Stats News & Views

Special Topic Statistical Bulletin - COVID-19

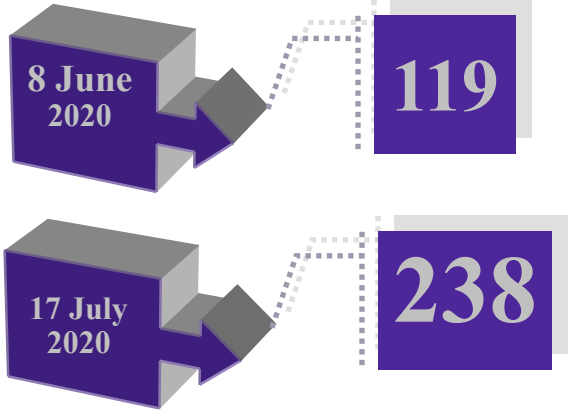
Issue 17, 17 July 2020

The **Special Topic Statistical Bulletin on COVID 19 in CARICOM Countries Issue 17**, provides an update of the trajectory of the COVID-19 in the CARICOM Region up to **17 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 this reporting period. 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. *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 twelve 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.
	8th 5022	9th 5247	10th 5386	11th 5558	12th 5728	13th 5740
14th 5986	15th 6156	16th 6316	17th 6452	18th 6633	19th 6895	20th 6975
21st 7087	22nd 7254	23rd 7260	24th 7463	25th 7597	26th 7748	27th 8021
28th 8123	29th 8220	30th 8335	1st 8407	2nd 8498	3rd 8588	4th 8748
5th 8850	6th 8922	7th 9005	8th 9113	9th 9210	10th 9352	11th 9418
12th 9504	13th 9588	14th 9626	15th 9776	16th 9945	17th July 10,032	

Total number of deaths
increased by 119 in 39 days
(8 June - 17 July) at a rate of **2.0**



Doubling Rate With Haiti
Total number of confirmed cases increased by
5,010
over **39 days**
[8June-17 July 2020], 2.0

Doubling Rate Without Haiti
Total number of confirmed cases increased by
1,554
over **47 days**
[31 May (**1530**)-17 July (**3084**)] , **2.02**

TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 13 JUNE - 17 JULY 2020

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
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	8748	160	193
05-Jul	8850	102	197
06-Jul	8922	72	198
07-Jul	9005	83	199
08-Jul	9113	108	205
09-Jul	9210	97	211
10-Jul	9352	142	219
11-Jul	9418	66	225
12-Jul	9504	86	230
13-Jul	9588	84	230
14-Jul	9626	38	232
15-Jul	9776	150	235
16-Jul	9945	169	237
17-Jul	10032	87	238

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— 12 June 2020.

What do we learn from the Data?

[as at 17 July 2020]

The number of confirmed cases moved from **9352 (adjusted)** as at **10 July** to **10,032 cases** on **17 July.** The number of deaths moved from **219** to **238.** There were **680 new cases** (compared to **764 (adjusted)** new cases for the previous period) and **19** new deaths.

Recoveries as at **17 July** stood at **5896** and active cases at **3868** as compared to **4522** and **4590 (adjusted)** respectively on 10 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 ***five (5) countries*** with no active cases as at **17 July** as compared to **seven** on **10 July**. The countries with no active cases are:- ***Anguilla, British Virgin Islands, Dominica, Grenada and Montserrat. St Kitts and Nevis and St. Vincent and the Grenadines* that were in this category in the last reporting period have active cases;**
- **Four (4) countries**–***Cayman Islands (2), Saint Lucia (2), St Kitts and Nevis (2) and Trinidad and Tobago (4)*** *have* **1-4** active cases**;**
- **Three (3) countries**- ***Barbados, Bermuda, and St Vincent and the Grenadines each with 6,*** *have* ***5-10*** active cases*;*
- **Three (3) countries- *Antigua and Barbuda (16), Belize (15)*** *and* ***The Bahamas (25)*** have 11-25 active cases;
- **Two (2) countries- *Jamaica (56) and Turks and Caicos Islands (61)*** have between **50– 100** active cases;
- ***Guyana (145),*** has between ***100-150*** active cases;
- ***Suriname has 324*** active cases and ***Haiti*** now has ***3197*** active cases.

Recoveries

- As implied earlier, there are ***five*** countries for which all active cases have recovered as at **17 July**;
- Among the other countries, **Haiti** had **3606** recoveries, **Jamaica,** ***678, Suriname 600, Cayman Islands, 200, Guyana*, 156, *Bermuda, 137*, *Trinidad and Tobago, 124, Barbados*, *91, The Bahamas, 91 and Antigua and Barbuda, 57.***

Confirmed Cases

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- In absolute terms the countries with the highest numbers of Confirmed Cases are ***Haiti*, 6948, *Jamaica*, 768, *Suriname*, 943, *Guyana*, *320, Cayman Islands, 203*, *Bermuda*, *152*, *Trinidad and Tobago*, *136*, *The Bahamas 129, Barbados*, *104, Antigua and Barbuda, 76 and Turks and Caicos Islands, 75*;**
- In rates per 100,000 population for countries ***with 25+ cases,*** **Cayman *Islands*** has the highest rate with ***308.45, Bermuda*** is second with ***237.60*** followed by ***Turks and Caicos Islands with 181.60, Suriname*** with ***161.75, Antigua and Barbuda with 79.99 and Haiti, 60.89. Montserrat (under 25 cases)*** has a rate of ***220 (11 cases);***
- The rate for ***Jamaica*** is ***28.16***; ***Guyana, 43.18, St Vincent and the Grenadines, 31.53 and Barbados, 37.87***. *[Please see Table 2 for rates for other countries].*

Deaths

- ***Haiti*** has the highest number of deaths as at ***17 July*** with ***145,*** an increase of ***15*** from 10 July. ***Suriname and Guyana each with 19*** are in joint second place. ***The Bahamas*** follows with ***11*** *deaths and* ***Jamaica*** with ***10***.
- The number of deaths per 100,000 population is the highest in ***Montserrat 20 (1)***; ***Bermuda 14.07 (9), Turks and Caicos Islands, 4.84 (2). British Virgin Islands is at 3.43 (1) and Suriname 3.26 (19).*** The rate for Haiti is ***1.27;***
- 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 ***Montserrat with 9.1, The Bahamas*** with ***8.5*** percent, ***Barbados*** is at ***6.7*** percent and ***Bermuda, Guyana*** and ***Trinidad and Tobago*** each are at ***5.9*** percent**.** ***Haiti*** is at ***2.1*** percent,

Testing- [Tracking the pandemic]

- ***Cayman Islands*** continues to have the best testing record with a rate of ***41,932.4 tests per 100,000 population (27,597 tests)*** followed by ***Bermuda, 23,625.6 (15,114 tests), Barbados, 3375.4 (9,270 tests), Anguilla, 2533.3 (380 tests)*** and ***Turks and Caicos Islands, 2370.5 (979 tests). Jamaica*** has conducted the highest number of tests with ***29,563*** but is in ***tenth place with 1083.9 tests per 100,000 population***.

CHART 1: SUMMARY ALL COUNTRIES - NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS – 10 MARCH - 17 JULY 2020

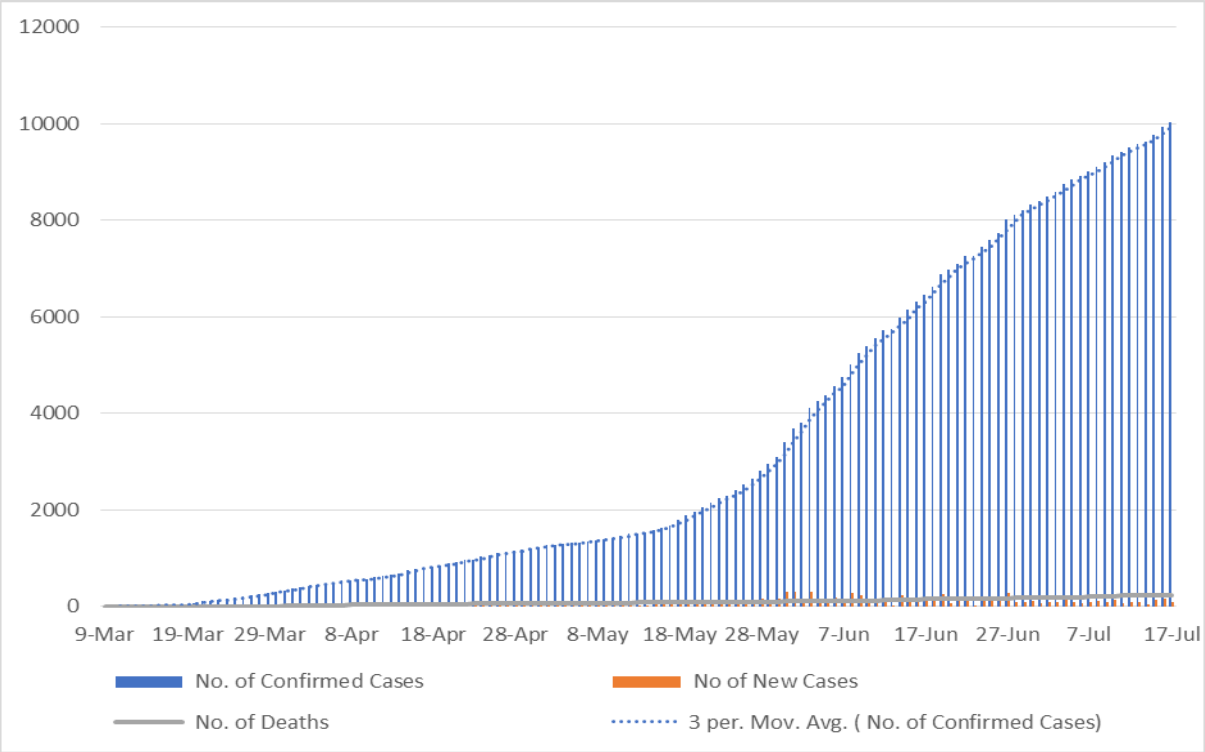
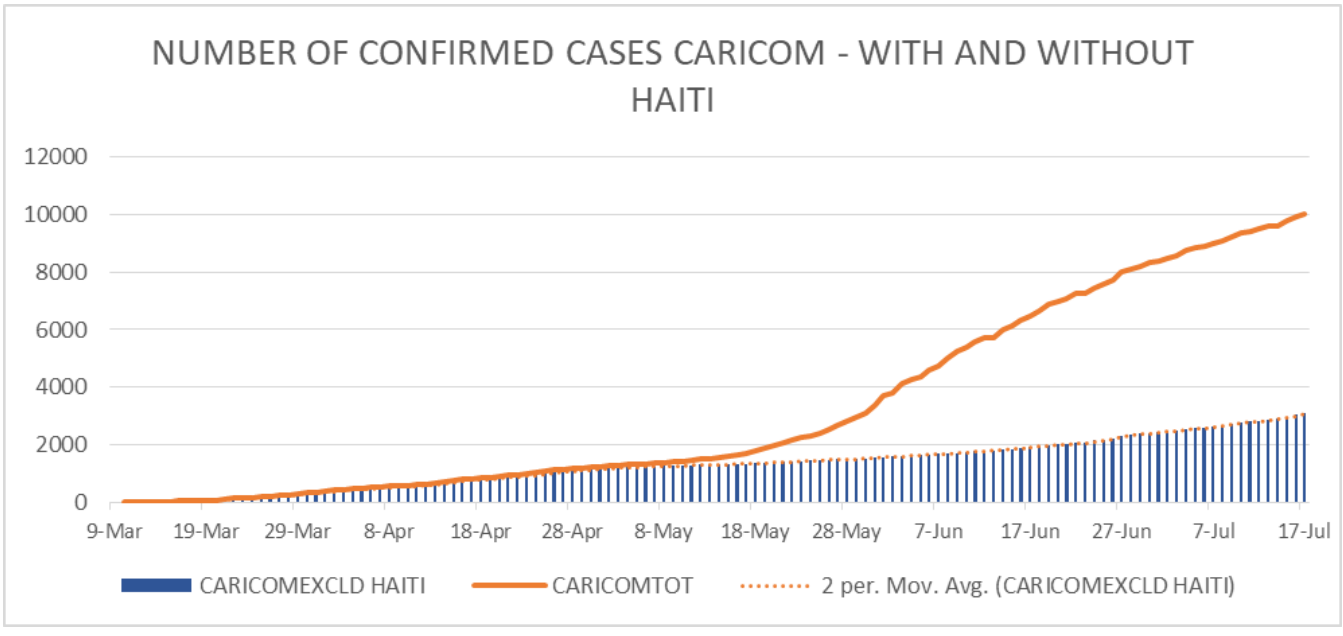


CHART 1A: NUMBER OF CONFIRMED CASES IN CARICOM– WITH AND WITHOUT HAITI AS AT 17 JULY 2020



Note: The number of confirmed cases moved from **9352 (adjusted)** as at **10 July** to **10,032** as at **17 July,** while the number of deaths moved from **219** to **238.**

CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - 10 MARCH - 17 JULY 2020

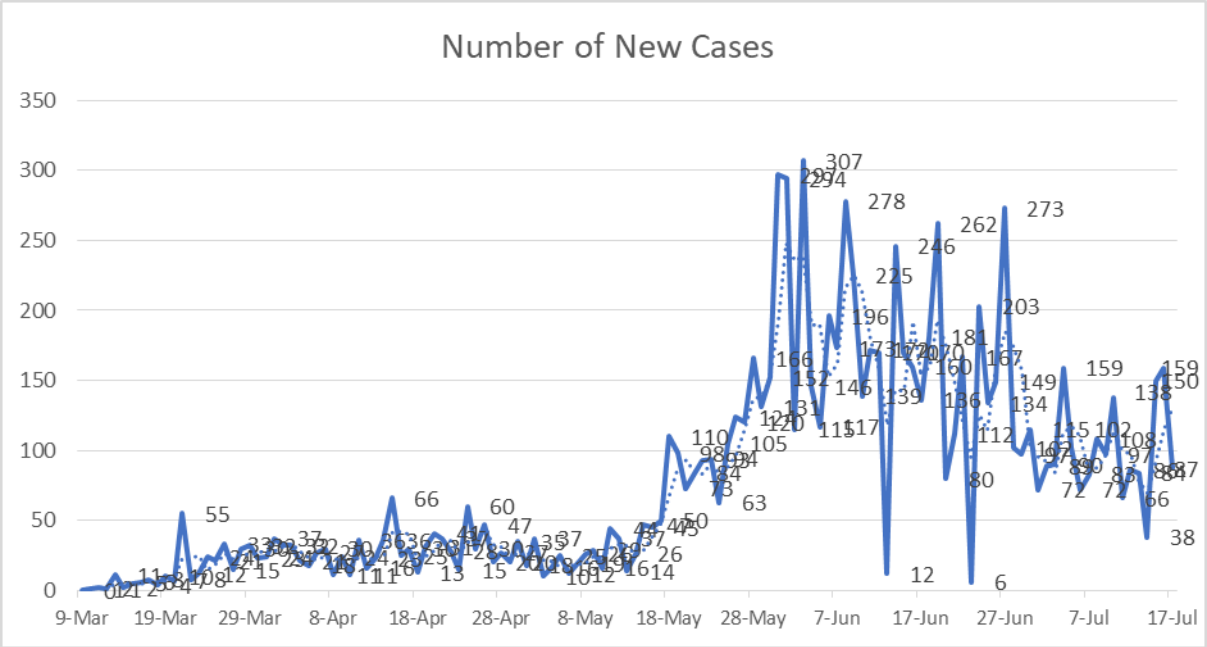
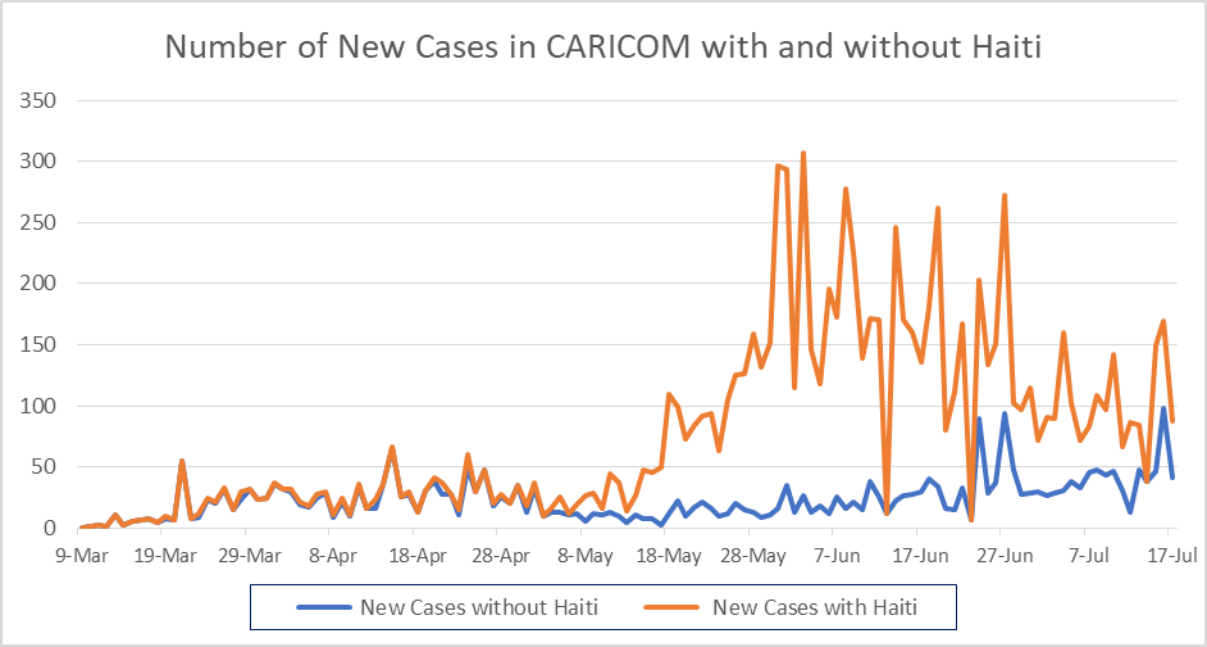


CHART 1C: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - WITH AND WITHOUT HAITI - 10 MARCH - 17 JULY 2020



Note: Total number of new cases for the period **11-17 July** is **680** as compared to **764 (adjusted)** during **4-10 July**, **27 June-3 July** with **840, 20-26 June** with **853 (adjusted)** and **13-19 June** with **1167.** The number of new cases for the current reporting period is **84** less than for the previous reporting period. Haiti contributed to **366** of the new cases this reporting period or **53.8** percent (**63** percent for the previous period). **Jamaica** contributed to **15 new cases**, **Suriname, 217, Guyana, 30 and The Bahamas, 21**. The trend in the number of new cases continues to decline over time for the total number of new cases, with Haiti's contribution to the total number of new cases for CARICOM also reflecting a declining trend as seen in Chart 1C.

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CHART 1D: SUMMARY ALL COUNTRIES - NUMBER OF DEATHS - 10 MARCH - 17 JULY 2020

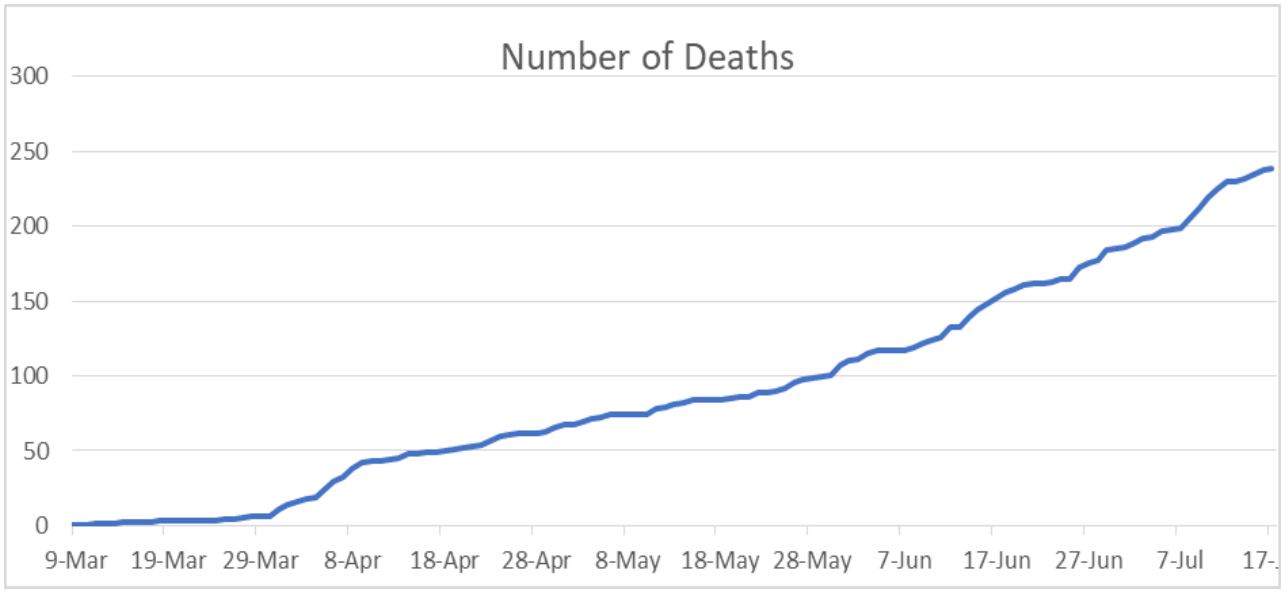
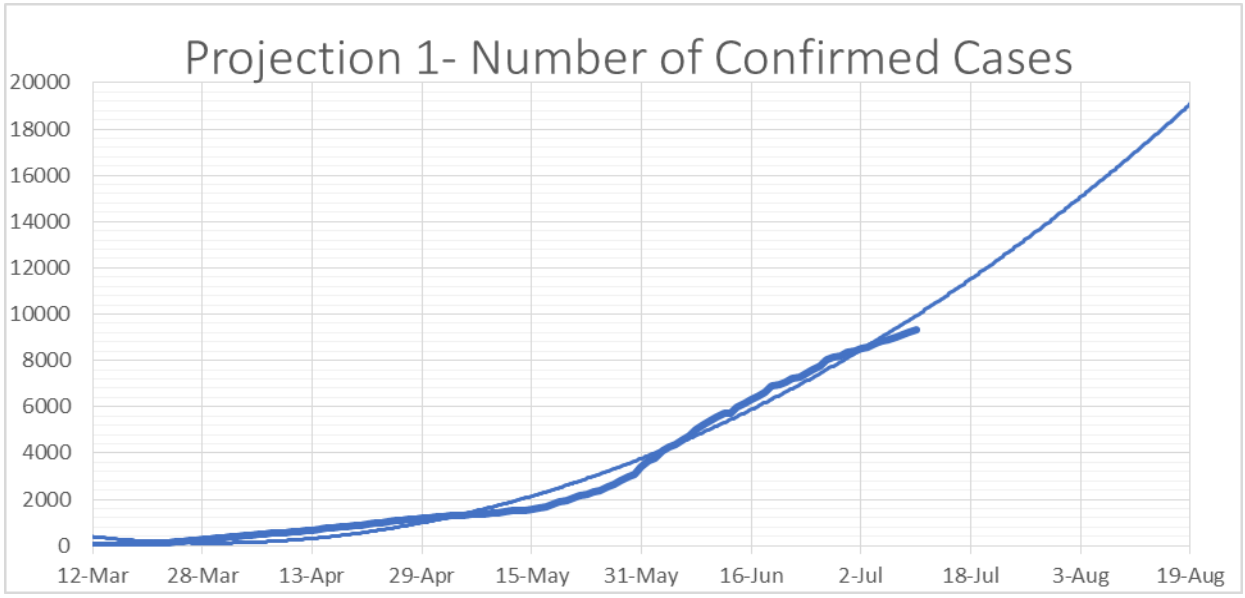
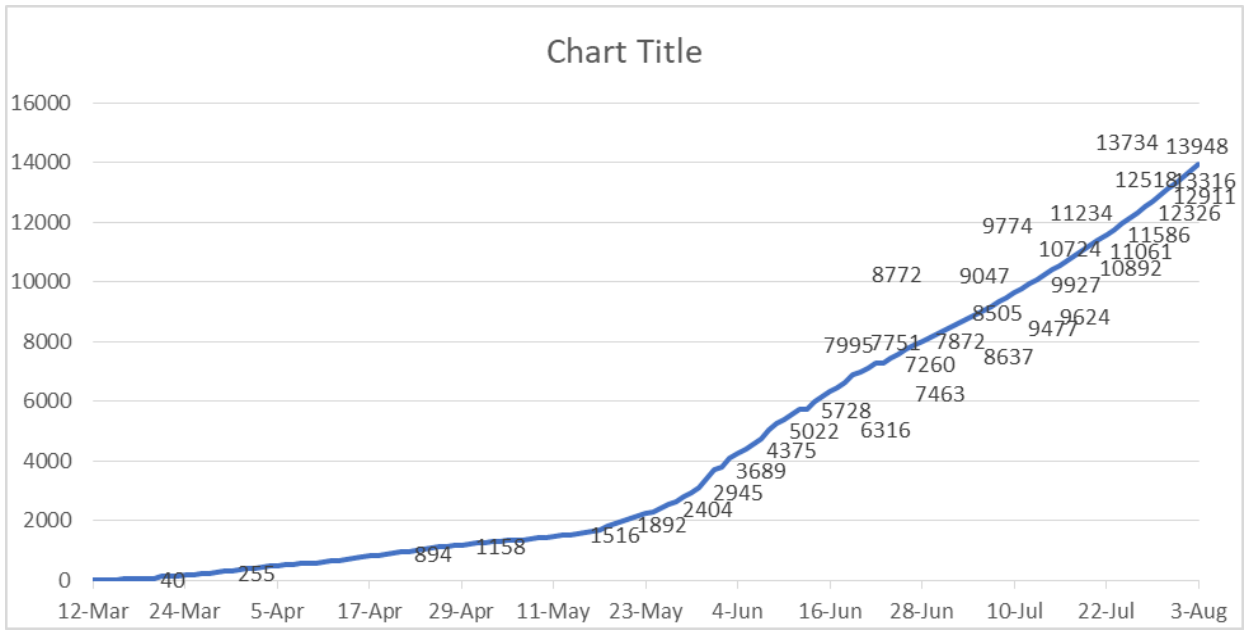


CHART 2: PROJECTION 1-ESTIMATED NUMBER OF CONFIRMED CASES EXTENDED TO 19 AUGUST 2020



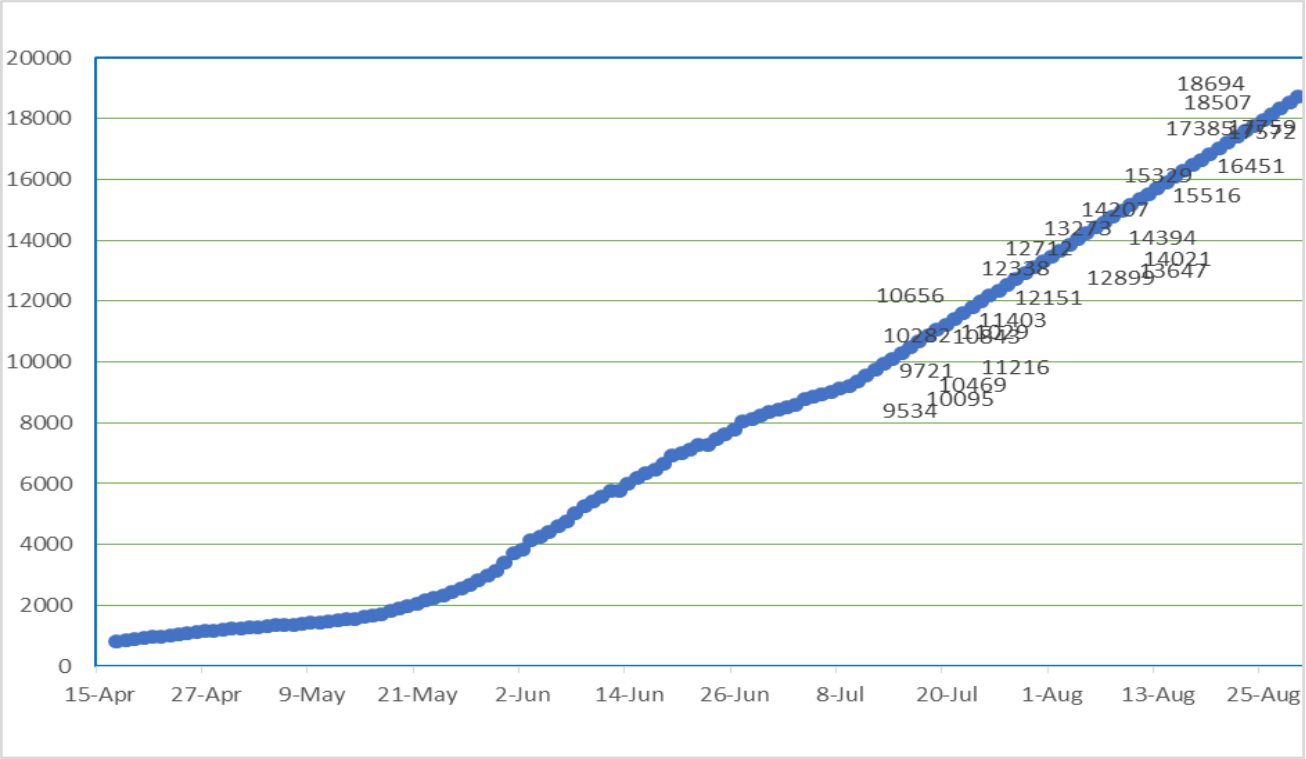
Note: The non-linear trendline gave a projected value for **17 July** of **10,600.** The actual value is **10,032**, which shows a relatively close fit of the trendline. The projected value for **24 July** is **12,100**.

CHART 2A: UPDATED PROJECTION USING GROWTH RATES (13-19 JUNE) OF THE NUMBER OF CONFIRMED CASES PROJECTED UP TO 3 AUGUST 2020



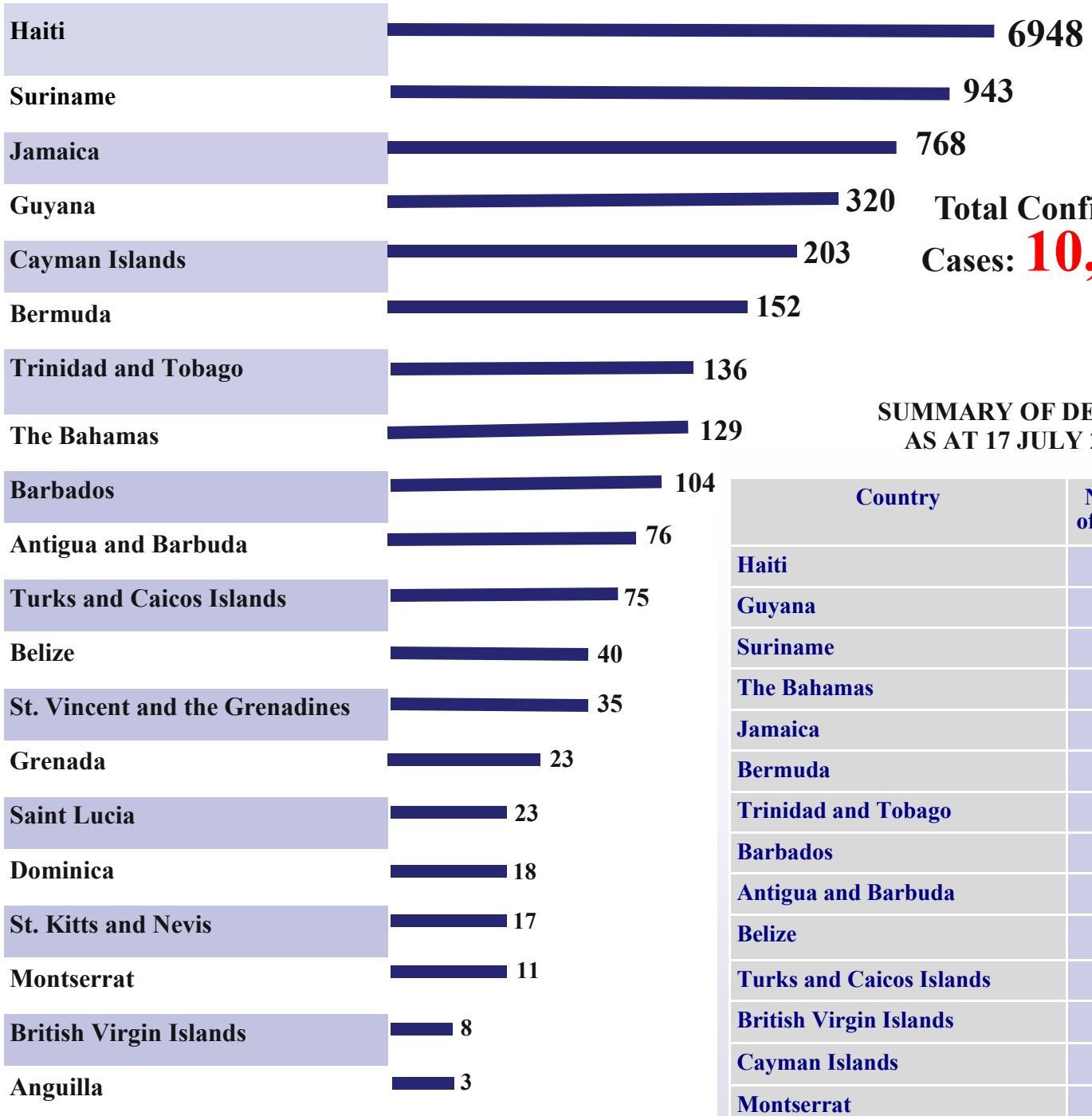
Note: The projected value for **17 July** from this projection was **10724.** The actual value is **10,032,** which is relatively close. The projected value for **24 July** is **12,240**.

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



Note: The projected value for **17 July** is **10656** as compared to the actual value of **10,032.,** which is relatively close. The projected value for **24 July** is **11,950.**

SUMMARY OF CONFIRMED CASES AS AT 17 JULY 2020



Total Confirmed Cases: 10,032

Total Deaths: 238

Note: The number of confirmed cases in Haiti is 6948, now more than 7 times the number of confirmed cases for Suriname that has now moved to second place, passing Jamaica during the current reporting period. Jamaica is in third place, 175 cases behind Suriname with Guyana still in fourth place. Haiti with an additional 15 deaths, Suriname with 1 additional death and Guyana with 3 are the countries that have contributed to the increase in deaths for the reporting period. Guyana has joined Suriname with the second highest number of deaths, 19.

SUMMARY OF DEATHS AS AT 17 JULY 2020

Country	Number of Deaths
Haiti	145
Guyana	19
Suriname	19
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

TABLE 2: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION IN CARICOM –SELECTED COUNTRIES– 5 JUNE – 17 JULY

	DATE						
COUNTRY	05-Jun	12-Jun	19-Jun	26-Jun	03-Jul	10-Jul	17-Jul
CARICOM -ALL COUNTRIES	24.08	31.53	37.96	42.65	47.28	51.48	55.23
CARICOM EXCLD HAITI	22.68	24.81	27.47	30.61	34.52	38.45	42.81
ANTIGUA AND BARBUDA	27.36	27.36	27.36	68.41	71.57	77.88	79.99
THE BAHAMAS	26.75	27.01	27.27	27.27	27.27	28.32	33.83
BARBADOS	33.50	34.96	35.32	35.32	35.32	35.68	37.87
BERMUDA	220.41	221.97	228.22	228.22	228.22	234.47	237.60
BELIZE	4.77	5.02	5.53	6.03	7.54	9.30	10.05
CAYMAN ISLANDS	249.19	284.14	296.29	297.81	305.41	305.41	308.45
GUYANA	20.65	21.46	24.70	31.04	34.55	39.14	43.18
HAITI	24.01	34.54	43.08	48.57	53.46	57.68	60.89
JAMAICA	21.81	22.51	23.90	25.15	26.43	27.61	28.16
ST VINCENT AND THE GRENADINES	23.42	24.32	26.13	26.13	26.13	26.13	31.53
SURINAME	15.61	32.08	50.26	67.07	94.51	124.53	161.75
TRINIDAD & TOBAGO	8.61	8.61	9.05	9.12	9.56	9.79	10.01
TURKS AND CAICOS ISLANDS	29.06	29.06	29.06	38.74	106.54	159.81	181.60

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 ***17 July are: Cayman Islands (308.45), Bermuda (237.60), Turks and Caicos Islands (181.60), Suriname, (161.75) and Antigua and Barbuda (79.99). Haiti's rate is 60.89.*** Montserrat (less than 25 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-17 JULY 2020

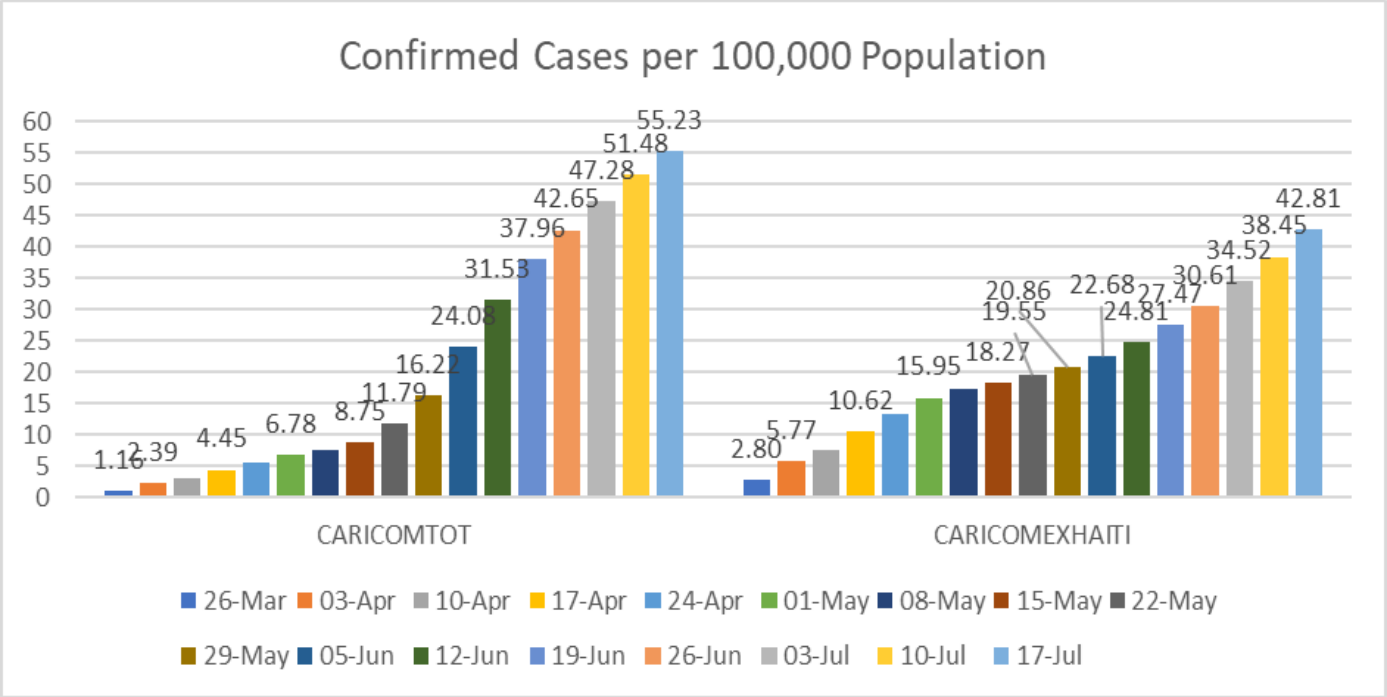


CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES 26 MARCH– 17 JULY 2020

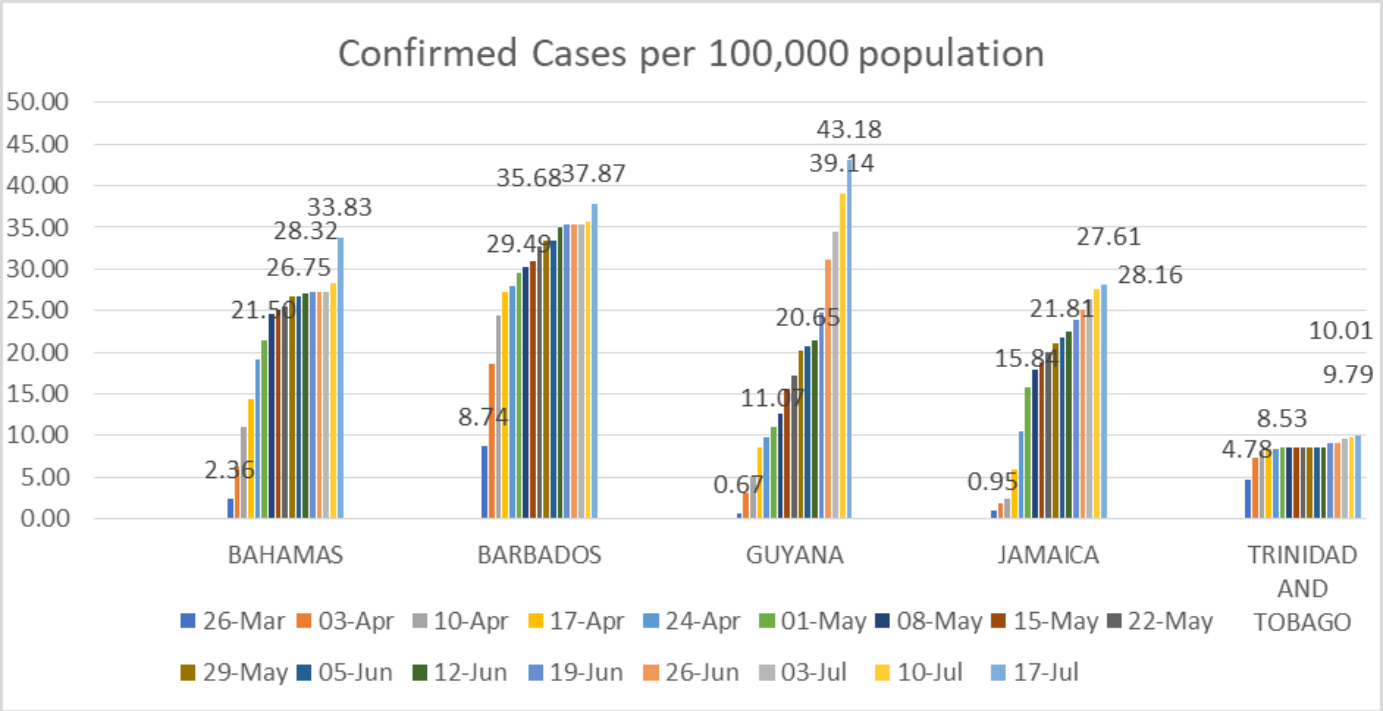


CHART 3B: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES (WITH HAITI) 26 MARCH– 17 JULY 2020

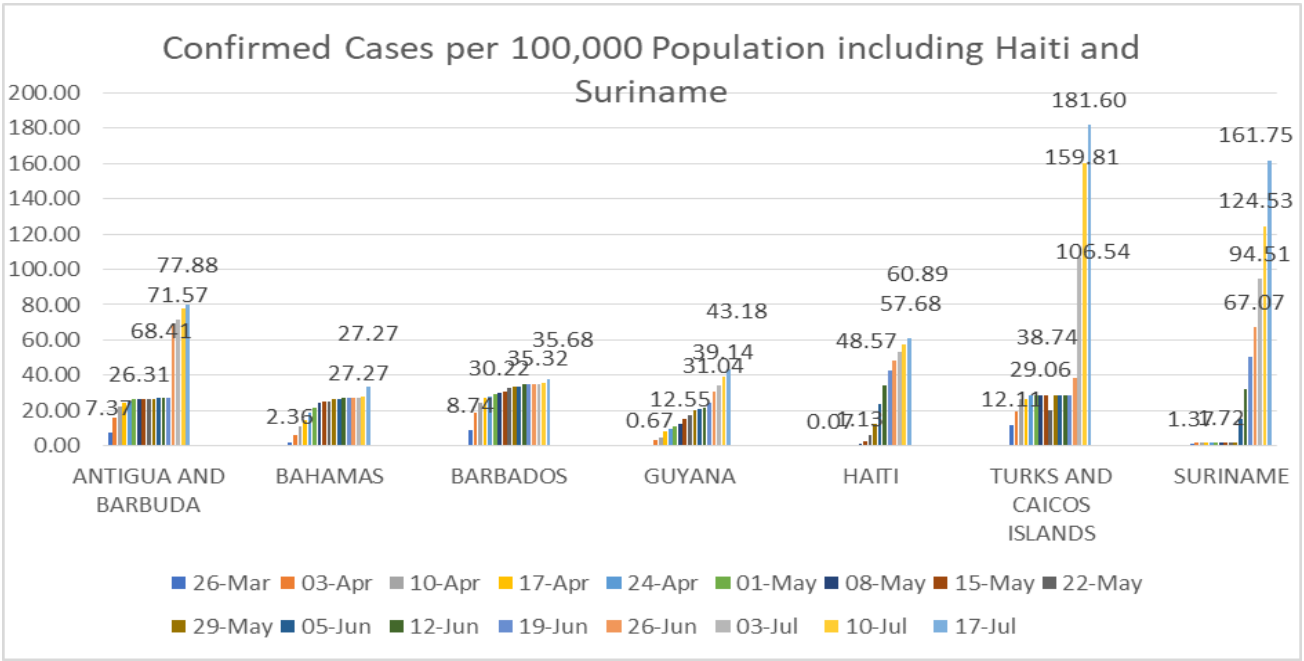


CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS -26 MARCH– 17 JULY 2020

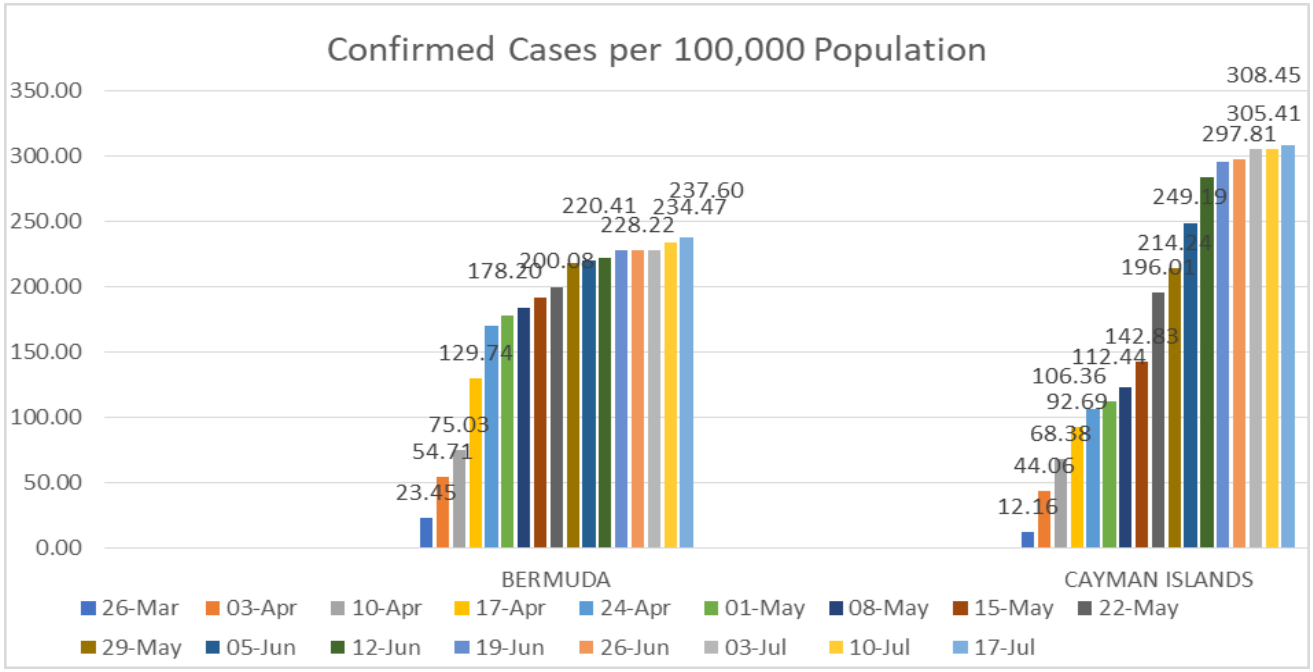


CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- HAITI - 26 MARCH– 17 JULY 2020

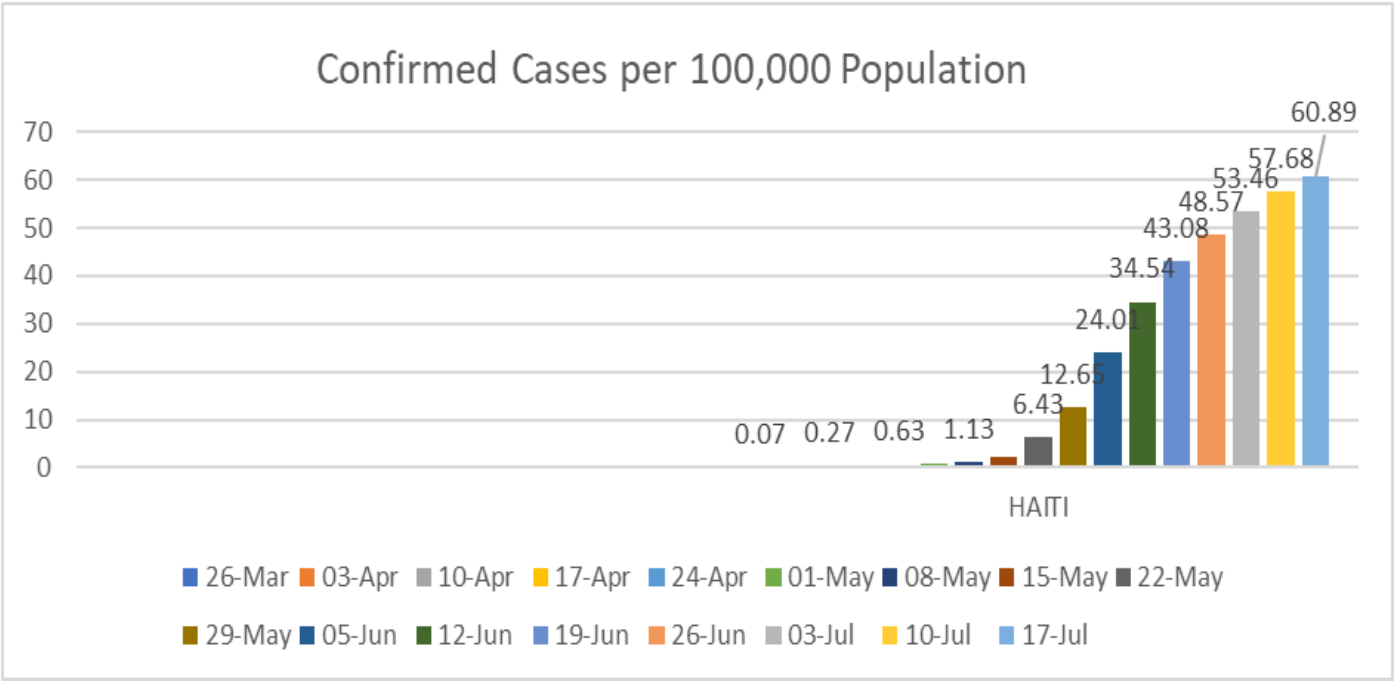


CHART 3E: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION GUYANA, JAMAICA, TRINIDAD AND TOBAGO AND SURINAME 26 MARCH– 17 JULY 2020

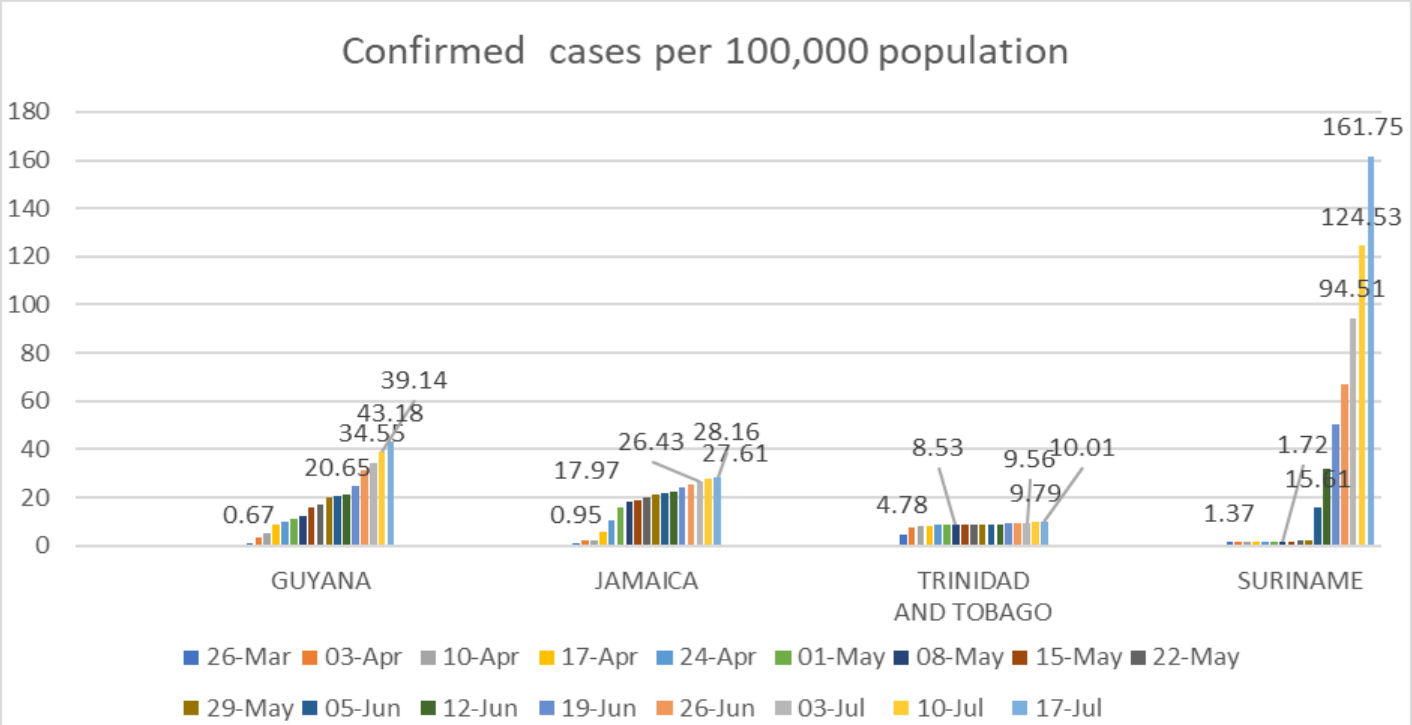


CHART 3F: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION ANTIGUA AND BARBUDA, THE BAHAMAS, BARBADOS AND ST. VINCENT AND THE GRENADINES 26 MARCH– 17 JULY 2020

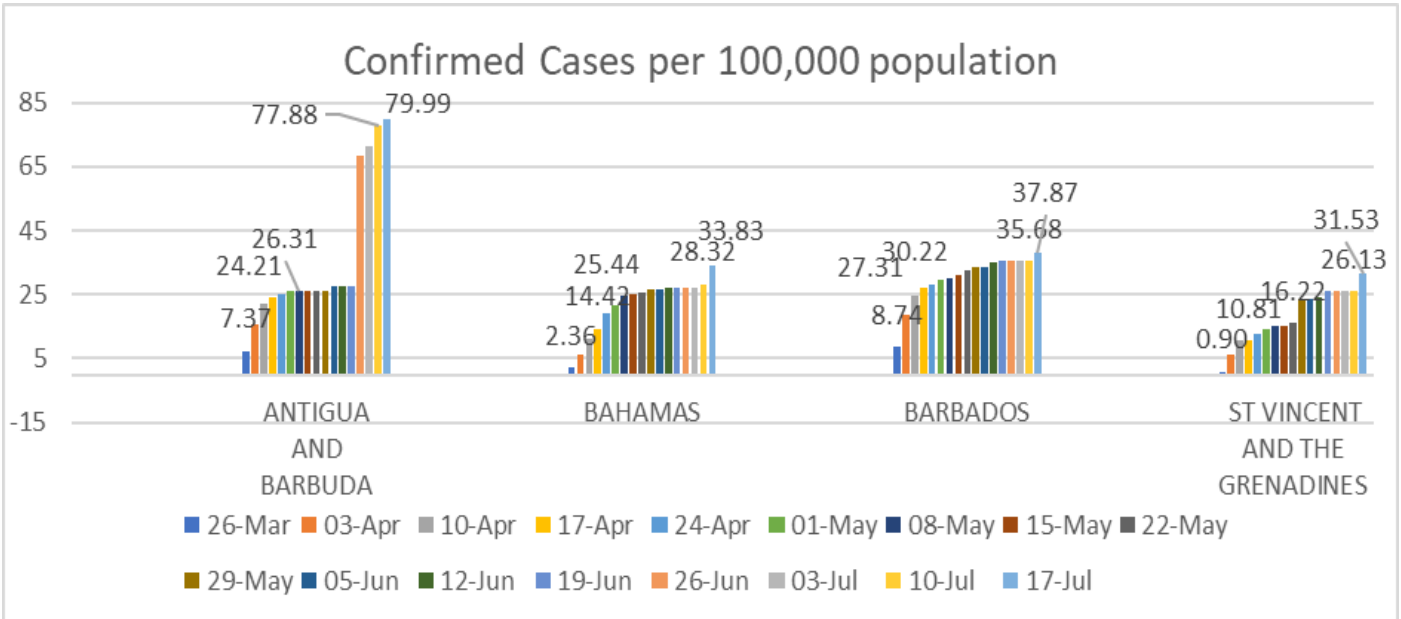


TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION 5 JUNE – 17 JULY 2020

	DATE						
	05-June	12-June	19-June	26–June	3-July	10–July	17–July
CARICOM ALL COUNTRIES	0.64	0.73	0.87	0.95	1.06	1.21	1.32
CARICOM EXCL. HAITI	0.93	0.96	1.03	1.06	1.14	1.24	1.30
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	1.62	1.62	1.62	1.62	1.89	2.16	2.56
HAITI	0.44	0.56	0.74	0.84	0.96	1.14	1.27
JAMAICA	0.37	0.37	0.37	0.37	0.37	0.37	0.37
MONTSERRAT	20.00	20.00	20.00	20.00	20.0	20.0	20.00
SURINAME	0.17	0.51	1.37	1.72	2.23	3.09	3.26
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	4.84	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.

TABLE 3A: DEATHS AS A PERCENTAGE OF THE NUMBER OF CONFIRMED CASES– CASE FATALITY RATES –5 JUNE – 17 JULY

DEATH RATES TO CONFIRMED CASES							
COUNTRY	05-Jun	12-Jun	19-Jun	26-Jun	03-Jul	10-Jul	17-Jul
CARICOM-ALL COUNTRIES	2.7	2.3	2.3	2.2	2.2	2.3	2.4
ANTIGUA AND BARBUDA	11.5	11.5	11.5	4.6	4.4	4.1	3.9
THE BAHAMAS	10.8	10.7	10.6	10.6	10.6	10.2	8.5
BARBADOS	7.6	7.3	7.2	7.2	7.2	7.1	6.7
BERMUDA	6.4	6.3	6.2	6.2	6.2	6.0	5.9
BELIZE	10.5	10.5	10.5	8.3	6.7	5.4	5.0
BRITISH VIRGIN ISLANDS	12.5	12.5	12.5	12.5	12.5	12.5	12.5
CAYMAN ISLANDS	0.6	0.5	0.5	0.5	0.5	0.5	0.5
GUYANA	7.8	7.5	6.6	5.2	5.5	5.5	5.9
HAITI	1.8	1.6	1.7	1.7	1.8	2.0	2.1
JAMAICA	1.7	1.6	1.5	1.5	1.4	1.3	1.3
MONTSERRAT	9.1	9.1	9.1	9.1	9.1	9.1	9.1
SURINAME	1.1	1.6	2.7	2.6	2.3	2.5	2.0
TRINIDAD & TOBAGO	6.8	6.8	6.5	6.5	6.2	6.0	5.9
TURKS AND CAICOS ISLANDS	8.3	8.3	8.3	6.3	4.5	2.9	2.7

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.

CHART 4: DEATHS AS A PERCENTAGE OF CONFIRMED CASES- ALL COUNTRIES-CASE FATALITY RATES AS AT 17 JULY 2020

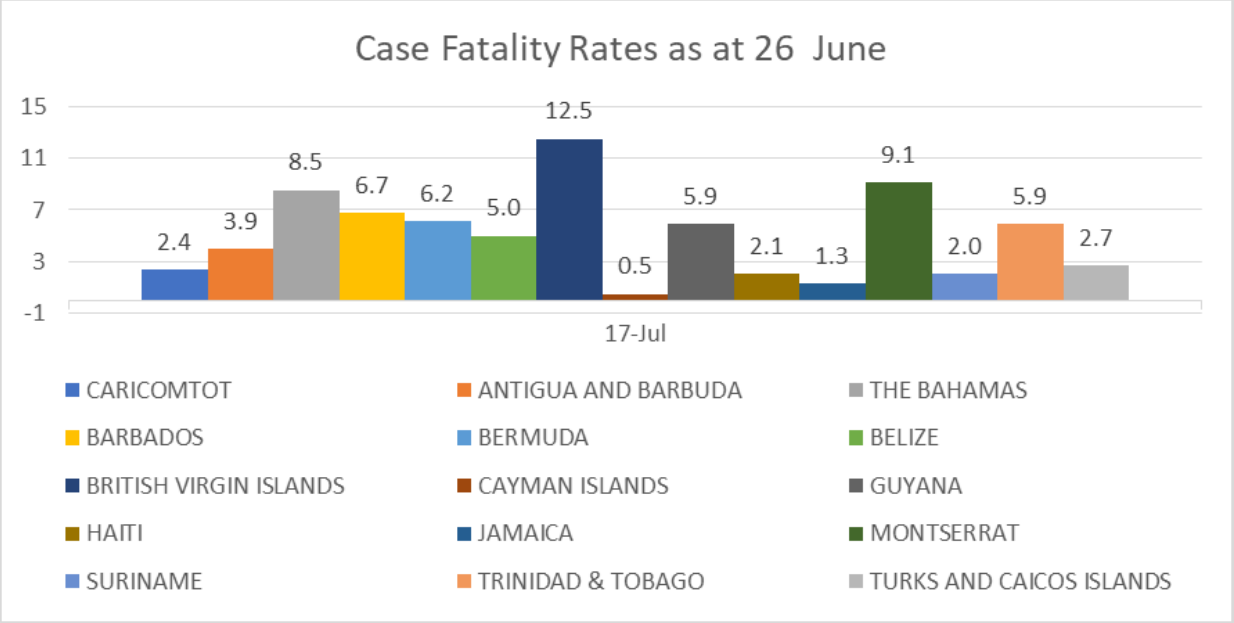
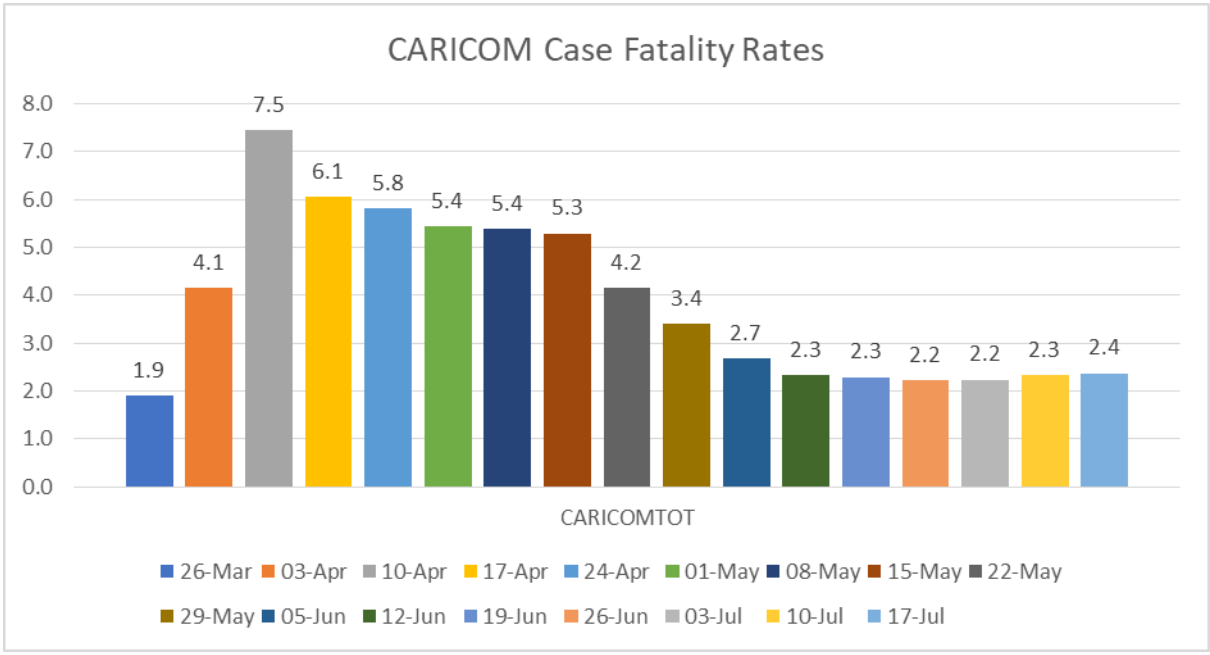
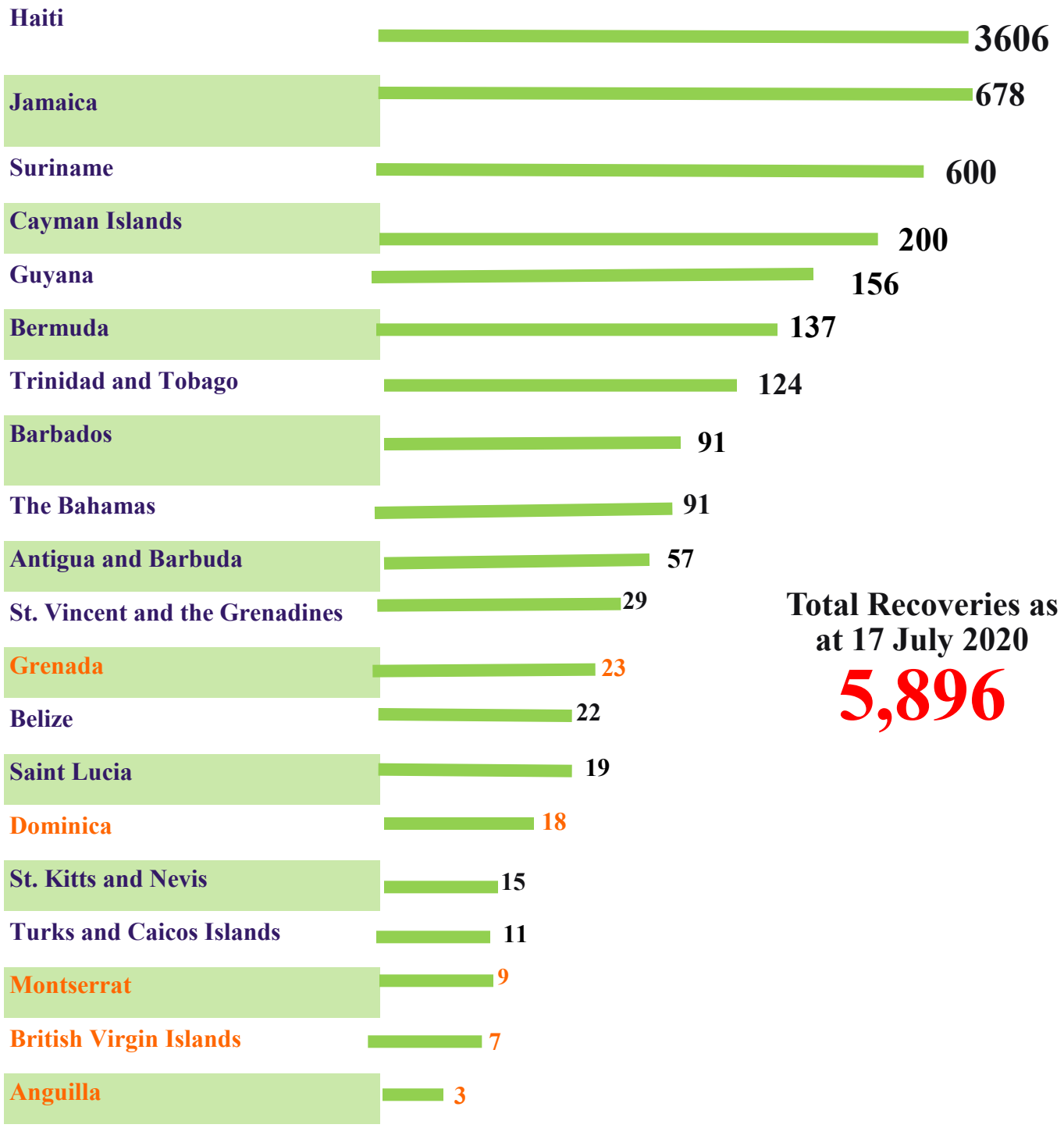


CHART 4A: CARICOM—ALL COUNTRIES- CASE FATALITY RATES 26 MARCH - 17 JULY



SUMMARY OF RECOVERED CASES AS AT 17 JULY 2020



Total Recoveries as at 17 July 2020

5,896

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

TABLE 4: ACTIVE CASES, RECOVERIES, NUMBER OF TESTS CONDUCTED AND HOSPITALISATIONS AS AT 17 JULY 2020

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPITALISATIONS
Haiti	6948	3606	3197	15270	185
Jamaica	768	678	56	29563	1
Suriname	943	600	324	1244	
Cayman Islands	203	200	2	27597	0
Guyana	320	156	145	3558	
Bermuda	152	137	6	15114	0
Trinidad and Tobago	136	124	4	5998	4
Barbados	104	91	6	9270	
The Bahamas	129	91	25	2570	1
Antigua and Barbuda	76	57	16	930	
St Vincent and the Grenadines	35	29	6	1269	
Grenada	23	23	0	853	0
Belize	40	22	16	2892	
Saint Lucia	23	19	2	2140	
Dominica	18	18	0	643	0
St Kitts and Nevis	17	15	2	713	
Turks and Caicos Islands	75	11	61	979	1
Montserrat	11	9	0	62	0
British Virgin Islands	8	7	0	439	0
Anguilla	3	3	0	380	0
Total	10032	5896	3868		

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

All active cases in **Anguilla, British Virgin Islands, Dominica, Grenada and Montserrat** have recovered up to the end of the reporting period **17 July**.

St Kitts and Nevis and St Vincent and the Grenadines that previously had no active cases up to the **3 July** and the **11 July** respectively**,** now have **2 and 6 active cases** respectively.

Cayman Islands has **3** active cases. **Trinidad and Tobago** (with a prior period of no active cases) has **4** active cases**. Barbados and Bermuda,** which had no active cases during the period 27 June– 3 July, each have **6** active cases.

Antigua and Barbuda and **Belize** each have **16 active cases** while **The Bahamas** is at **25** active cases.

Turks and Caicos Islands and Suriname that previously had no active cases in prior reporting periods now have **61** and **324** active cases, respectively**.**

Twelve countries have less than 10 active cases from thirteen at the end of the previous reporting period.

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Table 5: NUMBER OF TESTS AND RATE PER 100,000 POPULATION – AS AT 17 JULY 2020

COUNTRY	NO. OF TESTS	NO. OF TESTS PER 100,000
Anguilla	380	2533.3
Antigua and Barbuda	930	978.8
Barbados	9270	3375.4
Belize	2892	726.5
Bermuda	15114	23625.6
British Virgin Islands	439	1506.0
Cayman Islands	27597	41932.4
Dominica	643	893.1
Grenada	853	765.2
Guyana	3558	480.2
Haiti	15270	133.8
Jamaica	29563	1083.9
Montserrat	62	1240.0
Saint Lucia	2140	1195.5
St Kitts and Nevis	713	1345.3
St Vincent and the Grenadines	1269	1143.2
Suriname	1244	213.4
The Bahamas	2570	674.0
Trinidad and Tobago	5998	441.3
Turks and Caicos Islands	979	2370.5

Note: The top five countries based on the number of tests per 100,000 are: **Cayman Islands (41,923.4), Bermuda, (23,625.6*)*, Barbados (3,375.5), Turks and Caicos Islands (2,370.5) and Anguilla (2,533.3)** 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.

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

18 APRIL - 17 JULY 2020

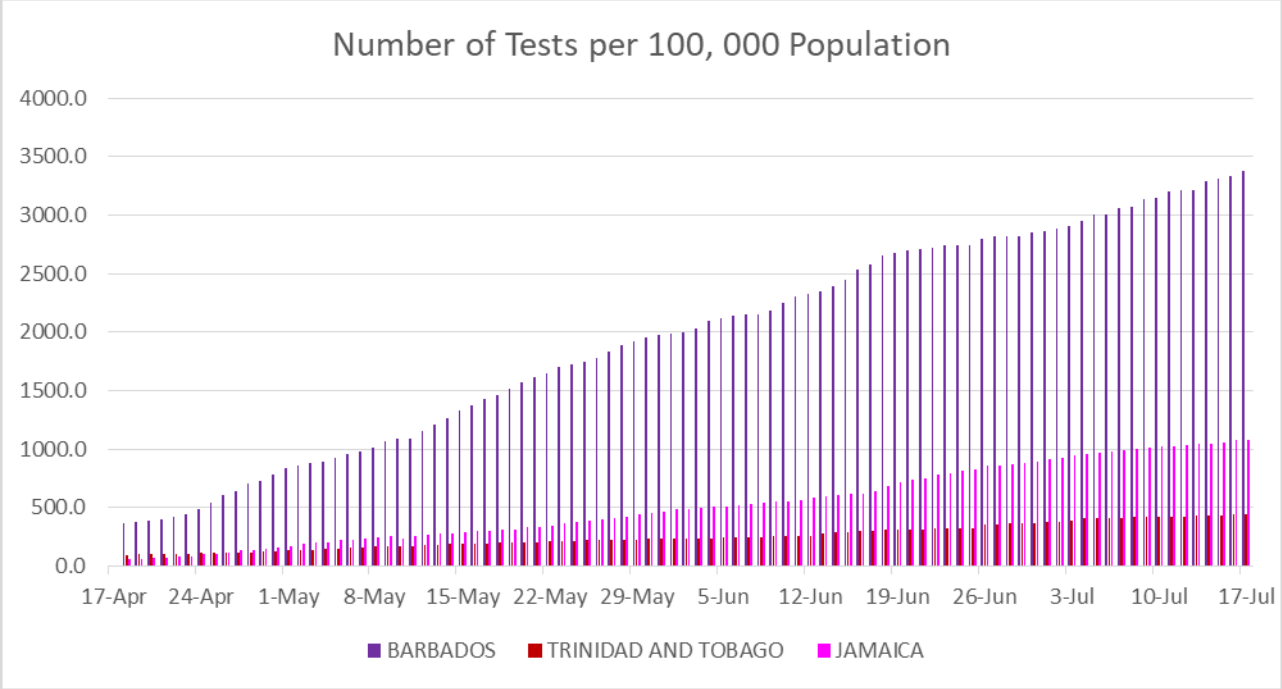


CHART 5A: NUMBER OF TESTS PER 100, 000 POPULATION– CAYMAN ISLANDS

27 APRIL— 17 JULY 2020

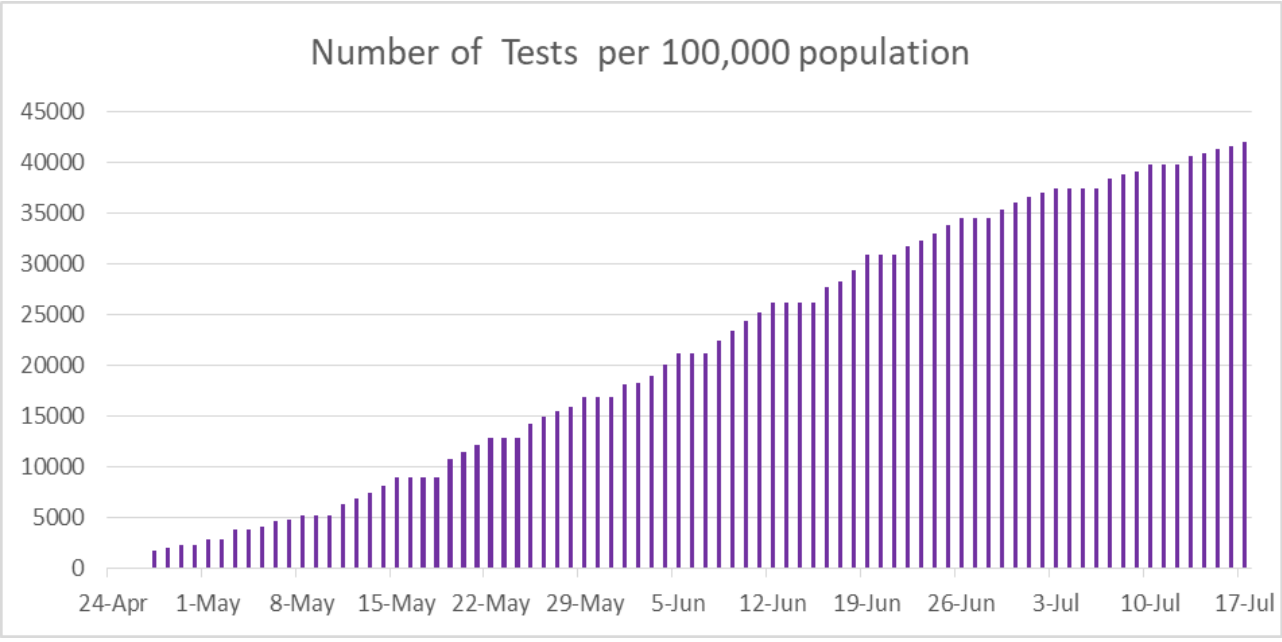


CHART 5B: NUMBER OF RECOVERIES - BARBADOS

18 APRIL - 17 JULY 2020

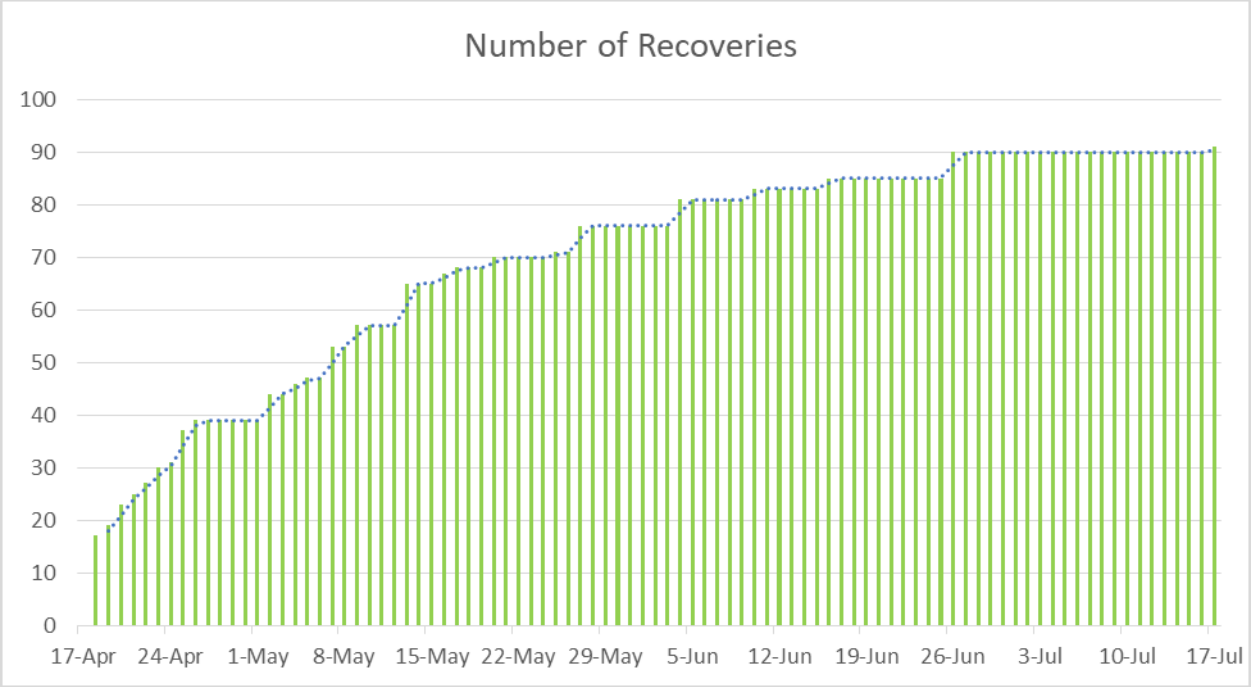


CHART 5C: NUMBER OF ACTIVE CASES - BARBADOS

18 APRIL - 17 JULY 2020

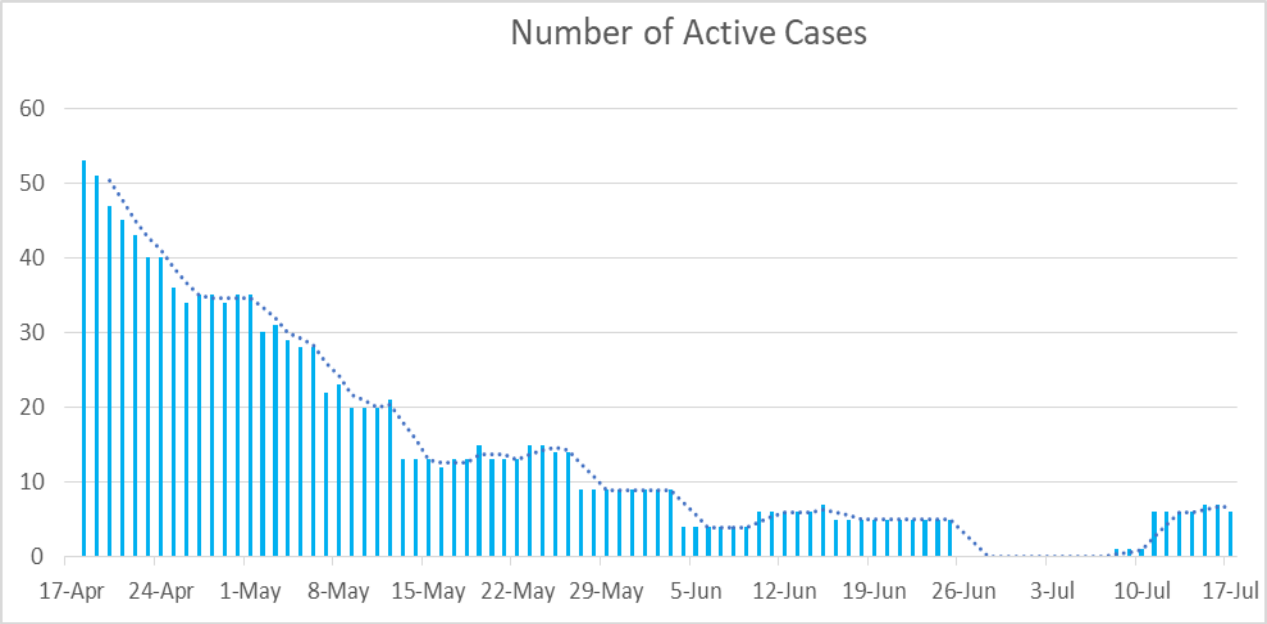


CHART 5D: NUMBER OF TESTS CONDUCTED - BARBADOS

18 APRIL - 17 JULY 2020

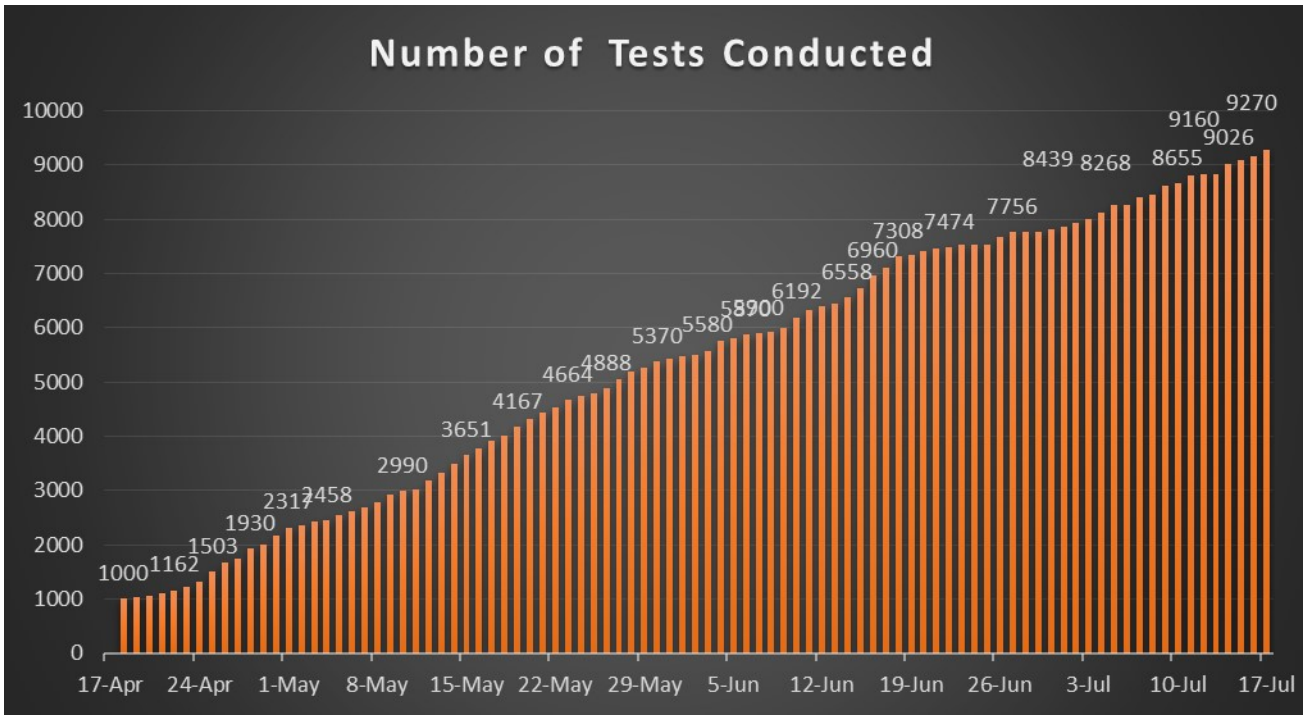


CHART 5E: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - BARBADOS

18 APRIL - 17 JULY 2020

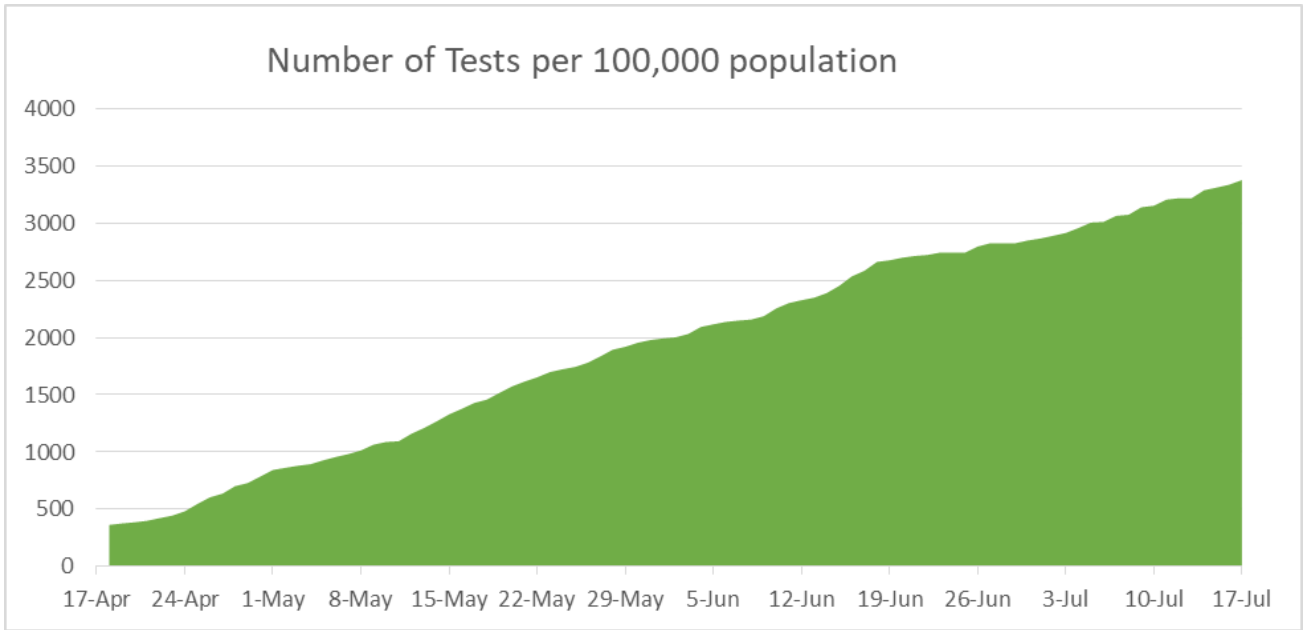


CHART 5F: NUMBER OF RECOVERIES - JAMAICA
18 APRIL– 17 JULY 2020

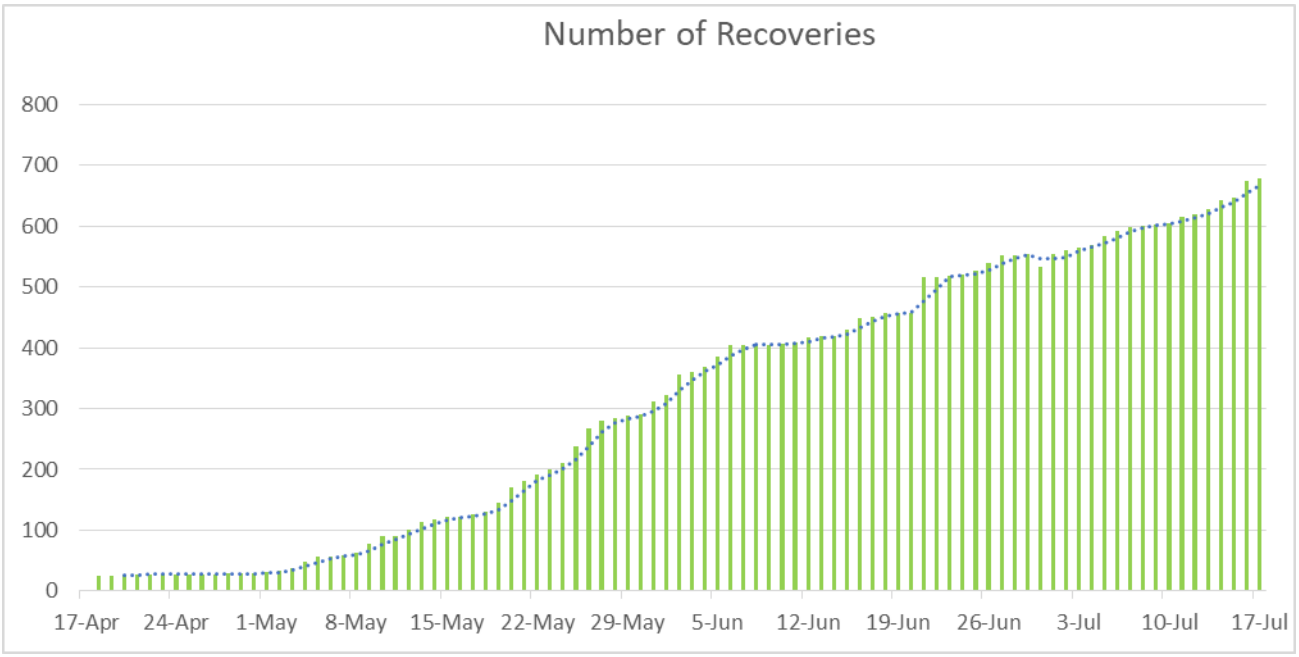


CHART 5G: NUMBER OF ACTIVE CASES - JAMAICA
18 APRIL - 17 JULY 2020

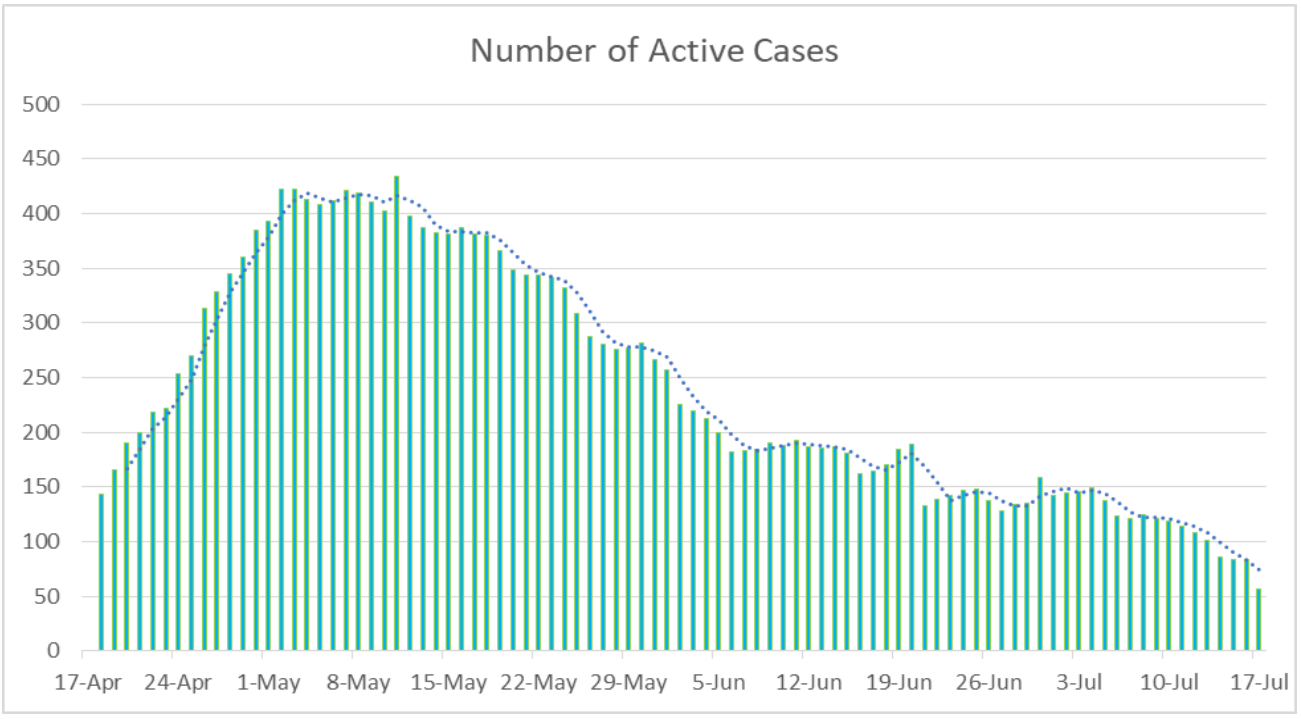


CHART 5H: NUMBER OF TESTS CONDUCTED - JAMAICA
18 APRIL - 17 JULY 2020

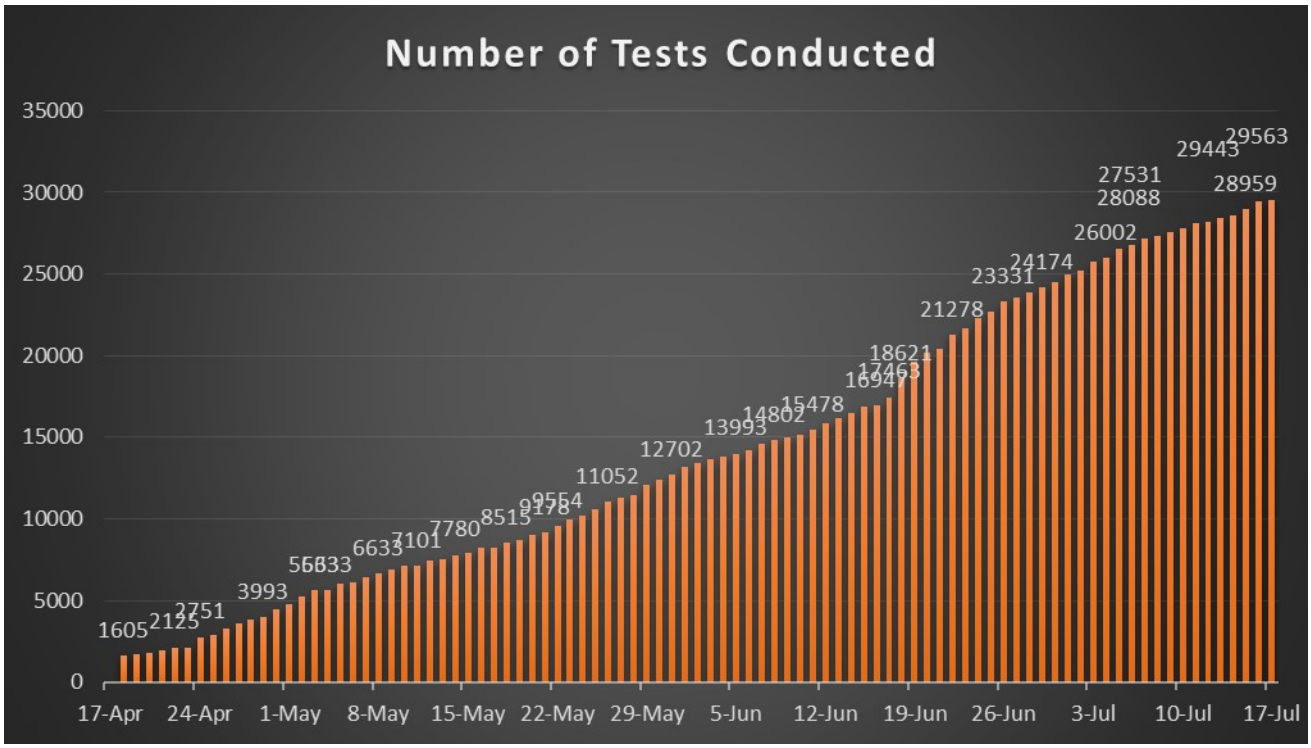


CHART 5I: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - JAMAICA
18 APRIL - 17 JULY 2020

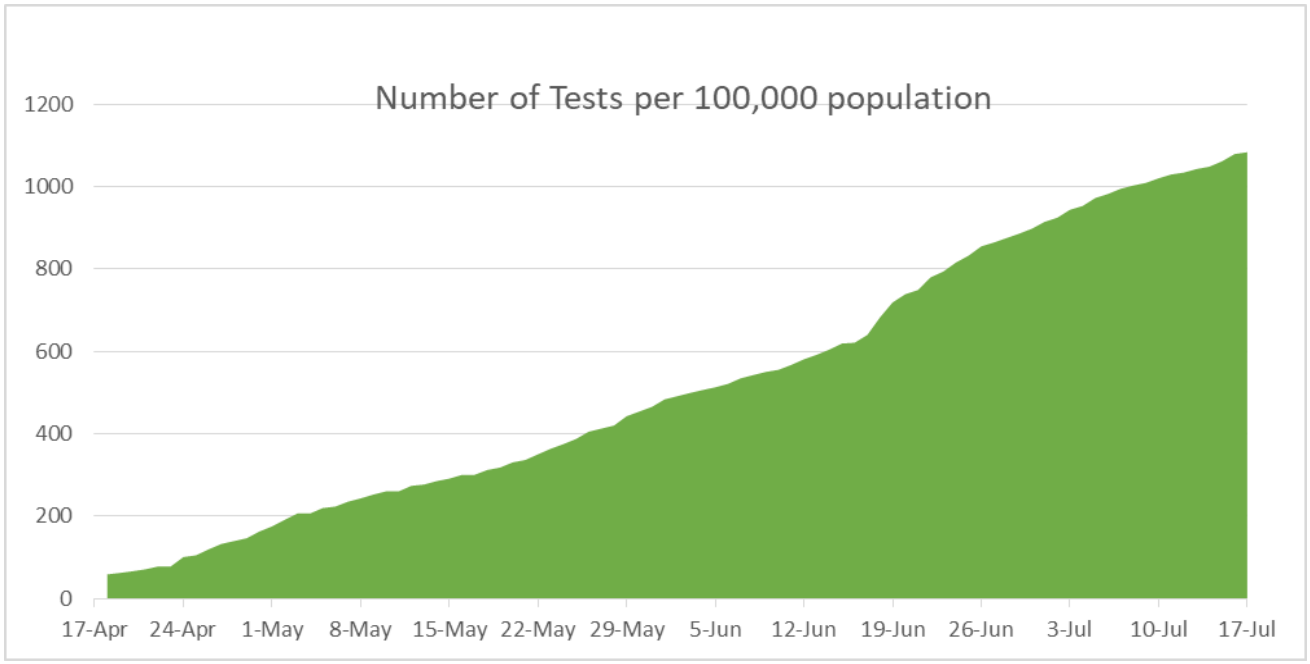


CHART 5J: NUMBER OF RECOVERIES - TRINIDAD AND TOBAGO
18 APRIL - 17 JULY 2020

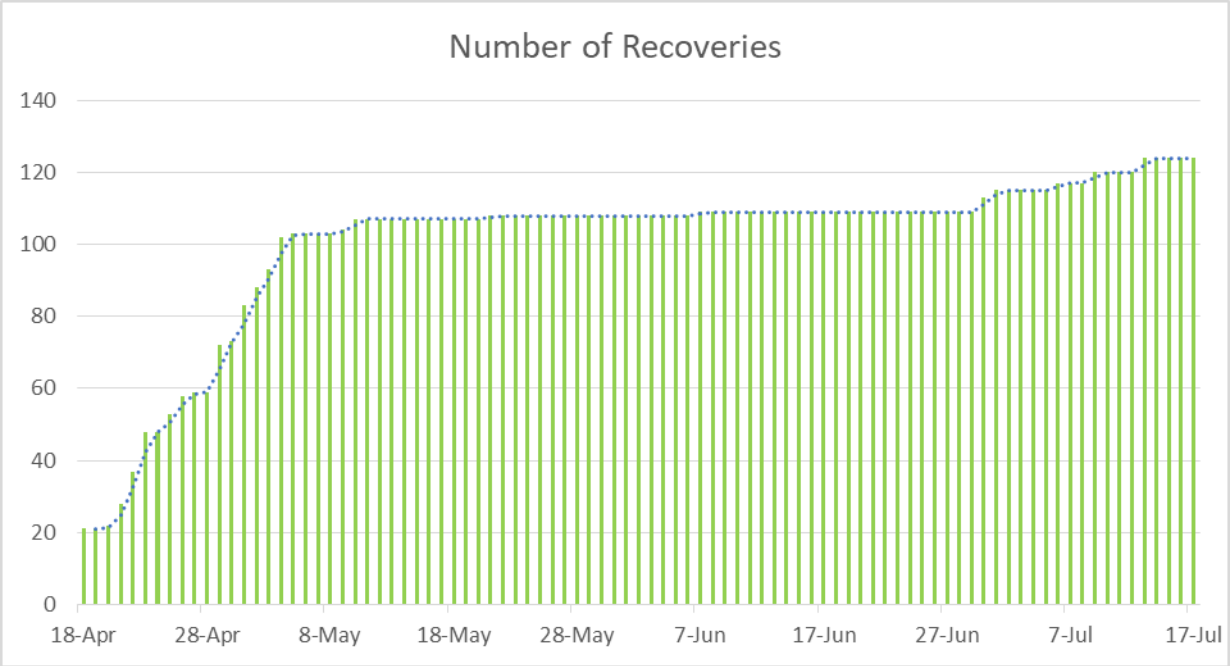


CHART 5K: NUMBER OF ACTIVE CASES- TRINIDAD AND TOBAGO
18 APRIL - 17 JULY 2020

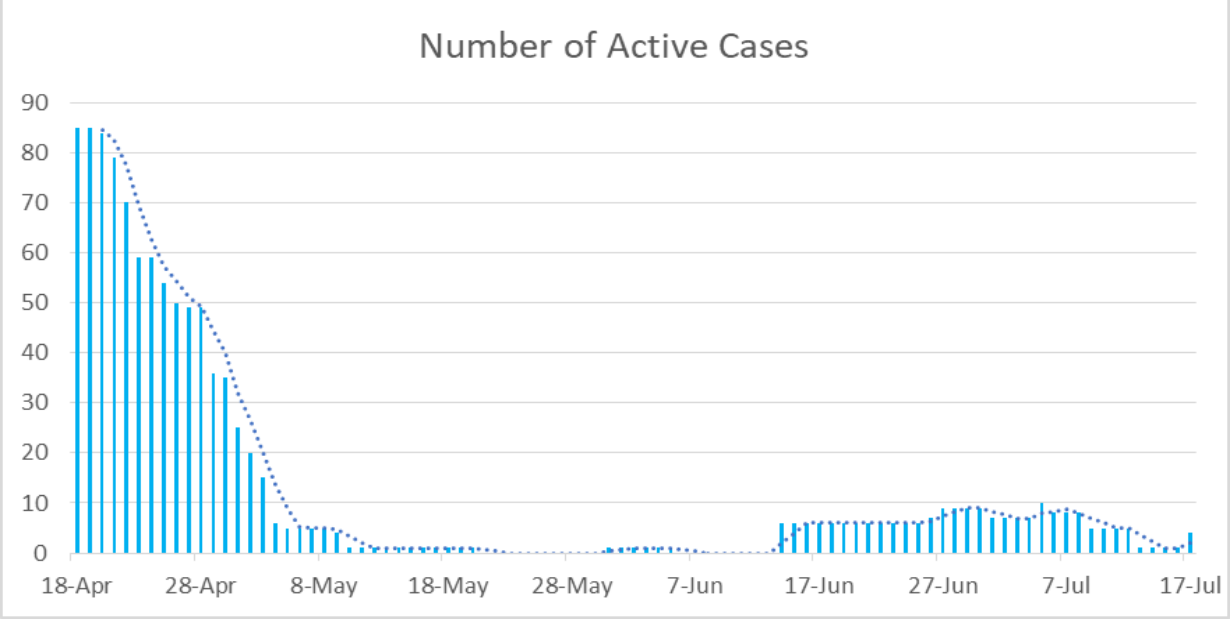


CHART 5L: NUMBER OF TESTS CONDUCTED - TRINIDAD AND TOBAGO
18 APRIL - 17 JULY 2020

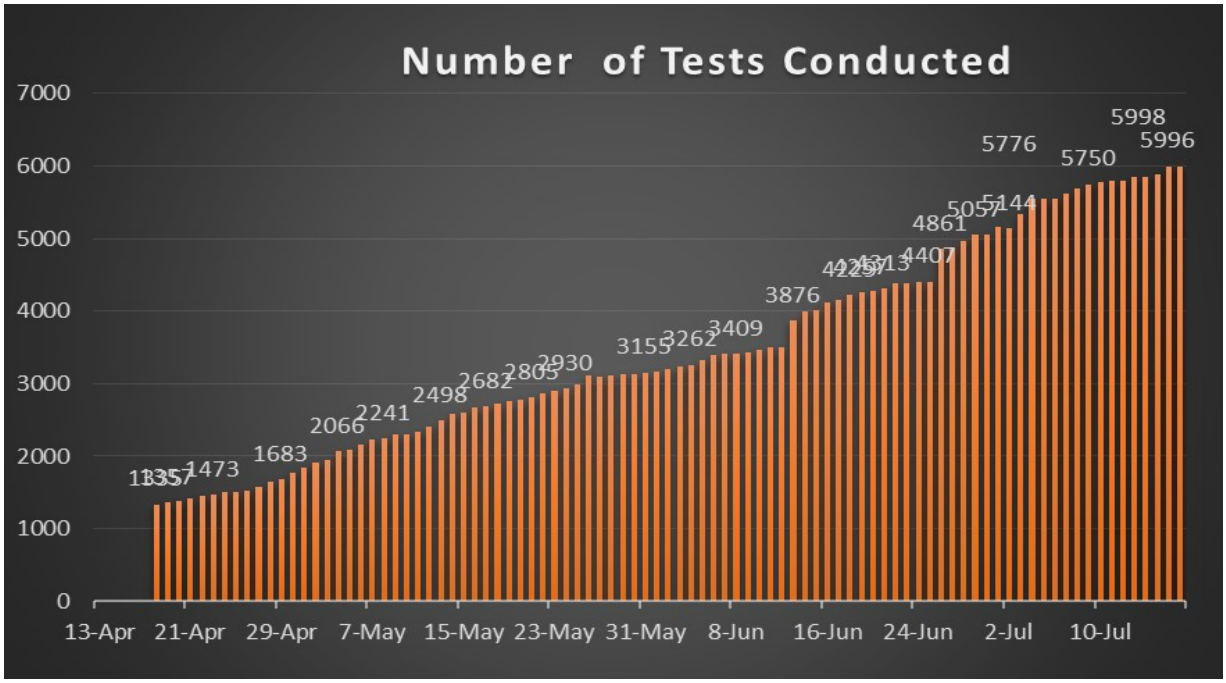


CHART 5M: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - TRINIDAD AND TOBAGO
18 APRIL - 17 JULY 2020

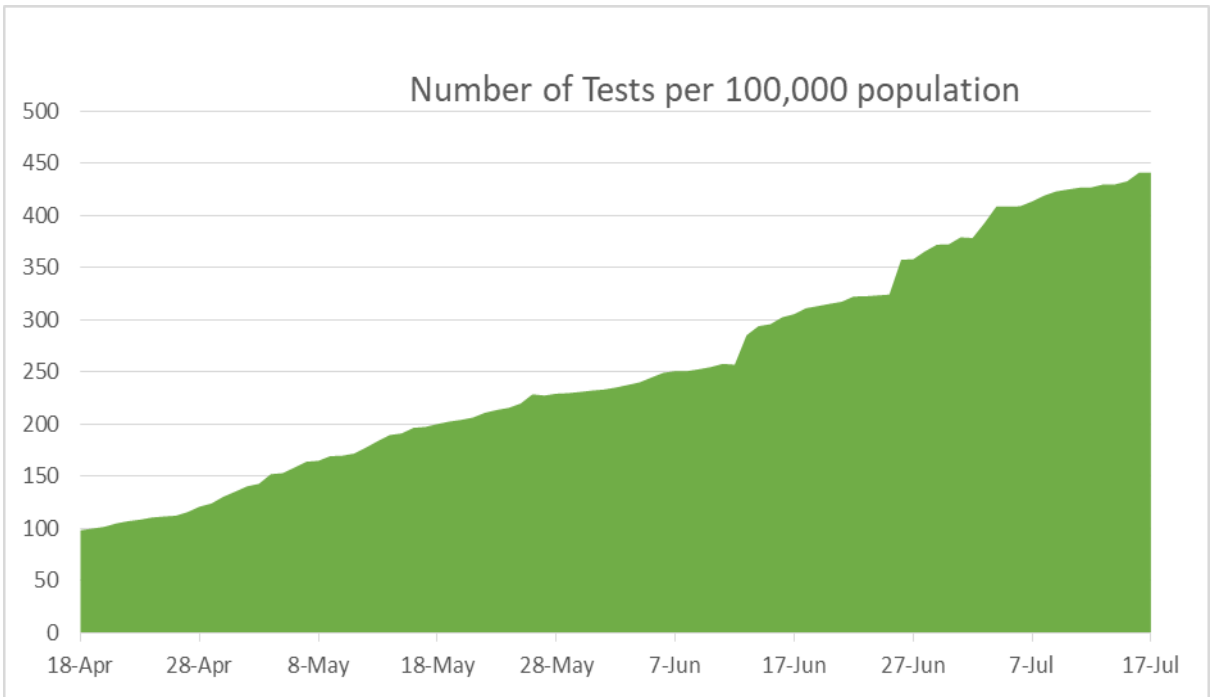


CHART 5N: NUMBER OF RECOVERIES - BERMUDA
18 APRIL - 17 JULY 2020

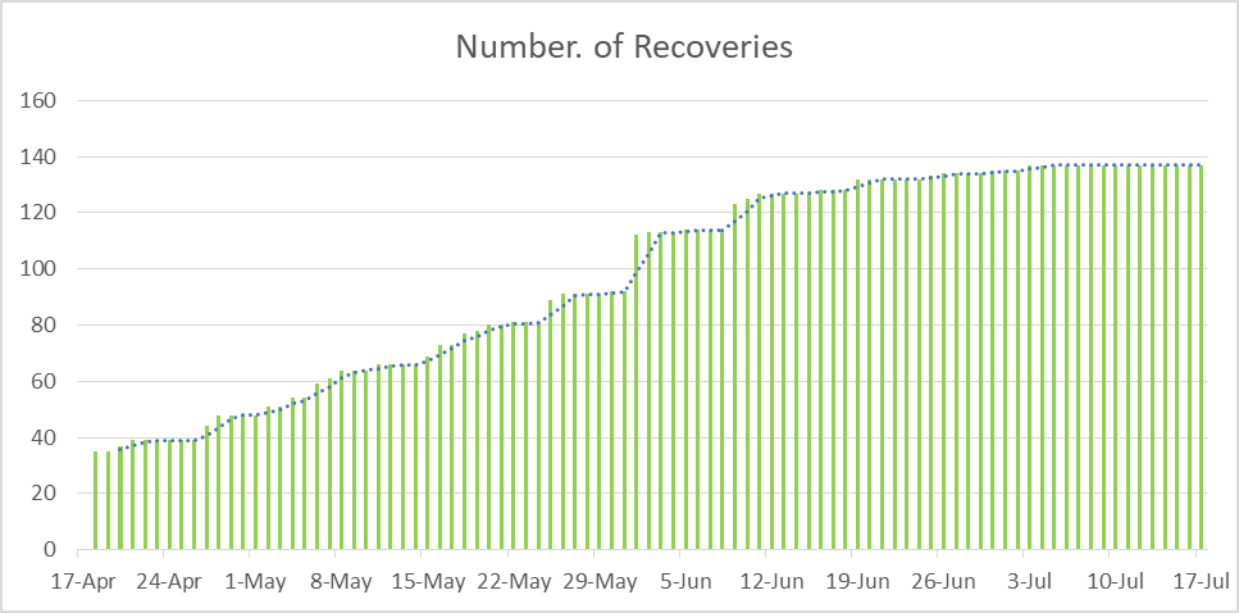


CHART 5O: NUMBER OF ACTIVE CASES - BERMUDA
18 APRIL - 17 JULY 2020

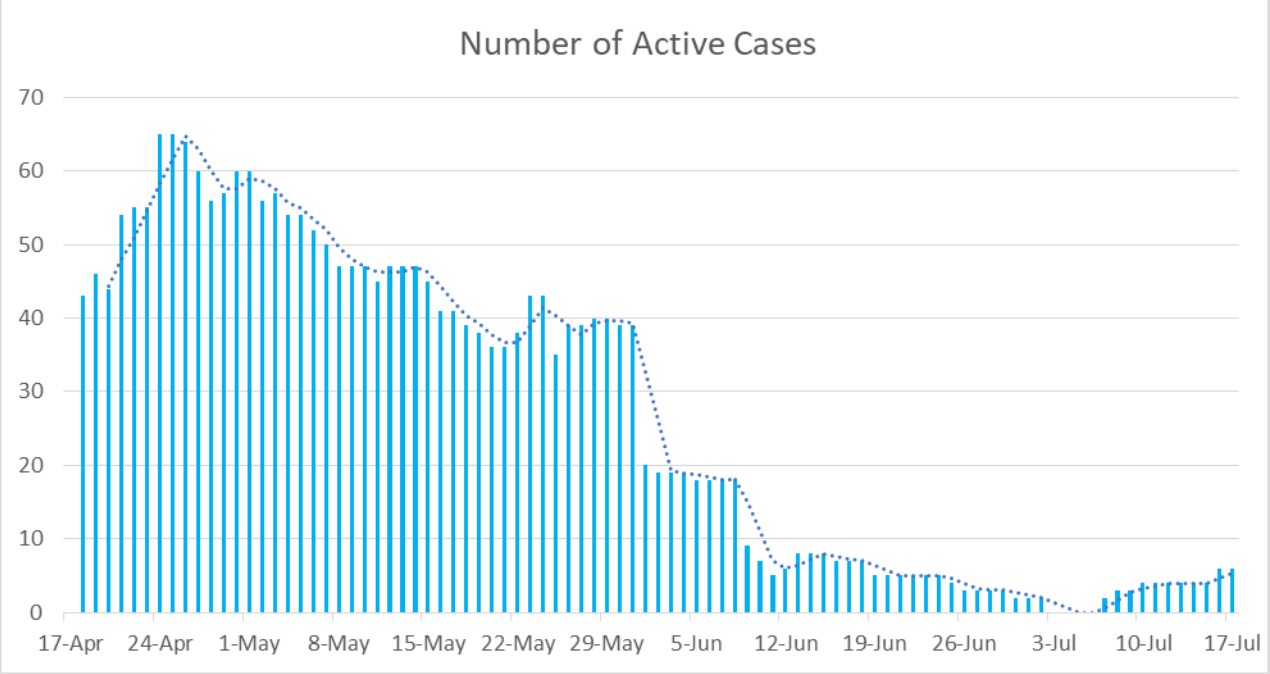


CHART 5P: NUMBER OF TESTS CONDUCTED - BERMUDA
18 APRIL - 17 JULY 2020

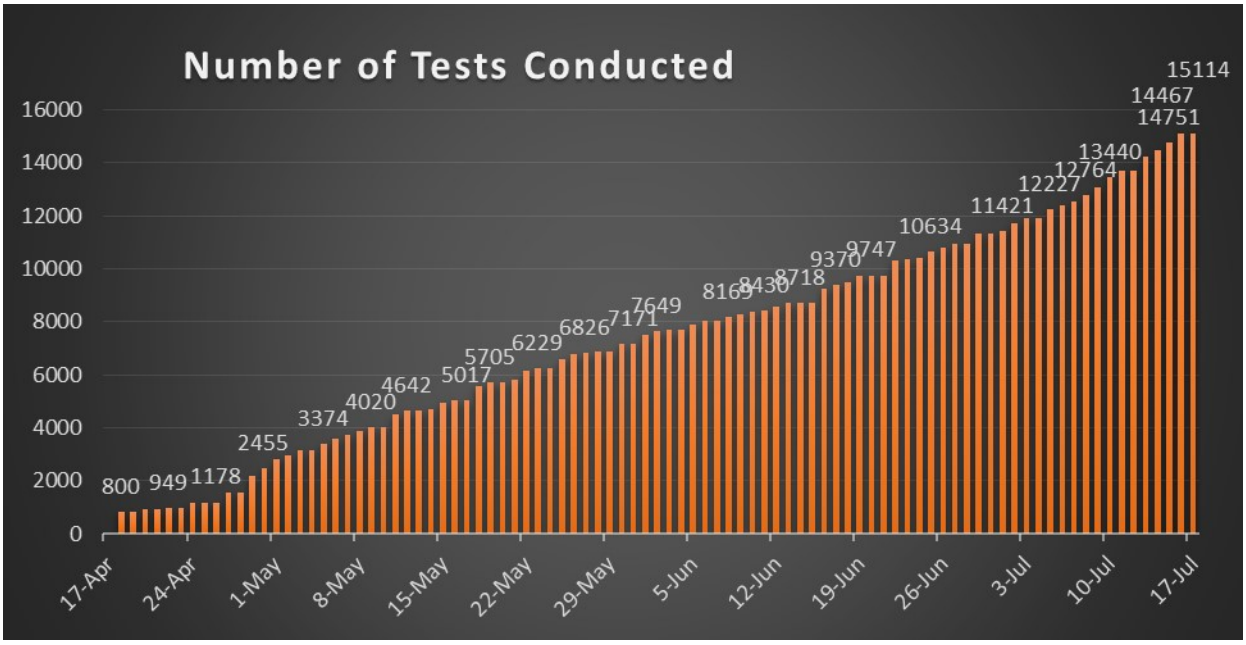


CHART 5Q: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - BERMUDA
18 APRIL - 17 JULY 2020

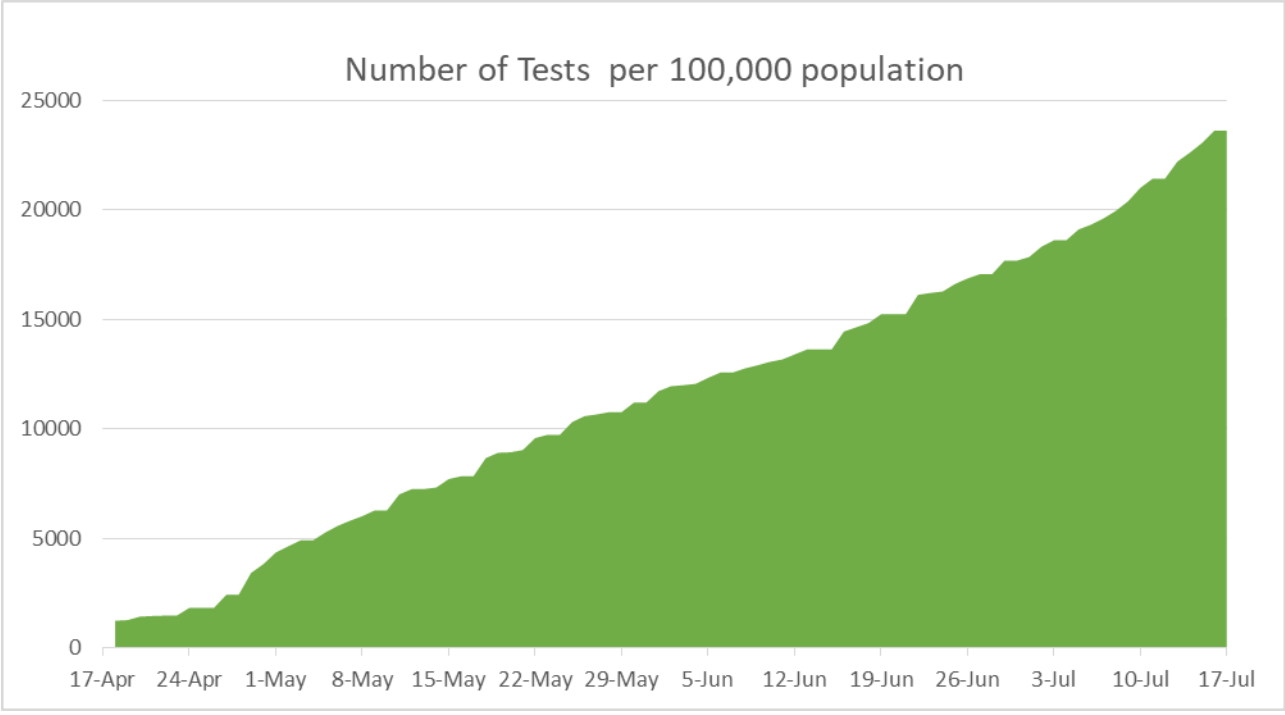


TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 17 JULY 2020

Country	Imported Transmission	Local Transmission	Community Transmission	Under Investigation
Trinidad and Tobago	104[e]	24	1	7
Guyana	4[e]	316[e]	0	0
Bermuda	48	85	18	1
Jamaica	247	475	44	2
St. Vincent and the Grenadines	29	6	-	-
Belize	15	25	-	-
Antigua and Barbuda	55	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 17 JULY 2020

Country			Not Stated
Haiti	4120	2828	
Jamaica	337	431	
Guyana	166[e]	154[e]	
Cayman Islands	106	97	
Bermuda	65	87	
Trinidad and Tobago	46	63	27
Barbados	46	58	
Belize	19	21	

CHART 6: ANTIGUA AND BARBUDA

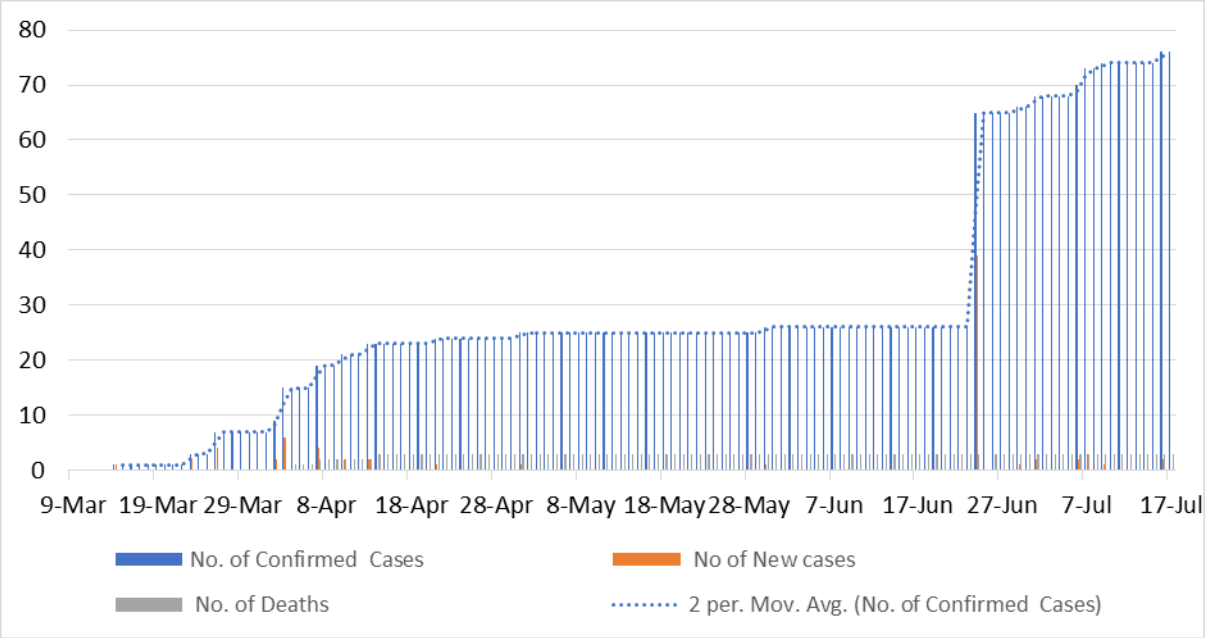
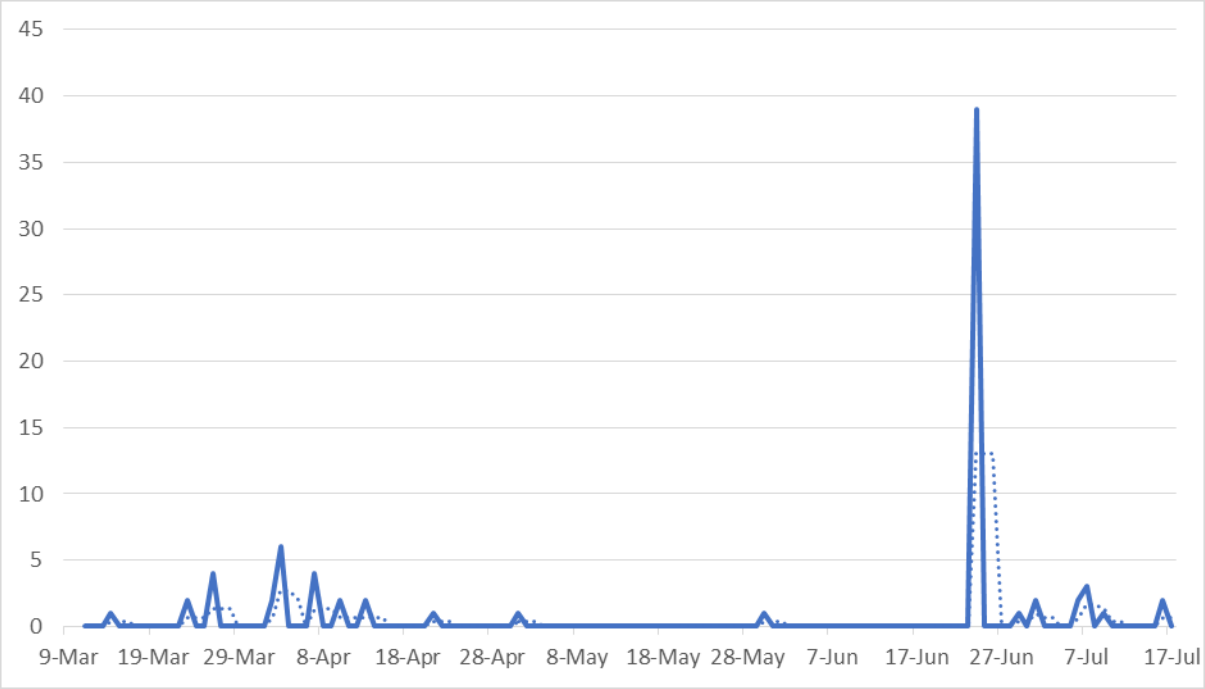


CHART 6A: ANTIGUA AND BARBUDA



Note: Antigua and Barbuda had **2 new cases** during **11-17 July**, as compared to **6 new cases** during **4-10 July**. The total number of cases stood at **76 as at 17 July** , with **16 active cases**.

CHART 7: THE BAHAMAS

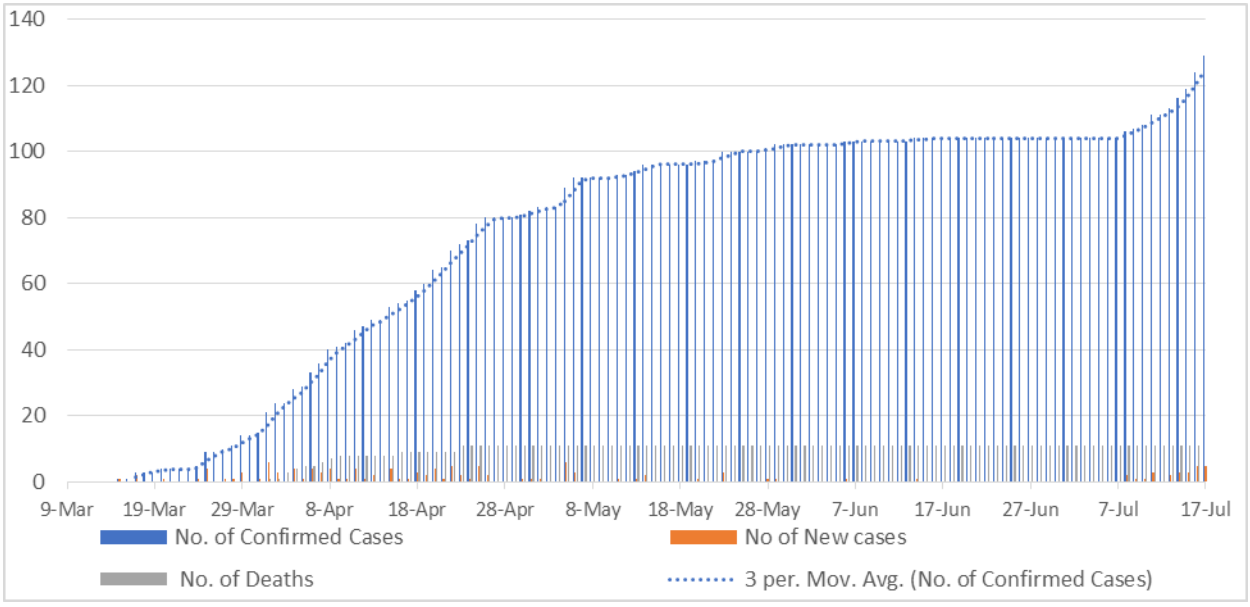
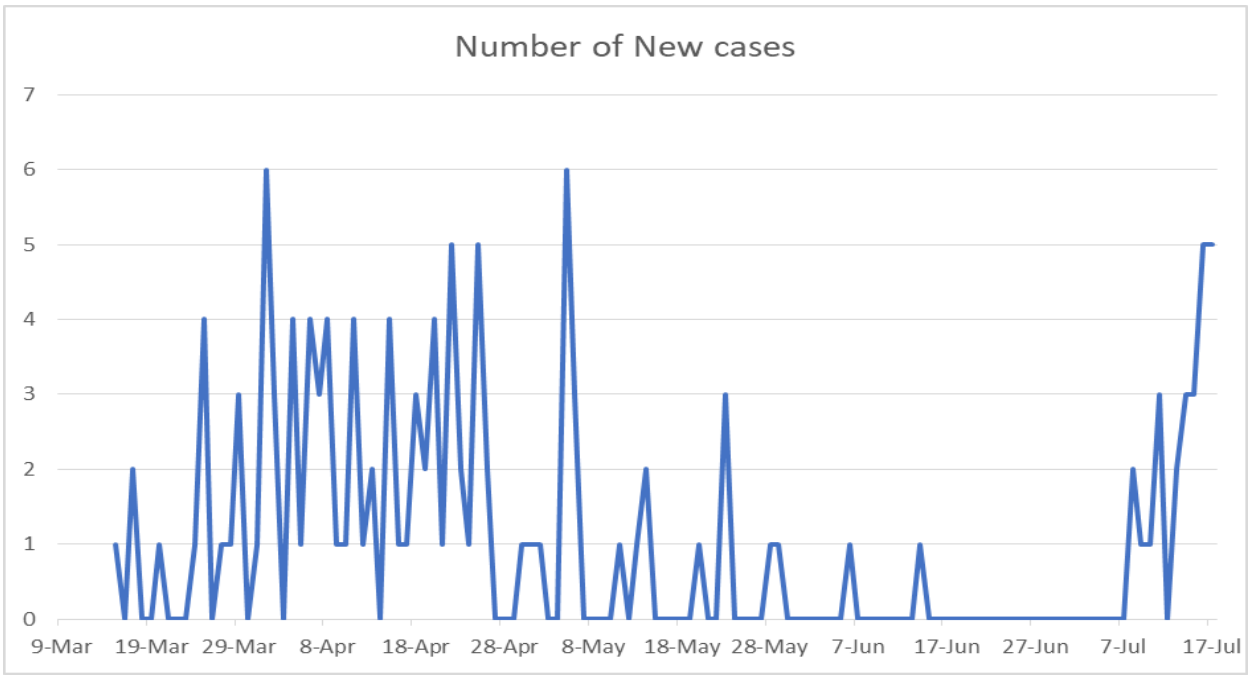


CHART 7A: THE BAHAMAS



Note: The Bahamas had **21 new cases** during **11-17 July** as compared to **4 new cases** during **4-10 July.** The number of confirmed cases increased to **129** as at **17 July,** with **25 active cases** as compared to **8** the previous reporting period.

CHART 7B: THE BAHAMAS

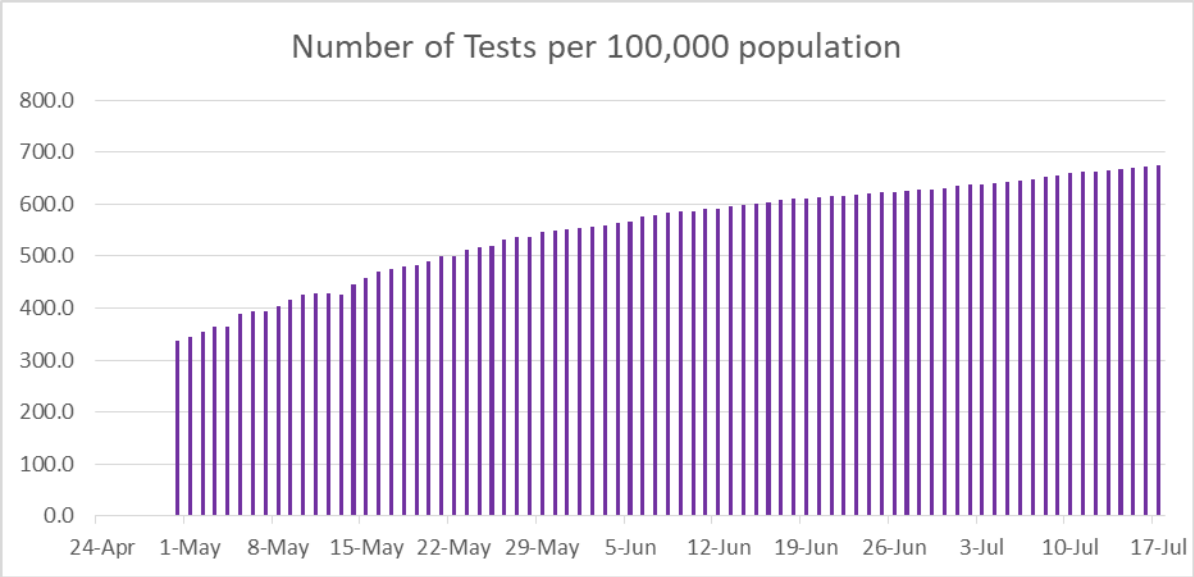


CHART 8: BARBADOS

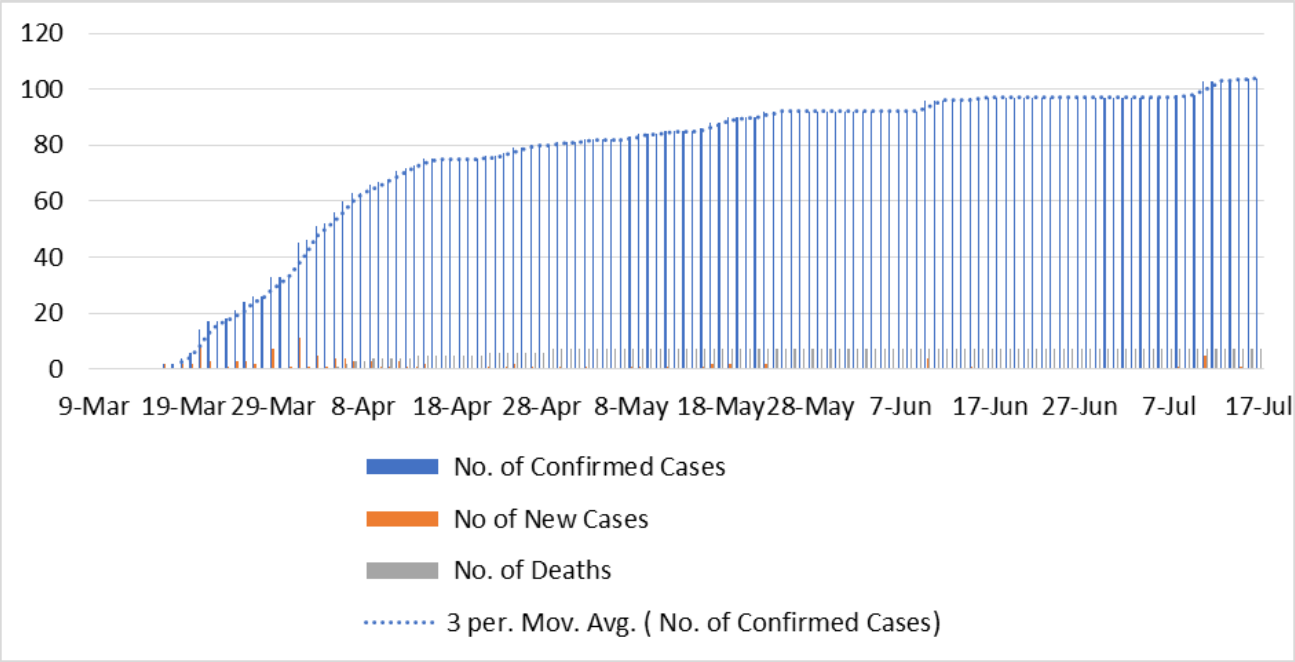
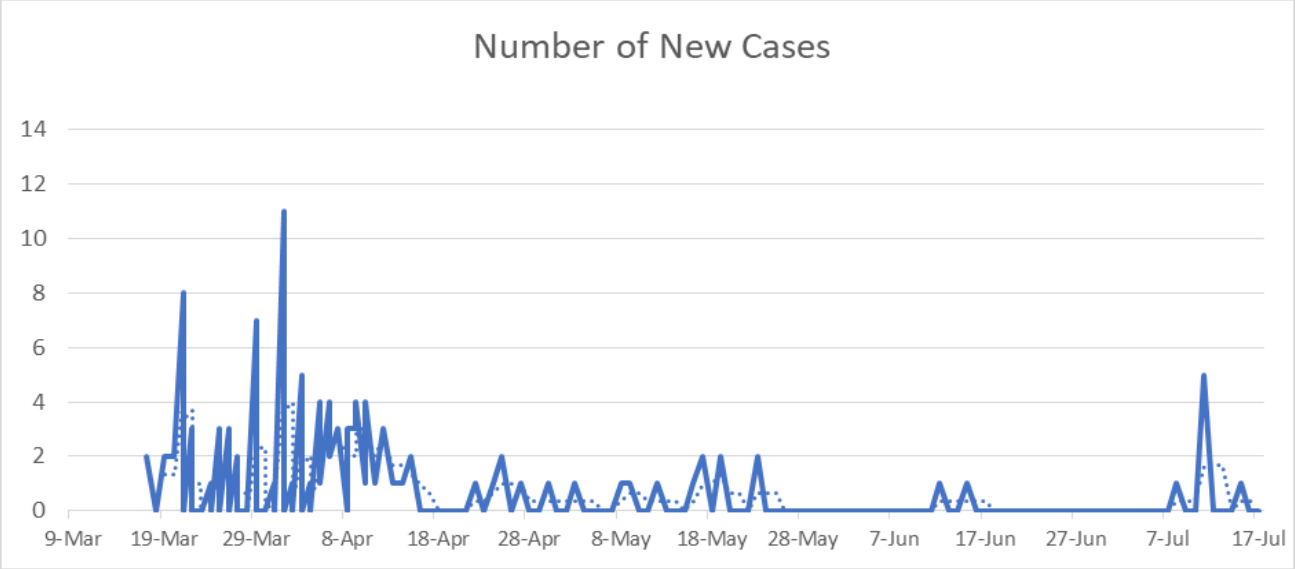


CHART 8A: BARBADOS



Note: Barbados had **6 new cases** during **11-17 July**, mainly due to returning nationals, There was **one new case** during the period **4-10 July** after having **no new cases** during the previous two reporting periods. The number of confirmed cases stood at **104**. Barbados now has **6** active case as at **17 July** after having **one** active case as at **10 July** and no active cases during the period **26 June -7 July.**

CHART 9: BELIZE

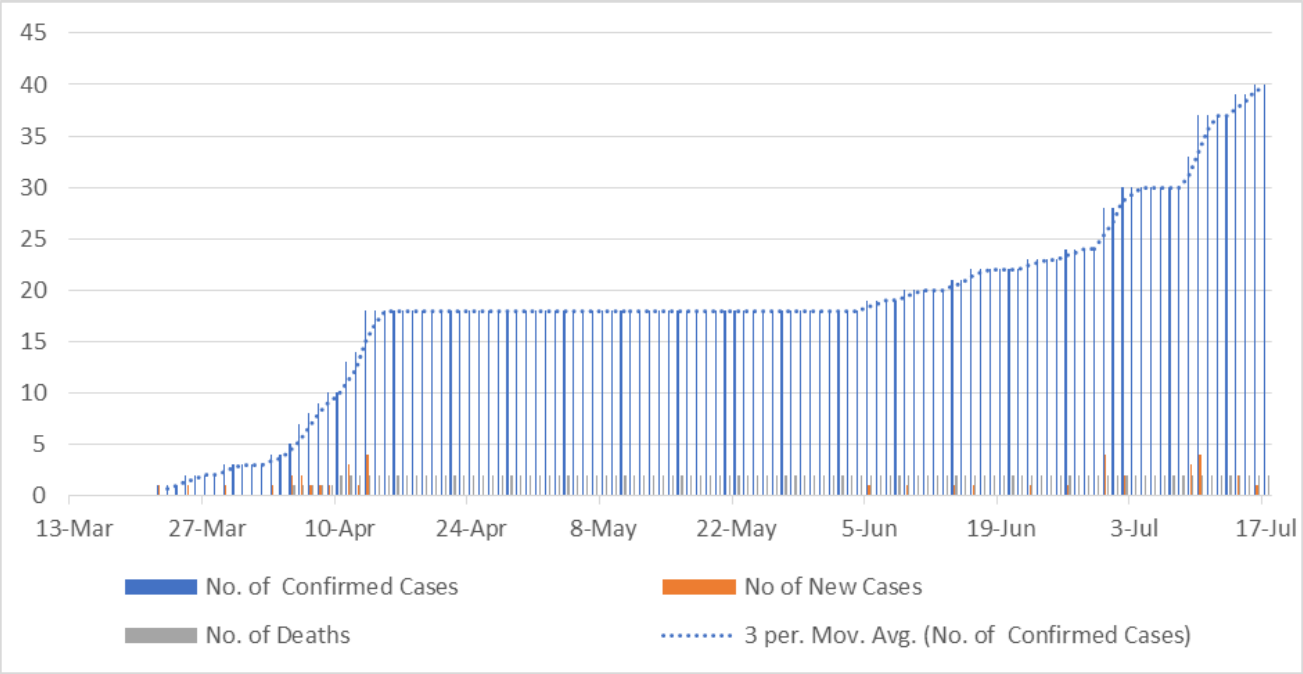
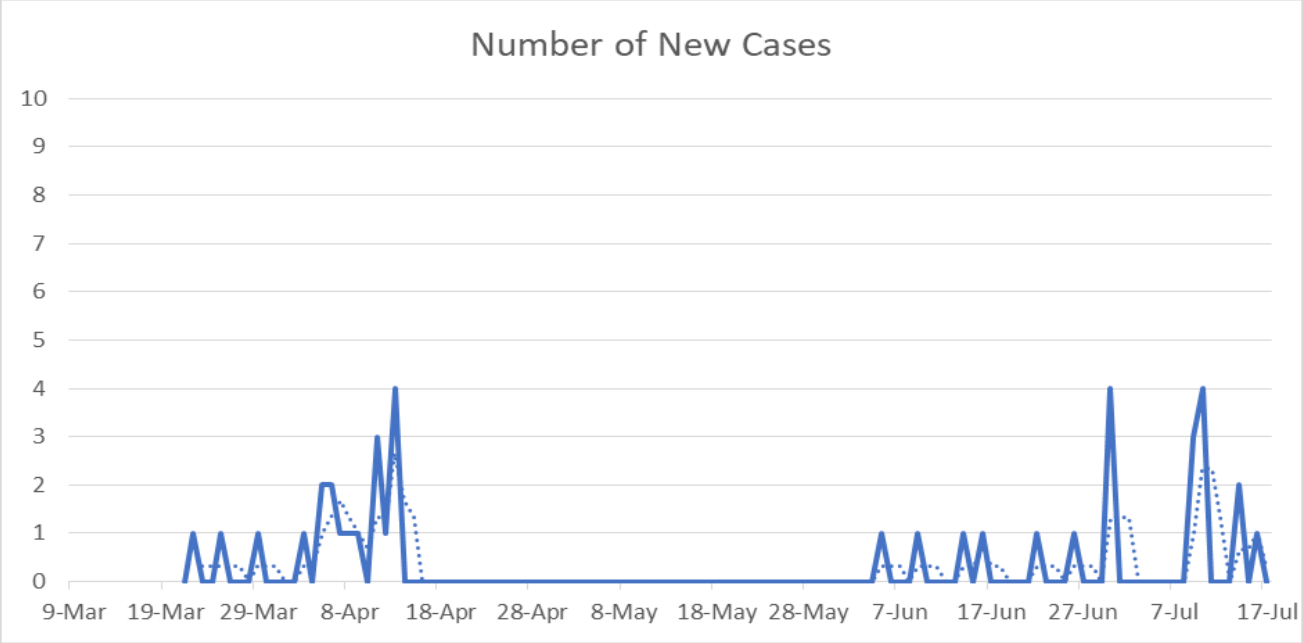


CHART 9A: BELIZE



Note: Belize had **3 new cases** during `**11-17 July** as compared to **7 new cases** during **4-10 July.** The number of cases stood at **40** as at **17 July,** with **16** active cases.

CHART 10: DOMINICA

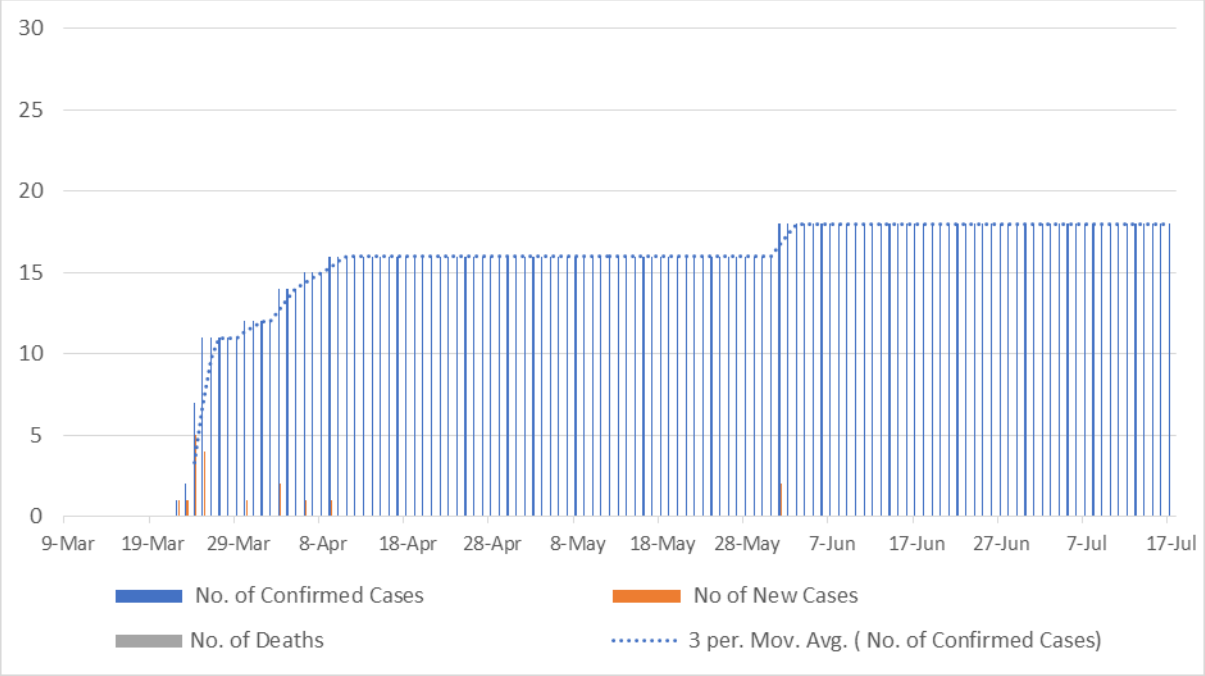
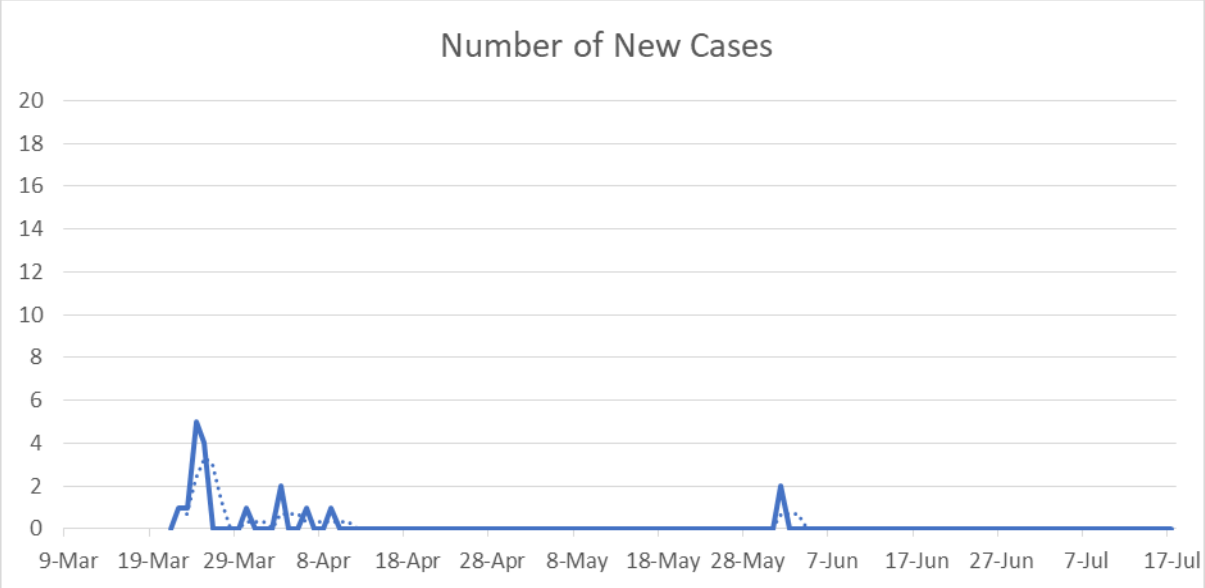


CHART 10A: DOMINICA



Note: Dominica had no new cases of COVID-19 during the current reporting period **11 -17 July**. The last new case/ cases occurred on **1 June, a period of 46 days** up to **17 July**. The number of cases stood at **18** as at **17 July**. Dominica has been at no active cases since **13 June.**

CHART 11: GRENADA

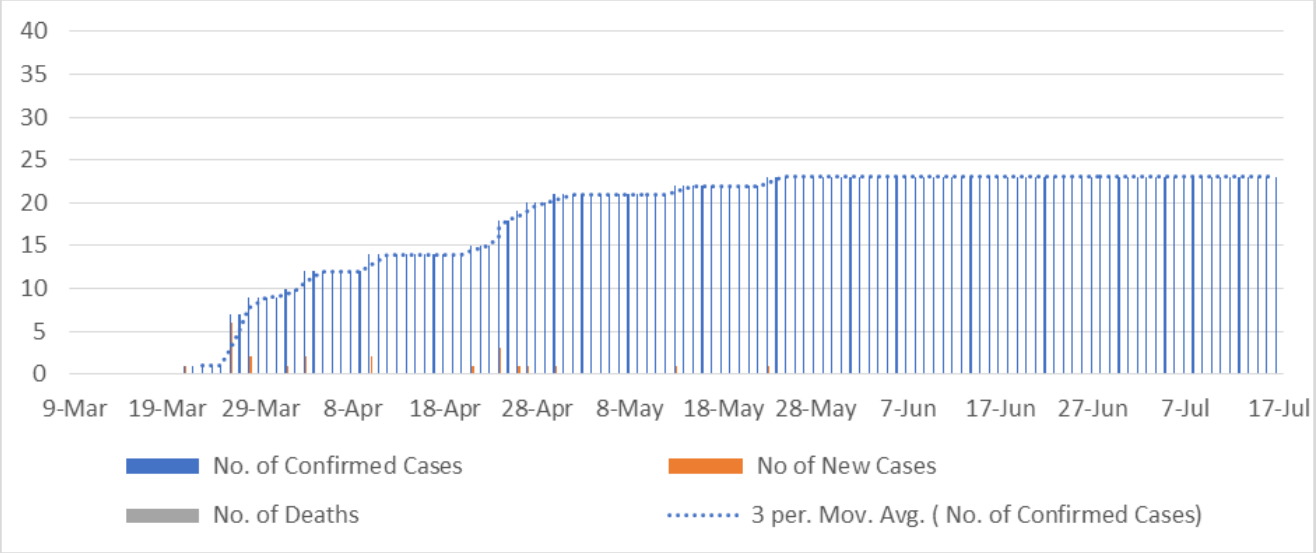
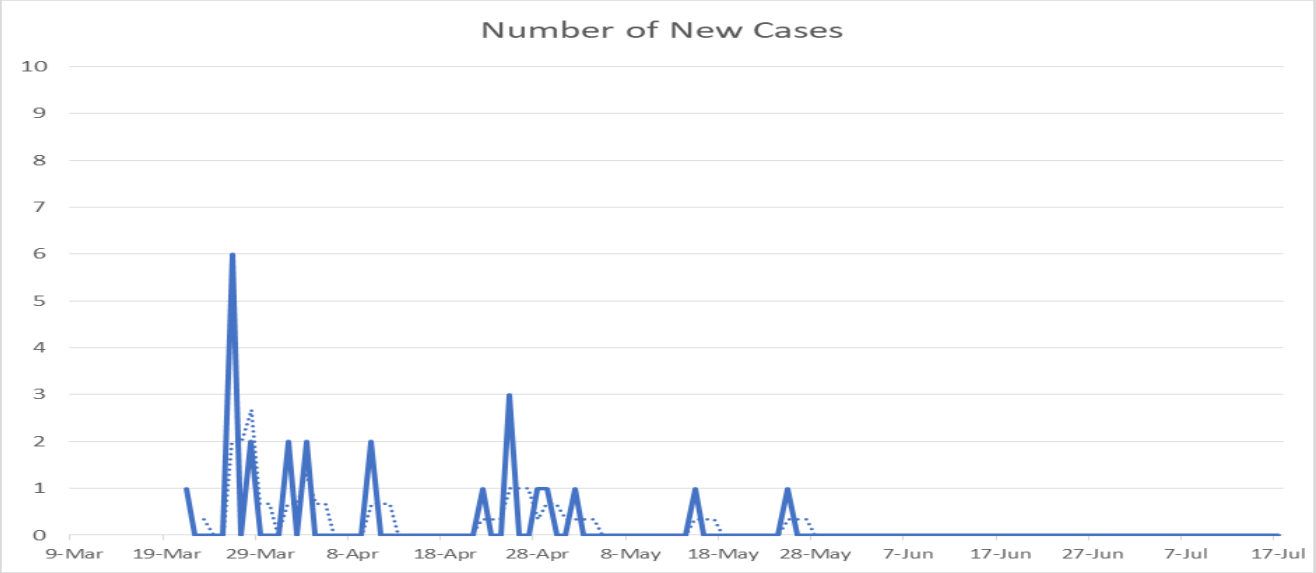


CHART 11A: GRENADA



Note: There were **no new cases** in Grenada during **11-17 July** similar to the past three reporting periods. The last new case occurred on **25 May,** a period of **53 days** up to **July 17.** The number of cases stood at **23** as at **10 July**. Grenada had no active cases since **18 June**. There were three Trinidad and Tobago nationals that tested positive when they returned from Grenada to Trinidad and Tobago during the last reporting period.

CHART 12: GUYANA

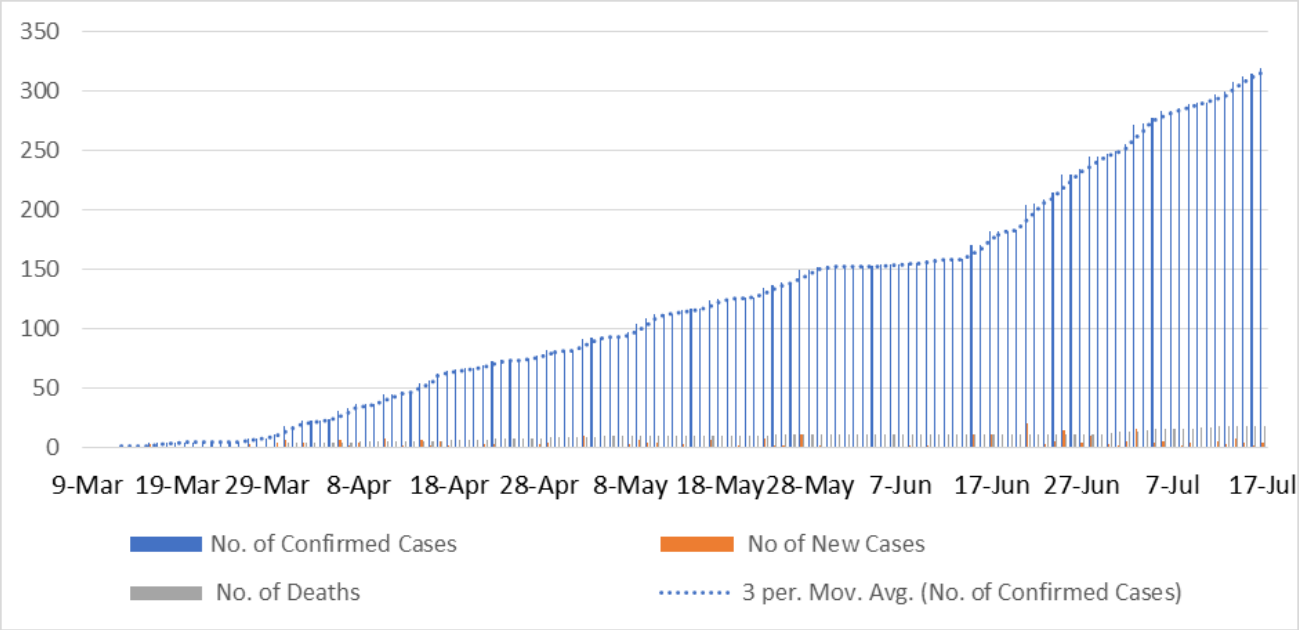
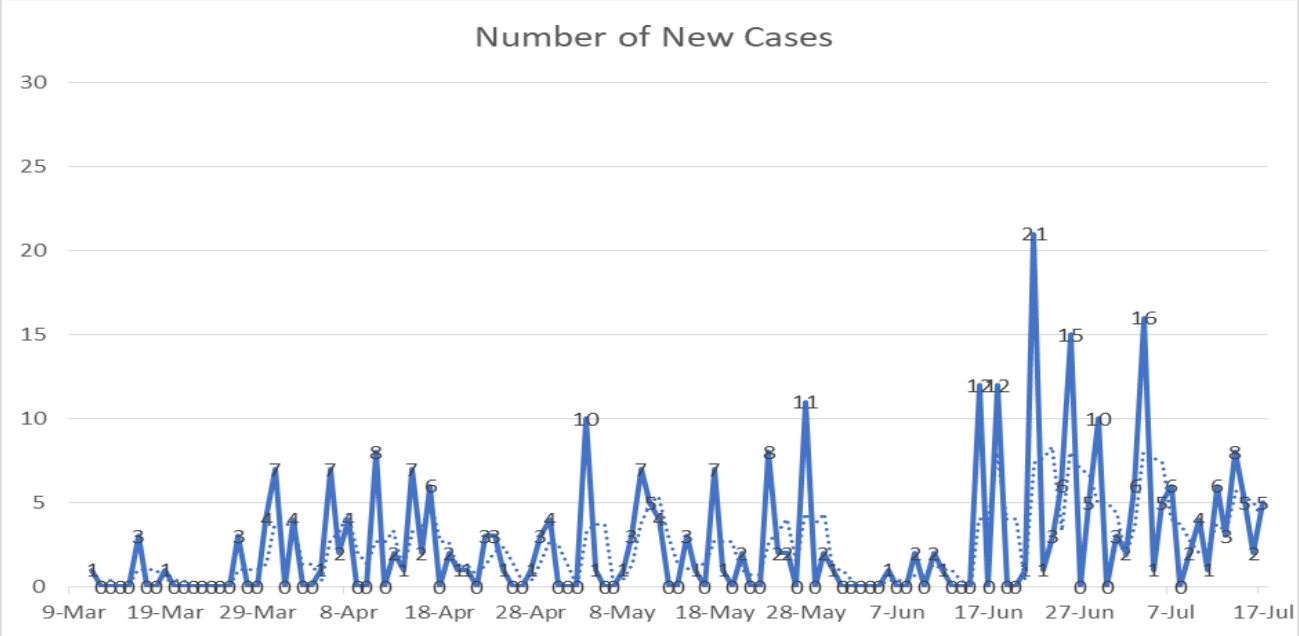


CHART 12A: GUYANA



Note: In Guyana, there were **30 new cases** during **11-17 July** as compared to **34 new cases** during **4-10 July** and **26 new cases** during **27 Jun -3 July.** The number of confirmed cases for Guyana increased to **320** as at **17 July**.

CHART 12B: GUYANA

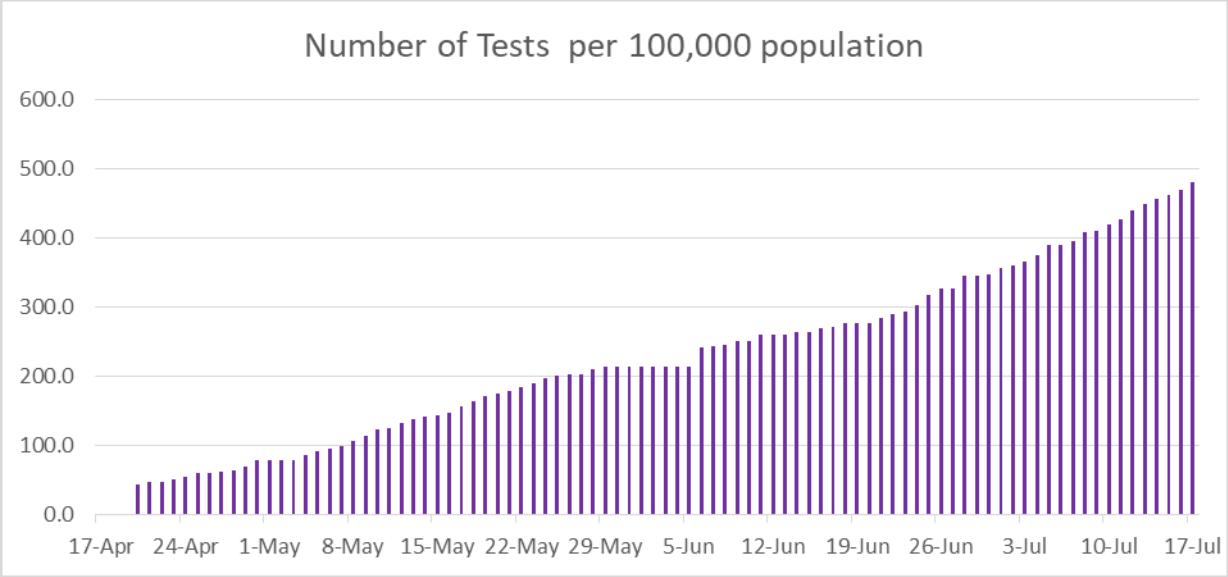


CHART 13: HAITI

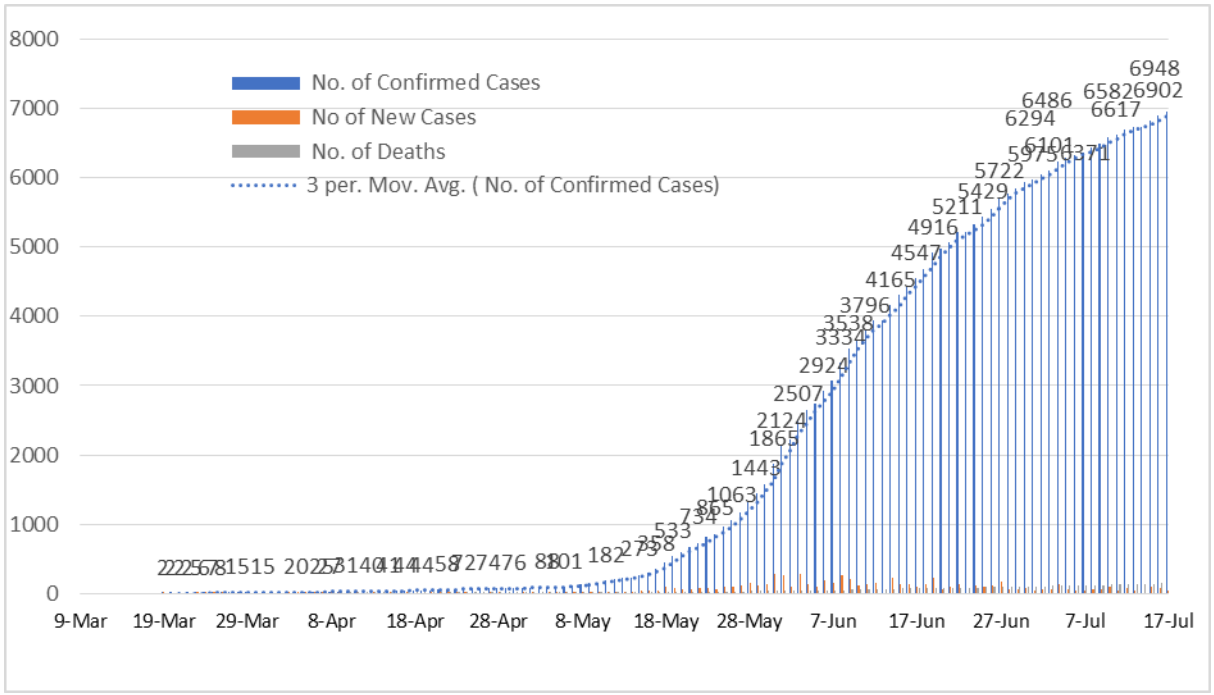
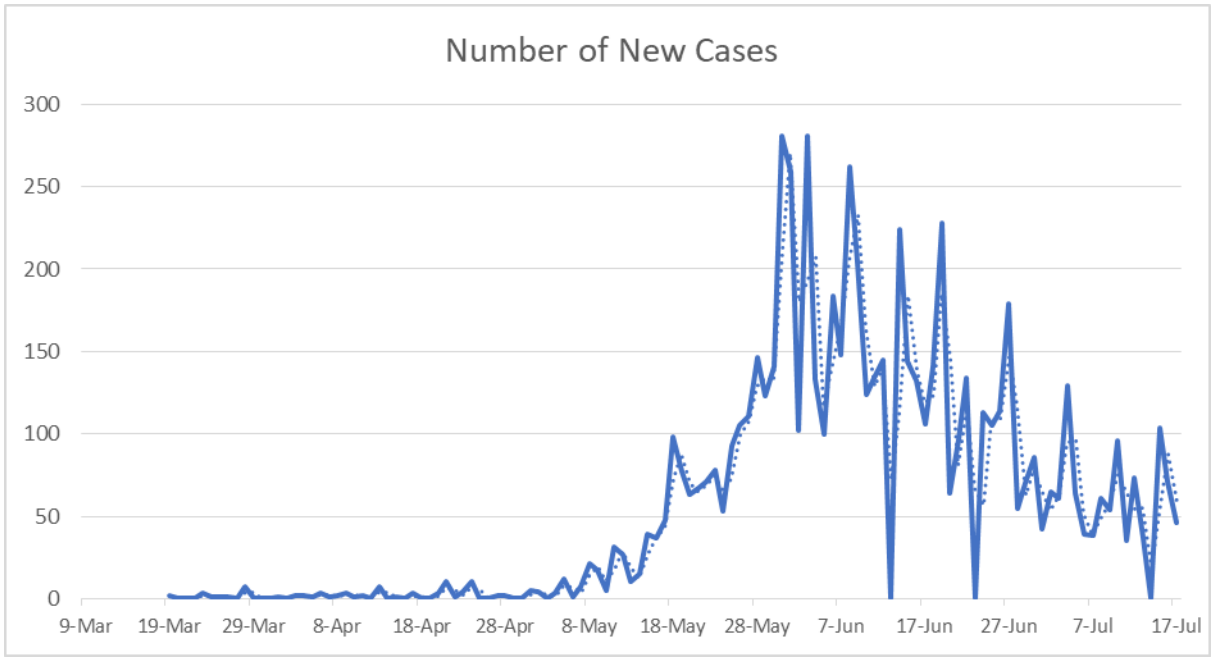


CHART 13A: HAITI



Note: There were **366 new cases** in Haiti during **11-17 July** as compared to **481 new cases** during, **4-10 July, 627** new cases during **20-26** June, **975** new cases during **13-19 June** and **1201** new cases during **6-12 June**. The **366 new cases** represented a reduction of **115** new cases from the last reporting period**.** The total number of cases for Haiti stood at **6948** as at **17 July**. The **general decreasing trend** in the number of new cases from about **13 June** continues to the current reporting period.

CHART 13B: HAITI

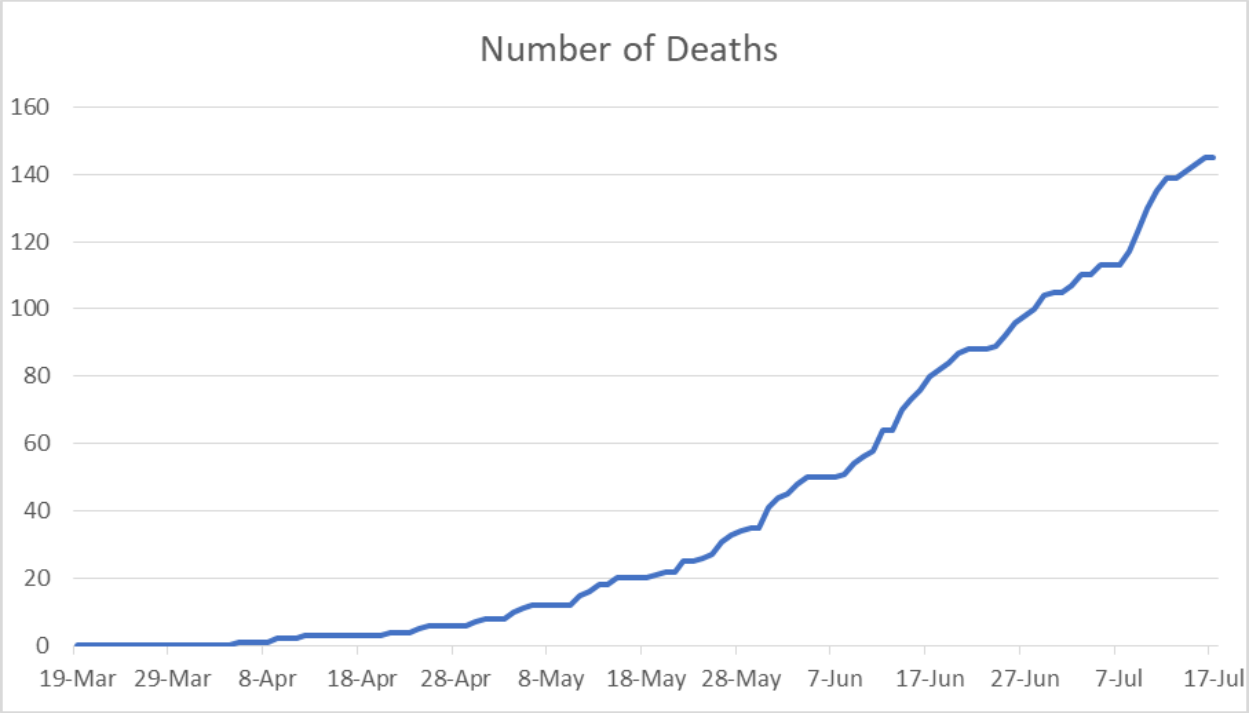


CHART 13C: HAITI

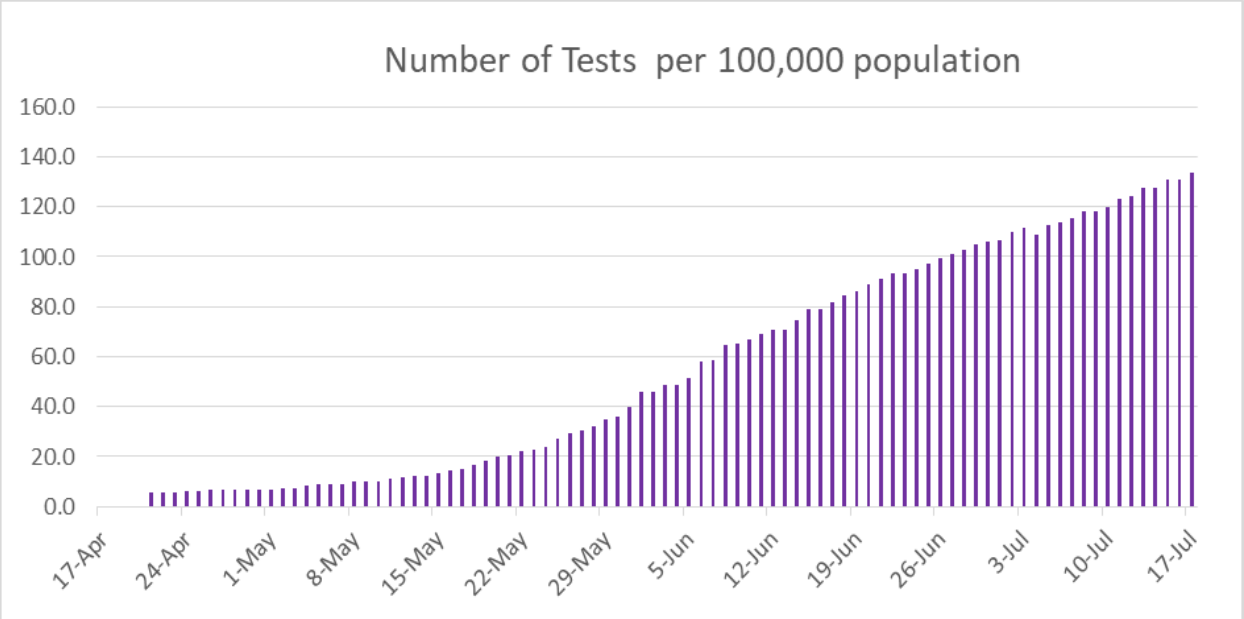


CHART 14: JAMAICA

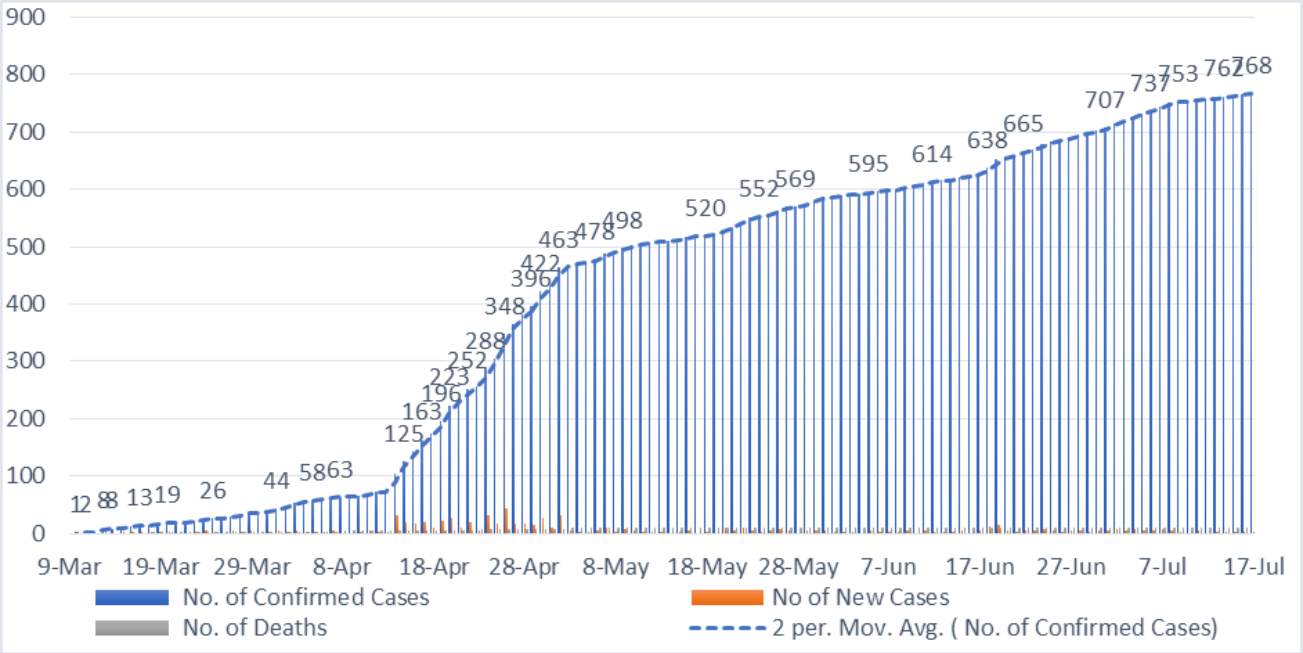
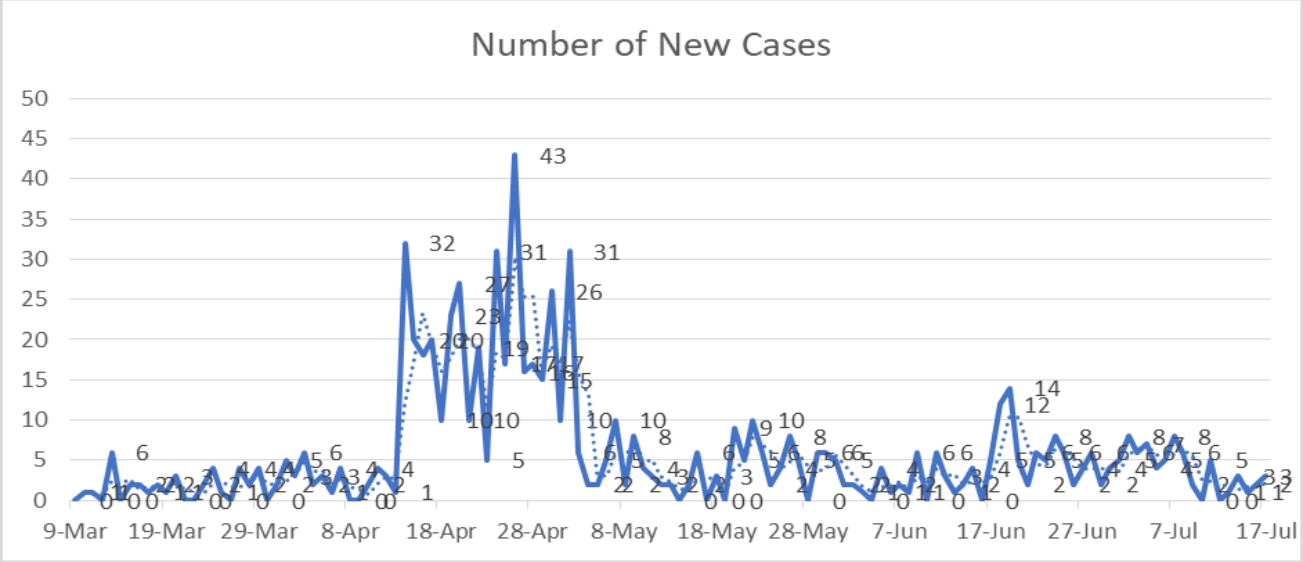


CHART 14A: JAMAICA



Note: Jamaica had **15 new cases** during the period **11-17 July** as compared to **34 new cases** during **4-10 July**, **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 **768** as at **17 July**. Jamaica has exhibited a significant number of recoveries and also some repatriation of cases to other countries, The number of active cases in Jamaica is **56** as at **17 July**.

CHART 15: MONTSERRAT

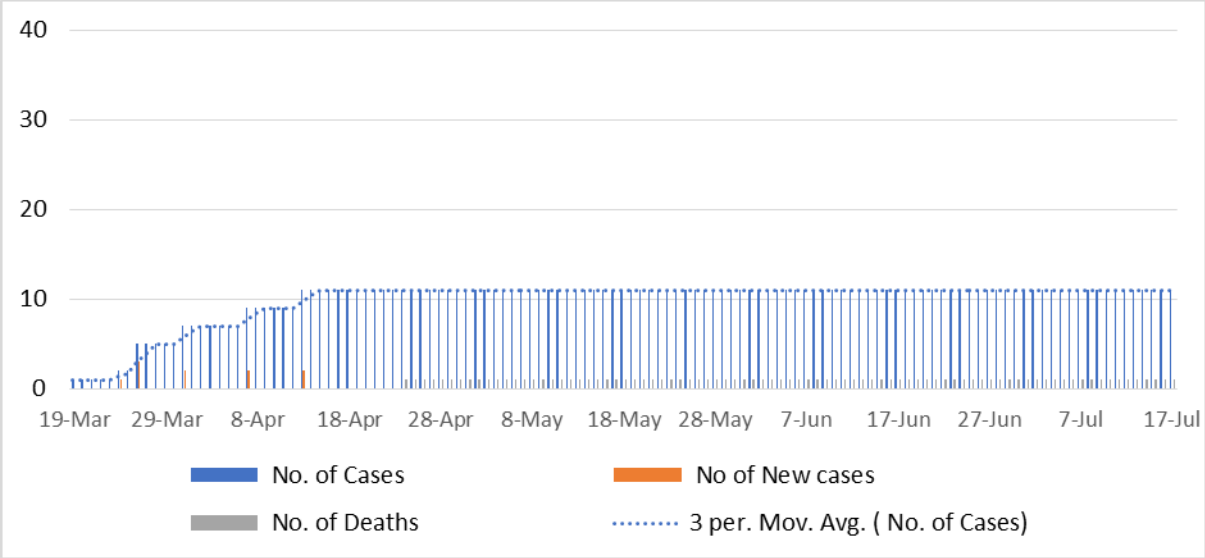
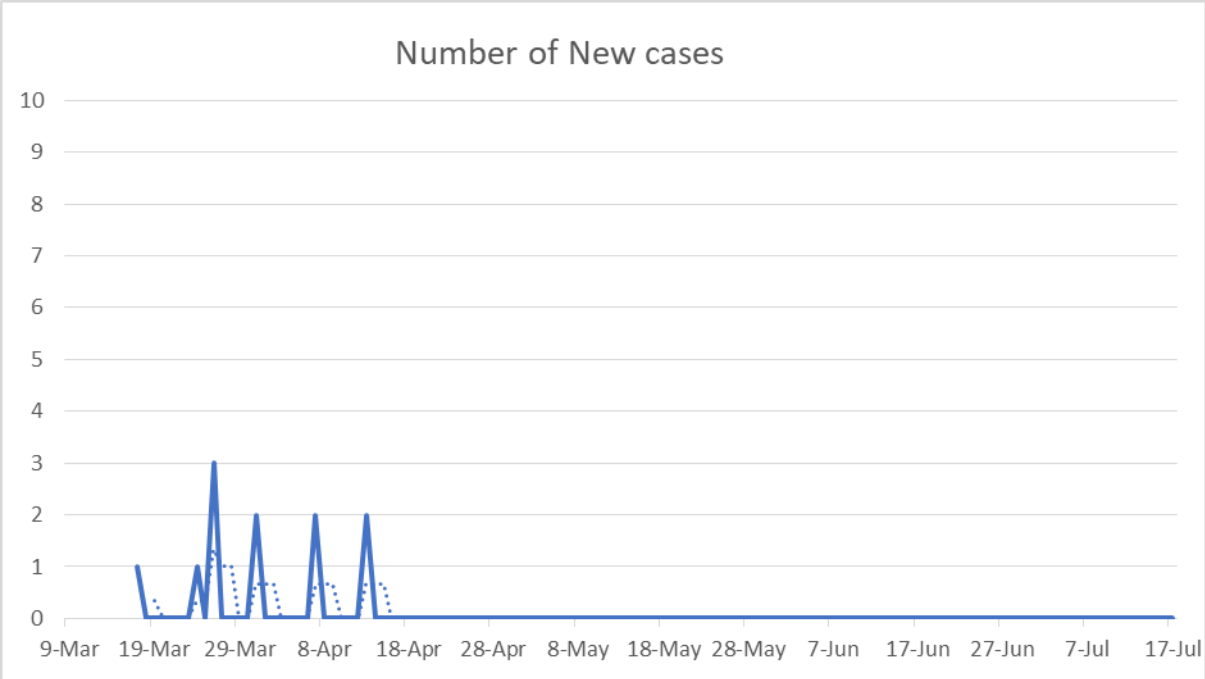


CHART 15A: MONTSERRAT



Note: There were **no new cases** in Montserrat since **13 April**, a period of **95 days up to 17 July**.

CHART 16: SAINT LUCIA

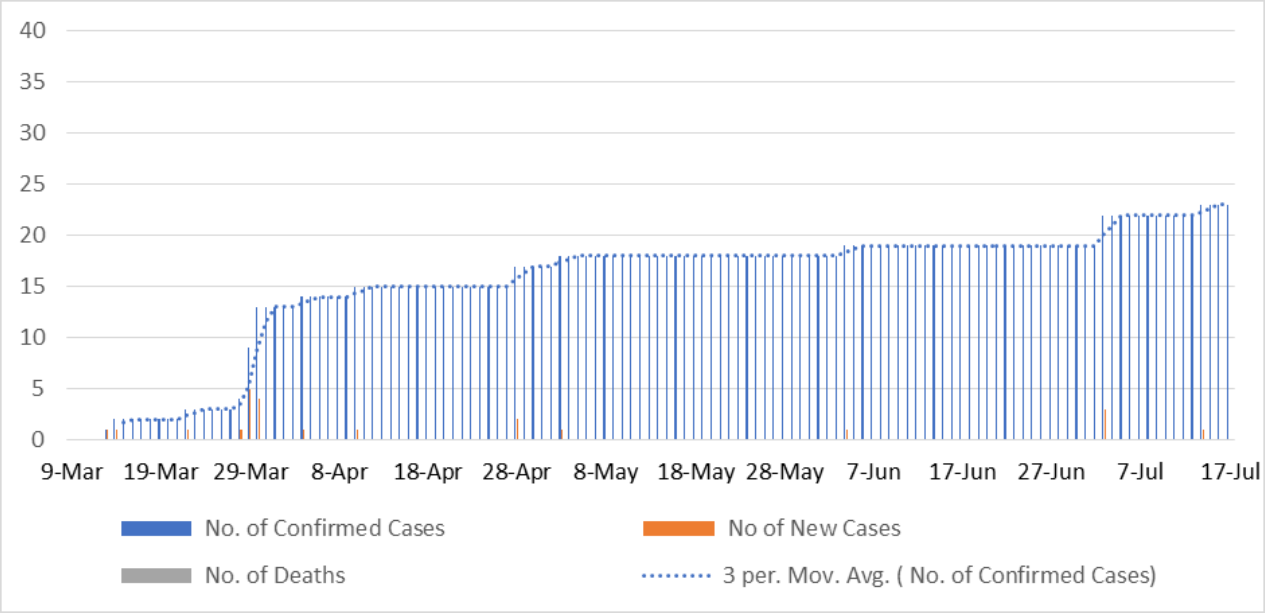
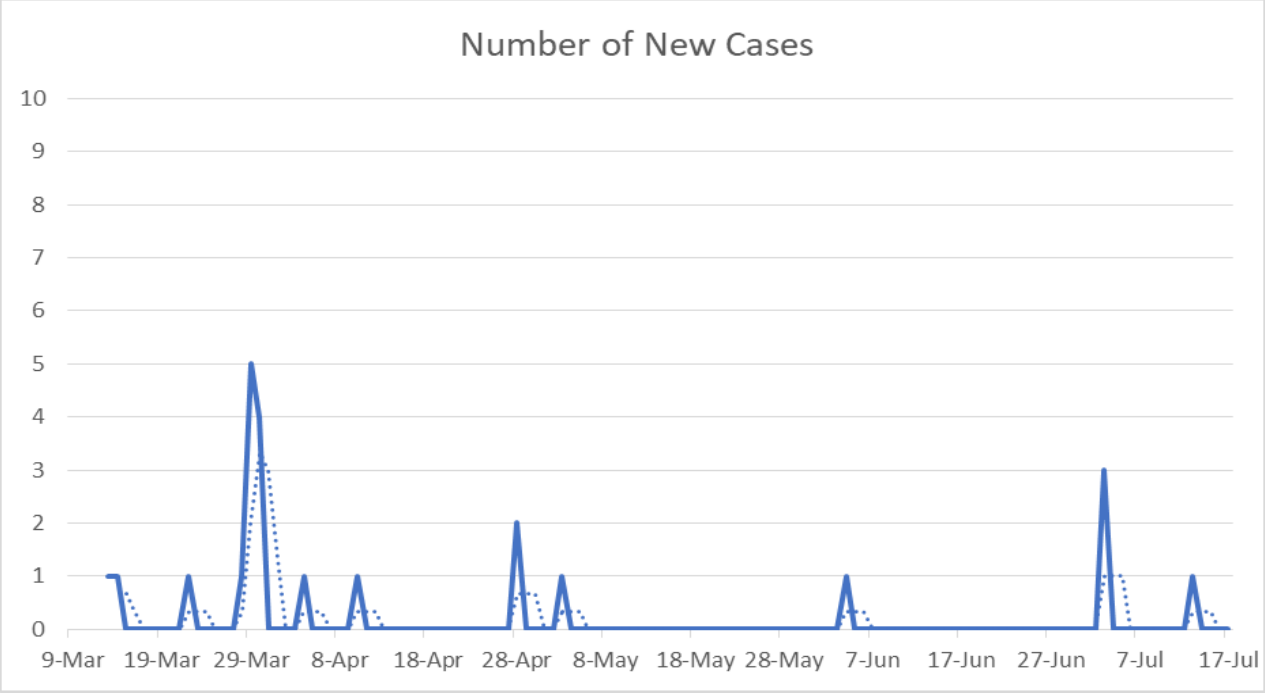


CHART 16A: SAINT LUCIA



Note: There was **one new case** in Saint Lucia during **11-17 July** as compared to **no new cases** during **4-10 July**. The number of cases stood at **23** as at **17 July**.

CHART 16B: SAINT LUCIA

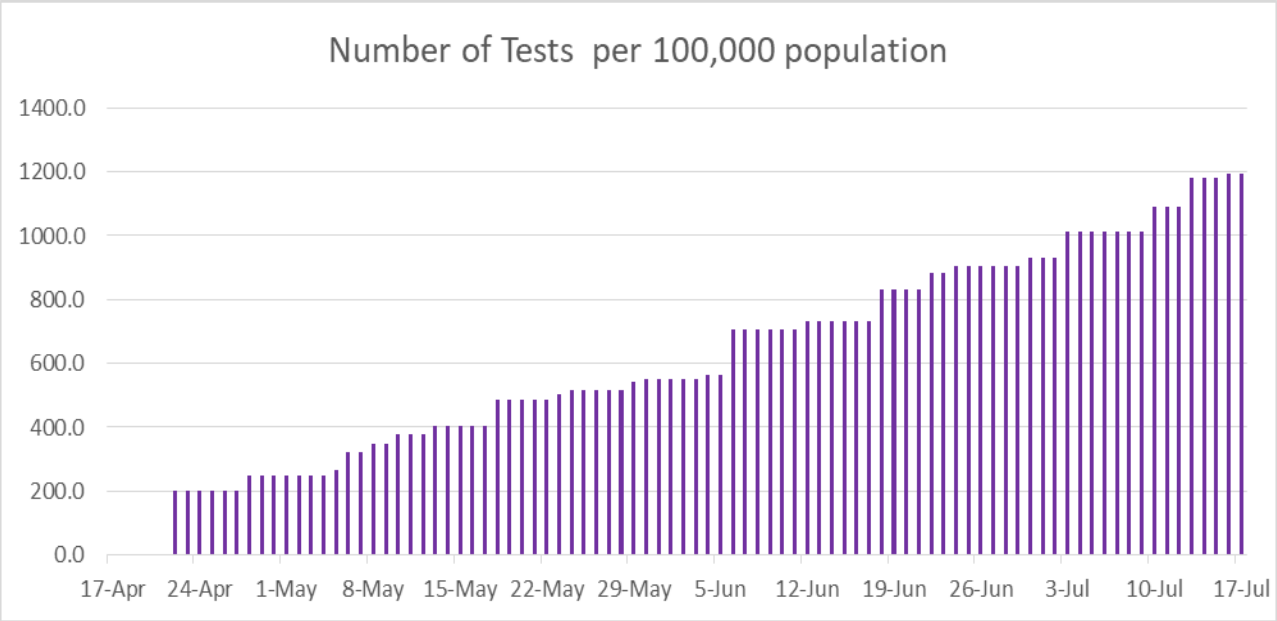


CHART 17: ST. KITTS AND NEVIS

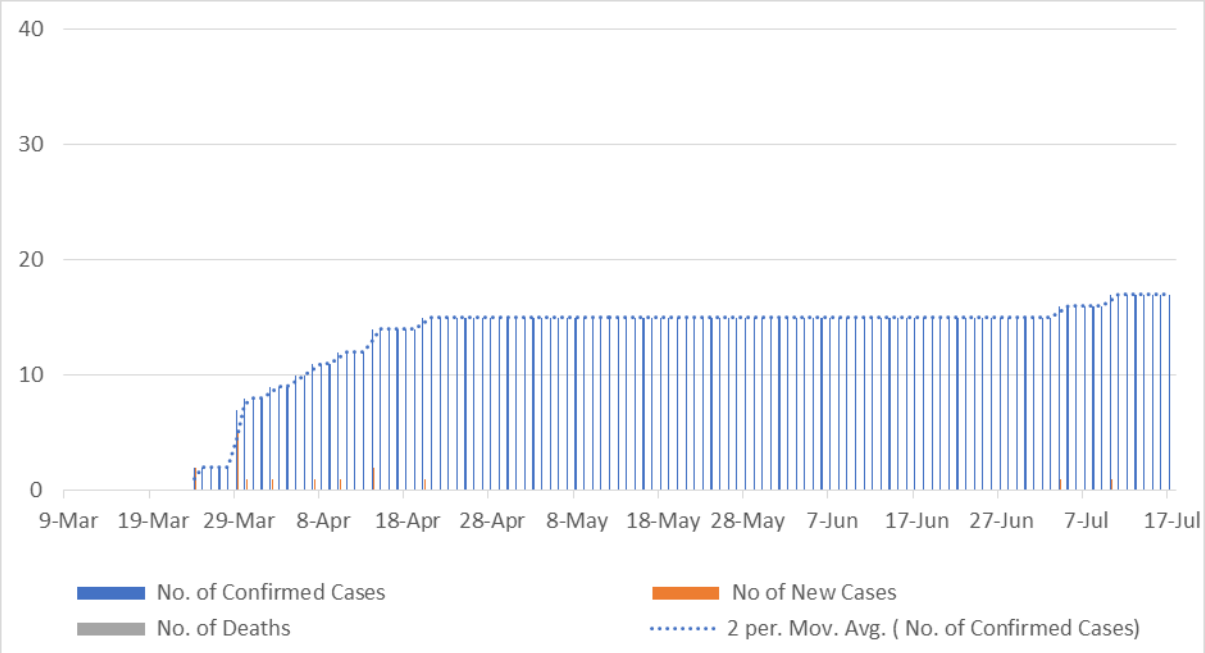
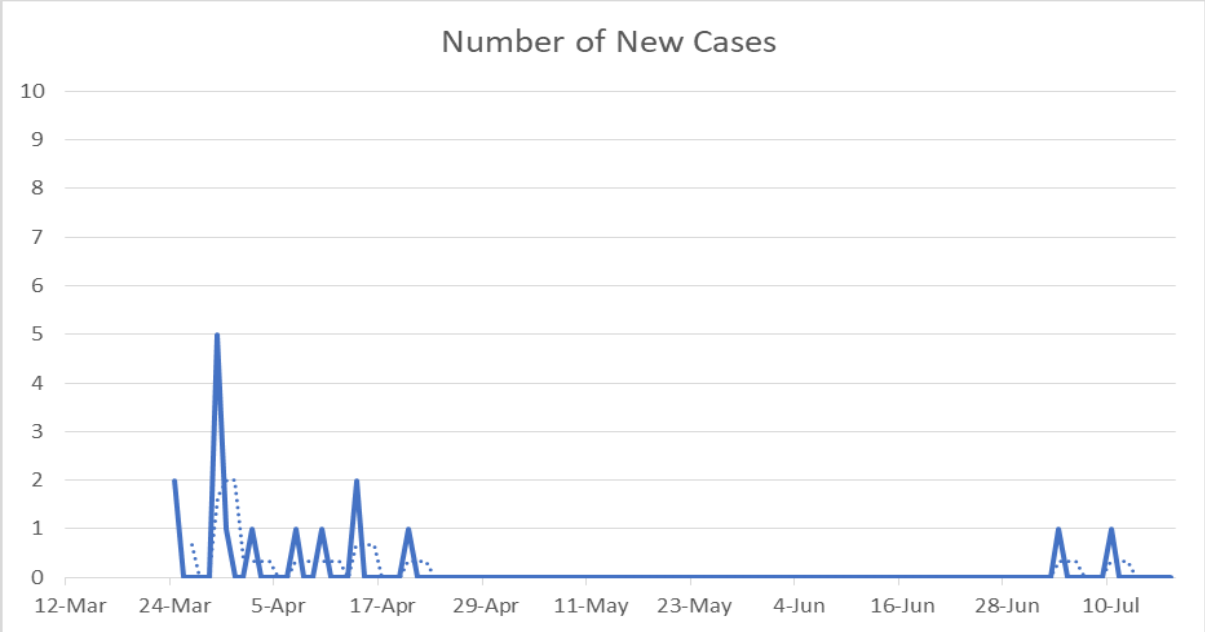


CHART 17A: ST. KITTS AND NEVIS



Note: St. Kitts and Nevis experienced **no new cases** during the period **11-17 July** but had **2 new cases (adjustment)** during the period **4-10 July** after a very long period (**over 80 days**) with no new cases. The first case was that of a returning national while the other was a frontline worker that came into contact with this patient. The number of cases was **17** as at **17 July.**

CHART 18: ST. VINCENT AND THE GRENADINES

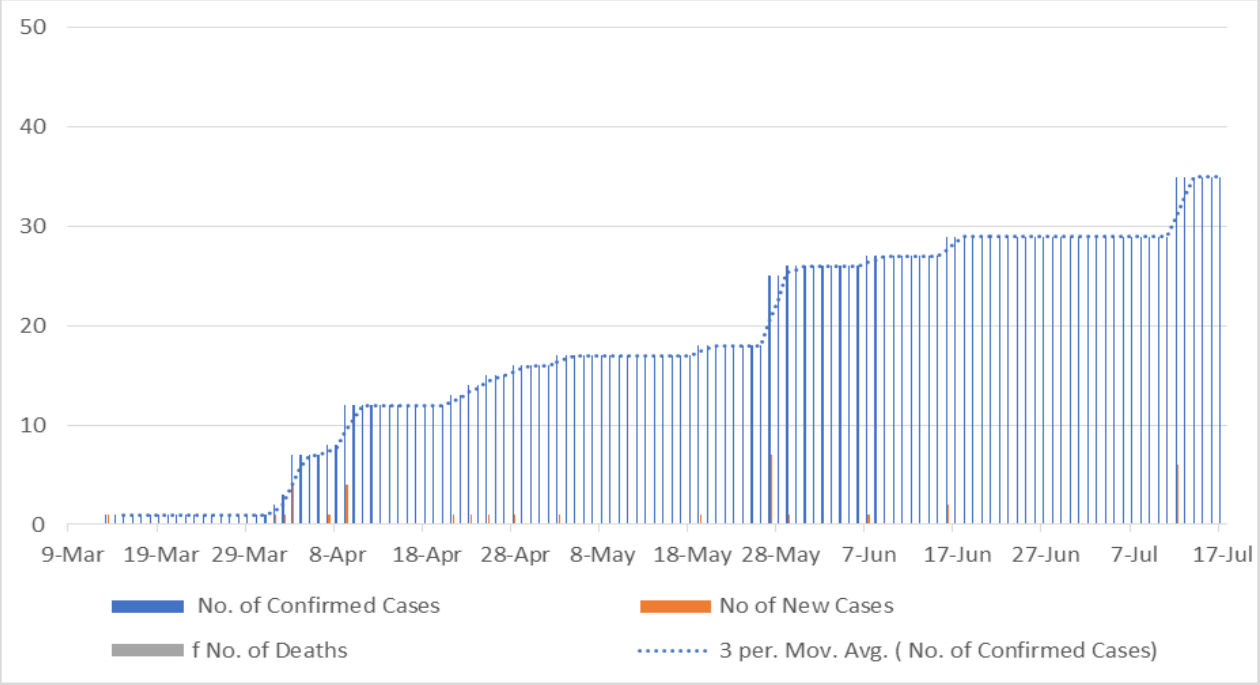
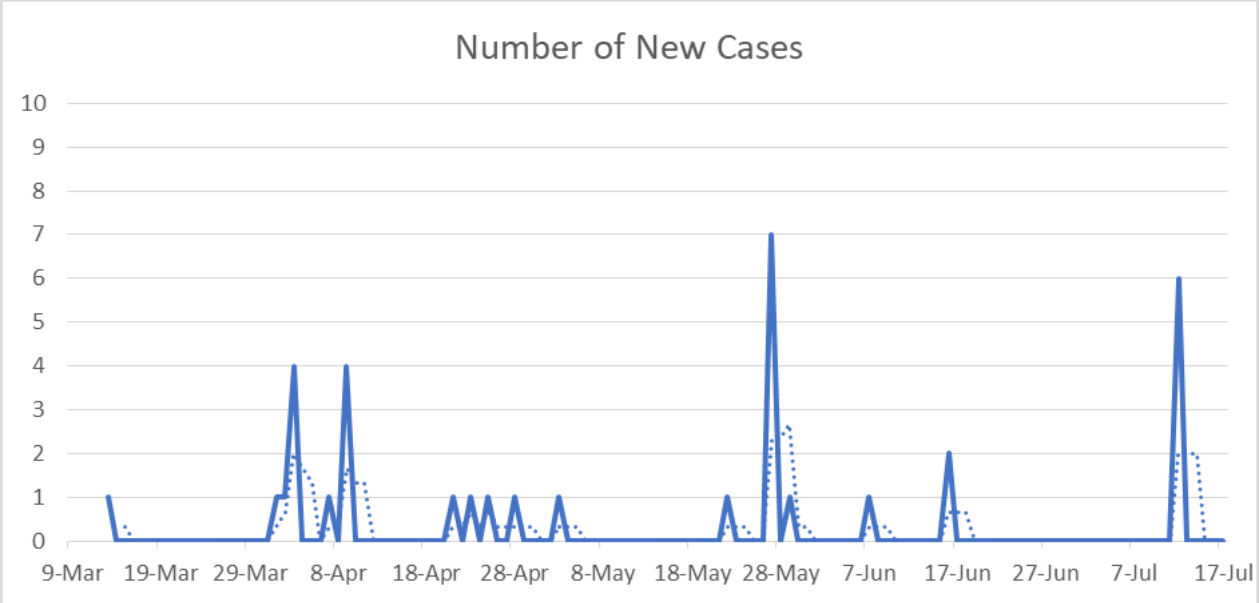


CHART 18A: ST. VINCENT AND THE GRENADINES



Note: There were **6 new cases** in St Vincent and the Grenadines during **11-17 July** as compared to **no new cases** for the previous three reporting periods. The number of cases in St Vincent and the Grenadines was **35** as at **17 July**. St Vincent and the Grenadines now have **6** active cases that are primarily returning nationals.

CHART 18B: ST. VINCENT AND THE GRENADINES

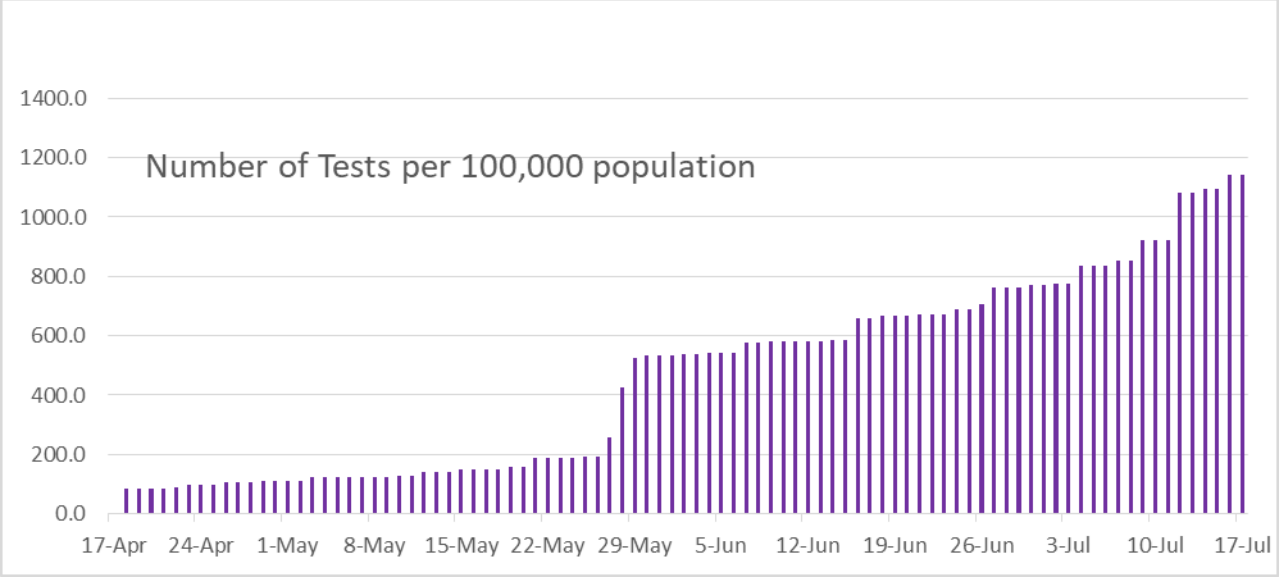


CHART 19: SURINAME

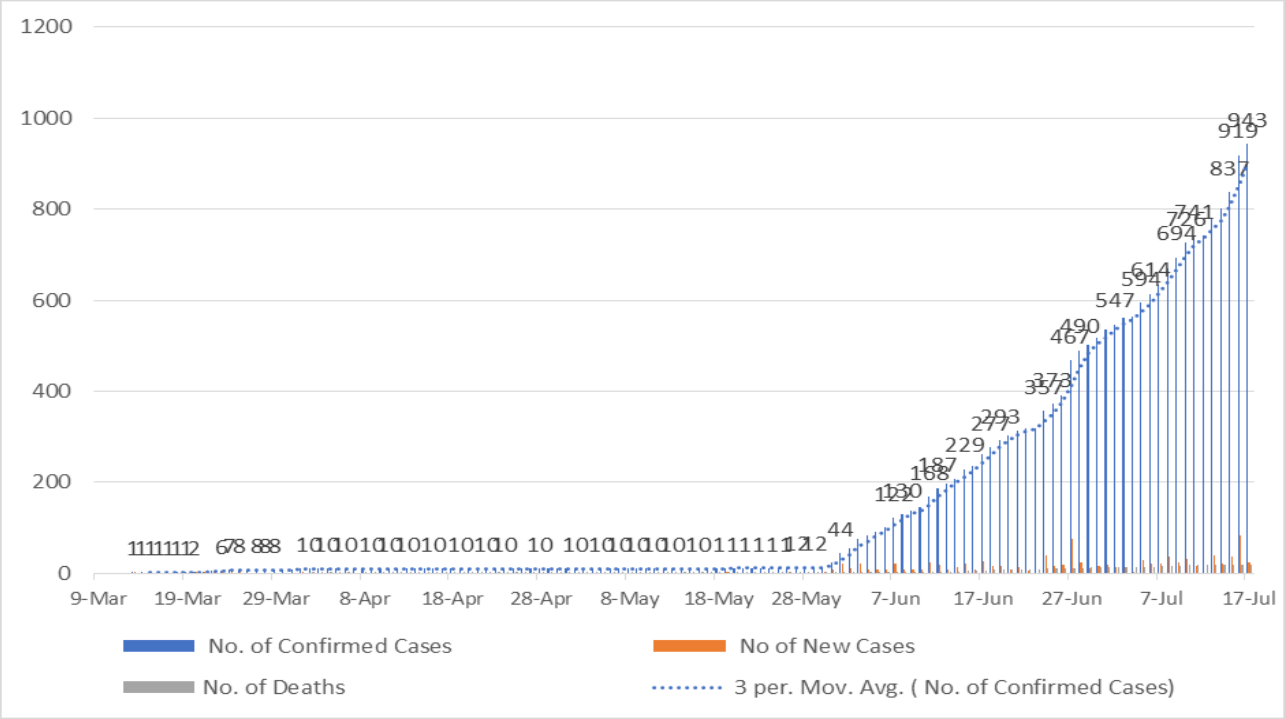
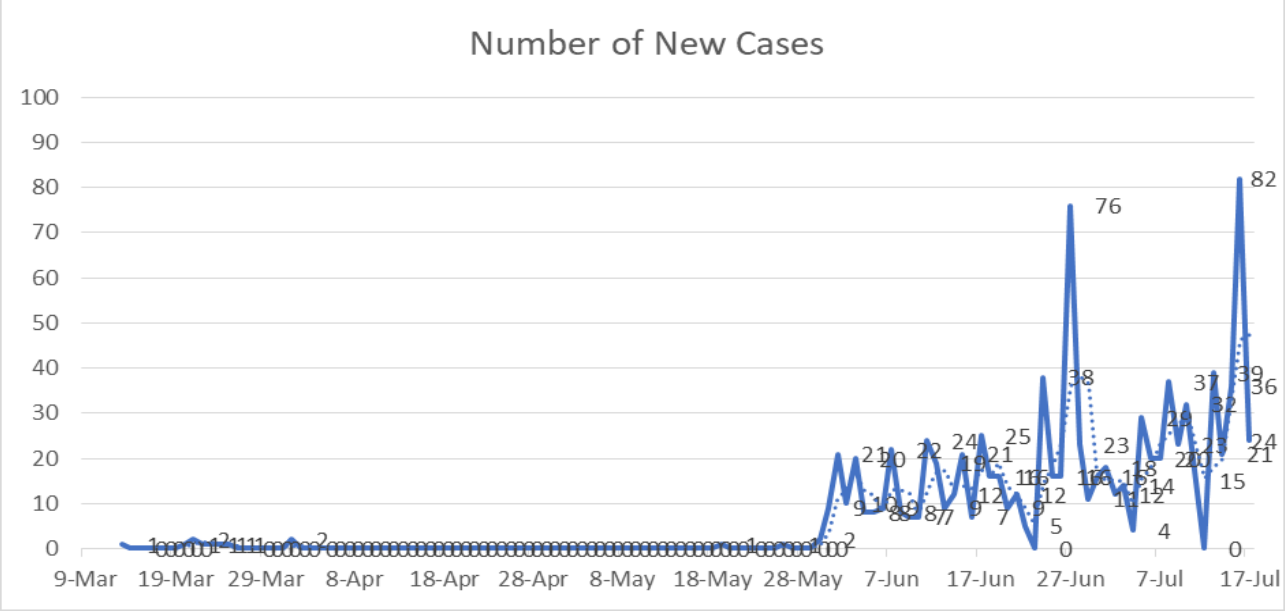


CHART 19A: SURINAME



Note: Suriname had **217 new cases** during **11-17** July, **32 percent of the total new cases** for **CARICOM** and as compared to **165 new cases** during **4-10 July** and **170 new cases, 27 June-3 July**. The number of confirmed cases for Suriname stood at **943** as at **17 July**, after a long period at 10 cases. The increasing trend in the number of new cases is reflected in Chart 19 A.

CHART 20: TRINIDAD AND TOBAGO –TOTAL CONFIRMED CASES

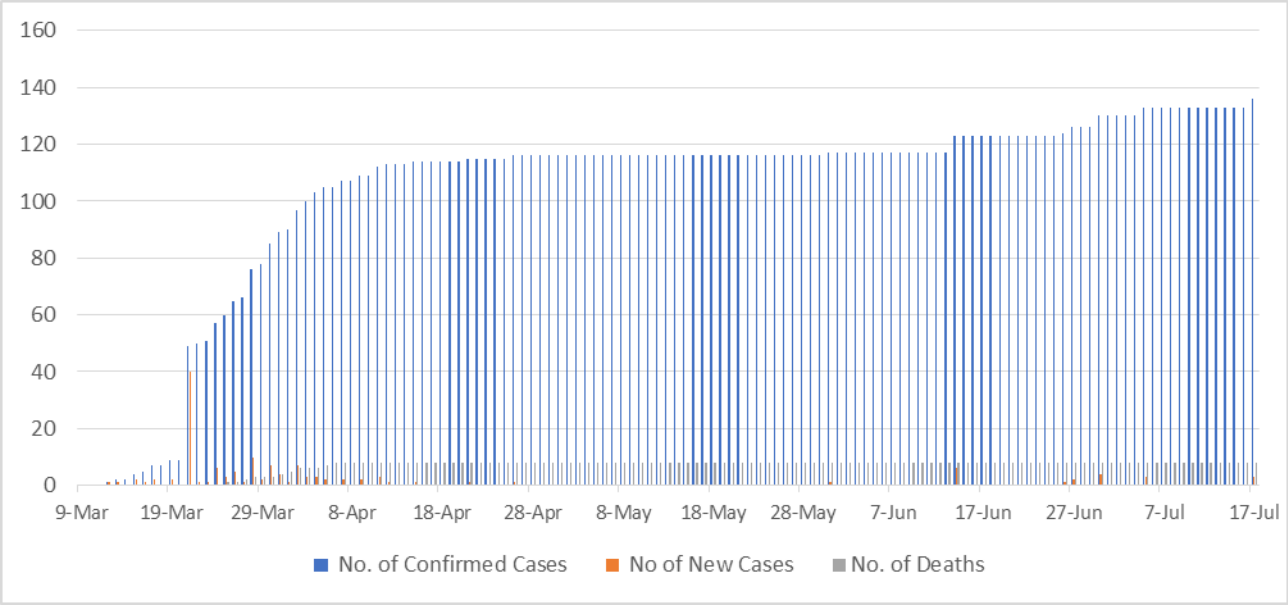
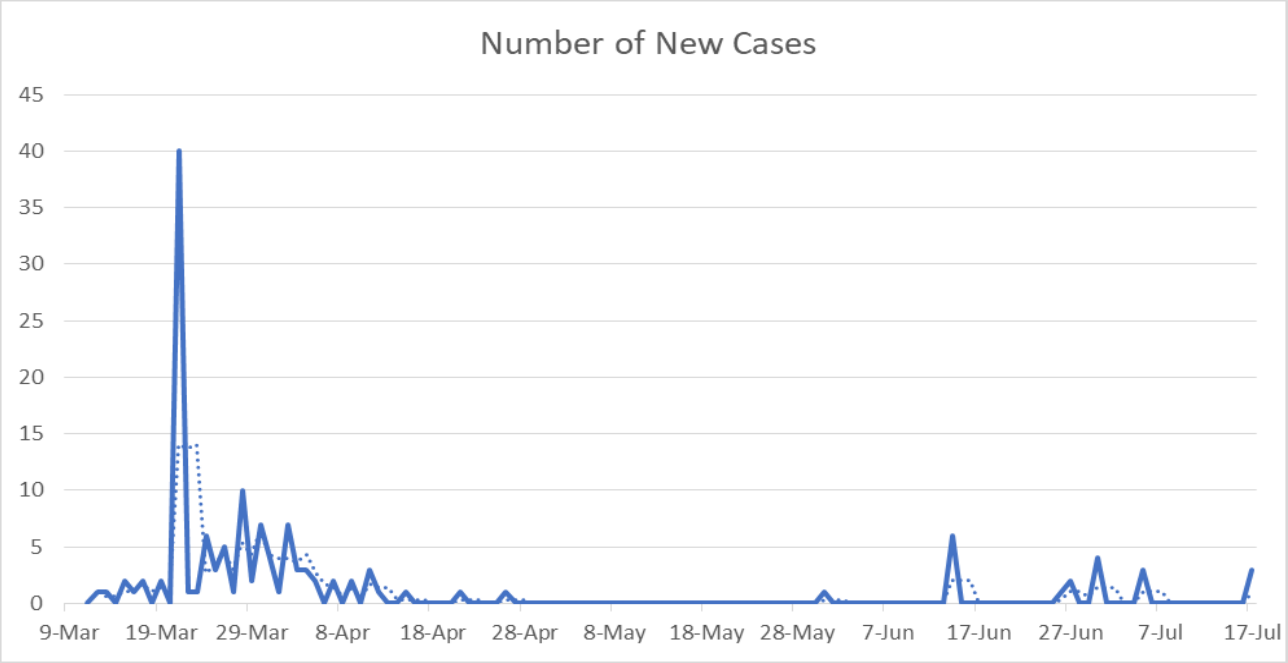


CHART 20A: TRINIDAD AND TOBAGO



Note: Trinidad and Tobago had **3 new cases** during **11-17 July** after another **3 new cases** during **4-10 July .** The last two sets of new cases were repatriation of nationals that were crew members from cruise liners as well as from a CARICOM Member State. The number of confirmed cases stood at **136** as at **17 July**. The new cases that tested positive on arrival highlights the importance of testing in the strategy to overcome the pandemic.

CHART 20B: TRINIDAD AND TOBAGO - CRUISE PASSENGERS

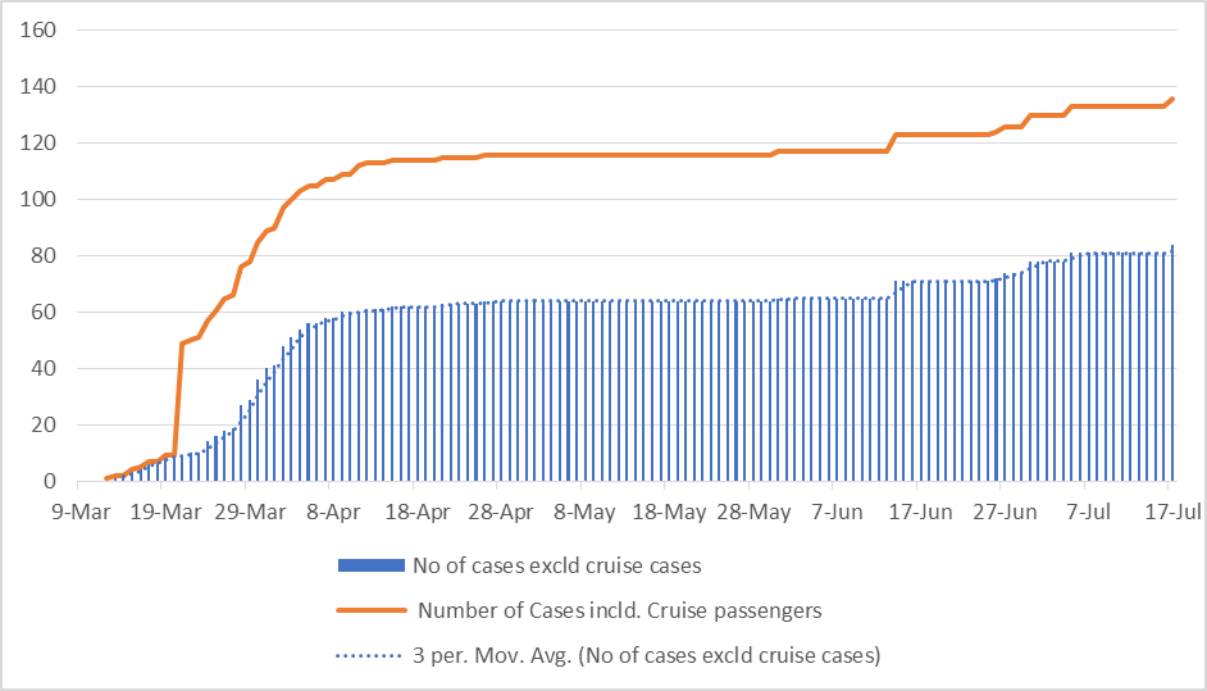


CHART 21: ANGUILLA

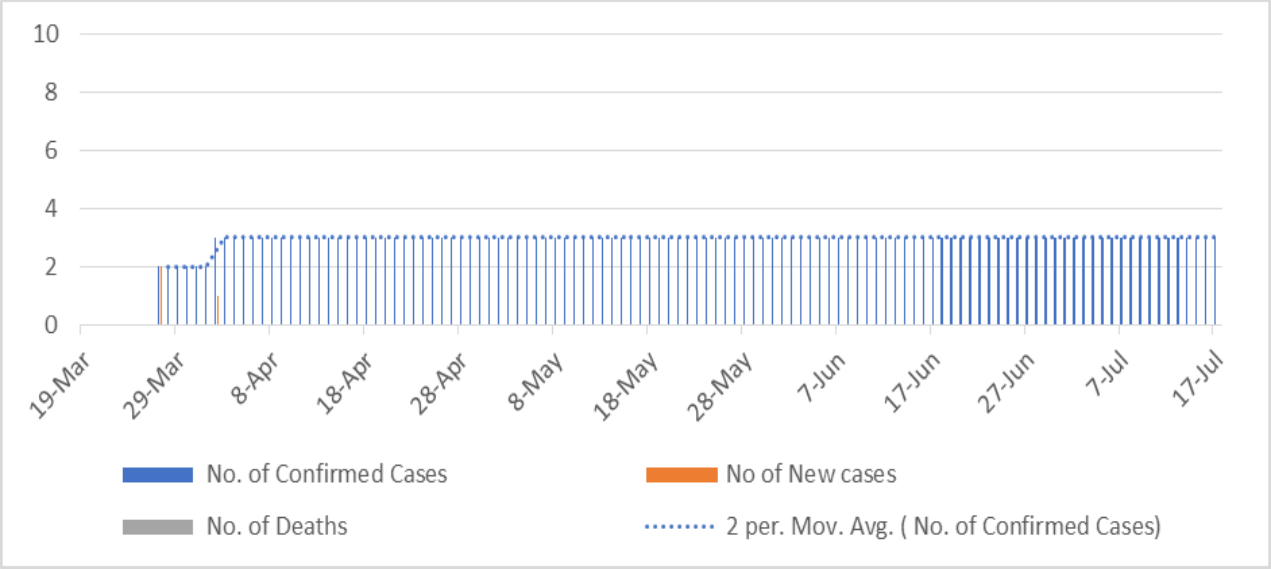
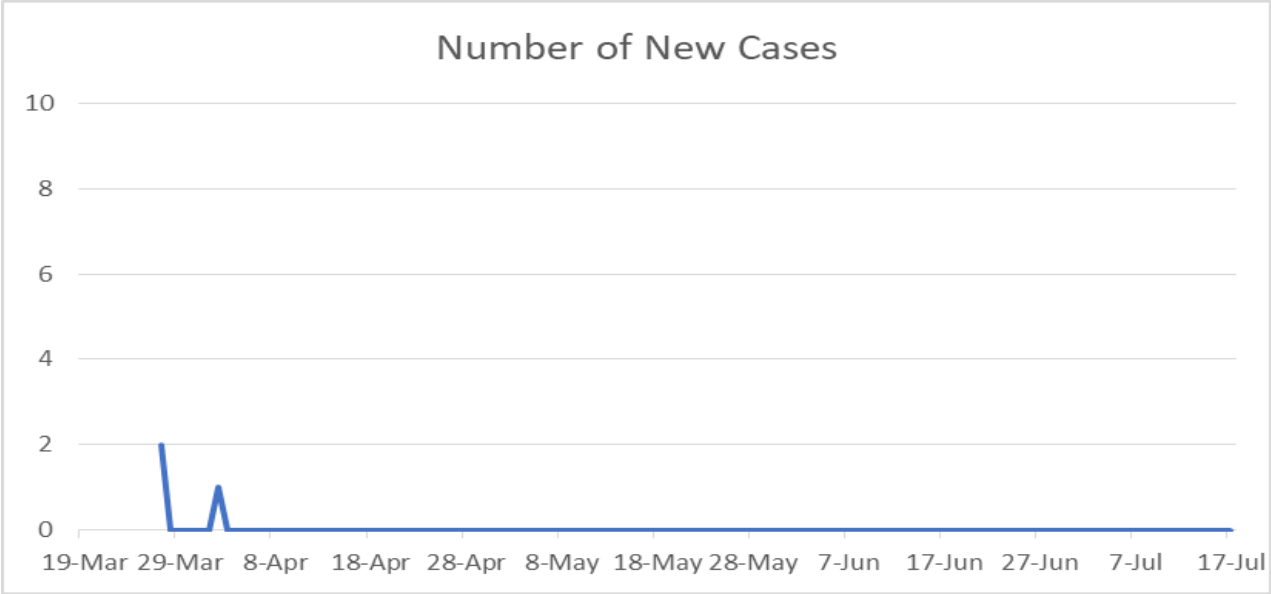


CHART 21A: ANGUILLA



Note: The last positive case of COVID-19 in Anguilla was **2 April**, a period of **106 days as at 17 July.**

CHART 22: BERMUDA

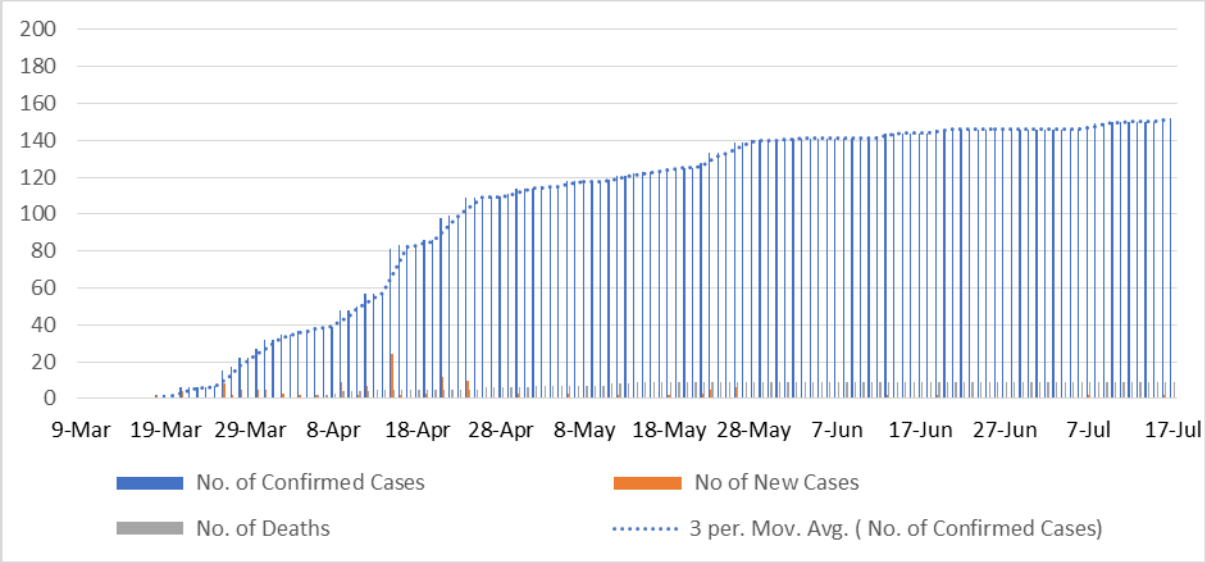
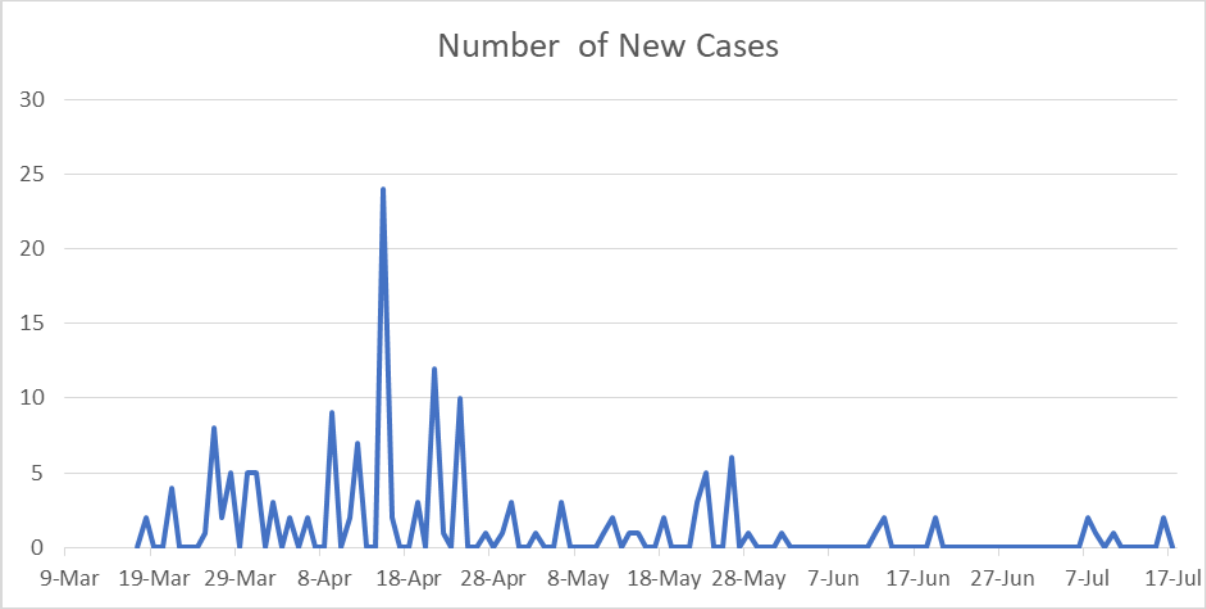


CHART 22A: BERMUDA



Note: Bermuda had **2 new cases** during the current reporting period **11-17 July** as compared to **4 new cases** during **4-10 July** and **no new cases** for the previous two reporting periods. The number of confirmed cases for Bermuda stood at **152** as at **17 July**.

CHART 23: BRITISH VIRGIN ISLANDS

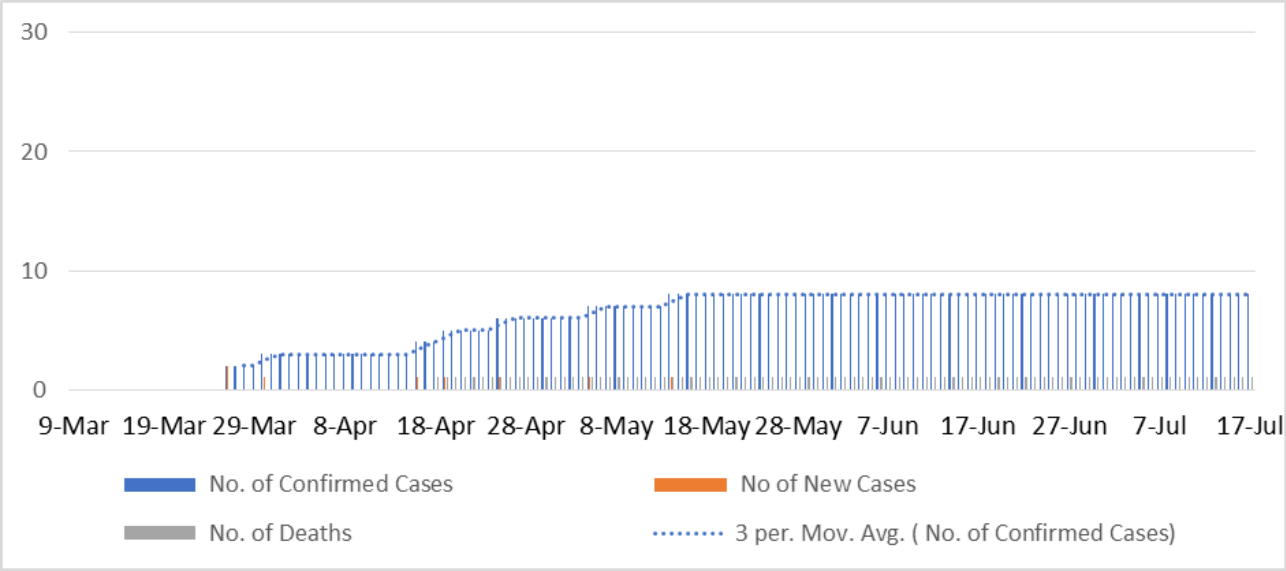
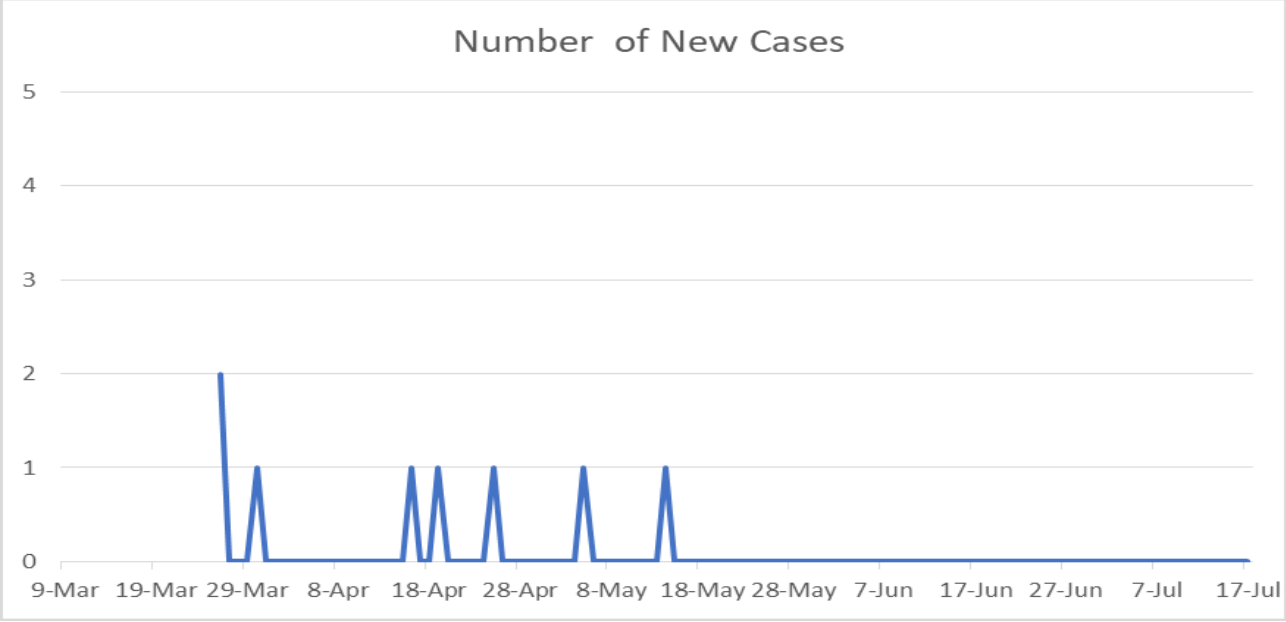


CHART 23A: BRITISH VIRGIN ISLANDS



Note: There were **no new cases** in the British Virgin Islands during **11-17 July** similar to the past five reporting periods. The last positive case was on **14 May**, a period of **64 days** as at **17 July**. The total number of confirmed cases for British Virgin Islands stood at **8** as at **17 July**.

CHART 24: CAYMAN ISLANDS

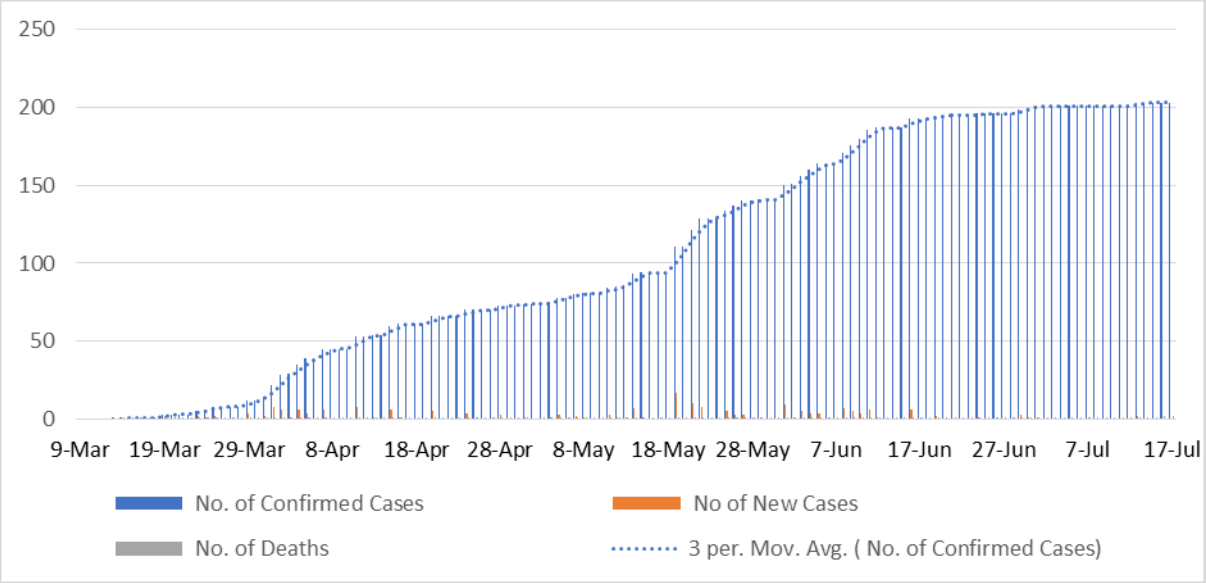
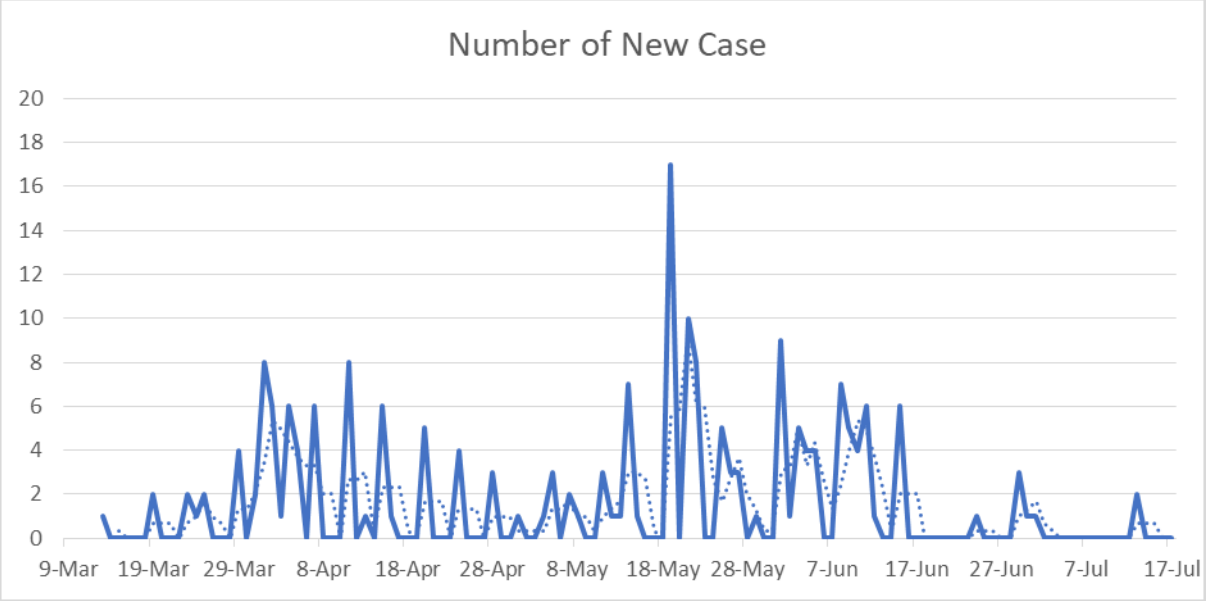


CHART 24A: CAYMAN ISLANDS



Note: There were **2 new cases** in Cayman Islands during **11-17 July** as compared to **no new cases** during **4-10 July** and **5 new cases** during **27 June- 3 July**. The number of confirmed cases stood at **203** as at **17 July**. Cayman Islands leads all countries in the Number of Tests conducted per 100,000 population and has detected a number of asymptomatic persons in the 203 cases that have tested positive.

CHART 25: TURKS AND CAICOS ISLANDS

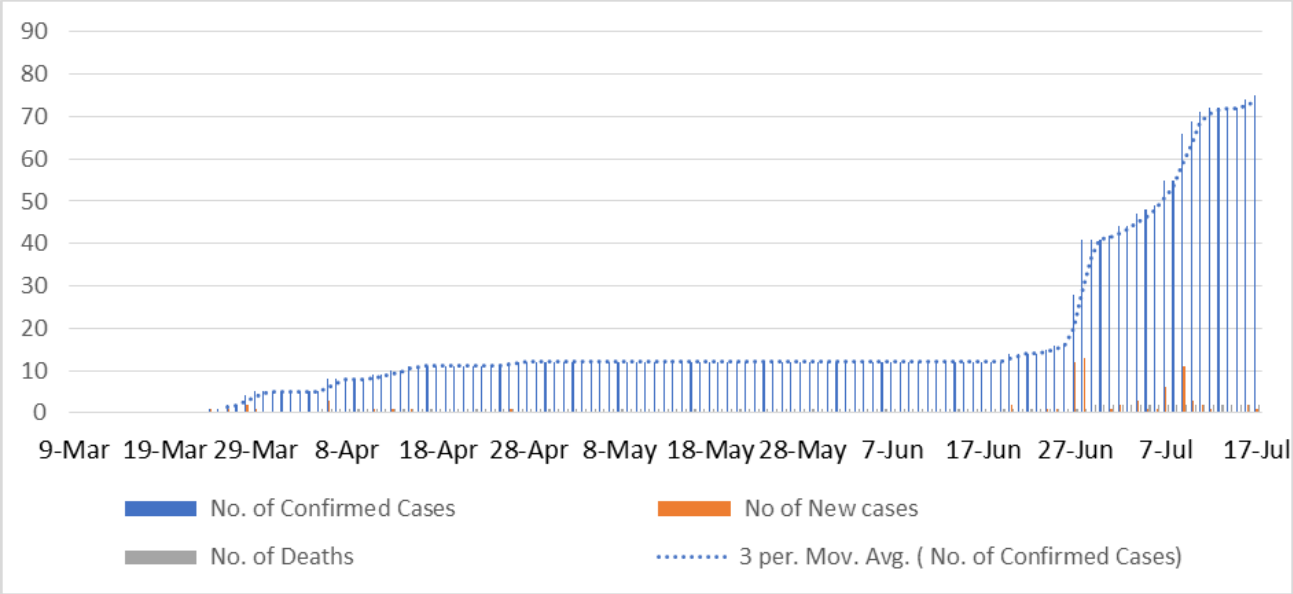
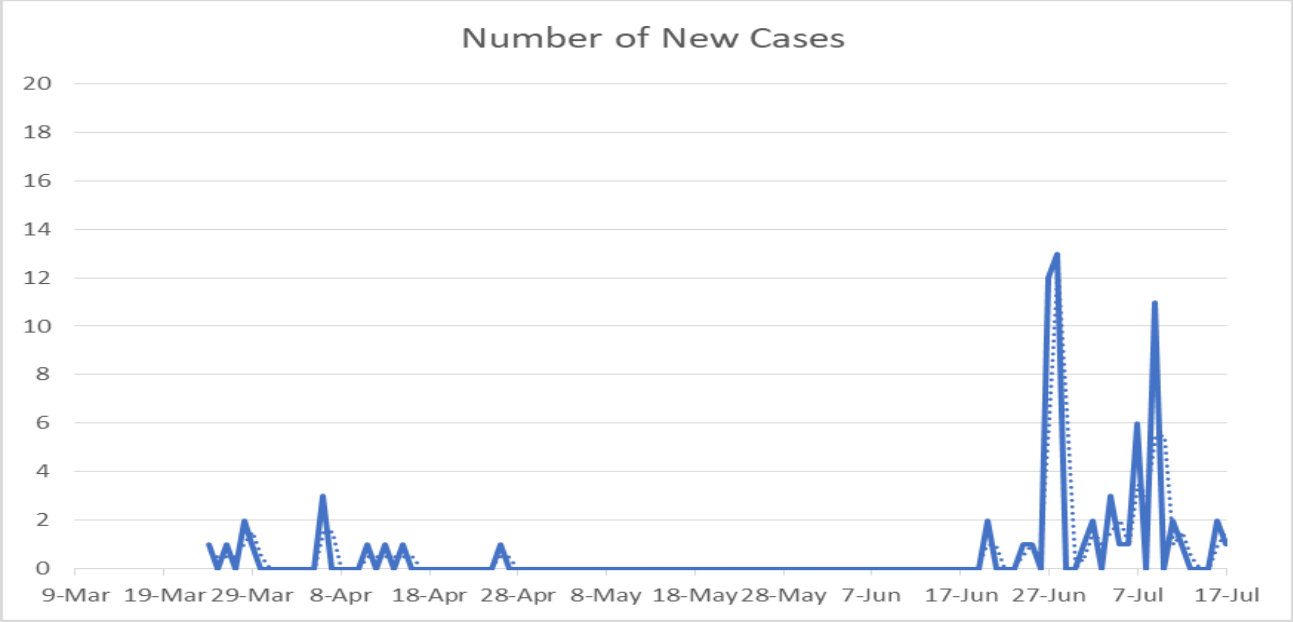


CHART 25A: TURKS AND CAICOS ISLANDS



Note: Turks and Caicos Islands had **6 new cases** during **11-17 July** less than the **25 new cases (adjusted)** during **4-10 July** and the **28 new cases** during **27 June- 3 July.** The number of cases stood at **75** as at **17 July.**

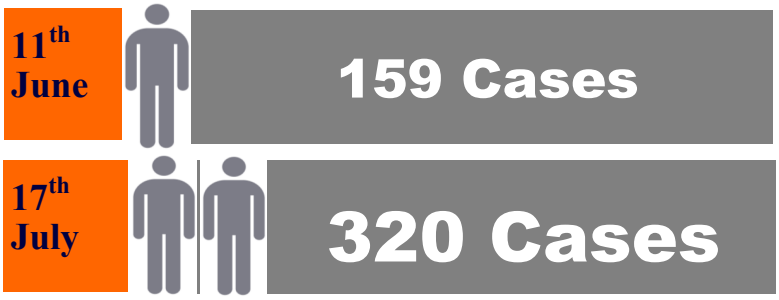
TABLE 8: TREND IN DOUBLING TIME –CARICOM AND SELECTED COUNTRIES

COUNTRY	PERIOD	NO. OF CASES	NO. OF DAYS
ALL COUNTRIES			
With Haiti	31 May 19 June	3395 6895	19
Without Haiti	25 Apr 19 June	992 1979	55
With Haiti	2 June 26 June	3804 7748	24
Without Haiti	29 April 26 June	1102 2205	58
With Haiti	4 June 3 July	4257 8588	29
Without Haiti	7 May 3 July	1242 2487	57
With Haiti	6 June 10 July	4571 9532	34
Without Haiti	21 May 10 July	1387 2770	50
With Haiti	8 June 17 July	5022 10032	39 Rate: 2.0
Without Haiti	31 May 17 July	1530 3084	47 Rate: 2.02
Haiti	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
	8 June 17 July	3334 6948	39 Rate: 2.08
Suriname	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
	27 June 17 July	467 943	20 Rate: 2.02

DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

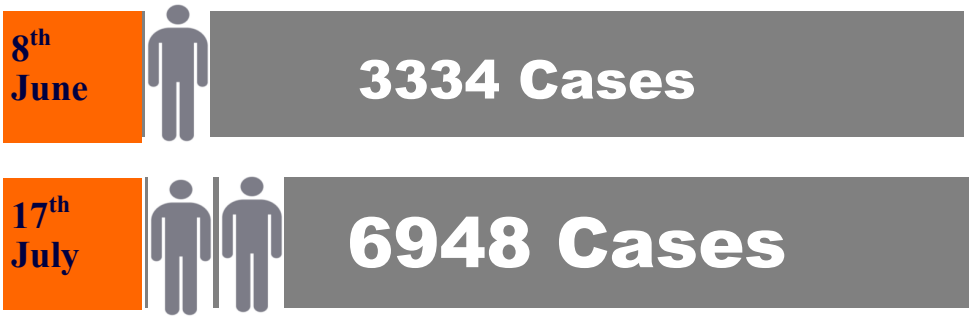
Guyana

Doubling (2.01) 36 days



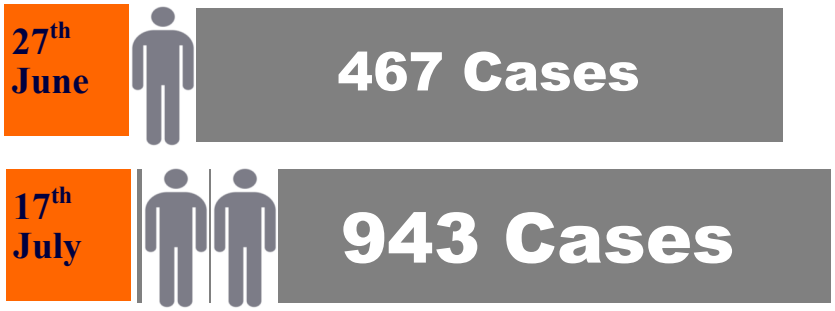
Haiti

Approx. Doubling (2.08) 39 days



Suriname

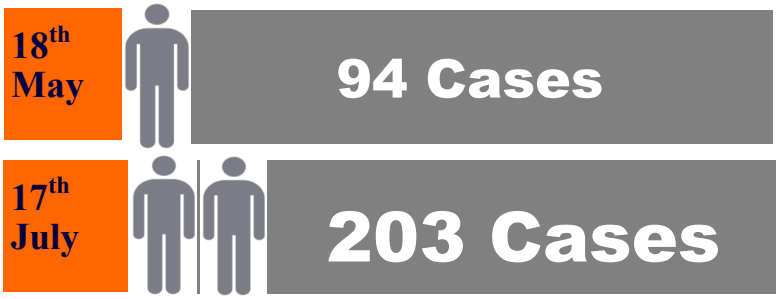
Doubling (2.02) - 20 days



DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

Cayman Islands

Approx. Doubling (2.2) 60 days



Turks and Caicos Islands

Doubling (1.8) 19 days

TABLE 9: EXPLANATIONS

Key Term/Issues	Explanation
Data on Testing	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. 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. Why is data on testing needed? 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.
Projections	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. For example in the case of Chart 2, a linear projection is undertaken and the equation of that straight line is given as follows: $y = -103.42 + 25.045\,x$ Where y represents the number of confirmed cases and x the number of time periods from the commencement of the first case. 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: y_p = -103.42 + 25.045 x 50 = 1252.25 -103.42 =1148.83. The actual value for this same period is 1178 confirmed cases.

TABLE 9: EXPLANATIONS

Key Term/Issue	Explanation
Number of Cases per 100, 000 population	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. $Rate = \frac{No.of\ Confirmed\ Cases}{Total\ Population}\ x\ 100{,}000$ It is useful for comparing countries/regions of varying population sizes For very small values/small populations these rates may be unstable.

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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