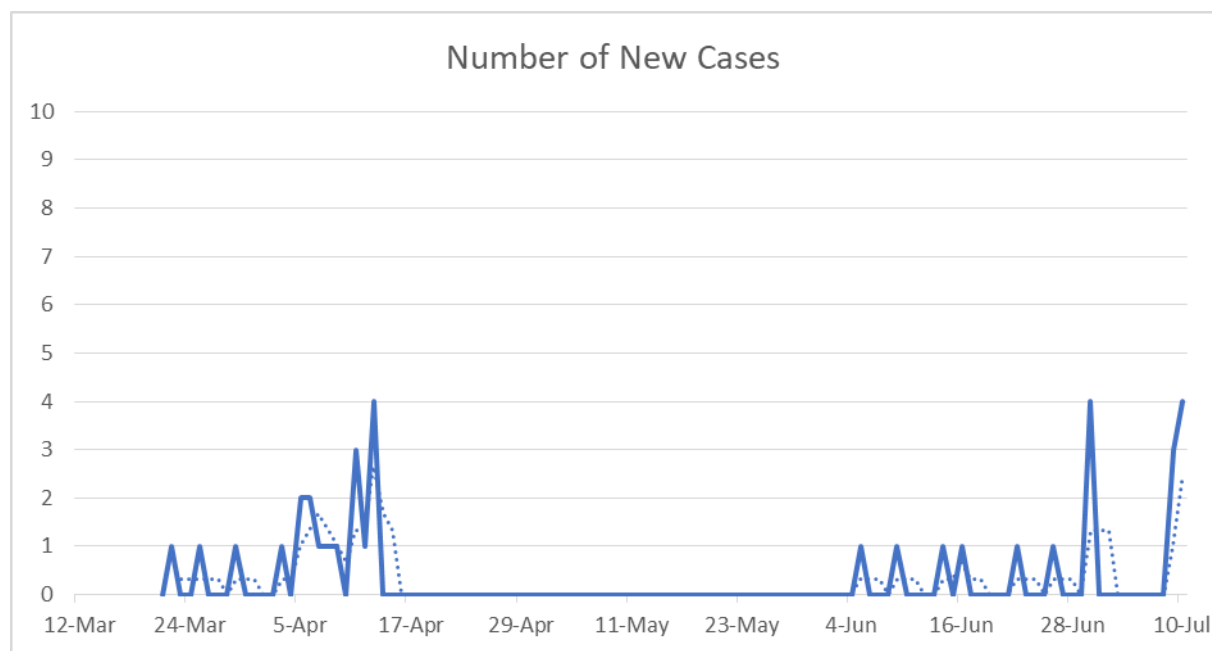


CHART 9A: BELIZE



Note: Belize had 7 new cases during 4-10 July as compared to 4 new cases during 27 June - 3 July and 2 new cases during 20-26 June. The number of cases stood at 37 as at 10 July, with 15 active cases.

CHART 10: DOMINICA

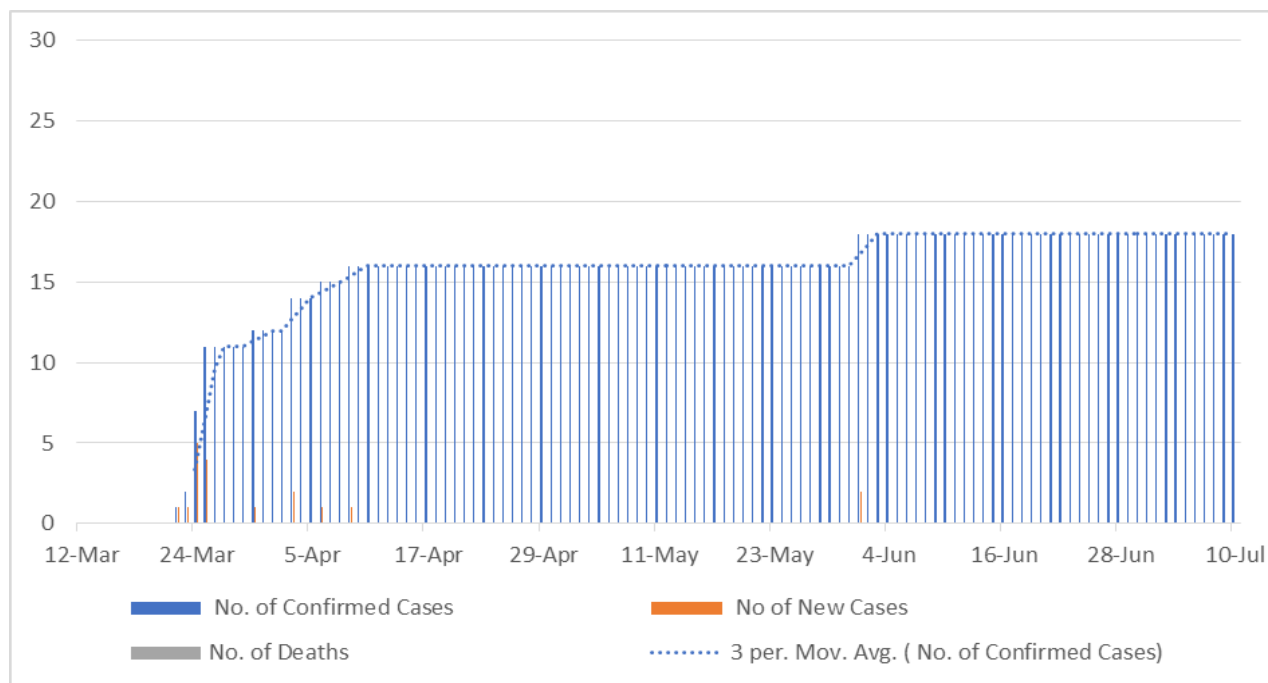
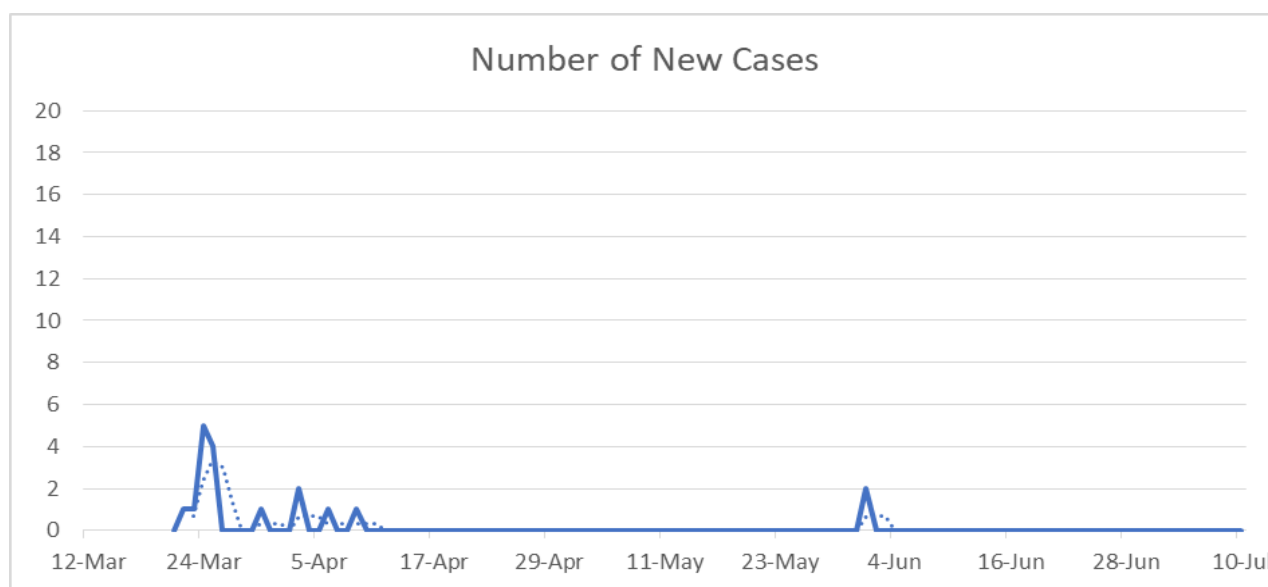


CHART 10A: DOMINICA



Note: Dominica had no new cases of COVID-19 during the current reporting period **4 -10 July**. The last new case/cases occurred on **1 June**, a period of **39 days** up to **10 July**. The number of cases stood at **18** as at **3 July**. Dominica has no active cases since **13 June**. The total number of confirmed cases is **18**. There are no active cases in Dominica since **13 June**.

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CHART 11: GRENADA

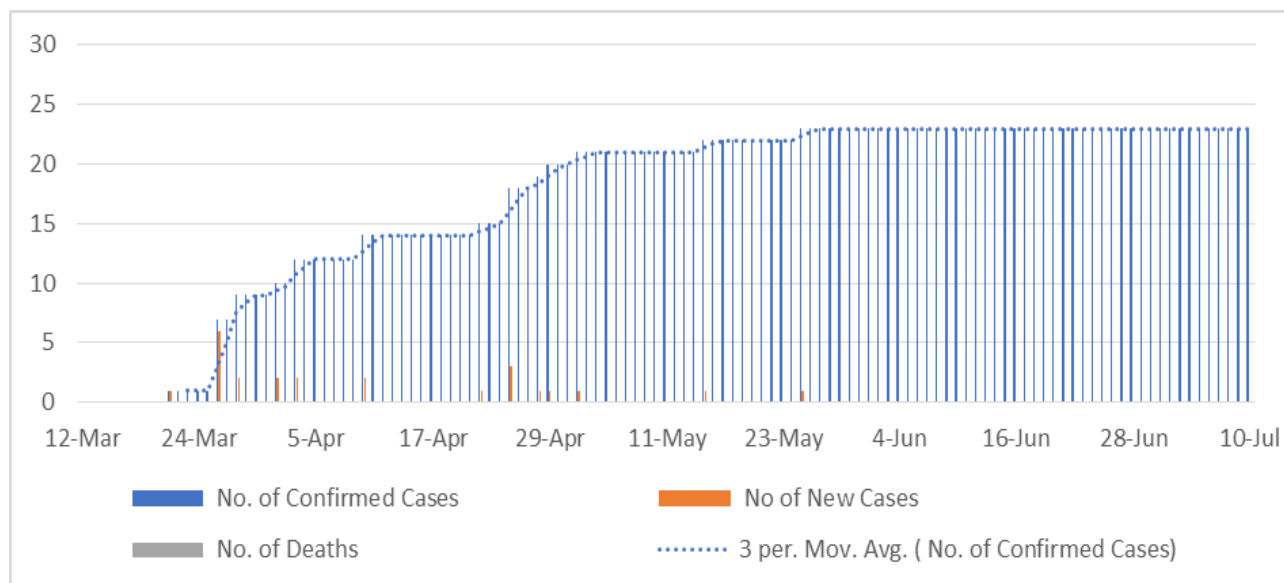
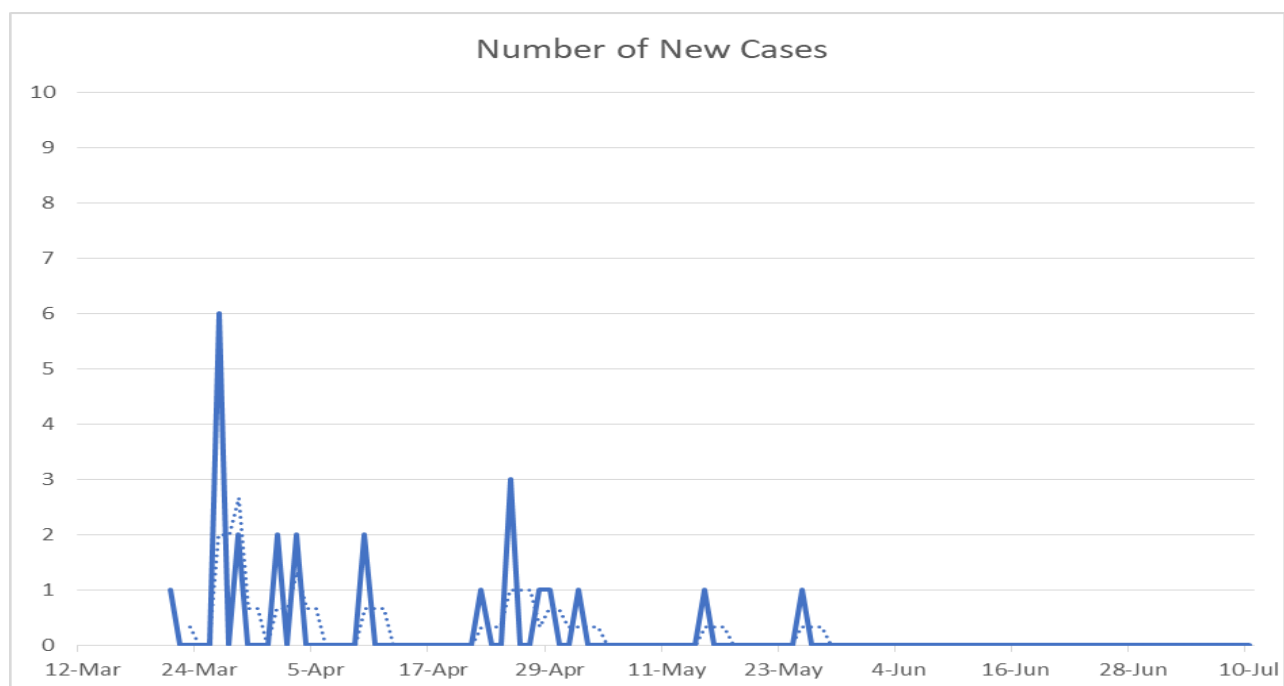


CHART 11A: GRENADA



Note: There were **no new cases** in Grenada during **4-10 July** similar to the past two reporting periods. The last new case occurred on **25 May**, a period of **46 days** up to **July 10**. The number of cases stood at **23** as at **10 July**. There are no active cases since **18 June**.

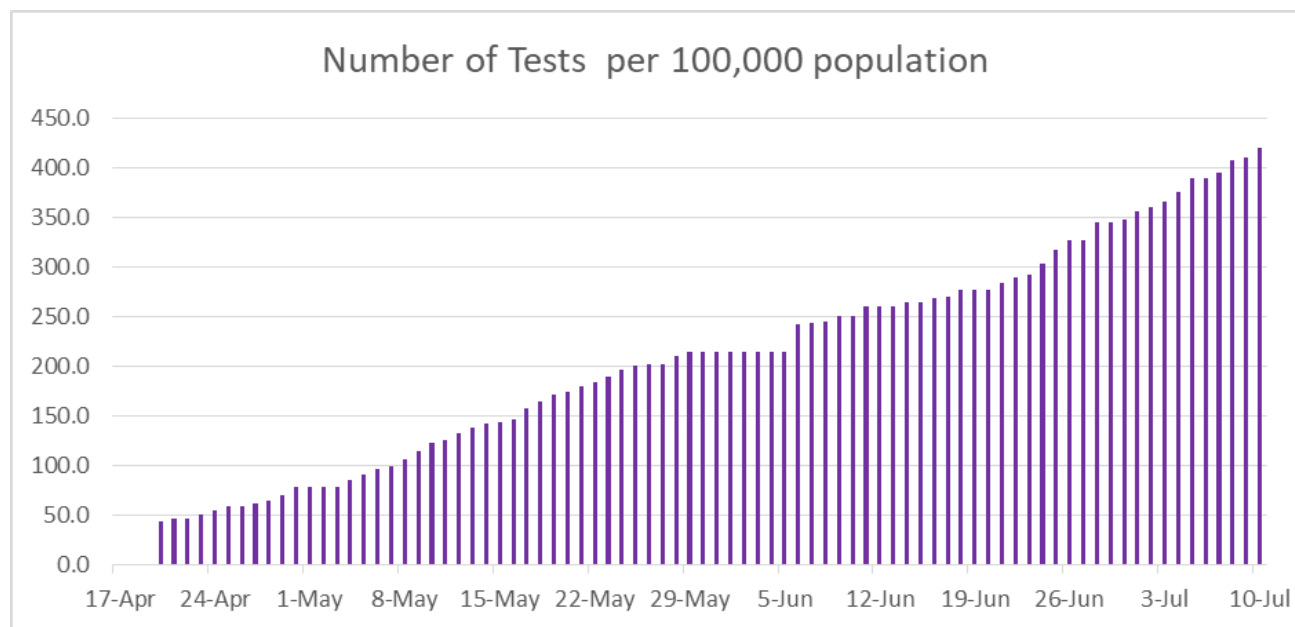
The chart displays the progression of COVID-19 in India from March 2 to July 10, 2020. The left Y-axis measures the total number of confirmed cases (0 to 350), while the right Y-axis measures the daily number of new cases (0 to 20). The X-axis marks dates at two-week intervals. The 'No. of Confirmed Cases' (solid blue line) shows a consistent upward trend, reaching approximately 290 by mid-July. The 'No. of New Cases' (orange bars) are generally low, with a significant spike of about 15 cases around June 20. The 'No. of Deaths' (grey line) remains very low, near zero. The '3 per. Mov. Avg. (No. of Confirmed Cases)' (dotted blue line) follows the general trend of the confirmed cases, smoothing out daily fluctuations.

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths	3 per. Mov. Avg. (No. of Confirmed Cases)
2-Mar	0	0	0	0
12-Mar	0	0	0	0
22-Mar	0	0	0	0
1-Apr	10	0	0	10
11-Apr	40	0	0	40
21-Apr	60	0	0	60
1-May	80	0	0	80
11-May	110	0	0	110
21-May	130	0	0	130
31-May	150	0	0	150
10-Jun	160	0	0	160
20-Jun	180	15	0	180
30-Jun	240	0	0	240
10-Jul	290	0	0	290

Number of New Cases

Date	Number of New Cases
2-Mar	1
12-Mar	3
22-Mar	1
1-Apr	7
11-Apr	7
21-Apr	6
1-May	10
11-May	7
21-May	7
31-May	11
10-Jun	1
20-Jun	12
30-Jun	10
10-Jul	4

Note: There were **34 new cases** in Guyana during **4-10 July** as compared to **26 new cases** during **27 Jun -3 July**, **47 new cases** during **20-26 June** and **24 new cases** during **13-19 June**. The number of confirmed cases for Guyana increased to **290** as at **10 July**. There were **134** active cases up to **10 July**.

CHART 12B: GUYANA

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CHART 13: HAITI

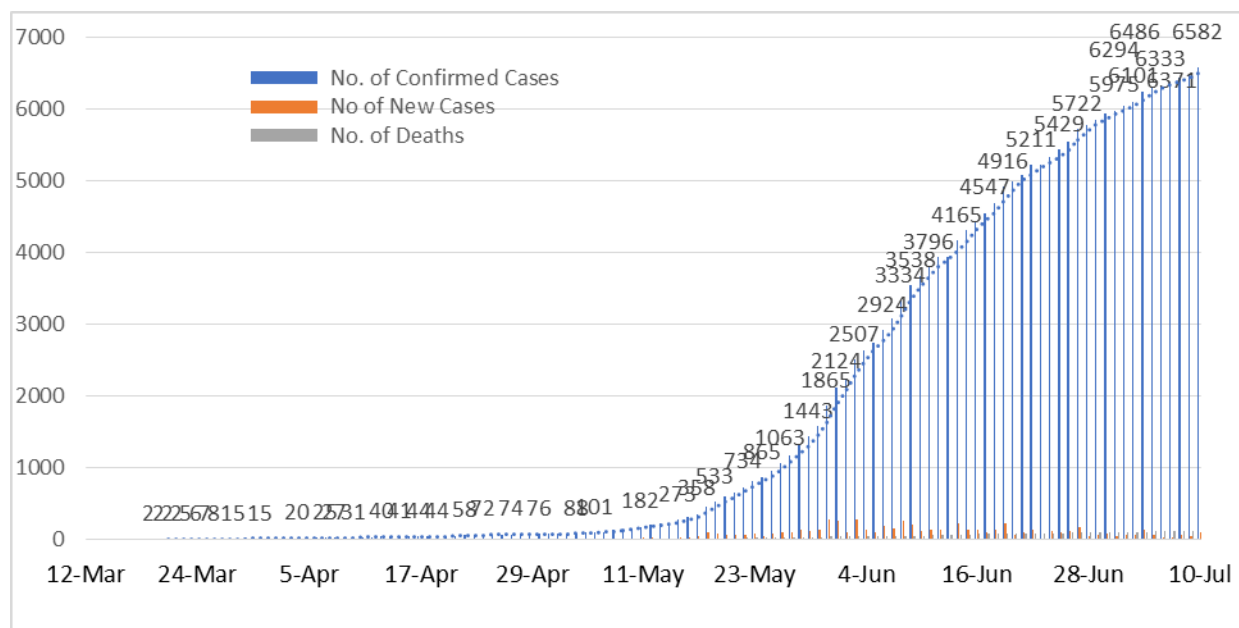
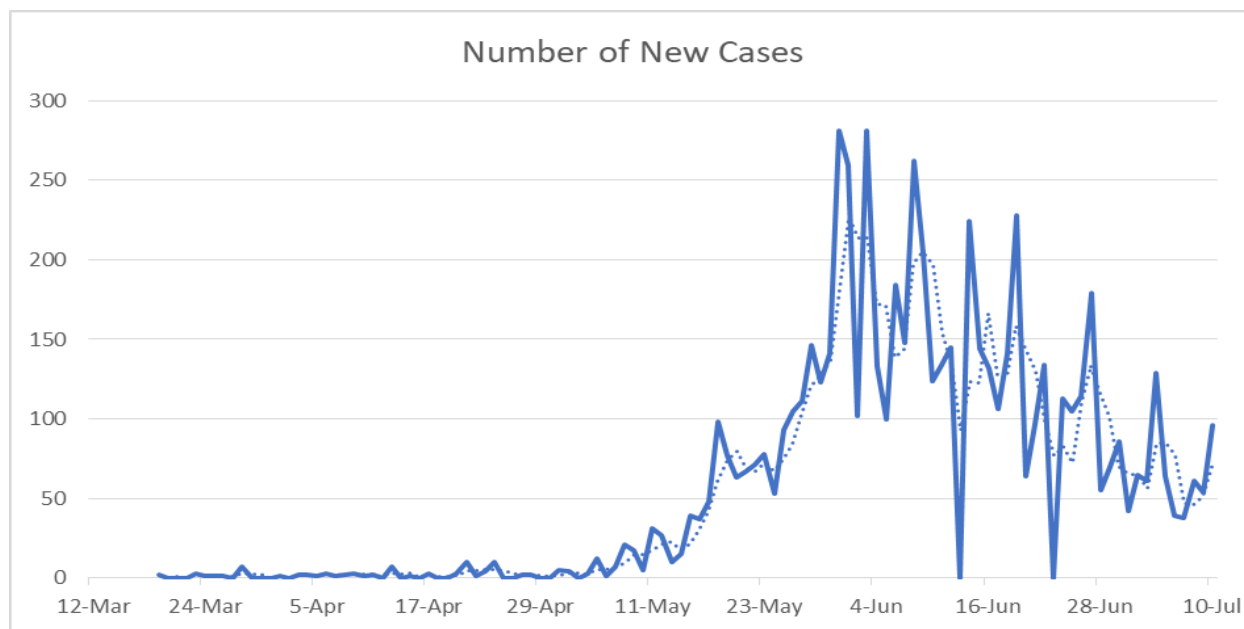
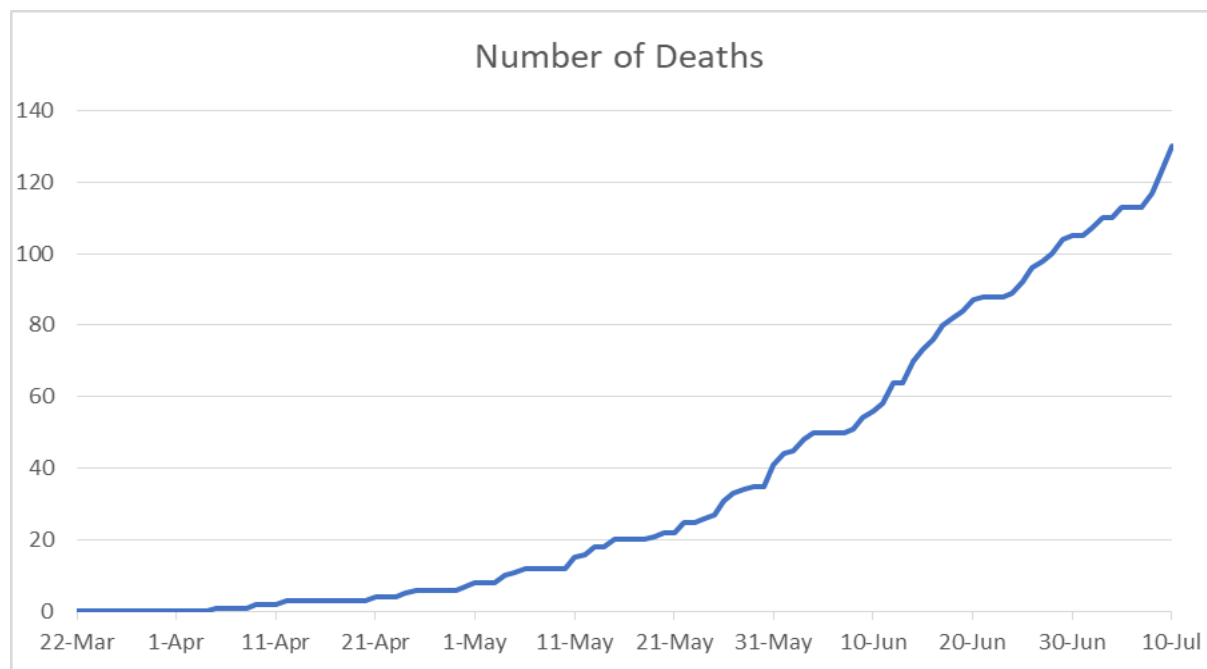
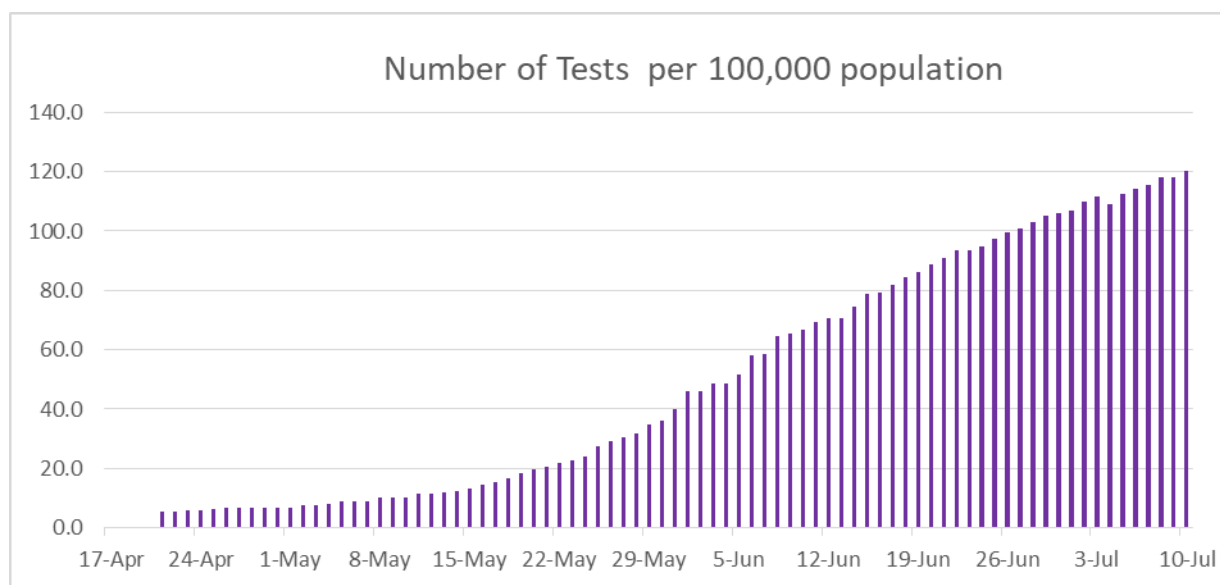


CHART 13A: HAITI



Note: There were **481 new cases** in Haiti during **4-10 July** as compared to **558 new cases** during, **27 June-3 July**, **627 new cases** during **20-26 June**, **975 new cases** during **13-19 June** and **1201 new cases** during **6-12 June**. The **481 new cases** represented a reduction of **77 new cases** from the last reporting period. The total number of cases for Haiti stood at **6582 as at 10 July**. There is a **general decreasing trend** in the number of new cases from the period **6-12 June** to the current reporting period.

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

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CHART 14: JAMAICA

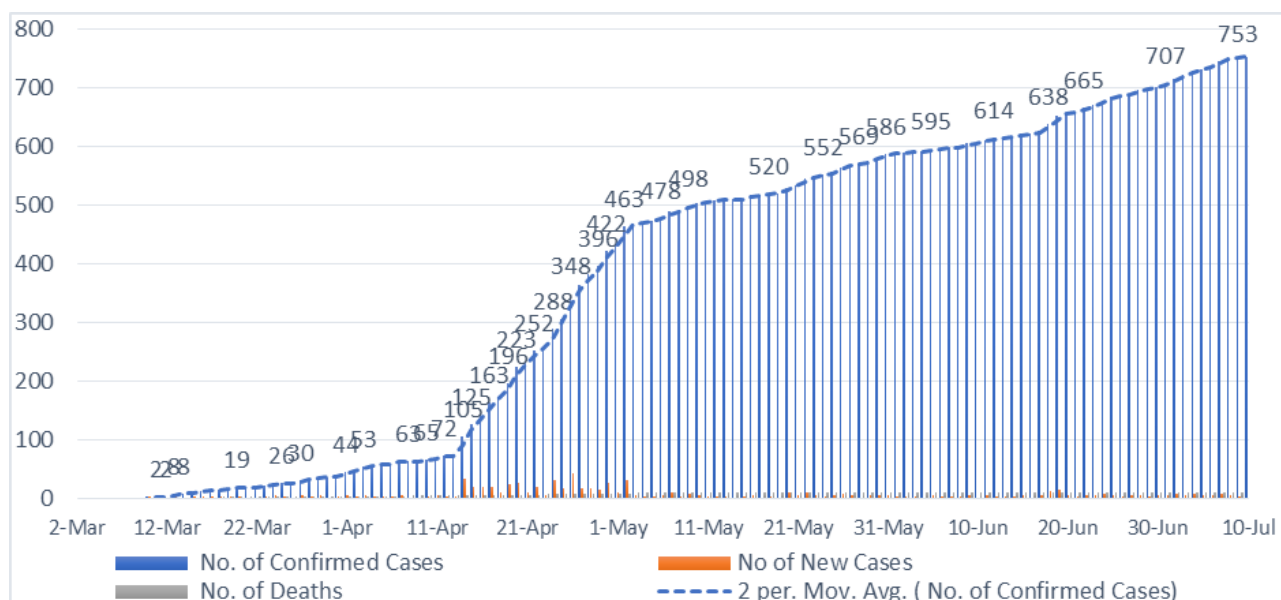
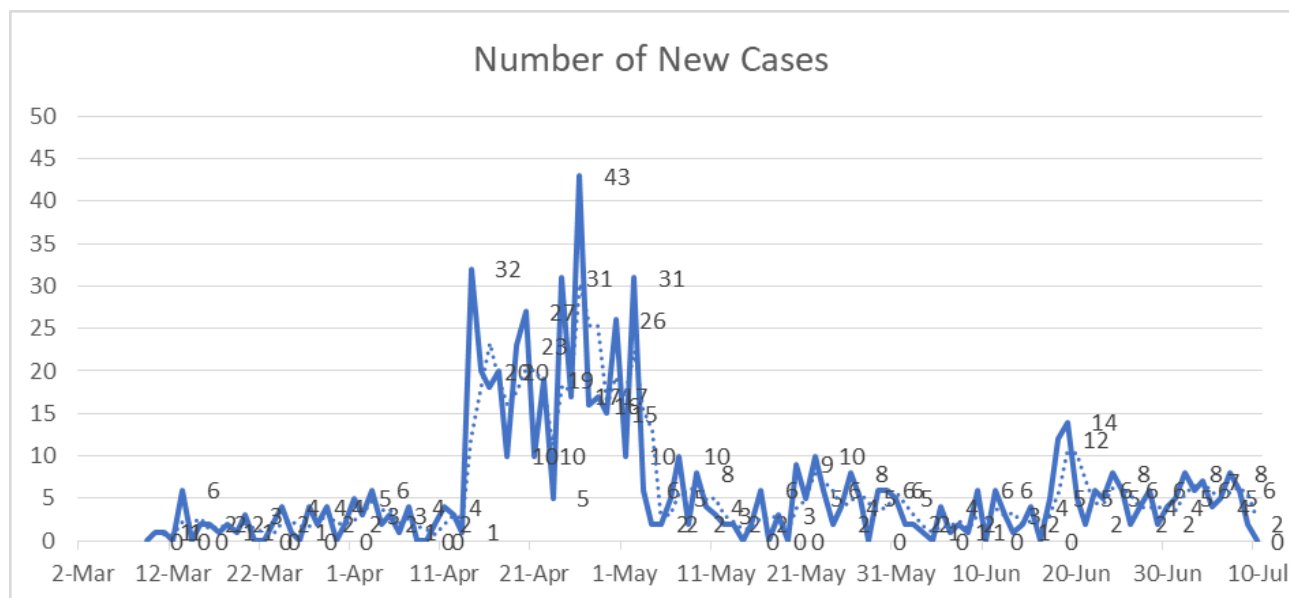


CHART 14A: JAMAICA



Note: Jamaica had 34 new cases during 4-10 July as compared to 35 new cases during 27 June -3 July, 34 new cases during 20-26 June and 38 new cases during 13-19 June. The total number of confirmed cases stood at 753 as at 10 July. Jamaica had 119 active cases up to 10 July.

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CHART 15: MONTSERRAT

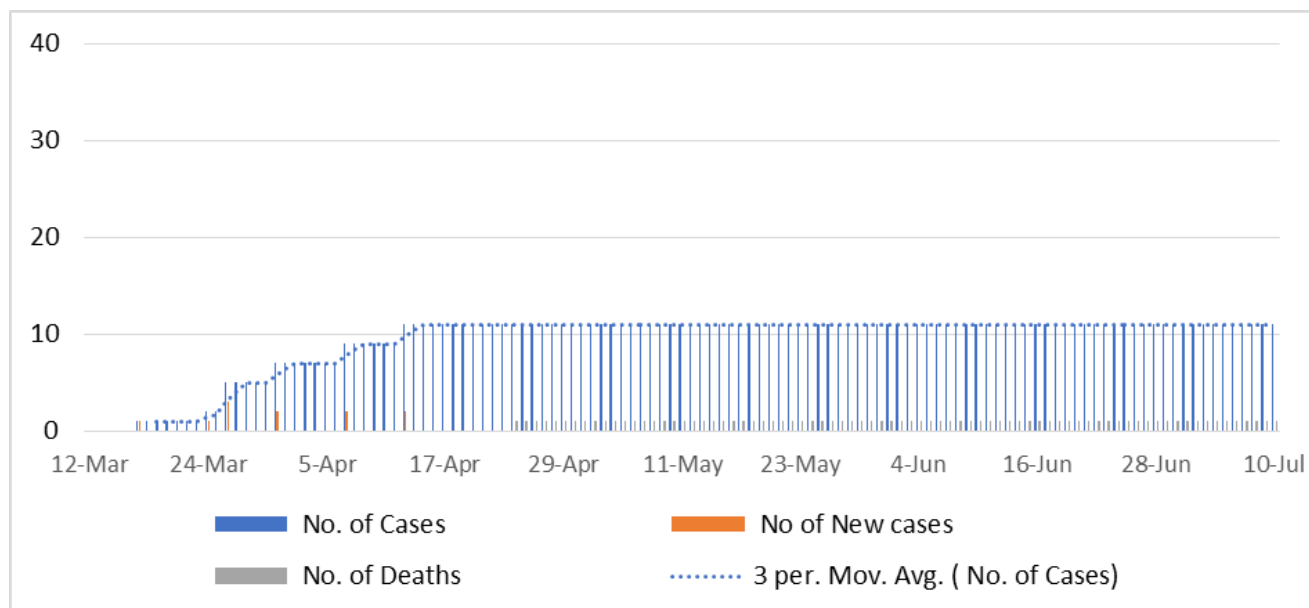
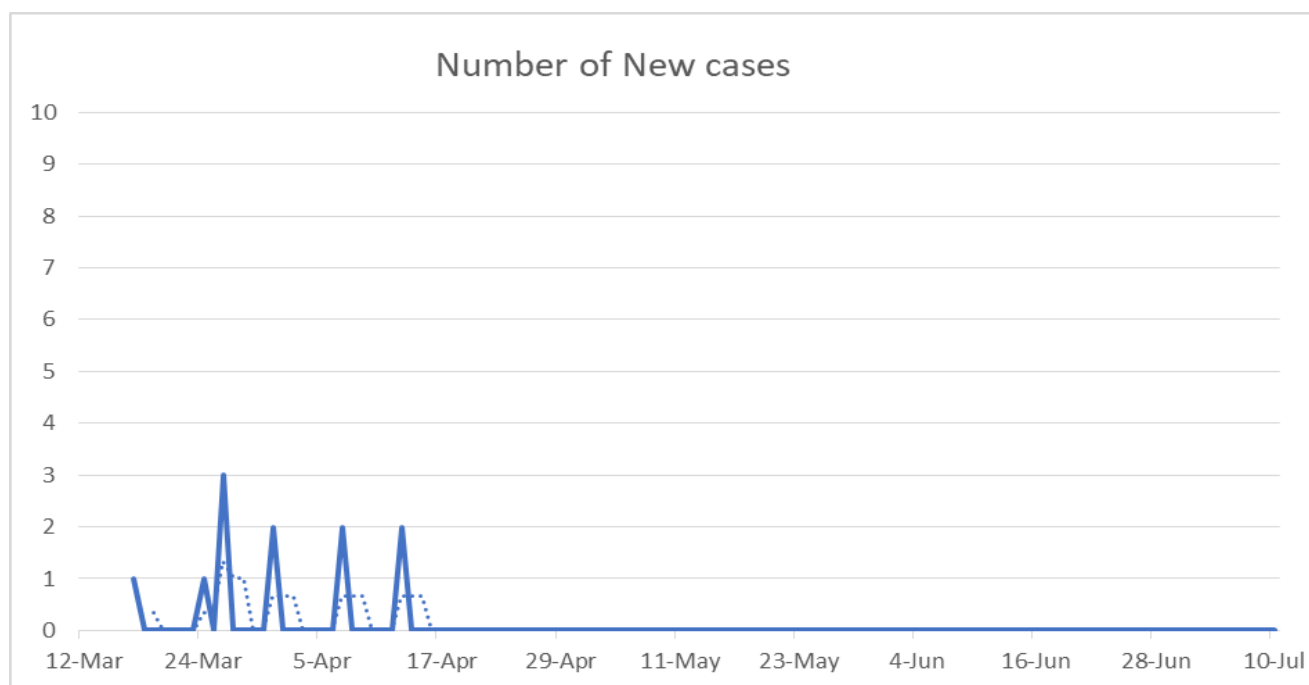


CHART 15A: MONTSERRAT



Note: There were **no new cases** in Montserrat since **13 April**, a period of **88 days up to 10 July**.

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CHART 16: SAINT LUCIA

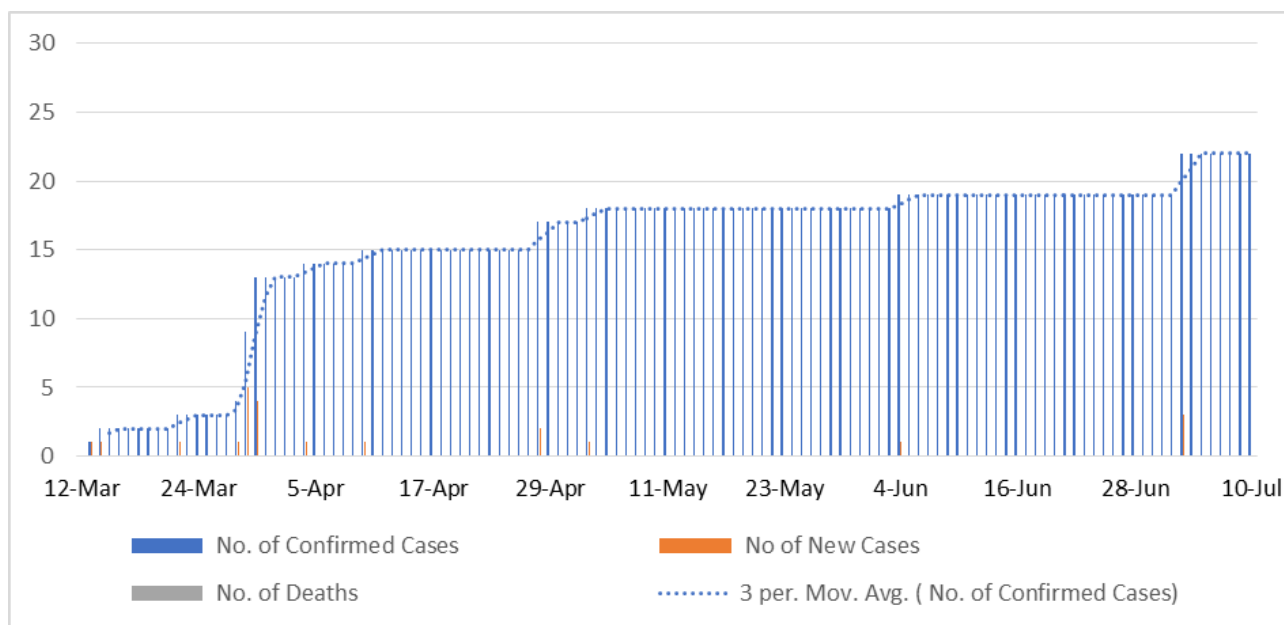
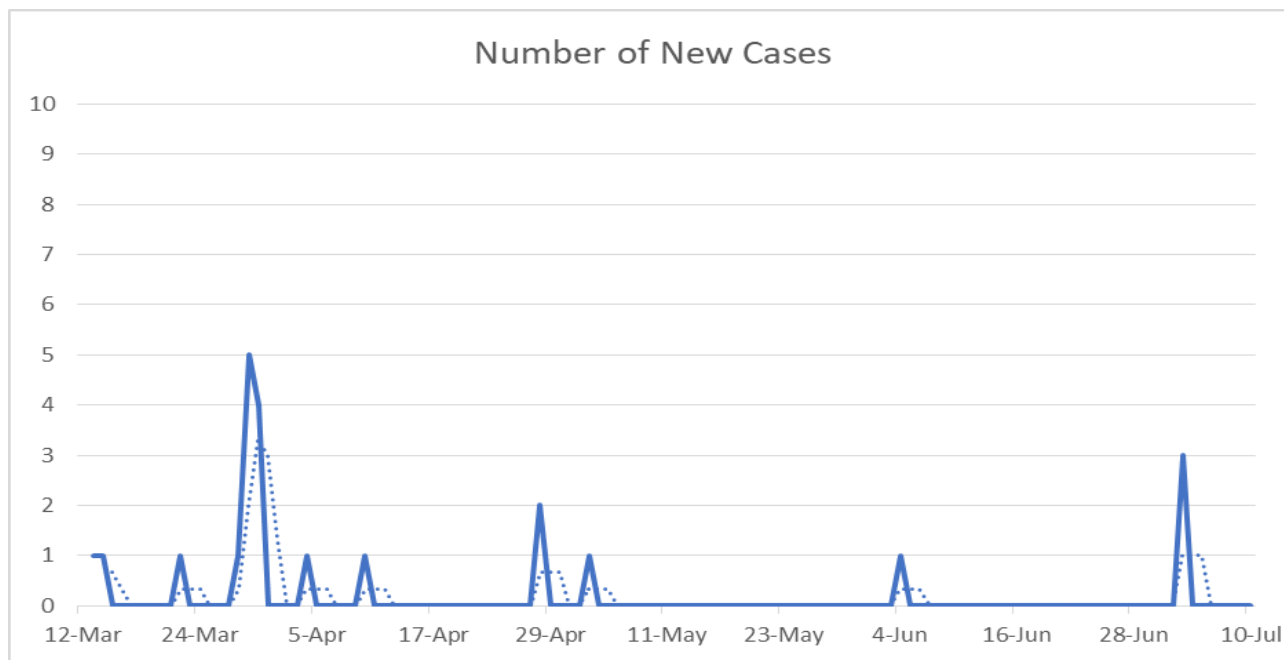
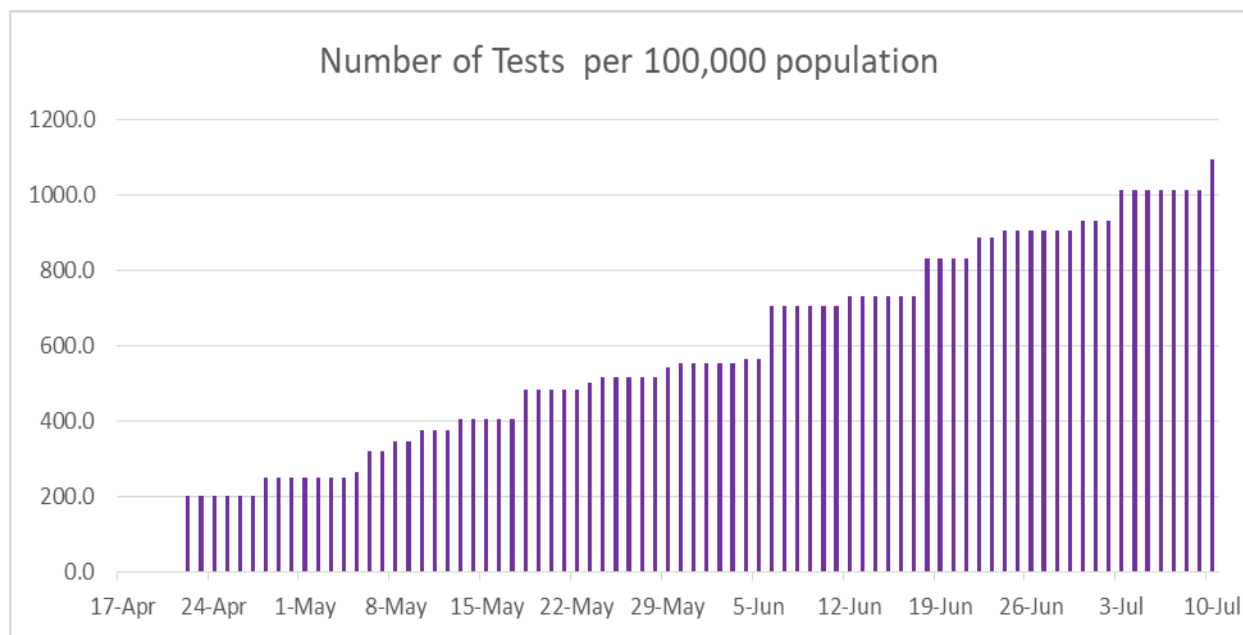


CHART 16A: SAINT LUCIA



Note: There were **no new cases** in Saint Lucia during **4-10 July** as compared to **3 new cases** during **27 June-3 July** and **no new cases** for the previous three reporting periods prior to 27 June-3 July. The number of cases stood at **22** as at **10 July**. Saint Lucia had **3 active cases** as at **10 July**.

CHART 16B: SAINT LUCIA

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CHART 17: ST. KITTS AND NEVIS

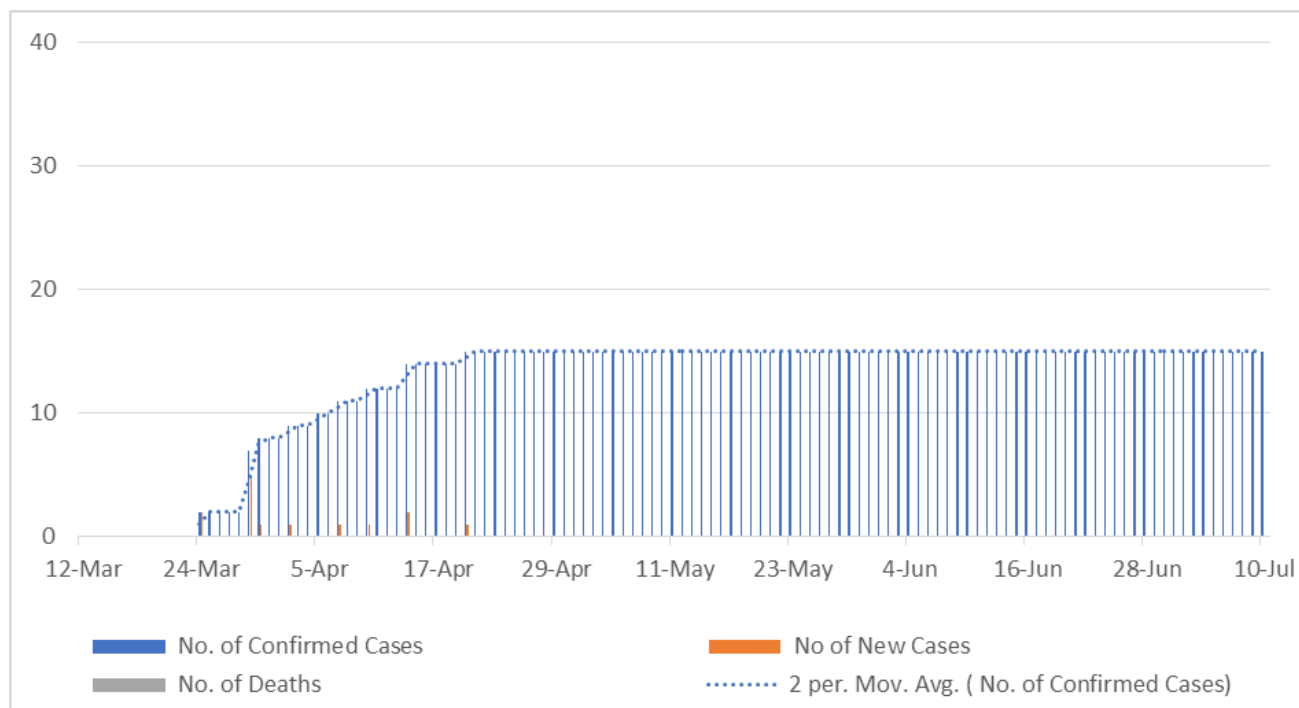
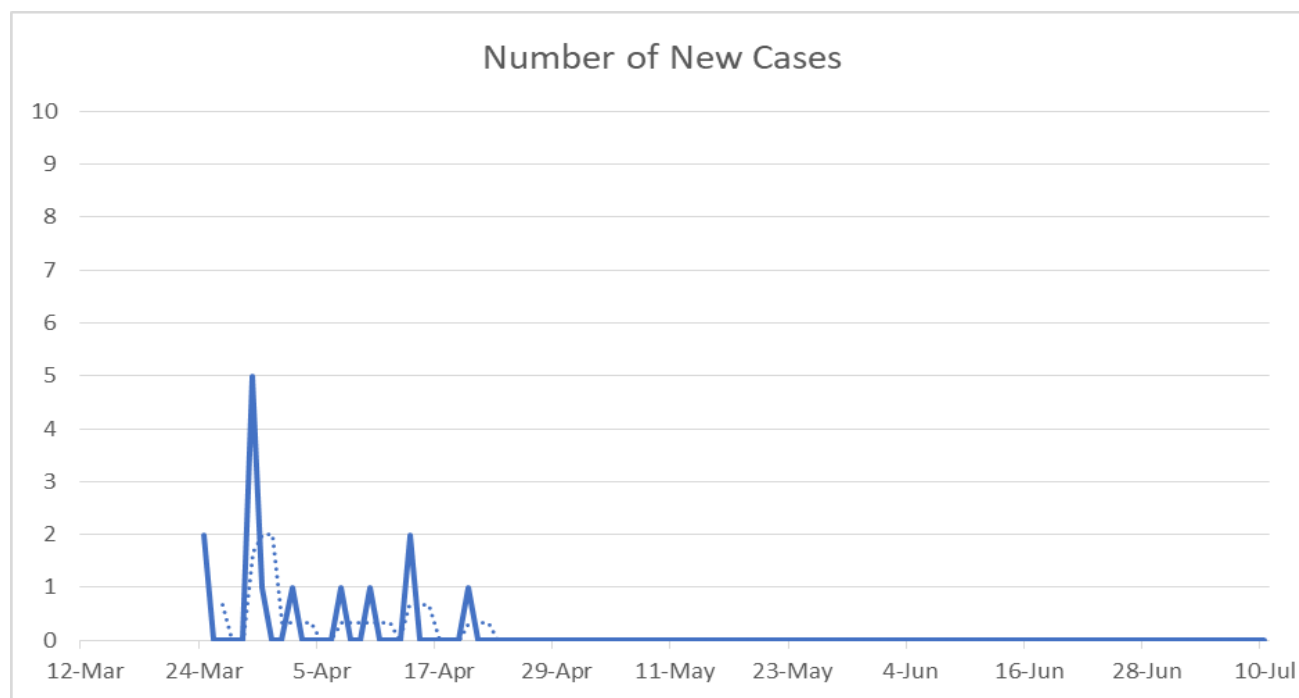
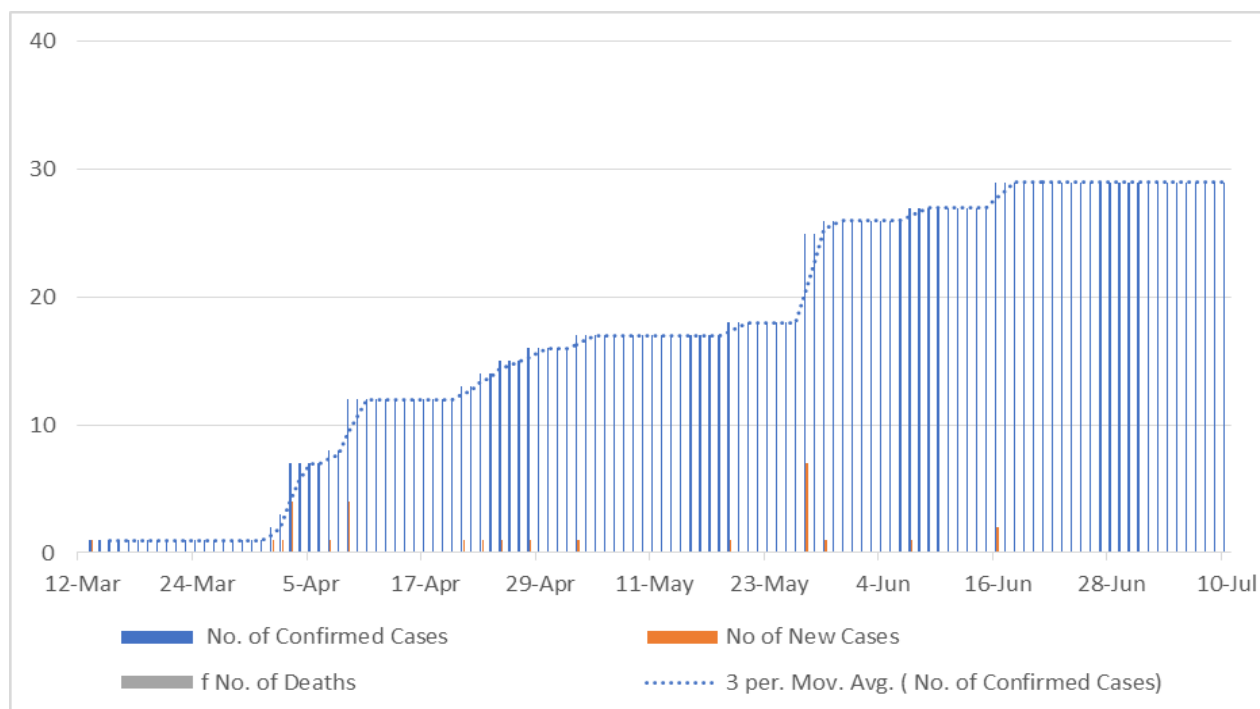
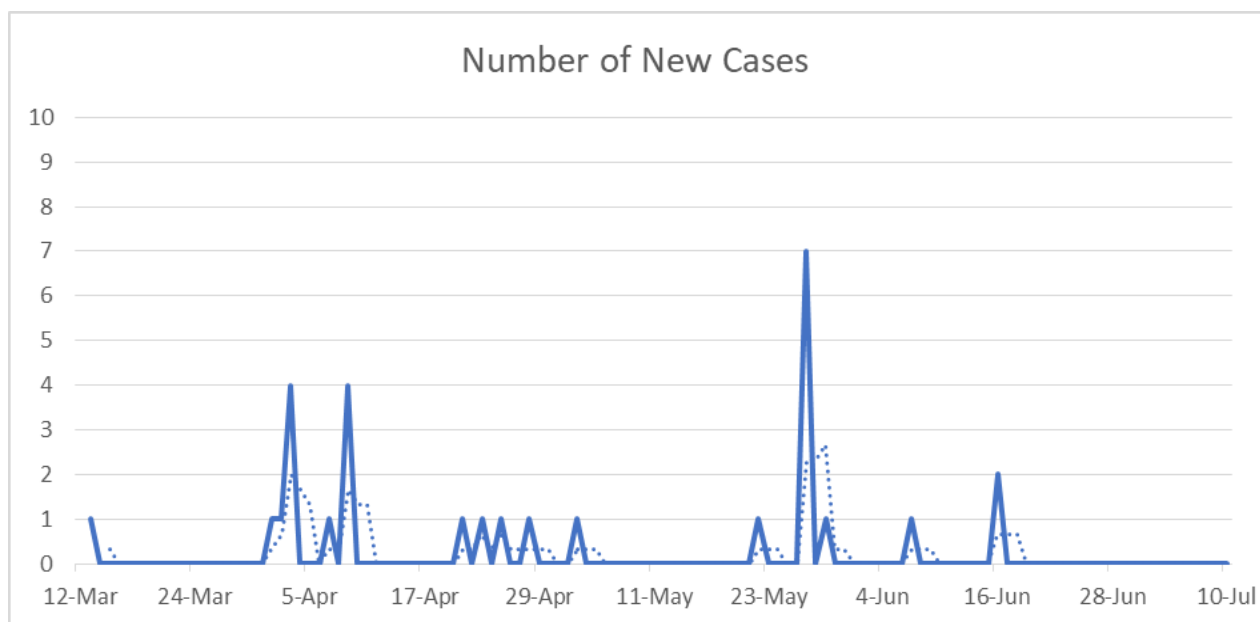


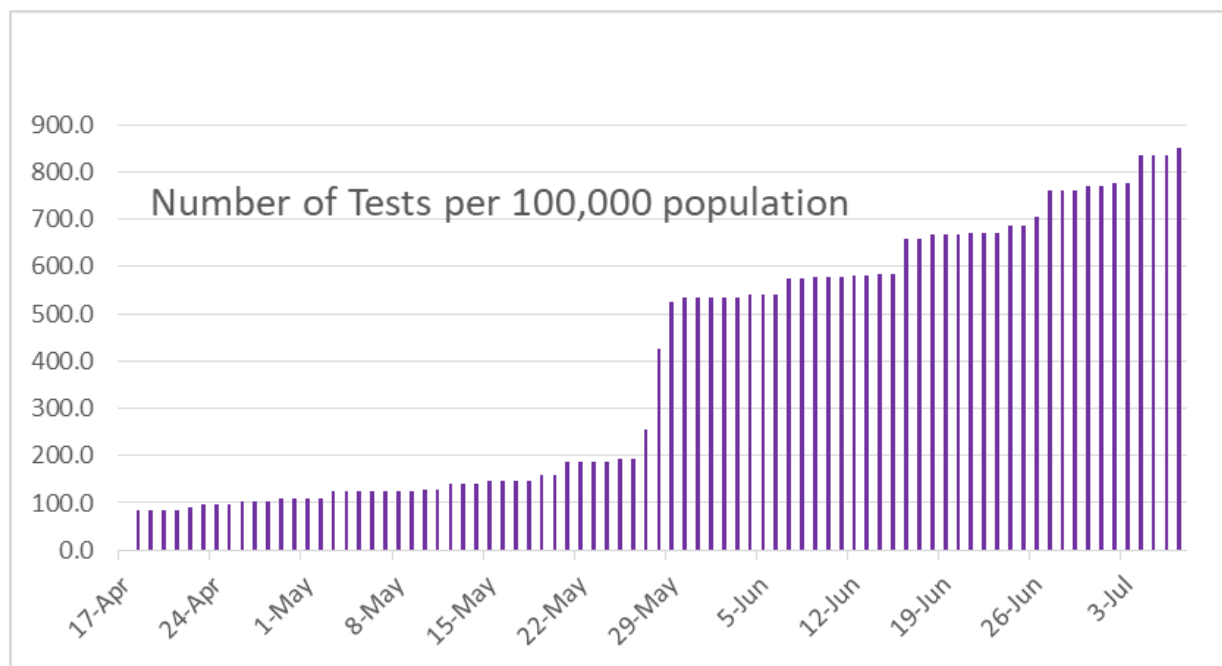
CHART 17A: ST. KITTS AND NEVIS



Note: The last confirmed case of COVID-19 in St Kitts and Nevis was on **20 April** a period of **81 days** up to **10 July**. St Kitts and Nevis has no active cases since **18 May**.

CHART 18: ST. VINCENT AND THE GRENADINES**CHART 18A: ST. VINCENT AND THE GRENADINES**

Note: There were **no new cases** in St Vincent and the Grenadines during **4-10 July** similar to the past two reporting periods. The number of cases in St Vincent and the Grenadines was **29** as at **10 July**. St Vincent and the Grenadines had no active cases up to **10 July**.

CHART 18B: ST. VINCENT AND THE GRENADINES

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CHART 19: SURINAME

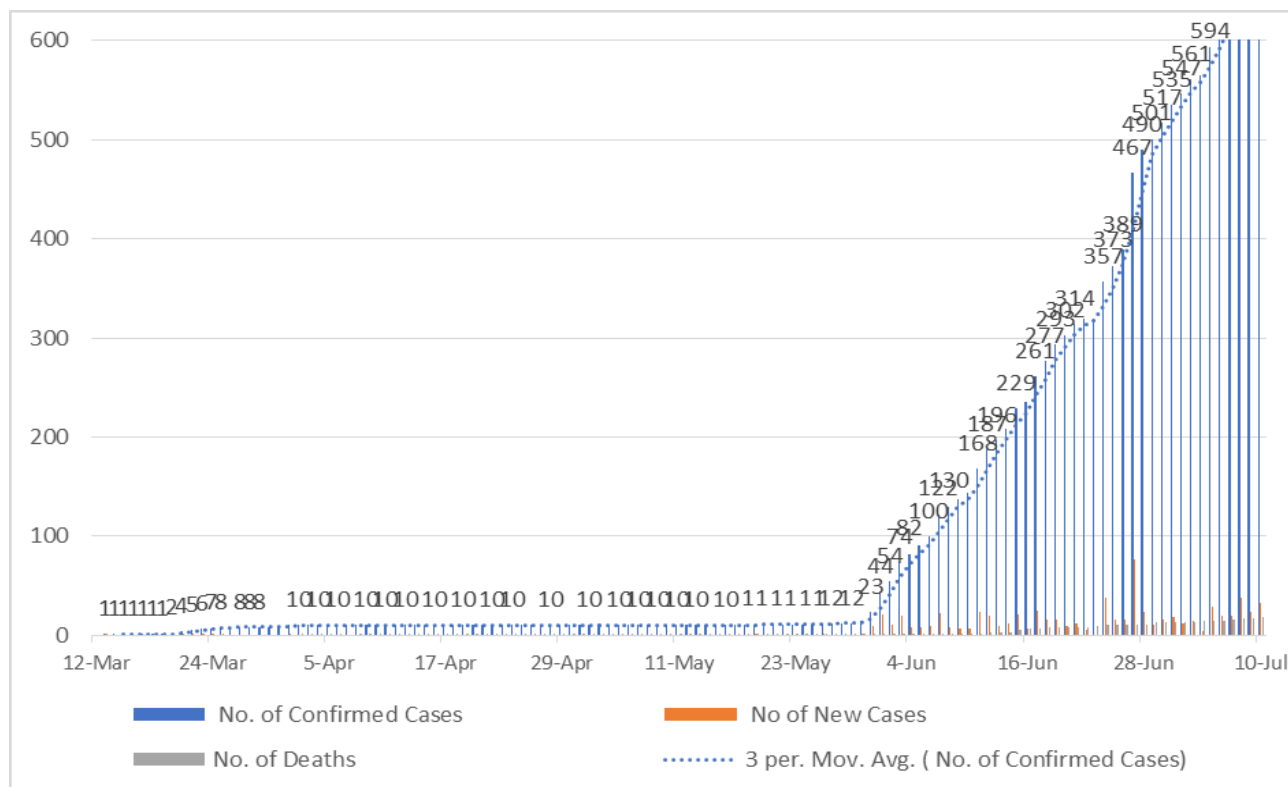
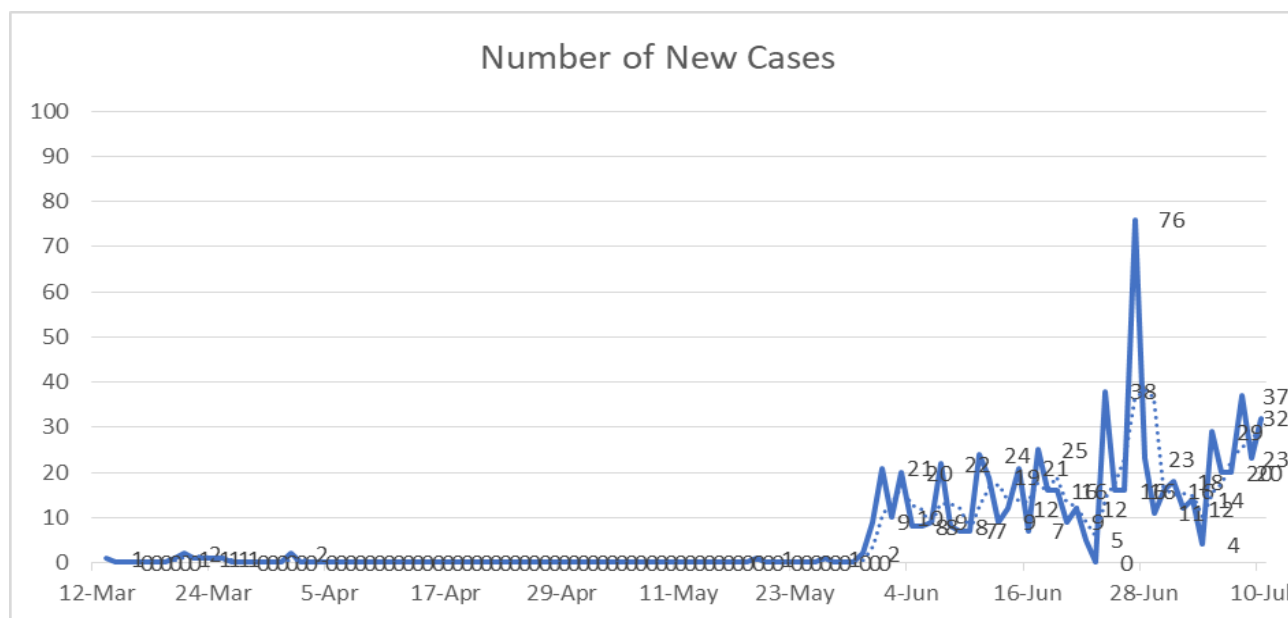


CHART 19A: SURINAME



Note: Suriname had 165 new cases during 4-10 July, almost similar to the period 27 June-3 July that saw 170 new cases. There were 98 new cases during 20-26 June, 106 new cases from 13-19 June, 96 from 6-12 June and 78 new cases from 30 May—5 June. The number of confirmed cases for Suriname stood at 726 as at 10 July, after a long period at 10 cases. There are 227 active cases as at 10 July.

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CHART 20: TRINIDAD AND TOBAGO –TOTAL CONFIRMED CASES

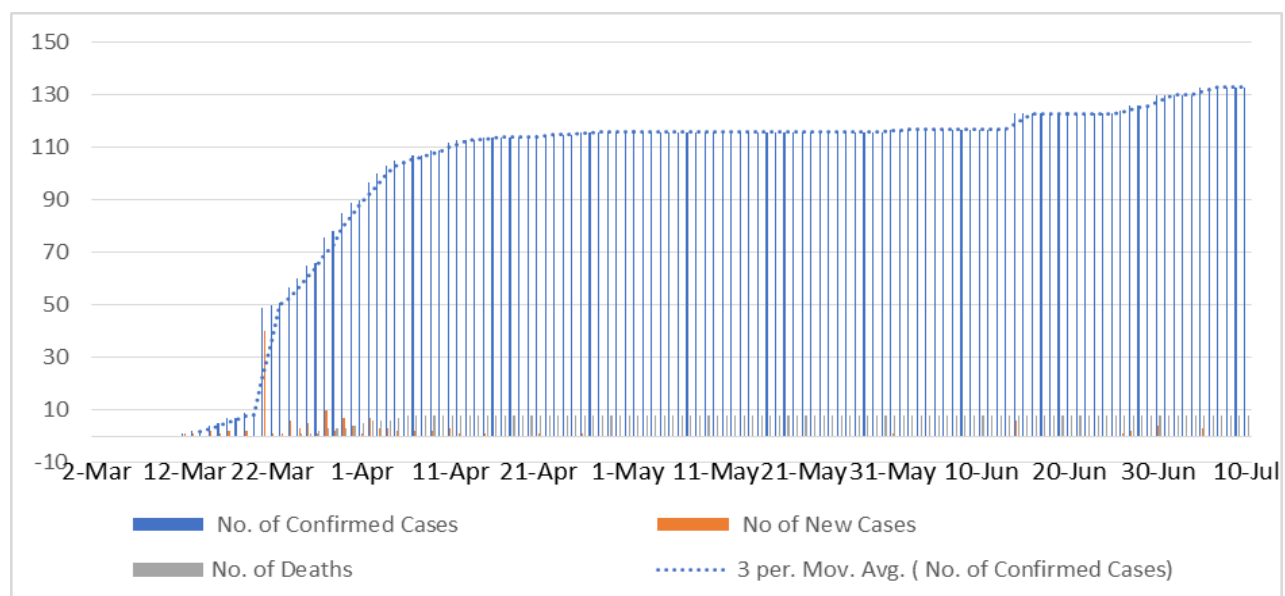
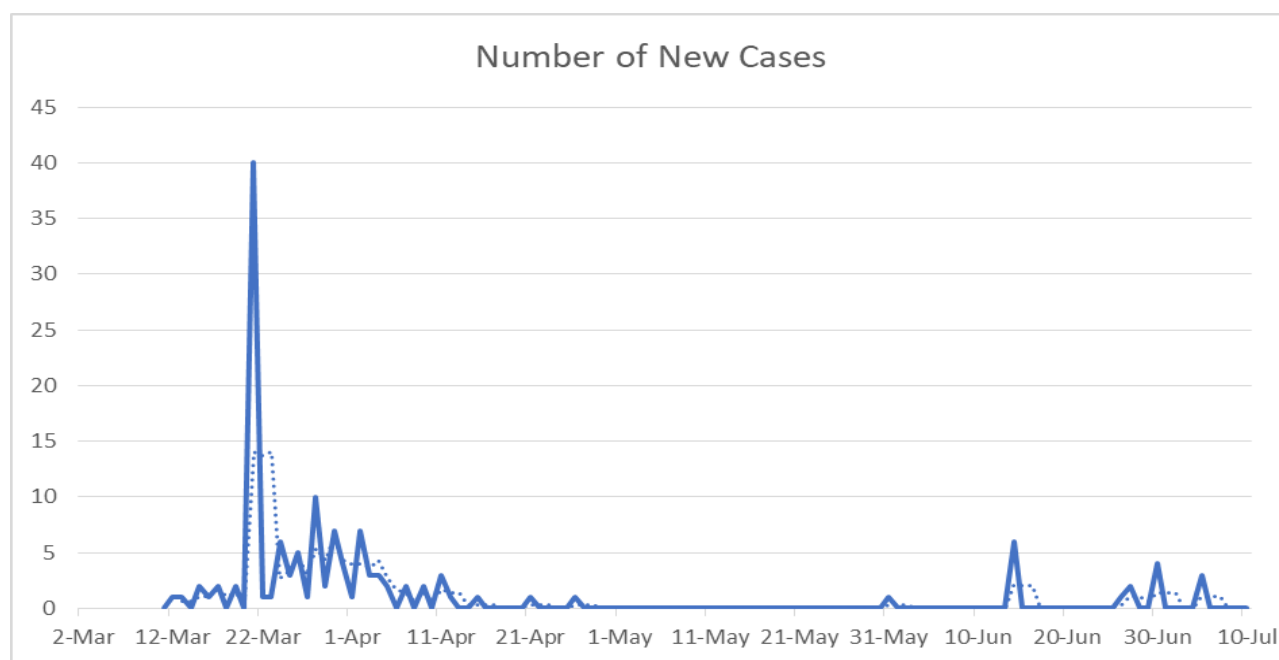
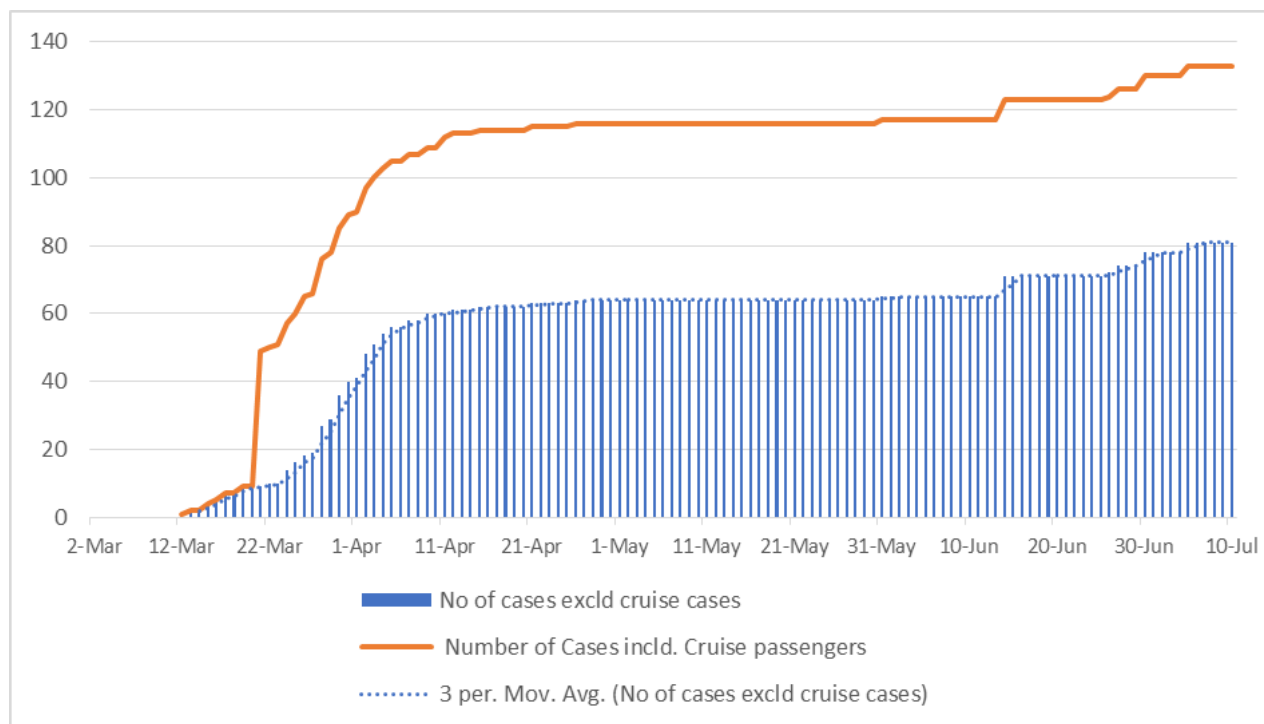


CHART 20A: TRINIDAD AND TOBAGO



Note: Trinidad and Tobago had **3 new cases** during **4-10 July** as compared to **6 new cases** during **27 June- 3 July**, **1 new case** during **20-26 June** and **6 new cases** during the period **13-19 June**. Primarily new cases are due to repatriation of nationals that were crew members from cruise liners. The number of confirmed cases stood at **133** as at **10 July**. Trinidad and Tobago has **5 active cases** as at **10 July**.

CHART 20B: TRINIDAD AND TOBAGO - CRUISE PASSENGERS

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CHART 21: ANGUILLA

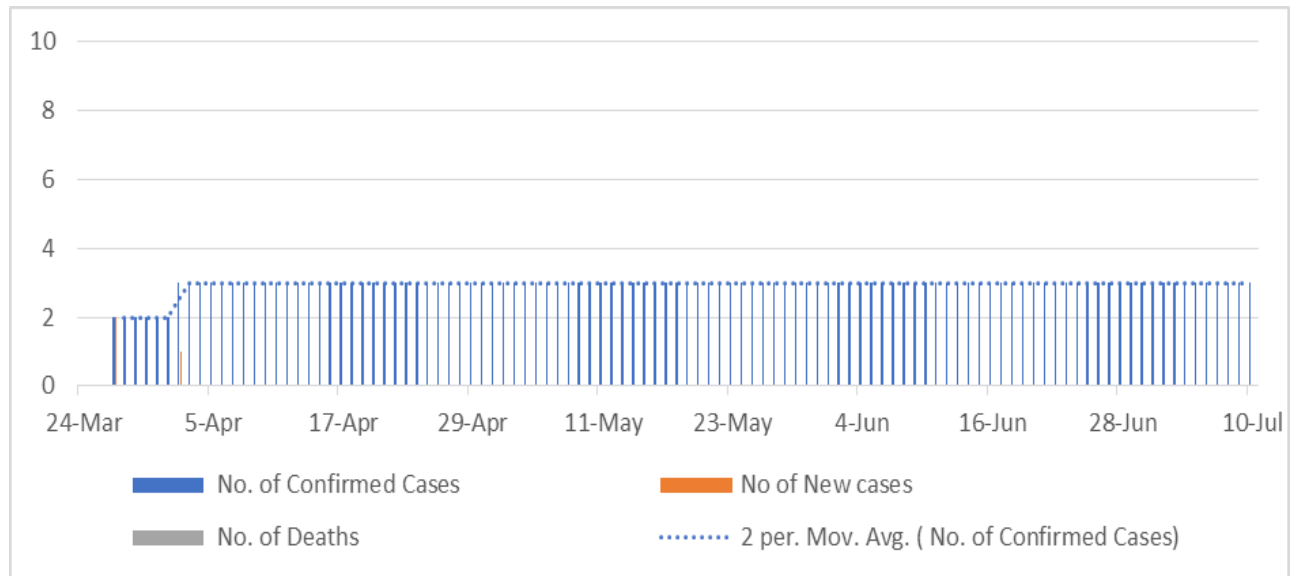
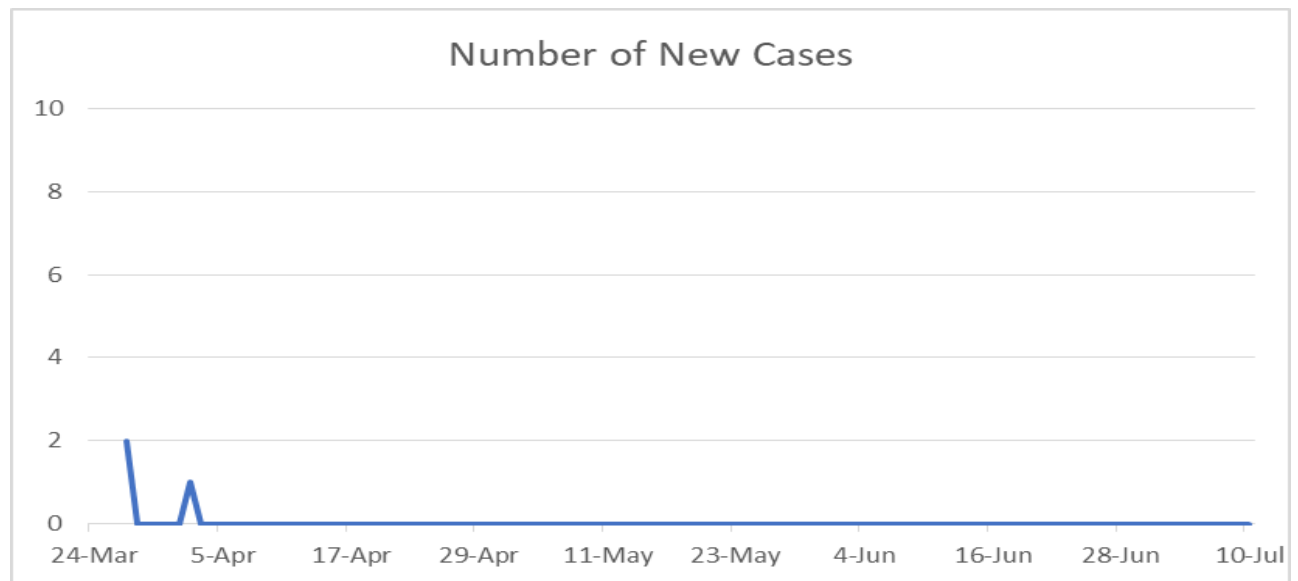


CHART 21A: ANGUILLA



Note: The last positive case of COVID-19 in Anguilla was **2 April**, a period of **99 days** as at **10 July**.

CHART 22: BERMUDA

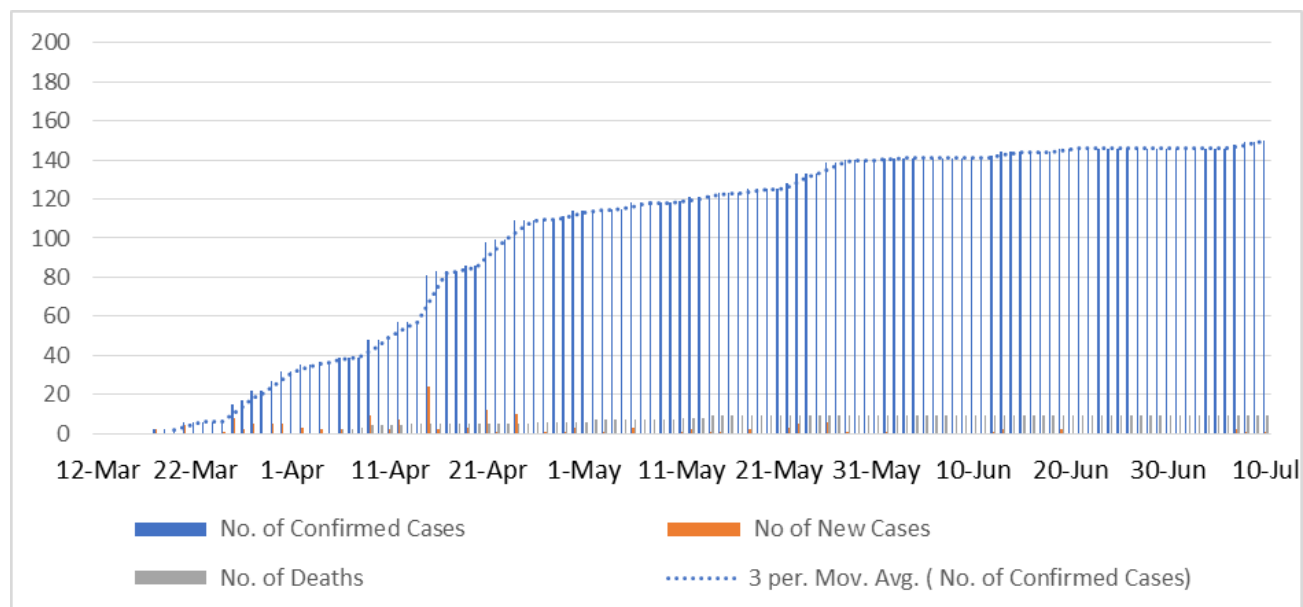
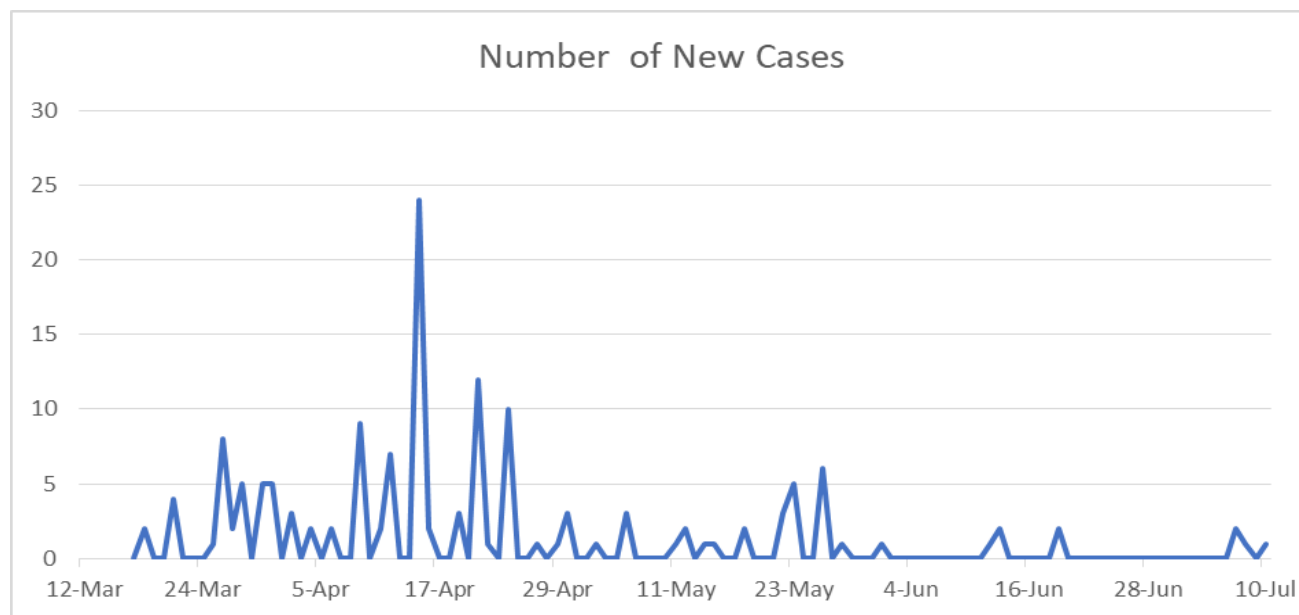
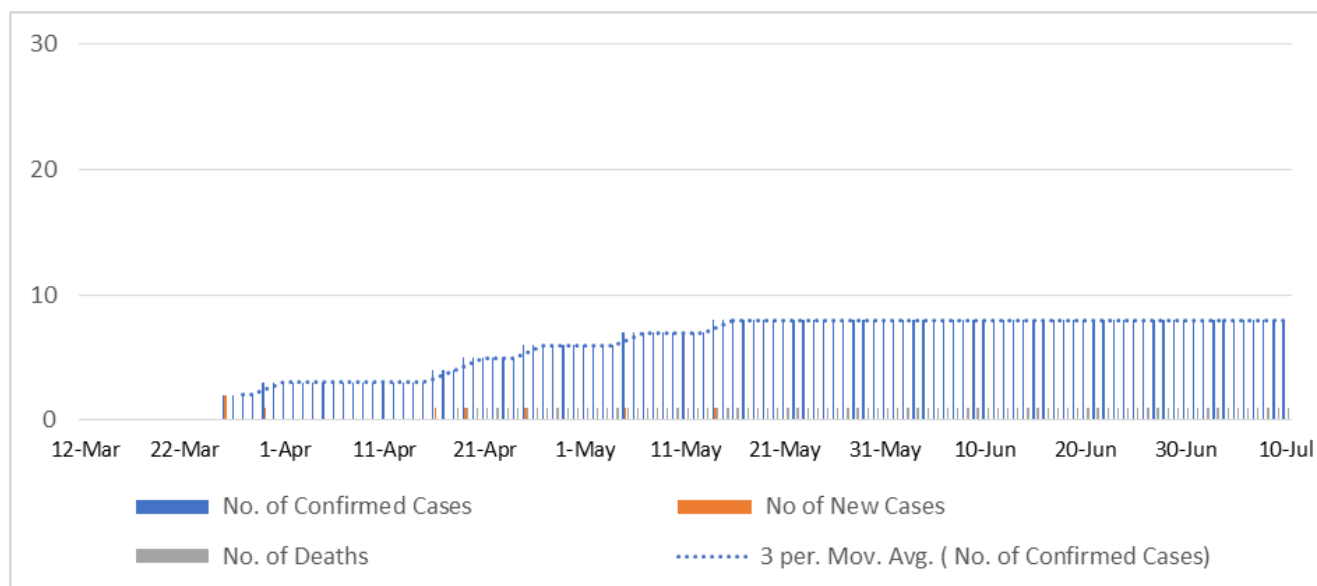
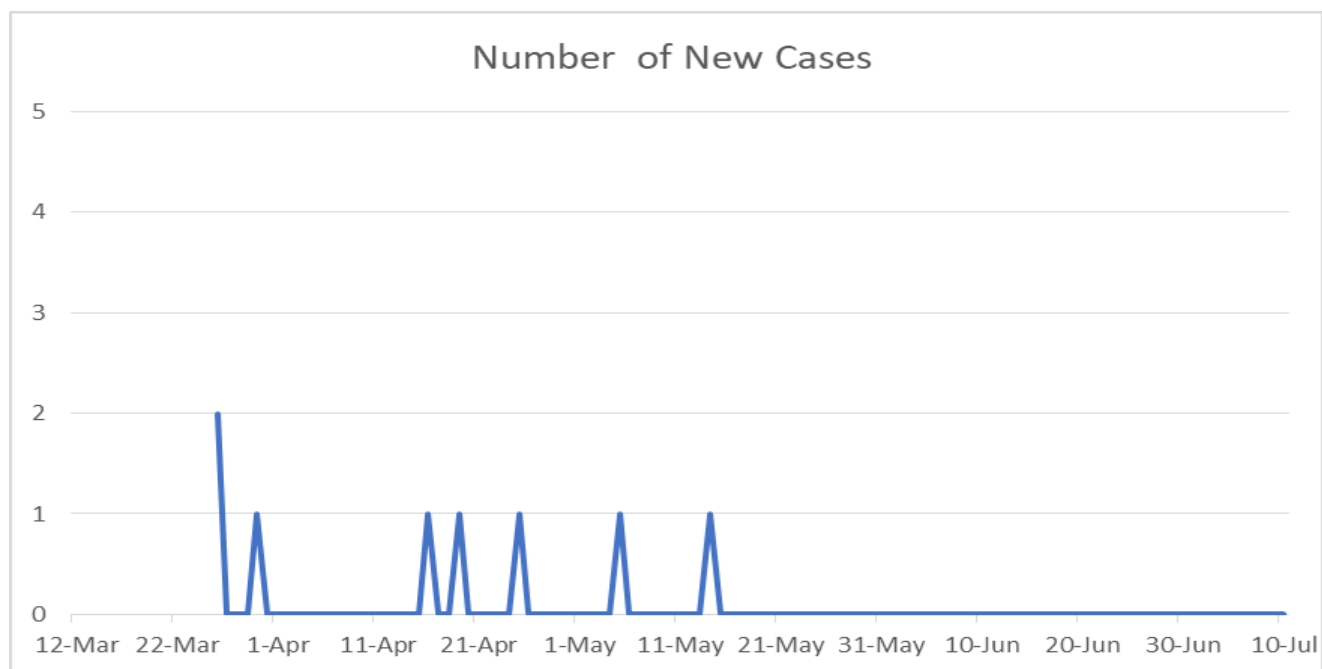


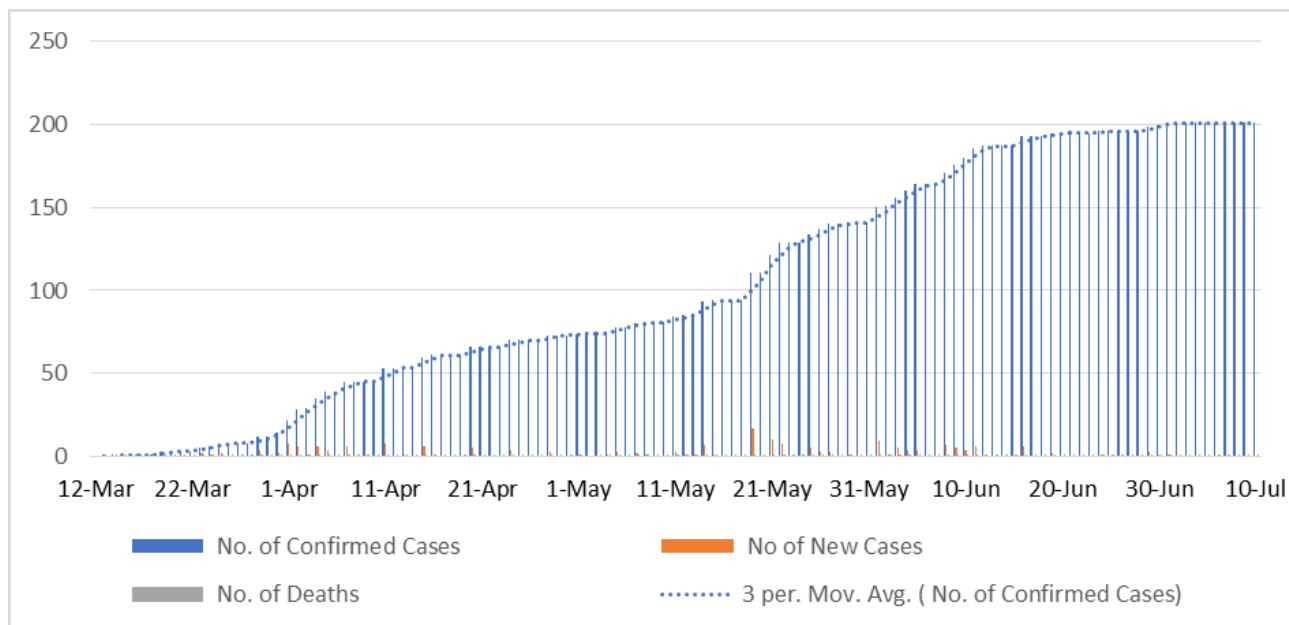
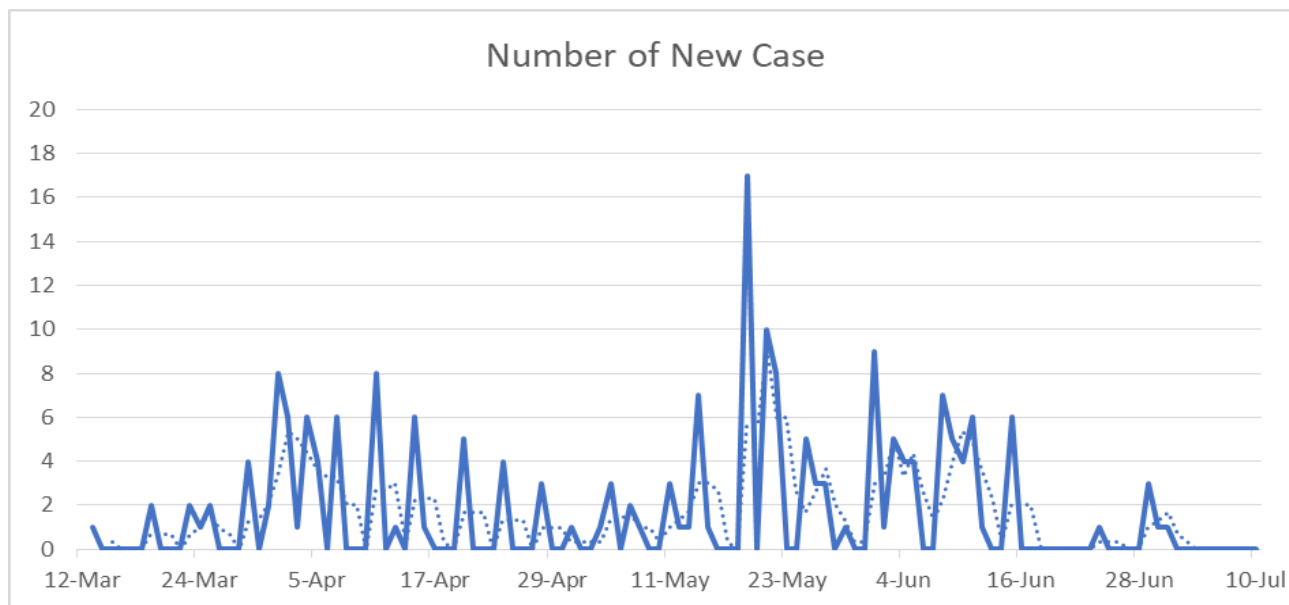
CHART 22A: BERMUDA



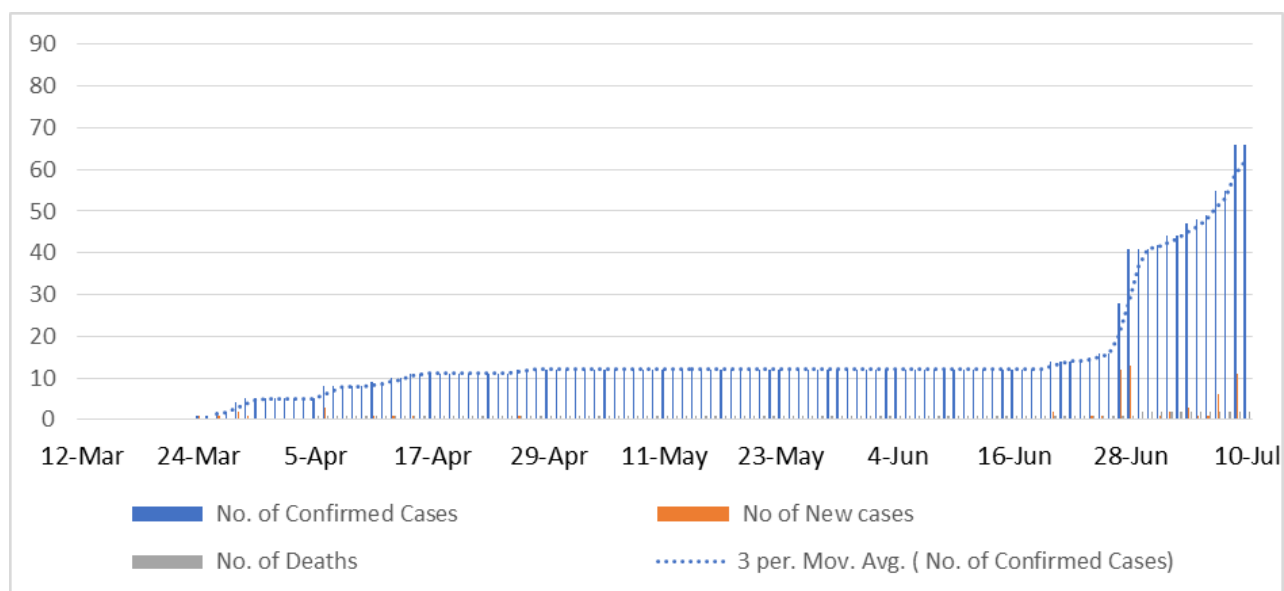
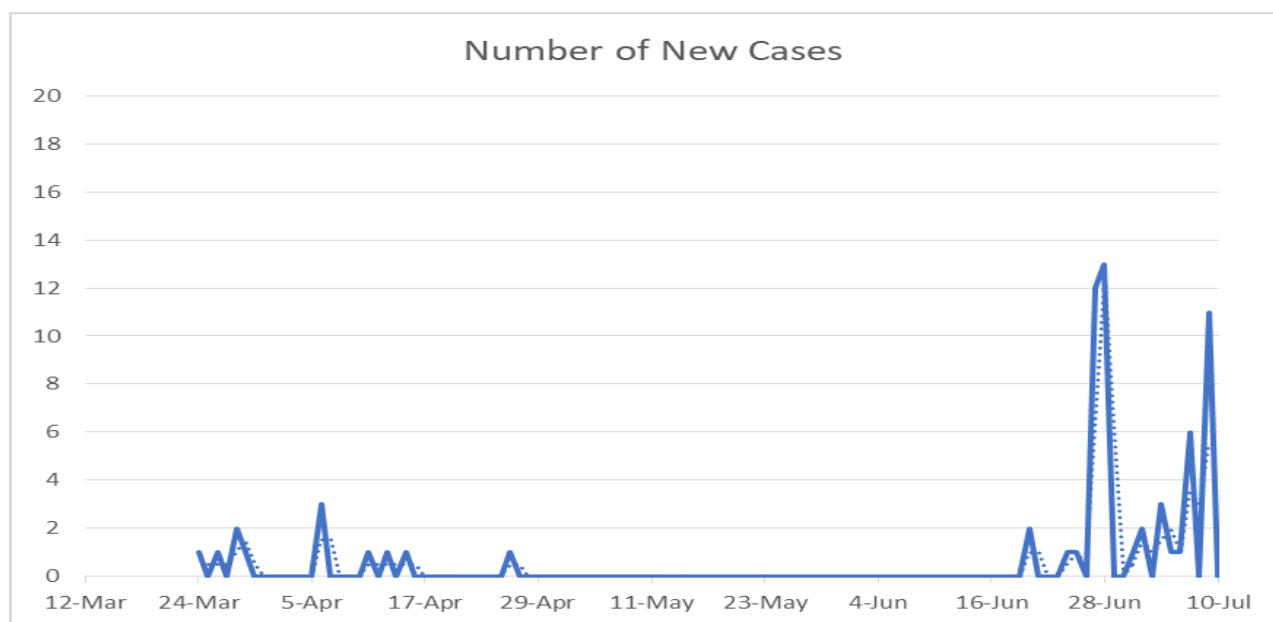
Note: Bermuda had **4 new cases** during **4-10 July** as compared to **no new cases** for the previous two reporting periods. The number of confirmed cases for Bermuda stood at **150** as at **10 July**. Bermuda has **4 active cases** as at **10 July**.

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

Note: There were **no new cases** in the British Virgin Islands during 4-10 July similar to the past four reporting periods. The last positive case was on **14 May**, a period of **57 days** as at **10 July**. The total number of confirmed cases for British Virgin Islands stood at **8** as at **10 July**. There are **no active cases** since **26 May**.

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

Note: There were **no new cases** in Cayman Islands during **4-10 July** as compared to **5 new cases** during **27 June-3 July**, **1 new case** during **20-26 June**, **8 new cases** from **13-19 June** and **23 new cases** during **6-12 June**. The number of confirmed cases remained at **201** as at **10 July**. There were **3 active cases** as at **10 July**.

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

Note: Turks and Caicos Islands had **22 new cases** during **4-10 July** as compared to **28 new cases** during **27 June- 3 July** and **4 new cases** during the period **20-26 June**. The number of cases stood at **69** as at **10 July**. There were **56** active cases as at **10 July**.

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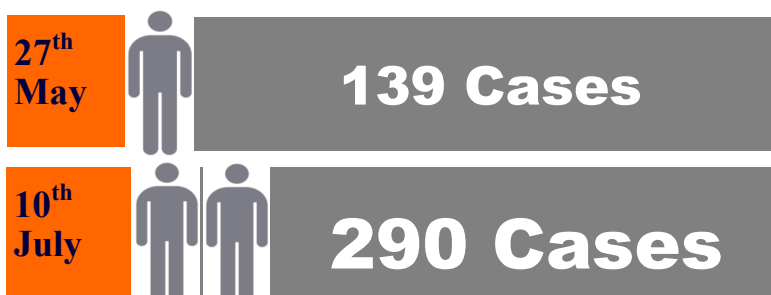
TABLE 8: TREND IN DOUBLING TIME –CARICOM AND SELECTED COUNTRIES

COUNTRY	PERIOD	NO. OF CASES	NO. OF DAYS
ALL COUNTRIES			
	28 May 12 June	2814 5728	15
	22 Apr 12 June	901 1787	51
	31 May 19 June	3395 6895	19
	25 Apr 19 June	992 1979	55
	2 June 26 June	3804 7748	24
	29 April 26 June	1102 2205	58
	4 June 3 July	4257 8588	29
	7 May 3 July	1242 2487	57
	6 June 10 July	4571 9350	34 Rate: 2.05
	21 May 10 July	1387 2768	50 Rate: 2.00
Haiti	31 May 12 June	1865 3941	12
	3 June 19 June	2507 4916	16
	5 June 26 June	2740 5543	21
	7 June 3 July	3072 6101	26
	8 June 10 July	3334 6582	32 Rate:1.97
Suriname	5 June 12 June	91 187	7
	10 June 19 June	144 293	9
	13 June 26 June	196 391	13
	16 June 3 July	277 561	17
	24 June 10 July	357 726	16 Rate: 2.03

DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

Guyana

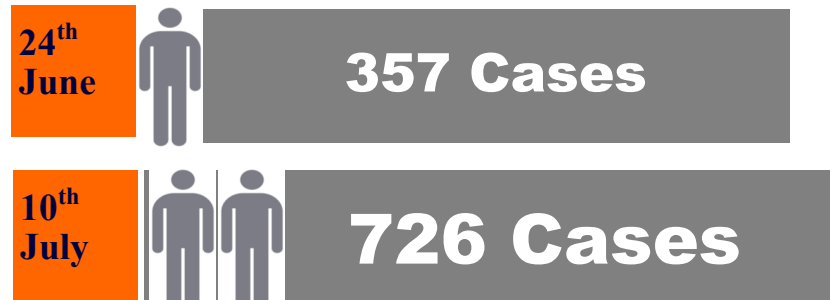
Doubling (2.1) 44 days

**Haiti**

Approx. Doubling (1.97) 32 days

**Suriname**

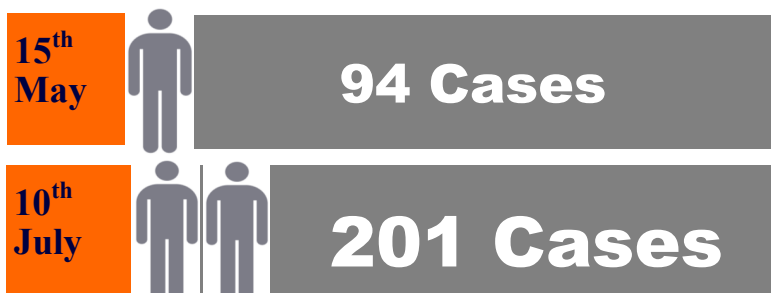
Doubling (2.03) - 16 days



DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

Cayman Islands

Approx. Doubling (2.1) 56 days

**Turks and Caicos Islands**

Doubling (2.4) 13 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>

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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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