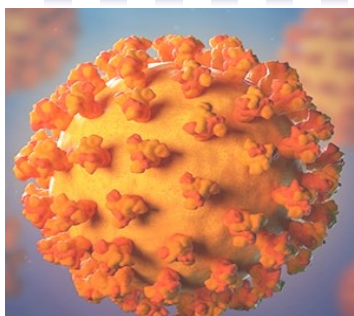


Stats News & Views



Special Topic Statistical Bulletin - COVID-19

Issue 11, 5 June 2020

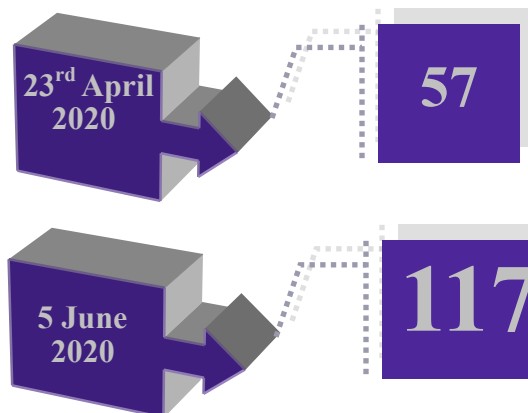
The **Special Topic Statistical Bulletin on COVID 19 in CARICOM Countries Issue 11**, provides an update of the trajectory of COVID-19 in the CARICOM Region up to **5 June 2020**. The Bulletin provides information on the pattern of the disease of the total number of confirmed cases, new cases and deaths for each country and the total for CARICOM. The data are preliminary and will be adjusted as more reliable data are made available. This Issue continues to explore graphically, the movement in the curves for the number of confirmed cases to deduce whether they are flattening or expanding upwards as a reflection of the transmission of the virus. The Section, *What do we learn from the Data?* is updated. Projections 2 and 3 have been updated in this Issue. These projections may be far removed from the reality of the situations in countries and may not depict the actual outcomes. Limited data are available on Sex and by Mode of Transmission of the virus as shown in the Bulletin. *Charts for a few more countries on the number of tests per 100,000 population are added.* The Bulletin also repeats some of the key explanatory notes from previous issues, particularly as it relates to testing, which is a vital aspect of tracking the pandemic. The primary approach to sourcing the data continues to be web-scraping of information from official sources of countries. Please review the back issues for other key explanations about the data.

Situation at a Glance

MAY 2020						
Sun	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
					22 nd 2142	23 rd 2236
24 th 2299	25 th 2404	26 th 2529	27 th 2655	28 th 2814	29 th 2946	30 th 3098
31 st 3395	JUNE 2020					
1 st 3689	2 nd 3804	3 rd 4111	4 th 4257	5 th June 4,374		



Total number of deaths
increased by 60
In 43 days
(23 April - 5 June 2020) at a rate
of 2.1



Doubling Rate With Haiti
Total number of confirmed
cases increased by
2,232
over **14 days**
(22 May - 5 June 2020)
2.04

Doubling Rate Without Haiti
Total number of confirmed
cases increased by
825
over **47 days**
[19 April (809)- 5 June 2020
(1634)] 2.02

Special Topic Bulletin - COVID 19

TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 1 MAY - 5 JUNE 2020

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
01-May	1231	18	67
02-May	1268	37	67
03-May	1278	10	69
04-May	1294	16	71
05-May	1319	25	72
06-May	1331	12	74
07-May	1350	19	74
08-May	1376	26	74
09-May	1405	29	74
10-May	1421	16	74
11-May	1465	44	78
12-May	1502	37	79
13-May	1516	14	81
14-May	1542	26	82
15-May	1589	47	84
16-May	1634	45	84
17-May	1684	50	84
18-May	1794	110	84
19-May	1893	99	85
20-May	1966	73	86
21-May	2050	84	86
22-May	2142	92	89
23-May	2236	94	89
24-May	2299	63	90
25-May	2404	105	92
26-May	2529	125	96
27-May	2655	126	98
28-May	2814	159	99
29-May	2946	132	100
30-May	3098	152	101
31-May	3395	297	107
01-Jun	3689	294	110
02-Jun	3804	115	111
03-Jun	4111	307	115
04-Jun	4257	146	117
05-Jun	4374	117	117

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. The sum of the new cases from the first date of occurrence to the date of the report is equal to the total number of confirmed cases as at the end date of the report.

Please see Issue 10 for the explanation on how the cumulative values are derived.

What do we learn from the Data?

[as at 5 June 2020]

The number of confirmed cases moved from **2946** as at **29 May** to **4374 cases on 5 June**. The number of deaths moved from **100** to **117**. There were **1428 new cases** (compared to **803** cases for the previous period) and **17** new deaths.

Recoveries as at 5 June stood at **1093** and active cases at 3161 as compared to **923** and **1919** respectively on 29 May.

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

- ★ From **9** countries with no actives as at 29 May there are now **5** countries with no active cases. The countries with no active cases are - **Anguilla, British Virgin Islands, Montserrat, St Kitts and Nevis and Turks and Caicos Islands**.
- ★ **Belize (1), Dominica (2), Saint Lucia (1), and Trinidad and Tobago (1)** now have **1-2** active cases as at **5 June**. Previously these countries had **no** active cases as at **29 May**;
- ★ **Antigua and Barbuda (3), Barbados (4), Grenada (4)** all have less than **5** active cases along with those countries that have 2 or less active cases;
- ★ **Two** countries, **St Vincent and the Grenadines (11)** and **Bermuda (18)** have less than **20** active cases;
- ★ **The Bahamas (36)** has less than **50** active cases;
- ★ **Guyana (64), Cayman Islands (70) and Suriname (80)** have under **100** active cases;
- ★ **Jamaica and Haiti** have **200** (277 on 29 May) and **2666** (1386 on 29 May) active cases, respectively.

Recoveries

- ★ As implied earlier, there are **five** countries for which all active cases have recovered;
- ★ Among the recoveries **Jamaica** had **385** recoveries as at **5 June**, **Bermuda** had **114** recoveries, **Cayman Islands, 93, Barbados, 81, Guyana, 77, The Bahamas, 55** and **Haiti, 24, Trinidad and Tobago**, with 1 active case, had **108** recoveries in the previous reporting period.

Confirmed Cases

- ★ In absolute terms the countries with the highest numbers of Confirmed Cases are **Haiti, 2740, Jamaica** with **595, Cayman Islands, 164, Guyana, 153, Bermuda, 141, Trinidad and Tobago, 117, The Bahamas 102, Barbados, 92** and **Suriname, 90**;
- ★ In rates per 100,000 population for countries **with 25 plus cases**, **Cayman Islands** has the highest rate with **249.19**, **Bermuda** is second with **220.41** followed by **Barbados** with **33.5**. **Montserrat (under 25 cases)** with a rate of **220 (11 cases)** has now been surpassed by Cayman Islands and Bermuda;
- ★ The rate for **Jamaica** is **21.81** **Haiti, 24.01; Guyana, 20.24, Suriname, 15.44 and St Vincent and the Grenadines, 23.44** [Please see Table 2 for rates for other countries].

Deaths

- ★ **Haiti** has the highest number of deaths with **50**, an increase of **15** from 29 May, followed by **Guyana** with **12** and **The Bahamas 11 deaths**; Guyana and Jamaica were the only other countries with a new death during this reporting period.
- ★ The number of deaths per 100,000 population is the highest in **Montserrat 20 (1); Bermuda 14.07 (9)** and **British Virgin Islands 3.43 (1)**. The rate per 100,000 population for Haiti is **0.44 (50)**;
- ★ The Case Fatality Rate (*number of deaths as a percentage of the number of confirmed cases*) is the highest in the **British Virgin Islands** with **12.5** percent, followed by **Antigua and Barbuda** with **11.5** percent and **The Bahamas** with **10.8** percent. **Haiti** has a case fatality rate of **1.8** percent.

Testing- [Tracking the pandemic]

- ★ **Cayman Islands** continues to have the best testing record with a rate of **21,191.9 tests per 100,000 population**, (**13,947** tests) followed by **Bermuda, 12,334.9 (7,891 tests)** and **Barbados, 2,111.6 (5,812 tests)**; **Jamaica** with a rate of **513.0** has undertaken the highest number of tests, **13,993**, slightly higher than Cayman Islands.

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CHART 1: SUMMARY ALL COUNTRIES - NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS – 10 MARCH - 5 JUNE 2020

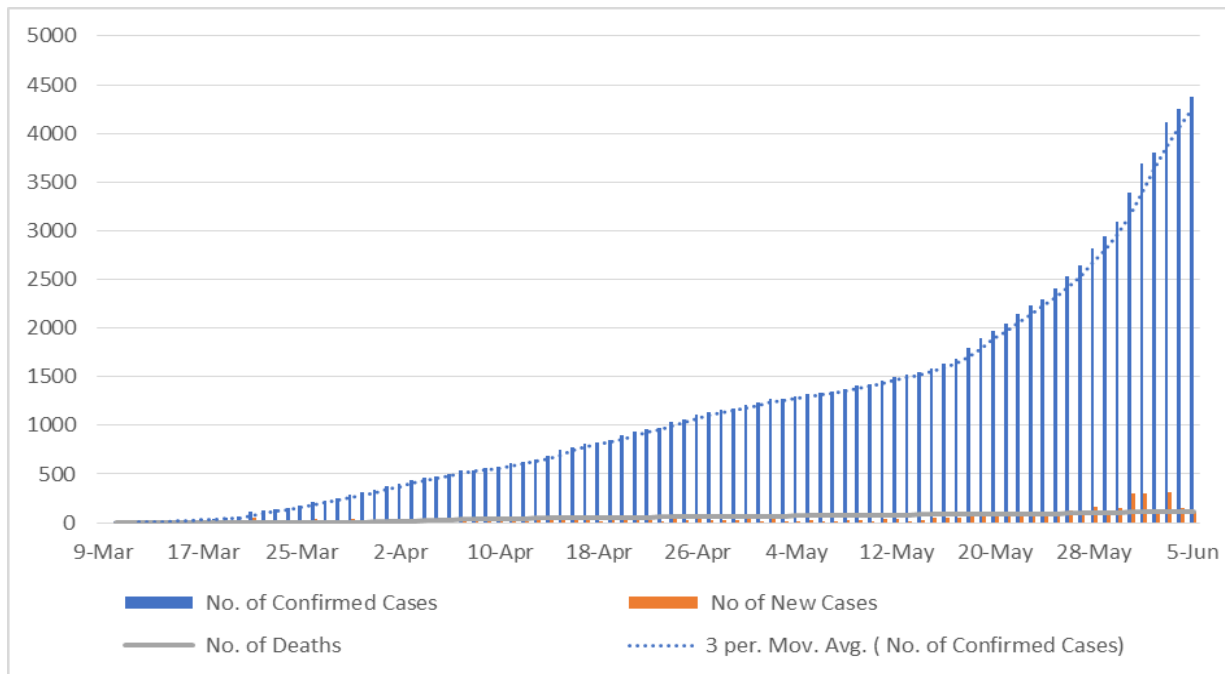
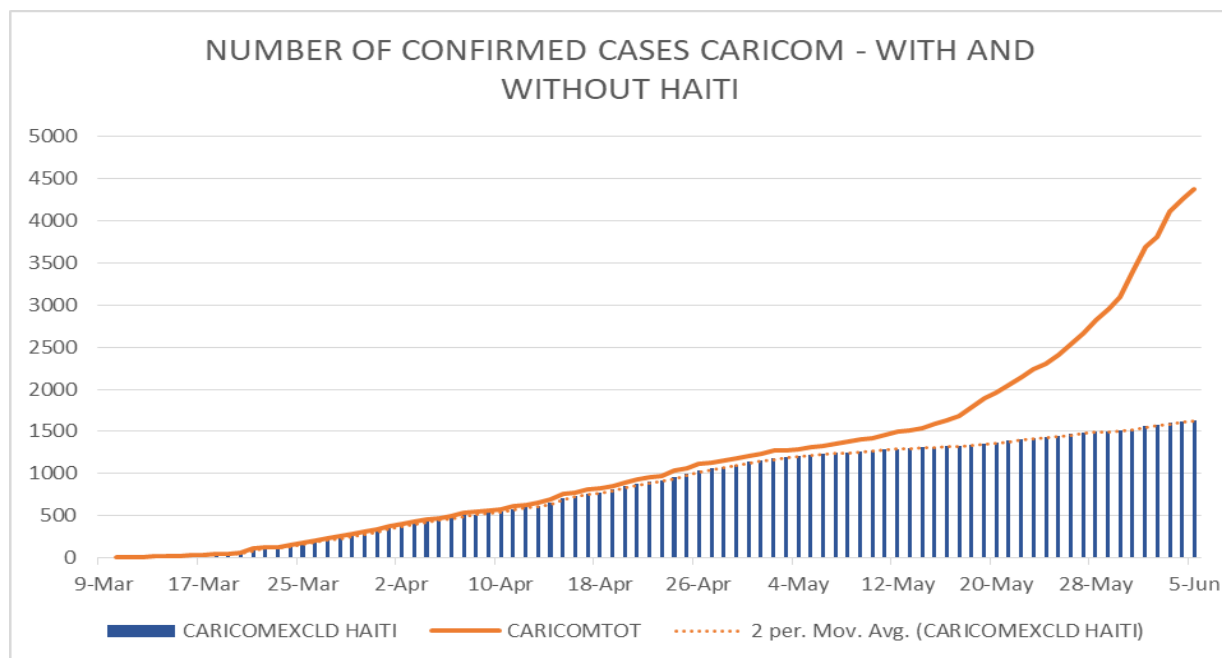


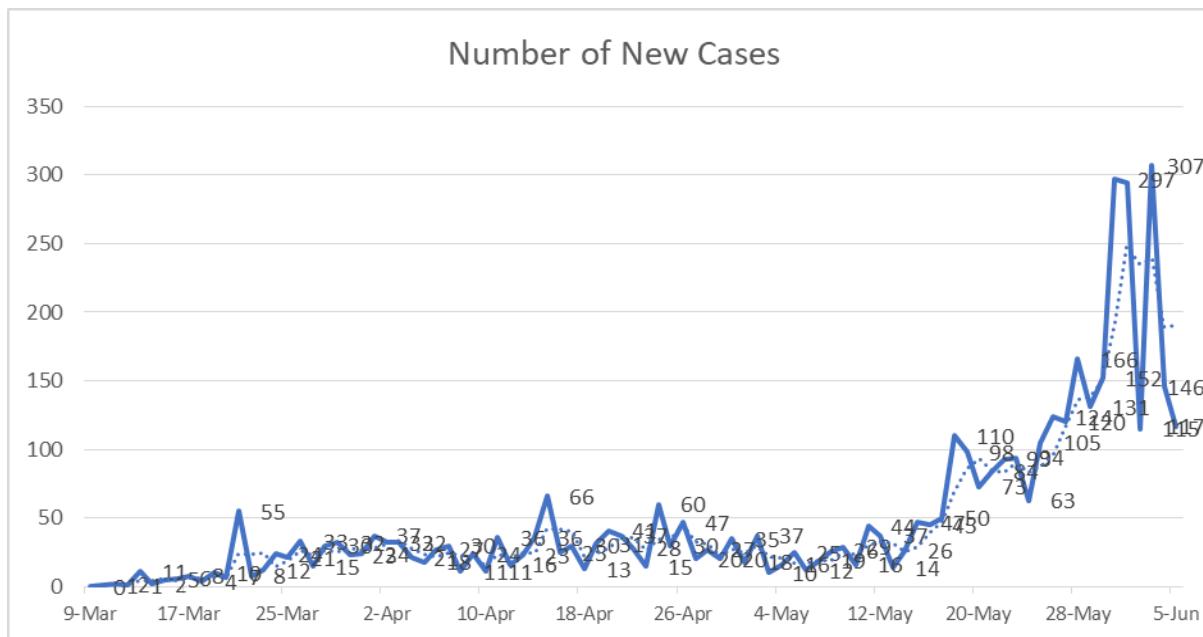
CHART 1A: NUMBER OF CONFIRMED CASES IN CARICOM– WITH AND WITHOUT HAITI AS AT 5 JUNE 2020



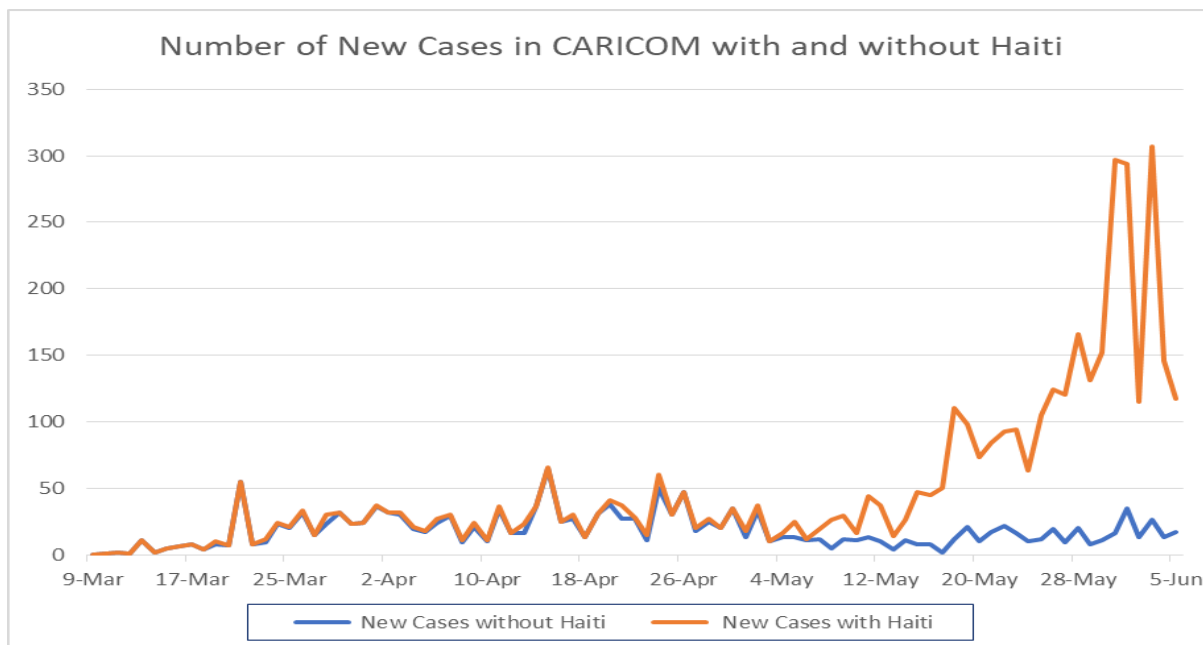
Note: The number of confirmed cases moved from **2946** as at 29 May to **4374** as at 5 June while the number of deaths moved from **100** to **117**. Therefore, there were **1428** new cases during 30 May - 5 June as compared to **803** new cases during 23-29 May. The number of deaths increased by 17. The figure as at 29 May for the total number of confirmed cases was corrected by 1 case.

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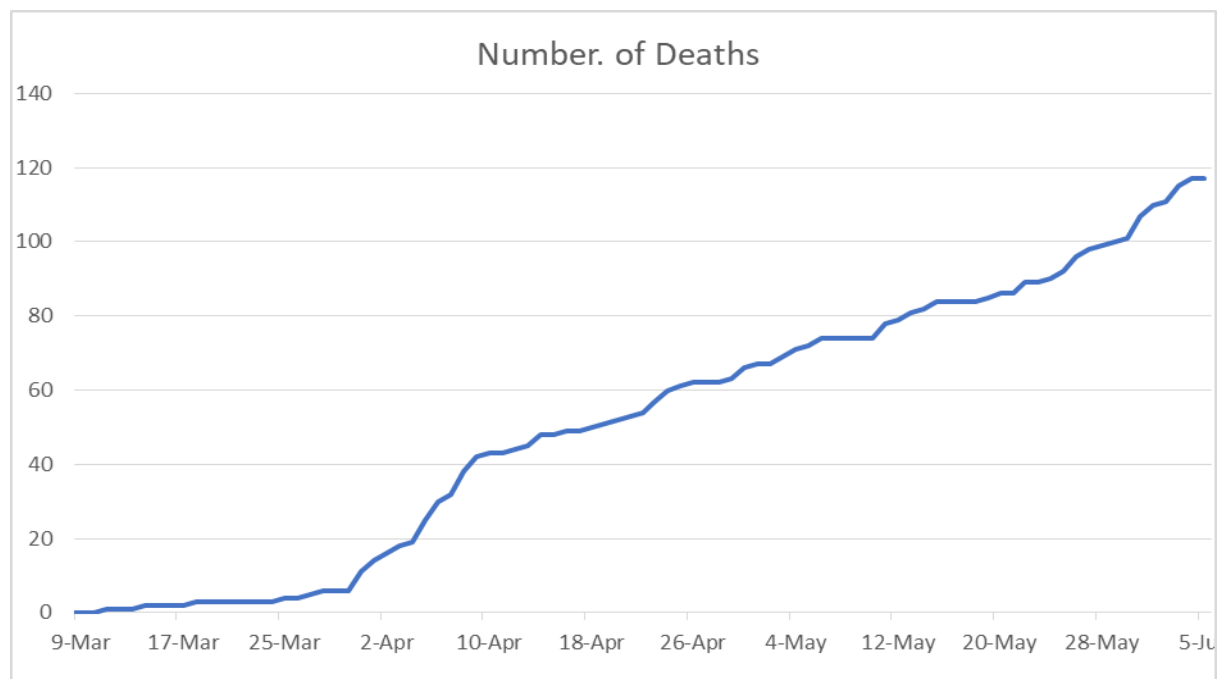
**CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES -
10 MARCH - 5 JUNE 2020**



**CHART 1C: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - WITH AND
WITHOUT HAITI - 10 MARCH - 5 JUNE 2020**

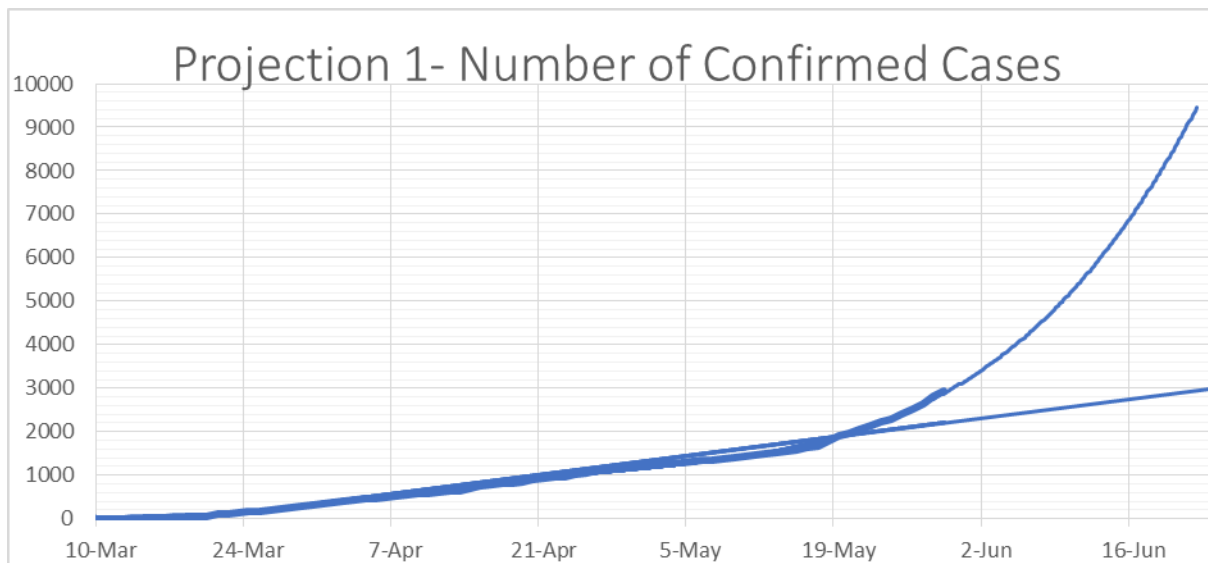


Note: Total number of new cases for the period 30 May –5 June is **1428** as compared to 23–29 May when it was 803, an increase of 625 new cases. Haiti contributed to **1297** of the new cases or **90.8** percent (88.3 percent for the previous period), Jamaica, **20**, Suriname, **78** and Cayman Islands, **23**. The large number of new cases that has been contributed by Haiti is visible in the Chart 1C.

Special Topic Bulletin - COVID 19**CHART 1D: SUMMARY ALL COUNTRIES - NUMBER OF DEATHS -
10 MARCH - 5 JUNE 2020**

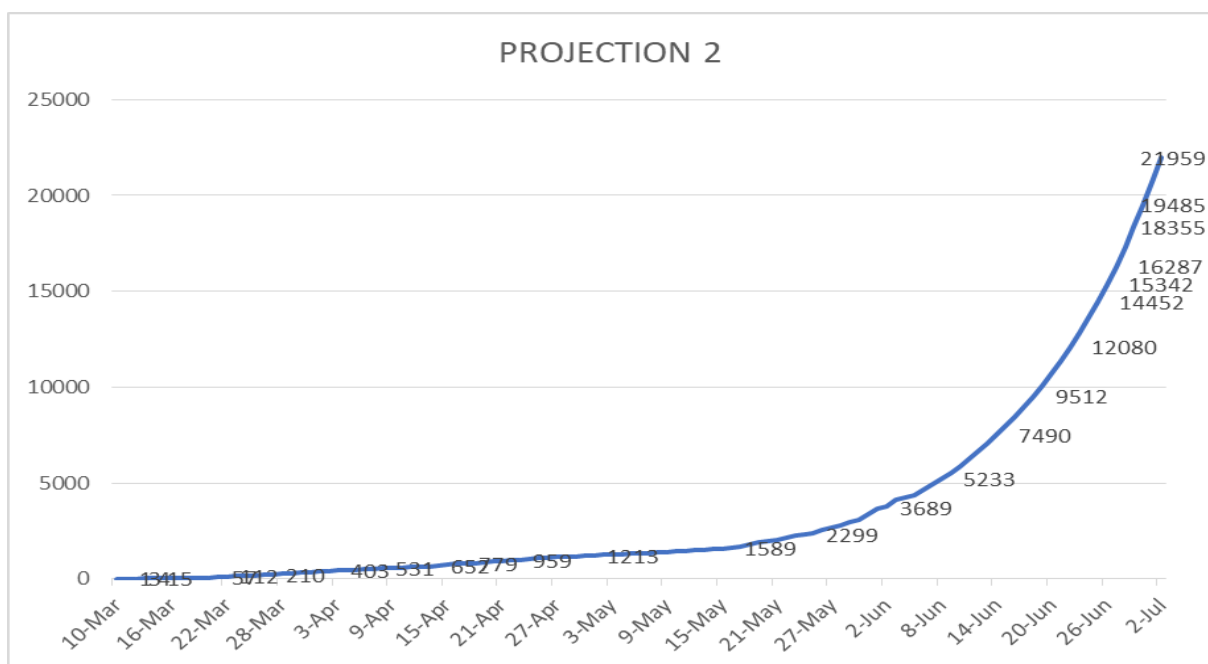
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CHART 2: PROJECTION 1-ESTIMATED NUMBER OF CONFIRMED CASES UP TO 23 JUNE 2020



Note: The linear trend line that is extended to 23 June 2020 gives a predicted value for 5 June of **2075 cases** as compared to the actual value which is **4374 cases**. The non-linear trendline provides an estimate of approximately **4100 cases** as at **5 June** and **5300 cases** for **12 June**.

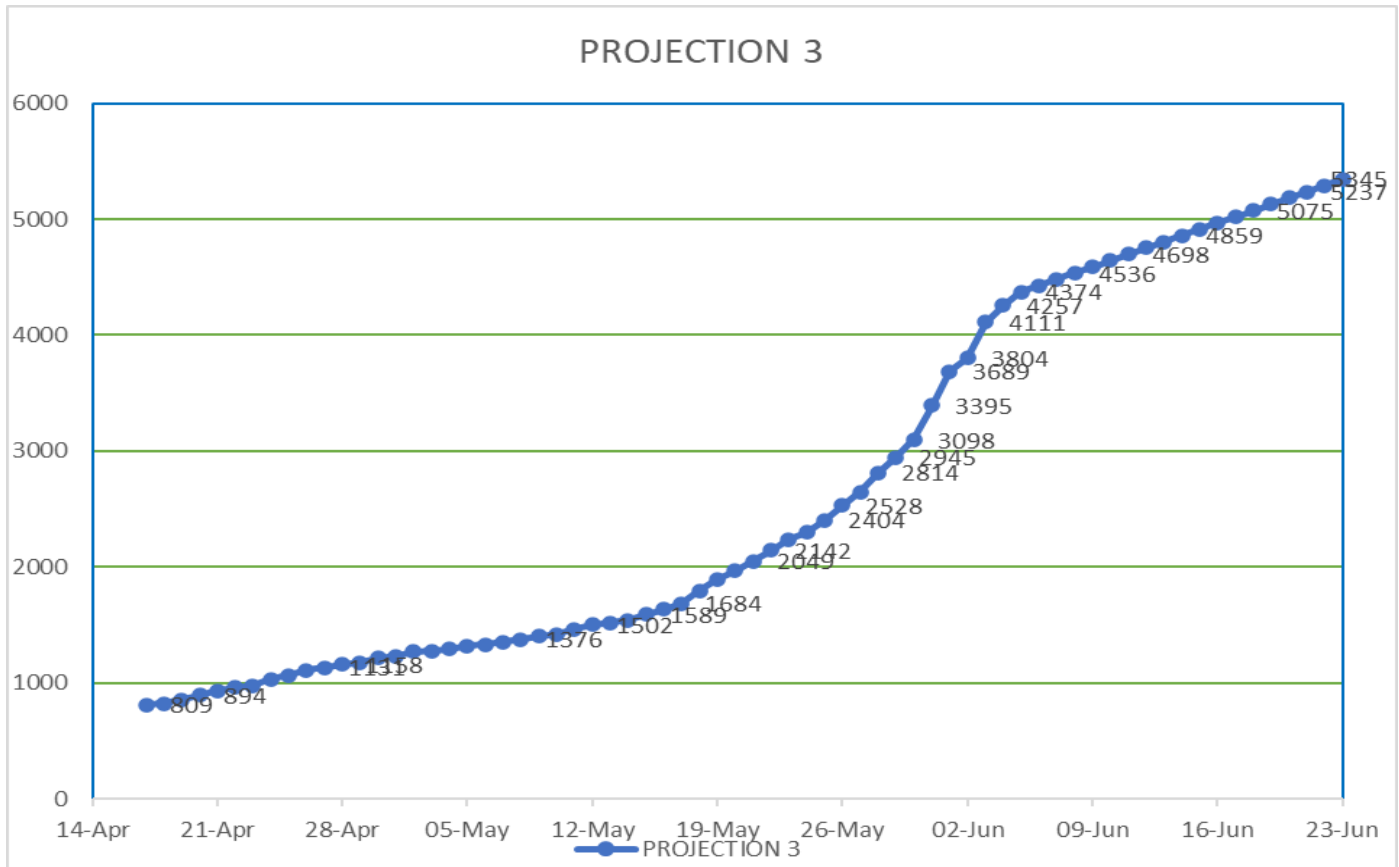
CHART 2A: PROJECTION USING GROWTH RATES (30 MAY– 5 JUNE) OF THE NUMBER OF CONFIRMED CASES UP TO 2 JULY 2020



Note: The projected value for **12 June** is **6646** cases using the growth rate for the last period of data.

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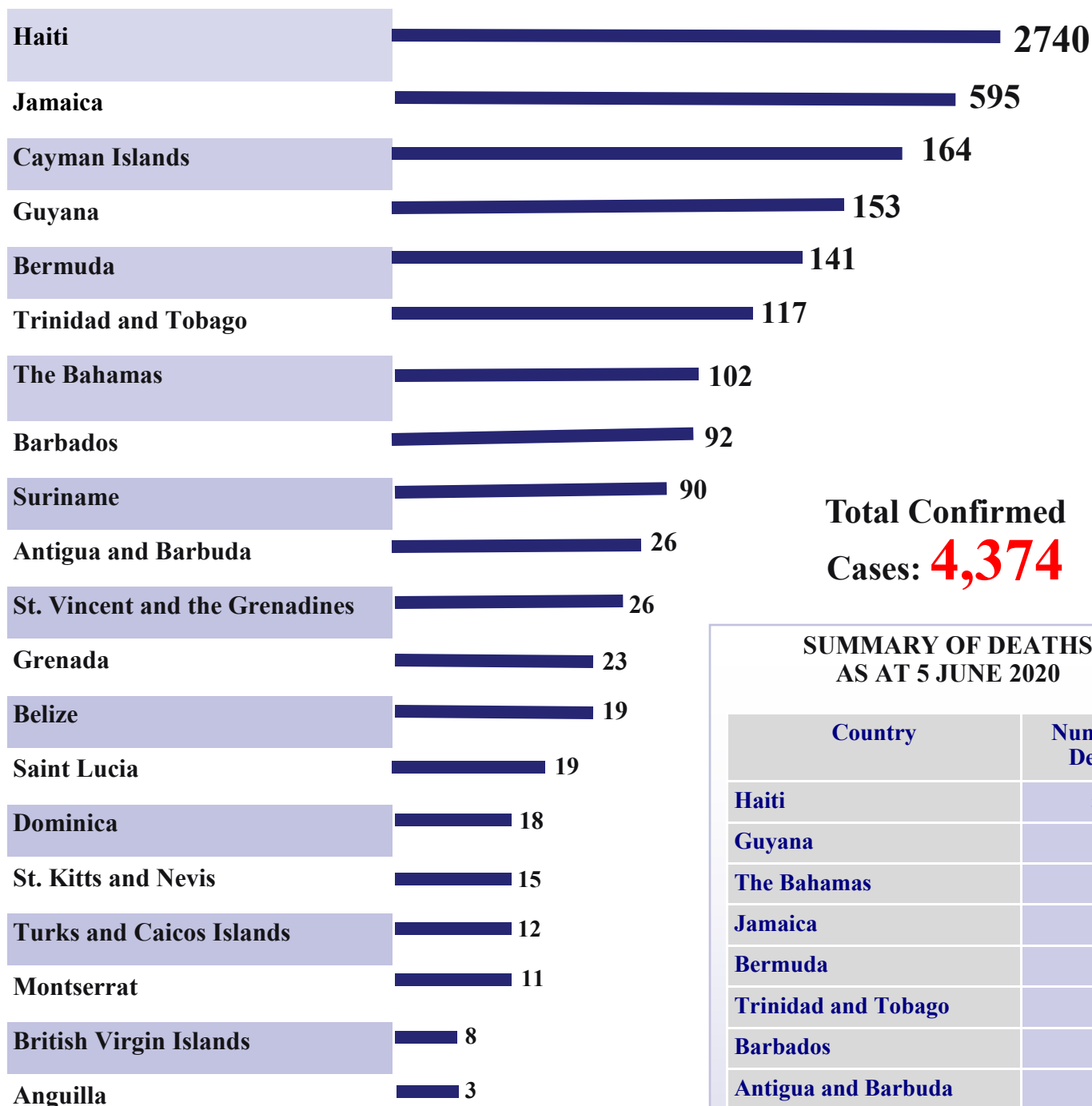
**CHART 2B: PROJECTION BASED ON 15 DAY DOUBLING PERIOD –
EXTENDED TO 23 JUNE**



Note: This projection has been recalculated to reflect a 15 day doubling period. The projected value for **12 June** is **4752 cases** .

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SUMMARY OF CONFIRMED CASES AS AT 5 JUNE 2020



SUMMARY OF DEATHS AS AT 5 JUNE 2020

Country	Number of Deaths
Haiti	50
Guyana	12
The Bahamas	11
Jamaica	10
Bermuda	9
Trinidad and Tobago	8
Barbados	7
Antigua and Barbuda	3
Belize	2
Montserrat	1
Suriname	1
British Virgin Islands	1
Cayman Islands	1
Turks and Caicos Islands	1

Total Deaths: 117

Note: The number of confirmed cases in Haiti is close to 3000, almost 5 times the confirmed cases of Jamaica. Suriname has risen sharply to ninth place with 90 compared to sixteenth place with 12 in the previous reporting week. Haiti with an additional 15 deaths and Guyana and Jamaica with 1 each are the countries that have contributed to the increase in deaths for the reporting period.

TABLE 2: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION IN CARICOM –SELECTED COUNTRIES– 24 APRIL –5 JUNE

COUNTRY	DATE						
	24-Apr	01-May	08-May	15-May	22-May	29-May	05-Jun
CARICOM -ALL COUNTRIES	5.69	6.78	7.57	8.75	11.79	16.22	24.08
CARICOM EXCLD HAITI	13.35	15.95	17.31	18.27	19.55	20.86	22.68
ANTIGUA AND BARBUDA	25.26	26.31	26.31	26.31	26.31	26.31	27.36
THE BAHAMAS	19.14	21.50	24.65	25.18	25.44	26.75	26.75
BARBADOS	28.04	29.49	30.22	30.95	32.77	33.50	33.50
BERMUDA	170.38	178.20	184.45	192.27	200.08	218.84	220.41
CAYMAN ISLANDS	106.36	112.44	123.08	142.83	196.01	214.24	249.19
GUYANA	9.85	11.07	12.55	15.65	17.14	20.24	20.65
HAITI	0.63	0.71	1.13	2.39	6.43	12.65	24.01
JAMAICA	10.56	15.84	17.97	18.74	19.94	21.08	21.81
ST VINCENT AND THE GRENADINES	12.61	14.41	15.32	15.32	16.22	23.42	23.42
SURINAME	1.72	1.72	1.72	1.72	1.89	2.06	15.44
TRINIDAD & TOBAGO	8.46	8.53	8.53	8.53	8.53	8.53	8.61

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

Of the countries with **25 or more confirmed cases**, the **top five countries** for the number of confirmed cases per 100,000 population as at **6 June** are: *Cayman Islands (249.19)*, *Bermuda (220.41)*, *Barbados (33.5)*, *Antigua and Barbuda (27.36)* and *The Bahamas (26.75)*. Montserrat (less than 11 confirmed cases) not shown in this table has the third highest rate with 220 cases per 100,000 population. Suriname and St. Vincent and the Grenadines that each have 25+ cases are now included in this table with **15.44 and 23.42 cases** per 100,000 population, respectively.

Haiti's rate is now almost the same as the rate for all countries. Trinidad and Tobago (8.61) has the lowest rate per 100,000 population for the CARICOM countries shown in the table. The rate per 100,000 population for CARICOM all countries **is now greater** than that for CARICOM excluding Haiti which reflects the relative increase in the number of confirmed cases with and without Haiti and that of the corresponding population figures.

Information on the number of confirmed cases per 100,000 population as at 5 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-5 JUNE**

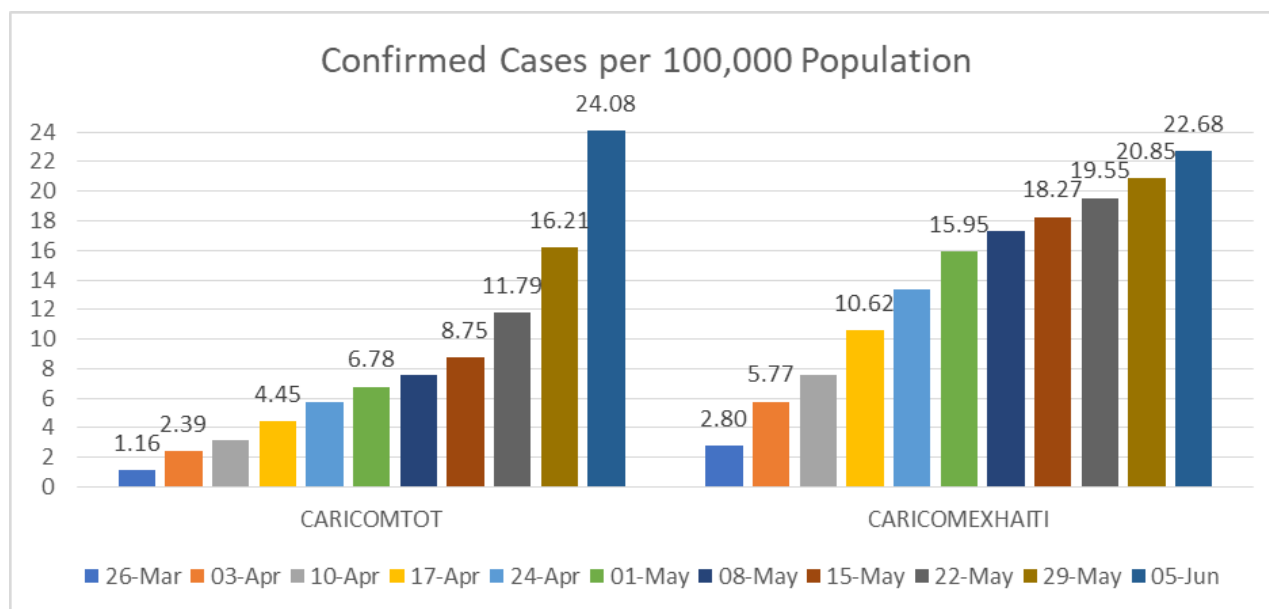
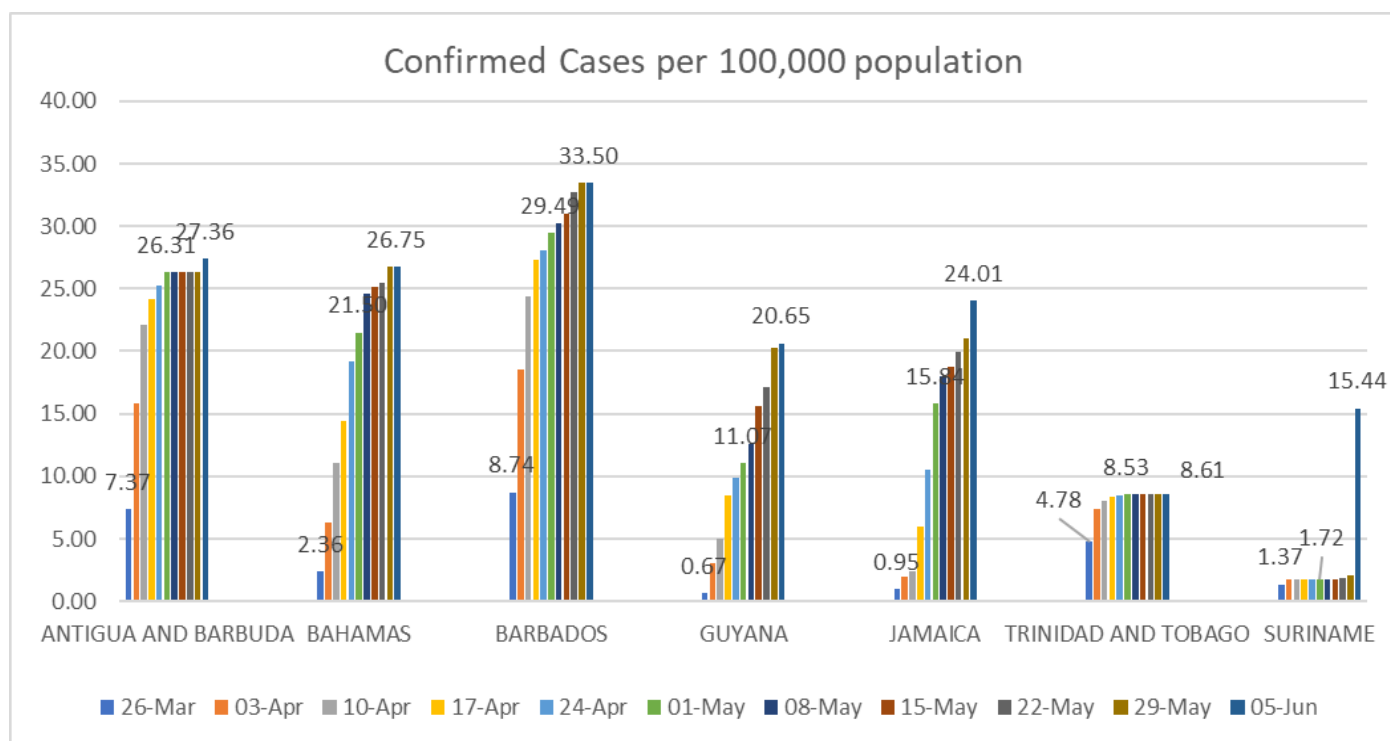


CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES 26 MARCH-5 JUNE



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CHART 3B: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS -26 MARCH-5 JUNE

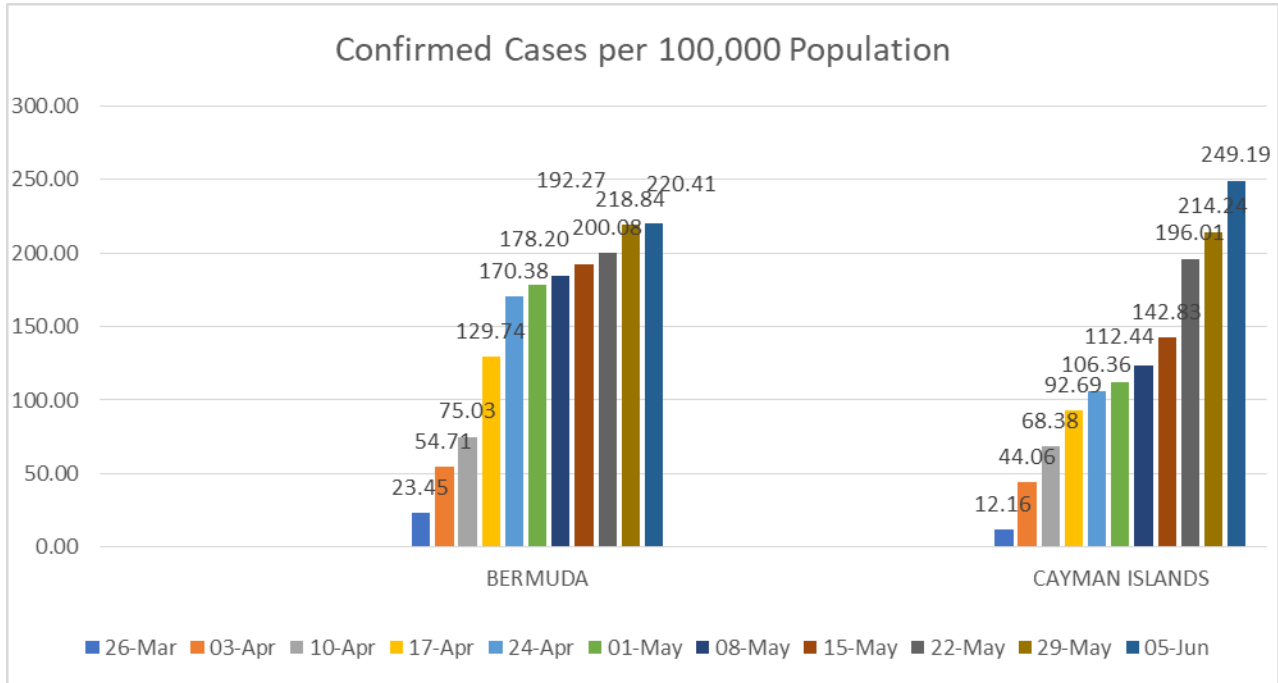
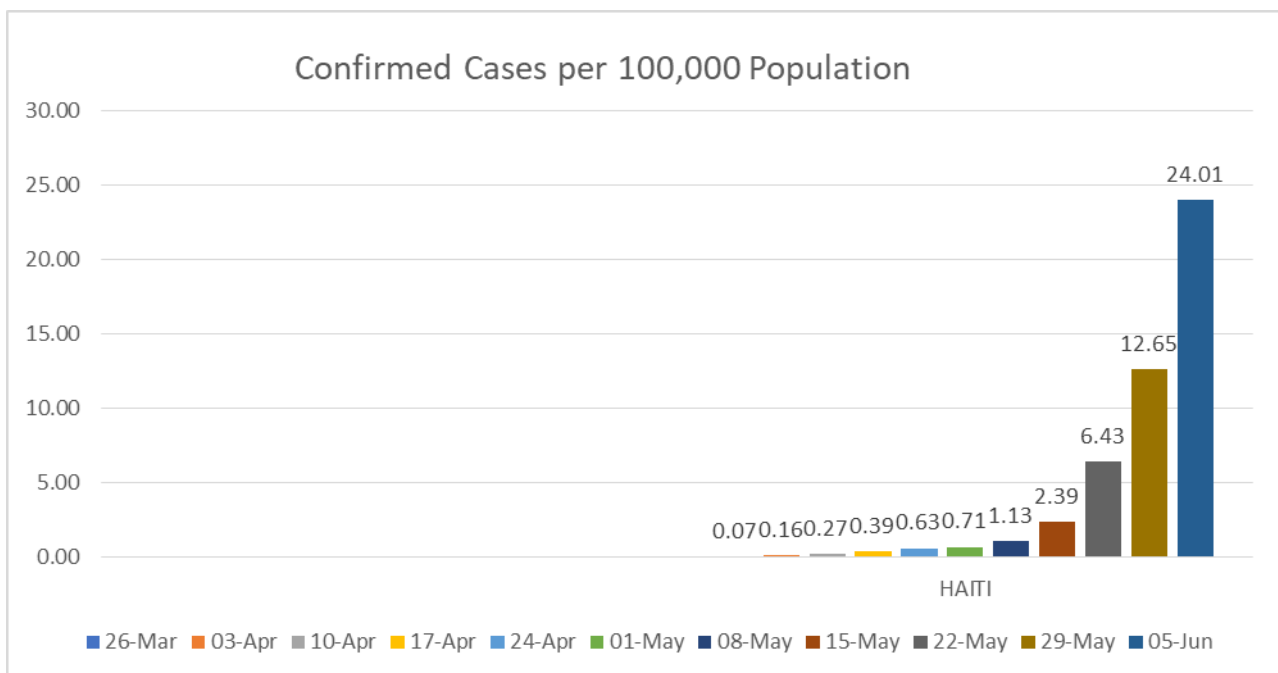
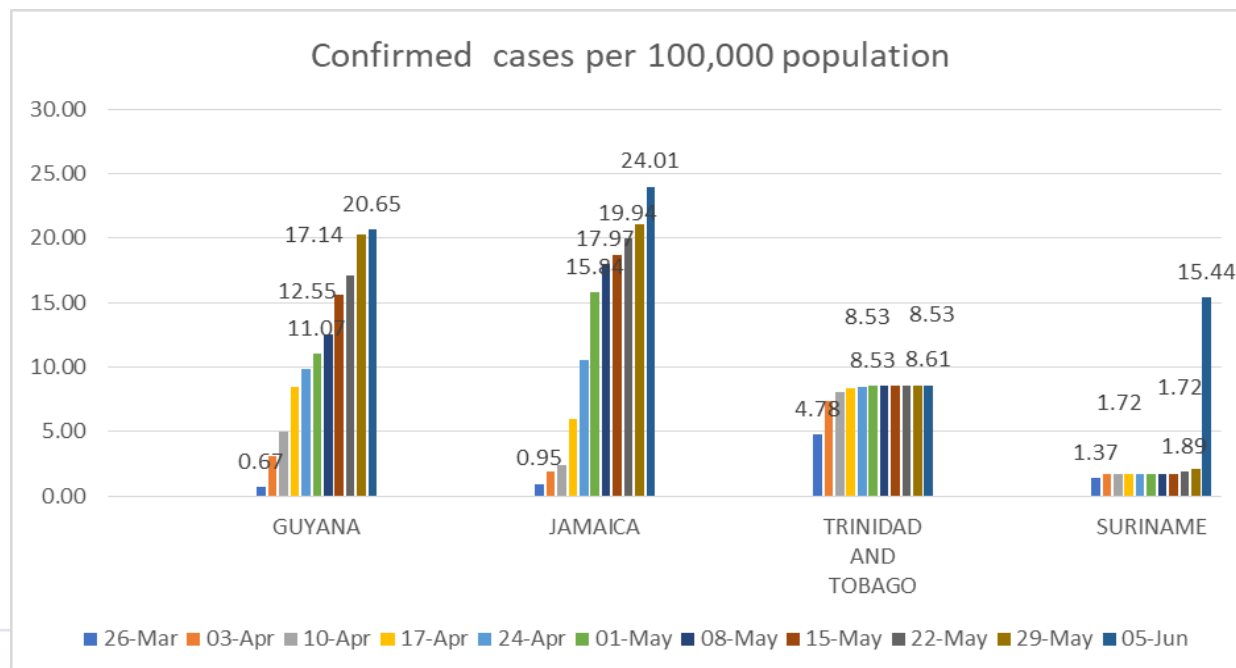


CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- HAITI - 26 MARCH– 5 JUNE

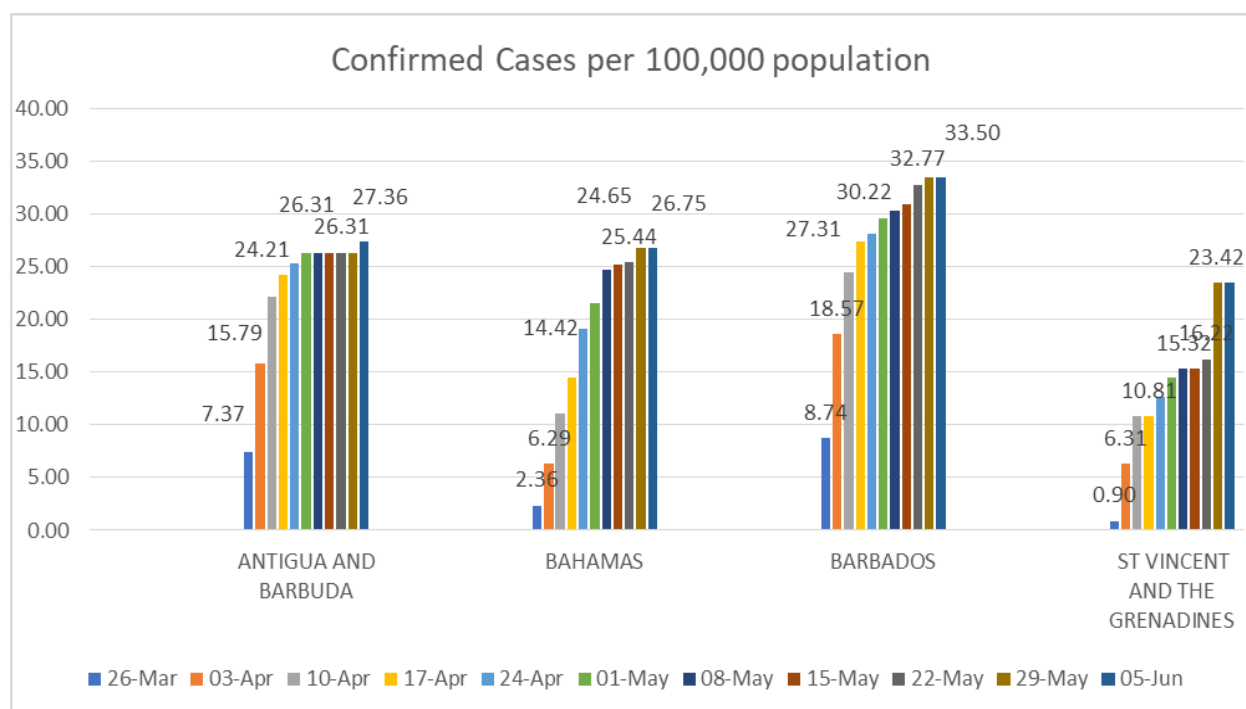


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**CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
GUYANA, JAMAICA, TRINIDAD AND TOBAGO AND SURINAME [NEW]
26 MARCH– 5 JUNE**



**CHART 3E: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
ANTIGUA AND BARBUDA, THE BAHAMAS, BARBADOS AND
ST. VINCENT AND THE GRENADINES [NEW]**



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**TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION
24 APRIL – 5 JUNE**

COUNTRY	DATE						
	24-Apr	01-May	08-May	15-May	22-May	29-May	05-June
CARICOM ALL COUNTRIES	0.33	0.37	0.41	0.46	0.49	0.55	0.64
CARICOM EXCL. HAITI	0.76	0.82	0.86	0.89	0.89	0.90	0.93
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	2.18	2.55	2.55	2.55	2.55	2.55	2.55
BERMUDA	7.82	9.38	10.94	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	1.08	1.21	1.35	1.35	1.35	1.48	1.62
HAITI	0.04	0.07	0.11	0.18	0.22	0.31	0.44
JAMAICA	0.26	0.29	0.33	0.33	0.33	0.33	0.37
MONTSERRAT	20.00	20.00	20.00	20.00	20.00	20.00	20.00
SURINAME	0.17	0.17	0.17	0.17	0.17	0.17	0.17
TRINIDAD & TOBAGO	0.59	0.59	0.59	0.59	0.59	0.59	0.59
TURKS AND CAICOS ISLANDS	2.42	2.42	2.42	2.42	2.42	2.42	2.42

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

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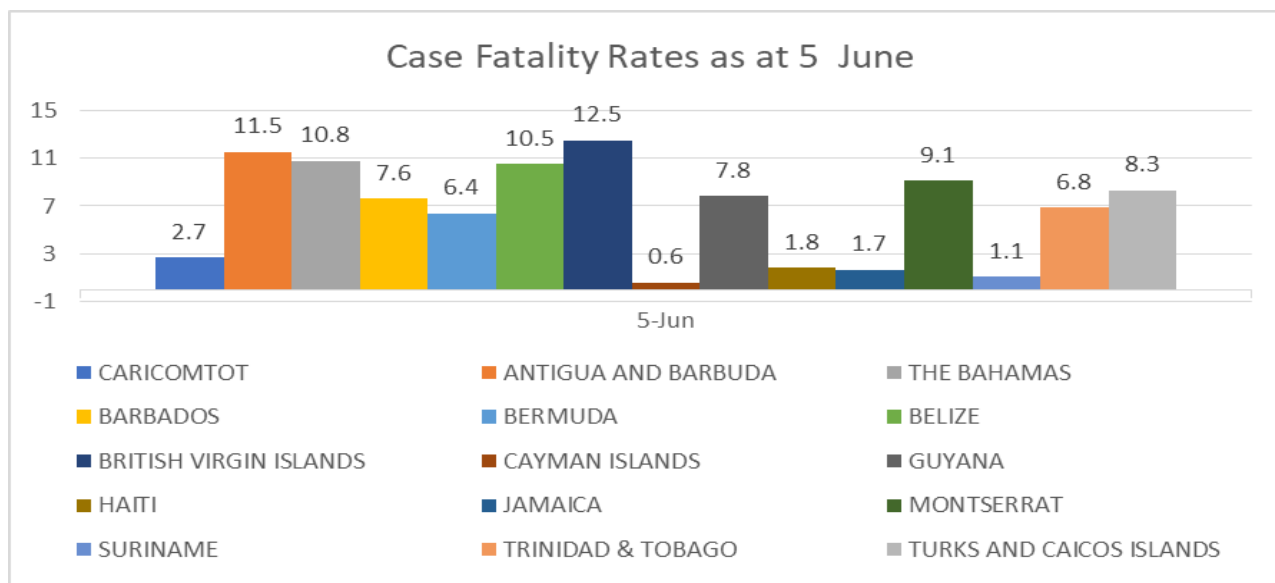
**TABLE 3A: DEATHS AS A PERCENTAGE OF THE NUMBER OF
CONFIRMED CASES– CASE FATALITY RATES –24 APRIL – 5 JUNE**

COUNTRY	DATE						
	24-Apr	01-May	08-May	15-May	22-May	29-May	05-Jun
CARICOM– ALL COUNTRIES	5.8	5.4	5.4	5.3	4.2	3.4	2.7
ANTIGUA AND BARBUDA	12.5	12.0	12.0	12.0	12.0	12.0	11.5
THE BAHAMAS	15.1	13.4	11.7	11.5	11.3	10.8	10.8
BARBADOS	7.8	8.6	8.4	8.2	7.8	7.6	7.6
BERMUDA	4.6	5.3	5.9	7.3	7.0	6.4	6.4
BELIZE	11.1	11.1	11.1	11.1	11.1	11.1	10.5
BRITISH VIRGIN ISLANDS	20.0	16.7	14.3	12.5	12.5	12.5	12.5
CAYMAN ISLANDS	1.4	1.4	1.2	1.1	0.8	0.7	0.6
GUYANA	11.0	11.0	10.8	8.6	7.9	7.3	7.8
HAITI	6.9	9.9	9.3	7.3	3.4	2.4	1.8
JAMAICA	2.4	1.9	1.8	1.8	1.7	1.6	1.7
MONTSERRAT	9.1	9.1	9.1	9.1	9.1	9.1	9.1
SURINAME	10.0	10.0	10.0	10.0	9.1	8.3	1.1
TRINIDAD & TOBAGO	7.0	6.9	6.9	6.9	6.9	6.9	6.8
TURKS AND CAICOS ISLANDS	9.1	8.3	8.3	8.3	8.3	8.3	8.3

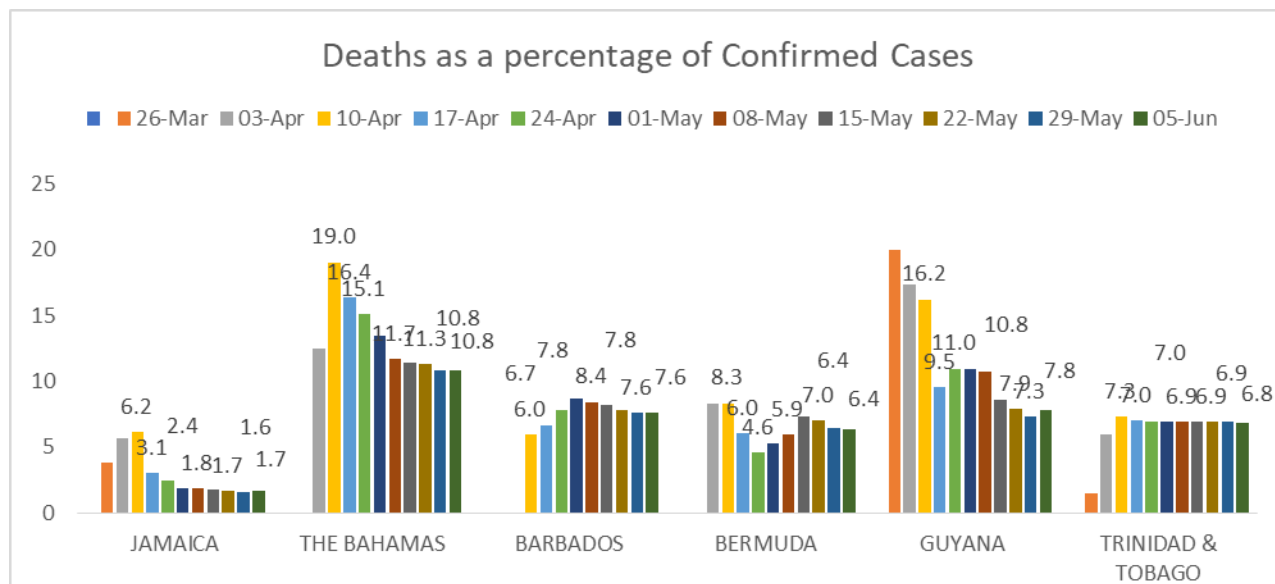
Note: The number of deaths to confirmed cases reflects a fatality rate that does not take the population size into consideration. Please check previous issues for values for earlier periods.

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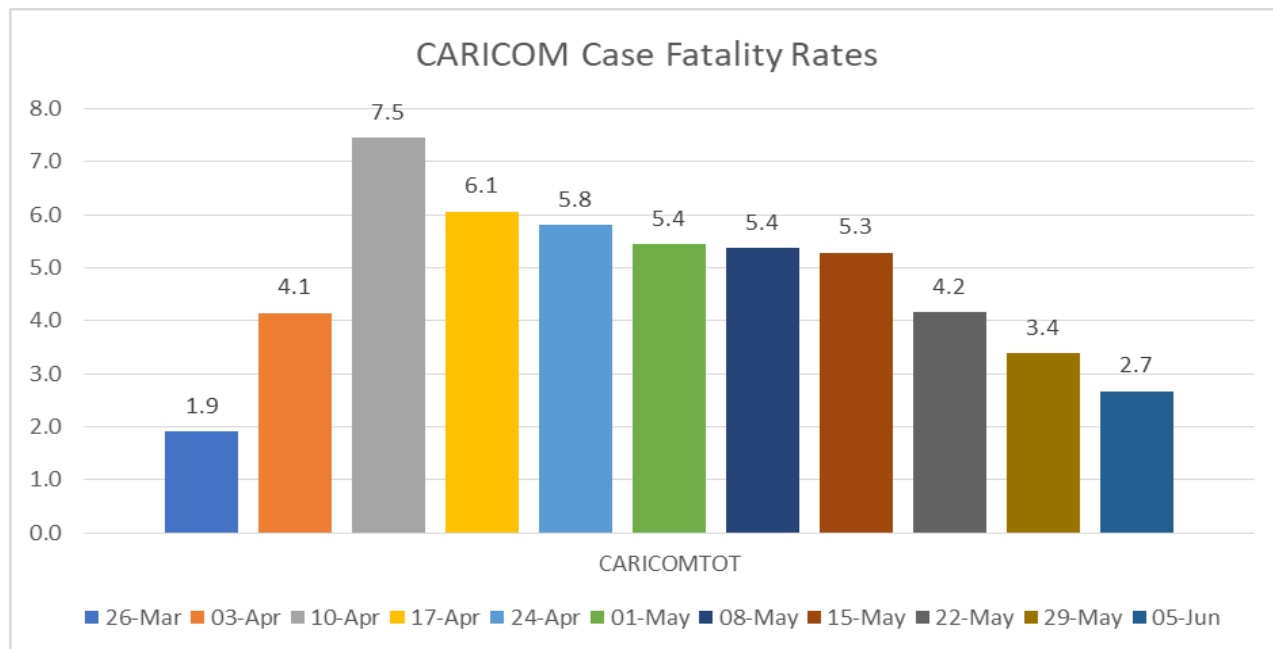
**CHART 4: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
ALL COUNTRIES-CASE FATALITY RATES AS AT 5 JUNE**



**CHART 4A: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
SELECTED COUNTRIES-CASE FATALITY RATES 26 MARCH– 5 JUNE**

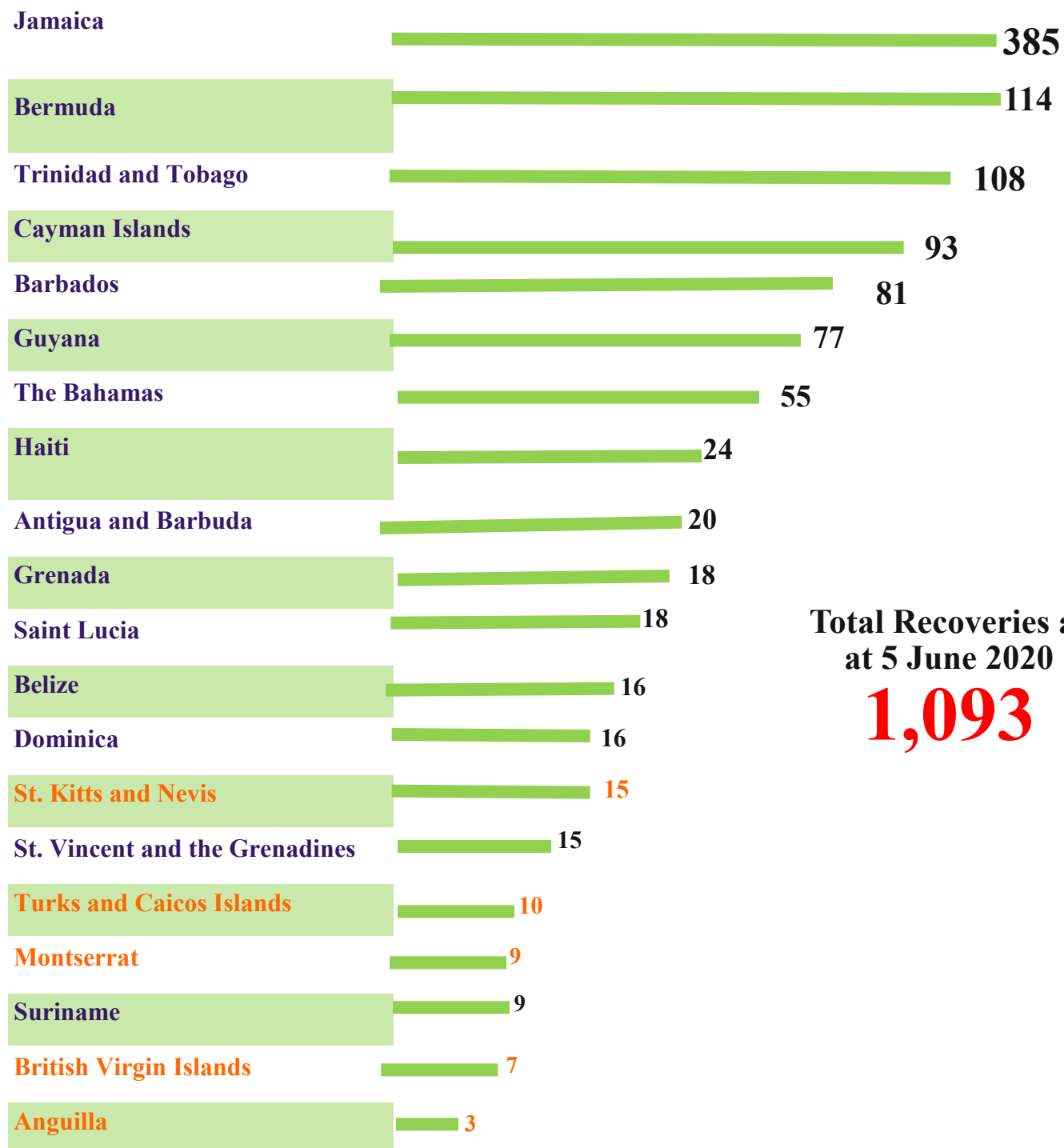


**CHART 4B: CARICOM—ALL COUNTRIES- CASE FATALITY RATES
26 MARCH - 5 JUNE**



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SUMMARY OF RECOVERED CASES AS AT 5 JUNE 2020



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

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TABLE 4: ACTIVE CASES, RECOVERIES, NUMBER OF TESTS CONDUCTED AND HOSPITALISATIONS AS AT 5 JUNE 2020

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPITALISATIONS
Jamaica	595	385	200	13993	28
Bermuda	141	114	18	7891	6
Trinidad and Tobago	117	108	1	3325	0
Cayman Islands	164	93	70	13947	0
Barbados	92	81	4	5812	
Guyana	153	77	64	1752	
The Bahamas	102	55	36	2156	2
Haiti	2740	24	2666	5900	371
Antigua and Barbuda	26	20	3	488	
Grenada	23	18	4	661	
Saint Lucia	19	18	1	1012	
Belize	19	16	1	1671	
Dominica	18	16	2	534	
St Kitts and Nevis	15	15	0	407	0
St Vincent and the Grenadines	26	15	11	600	
Turks and Caicos Islands	12	10	0	192	0
Montserrat	11	9	0	41	0
Suriname	90	9	80	782	79
British Virgin Islands	8	7	0	185	0
Anguilla	3	3	0	41	0
TOTAL	4374	1093	3161		

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

All active cases in **Anguilla, British Virgin Islands, Montserrat, St Kitts and Nevis, and Turks and Caicos Islands** have recovered and no new cases have appeared in the reporting period for these countries. **Belize, Saint Lucia and Trinidad and Tobago** that previously had all active cases recovered, now have **1** active case each and **Dominica** that also had all active cases recovered has **2** active cases as at the end of the reporting period. **Suriname** that at one point in time also had all active cases recovered now has **80** active cases.

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

COUNTRY	NO. OF TESTS	NO. OF TESTS PER 100,000 POPULATION
Jamaica	13993	513.0
Trinidad and Tobago	3325	244.6
Bermuda	7891	12334.9
Barbados	5812	2116.3
Cayman Islands	13947	21191.9
Guyana	1752	236.4
The Bahamas	2156	565.4
Haiti	5900	51.7
Antigua and Barbuda	488	513.6
Saint Lucia	1012	565.4
Grenada	661	593.0
Belize	1671	419.8
Dominica	534	741.7
St Kitts and Nevis	407	767.9
St Vincent and the Grenadines	600	540.5
Turks and Caicos Islands	192	464.9
Montserrat	62	1240.0
Suriname	782	134.1
British Virgin Islands	185	634.6

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

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

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

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

18 APRIL - 5 JUNE 2020

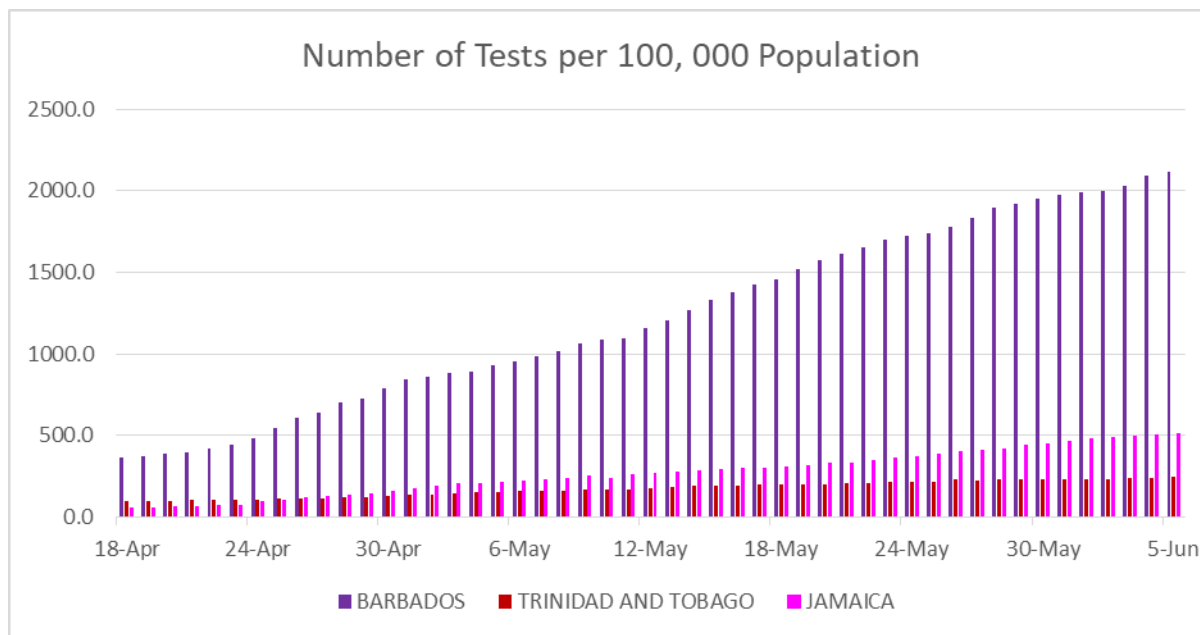
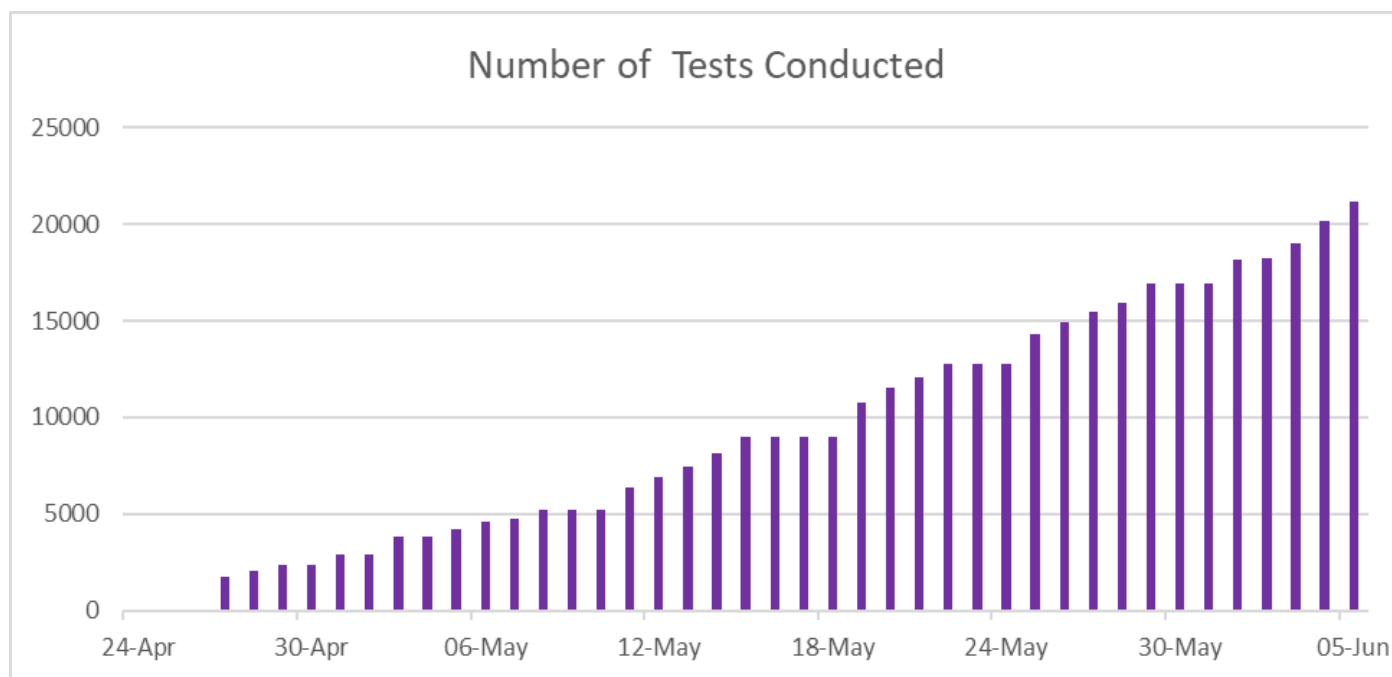


CHART 5A: NUMBER OF TESTS PER 100, 000 POPULATION— CAYMAN ISLANDS

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CHART 5B: NUMBER OF RECOVERIES - BARBADOS

18 APRIL - 5 JUNE 2020

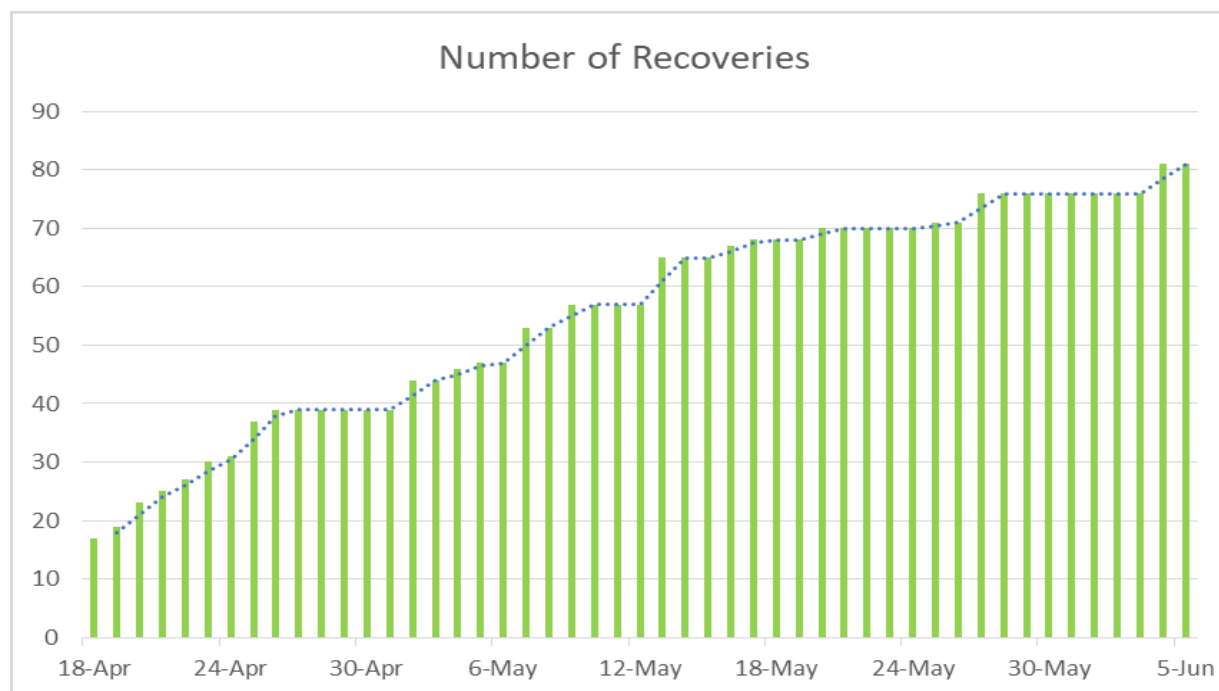
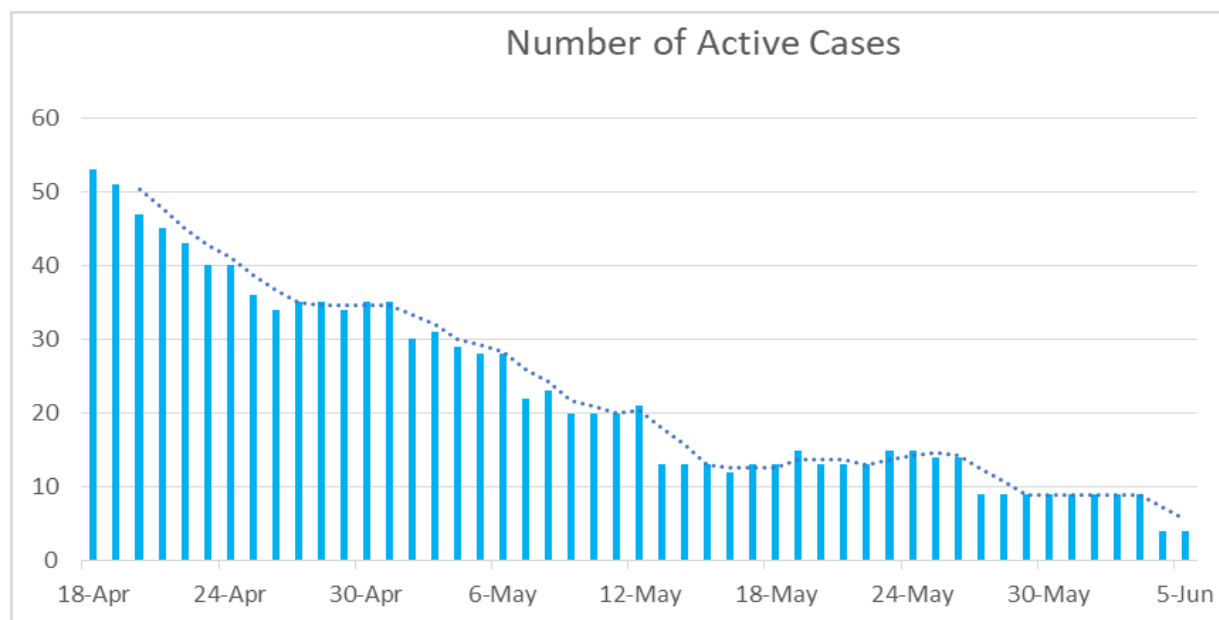


CHART 5C: NUMBER OF ACTIVE CASES - BARBADOS

18 APRIL - 5 JUNE 2020



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CHART 5D: NUMBER OF TESTS CONDUCTED - BARBADOS

18 APRIL - 5 JUNE 2020

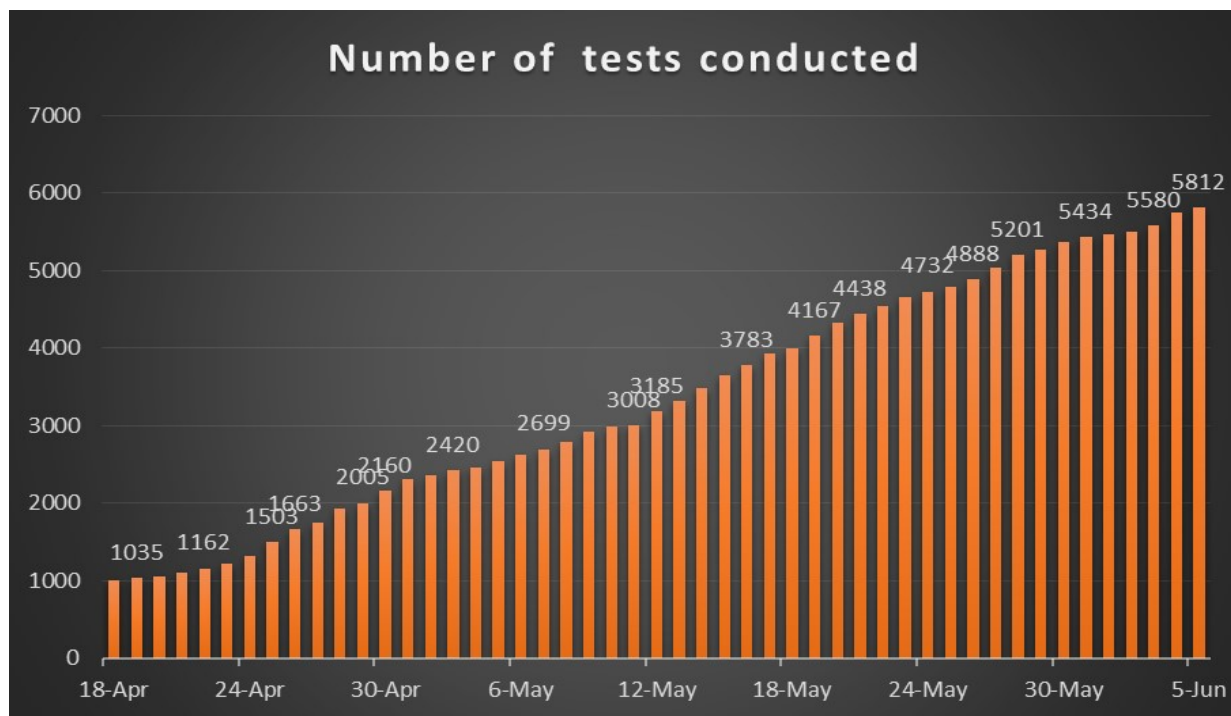
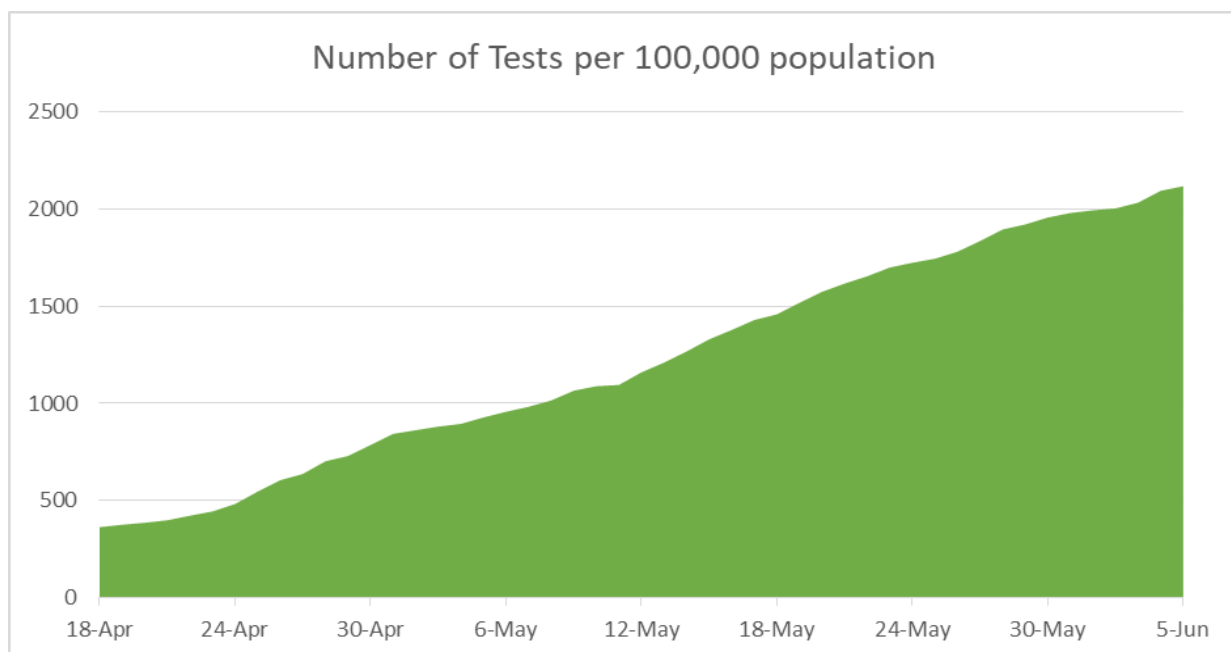


CHART 5E: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - BARBADOS

18 APRIL - 5 JUNE 2020



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

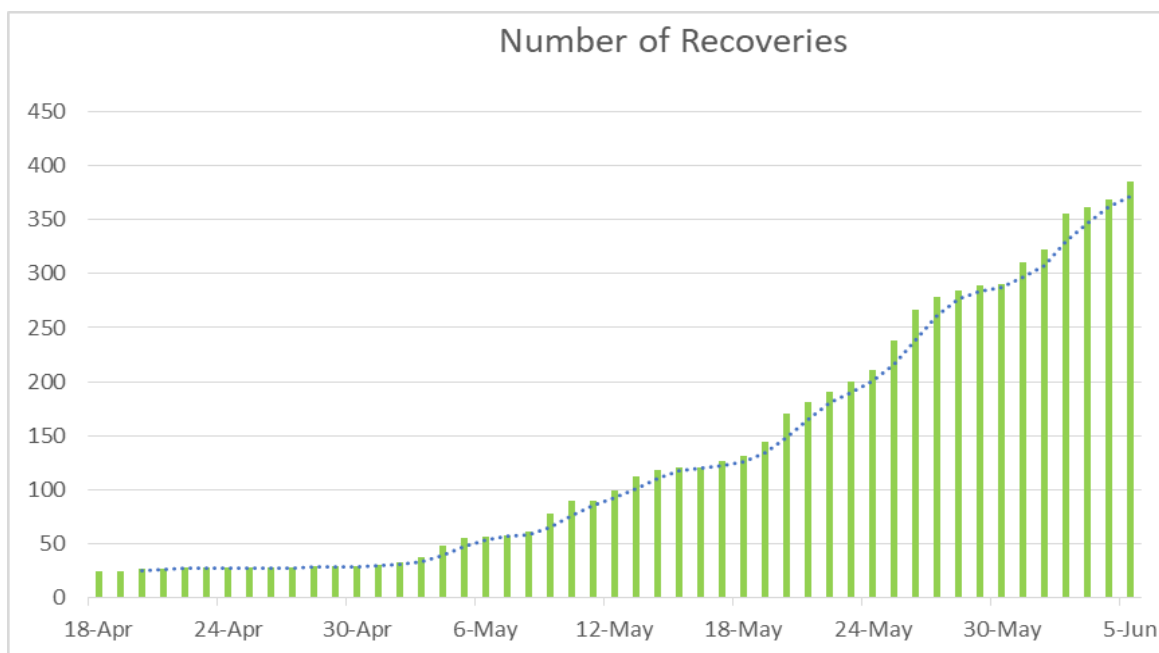
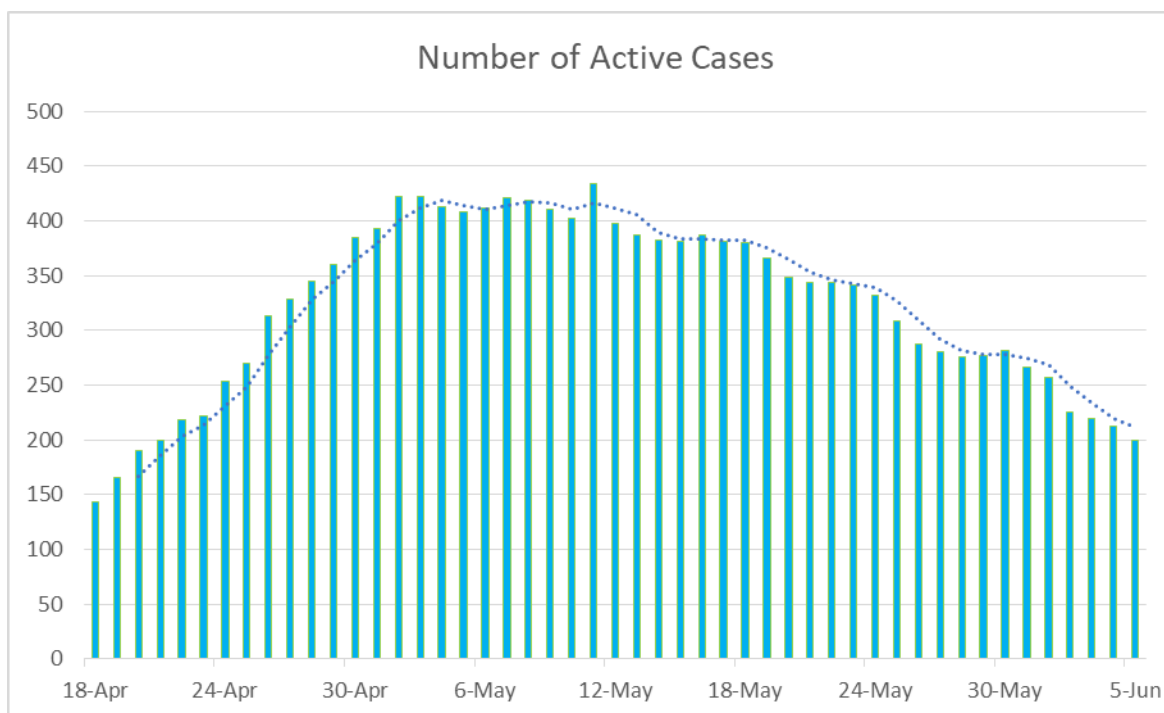


CHART 5G: NUMBER OF ACTIVE CASES - JAMAICA
18 APRIL - 5 JUNE 2020



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

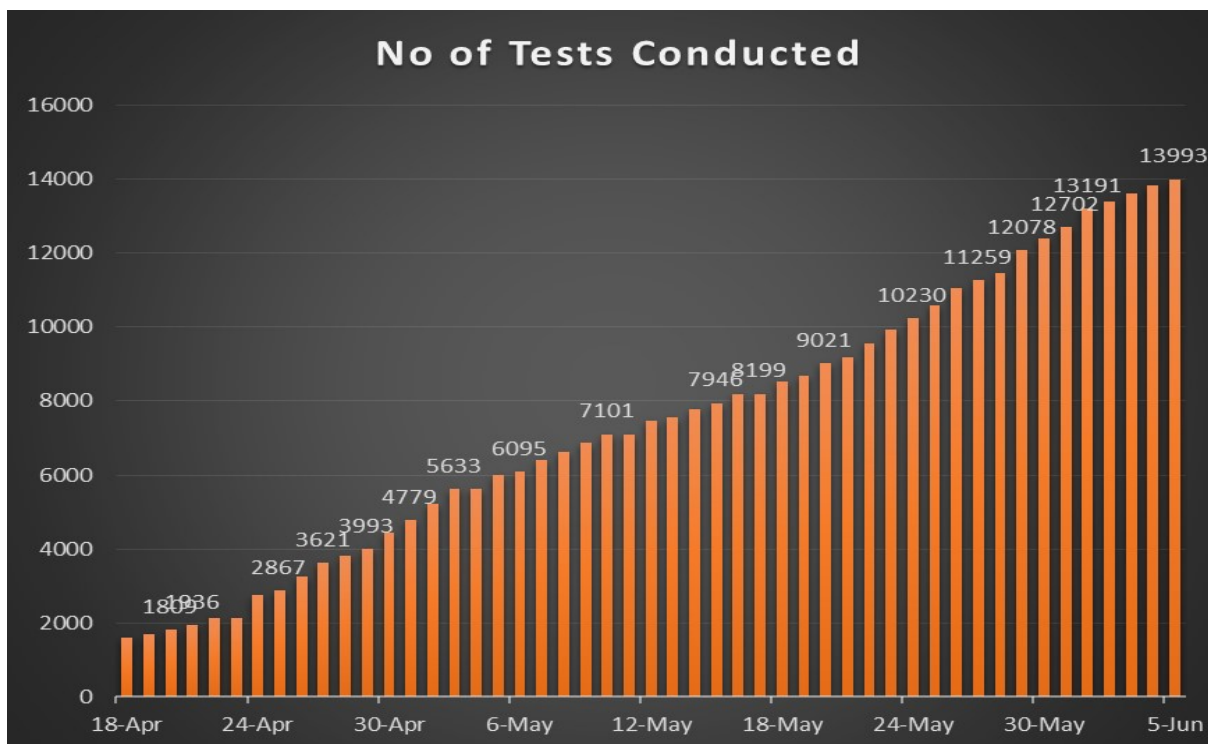
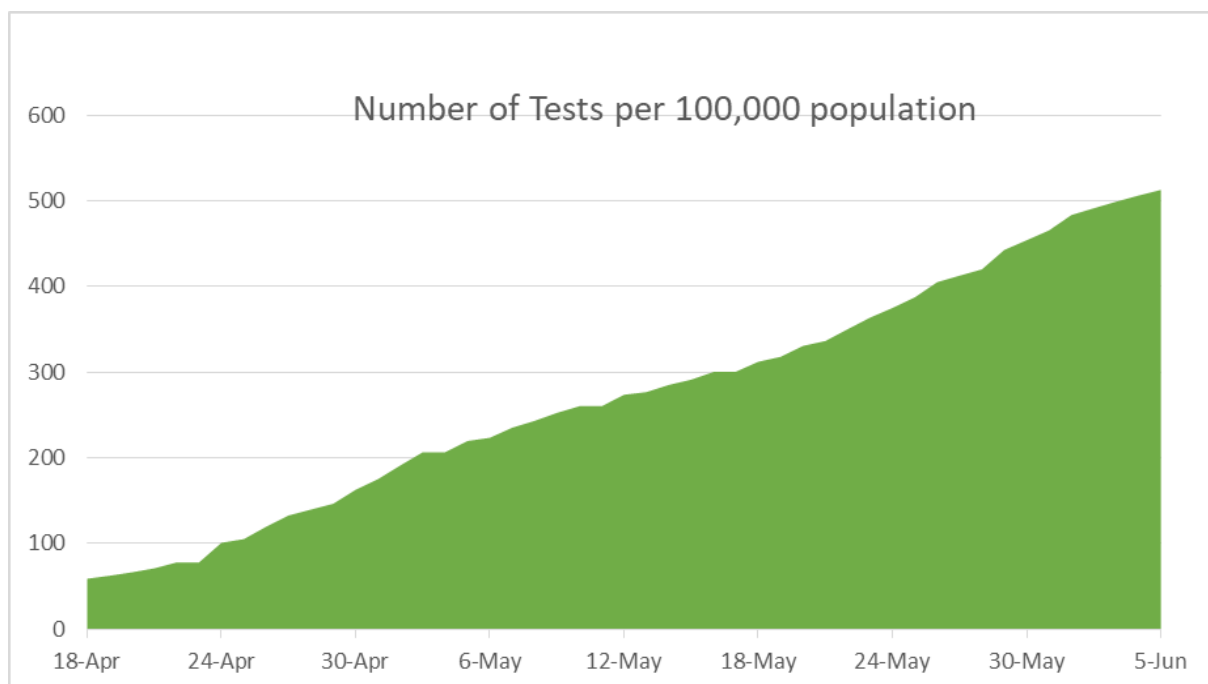


CHART 5I: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - JAMAICA
18 APRIL - 5 JUNE 2020



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

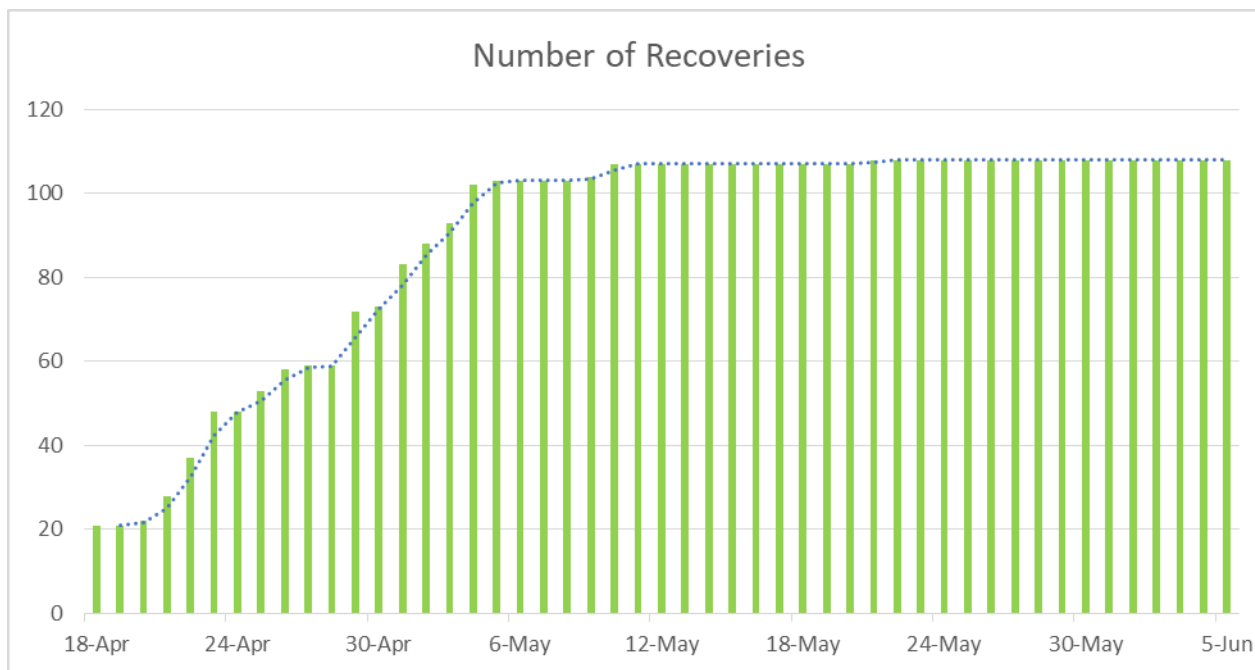
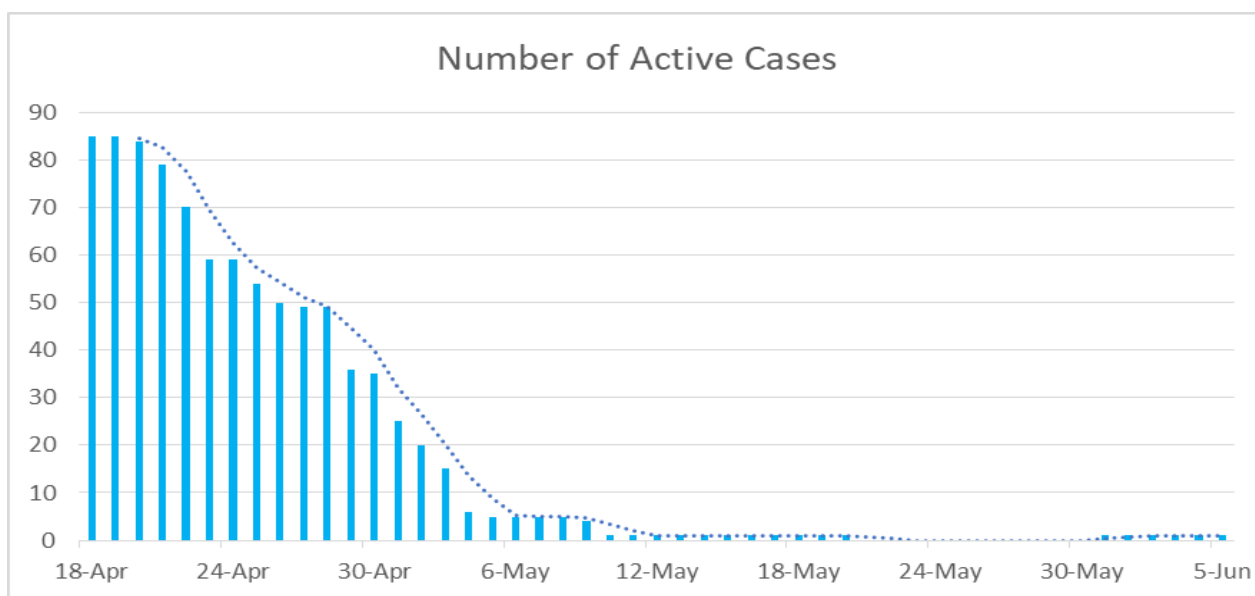


CHART 5K: NUMBER OF ACTIVE CASES- TRINIDAD AND TOBAGO
18 APRIL - 5 JUNE 2020



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

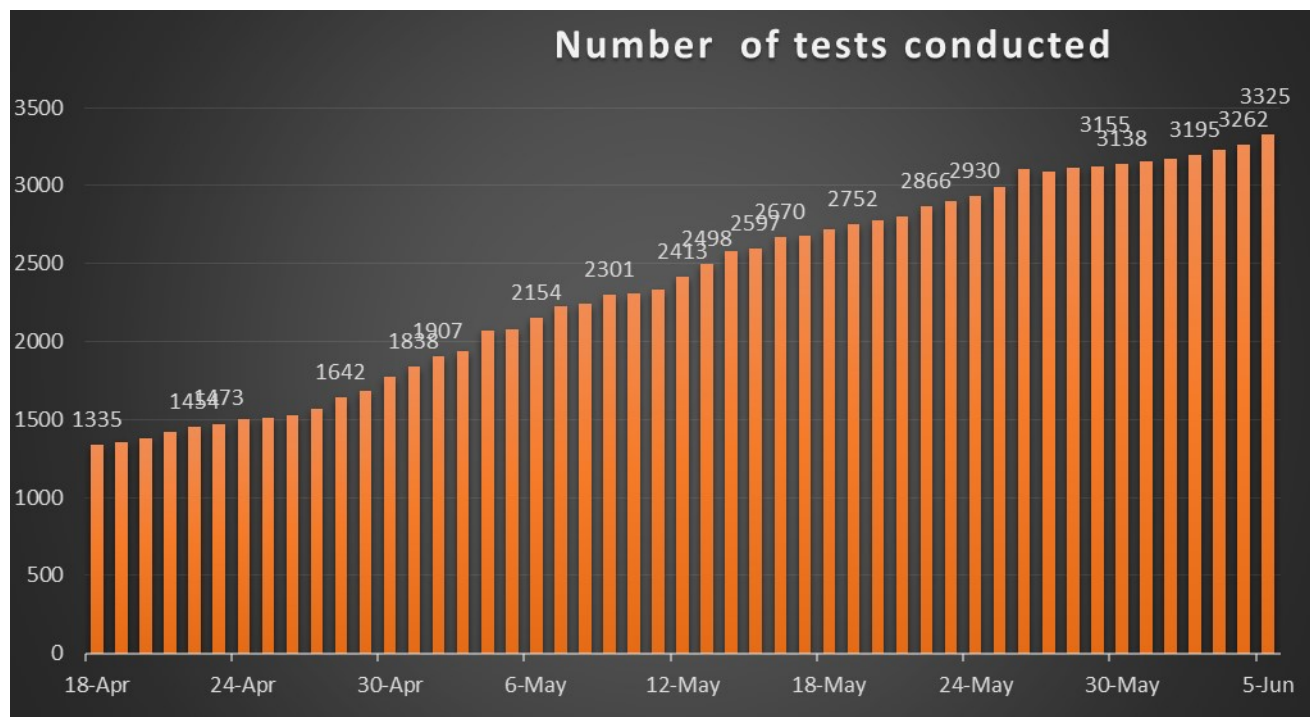
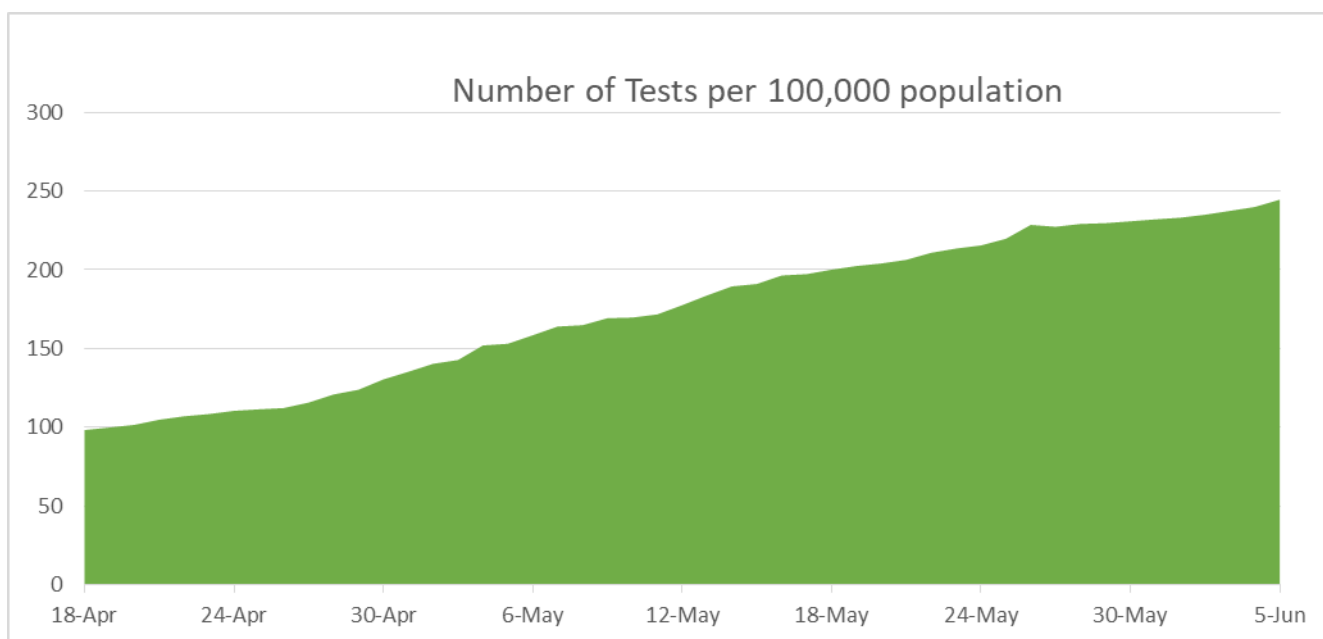


CHART 5M: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - TRINIDAD AND TOBAGO
18 APRIL - 5 JUNE 2020



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

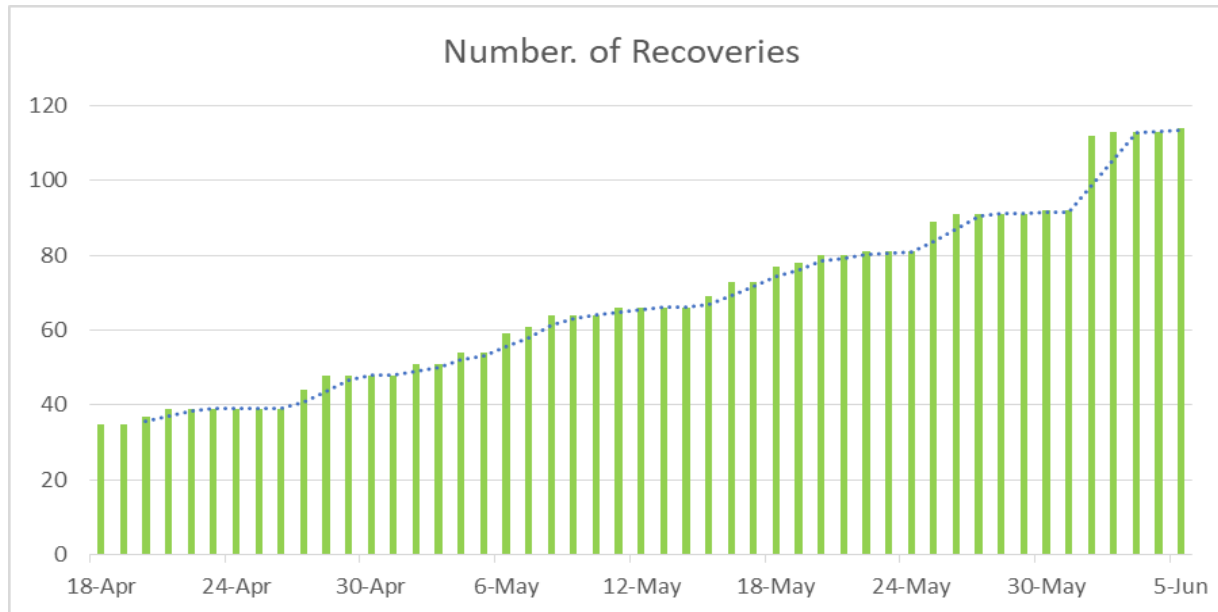
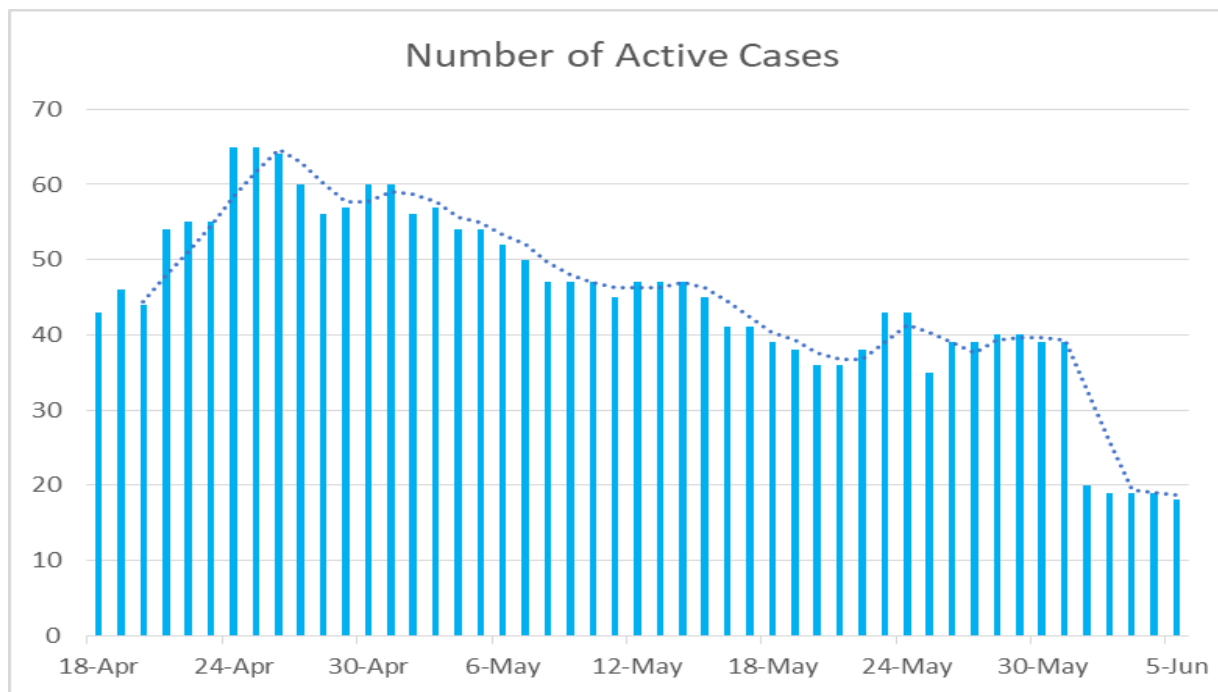


CHART 5O: NUMBER OF ACTIVE CASES - BERMUDA
18 APRIL - 5 JUNE 2020



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

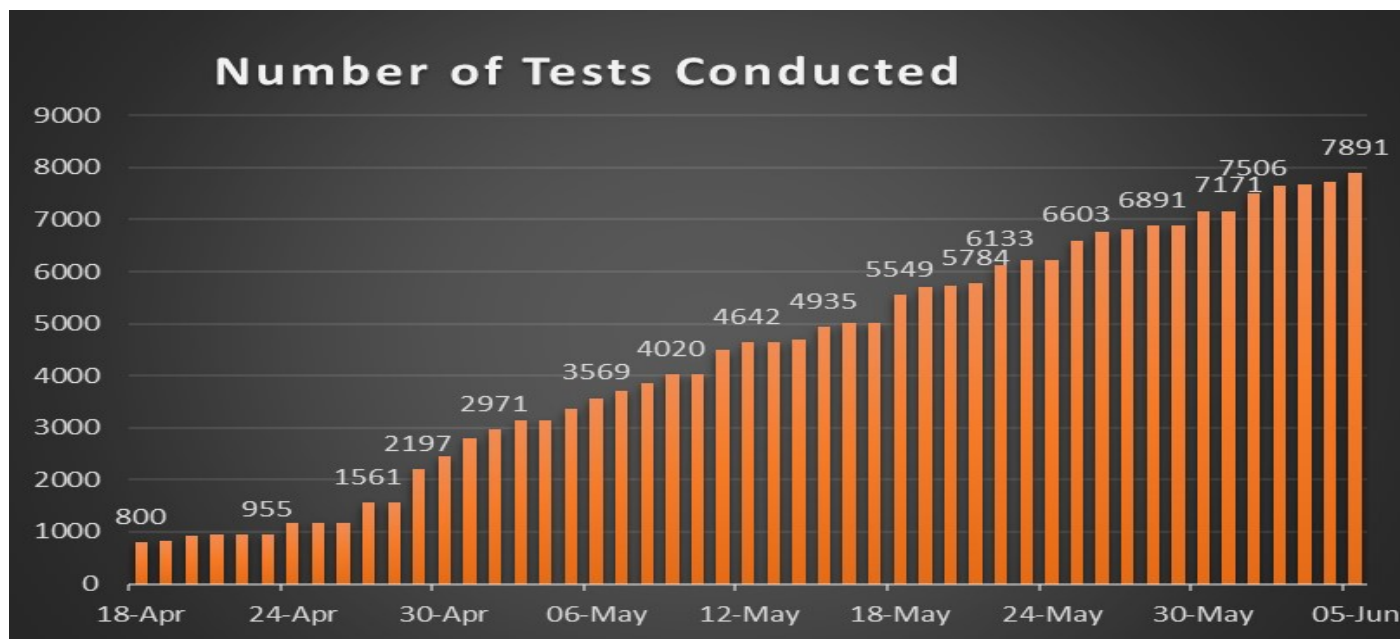
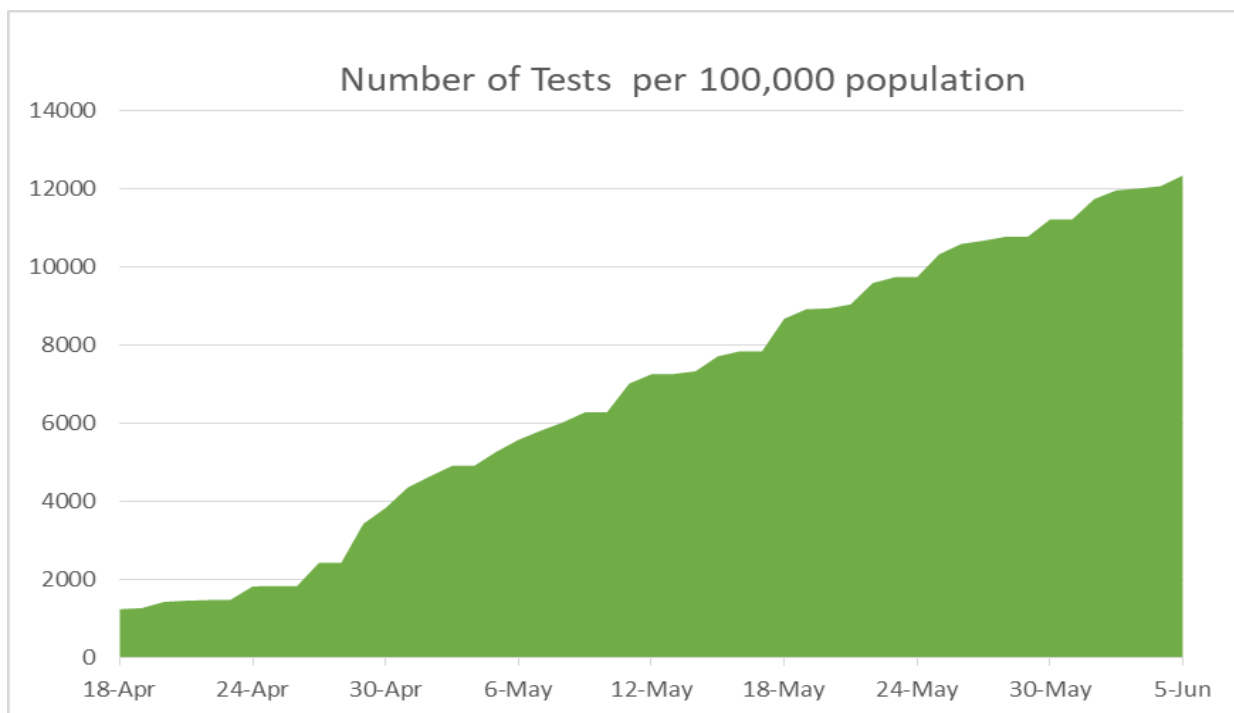






CHART 5Q: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - BERMUDA
18 APRIL - 5 JUNE 2020



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TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 5 JUNE 2020

Country	Imported Transmission 	Local Transmission  Local	Community Transmission 	Under Investigation 
Trinidad and Tobago	85	24	1	7
Guyana	4	149	0	0
Bermuda	41	84	11	5
Jamaica	96	452	27	20
St. Vincent and the Grenadines	20	6	-	-

Note: There are differences in the classification of mode of transmission across countries. For example, Community Transmission, which according to international guidelines, reflects in part “Local Transmission with no epidemiological Link” is largely not used. In the case of Jamaica, approximately 235 cases in this category are linked to the workplace cluster and are placed under local transmission rather than Under Investigation. **Please see Issue 2 for explanations on Mode of Transmission.**

TABLE 7: CONFIRMED CASES BY SEX - SELECTED COUNTRIES AS AT 5 JUNE 2020



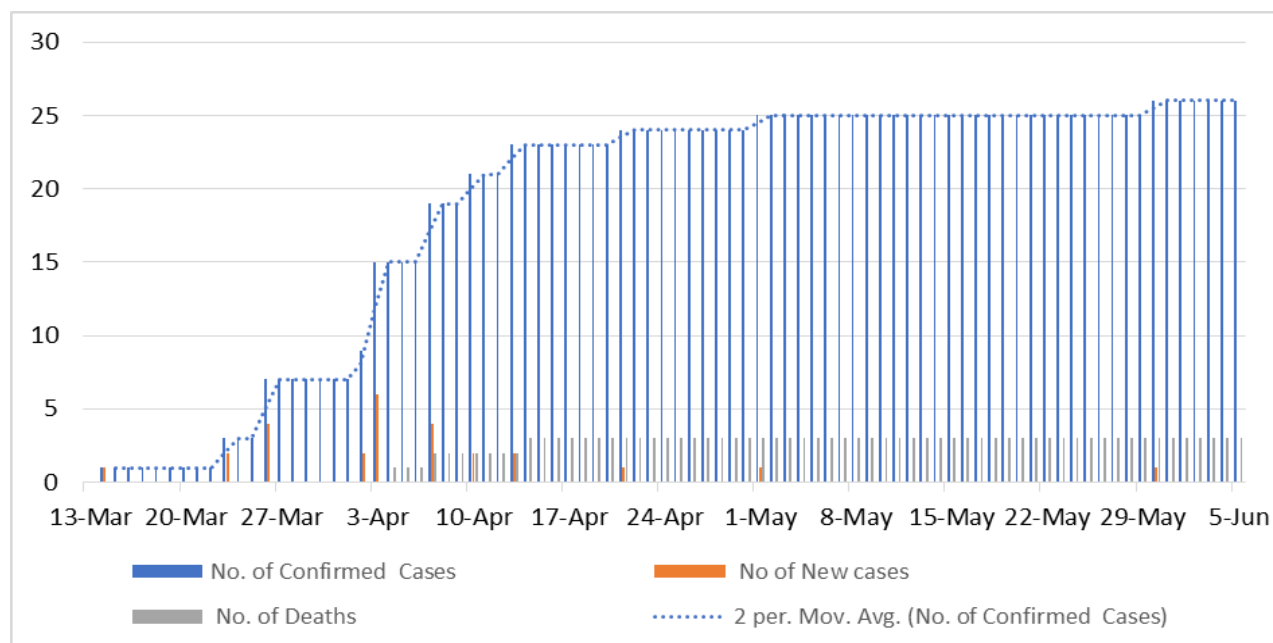
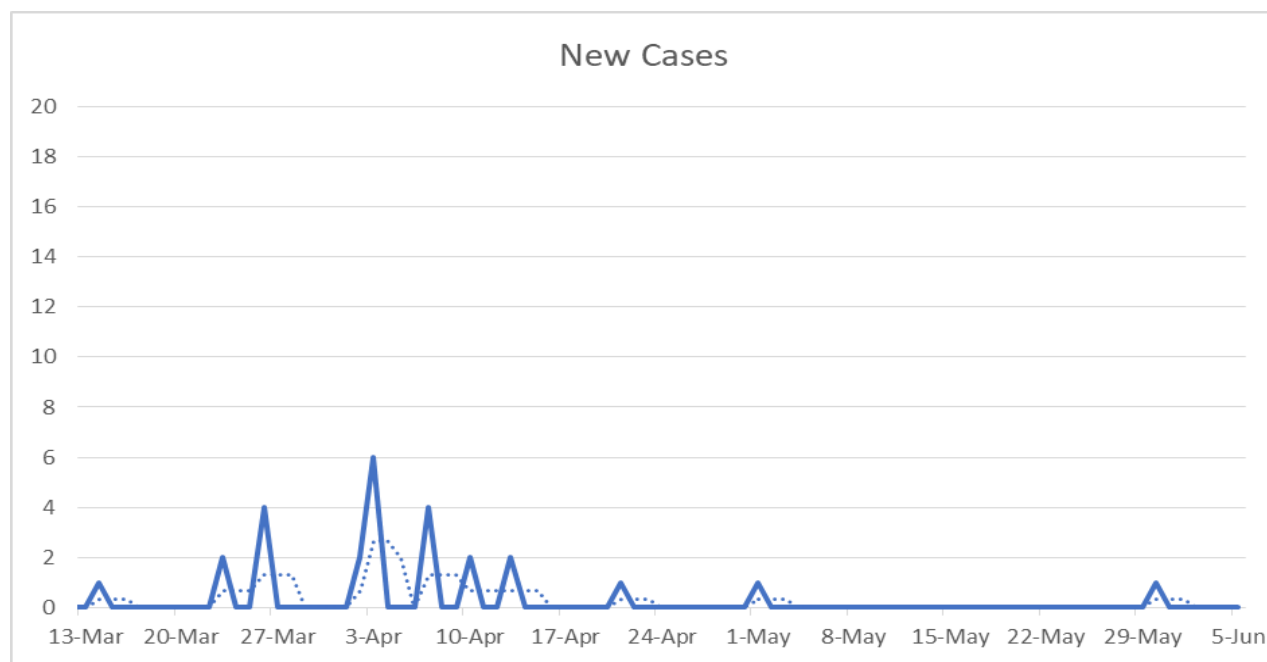
Country			Not Stated
Jamaica	254	341	
Barbados	43	49	
Trinidad and Tobago	46	63	8
Bermuda	60	81	
Haiti	1625	1115	
Belize	10	9	
Cayman Islands	92	71	

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

Note: Antigua and Barbuda had a new case on **30 May** during the current reporting period. Its previous new case was on 1 May. The number of confirmed cases stood at **26** as at 5 June.

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CHART 7: THE BAHAMAS

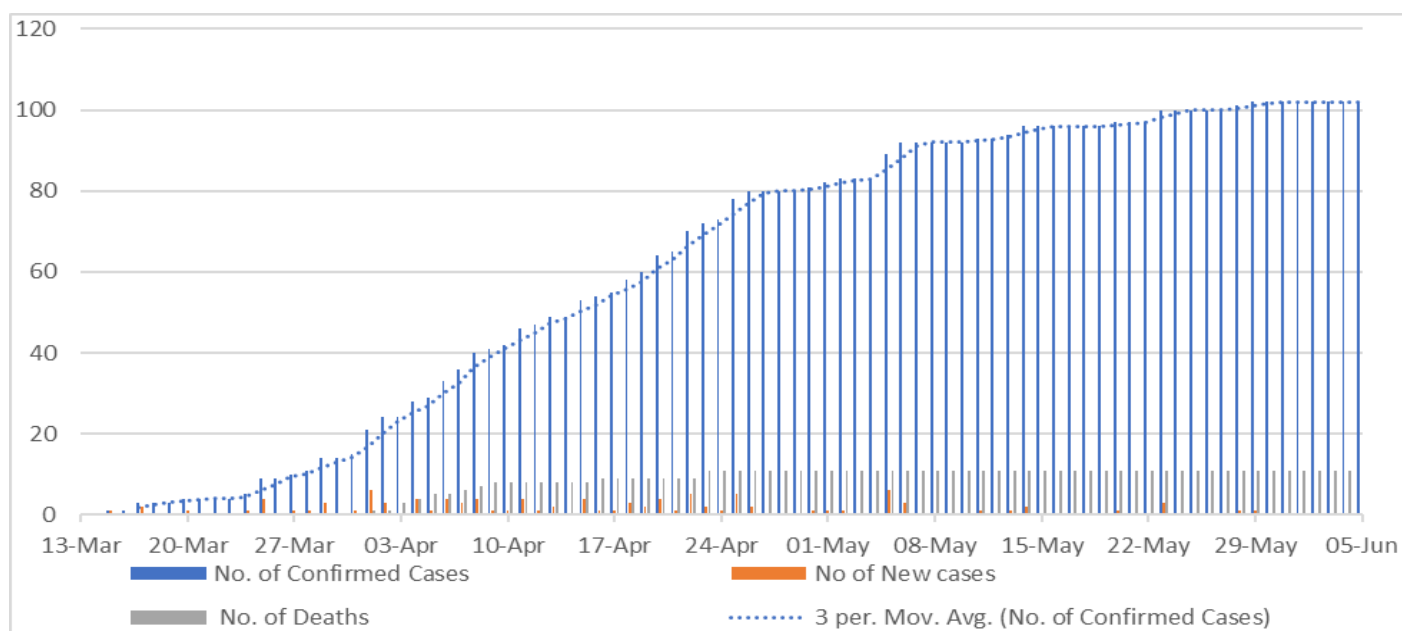
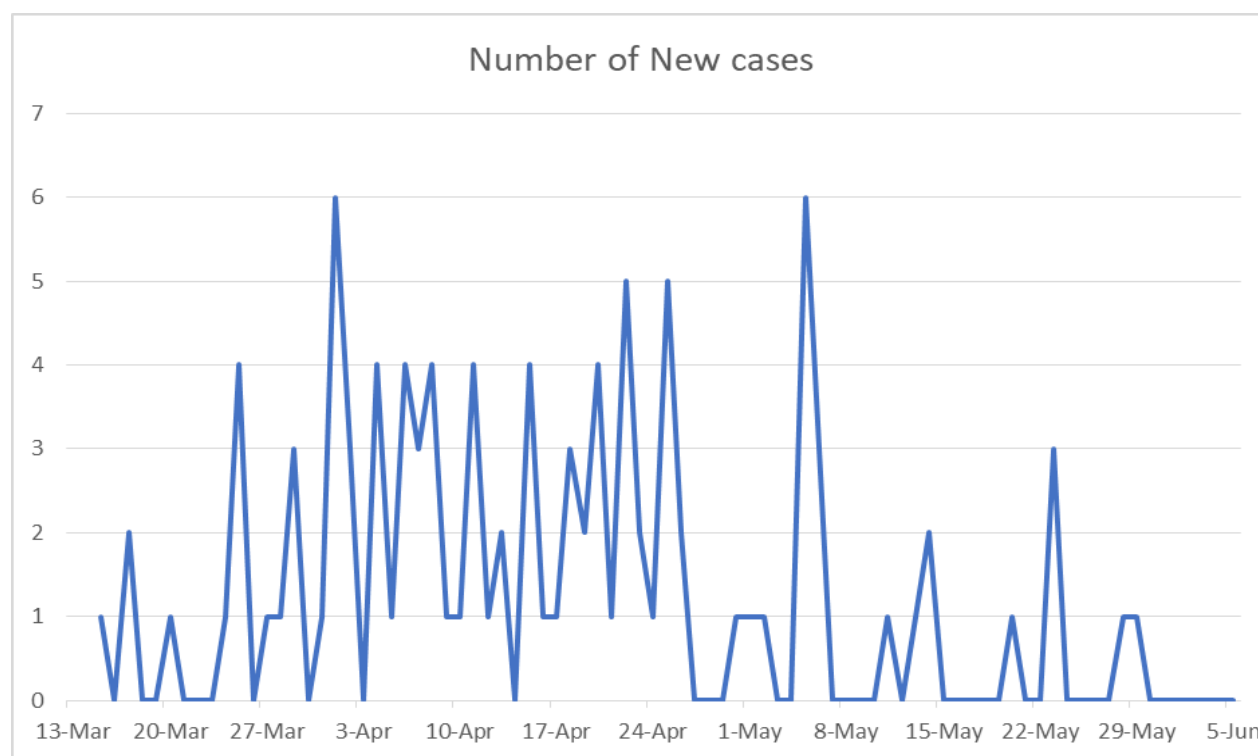
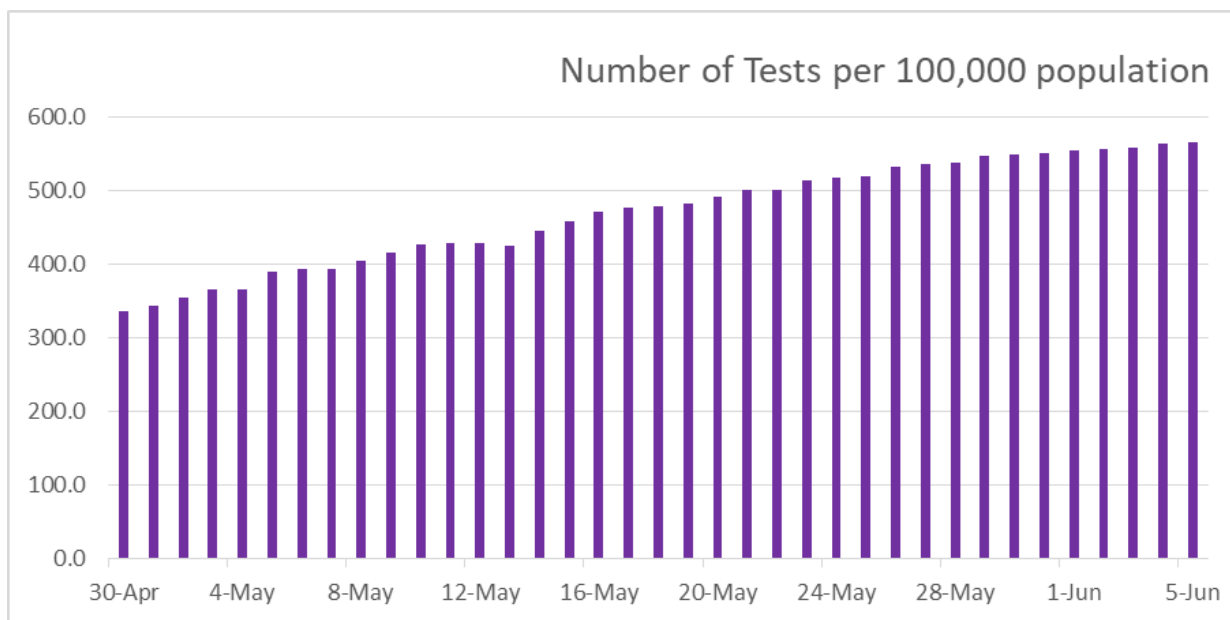


CHART 7A: THE BAHAMAS



Note: After experiencing 5 new cases during the week of **23-29 May**, The Bahamas had **no** new cases during the week of **30 May –6 June**. The number of confirmed cases remained at **102**.

CHART 7B: THE BAHAMAS

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CHART 8: BARBADOS

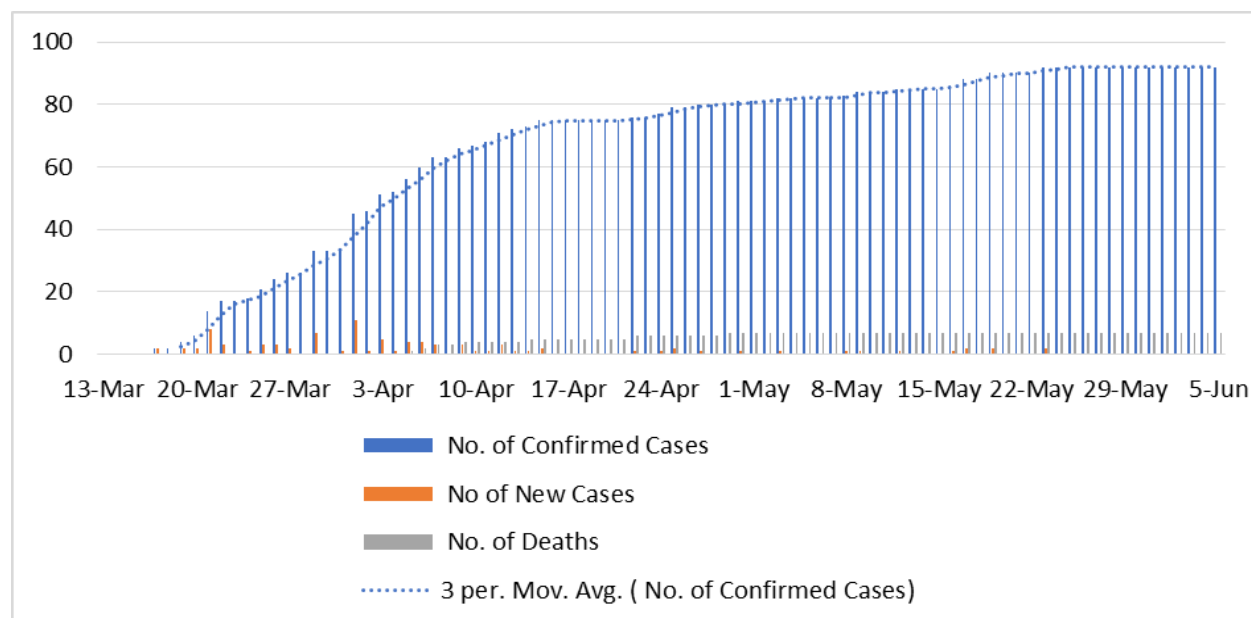
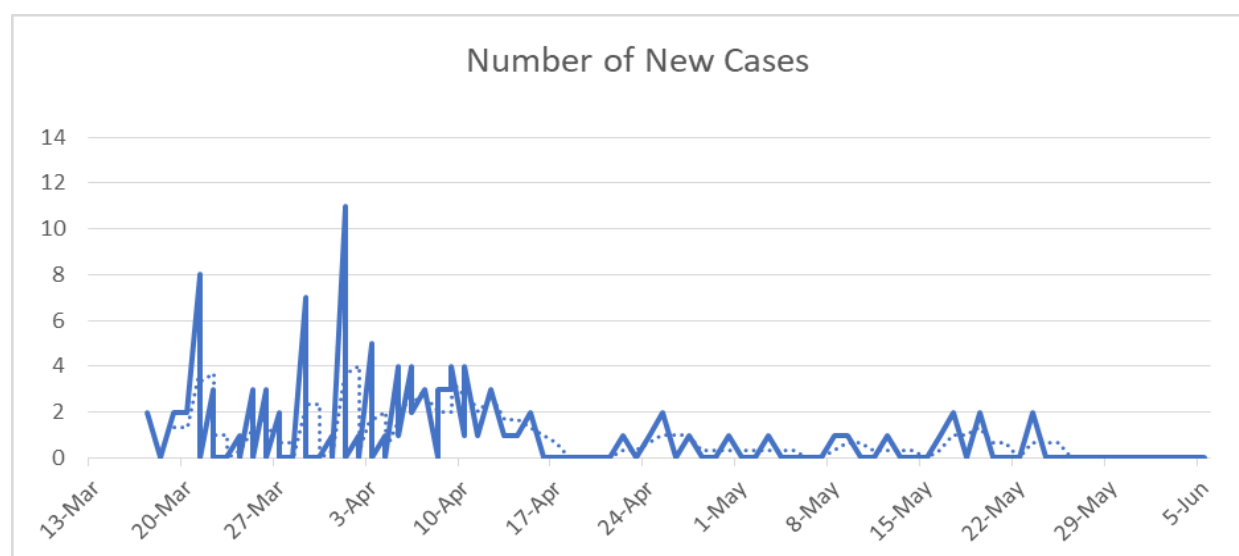


CHART 8A: BARBADOS



Note: Barbados **did not** experience any new cases during the reporting week, **30 May—5 June**. There were **2** new cases for Barbados during the week **23-29 May**. The number of confirmed cases remained at **92**.

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CHART 9: BELIZE

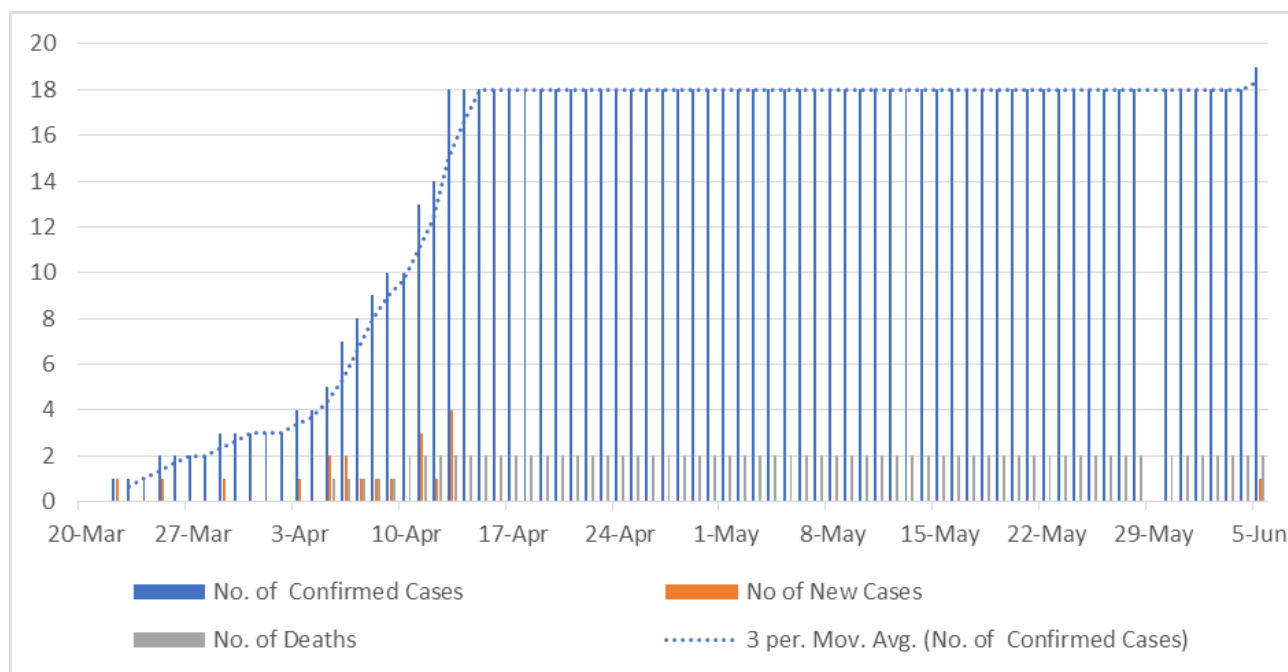
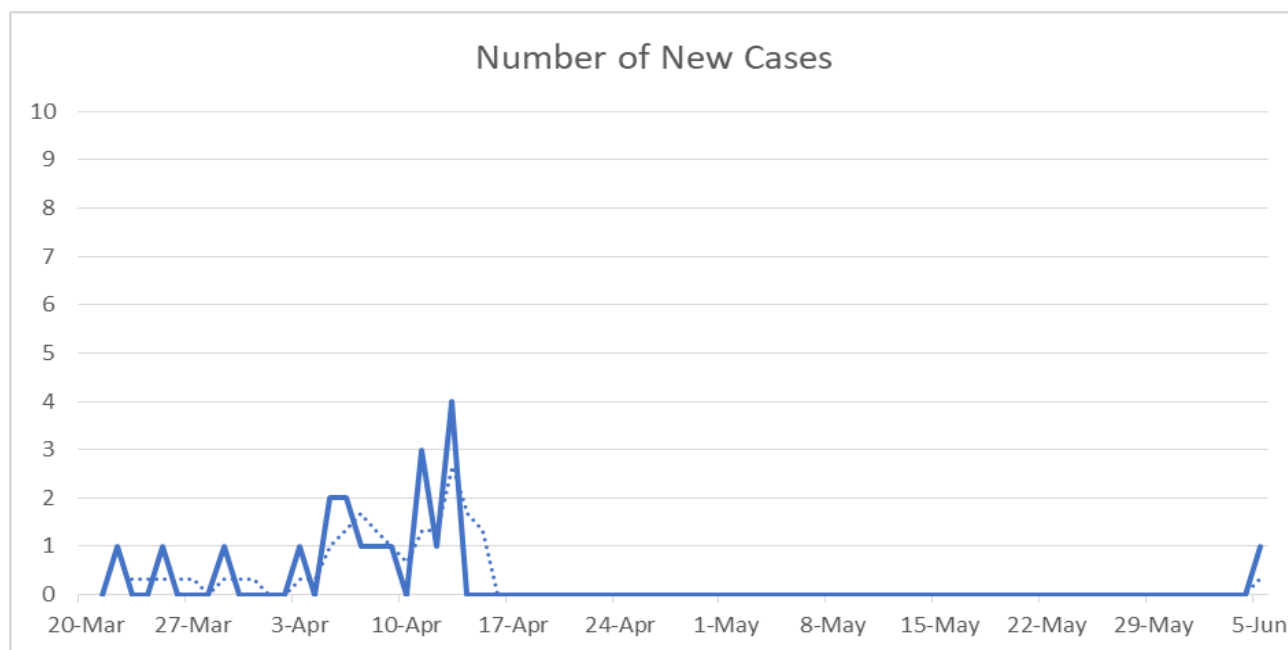


CHART 9A: BELIZE



Note: Belize experienced a new case of COVID-19 on **5 June**. Prior to the current report Belize's last new case was on **13 April**, a period of **45 days** (just prior to **29 May**).

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CHART 10: DOMINICA

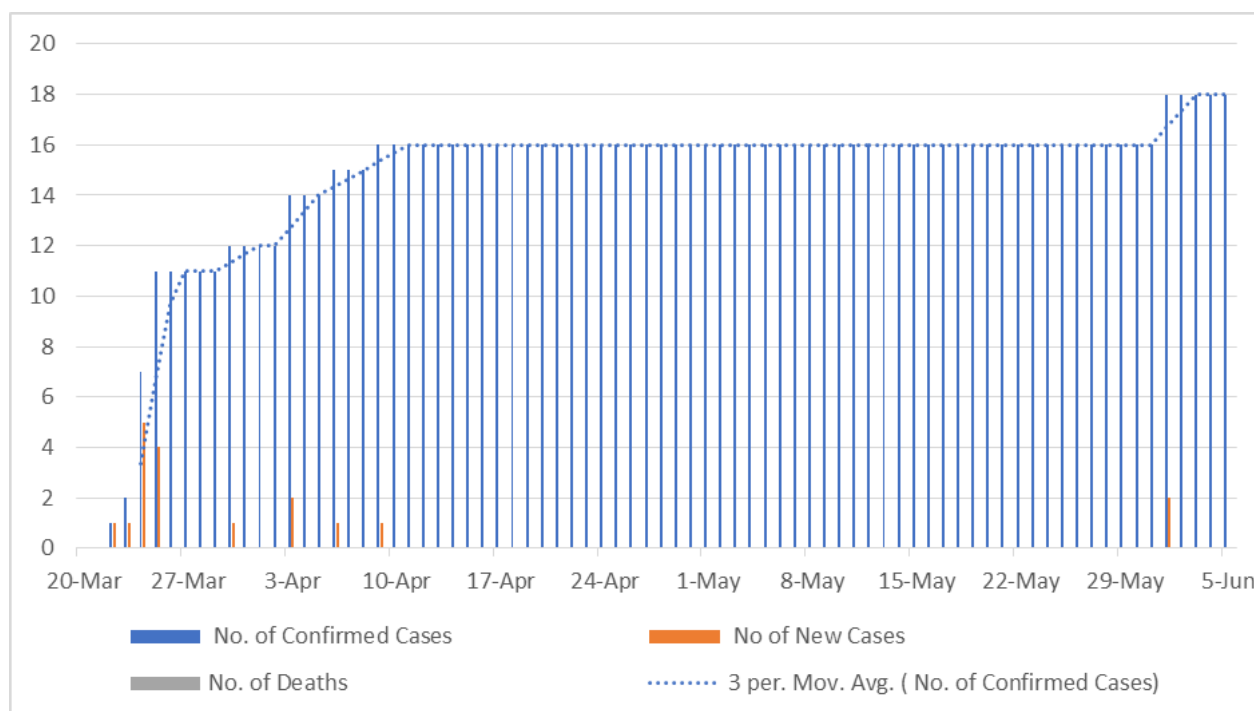
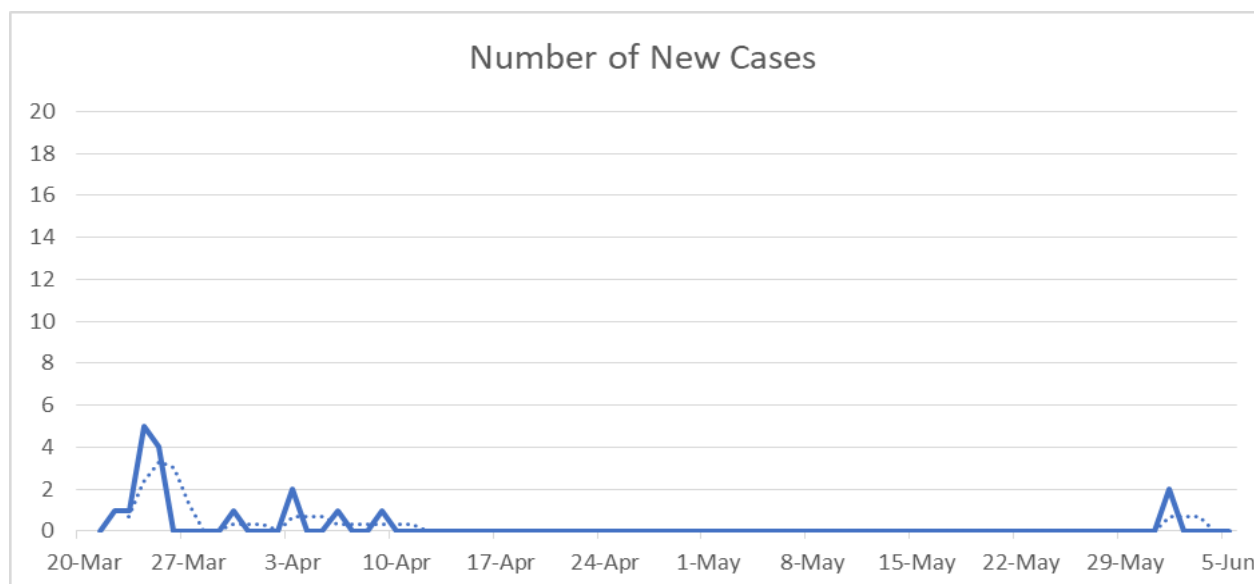


CHART 10A: DOMINICA



Note: Dominica experienced a new case of COVID-19 on **1 June**. Prior to the current report the last new case was on **10 April**, a period of **48 days** just prior to **29 May**

CHART 11: GRENADA

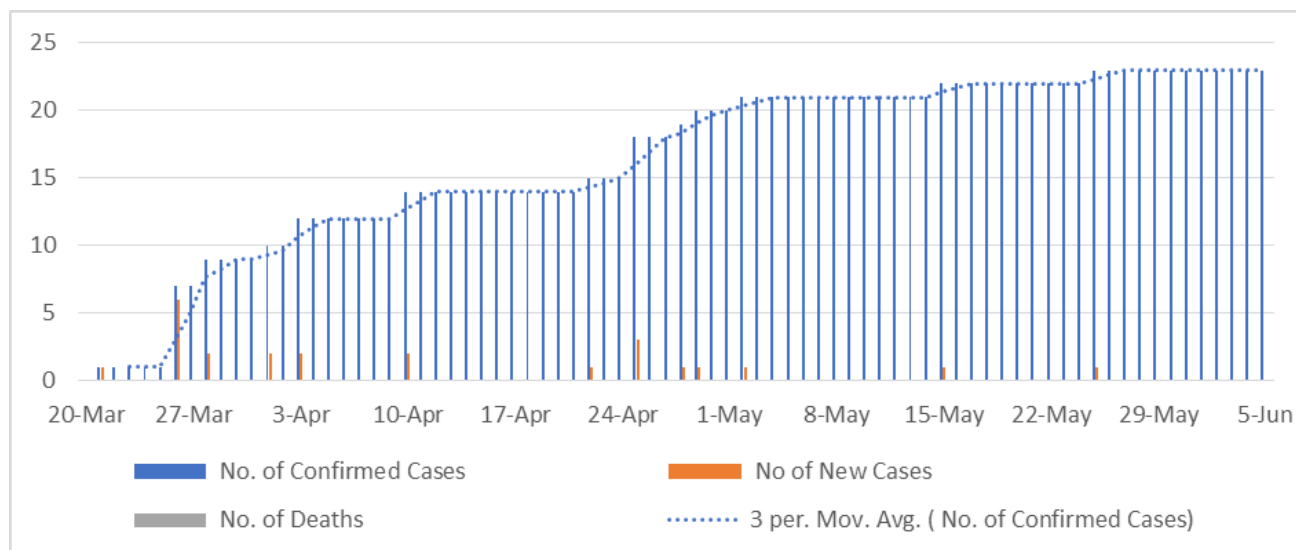
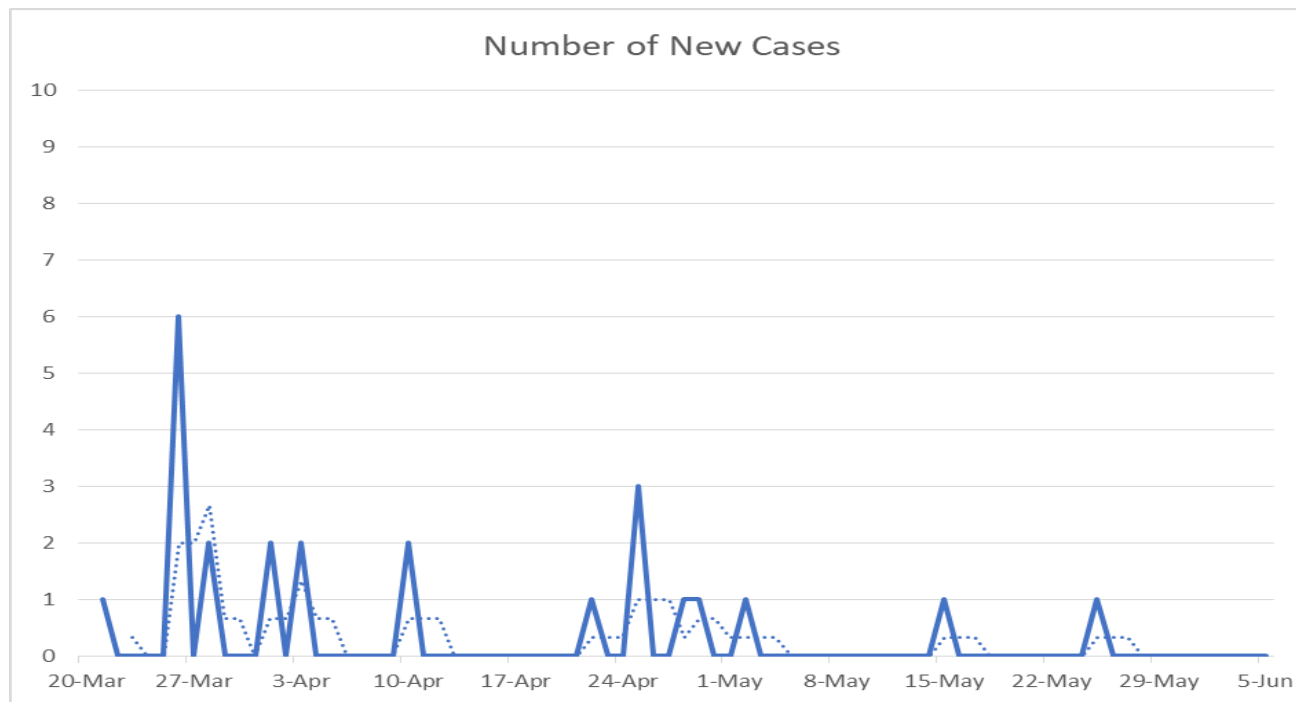


CHART 11A: GRENADA



Note: There were **no** new cases in Grenada from **30 May—5 June**. There was **1 new case** in Grenada from **23-29 May**, the previous reporting period.

CHART 12: GUYANA

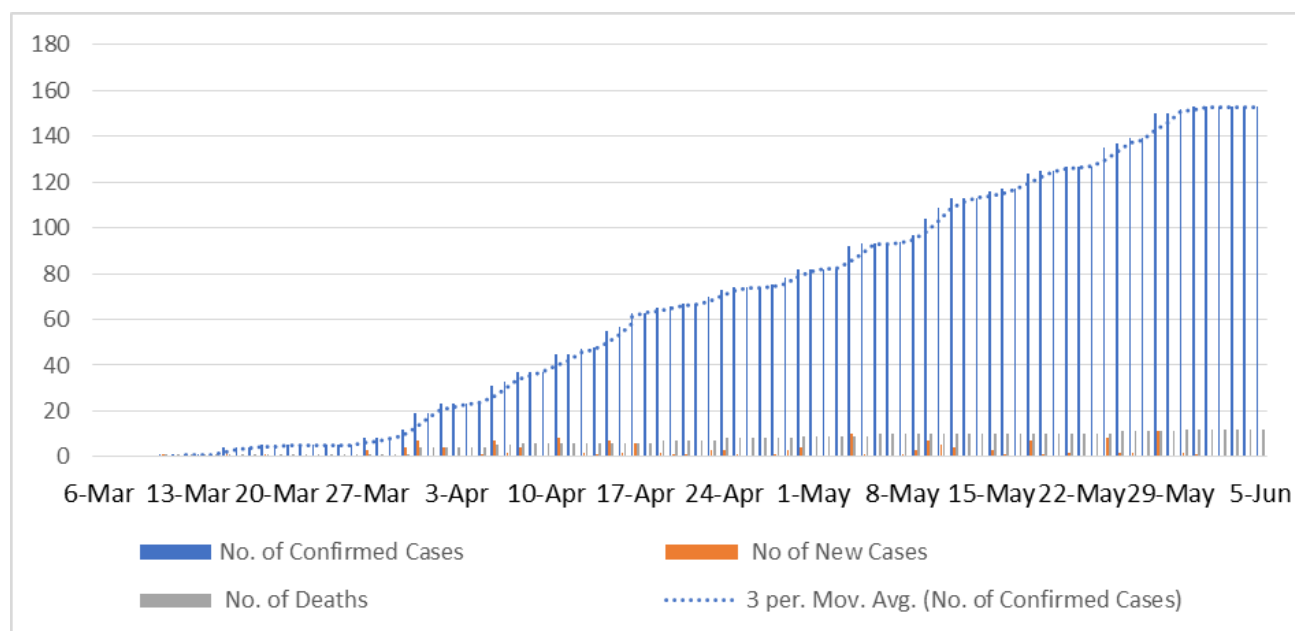
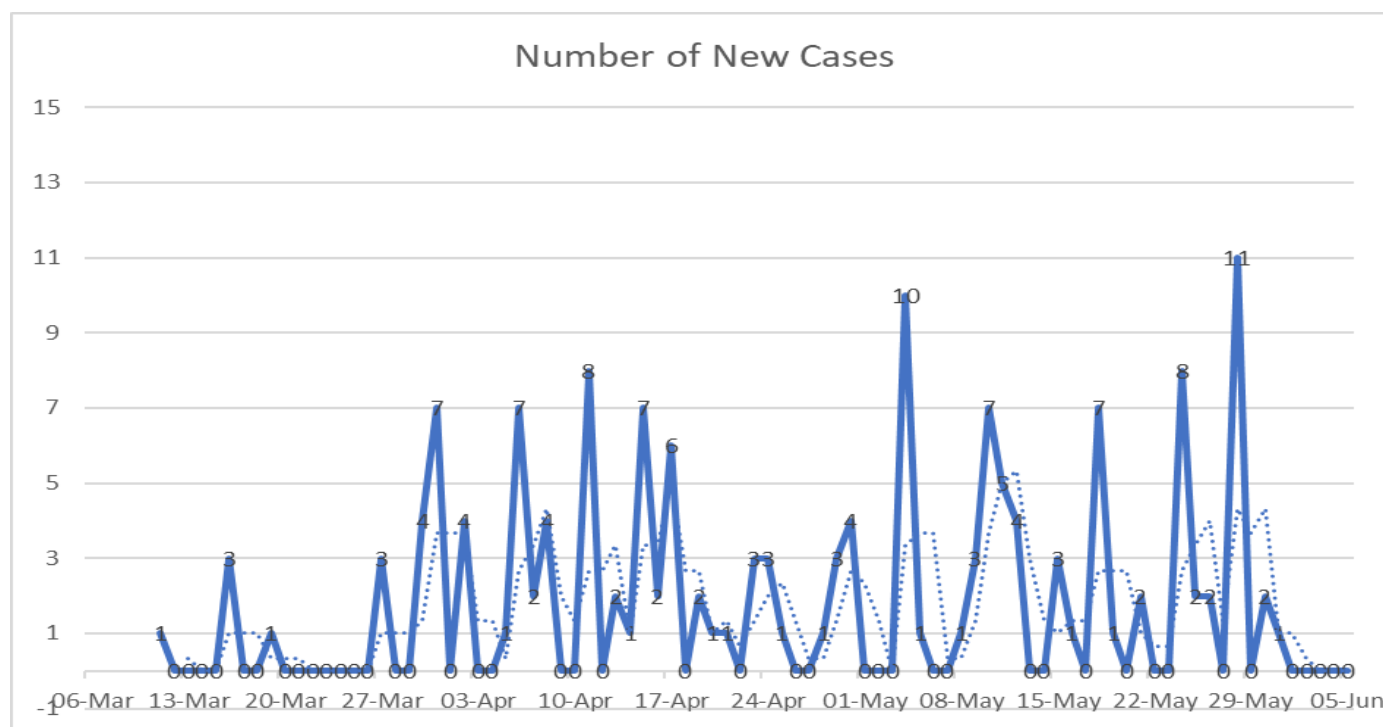
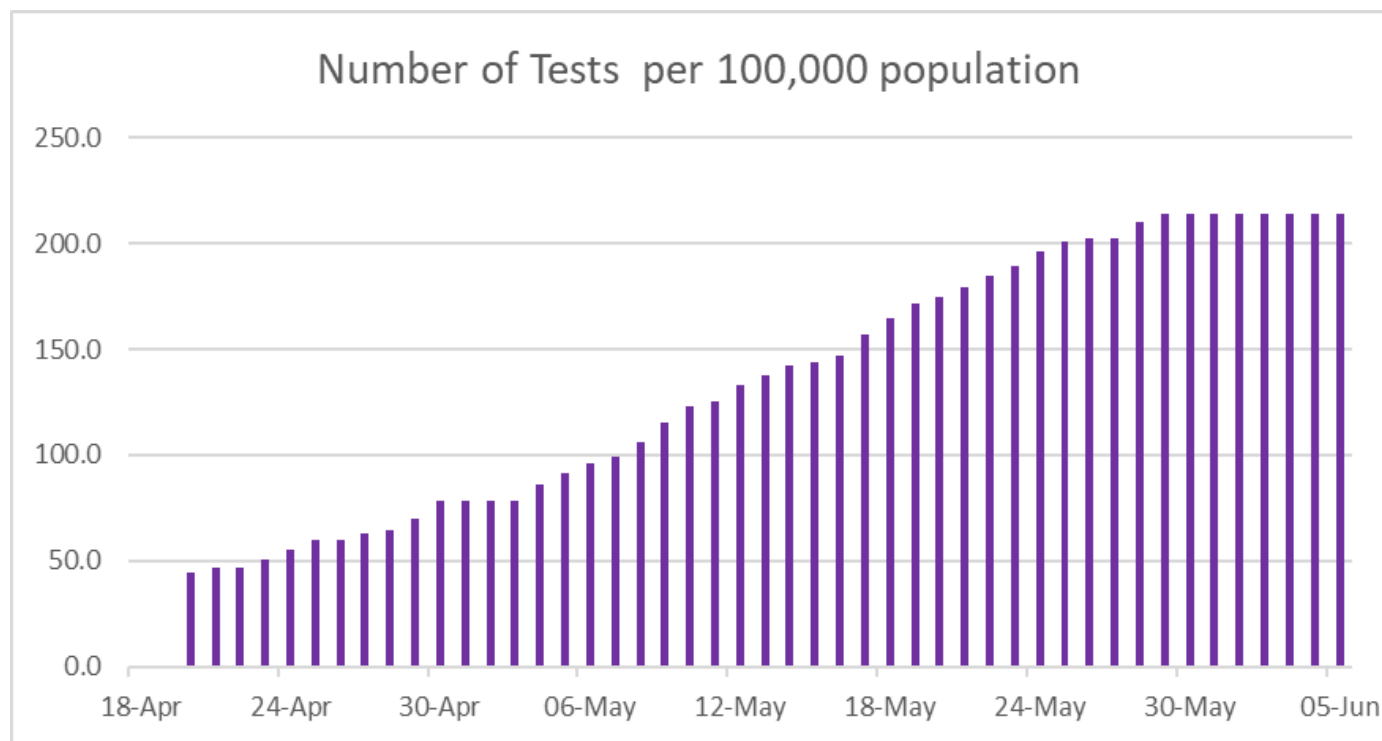


CHART 12A: GUYANA



Note: There were 3 new cases in Guyana during 30 May– 5 June as compared to 23 new cases during 23-29 May, 11 new cases for the period 16-22 May and 22 new cases during 9-15 May. The number of confirmed cases for Guyana is 153 as at 5 June.

CHART 12B: GUYANA

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CHART 13: HAITI

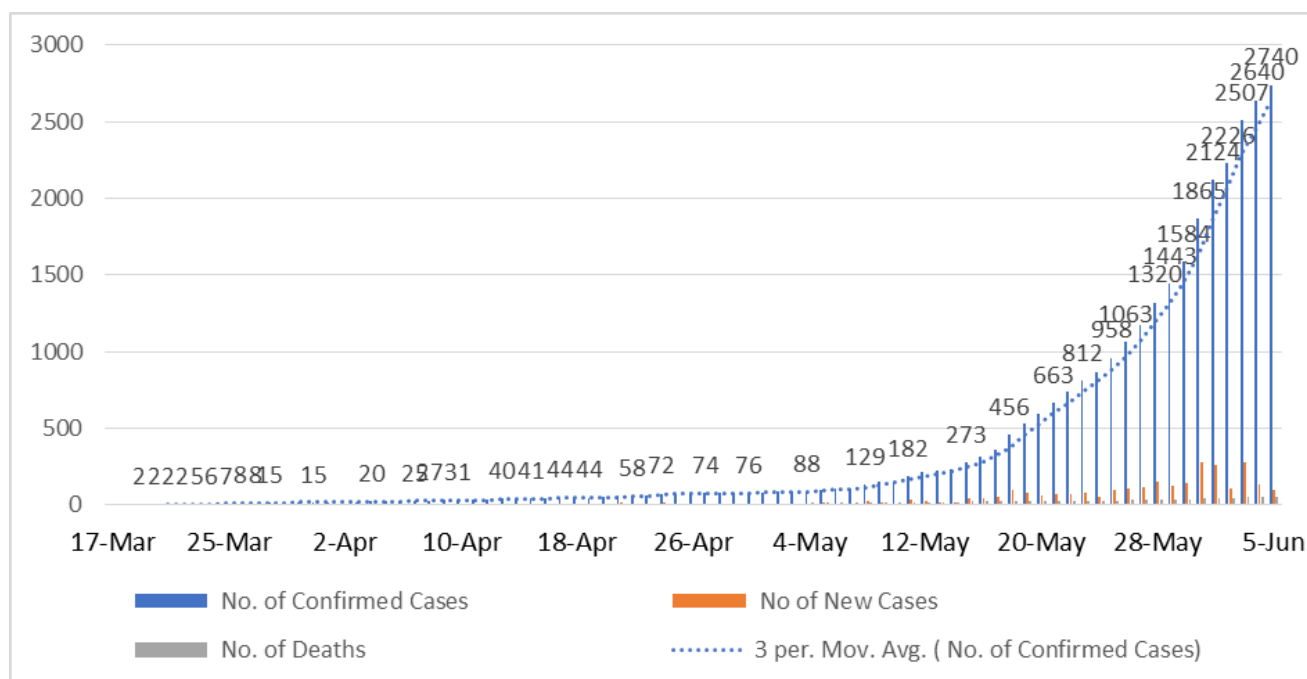
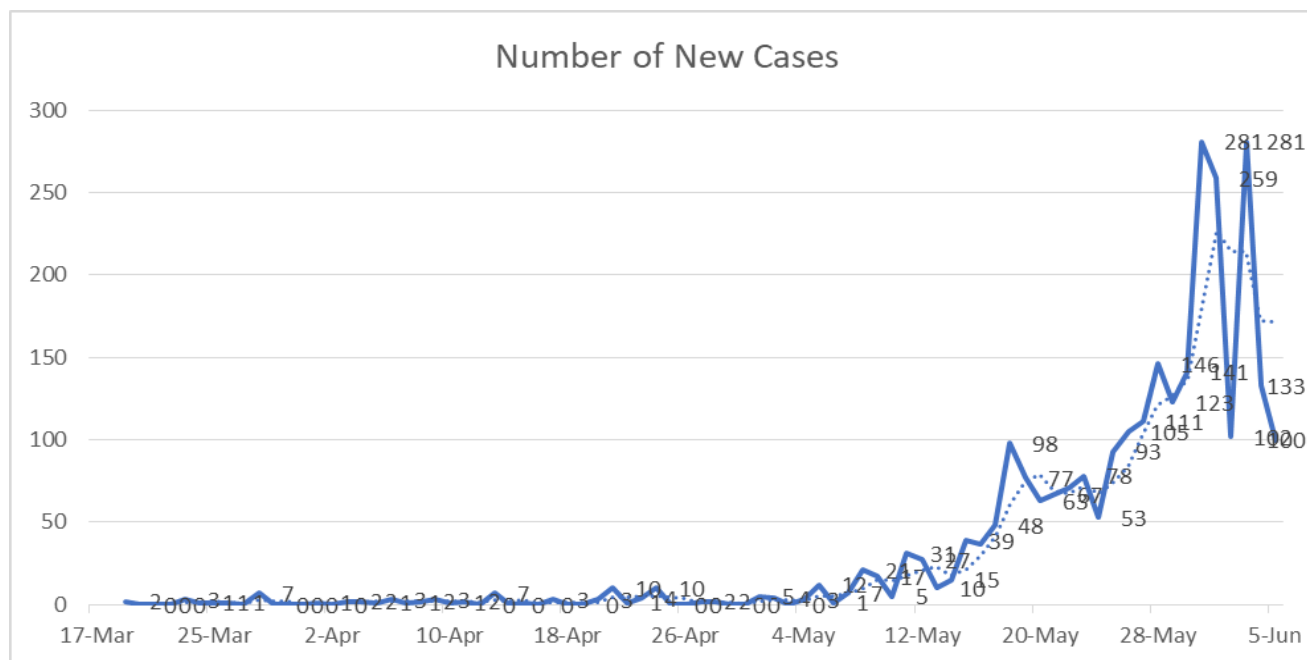


CHART 13A: HAITI



Note: There were **1297** new cases in Haiti for the reporting period 30 May—5 June as compared to **709** new cases during **23-29 May** and **461** new cases from **16 -22 May**. The 1297 new cases represented an increase of **588** cases over the previous reporting week and also contributed to **90.8 percent** of the total new cases for CARICOM which stood at **1428**.

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CHART 13B: HAITI

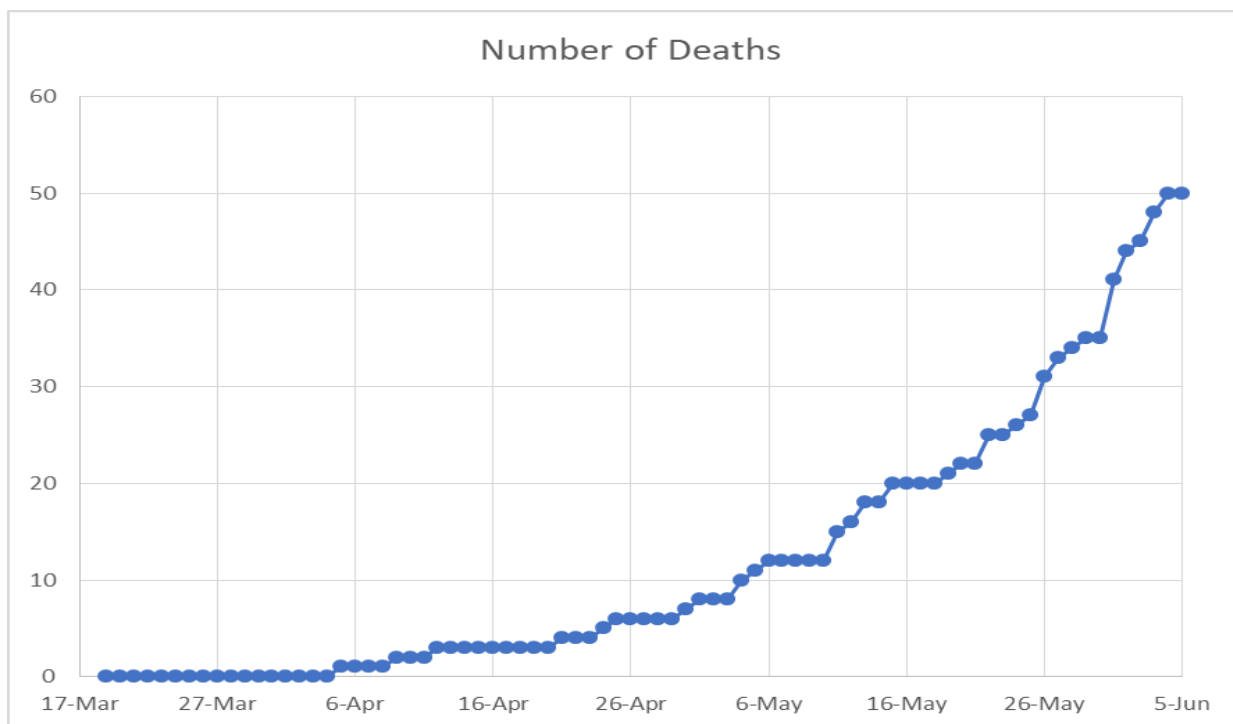
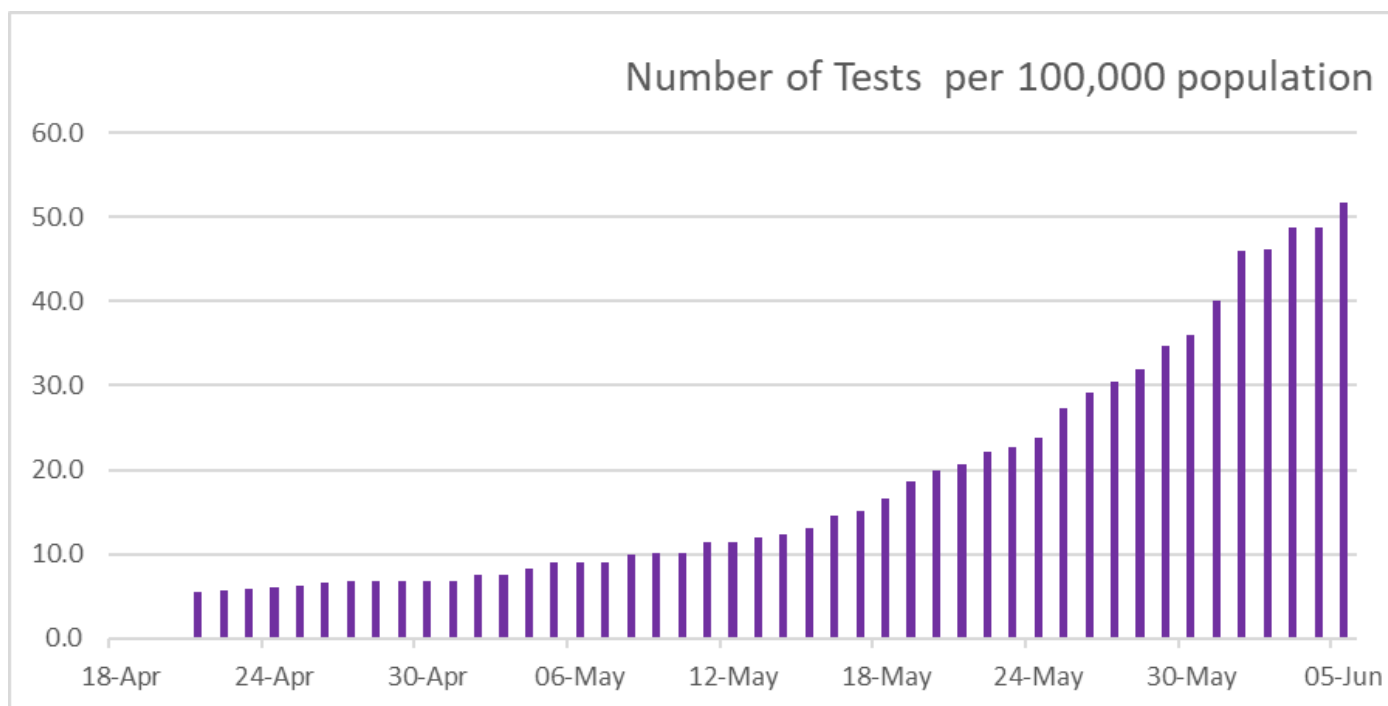


CHART 13C: HAITI



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CHART 14: JAMAICA

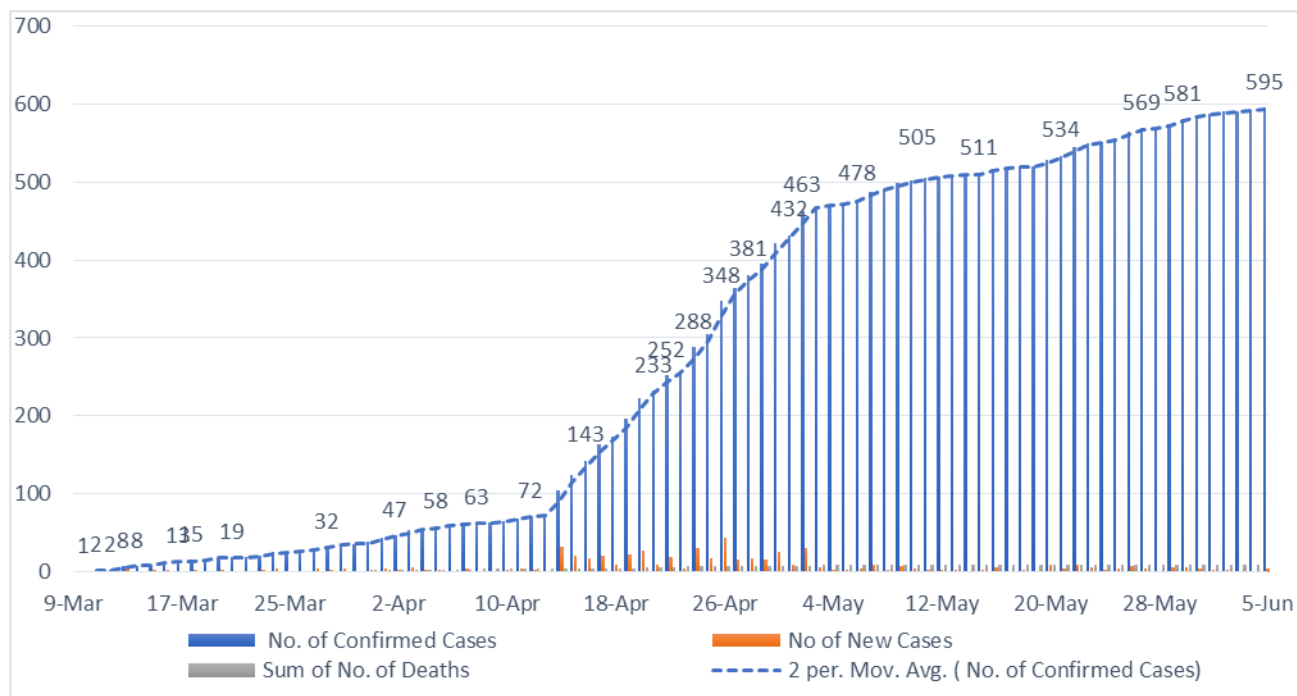
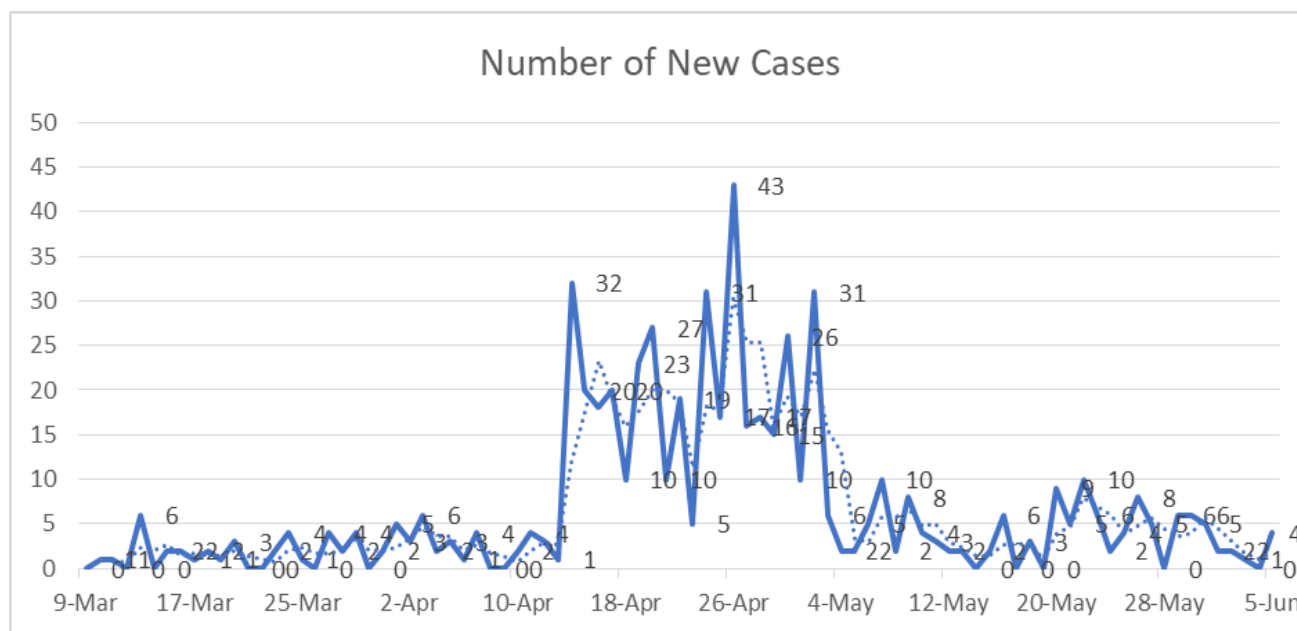
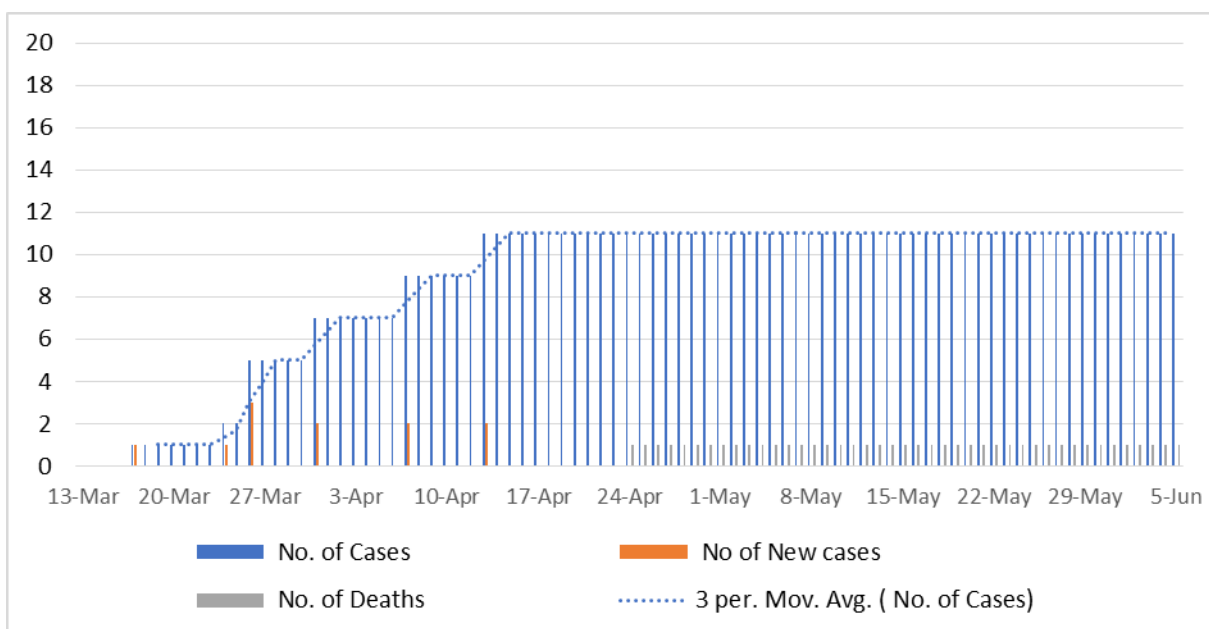
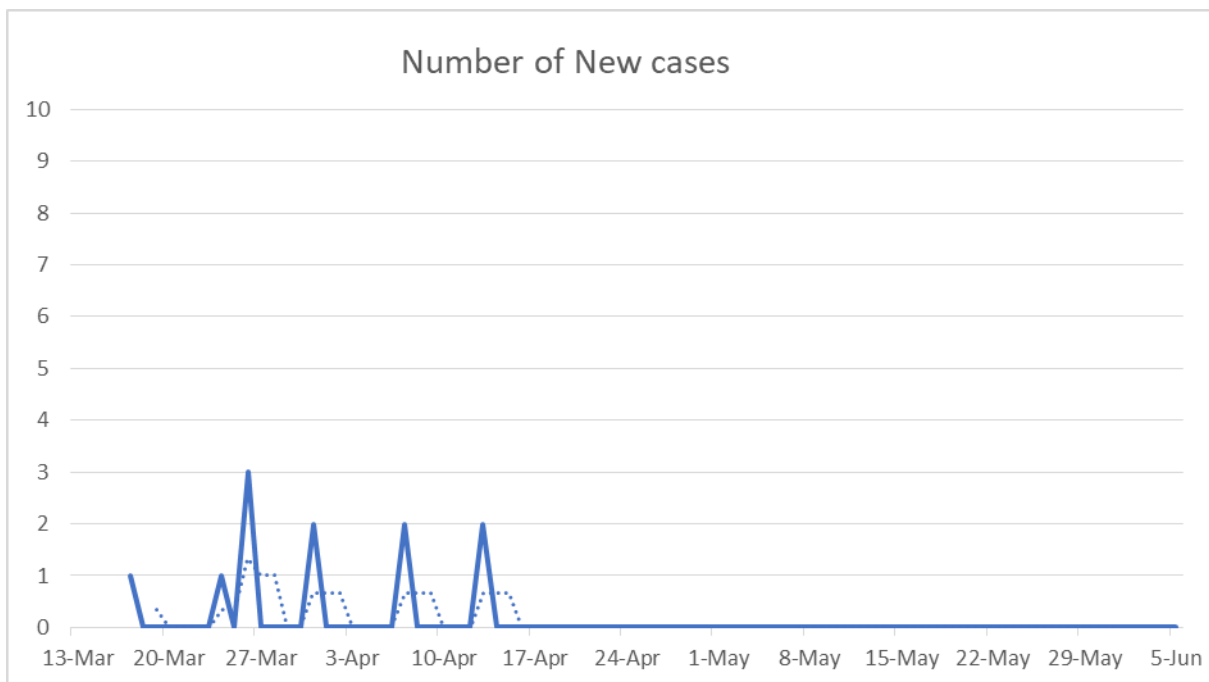


CHART 14A: JAMAICA



Note: Jamaica had 20 new cases during the period 30 May-5 June as compared to 31 new cases in Jamaica during 23-29 May, 33 new cases from 16-22 May and 21 cases for the period 9-15 May. The total number of confirmed cases is 595 as at 5 June.

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

Note: There were no new cases in Montserrat since **13 April**, a period of **53** days up to 5 June.

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CHART 16: SAINT LUCIA

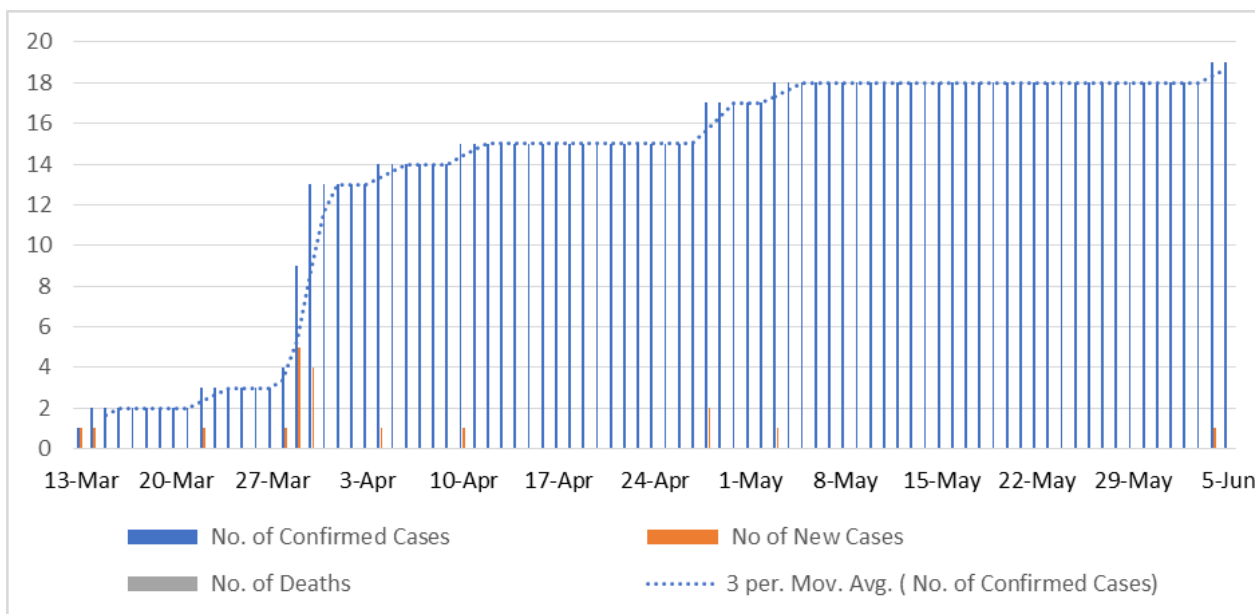
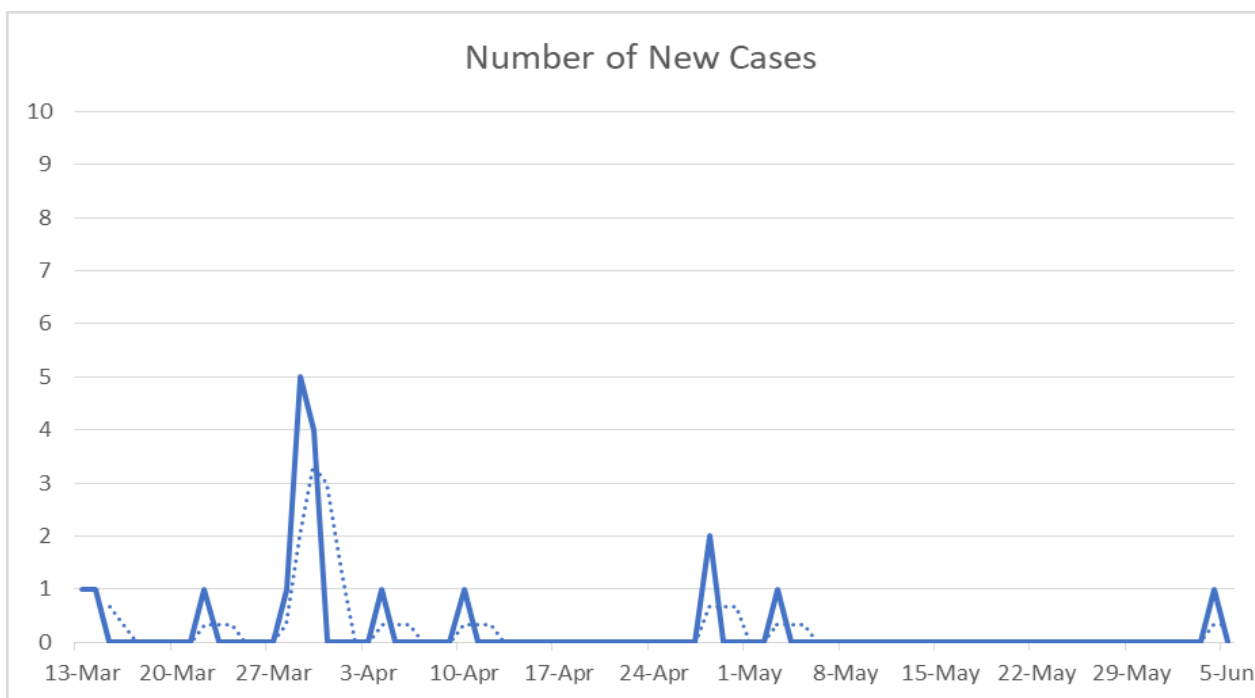


CHART 16A: SAINT LUCIA



Note: Saint Lucia had a new case on 4 June after a period of 31 days with no new case, the previous new case was on 3 May.

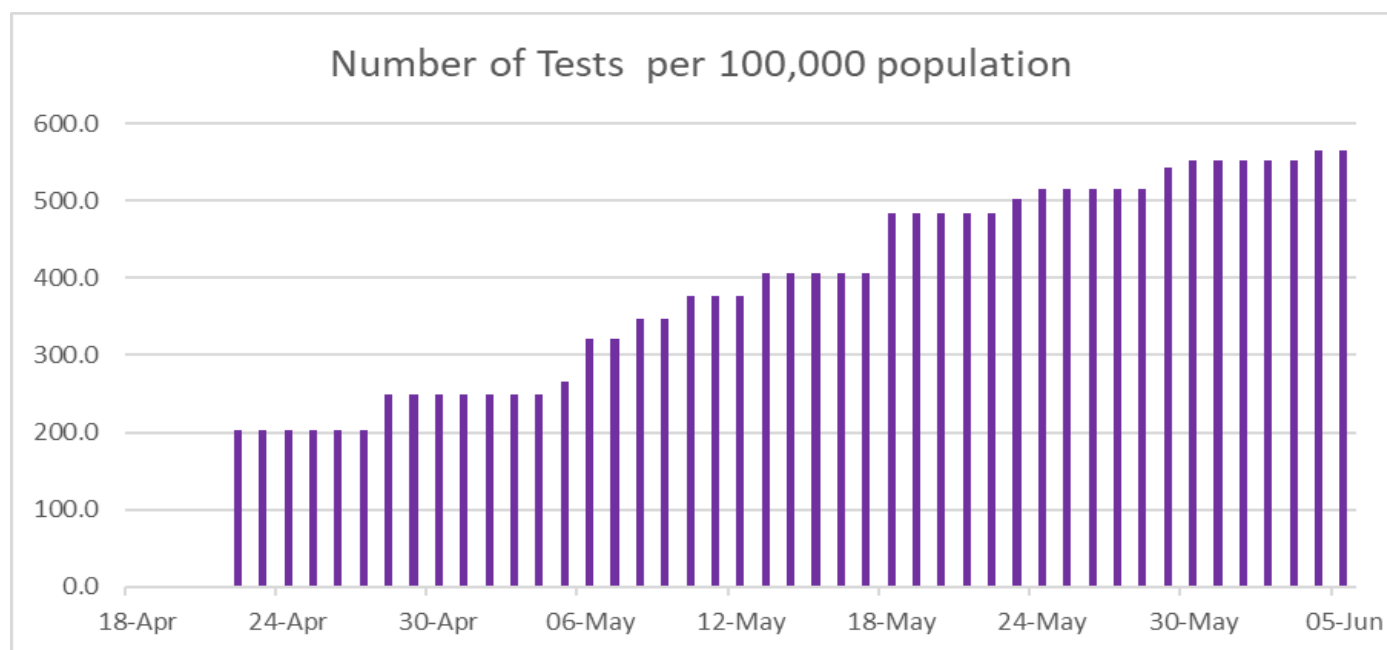
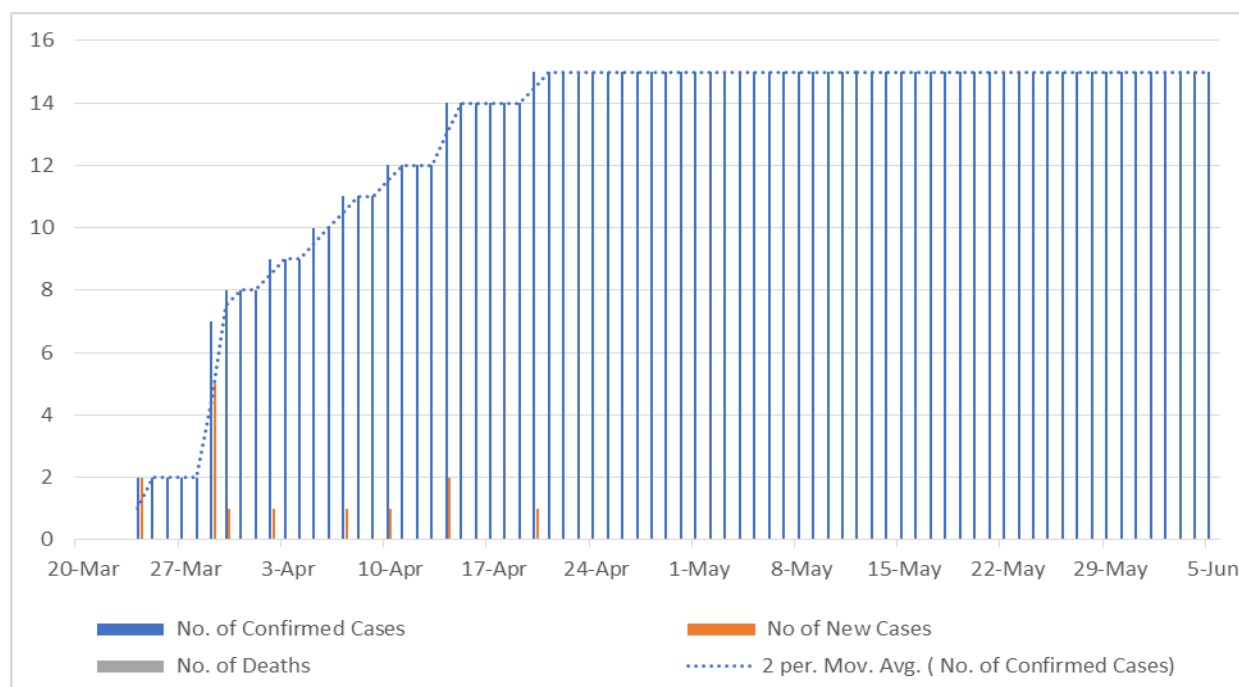
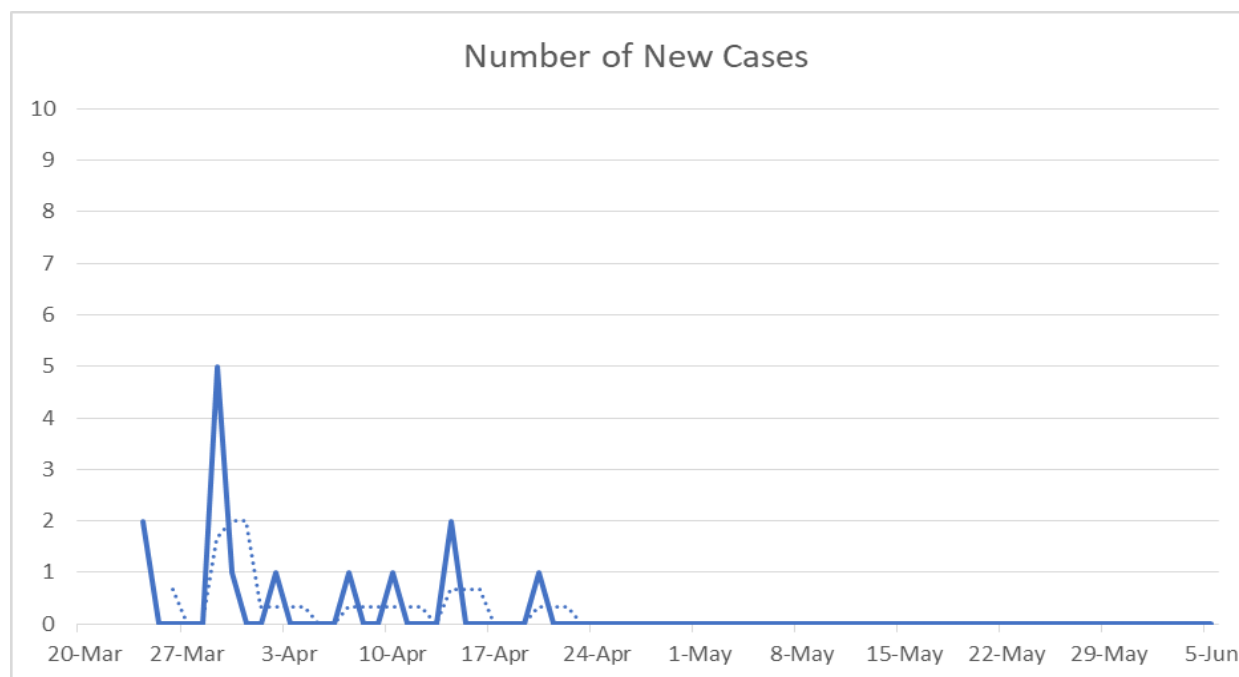
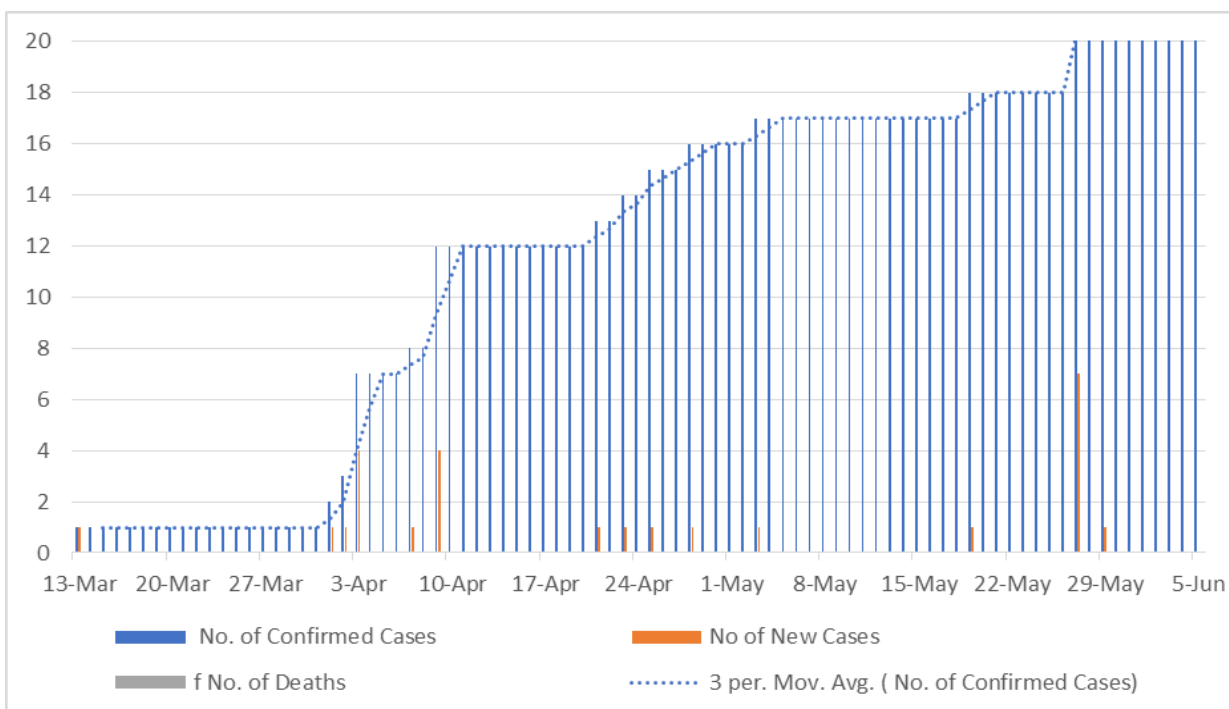
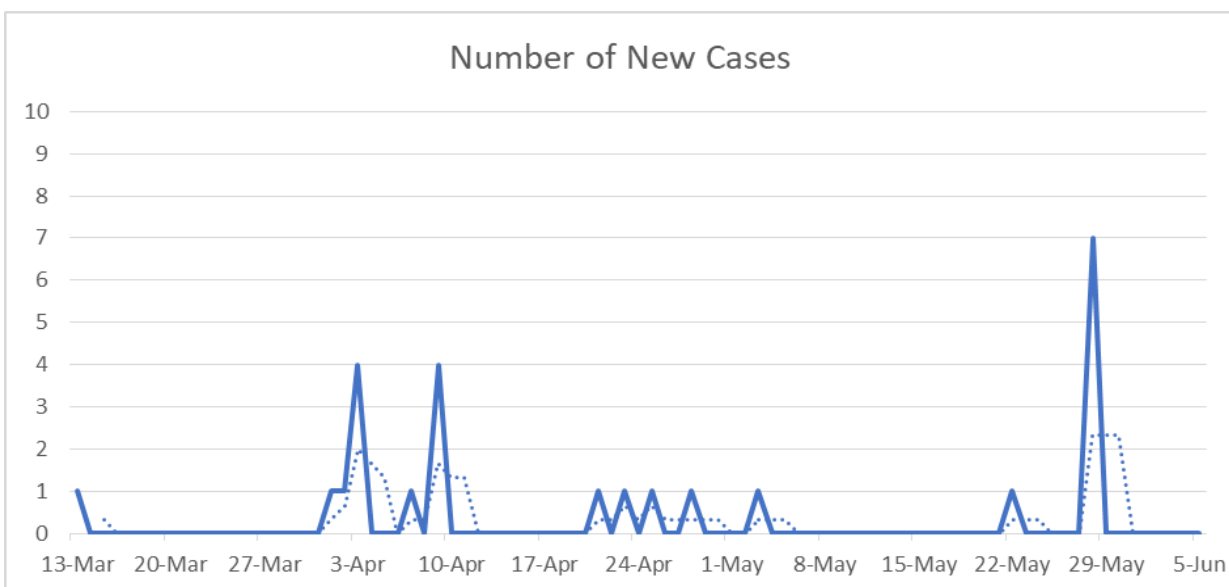
CHART 16B: SAINT LUCIA

CHART 17: ST. KITTS AND NEVIS**CHART 17A: ST. KITTS AND NEVIS**

Note: The last confirmed case of COVID-19 in St Kitts and Nevis was on **20 April** a period of **46 days** up to **5 June**.

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 **30 May—5 June**. St Vincent and the Grenadines had **8** new cases during **23-29 May**. The new cases were primarily due to repatriated crew members (nationals) from a cruise liner.

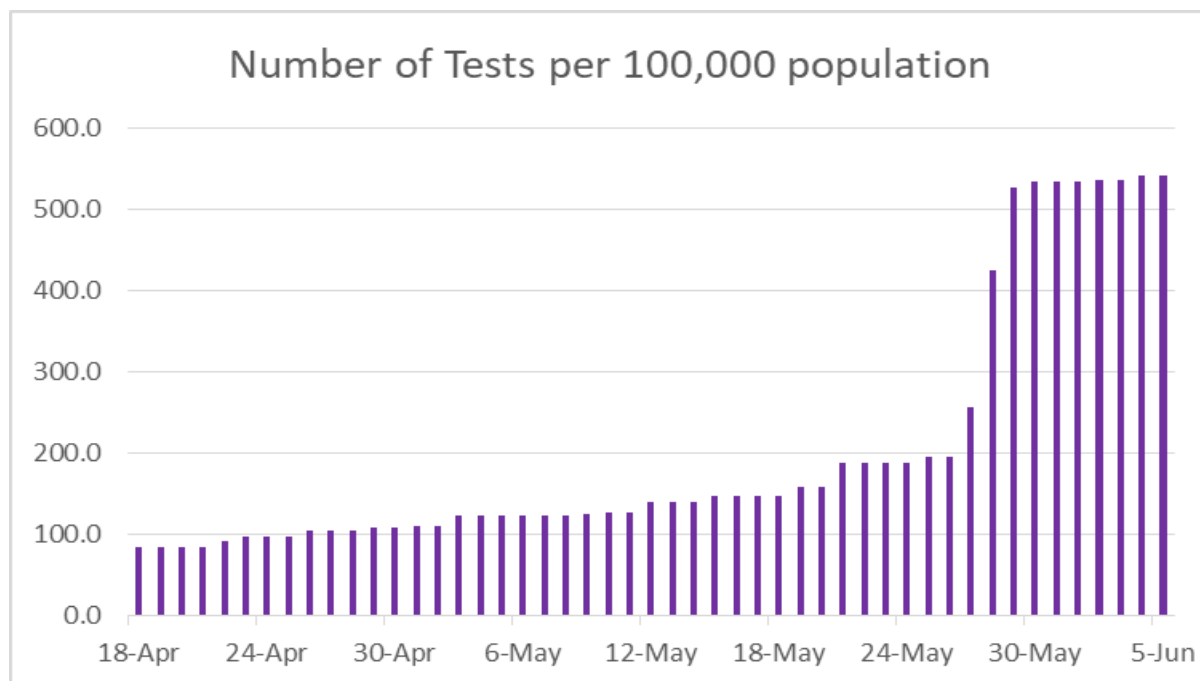
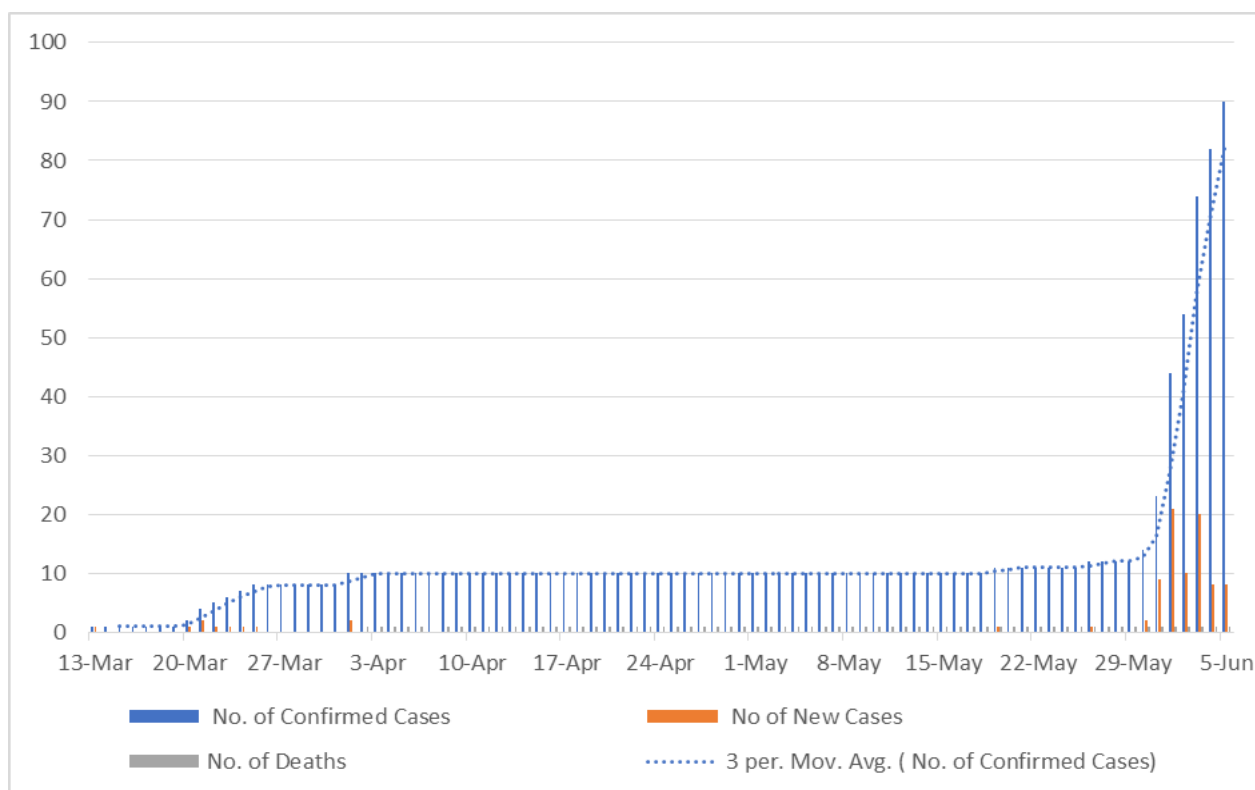
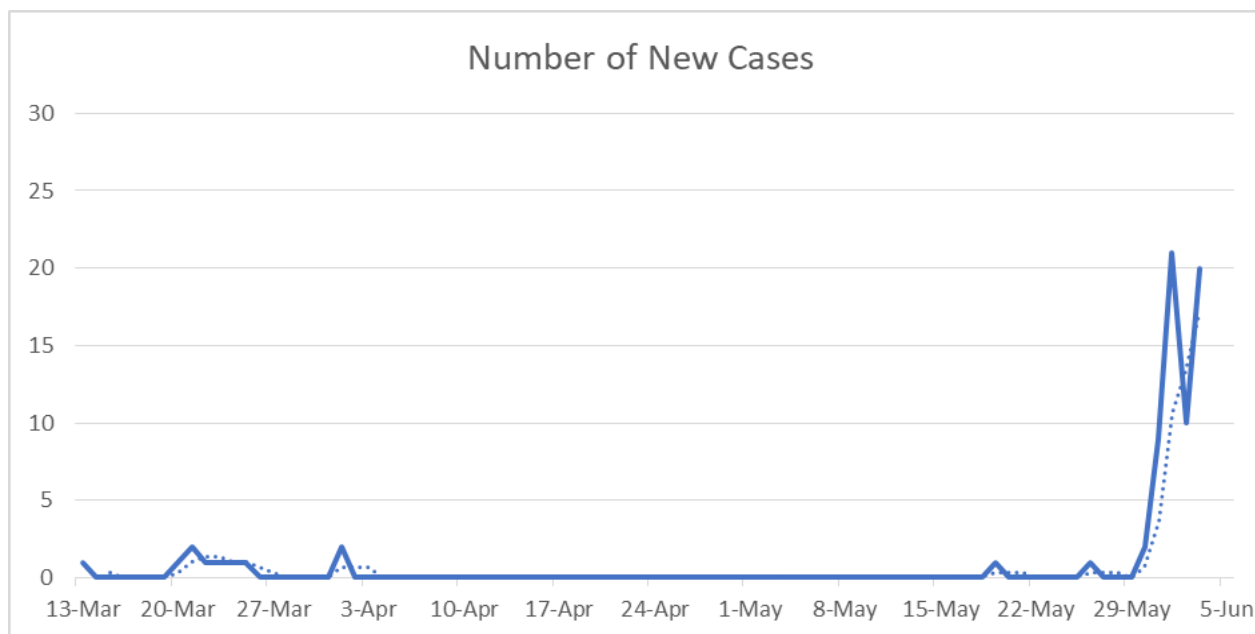
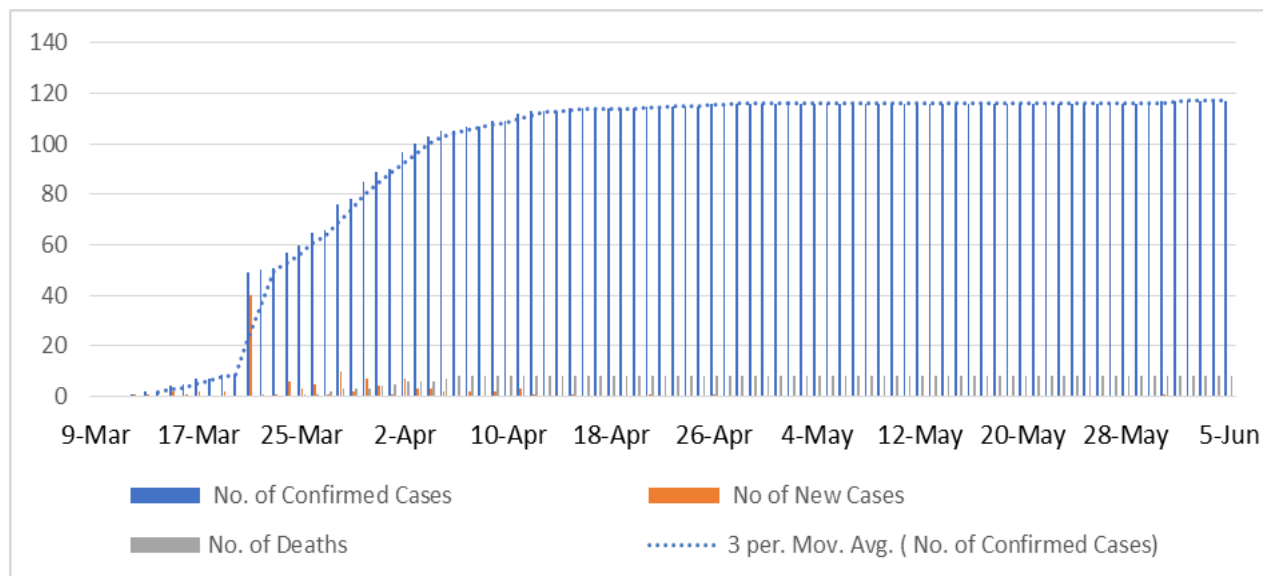
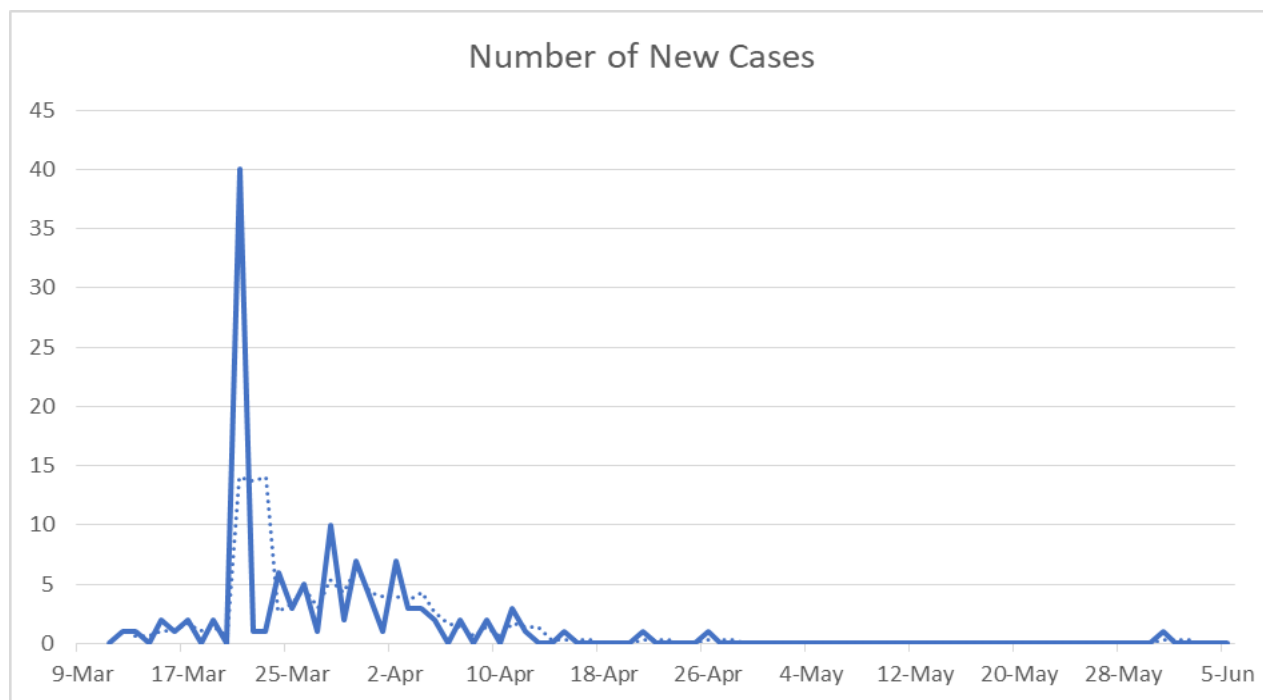
CHART 18B: ST. VINCENT AND THE GRENADINES

CHART 19: SURINAME**CHART 19A: SURINAME**

Note: Suriname had **78** new cases from **30 May—5 June**. After a period of **47 days** without a confirmed case, there was a new case on 19 May and another new case during 23-29 May. The number of confirmed cases for Suriname is **90** as at 5 June, after a long period of being at 10 cases.

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

Note: After 34 days without a new case, Trinidad and Tobago experienced a new case on 31 May.

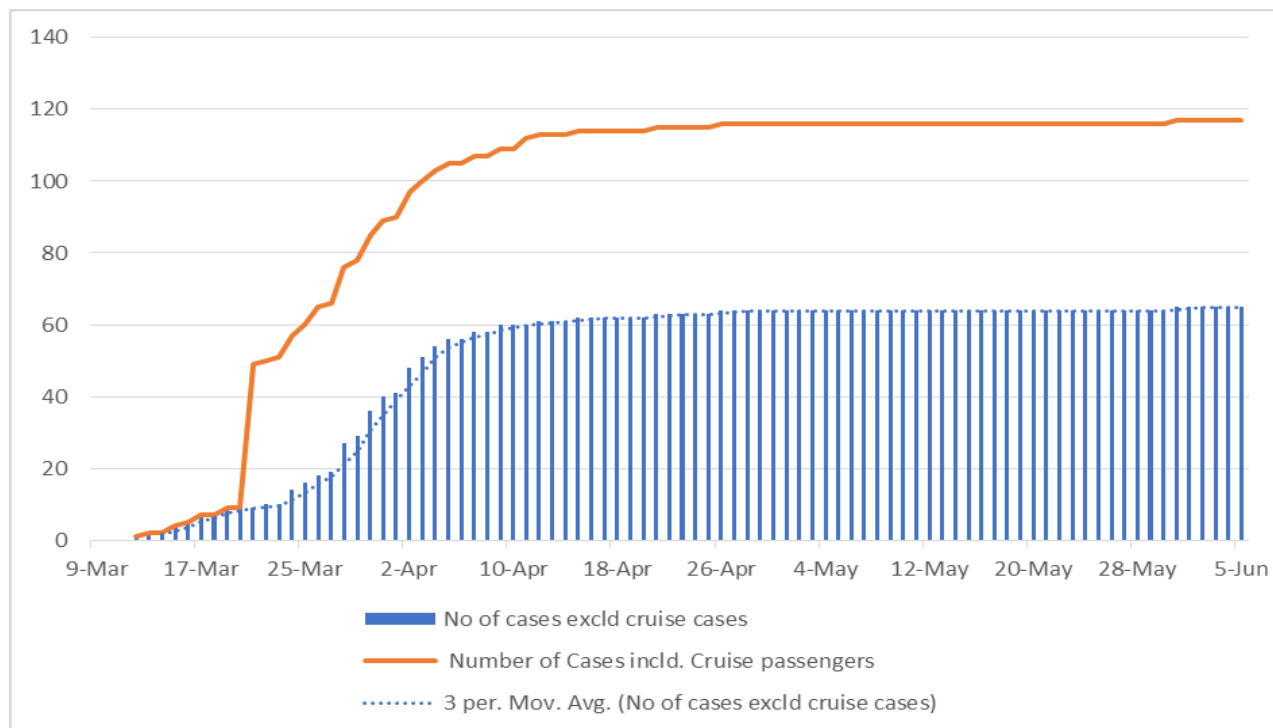
CHART 20B: TRINIDAD AND TOBAGO - CRUISE PASSENGERS

CHART 21: ANGUILLA

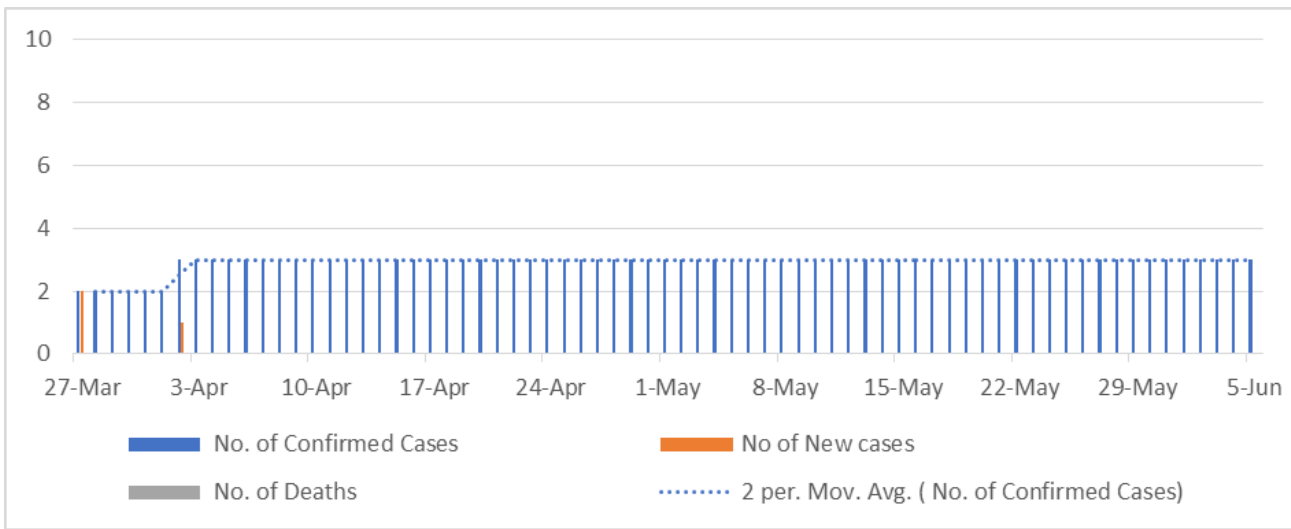
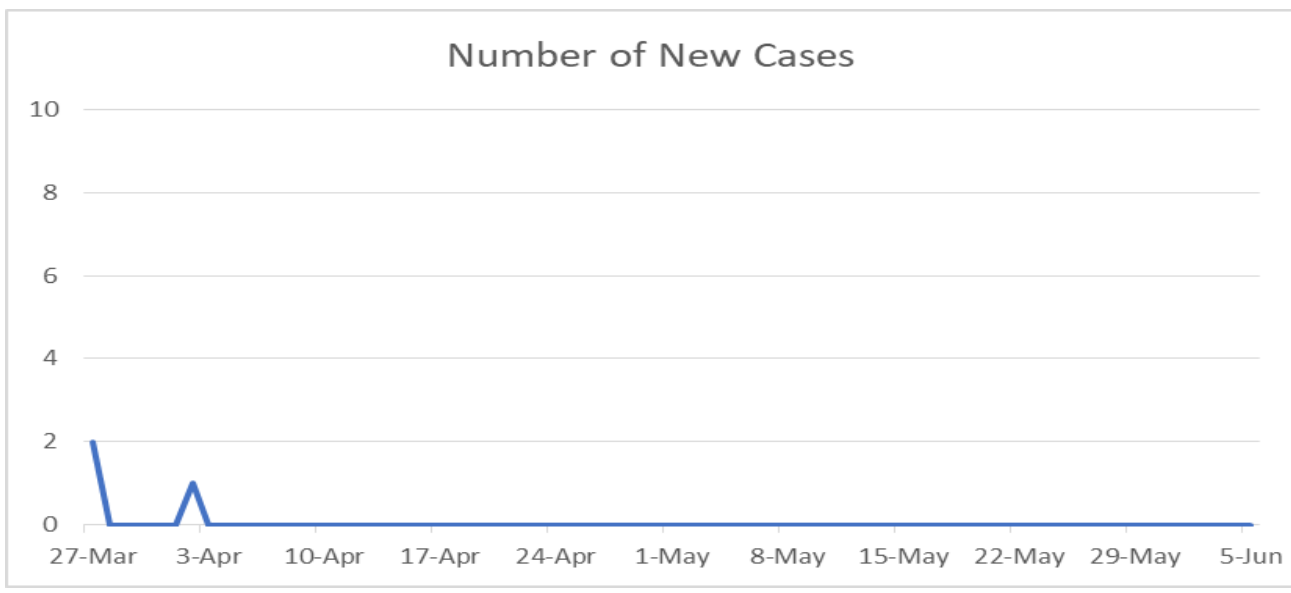


CHART 21A: ANGUILLA



Note: The last positive case of COVID-19 in Anguilla was **2 April**, a period of **64 days** up to **5 June**.

CHART 22: BERMUDA

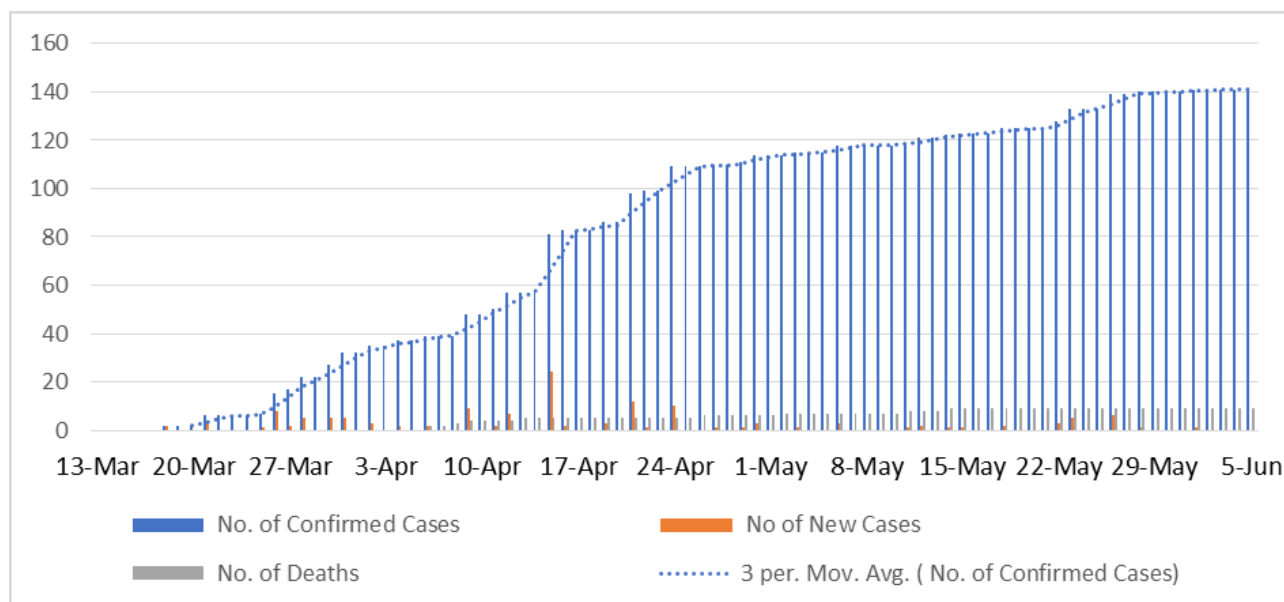
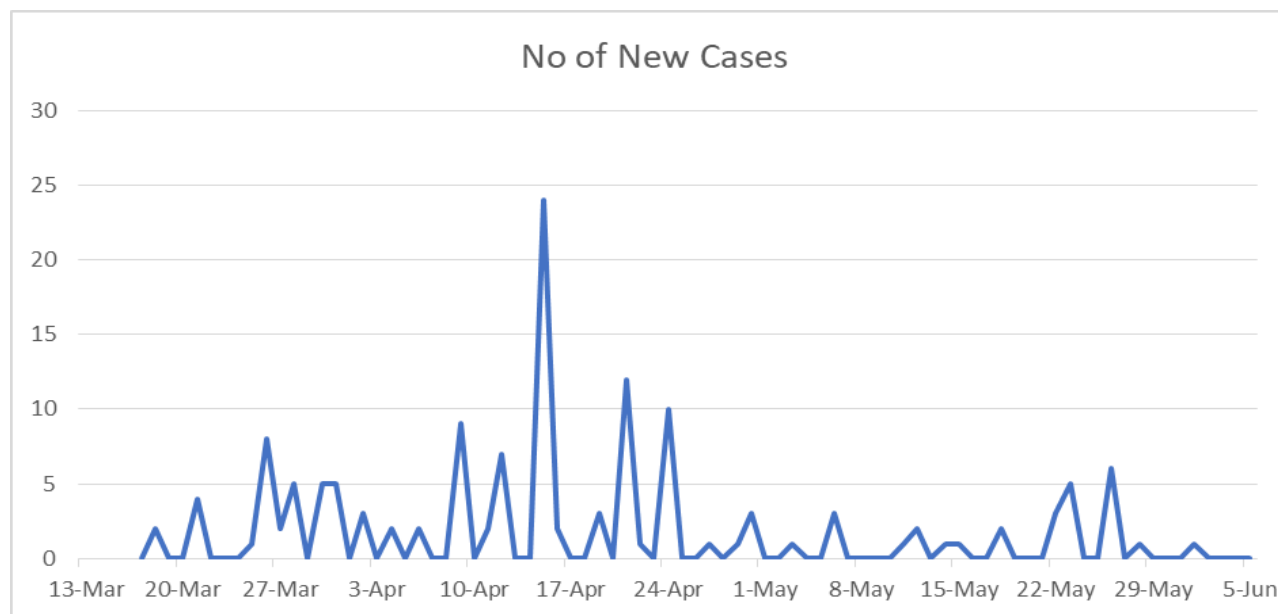


CHART 22A: BERMUDA



Note: Bermuda had **one** new case during **30 May -5 June** as compared to **12** new cases during 23-29 May and **5** new cases for the period 16-22 May. The number of confirmed cases for Bermuda stood at **141** as at 5 June.

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CHART 23: BRITISH VIRGIN ISLANDS

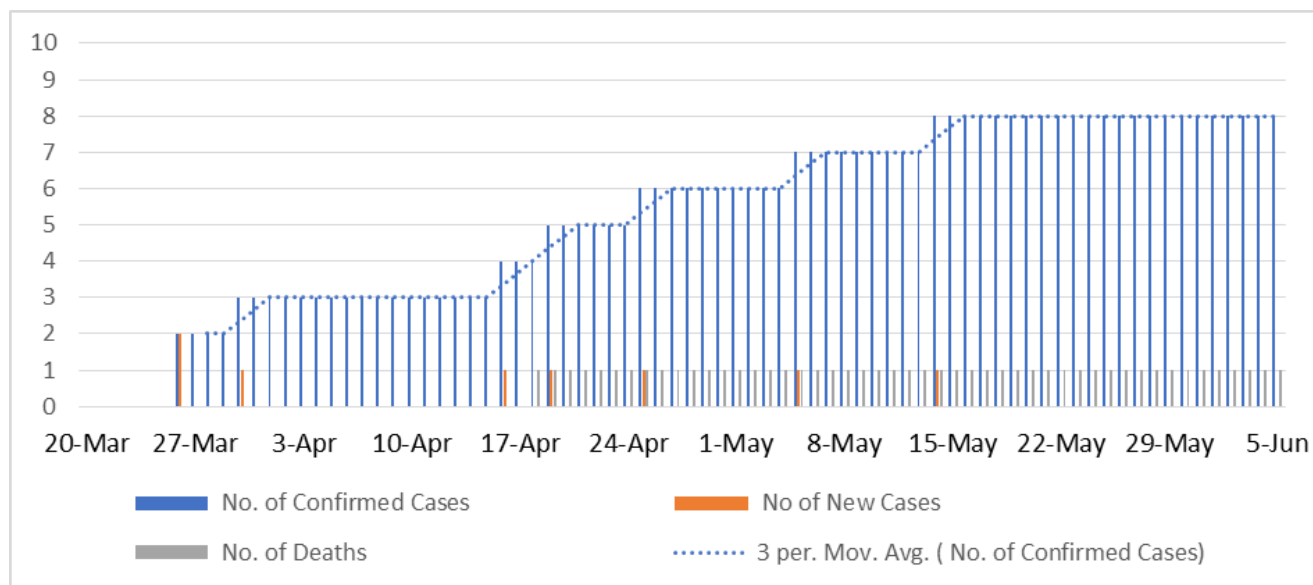
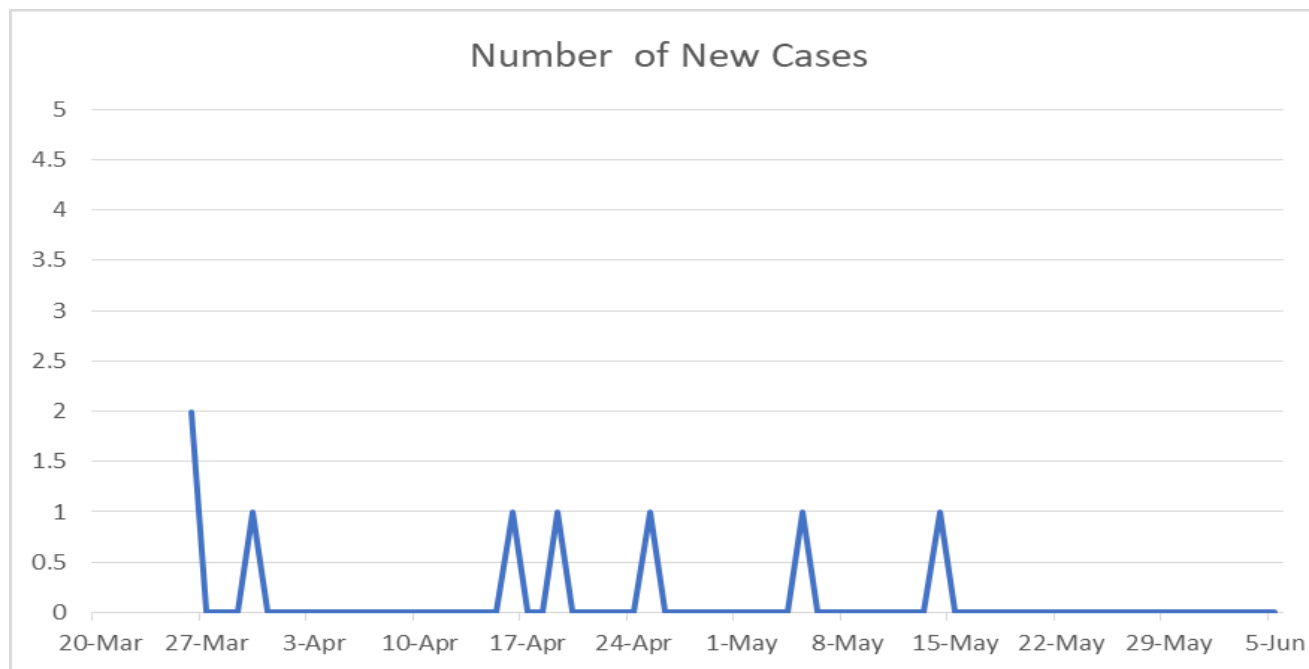
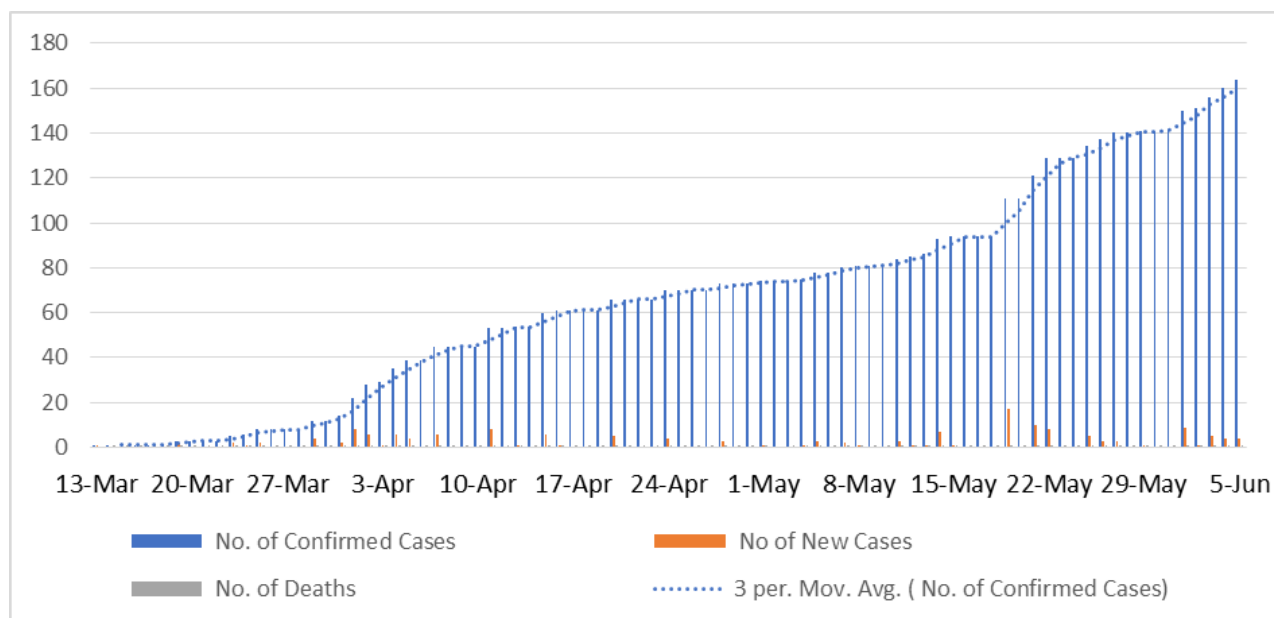
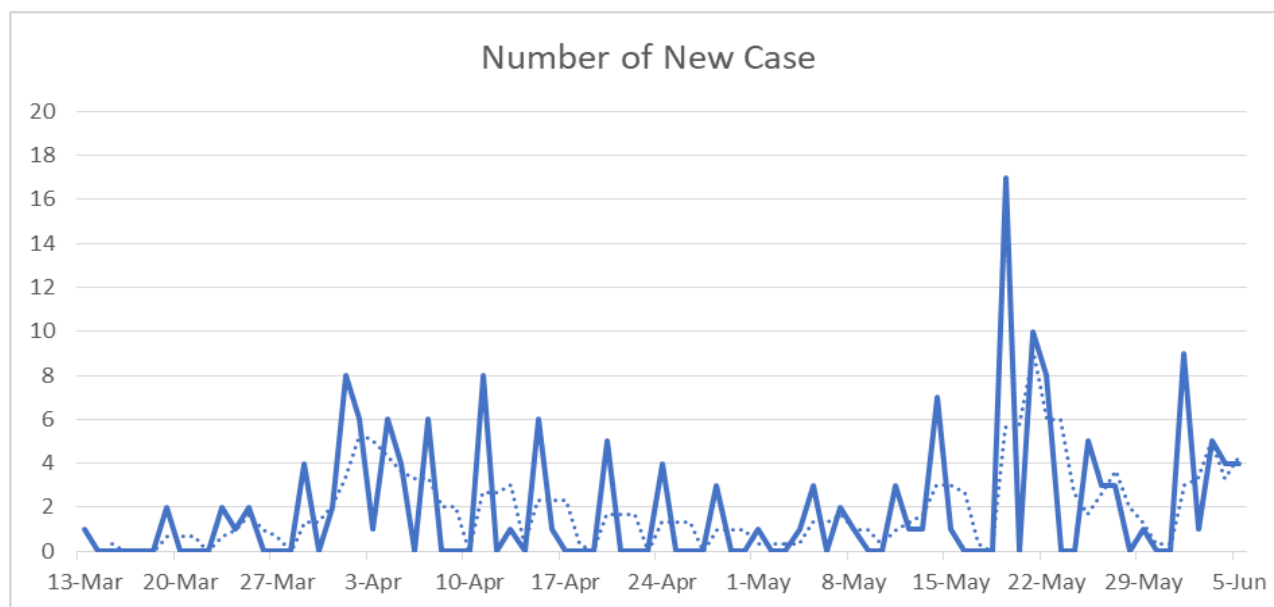


CHART 23A: BRITISH VIRGIN ISLANDS



Note: There were no new cases in the British Virgin Islands during **30 May-5 June**, the last positive case was on **14 May**.

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

Note: There were **23** new cases in Cayman Islands during **30 May-5 June** as compared to **12** new cases during **23-29 May**, **35** new cases from **16-22 May** and **13** new cases for the period **9-15 May**.

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CHART 25: TURKS AND CAICOS ISLANDS

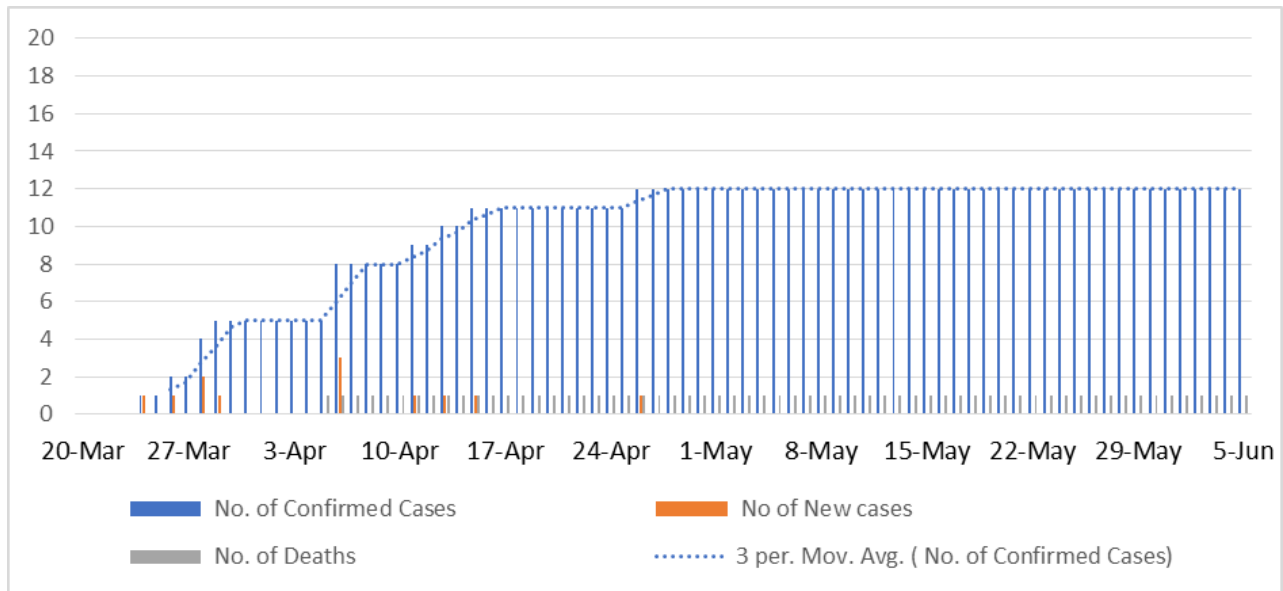
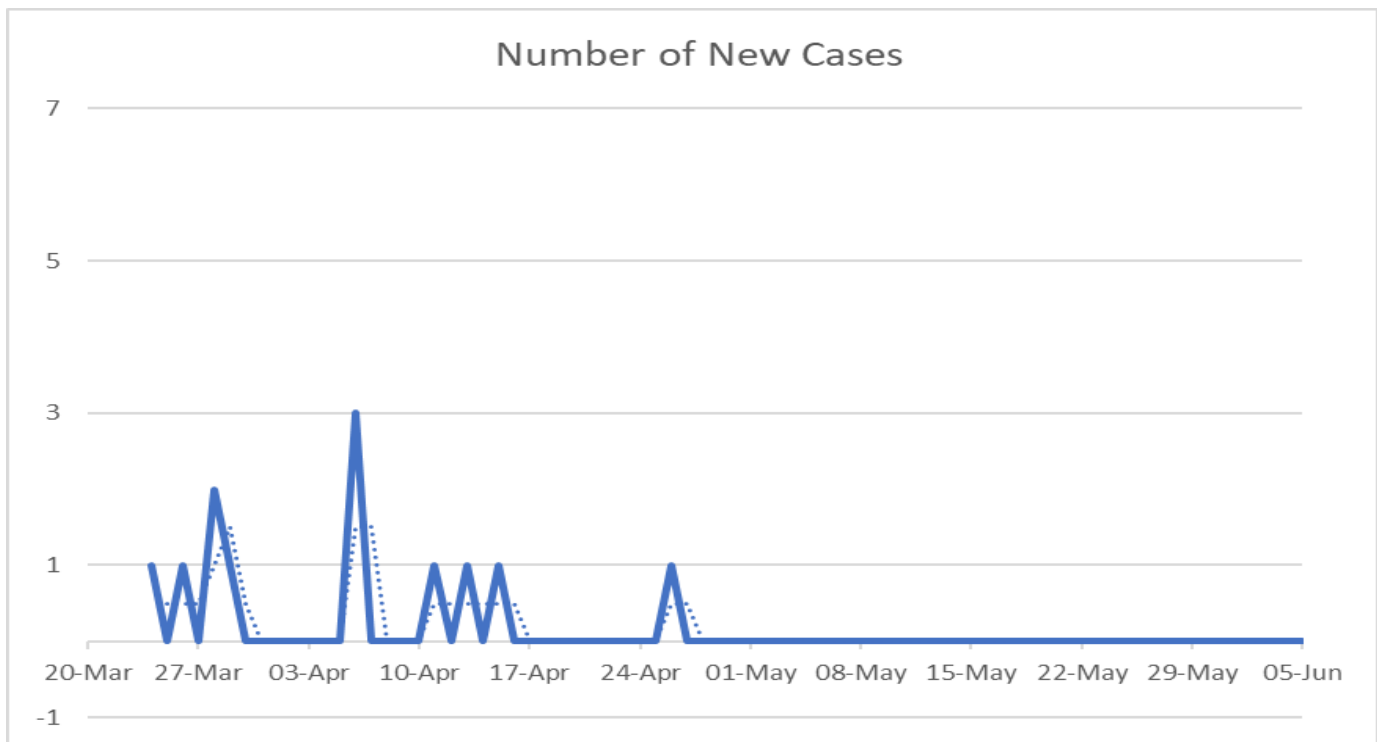


CHART 25A: TURKS AND CAICOS ISLANDS



Note: The last confirmed case in Turks and Caicos Islands was on **26 April**, a period of **40 days** as at **5 June**.

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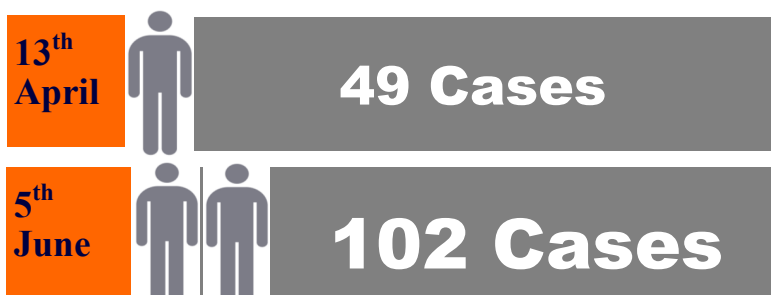
TABLE 8: TREND IN DOUBLING TIME –CARICOM AND SELECTED COUNTRIES

COUNTRY	PERIOD	NO. OF CASES	NO. OF DAYS
ALL COUNTRIES	11 Apr	613	
	1 May	1231	20
	14 Apr	688	
	8 May	1376	24
	17 Apr	809	
	15 May	1589	28
	25 Apr	1064	
	22 May	2142	27
	11 May	1465	
	29 May	2945	18
With Haiti	16 Apr	738	
Without Haiti	29 May	1502	43
With Haiti	22 May	2142	14
Without Haiti	5 June	4374	Rate: 2.04
With Haiti	19 Apr	809	
Without Haiti	5 June	1634	47
			Rate: 2.02
Haiti	15 Apr	41	
	1 May	81	16
	23 Apr	62	
	8 May	129	15
	8 May	129	7
	15 May	273	
	17 May	358	5
	22 May	734	
	22 May	734	7
	29 May	1443	
	28 May	1320	8
	5 June	2740	Rate: 2.1
Jamaica	13 Apr	73	
	17 Apr	163	4
	16 Apr	143	
	24 Apr	288	8
	20 Apr	223	
	1 May	432	11
	22 Apr	252	
	8 May	490	16
	23 Apr	257	
	15 May	511	22
	23 Apr	257	
	22 May	544	29
	24 Apr	288	
	29 May	575	35
	25 Apr	305	
	5 June	595	41
			Rate: 1.95

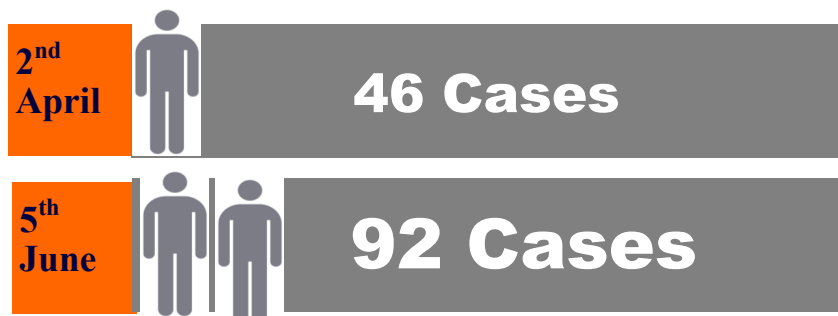
DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

The Bahamas

Doubling (2.1) 53 days

**Barbados**

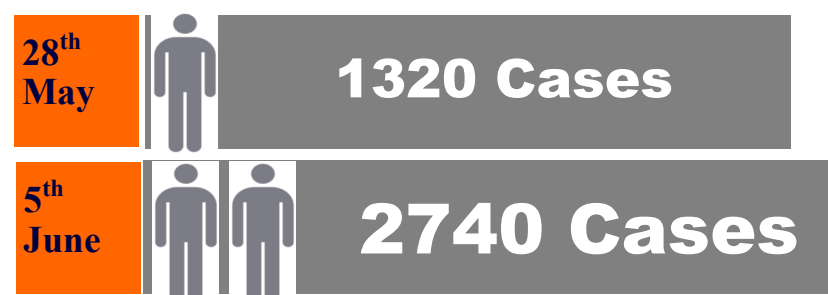
Approx. Doubling(2.0) 64 days

**Guyana**

Approx. Doubling (2.04) 38 days

**Haiti**

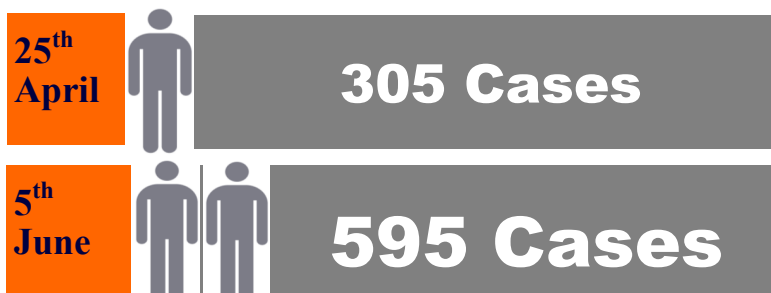
Doubling (2.1) - 8 days



DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

Jamaica

Approx. Doubling (1.95) 41 days

**Suriname [NEW]**

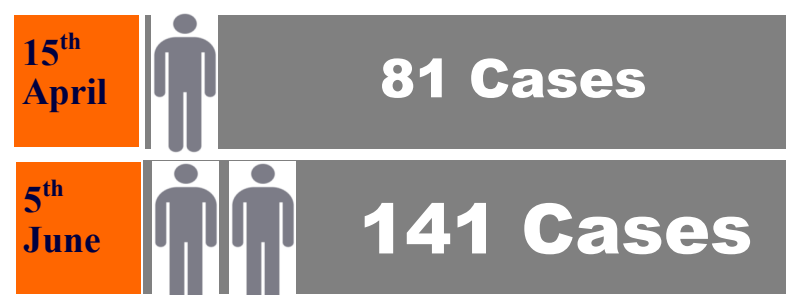
Approx. Doubling (2.0) 4 days

**Trinidad and Tobago**

Doubling (2.1) 73 days

**Bermuda**

Approx. Doubling (1.7) - 51 days



DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES**Cayman Islands**

Approx. Doubling (2.02) 28 days

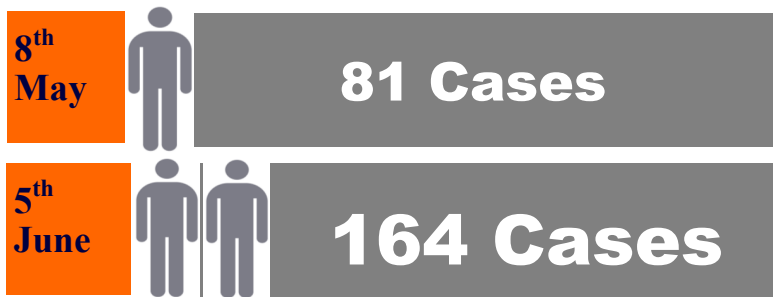


TABLE 9: EXPLANATIONS

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

TABLE 9: EXPLANATIONS

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

KEY REGIONAL AND INTERNATIONAL LINKS ON COVID-19

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

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

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

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

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

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

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

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