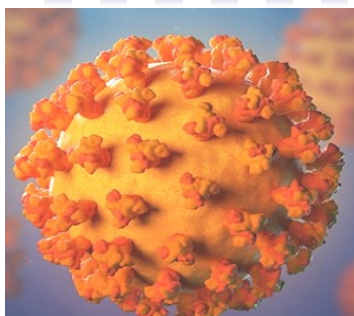


Stats News & Views



Special Topic Statistical Bulletin - COVID-19

Issue 10, 29 May 2020

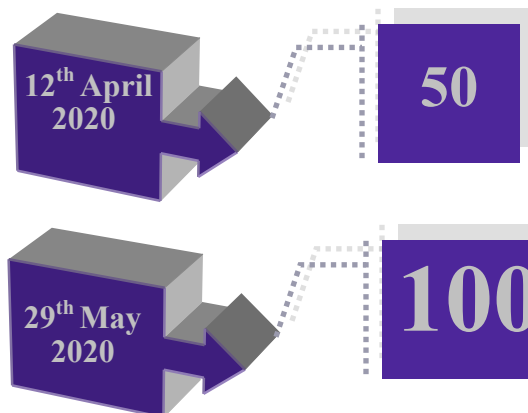
The **Special Topic Statistical Bulletin on COVID 19 in CARICOM Countries Issue 10**, provides an update of the trajectory of COVID-19 in the CARICOM Region up to **29 May 2020**. The Bulletin provides information on the pattern of the disease of the total number of confirmed cases, new cases and deaths 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. An *additional trendline is fitted to Projection 1 and Projection 3 is extended to 23 June*. These projections may be far removed from the reality of the situations in countries and may not depict the actual outcomes. Limited data are available on Sex and by Mode of Transmission of the virus as shown in the Bulletin. *Charts for a few more countries on the number of tests per 100, 000 population are added*. The Bulletin also repeats some of the key explanatory notes from previous issues, particularly as it relates to testing, which is a vital aspect of tracking the pandemic. The primary approach to sourcing the data continues to be web-scraping of information from official sources of countries. Please review the back issues for other key explanations about the data.

Situation at a Glance

MAY 2020						
Sun	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
	11 th 1465	12 th 1502	13 th 1516	14 th 1542	15 th 1589	16 th 1634
17 th 1684	18 th 1794	19 th 1893	20 th 1965	21 st 2050	22 nd 2142	23 rd 2236
24 th 2299	25 th 2404	26 th 2528	27 th 2648	28 th 2814	29 th MAY 2,945	



Total number of deaths
increased by 50
In 47 days
(12 April - 29 May 2020) at a rate
of 2.0



Doubling Rate With Haiti
Total number of confirmed
cases increased by

1,480

over 18 days
(11 - 29 May 2020)
2.01

Doubling Rate Without Haiti
Total number of confirmed
cases increased by

764

over 43 days
[16 April (738) - 29 May 2020
(1502)]

Special Topic Bulletin - COVID 19

TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 1 - 29 MAY 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	2528	124	96
27-May	2648	120	98
28-May	2814	166	99
29-May	2945	131	100

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 9 for the explanation on how the cumulative values are derived.

Please check previous Issues for data from 10-31 March 2020 and 1-30 April 2020.

What do we learn from the Data?

[as at 29 May 2020]

The number of confirmed cases moved from 2142 as at 22 May to 2945 on 29 May. The number of deaths moved from 89 to 100. There were 803 new cases (compared to 553 cases for the previous period) and 11 new deaths. Recoveries as at 29 May stood at 923 and active cases, 1919 as compared to 785 and 1265 respectively on 22 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*];

- ★ Nine countries - *Anguilla, Belize, British Virgin Islands (new), Dominica, Montserrat, Saint Lucia, St Kitts and Nevis, Trinidad and Tobago and Turks and Caicos Islands* have no active cases as at 29 May; *These countries along with Antigua and Barbuda had no new cases during 23-26 May*;
- ★ Three countries - *Suriname (2), Antigua and Barbuda (3) and Grenada (4)* have less than 5 active cases;
- ★ *Barbados (9) and St Vincent and the Grenadines (11)* have less than 15 active cases;
- ★ Two countries - *The Bahamas (43) and Bermuda (40)* have less than 50 active cases;
- ★ *Cayman Islands and Guyana, with 72 each*, have under 100 active cases;
- ★ *Jamaica and Haiti* have 277 (344 on 22 May) and 1386 (688 on 22 May) active cases, respectively, as at 29 May.

Recoveries

- ★ As implied earlier, there are nine countries for which all active cases have recovered;
- ★ Among those with active cases *Jamaica* had 289 recoveries as at 29 May;
- ★ *Bermuda* had 91 recoveries, *Barbados, 76, Cayman Islands, 68, Guyana, 67, The Bahamas, 48 and Haiti, 22, Trinidad and Tobago*, one of the nine countries with no active cases, had 108 recoveries in the previous reporting period.

Confirmed Cases

- ★ In absolute terms the countries with the highest numbers of Confirmed Cases are *Haiti, 1443, Jamaica with 575, Guyana, 150, Cayman Islands, 141, Bermuda, 140, Trinidad and Tobago, 116, The Bahamas 102 and Barbados, 92*;
- ★ In rates per 100,000 population *for countries with 25 plus cases, Bermuda* has the highest rate with 218.84 followed by *Cayman Islands* with 214.24 and *Barbados* with 33.50. *Montserrat (under 25 cases)* still has the highest rate overall at 220 (11 cases);
- ★ The rate for *Jamaica* is 21.08; *Haiti, 12.65 (almost doubled from 22 May, 6.43); Guyana, 20.24 and Trinidad and Tobago with no new cases for a while remains at 8.53.* [Please see Table 2 for rates for other countries.]

Deaths

- ★ *Haiti* has the highest number of deaths with 35 on 29 May, an increase of 10 from 22 May, followed jointly by *The Bahamas* and *Guyana* each with 11 deaths; Guyana was the only other country with a new death.
- ★ 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 for Haiti is 0.31;
- ★ 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 12 percent and *Belize* with 11.1 percent. *Haiti* has a case fatality rate of 2.4 percent.

Testing- [Tracking the pandemic]

- ★ *Cayman Islands* continues to have the best testing record with a rate of 16,925.2 tests per 100,000 population, (11,139 tests) followed by *Bermuda, 10,771.7 (6,891 tests)* and *Barbados, 1,919.2 (5,272 tests)*; *Jamaica* with a rate of 442.8 per 100,000, population, the ninth highest, has undertaken the highest number of tests, 12,078.

Special Topic Bulletin - COVID 19

CHART 1: SUMMARY ALL COUNTRIES - NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS –10 MARCH—29 MAY 2020

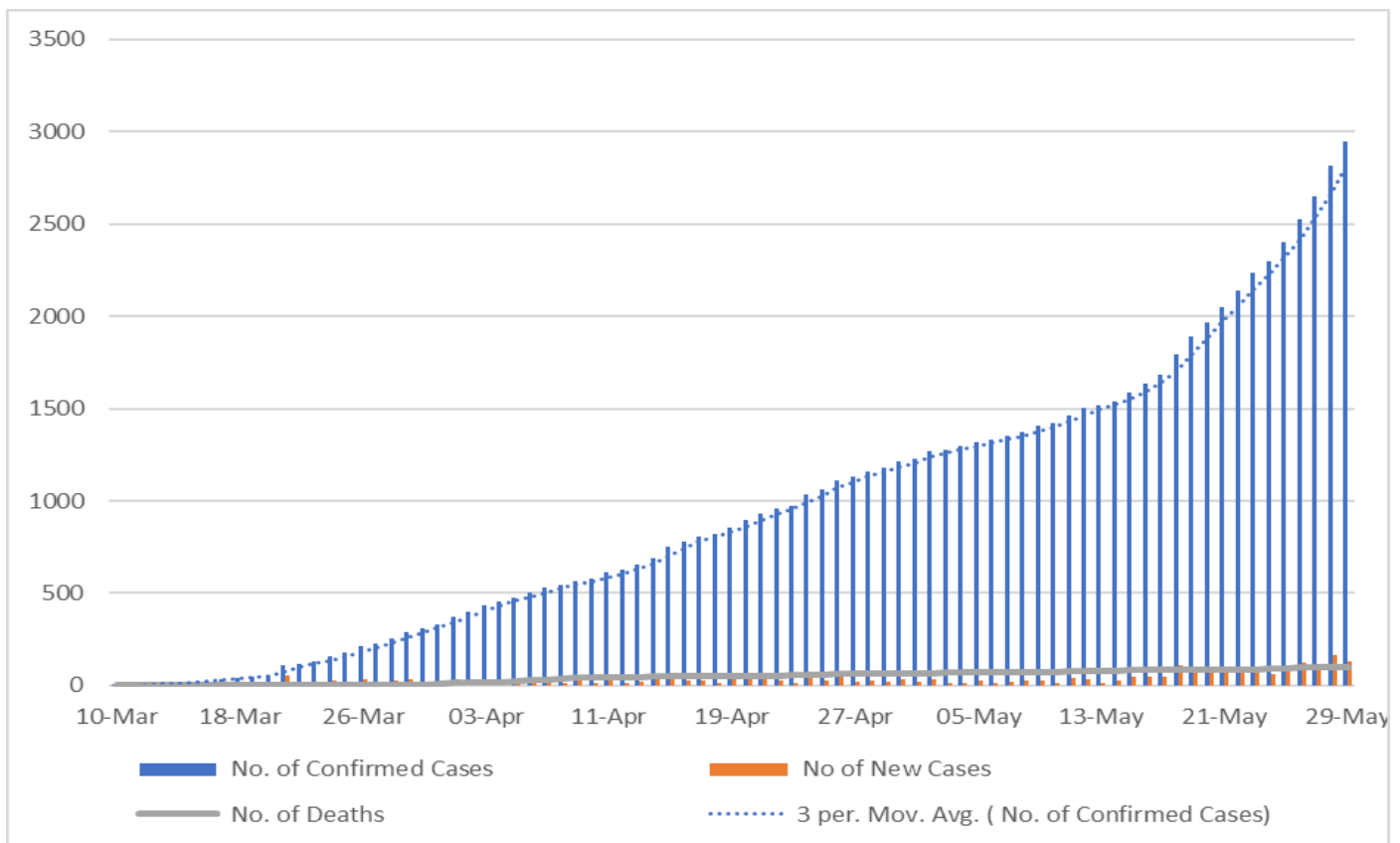
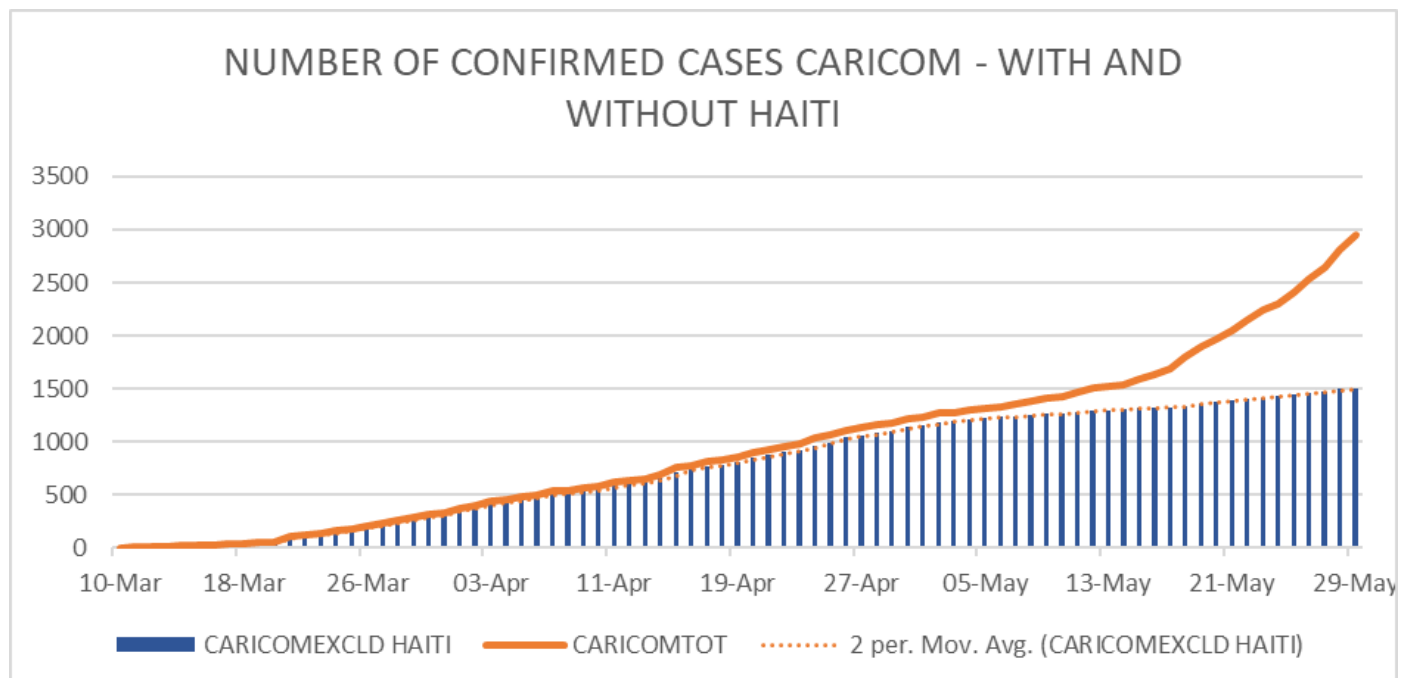


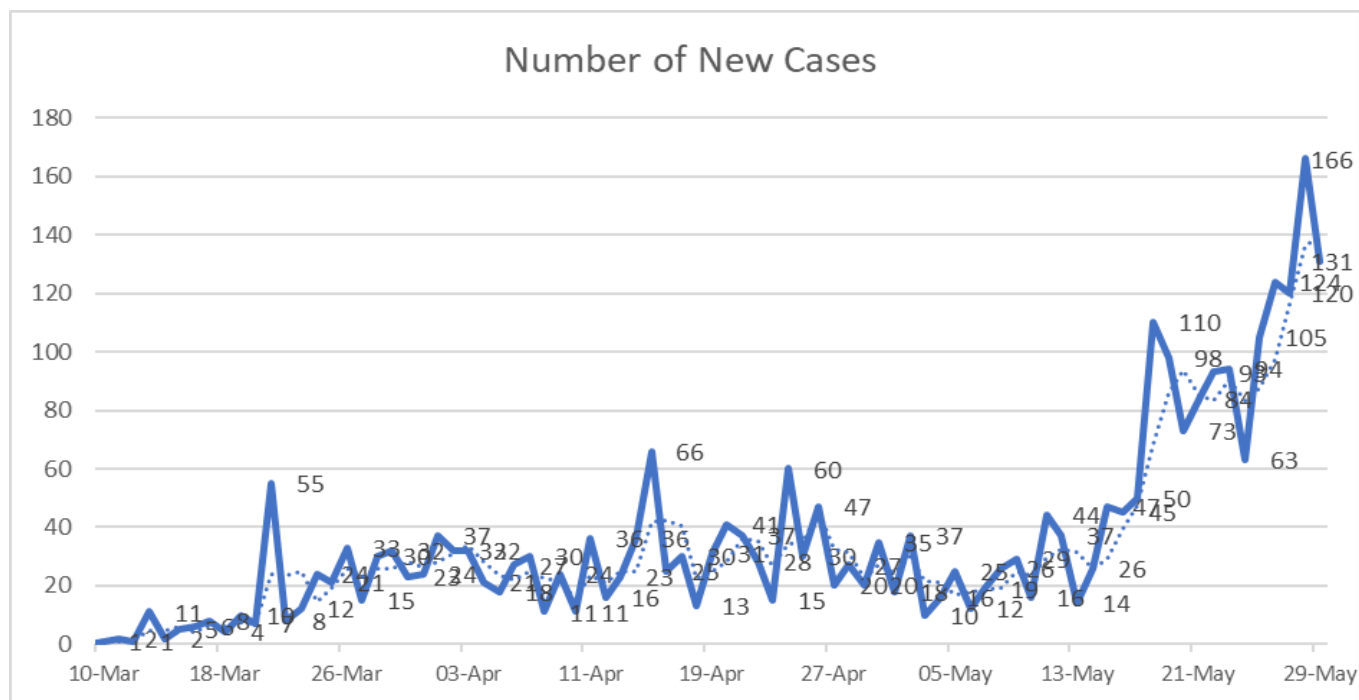
CHART 1A: NUMBER OF CONFIRMED CASES IN CARICOM– WITH AND WITHOUT HAITI AS AT 29 MAY 2020



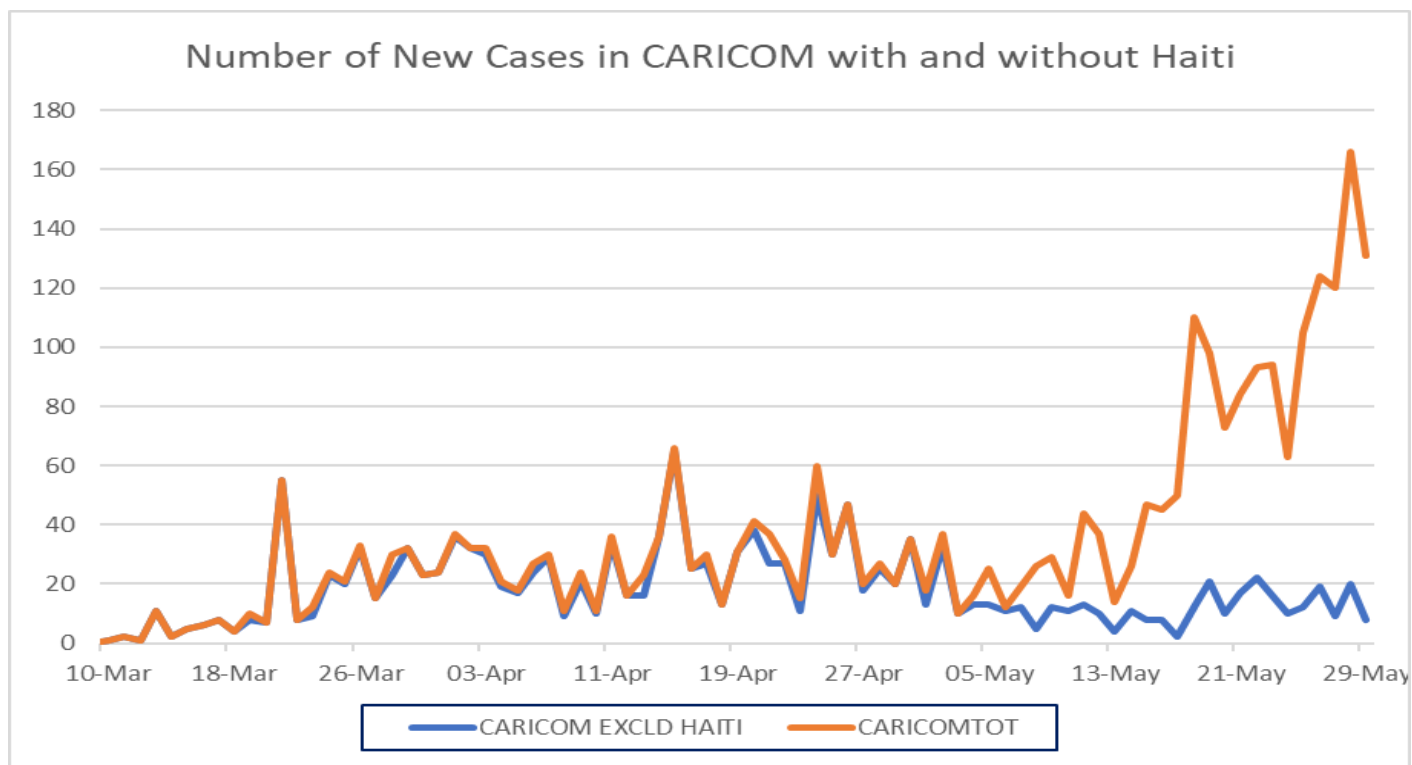
Note: Chart 1A shows the impact of the number of confirmed cases in CARICOM with *the blue bar chart* showing the number of cases *without Haiti* and the *orange line graph* showing the number of cases *with Haiti*. Haiti has contributed to approximately **49 percent** of the total number of confirmed cases as at **29 May**.

Special Topic Bulletin - COVID 19

**CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES -
10 MARCH—29 MAY 2020**



**CHART 1C: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - WITH AND
WITHOUT HAITI - 10 MARCH—29 MAY 2020**



Total number of new cases for the period 23-29 May is **803** as compared to 16-22 May when it was **553**, an increase of **250** new cases. Haiti contributed to **709** of the new cases or 88.3 percent, Jamaica, **31**, Guyana, **23**, Bermuda and Cayman Islands **12 each**, St Vincent and the Grenadines **7**, (returning crew from cruise ship) and The Bahamas, **5**. The *blue graph* shows the new cases *without Haiti* and the *orange with Haiti*.

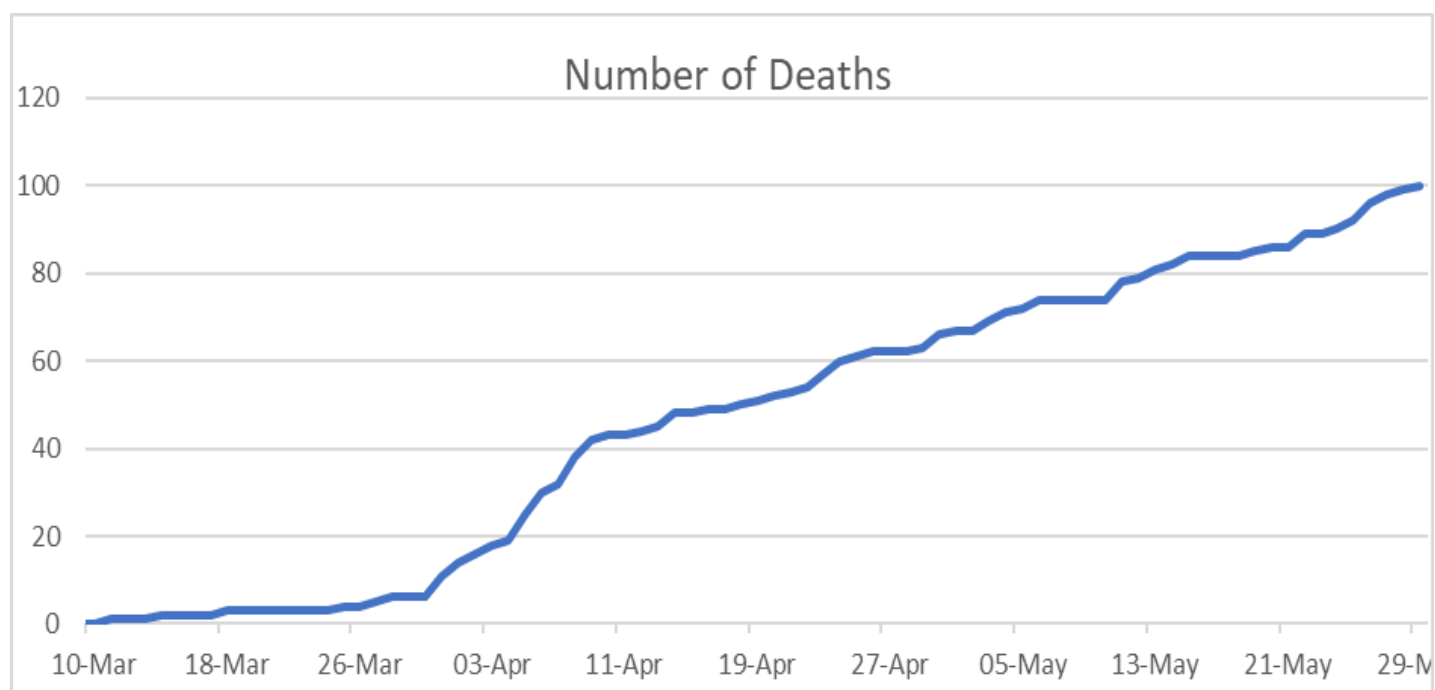
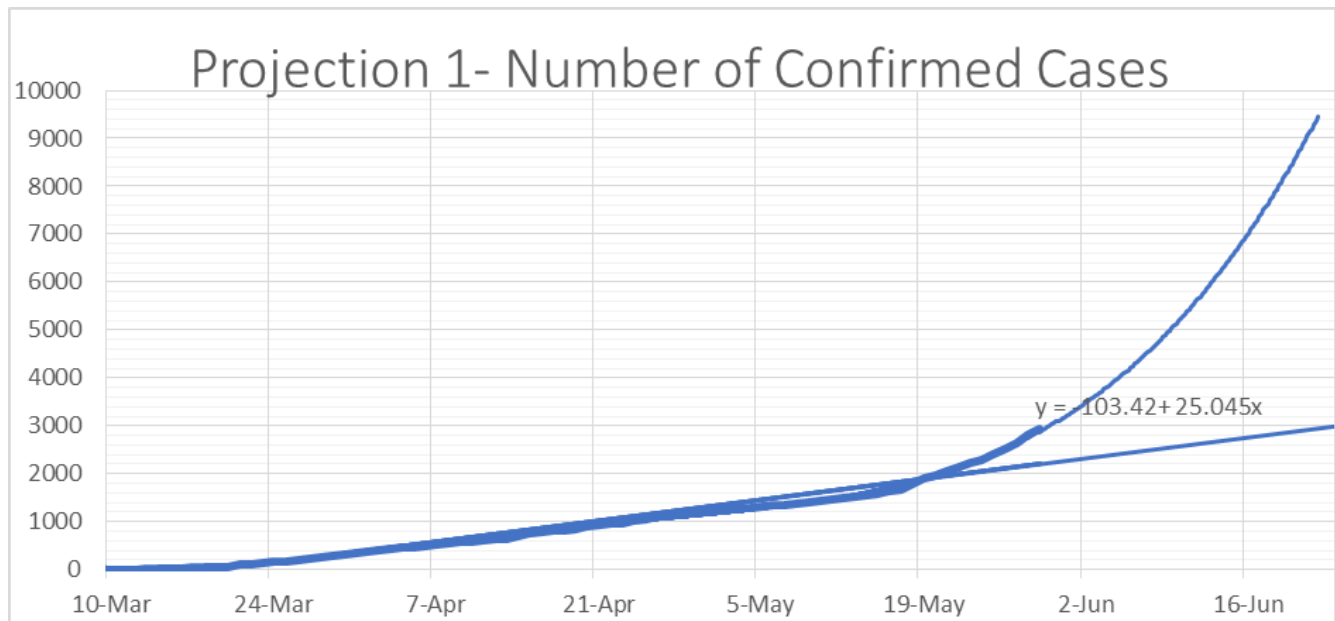
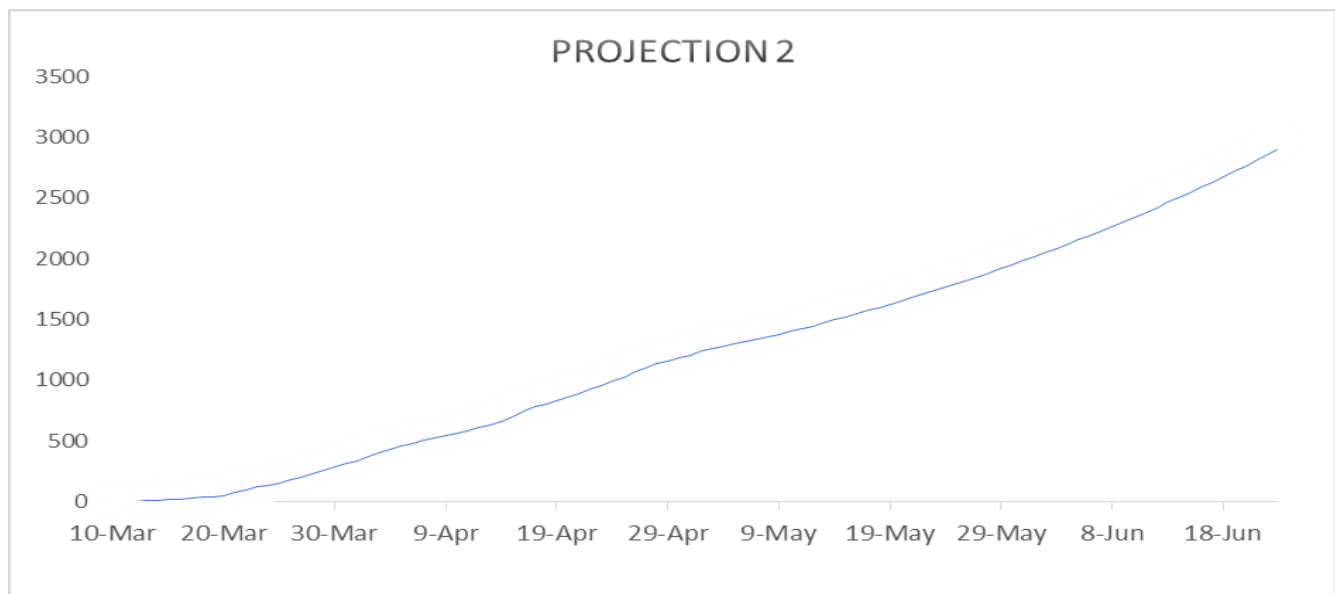
Special Topic Bulletin - COVID 19**CHART 1D: SUMMARY ALL COUNTRIES - NUMBER OF DEATHS -
10 MARCH—29 MAY 2020**

CHART 2: PROJECTION 1-ESTIMATED NUMBER OF CONFIRMED CASES UP TO 23 JUNE 2020– USING A LINEAR TRENDLINE



Note: Linear trend line extended to 23 June 2020. Using the equation of the line the predicted value for 29 May is 1925 cases as compared to the actual value which is 2241 cases. However the second non-linear trendline seems to better follow the trend in the confirmed cases, which shows that on June 2 the number of confirmed cases should be approximately 3400.

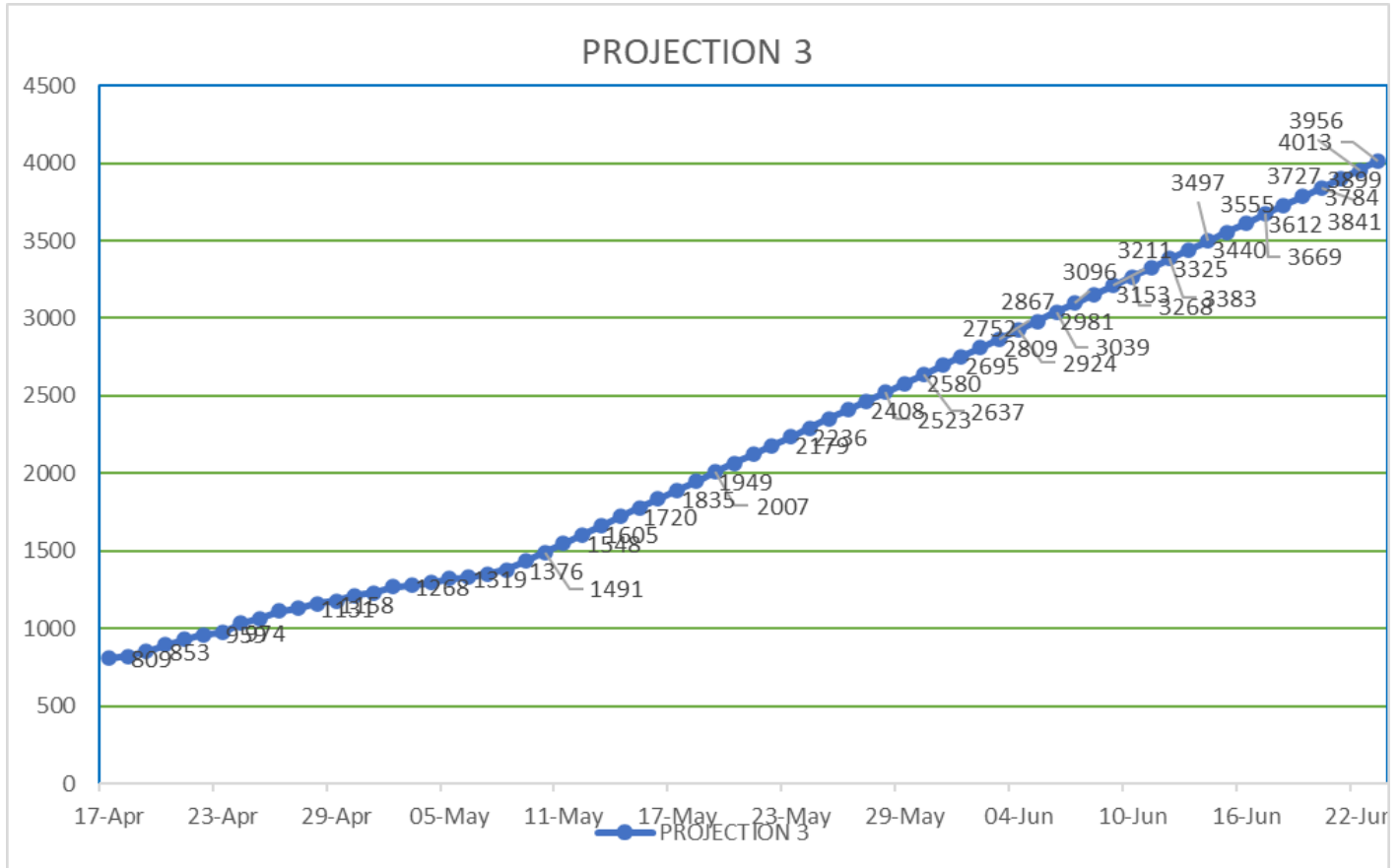
CHART 2A: PROJECTION USING GROWTH RATES (1-8 MAY) OF NUMBER OF CONFIRMED CASES –UP TO 23 JUNE



Note: The projected value for 29 May is 1950, while the actual value was 2945 reflecting a higher growth rate than was used in this projection. This value is closer to the number of confirmed cases excluding Haiti as at 29 May, which is 1502.

Special Topic Bulletin - COVID 19

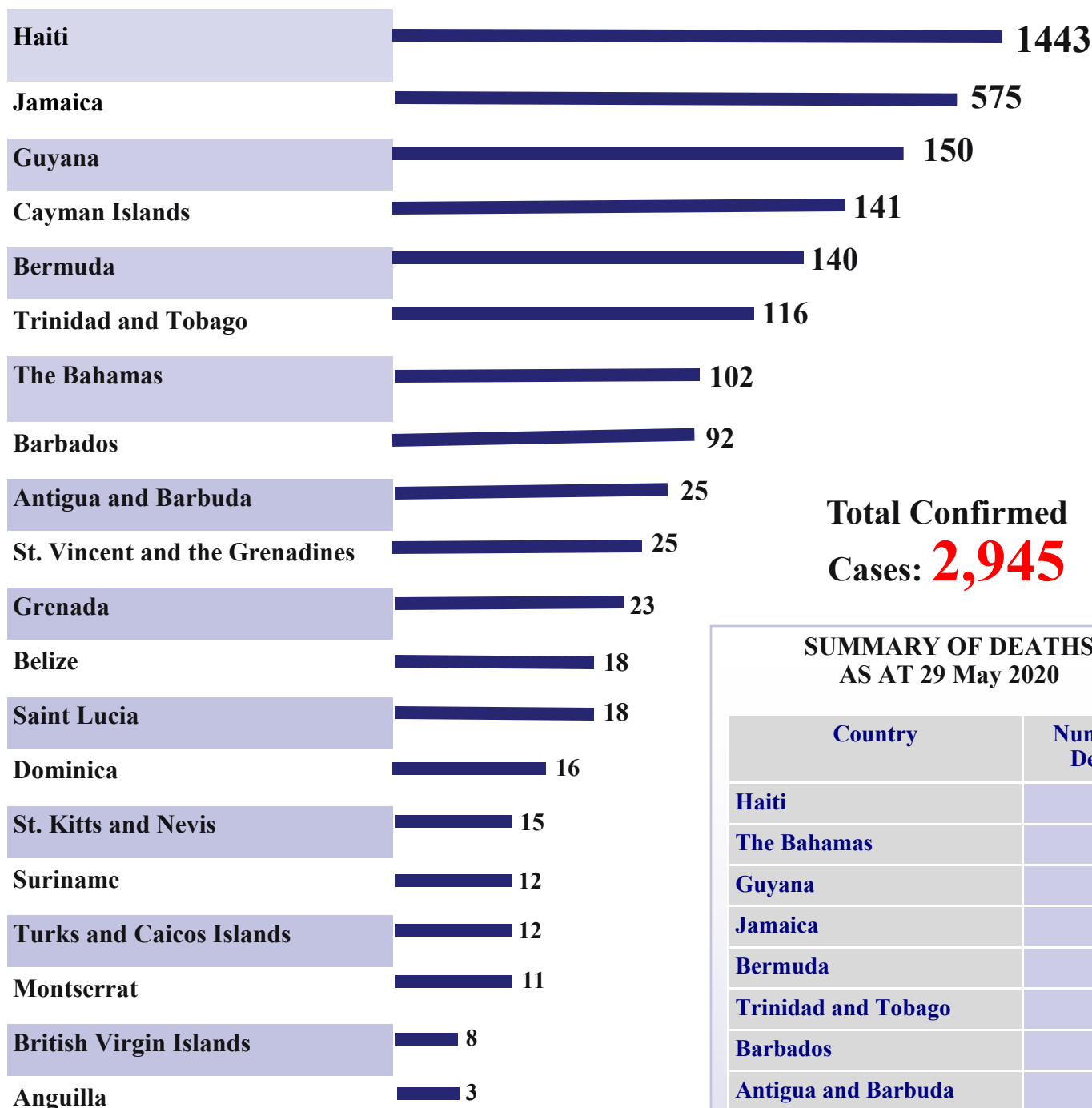
CHART 2B: PROJECTION BASED ON 24 DAY DOUBLING PERIOD – EXTENDED TO 23 JUNE



Note: The projected value for 29 May was **2580**, compared to the actual value of **2945**. The projected value for 5 June is **2980**. The doubling period for CARICOM has decreased to **18 days as at May 29**, reflecting increased transmission of the virus due to the impact of the large number of new cases in Haiti. Projection 3 is based on a doubling period of 24 days leading to the lower projected value.

Special Topic Bulletin - COVID 19

SUMMARY OF CONFIRMED CASES AS AT 29 MAY 2020



Total Deaths: 100

Note: Haiti has more than 2.5 times the confirmed cases of Jamaica, that in turn has just over 3.8 times that of Guyana that is now in third place from fifth place in the previous reporting week. Haiti with 10 deaths and Guyana with 1 are the countries that have contributed to the entire increase in deaths for the reporting period.

SUMMARY OF DEATHS AS AT 29 May 2020

Country	Number of Deaths
Haiti	35
The Bahamas	11
Guyana	11
Jamaica	9
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

TABLE 2: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION IN CARICOM –SELECTED COUNTRIES- 17 APRIL –29 MAY

COUNTRY	DATES						
	17-Apr	24-Apr	01-May	08-May	15-May	22-May	29-May
CARICOM -ALL COUNTRIES	4.45	5.69	6.78	7.57	8.75	11.79	16.21
CARICOM EXCLD HAITI	10.62	13.35	15.95	17.31	18.27	19.55	20.85
ANTIGUA AND BARBUDA	24.21	25.26	26.31	26.31	26.31	26.31	26.31
THE BAHAMAS	14.42	19.14	21.50	24.65	25.18	25.44	26.75
BARBADOS	27.31	28.04	29.49	30.22	30.95	32.77	33.50
BERMUDA	129.74	170.38	178.20	184.45	192.27	200.08	218.84
CAYMAN ISLANDS	92.69	106.36	112.44	123.08	142.83	196.01	214.24
GUYANA	8.50	9.85	11.07	12.55	15.65	17.14	20.24
HAITI	0.39	0.63	0.71	1.13	2.39	6.43	12.65
JAMAICA	5.98	10.56	15.84	17.97	18.74	19.94	21.08
TRINIDAD & TOBAGO	8.39	8.46	8.53	8.53	8.53	8.53	8.53

Note: Please check the [Explanatory Notes repeated in this Issue](#) for the use of a rate 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 **29 May** are: *Bermuda, Cayman Islands, Barbados, The Bahamas and Antigua and Barbuda*.

Montserrat (less than 11 confirmed cases) not shown in this table has the highest rate as at 29 May with 220 cases per 100, 000 population.

Haiti and Trinidad and Tobago have rates below the rate per 100,000 for all CARICOM Countries.

Information on the number of confirmed cases per 100, 000 population as at 29 May for those countries that are not shown can be requested. Please check previous Issues for rates for earlier periods.

Special Topic Bulletin - COVID 19

CHART 3: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- CARICOM WITH AND WITHOUT HAITI 26 MARCH-29 MAY

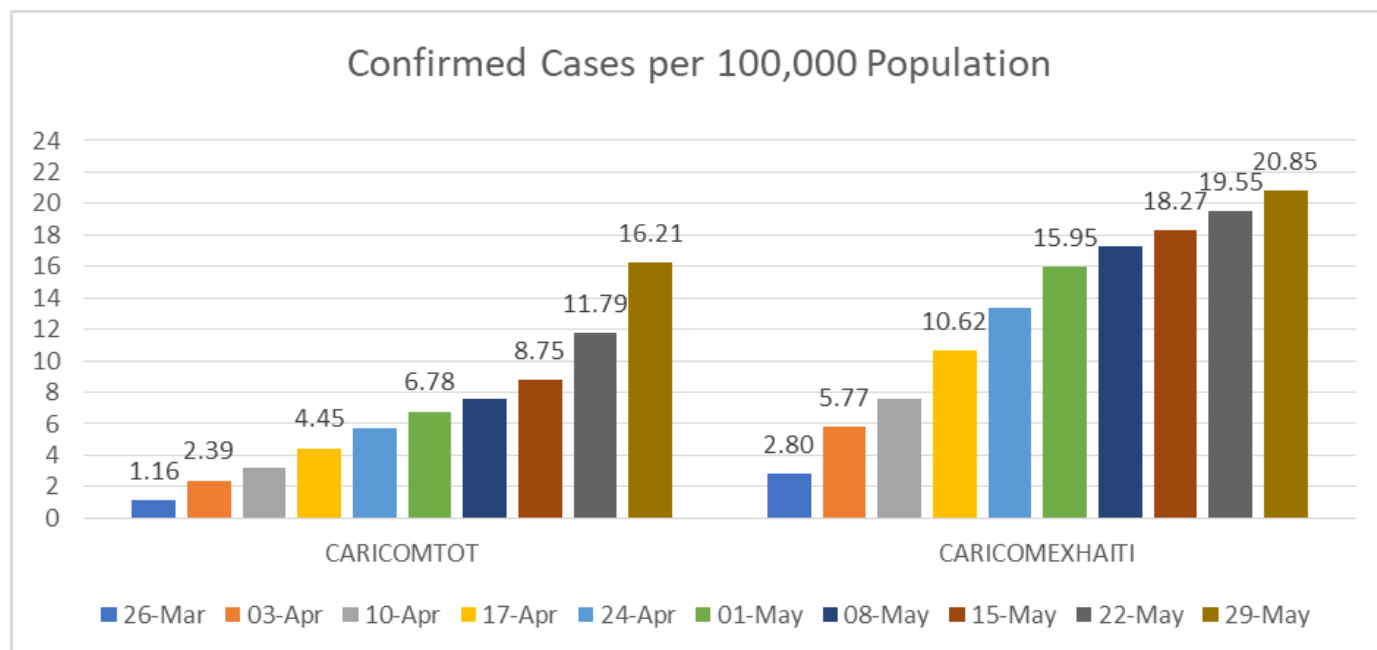
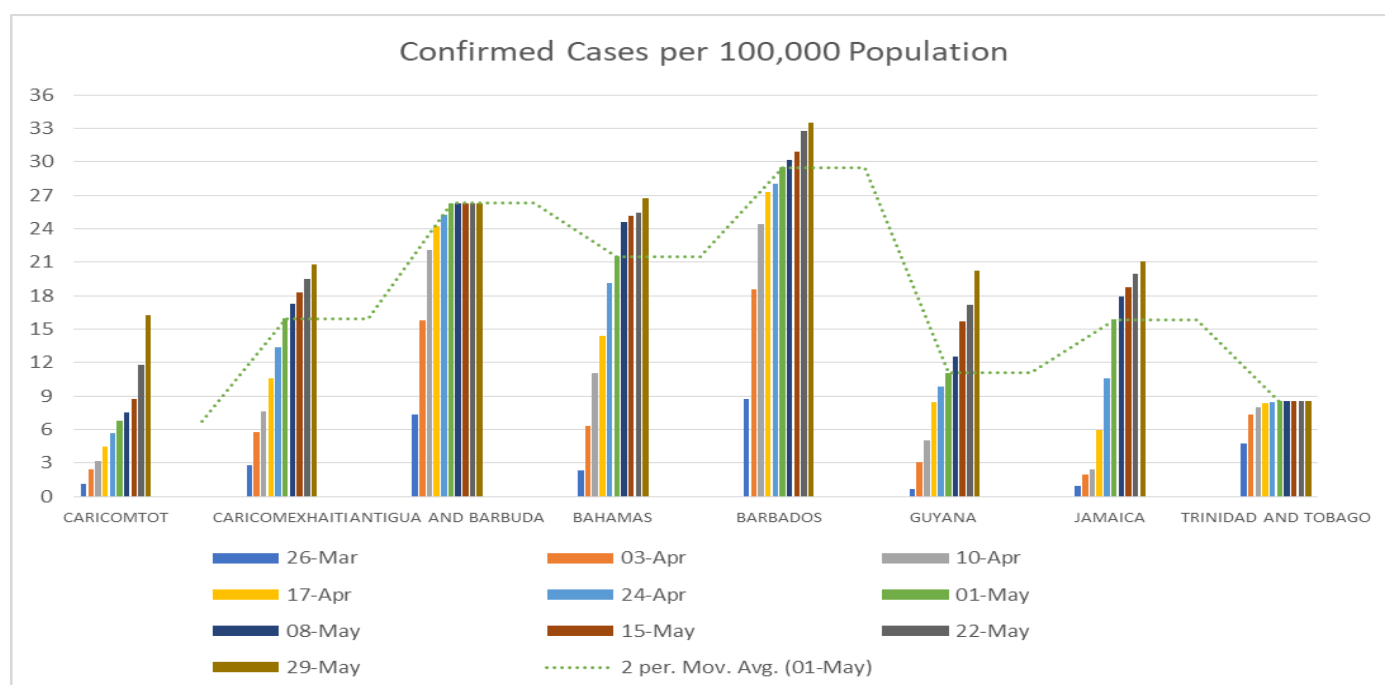


CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES 26 MARCH-29 MAY



Special Topic Bulletin - COVID 19

CHART 3B: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS -26 MARCH-29 MAY

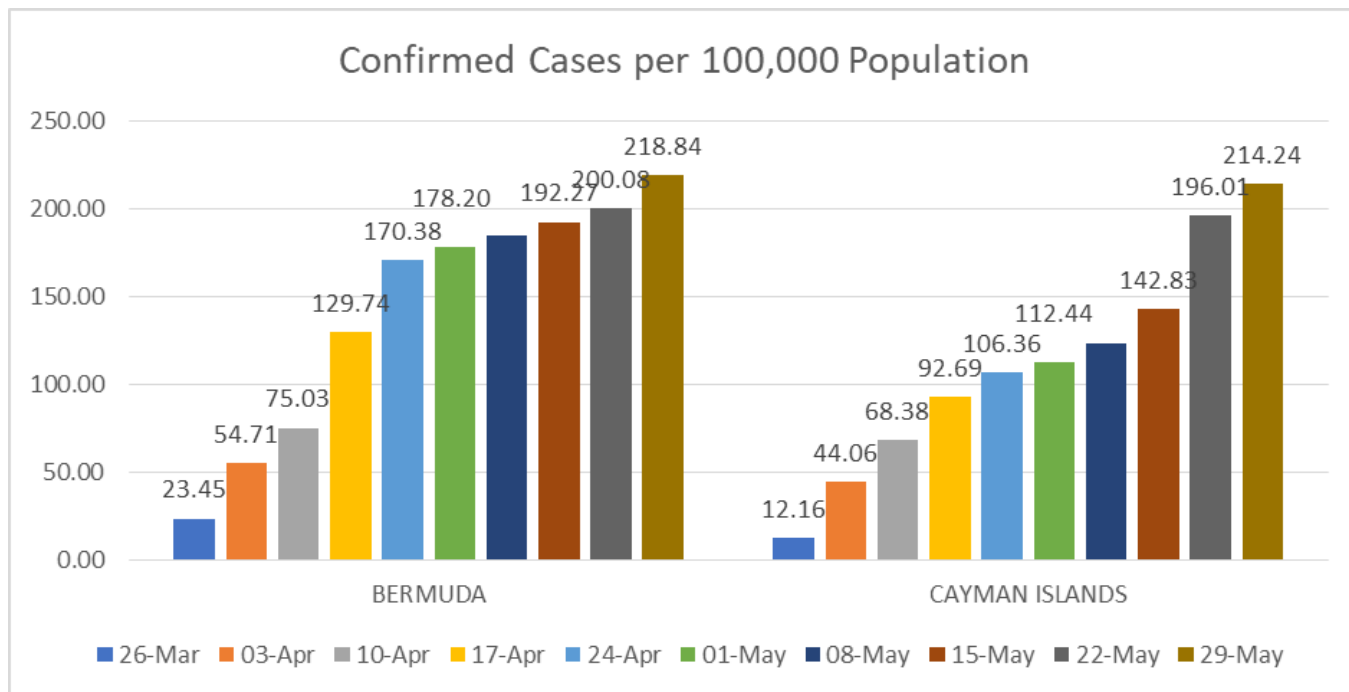
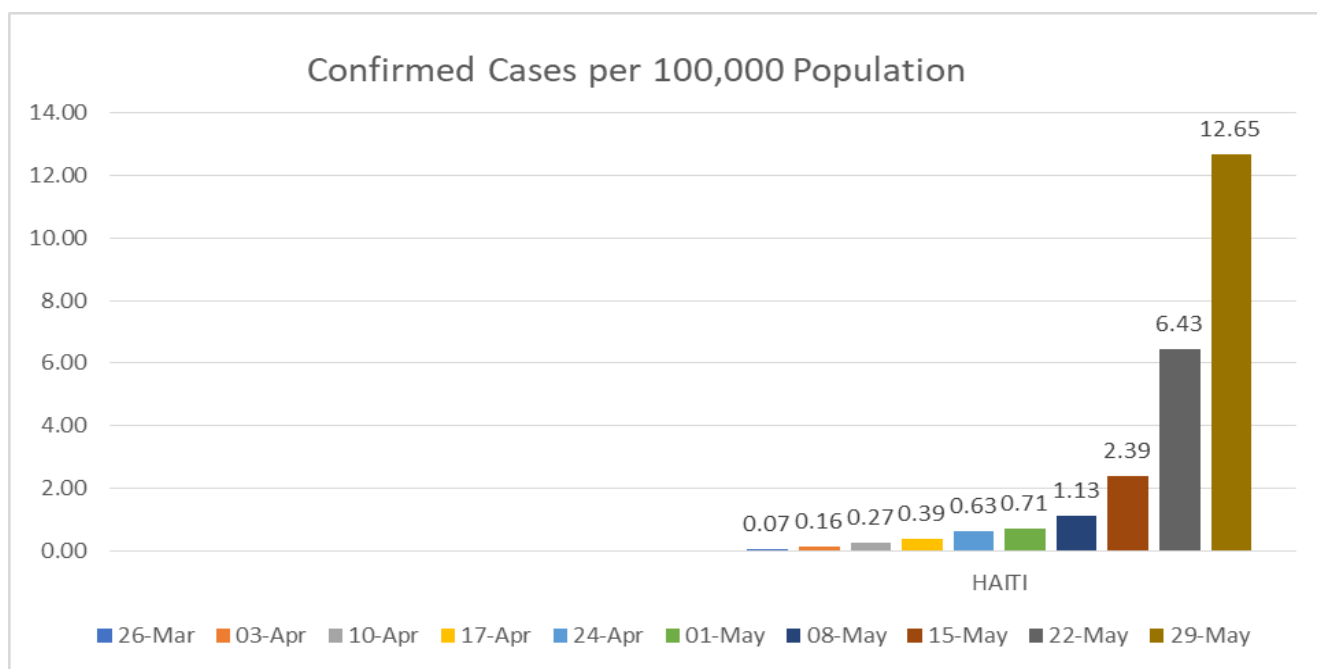
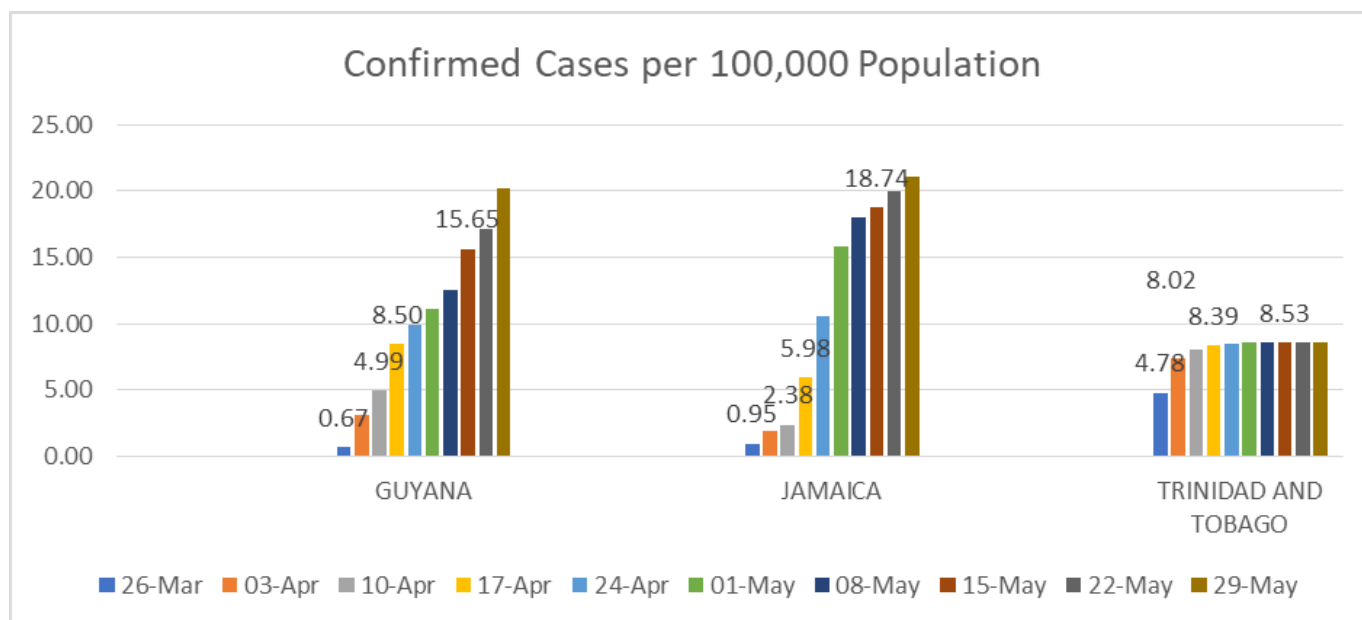


CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- HAITI - 26 MARCH-29 MAY

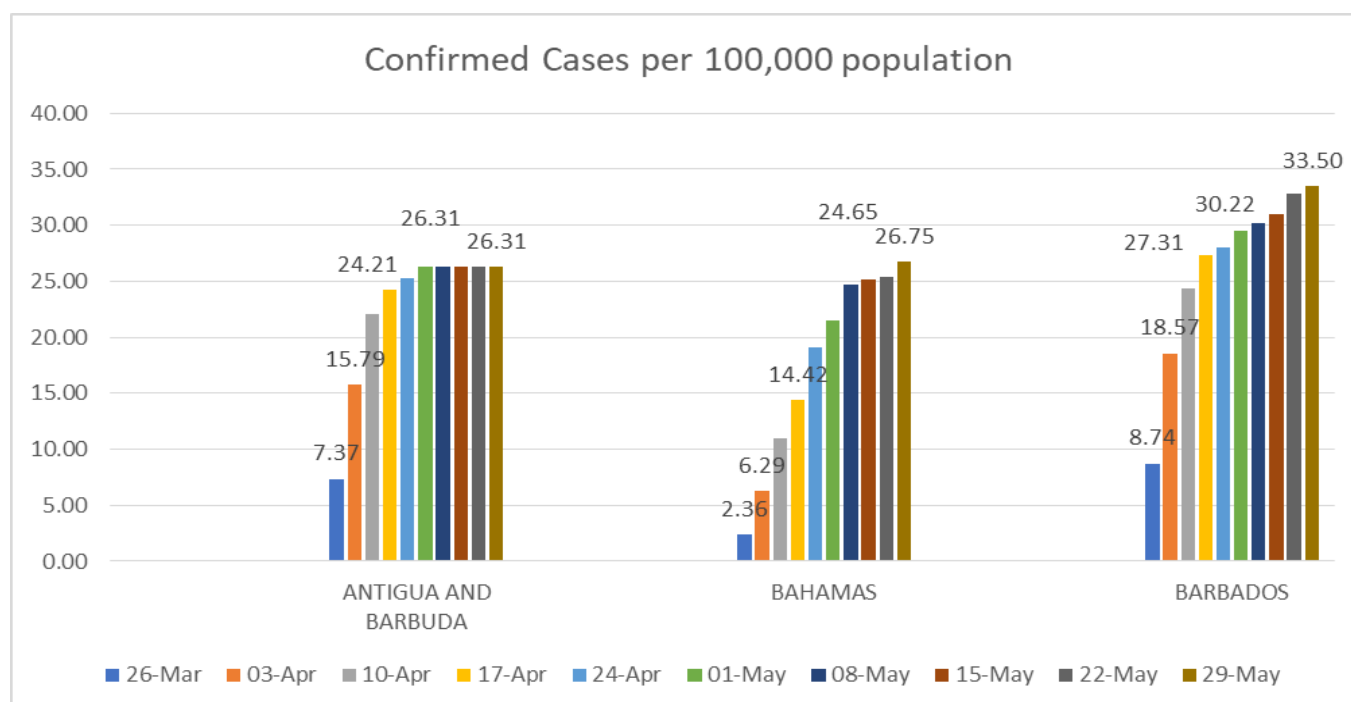


Special Topic Bulletin - COVID 19

**CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
- GUYANA, JAMAICA AND TRINIDAD AND TOBAGO- 26 MARCH-29 MAY**



**CHART 3E: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
ANTIGUA AND BARBUDA, THE BAHAMAS AND BARBADOS
26 MARCH-29 MAY**



Special Topic Bulletin - COVID 19
**TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION
17 APRIL –29 MAY**

COUNTRY	DATE						
	17-Apr	24-Apr	01-May	08-May	15-May	22-May	29-May
CARICOM ALL COUNTRIES	0.27	0.33	0.37	0.41	0.46	0.49	0.55
CARICOM EXCL. HAITI	0.64	0.76	0.82	0.86	0.89	0.89	0.90
ANTIGUA AND BARBUDA	3.16	3.16	3.16	3.16	3.16	3.16	3.16
THE BAHAMAS	2.36	2.88	2.88	2.88	2.88	2.88	2.88
BARBADOS	1.82	2.18	2.55	2.55	2.55	2.55	2.55
BERMUDA	7.82	7.82	9.38	10.94	14.07	14.07	14.07
BELIZE	0.50	0.50	0.50	0.50	0.50	0.50	0.50
BRITISH VIRGIN ISLANDS	0.00	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	0.81	1.08	1.21	1.35	1.35	1.35	1.48
HAITI	0.03	0.04	0.07	0.11	0.18	0.22	0.31
JAMAICA	0.18	0.26	0.29	0.33	0.33	0.33	0.33
MONTSERRAT	0.00	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.

Special Topic Bulletin - COVID 19

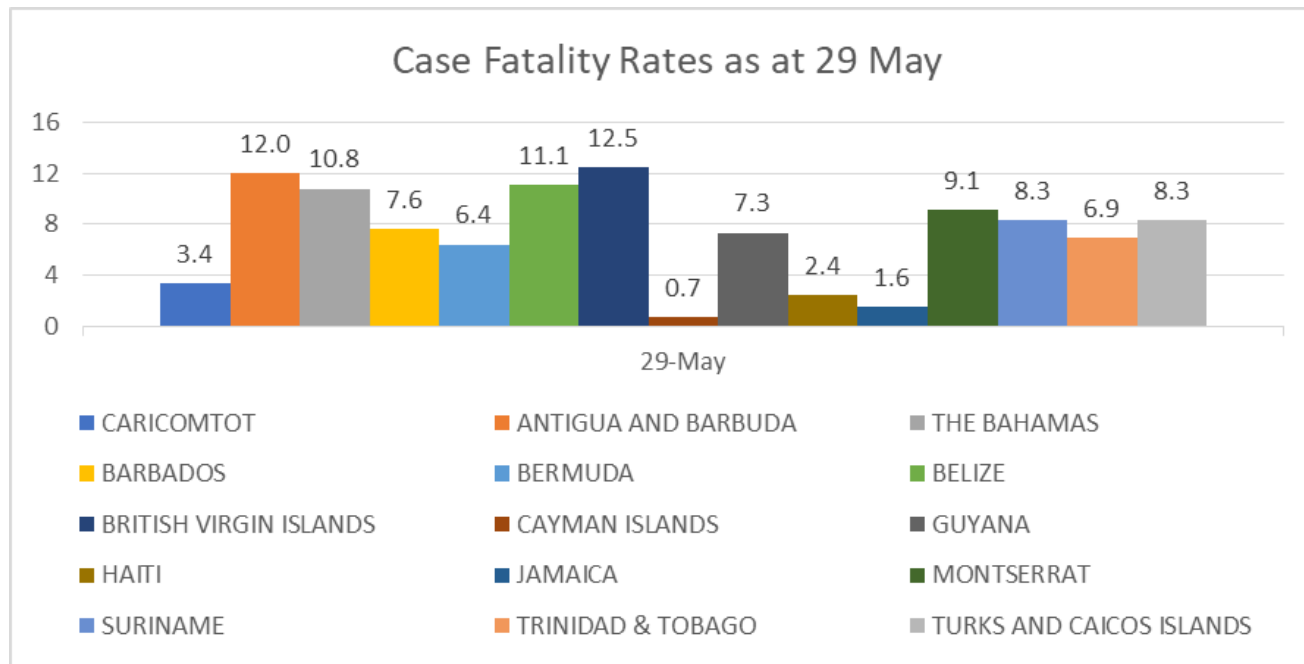
**TABLE 3A: DEATHS AS A PERCENTAGE OF THE NUMBER OF
CONFIRMED CASES– CASE FATALITY RATES –17 APRIL –29 MAY**

COUNTRY	DATE						
	17-Apr	24-Apr	01-May	08-May	15-May	22-May	29-May
CARICOM ALL COUNTRIES	6.1	5.8	5.4	5.4	5.3	4.2	3.4
ANTIGUA AND BARBUDA	13.0	12.5	12.0	12.0	12.0	12.0	12.0
THE BAHAMAS	16.4	15.1	13.4	11.7	11.5	11.3	10.8
BARBADOS	6.7	7.8	8.6	8.4	8.2	7.8	7.6
BERMUDA	6.0	4.6	5.3	5.9	7.3	7.0	6.4
BELIZE	11.1	11.1	11.1	11.1	11.1	11.1	11.1
BRITISH VIRGIN ISLANDS	0.0	20.0	16.7	14.3	12.5	12.5	12.5
CAYMAN ISLANDS	1.6	1.4	1.4	1.2	1.1	0.8	0.7
GUYANA	9.5	11.0	11.0	10.8	8.6	7.9	7.3
HAITI	6.8	6.9	9.9	9.3	7.3	3.4	2.4
JAMAICA	3.1	2.4	1.9	1.8	1.8	1.7	1.6
MONTSERRAT	0.0	9.1	9.1	9.1	9.1	9.1	9.1
SURINAME	10.0	10.0	10.0	10.0	10.0	9.1	8.3
TRINIDAD & TOBAGO	7.0	7.0	6.9	6.9	6.9	6.9	6.9
TURKS AND CAICOS ISLANDS	9.1	9.1	8.3	8.3	8.3	8.3	8.3

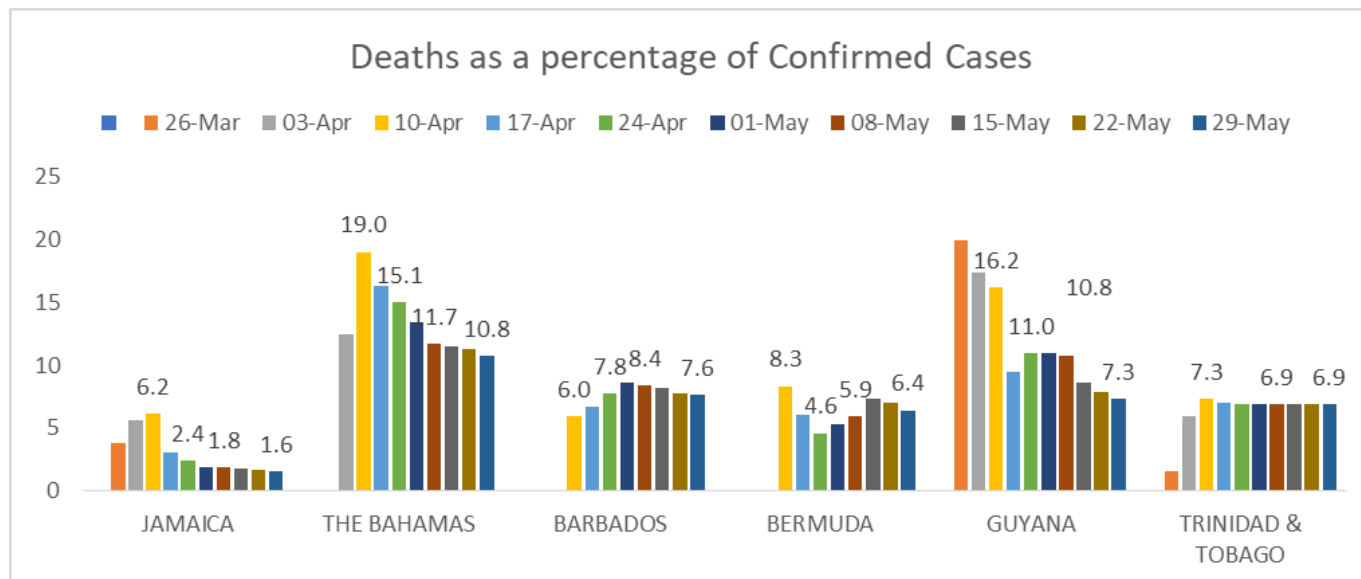
Note: The number of deaths to confirmed cases reflects a fatality rate that does not take the population size into consideration. Please check previous issues for values for earlier periods.

Special Topic Bulletin - COVID 19

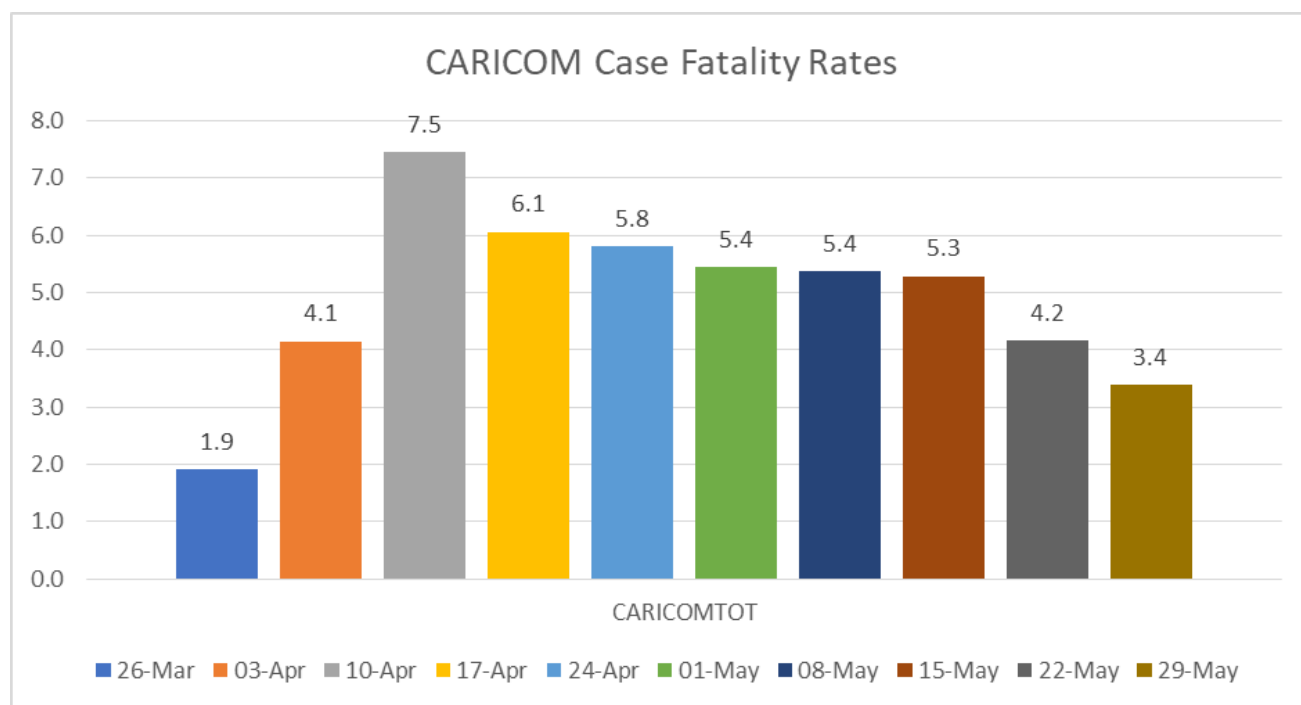
**CHART 4: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
ALL COUNTRIES-CASE FATALITY RATES AS AT 29 MAY**



**CHART 4A: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
SELECTED COUNTRIES-CASE FATALITY RATES 26 MARCH- 29 MAY**

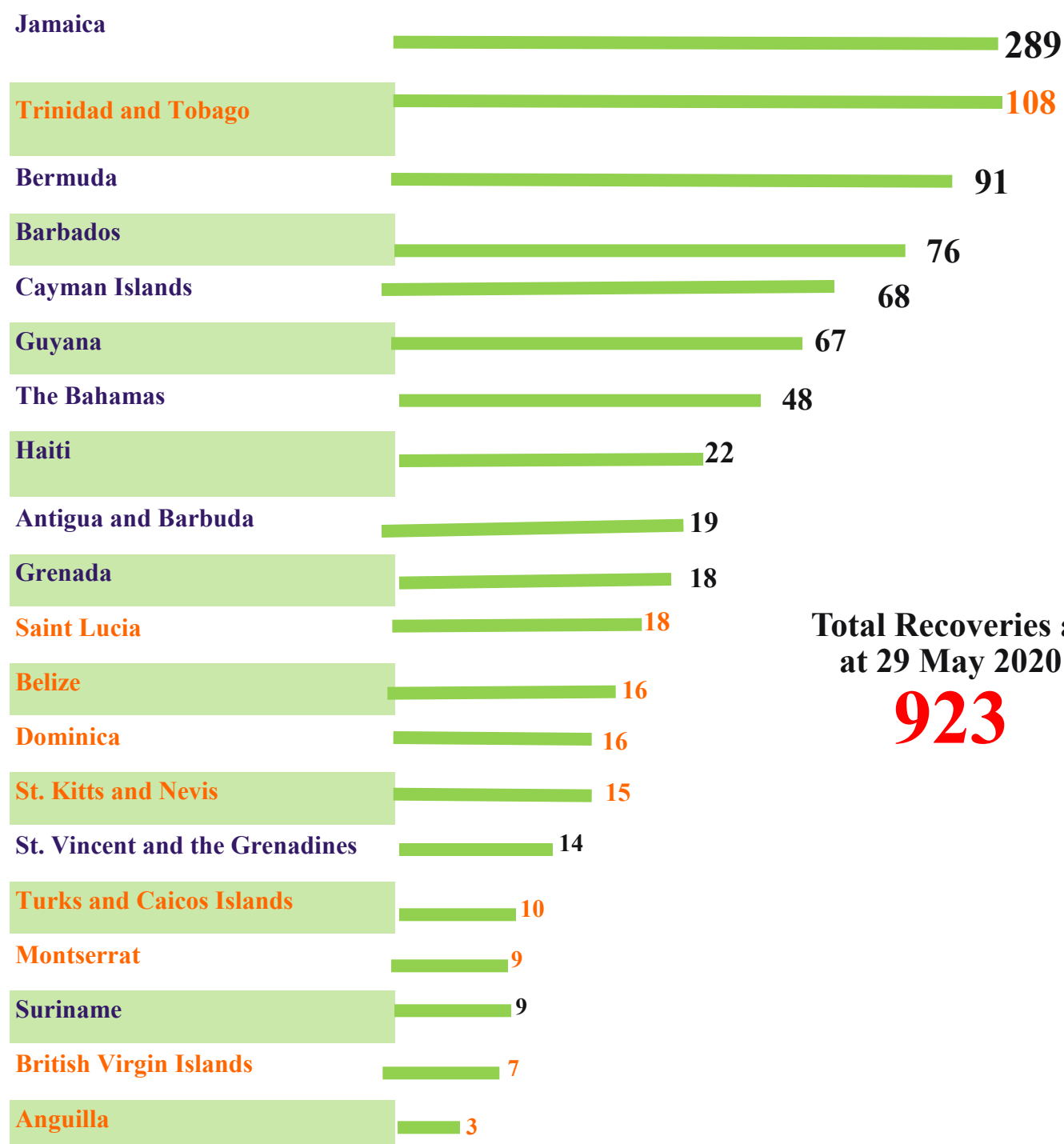


**CHART 4B: CARICOM—ALL COUNTRIES- CASE FATALITY RATES
26 MARCH - 29 MAY**



Special Topic Bulletin - COVID 19

SUMMARY OF RECOVERED CASES AS AT 29 MAY 2020



**Total Recoveries as
at 29 May 2020**

923

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

Special Topic Bulletin - COVID 19

TABLE 4: ACTIVE CASES, RECOVERIES, NUMBER OF TESTS CONDUCTED AND HOSPITALISATIONS AS AT 29 MAY 2020

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPITALISATIONS
Jamaica	575	289	277	12078	19
Trinidad and Tobago	116	108	0	3122	0
Bermuda	140	91	40	6891	9
Barbados	92	76	9	5272	
Cayman Islands	141	68	72	11139	0
Guyana	150	67	72	1586	
The Bahamas	102	48	43	2087	4
Haiti	1443	22	1386	3966	320
Antigua and Barbuda	25	19	3	183	0
Saint Lucia	18	18	0	973	0
Grenada	23	18	4	454	
Belize	18	16	0	1572	0
Dominica	16	16	0	433	0
St Kitts and Nevis	15	15	0	394	0
St Vincent and the Grenadines	25	14	11	652	
Turks and Caicos Islands	12	10	0	129	0
Montserrat	11	9	0	62	0
Suriname	12	9	2	782	
British Virgin Islands	8	7	0	167	0
Anguilla	3	3	0	30	0
TOTAL	2945	923	1919		

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

All active cases in Anguilla, Belize, British Virgin Islands, Dominica, Montserrat, Saint Lucia, St Kitts and Nevis, Trinidad and Tobago and Turks and Caicos Islands have recovered.

Special Topic Bulletin - COVID 19

**Table 5: NUMBER OF TESTS AND RATE PER 100,000 POPULATION –
SELECTED COUNTRIES AS AT 29 MAY 2020**

COUNTRY	NO. OF TESTS	NO. OF TESTS PER 100,000
Jamaica	12078	442.8
Trinidad and Tobago	3122	229.7
Bermuda	6891	10771.7
Barbados	5272	1919.7
Cayman Islands	11139	16925.2
Guyana	1586	214.0
The Bahamas	2087	547.3
Haiti	3966	34.8
Antigua and Barbuda	183	192.6
Saint Lucia	973	543.6
Grenada	454	407.3
Belize	1572	394.9
Dominica	433	601.4
St Kitts and Nevis	394	743.4
St Vincent and the Grenadines	652	587.4
Turks and Caicos Islands	129	312.3
Montserrat	62	1240.0
Suriname	782	134.1
British Virgin Islands	167	572.9
Anguilla	30	200.0

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. Therefore an adjustment was done to the total number of tests for Grenada to reflect only the PCR.

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

Special Topic Bulletin - COVID 19

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

18 APRIL - 29 MAY 2020

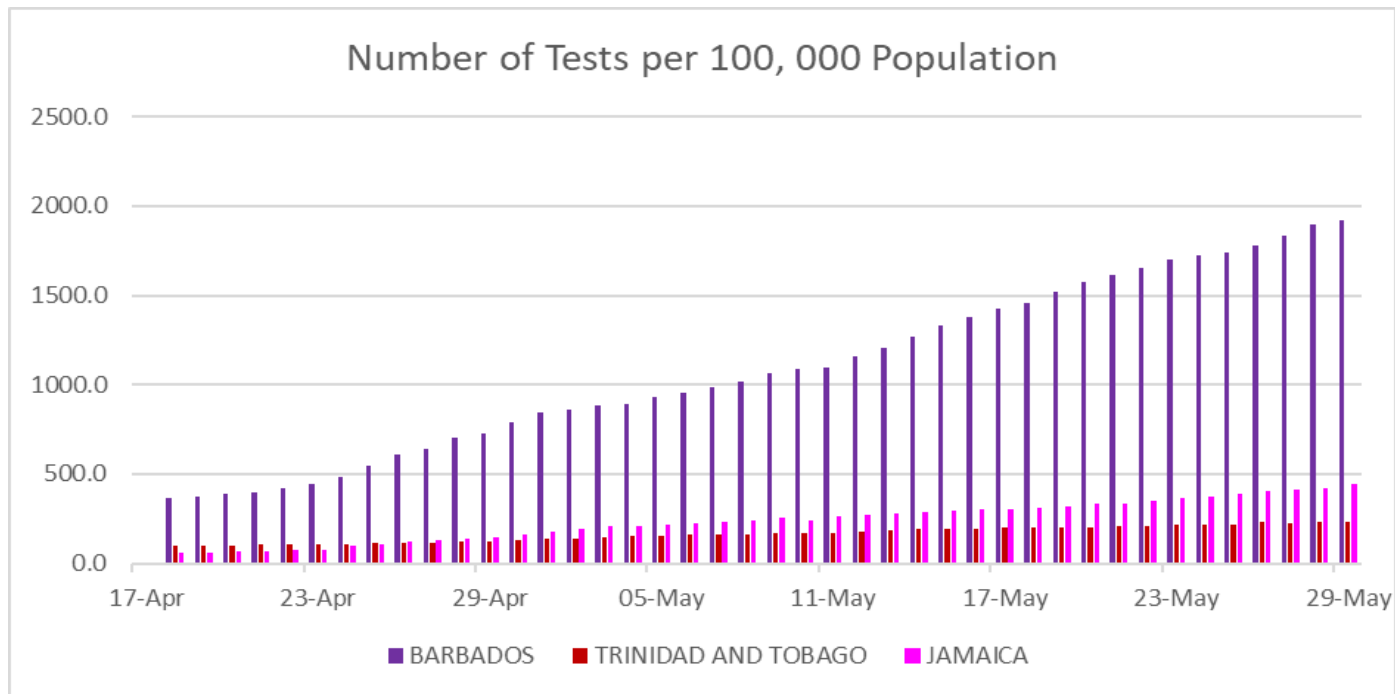
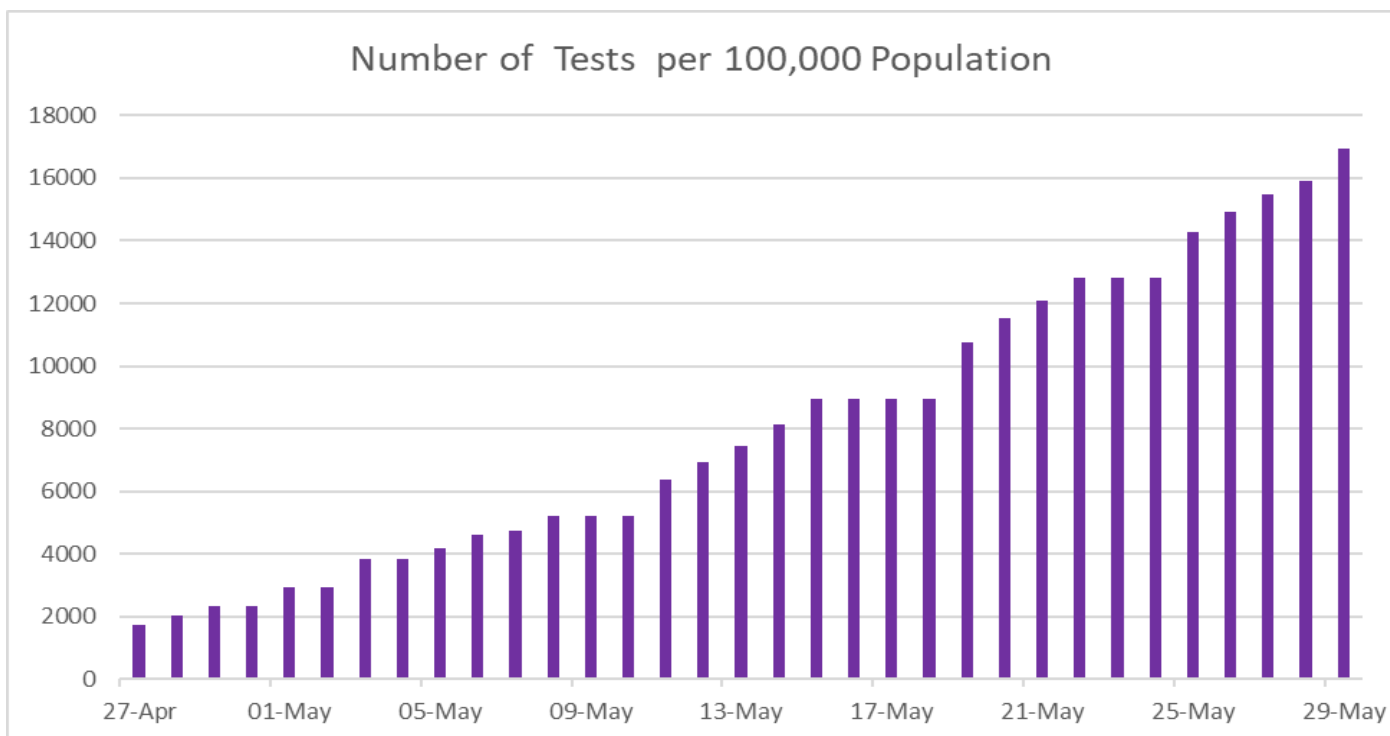


CHART 5A: NUMBER OF TESTS PER 100, 000 POPULATION— CAYMAN ISLANDS

27 APRIL—29 MAY 2020



Special Topic Bulletin - COVID 19

CHART 5B: NUMBER OF RECOVERIES - BARBADOS

18 APRIL - 29 MAY 2020

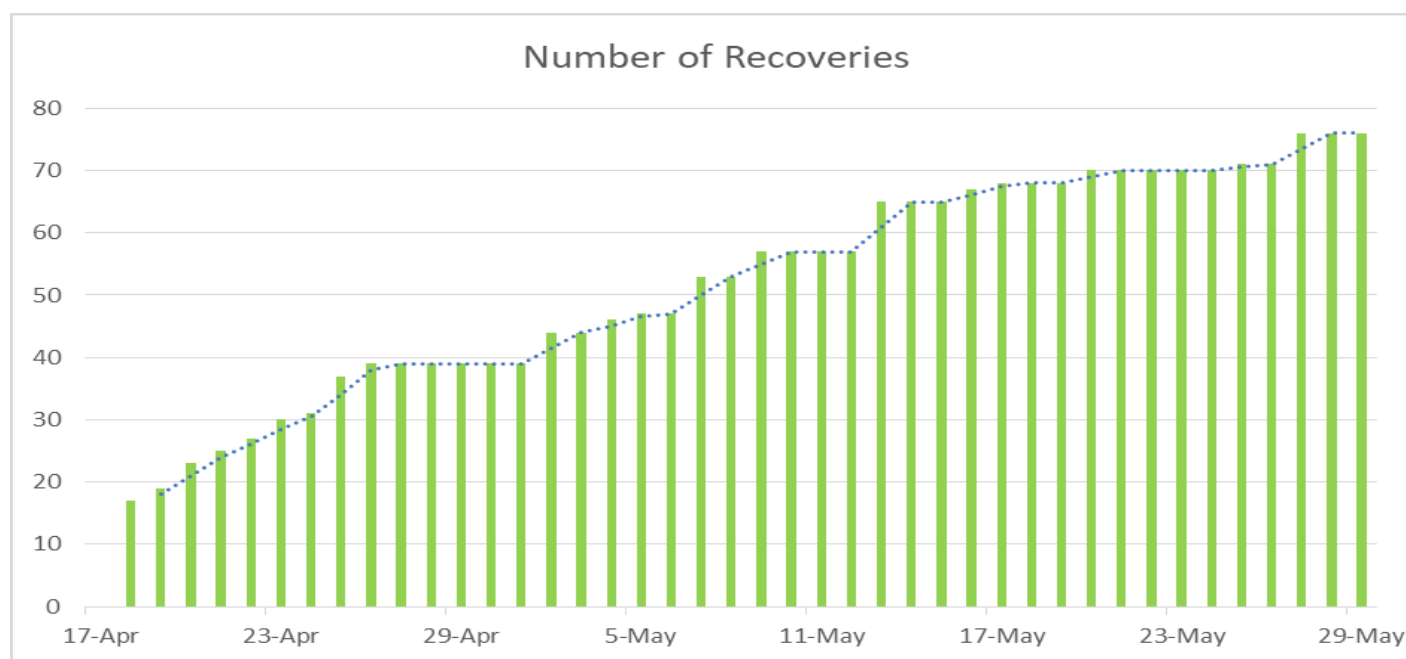
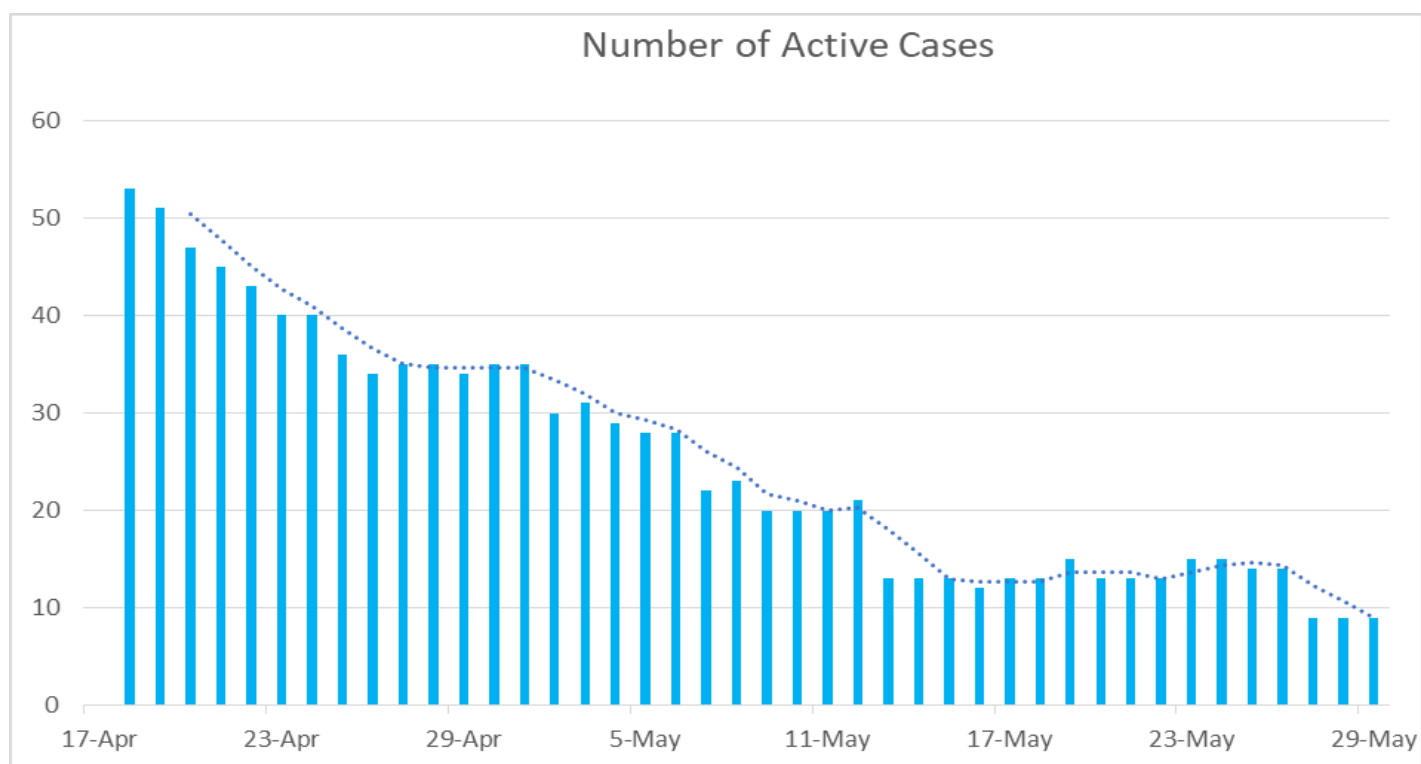


CHART 5C: NUMBER OF ACTIVE CASES - BARBADOS

18 APRIL - 29 MAY 2020



Special Topic Bulletin - COVID 19

CHART 5D: NUMBER OF TESTS CONDUCTED - BARBADOS

18 APRIL - 29 MAY 2020

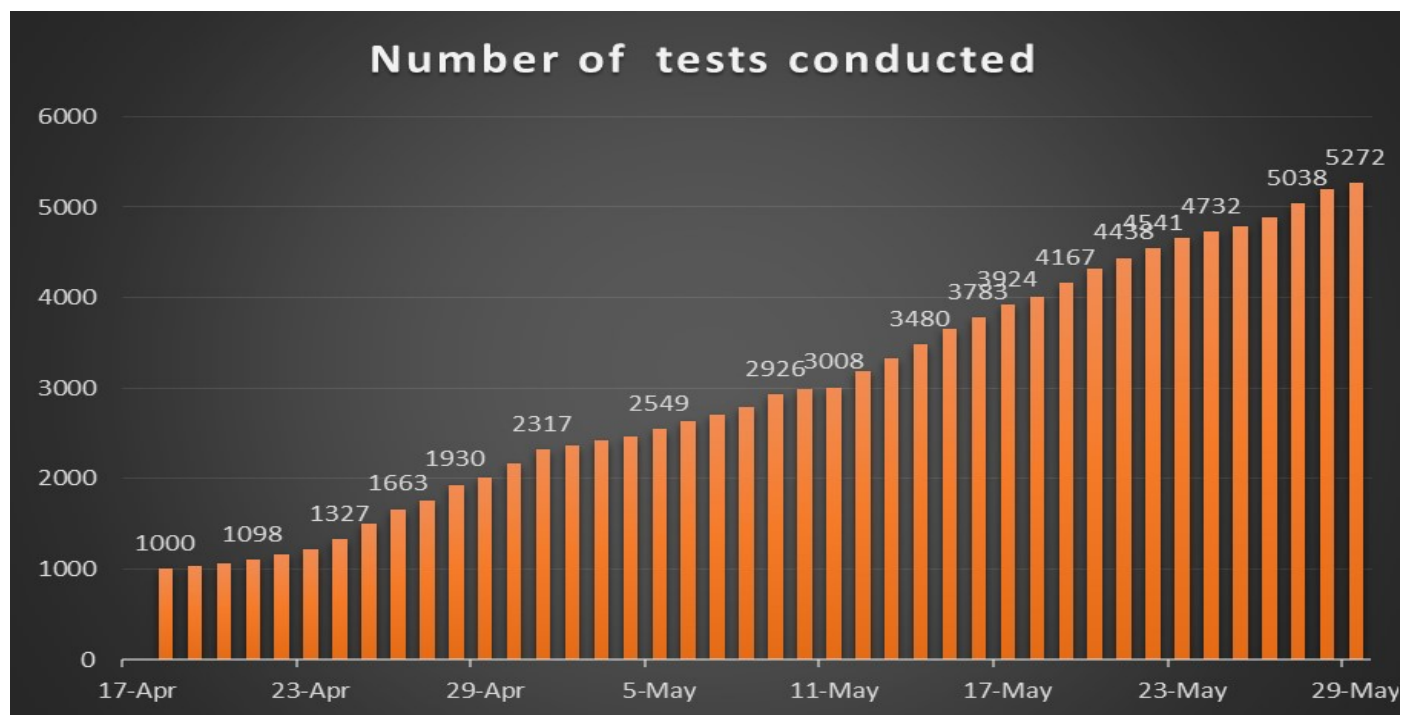
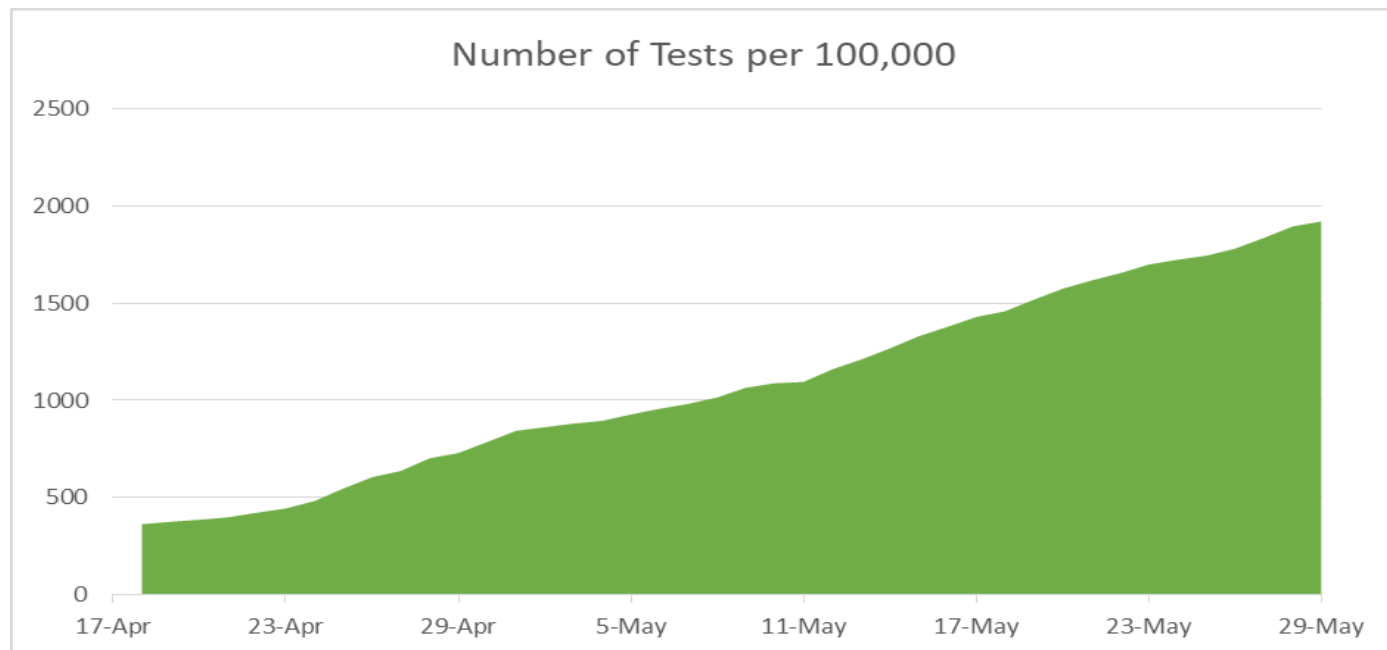


CHART 5E: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - BARBADOS

18 APRIL - 29 MAY 2020



Special Topic Bulletin - COVID 19

CHART 5F: NUMBER OF RECOVERIES - JAMAICA
18 APRIL– 29 MAY 2020

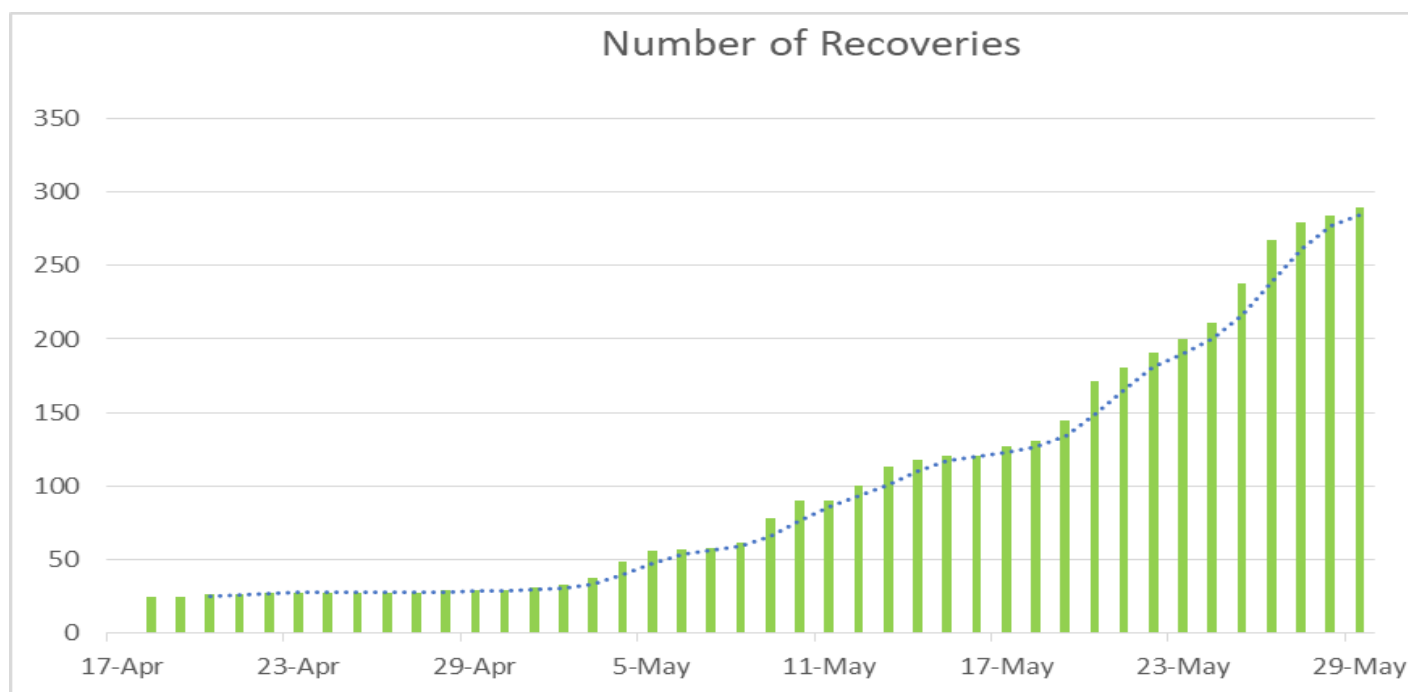
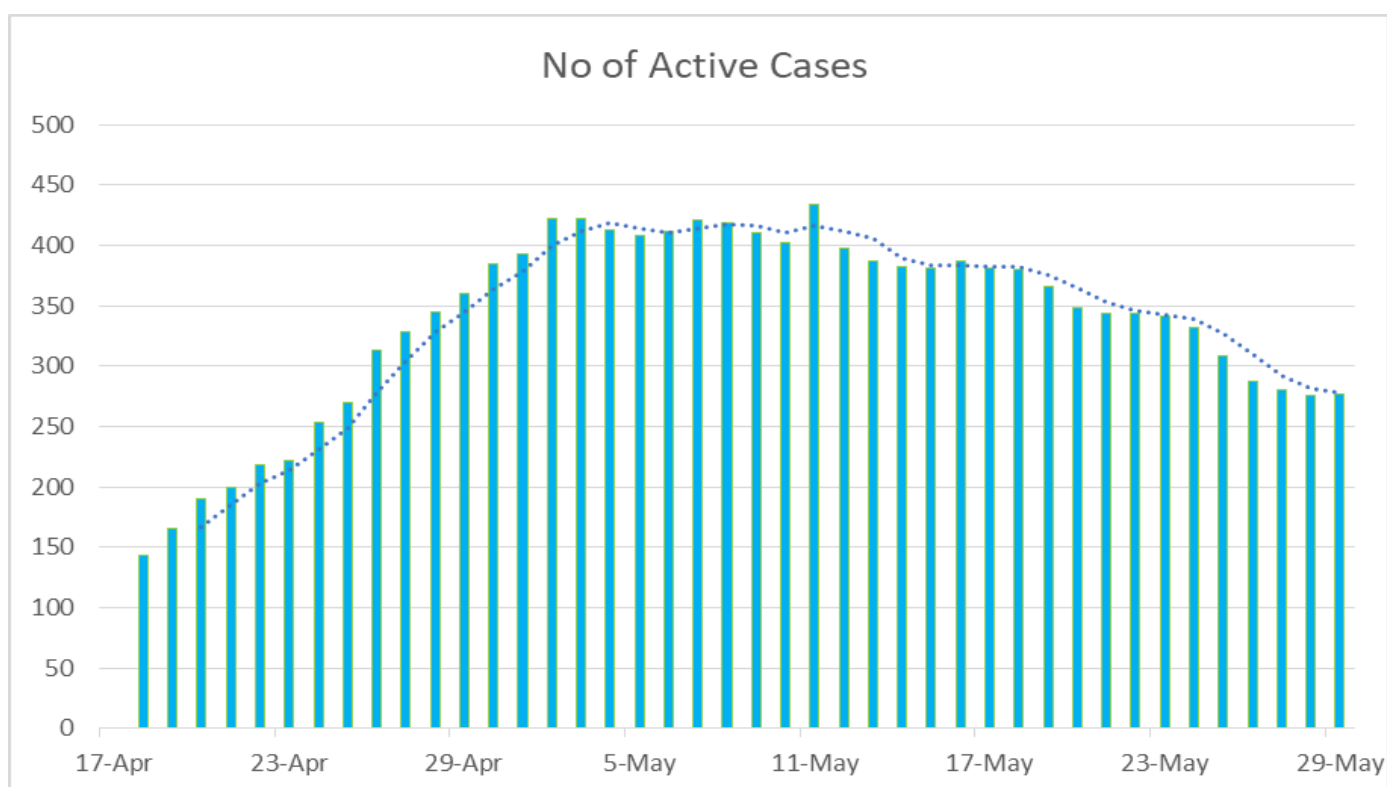


CHART 5G: NUMBER OF ACTIVE CASES - JAMAICA
18 APRIL - 29 MAY 2020



Special Topic Bulletin - COVID 19

CHART 5H: NUMBER OF TESTS CONDUCTED - JAMAICA
18 APRIL - 29 MAY 2020

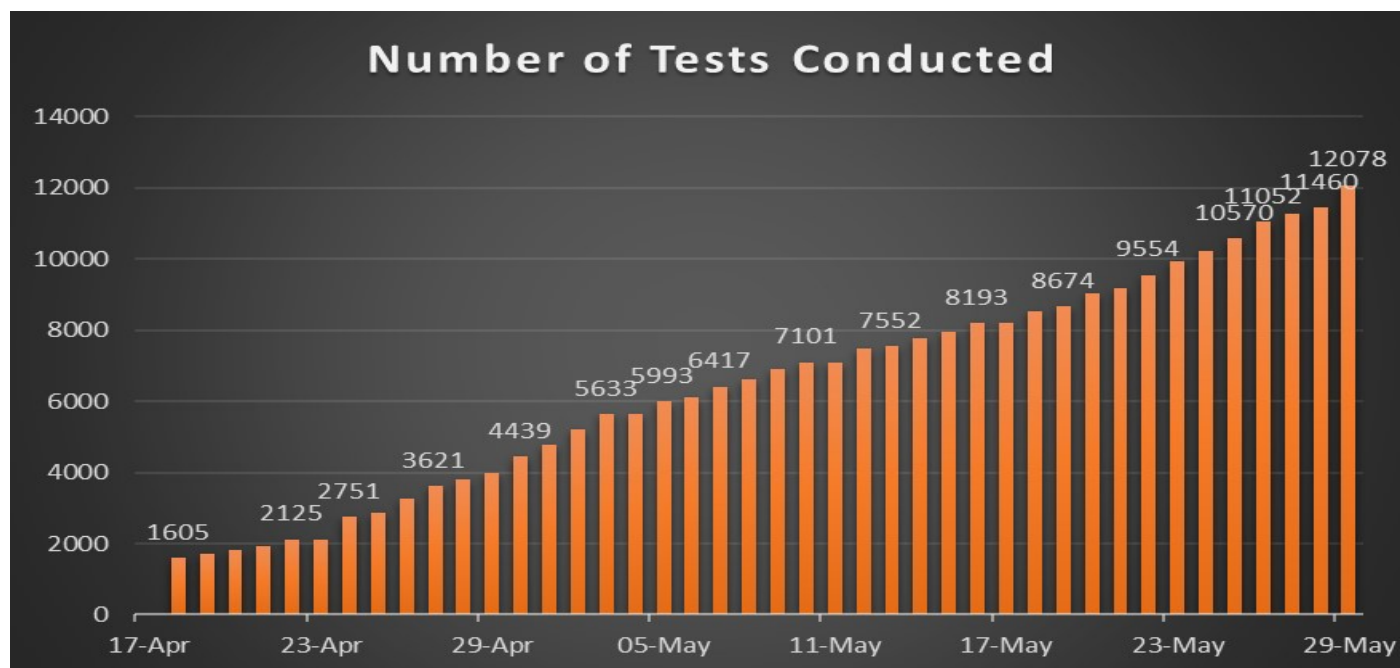
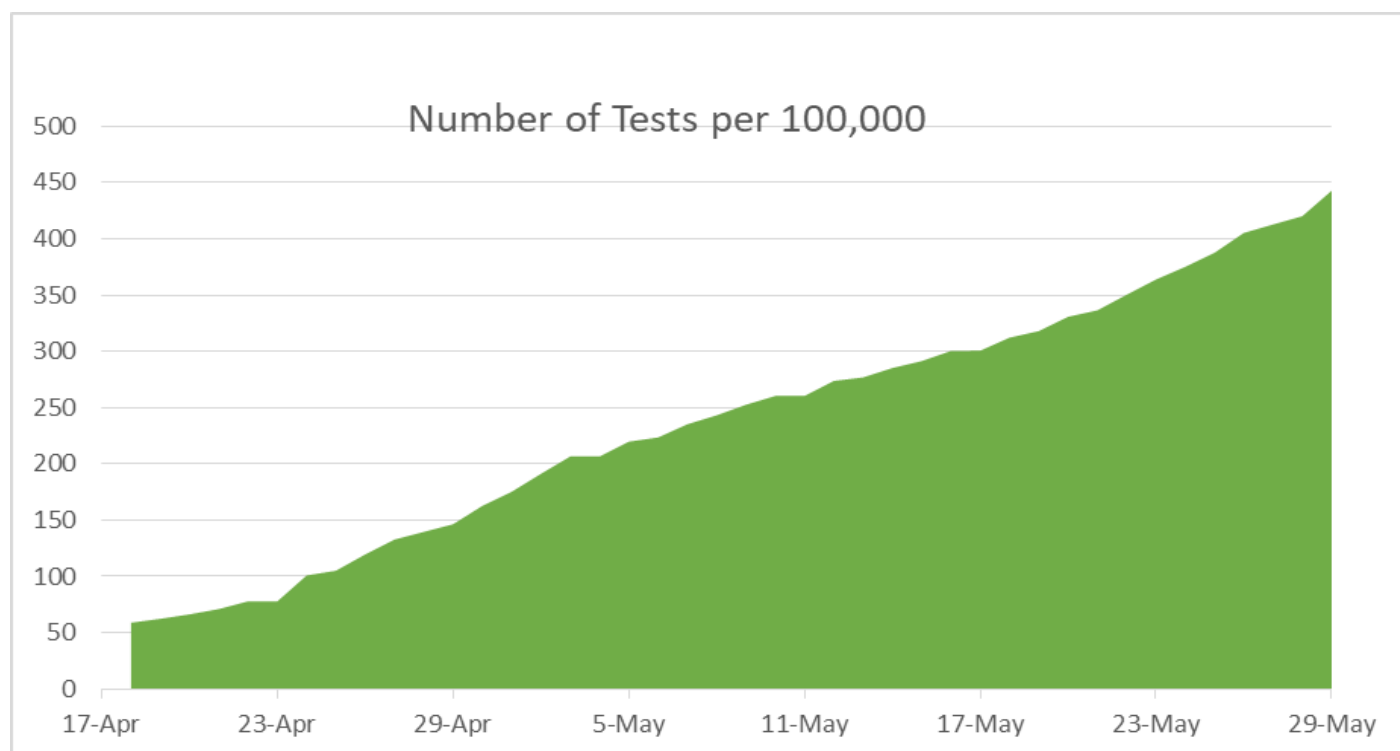


CHART 5I: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - JAMAICA
18 APRIL - 29 MAY 2020



Special Topic Bulletin - COVID 19

CHART 5J: NUMBER OF RECOVERIES - TRINIDAD AND TOBAGO
18 APRIL - 29 MAY 2020

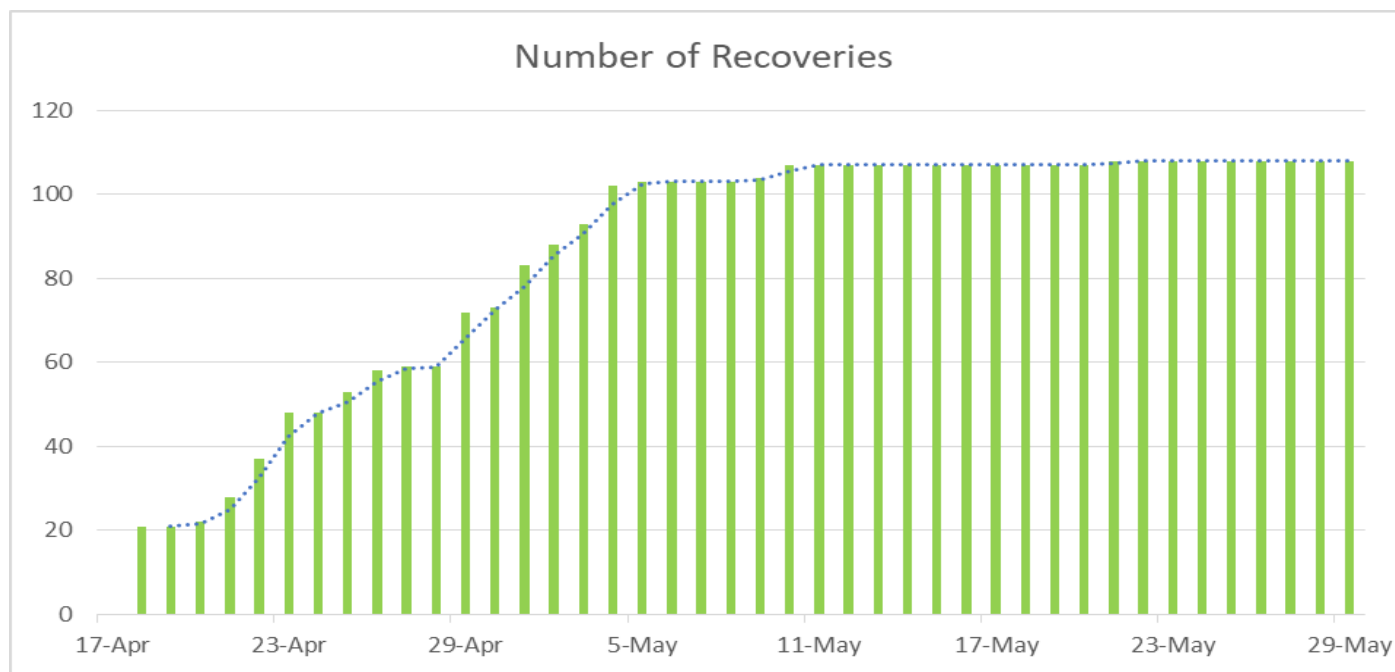
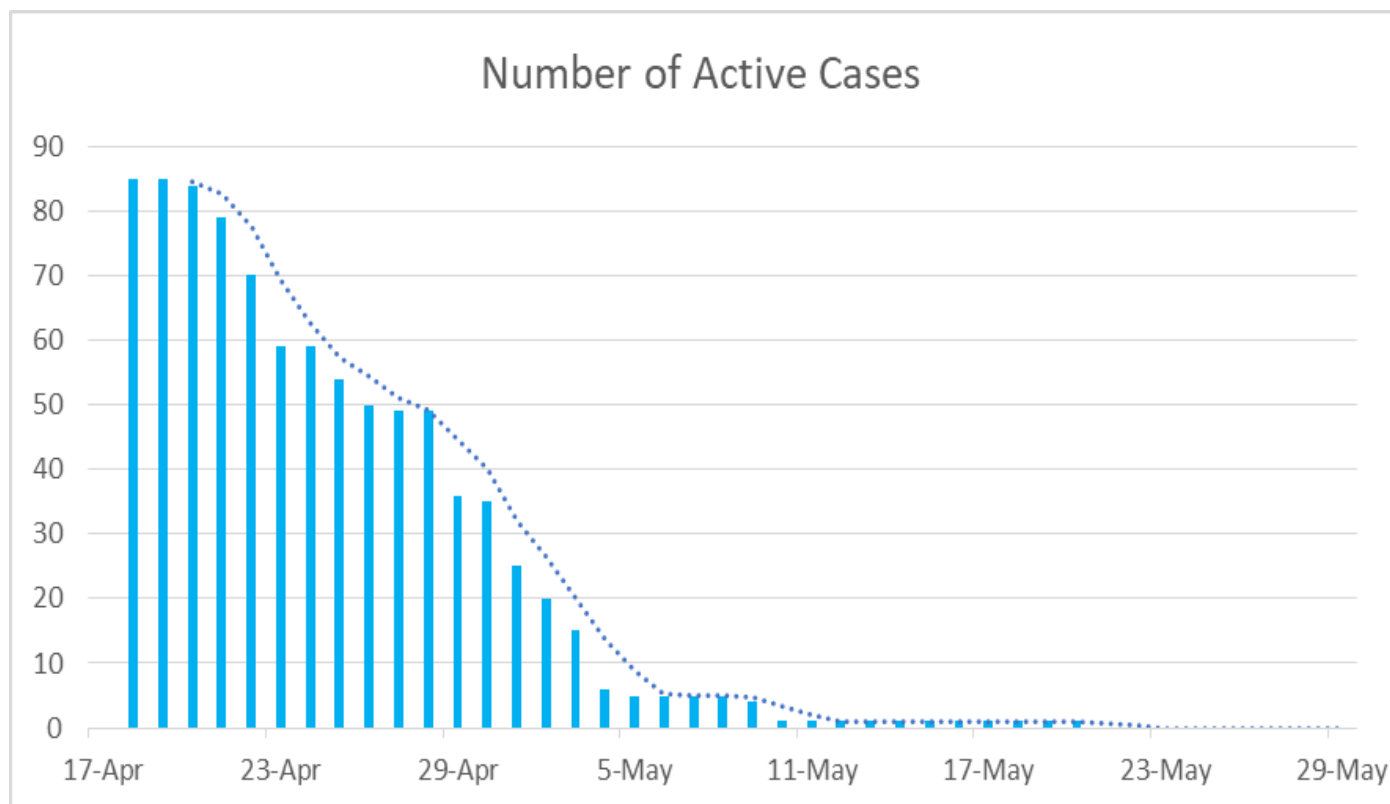
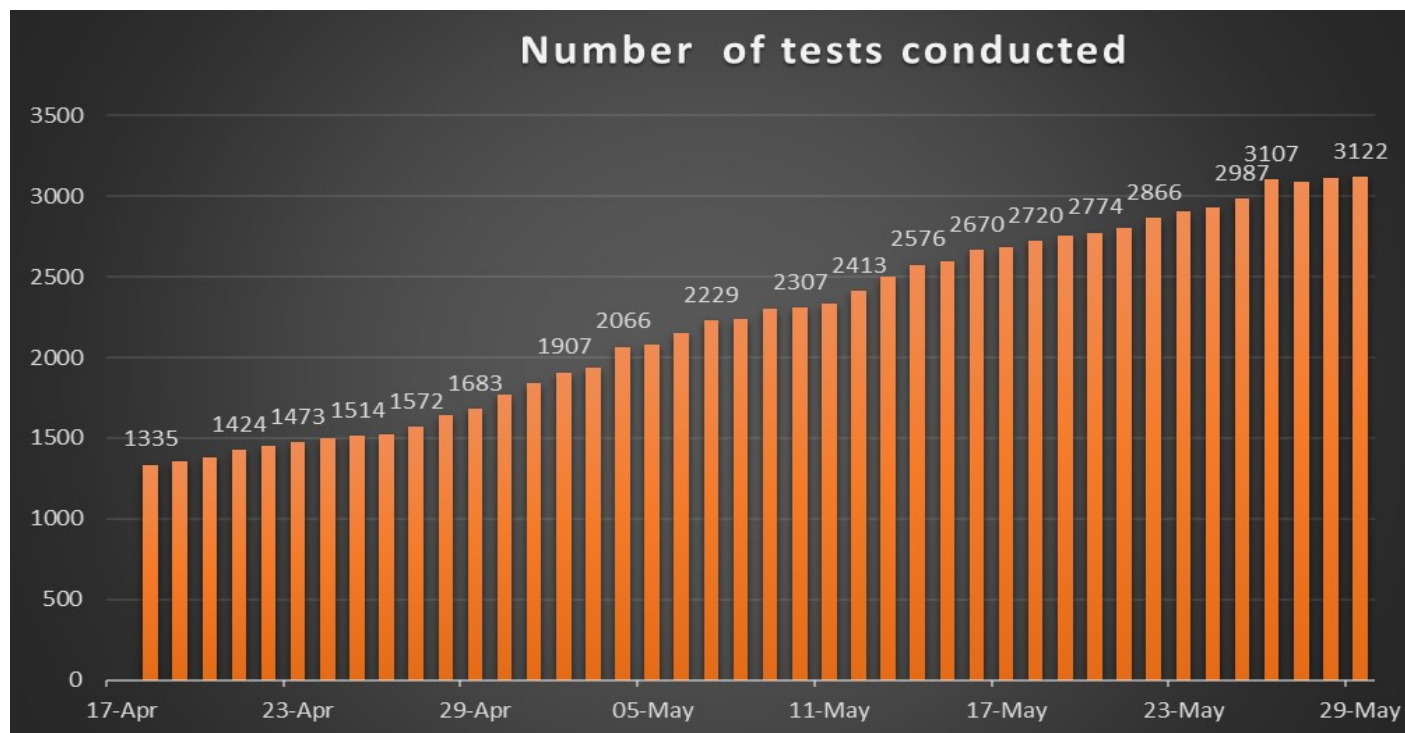


CHART 5K: NUMBER OF ACTIVE CASES- TRINIDAD AND TOBAGO
18 APRIL - 29 MAY 2020

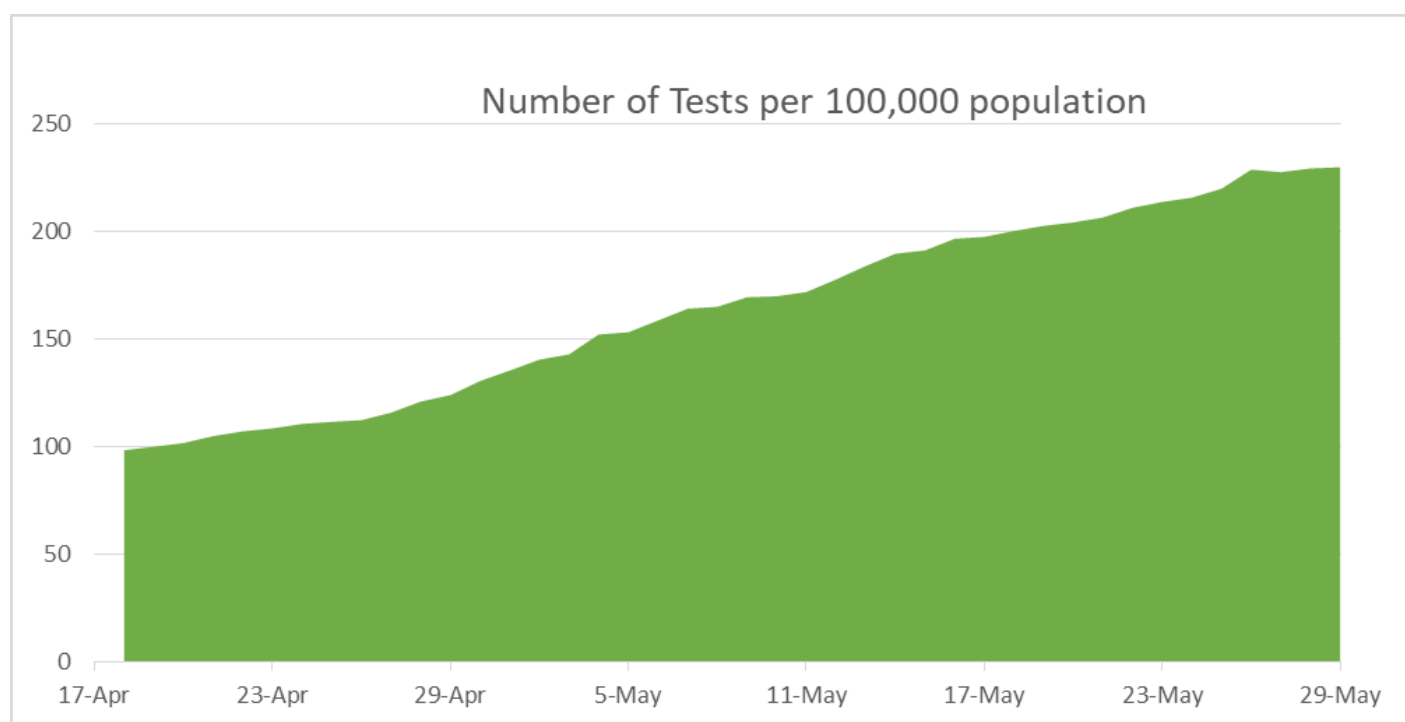


Special Topic Bulletin - COVID 19

**CHART 5L: NUMBER OF TESTS CONDUCTED - TRINIDAD AND TOBAGO
18 APRIL - 29 MAY 2020**



**CHART 5M: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - TRINIDAD
AND TOBAGO
18 APRIL - 29 MAY 2020**



Special Topic Bulletin - COVID 19

CHART 5N: NUMBER OF RECOVERIES - BERMUDA
18 APRIL - 29 MAY 2020

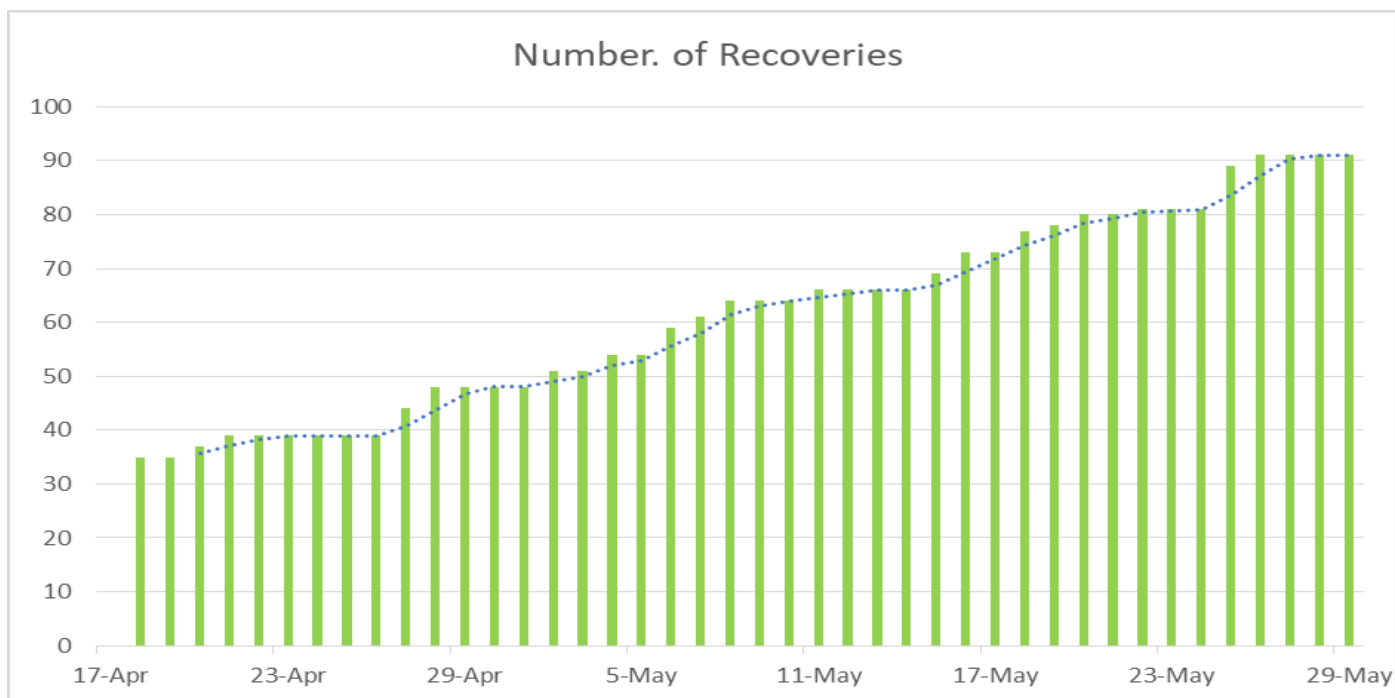
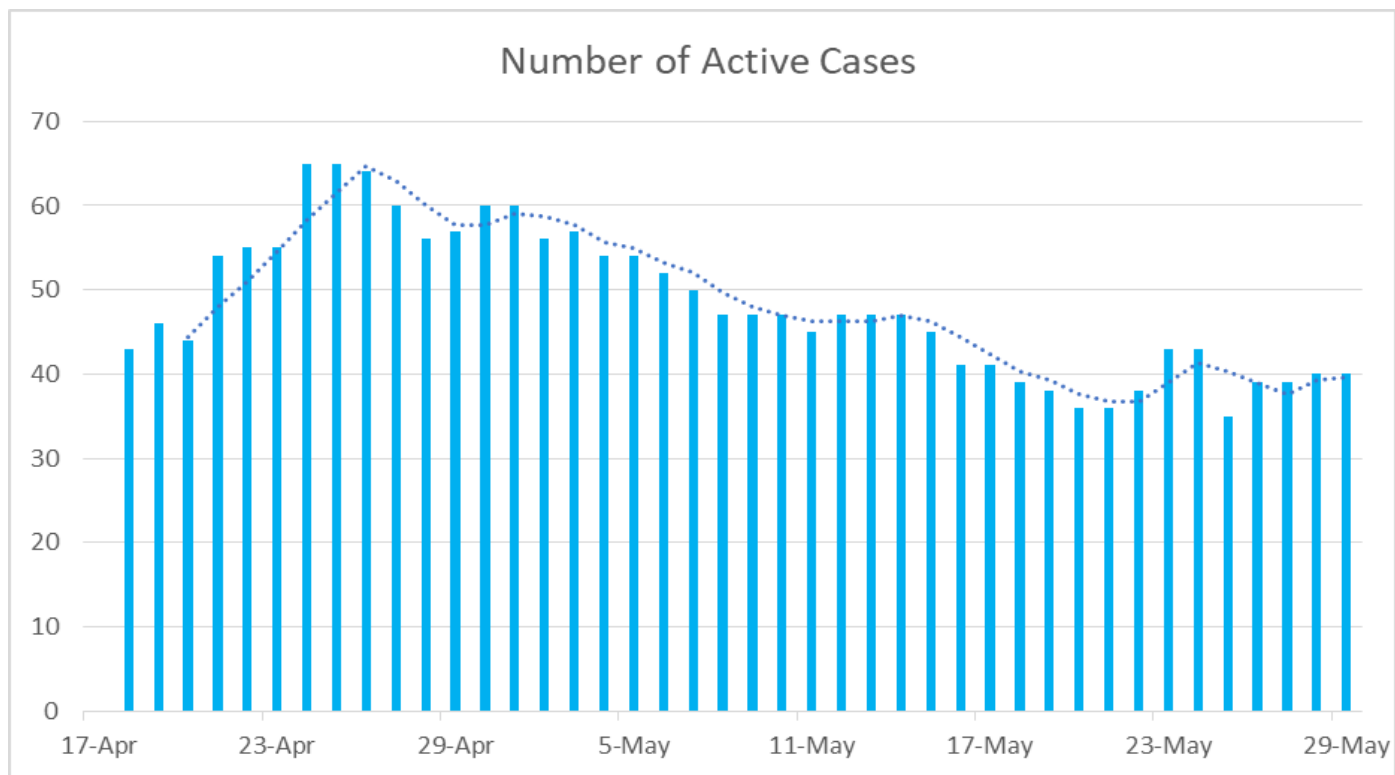


CHART 5O: NUMBER OF ACTIVE CASES - BERMUDA
18 APRIL - 29 MAY 2020



Special Topic Bulletin - COVID 19

CHART 5P: NUMBER OF TESTS CONDUCTED - BERMUDA
18 APRIL - 29 MAY 2020

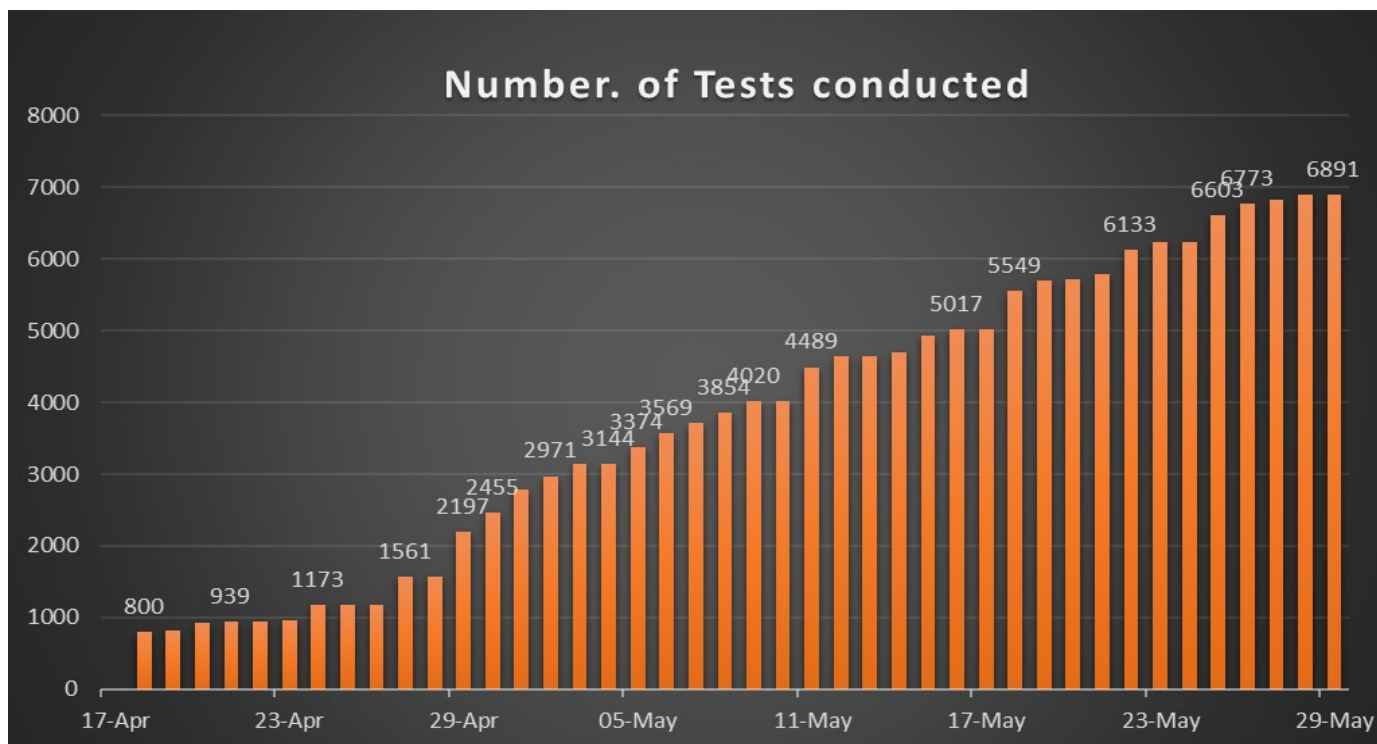
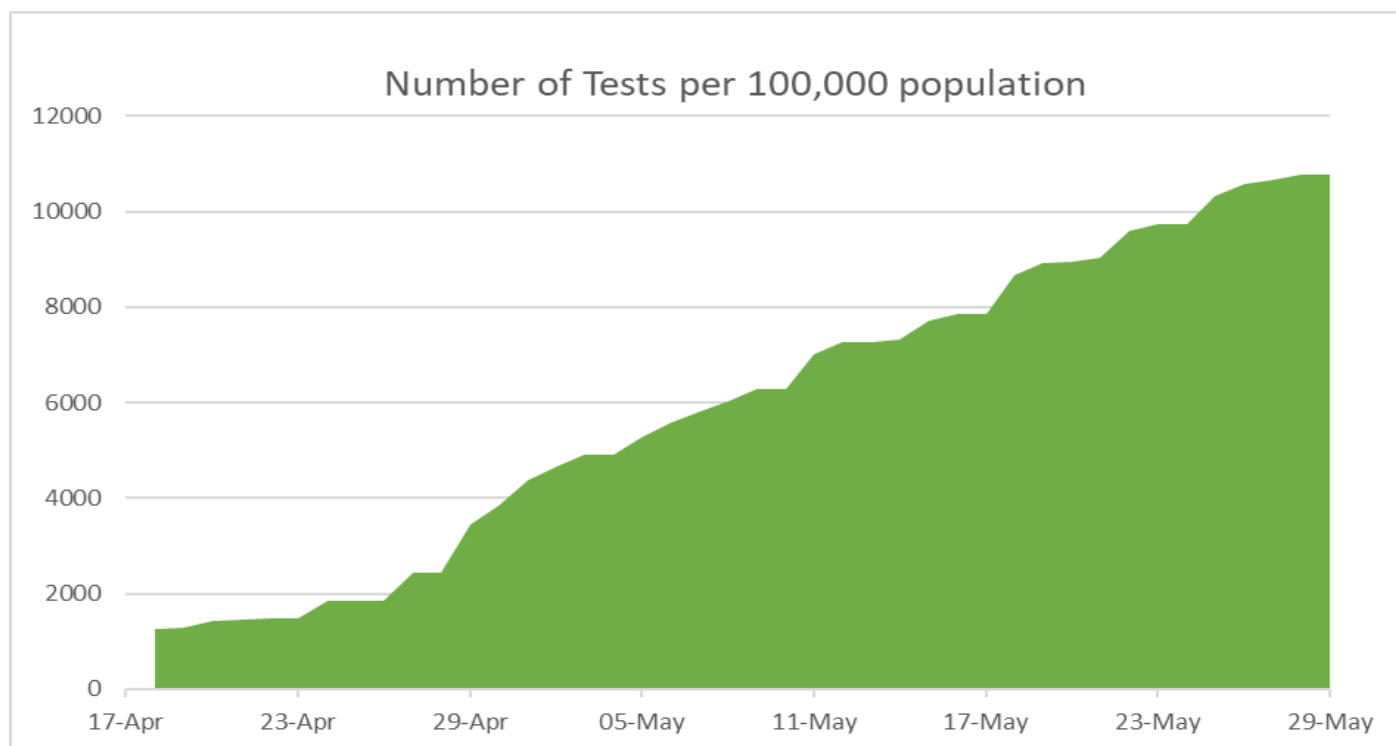






CHART 5Q: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - BERMUDA
18 APRIL - 29 MAY 2020



Special Topic Bulletin - COVID 19

TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 29 MAY 2020

Country	Imported Transmission 	Local Transmission 	Community Transmission 	Under Investigation 
Trinidad and Tobago	84	24	1	7
Guyana	4	146	0	0
Bermuda	41	83	10	6
Jamaica	82	449	27	17
St. Vincent and the Grenadines	19	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 234 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 29 MAY 2020



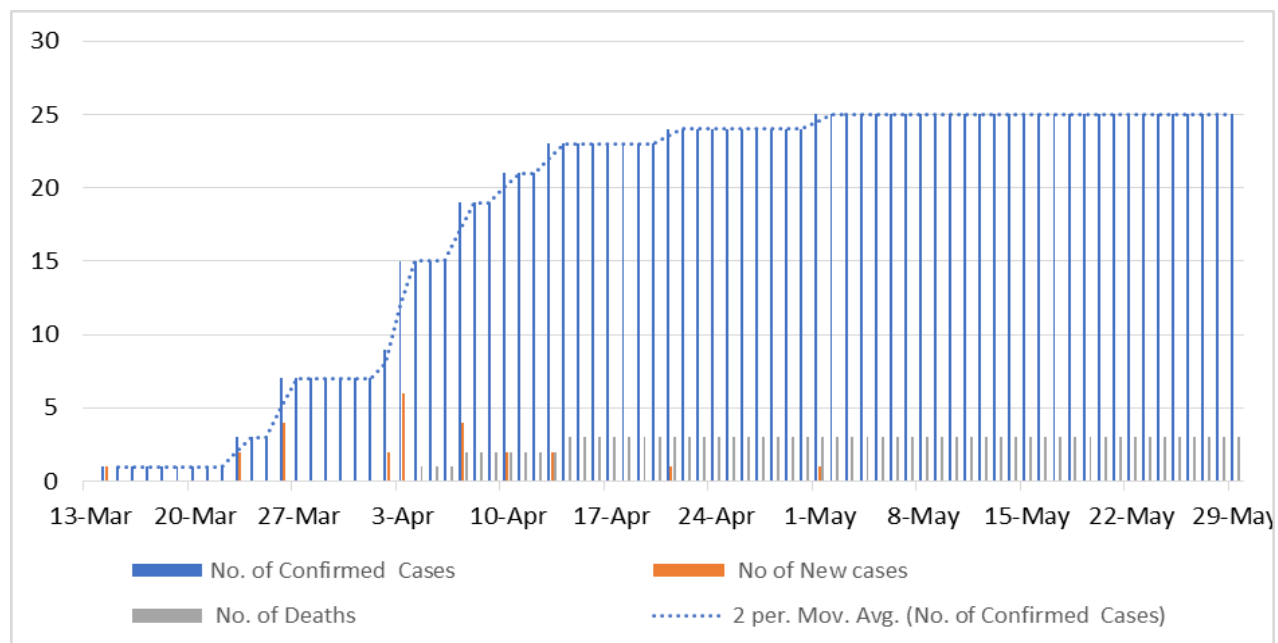
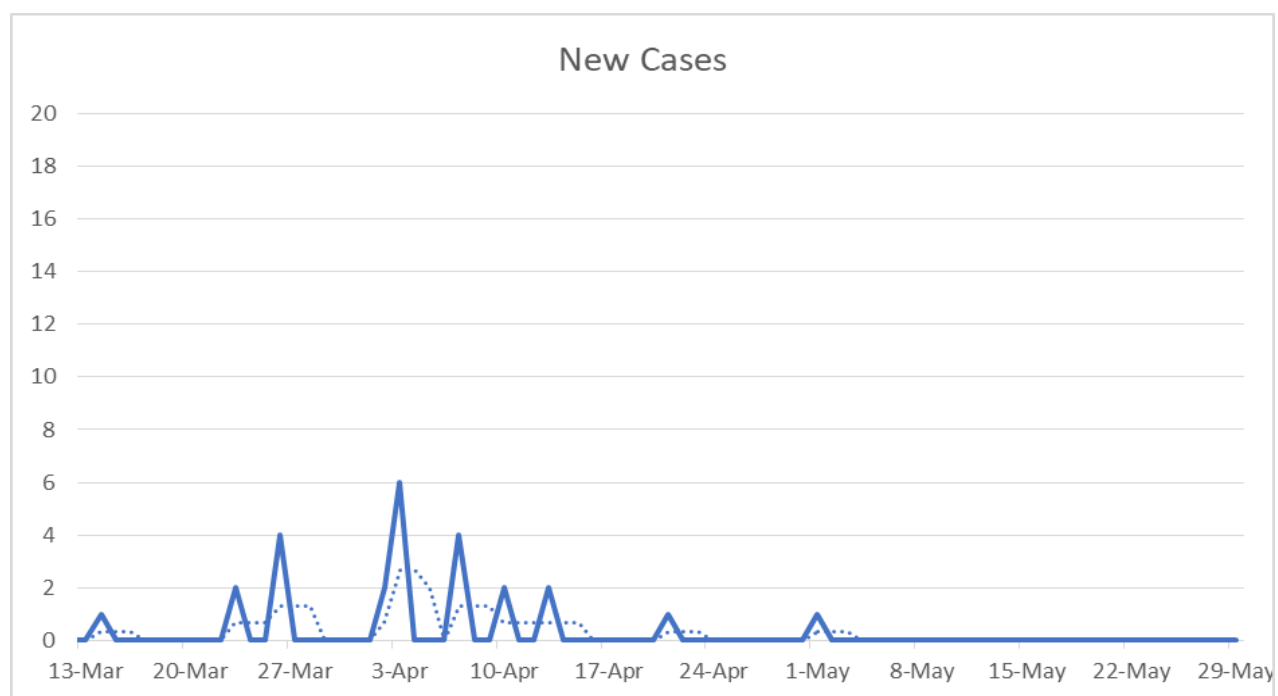
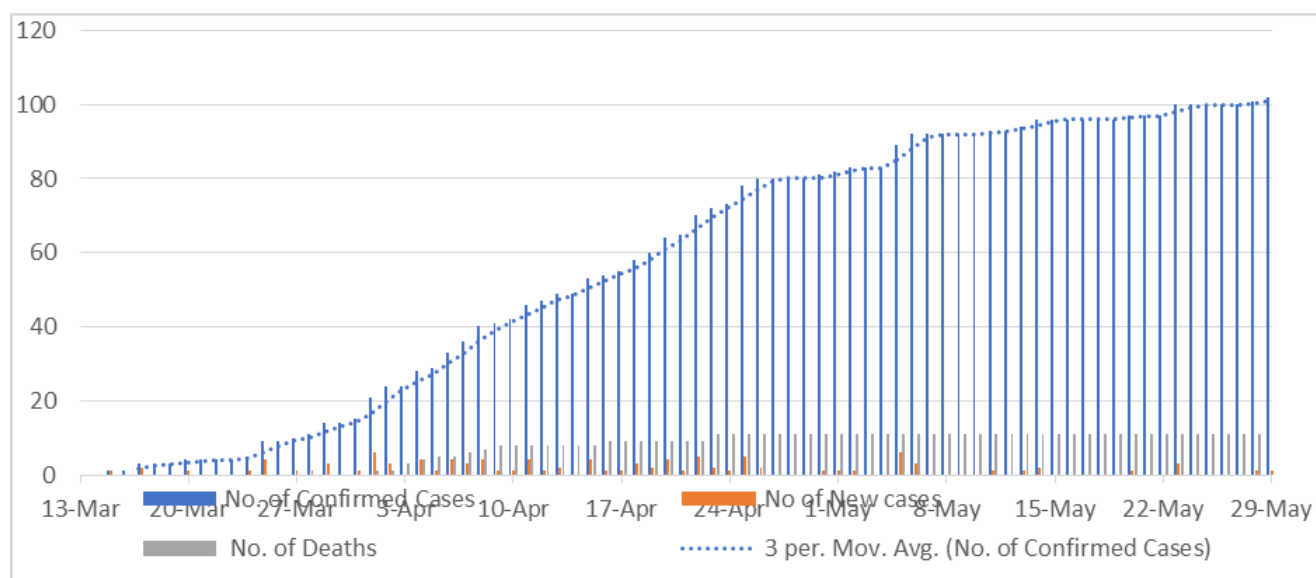
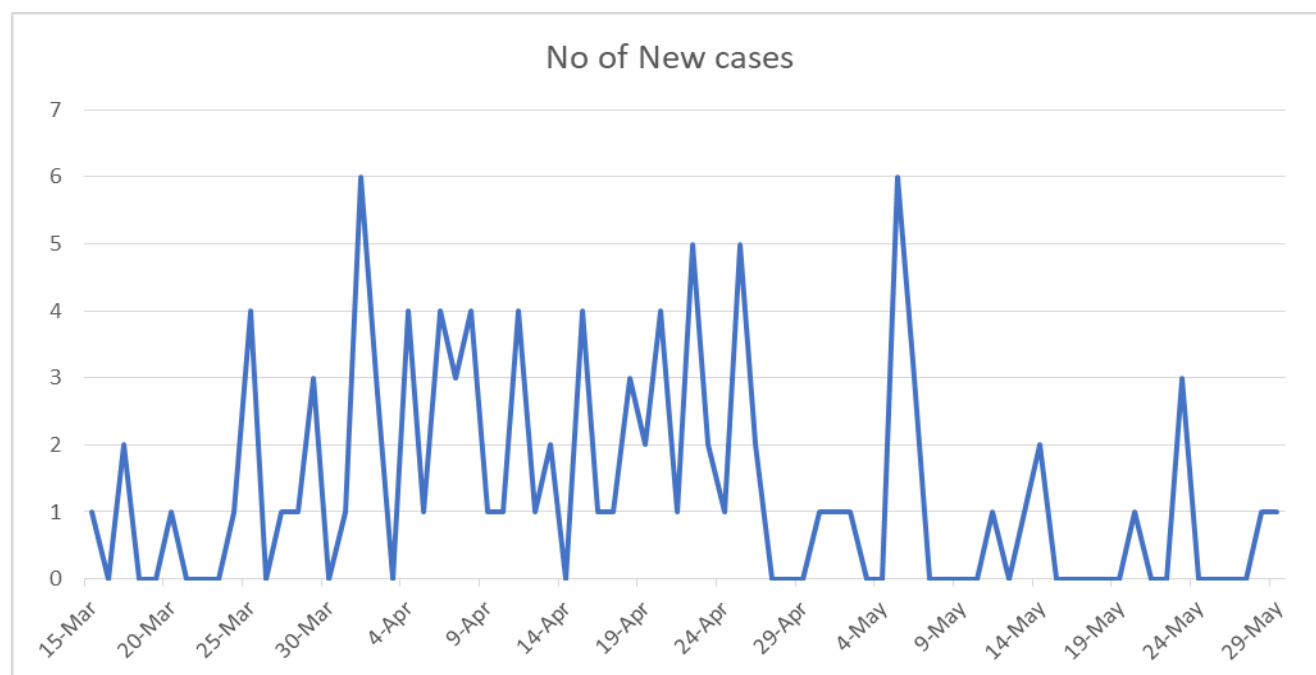
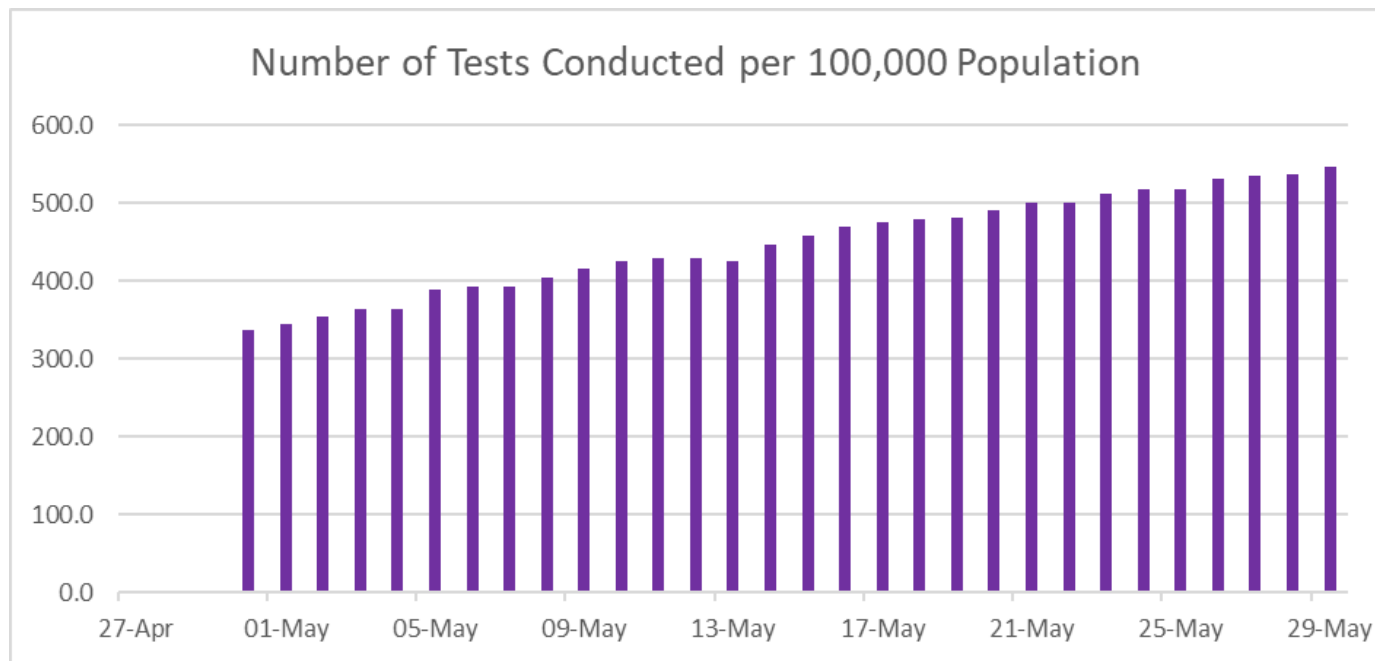
Country			Not Stated
Jamaica	241	334	
Barbados	43	49	
Trinidad and Tobago	46	63	7
Bermuda	60	80	
Haiti	885	558	
Belize	9	9	
Cayman Islands	79	62	

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

There were no new cases of COVID-19 in Antigua and Barbuda since 1 May, a period of **28** days.

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

There were **5** new cases during the week of **23-29 May** compared to **1** new case in The Bahamas the previous reporting period.

CHART 7B: THE BAHAMAS

Special Topic Bulletin - COVID 19

CHART 8: BARBADOS

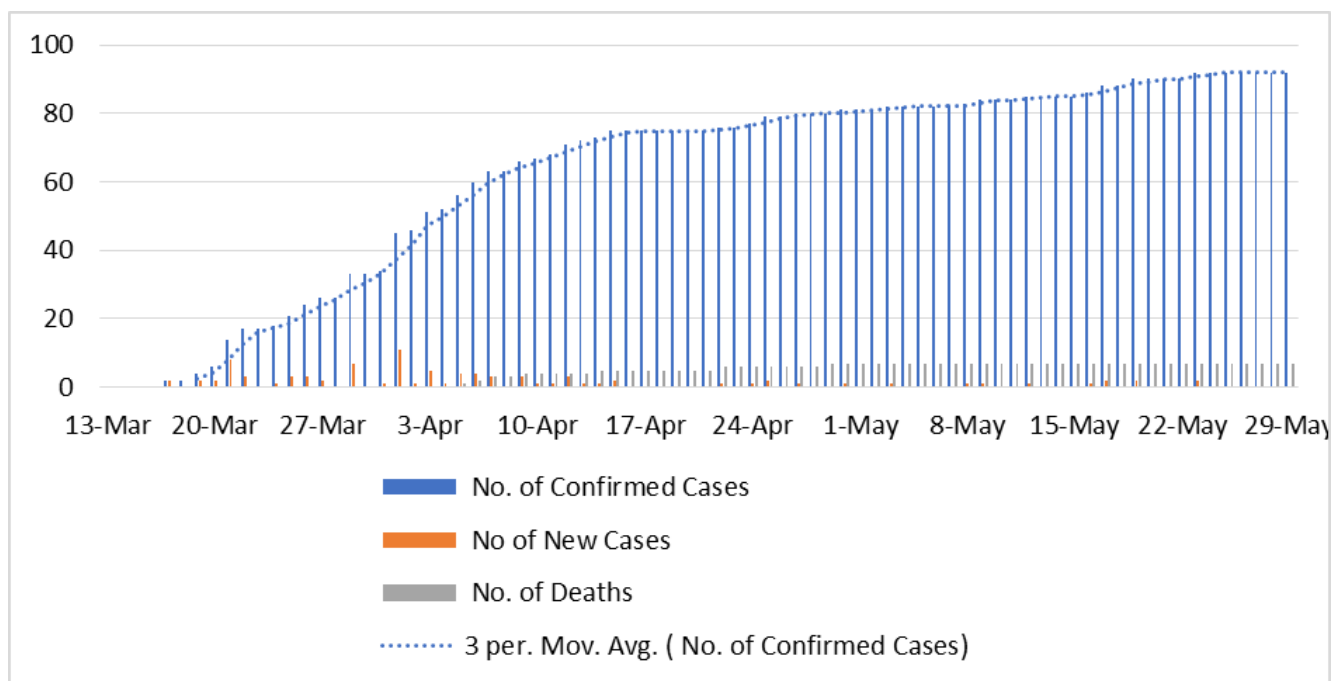
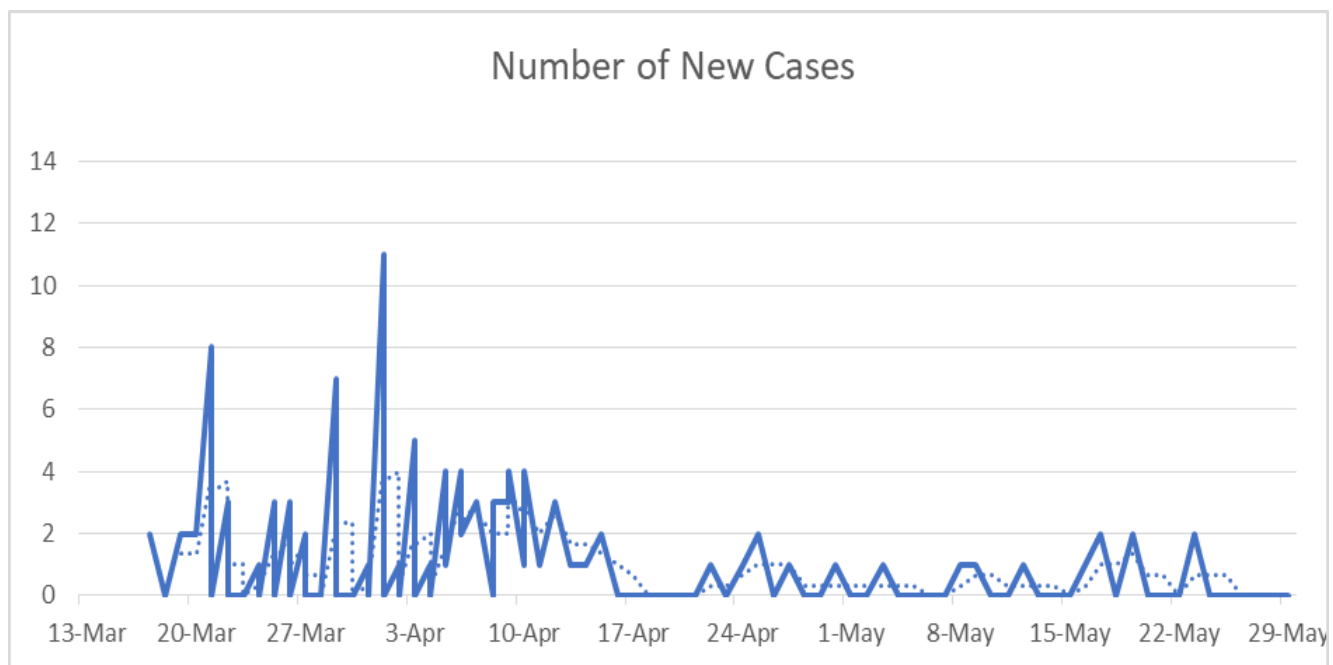


CHART 8A: BARBADOS



There were **2 new cases** for Barbados during the week **23-29 May** as compared to **5 new cases** for the previous reporting week, 16-22 May.

Special Topic Bulletin - COVID 19

CHART 9: BELIZE

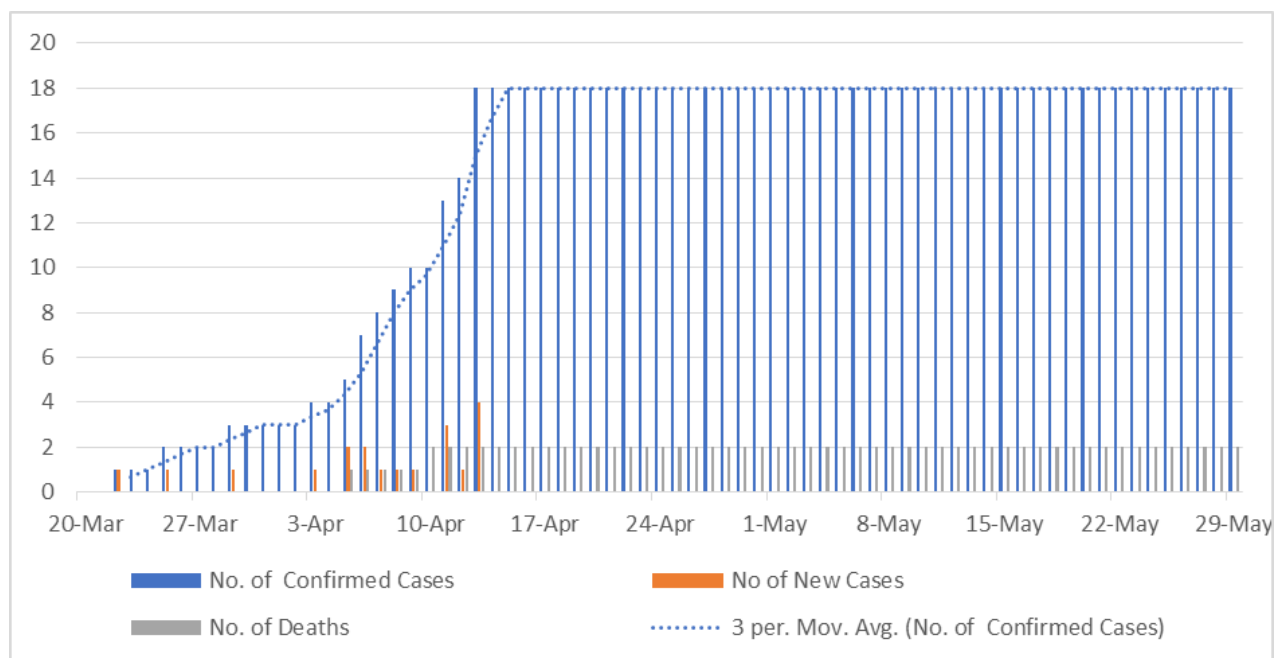
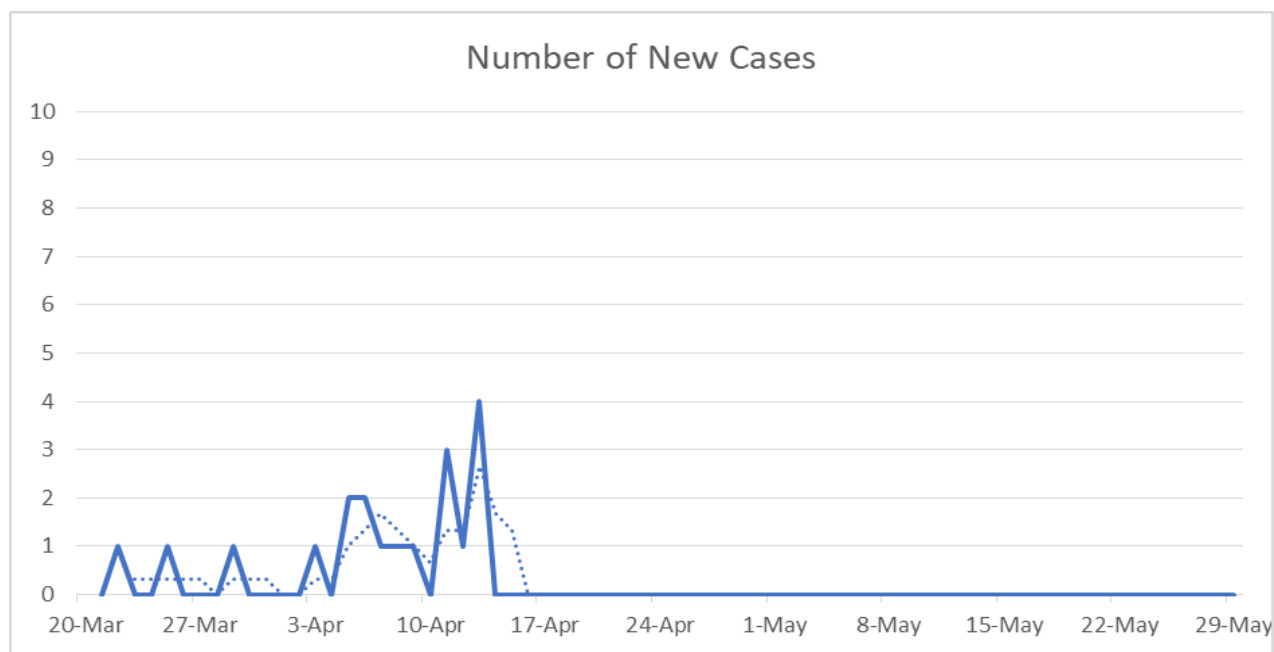


CHART 9A: BELIZE



There were **no new cases** of COVID-19 in Belize since **13 April**, a period of **46 days** as at **29 May**.

Special Topic Bulletin - COVID 19

CHART 10: DOMINICA

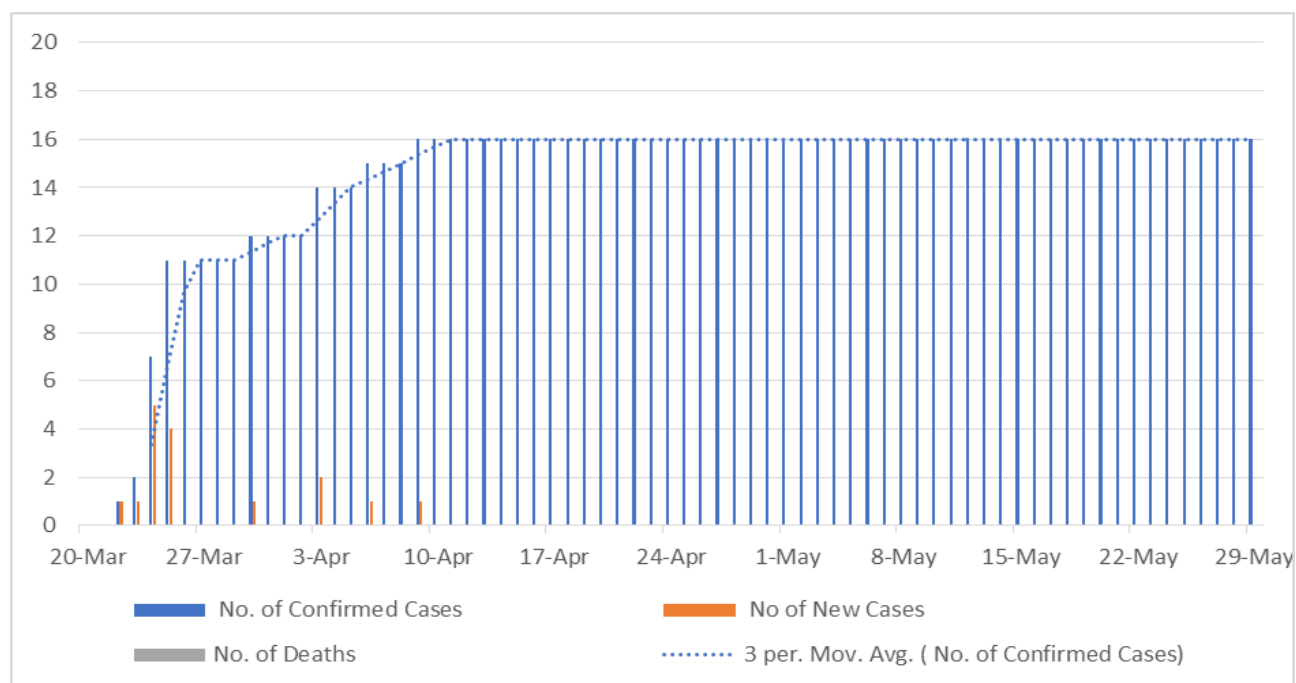
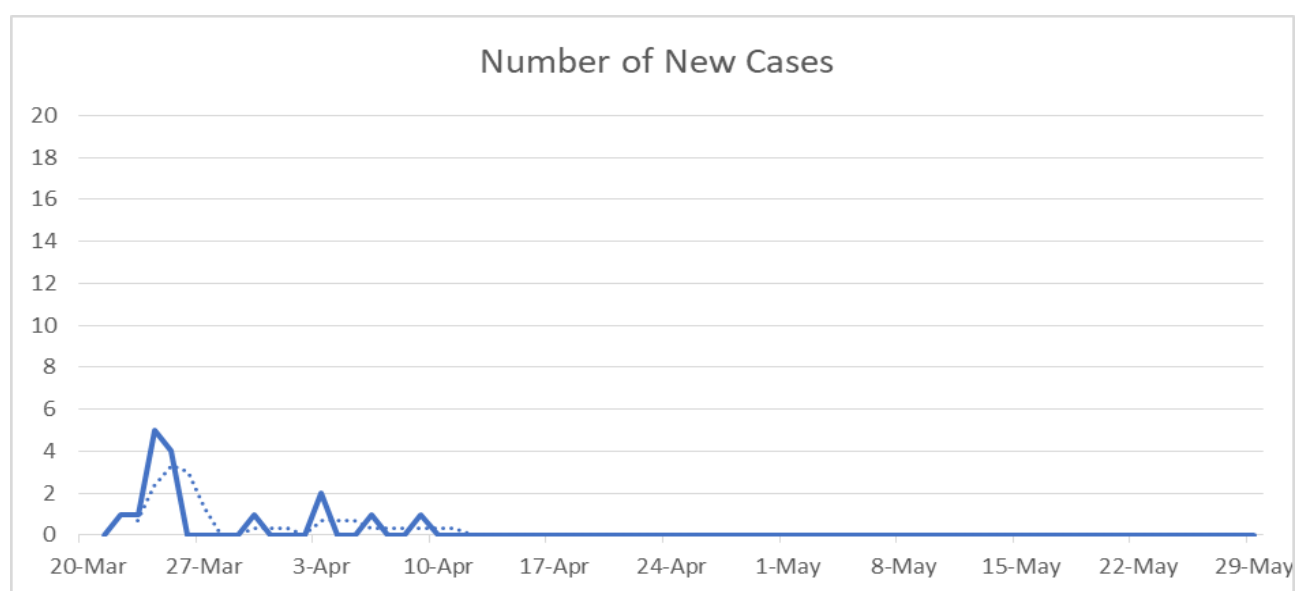


CHART 10A: DOMINICA



There were **no new cases** in **Dominica** since **10 April**, a period of **49 days** as at **29 May**.

Special Topic Bulletin - COVID 19

CHART 11: GRENADA

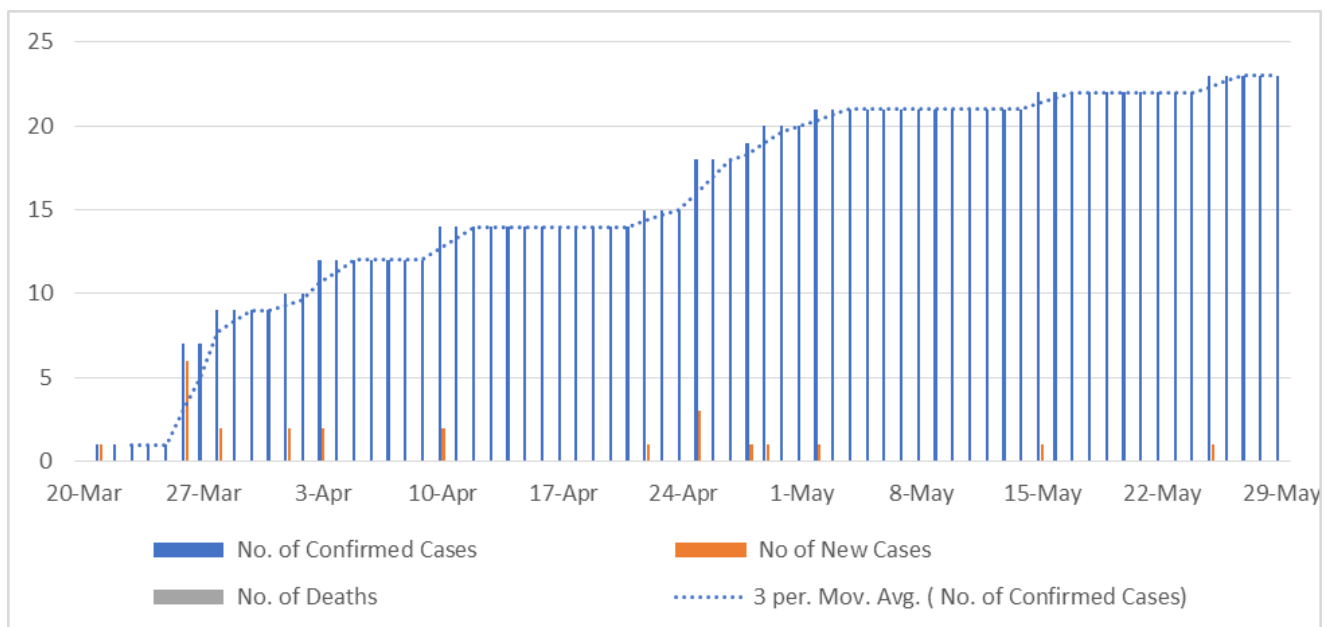
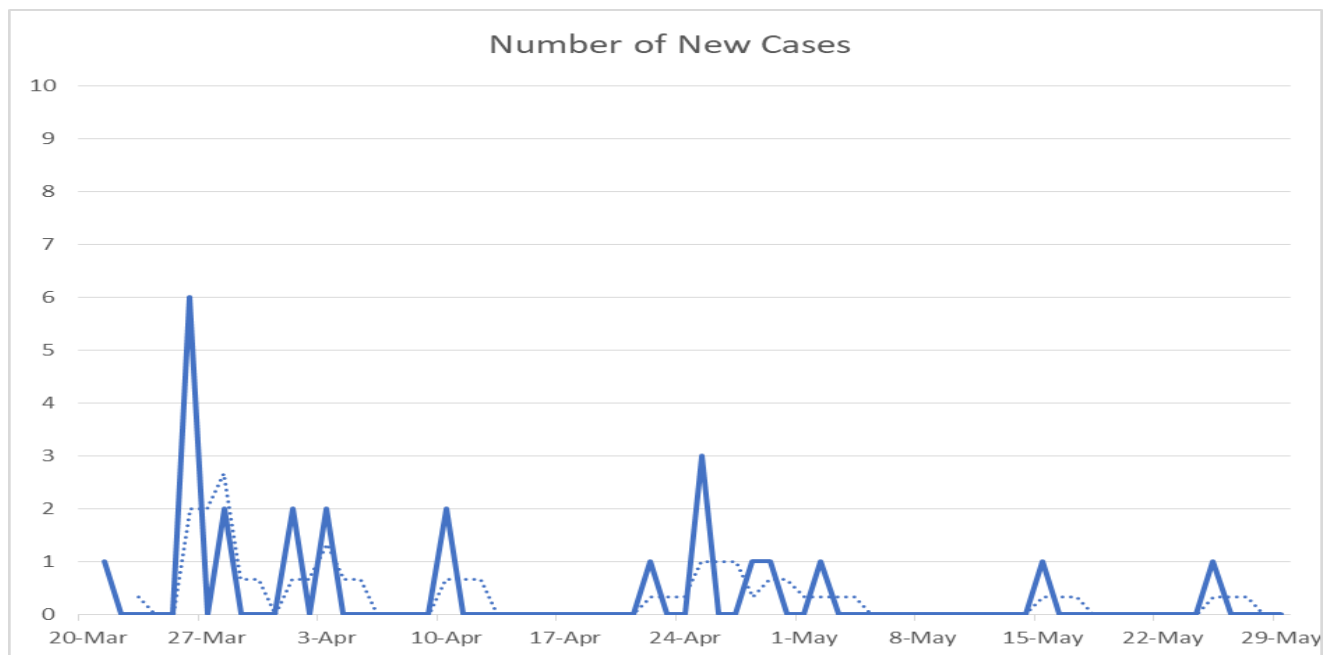


CHART 11A: GRENADA



There was **1 new case** in Grenada from **23-29 May**.

CHART 12: GUYANA

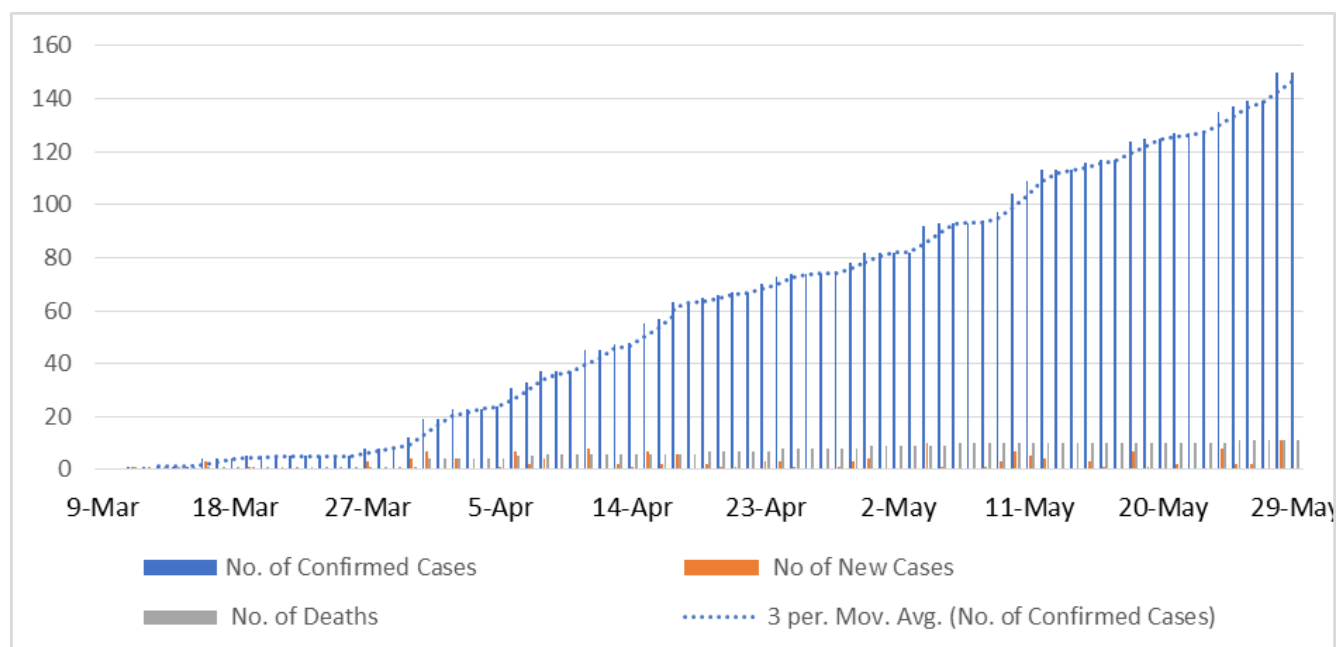
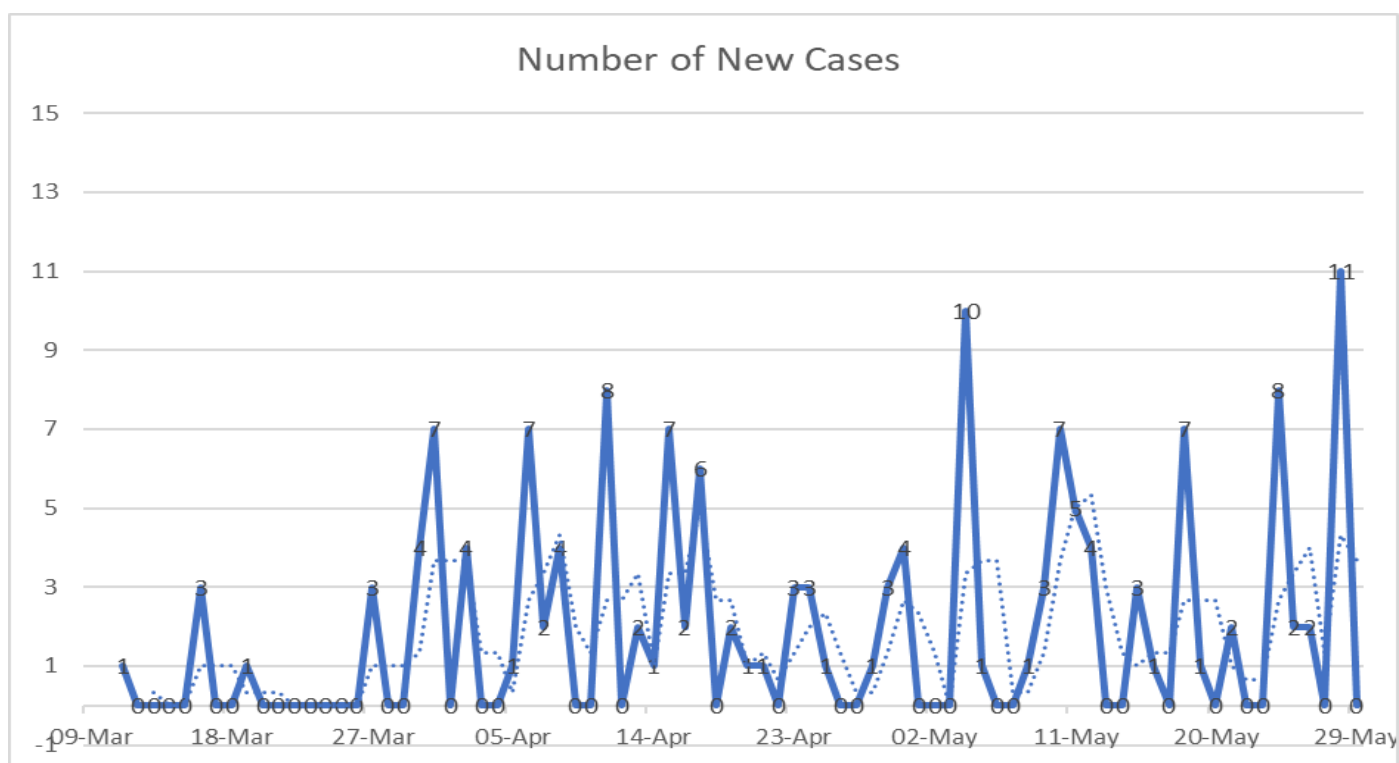
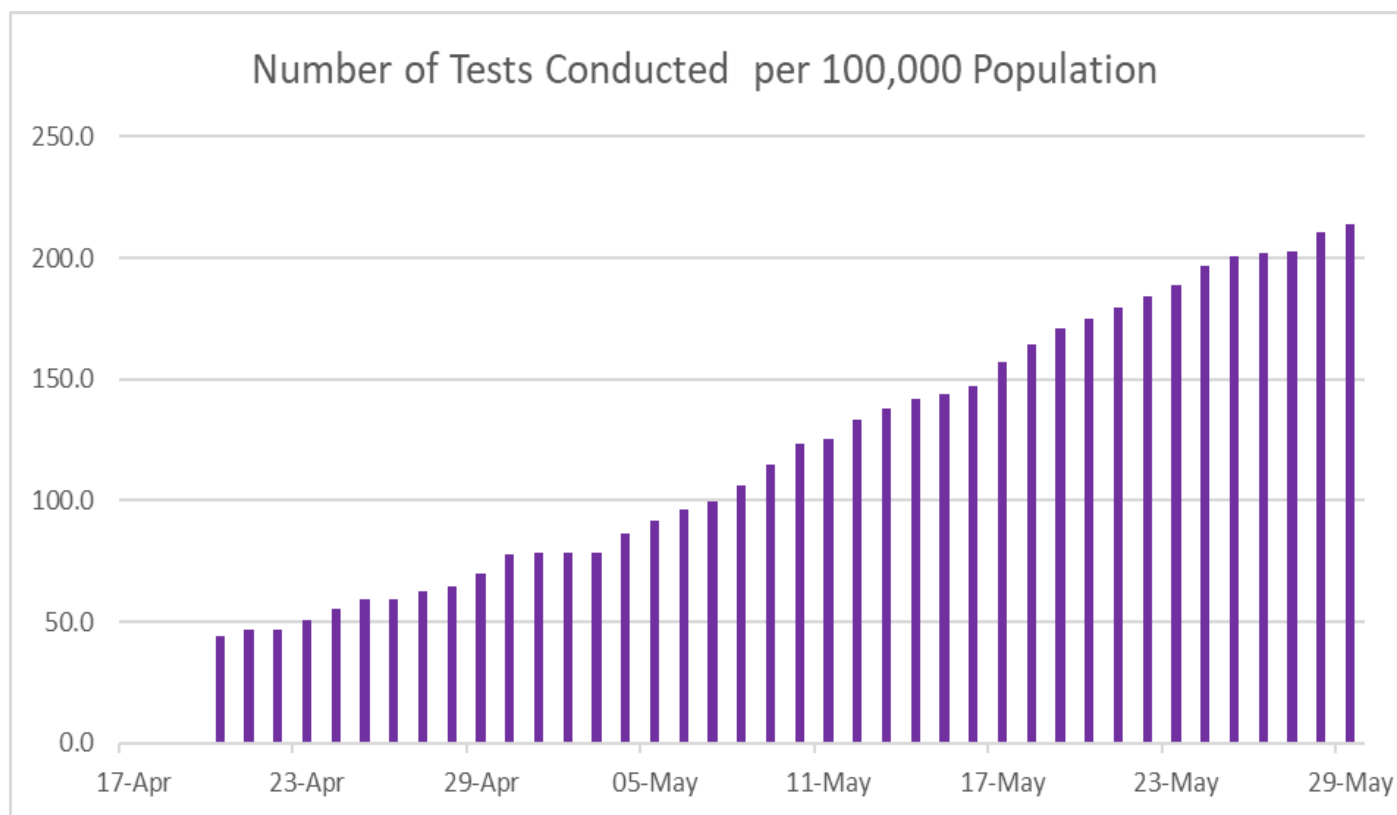


CHART 12A: GUYANA



There were **23** new cases during **23-29 May** as compared to **16-22 May** when there were **11** new cases in Guyana. From **1-15 May** there were **34** new cases, with **22** cases during **9-15 May**.

CHART 12B: GUYANA

Special Topic Bulletin - COVID 19

CHART 13: HAITI

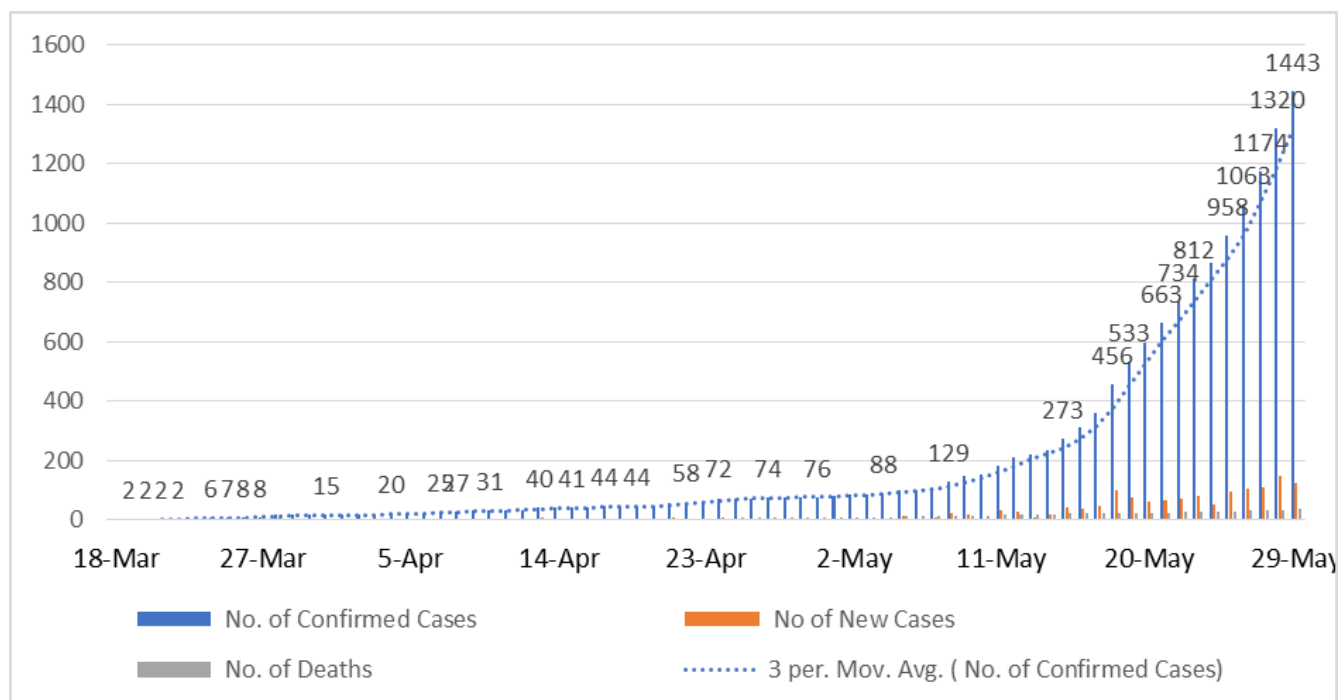
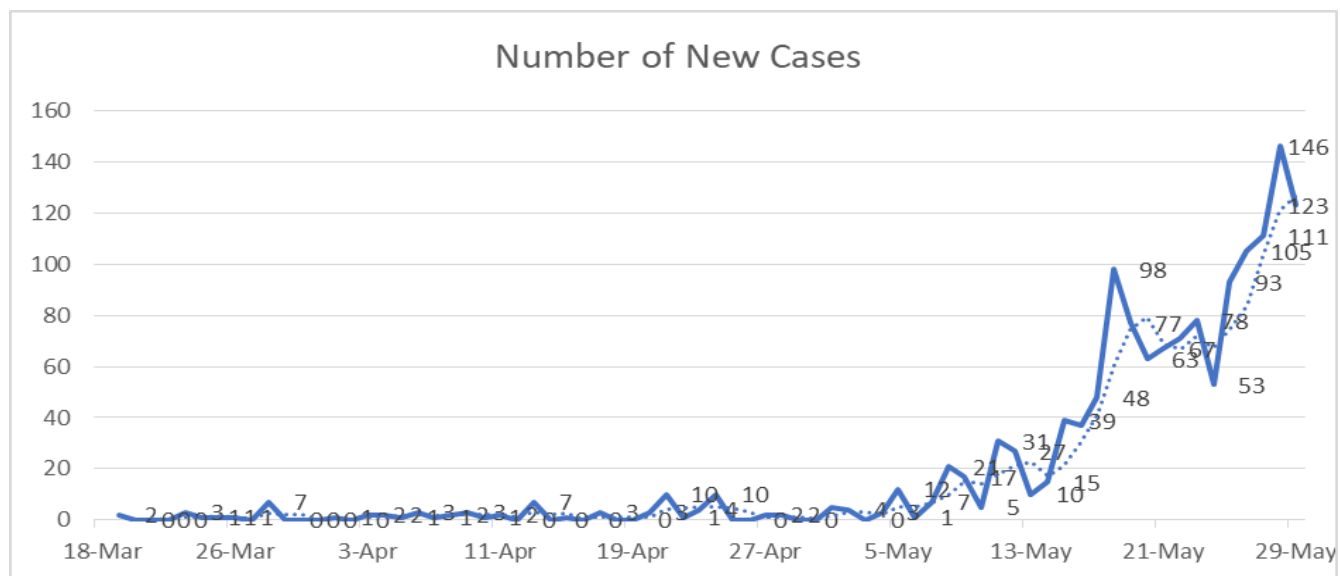
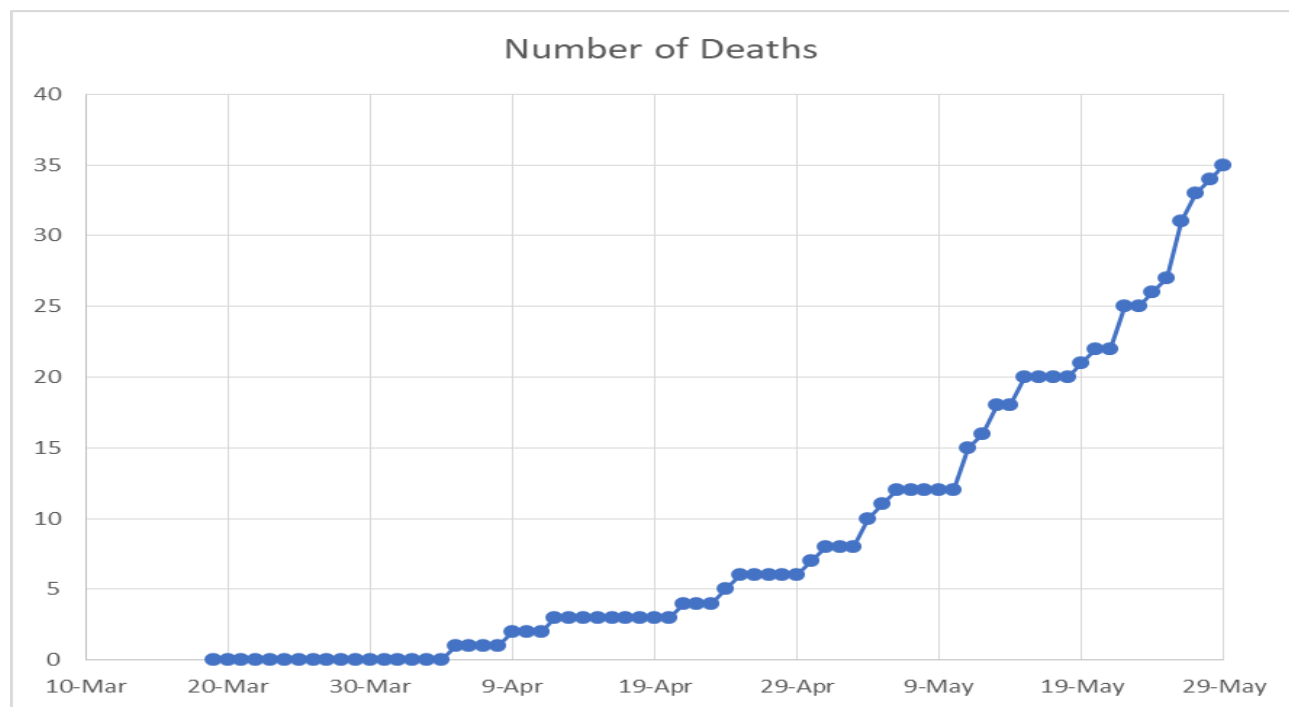
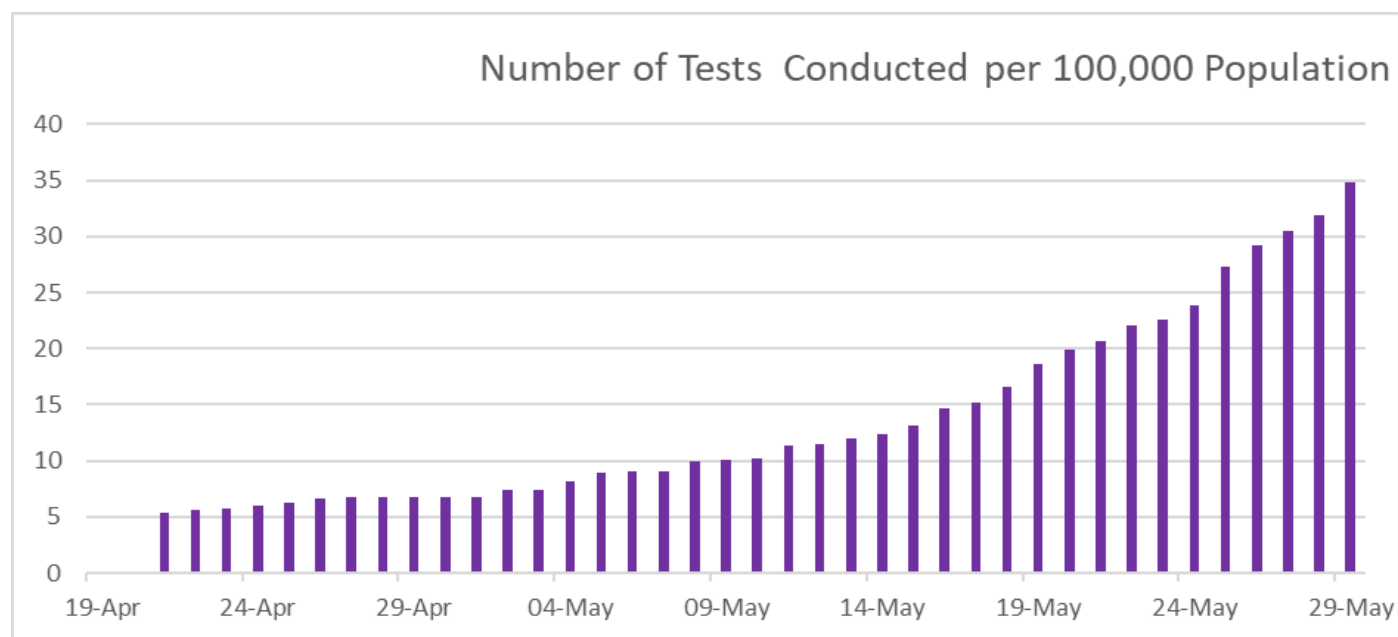


CHART 13A: HAITI



There were **709** new cases in Haiti during **23-29 May** as compared with **461 new** cases from **16 -22 May**, an increase of **248** new cases. The **709 cases** represented **88.3 percent** of the total number of new cases for CARICOM during the week under review.

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

Special Topic Bulletin - COVID 19

CHART 14: JAMAICA

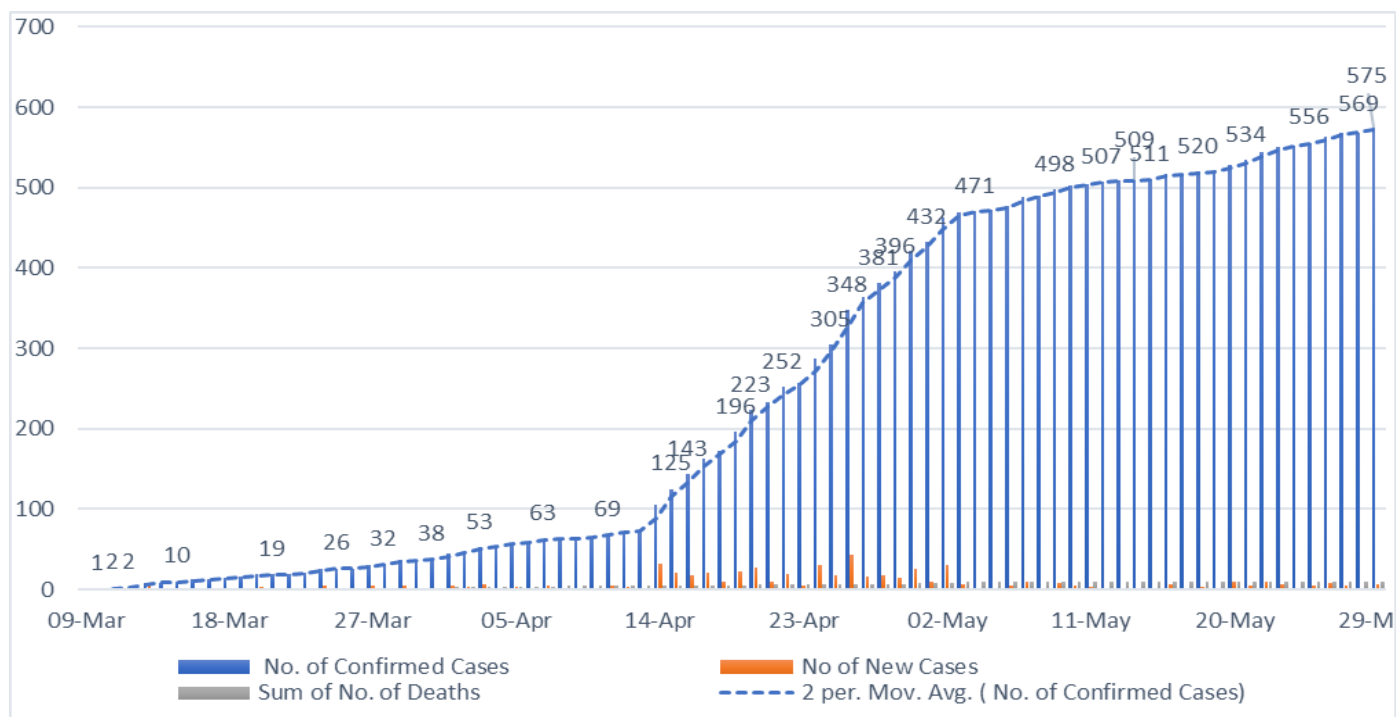
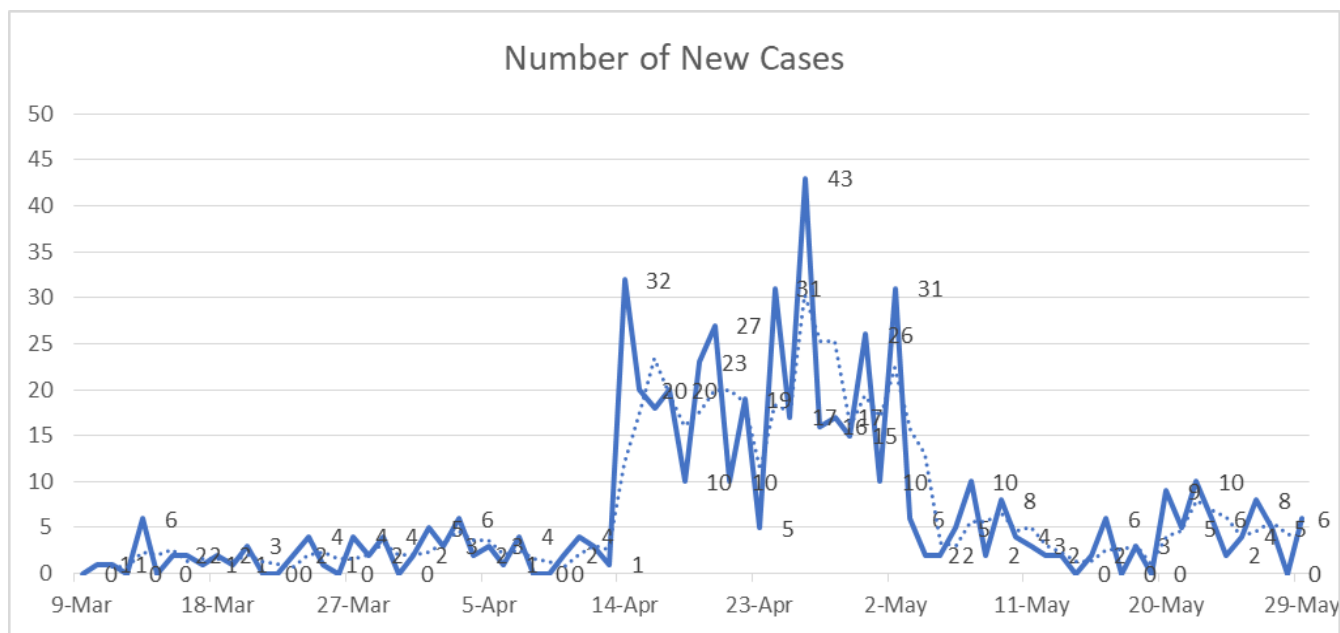
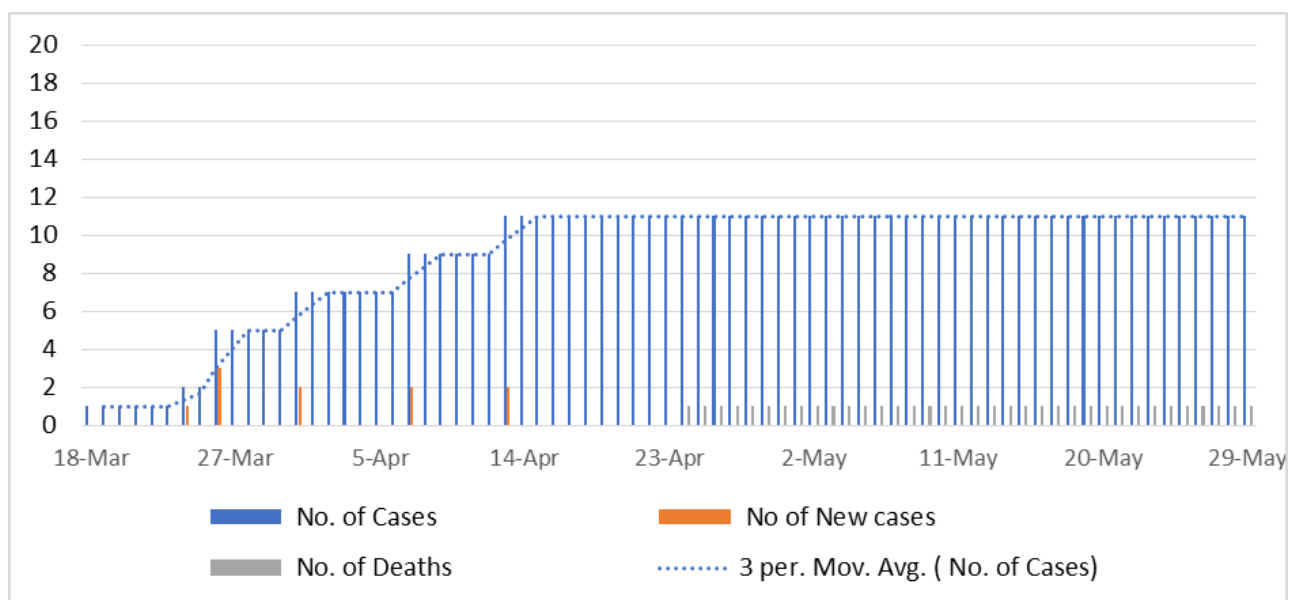
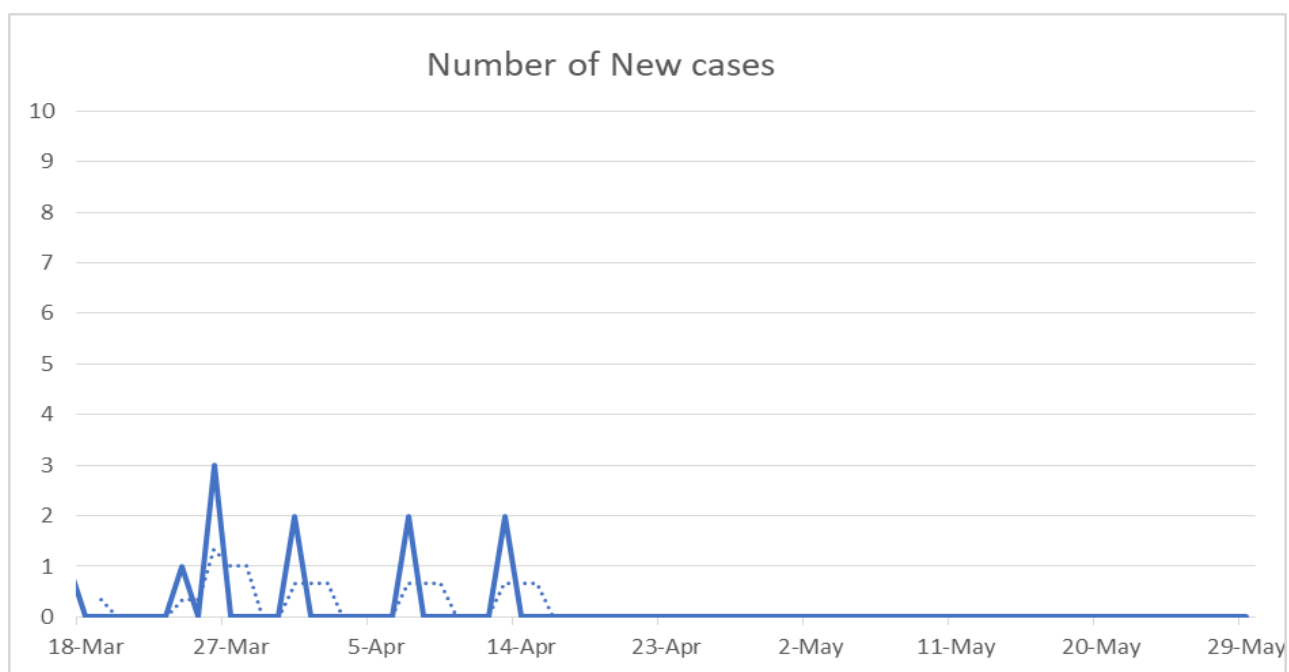


CHART 14A: JAMAICA



There were **31** new cases in Jamaica during **23-29 May** as compared to **33** new cases from **16-22 May** and **21** cases for the period **9-15 May**.

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

There were no new cases in Montserrat since **13 April**, a period of **46 days** as at **29 May**.

Special Topic Bulletin - COVID 19

CHART 16: SAINT LUCIA

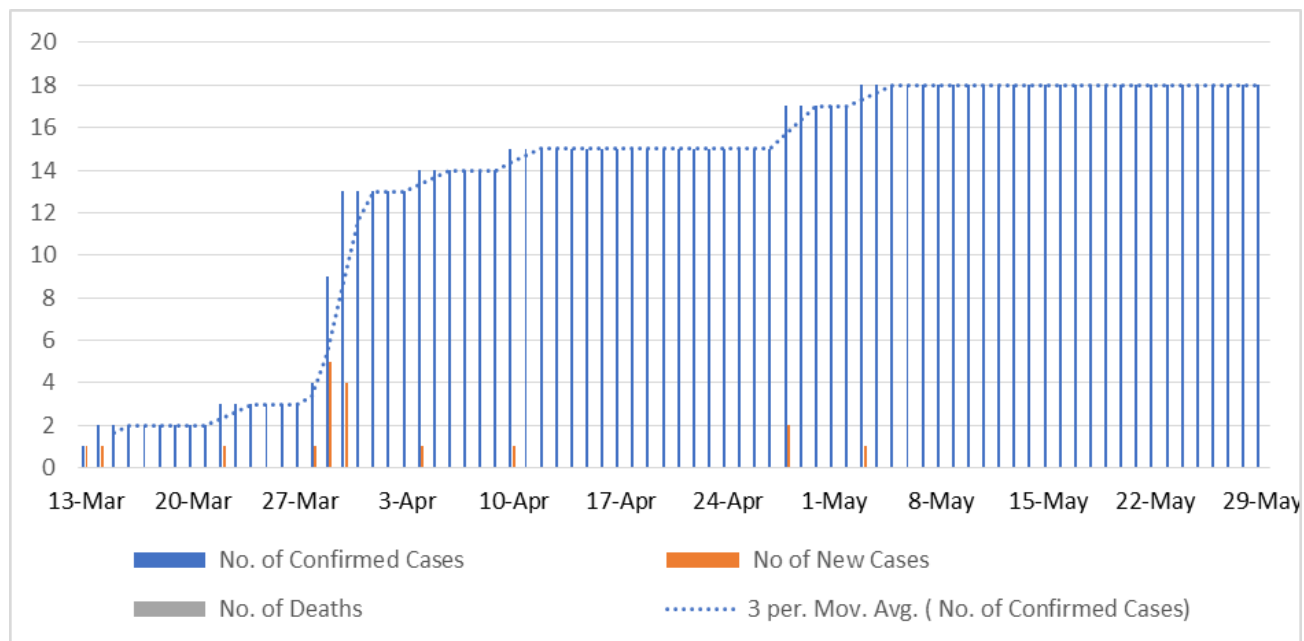
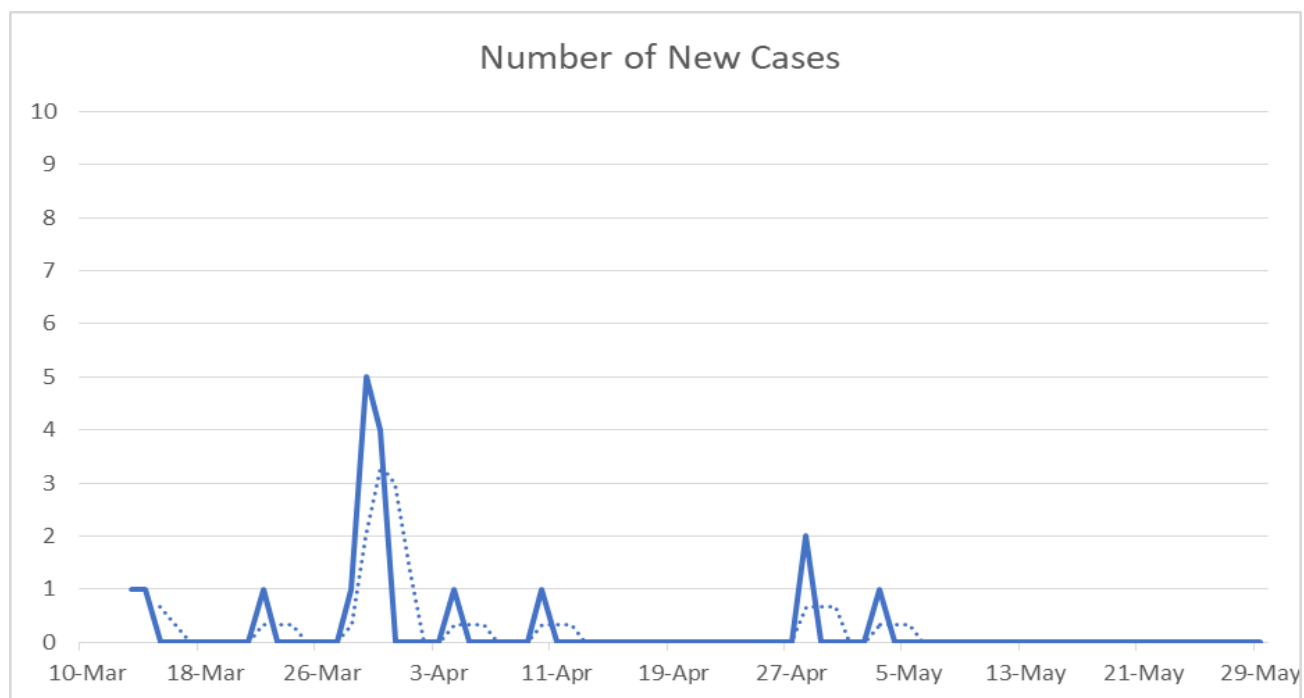
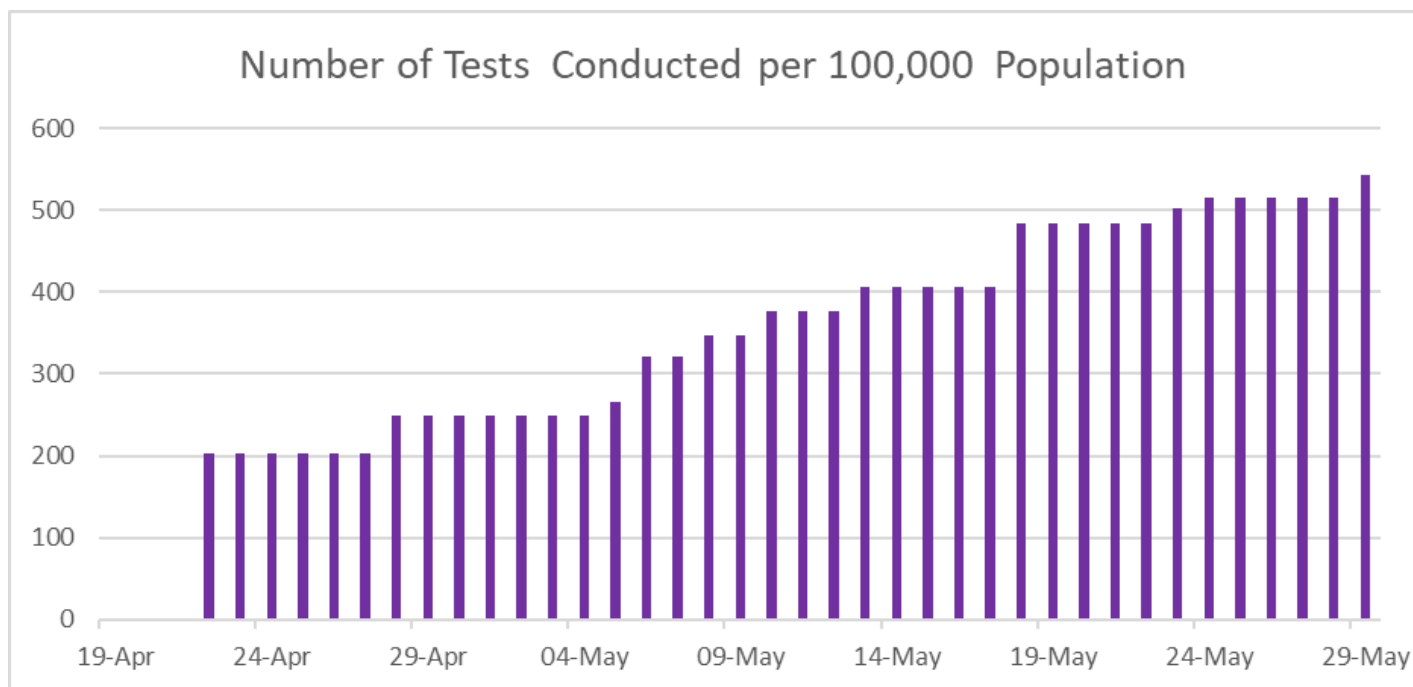


CHART 16A: SAINT LUCIA



The last case that was confirmed in Saint Lucia was on 3 May, a period of 26 days up to 29 May.

CHART 16B: SAINT LUCIA

Special Topic Bulletin - COVID 19

CHART 17: ST. KITTS AND NEVIS

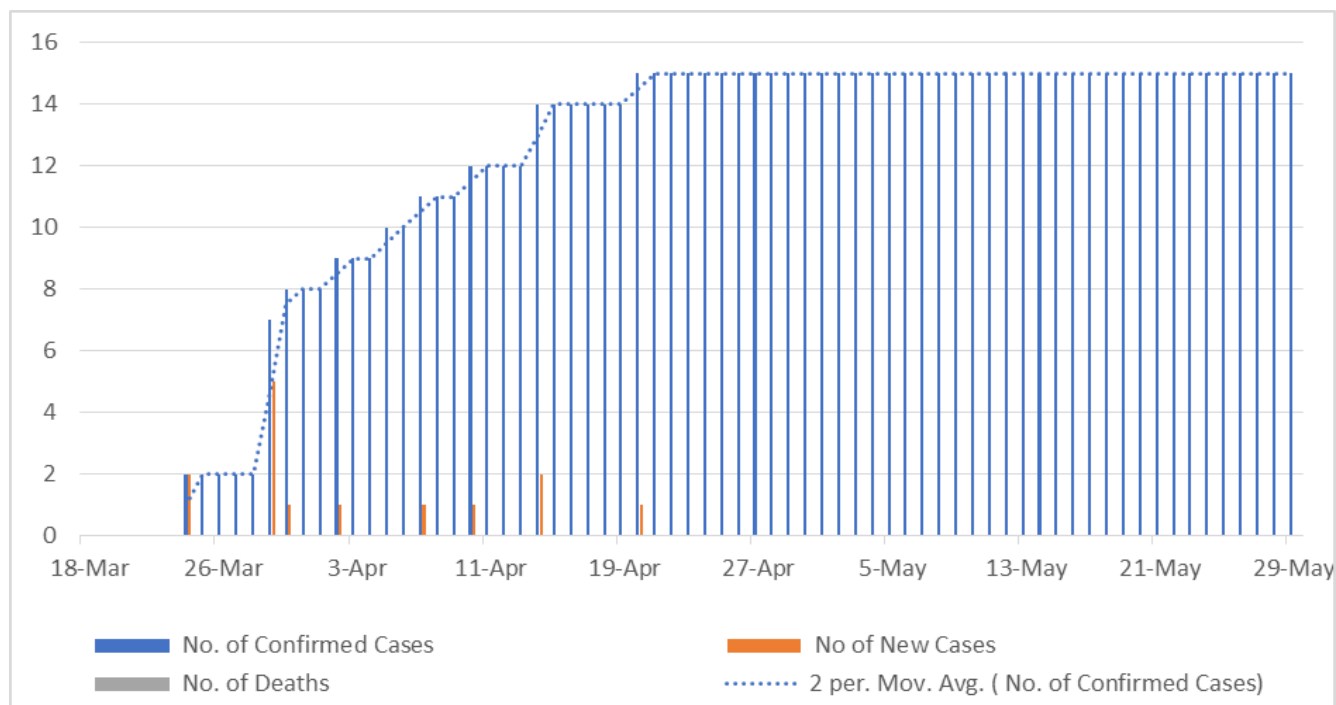
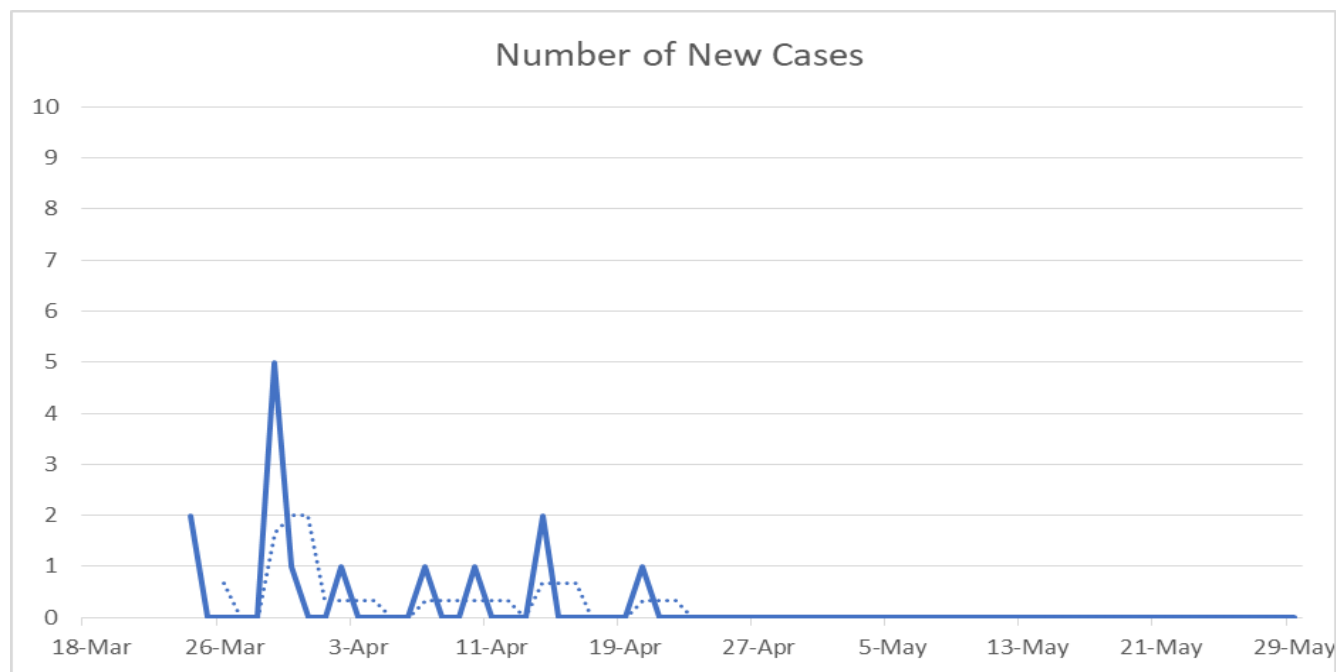
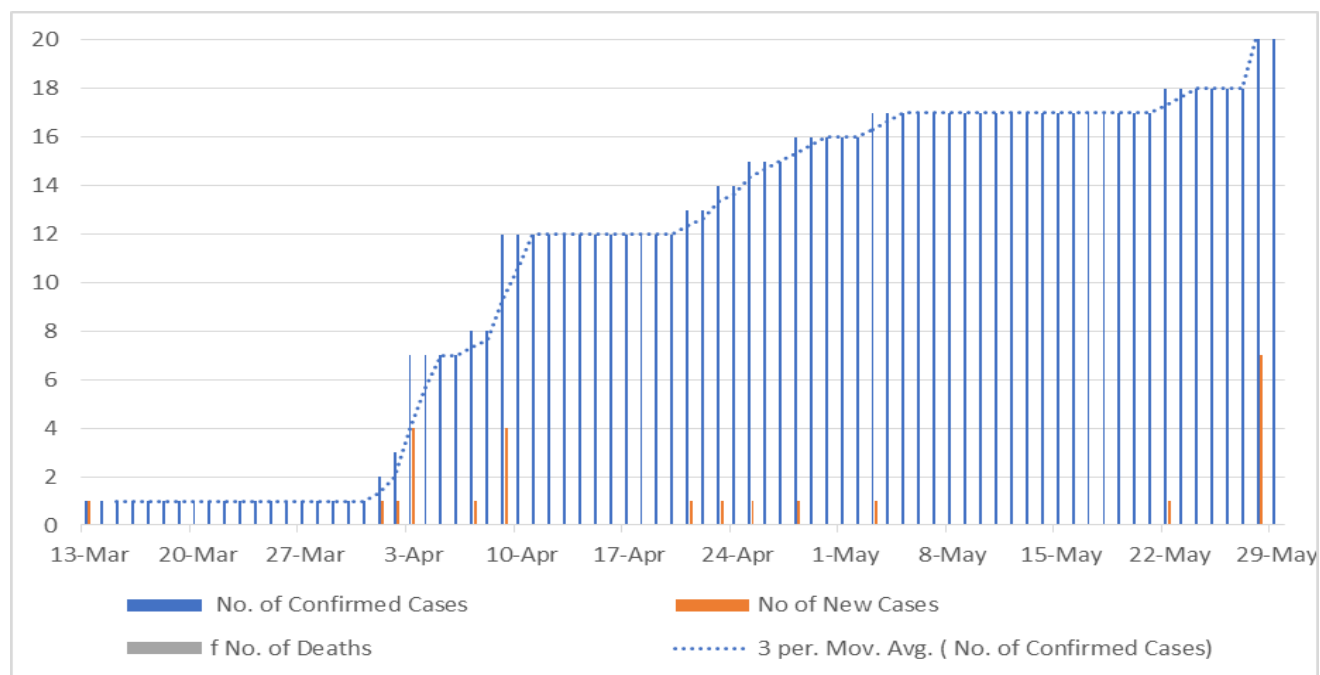
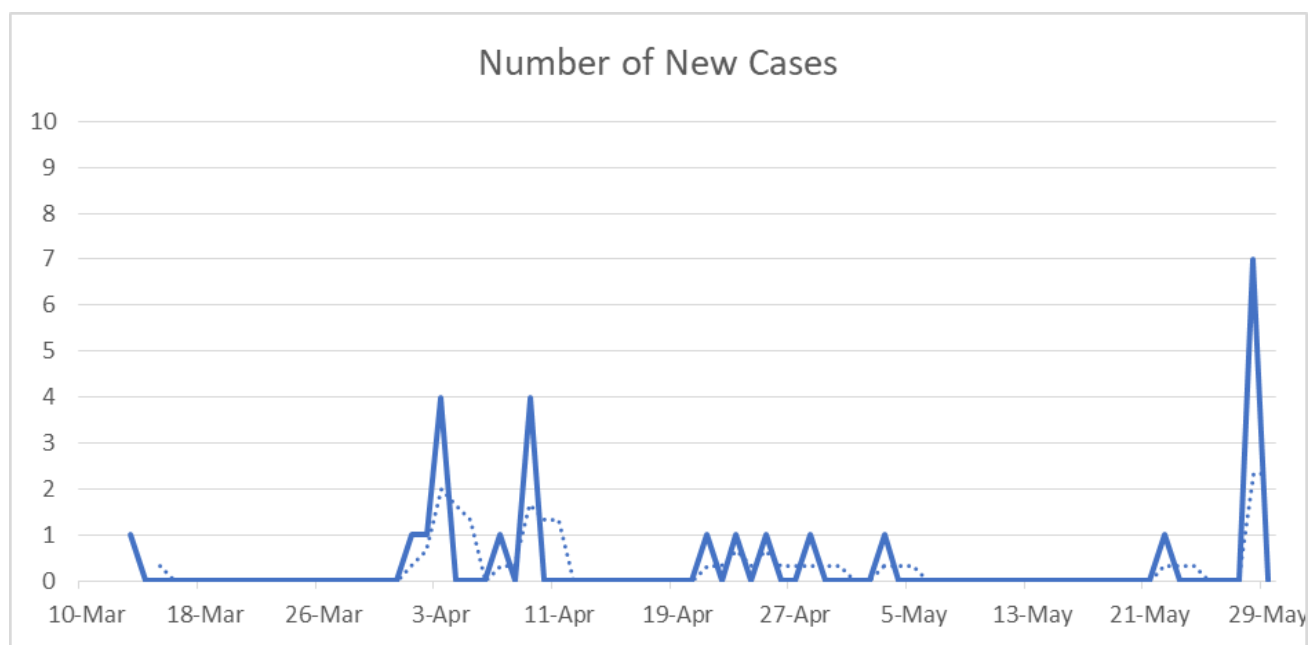


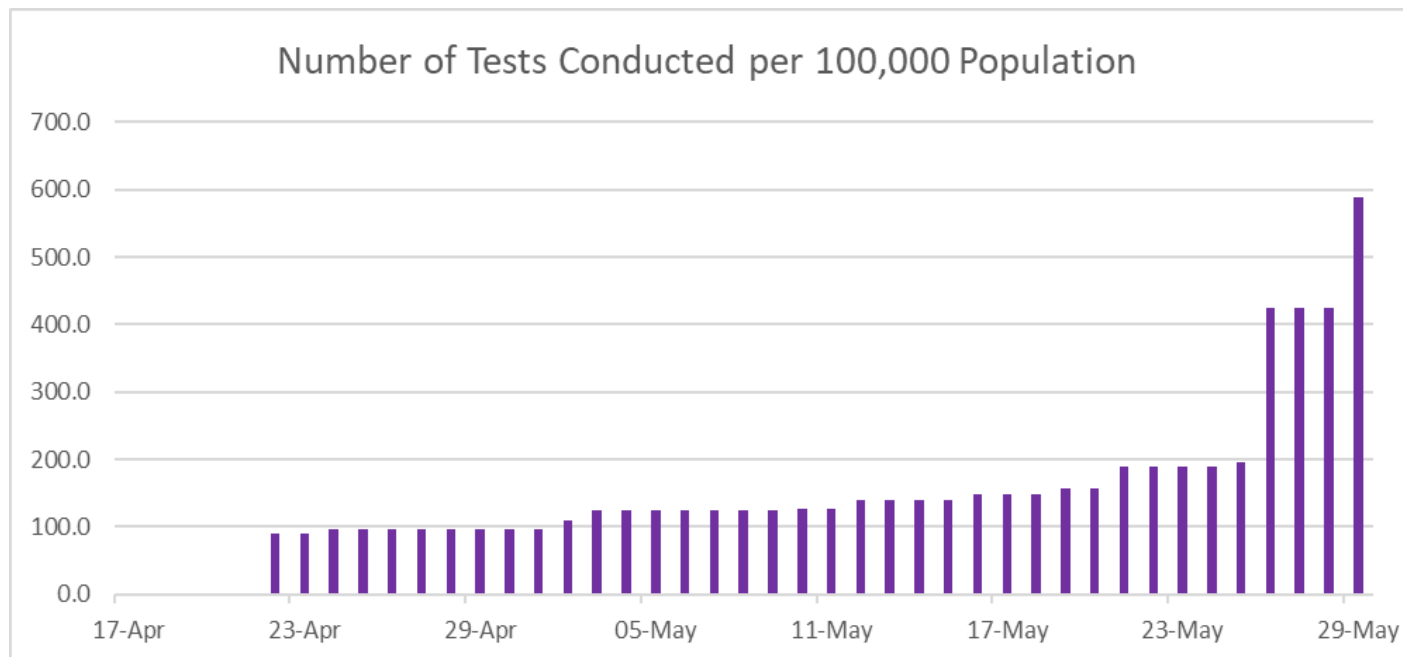
CHART 17A: ST. KITTS AND NEVIS



The last confirmed case of COVID-19 in St Kitts and Nevis was on **20 April** a period of 39 days up to **29 May**.

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

There were **7** new cases in St Vincent and the Grenadines during **23-29 May**. The new cases were primarily due to repatriated crew members from a cruise liner.

CHART 18B: ST. VINCENT AND THE GRENADINES

Special Topic Bulletin - COVID 19

CHART 19: SURINAME

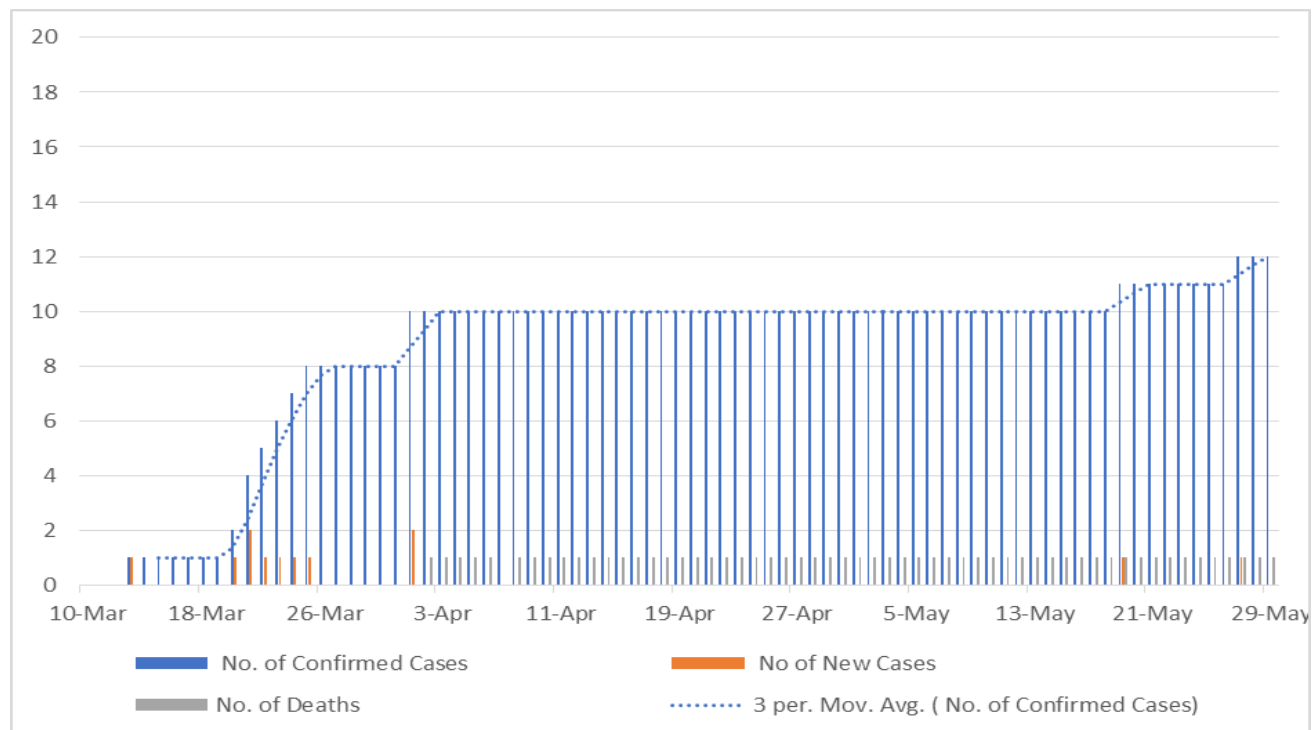
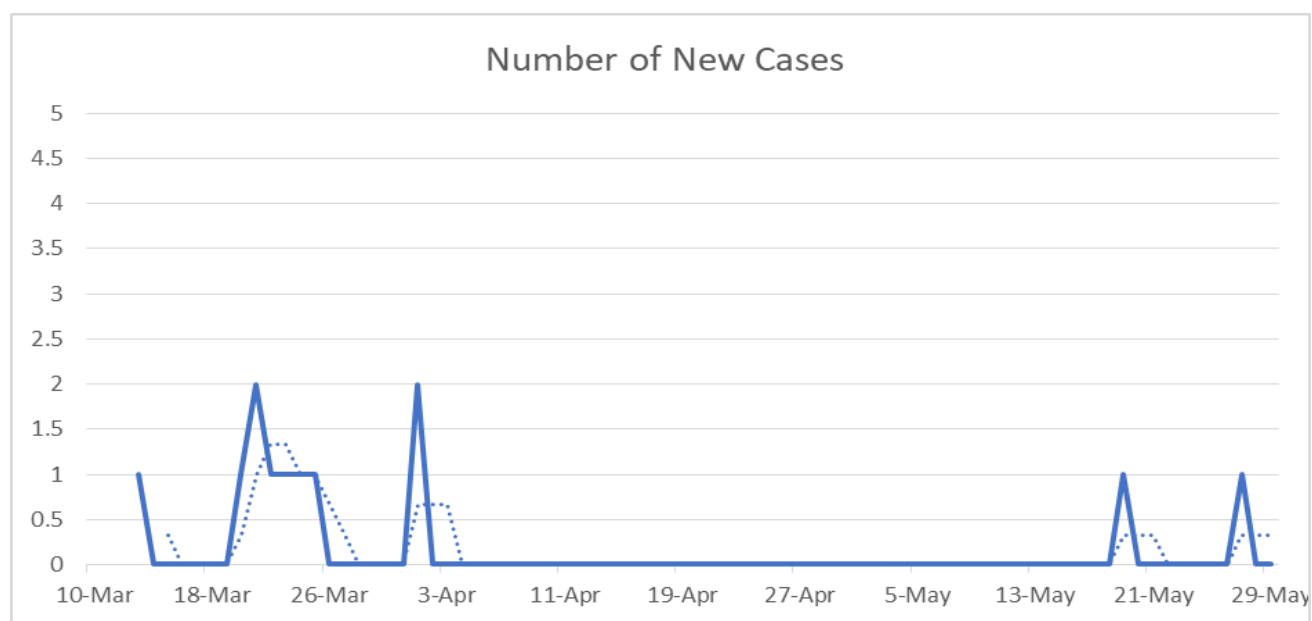


CHART 19A: SURINAME



After a period of 44 days without a confirmed case Suriname experienced a new case on 19 May. It also experienced 1 new case during 23-29 May.

Special Topic Bulletin - COVID 19

CHART 20: TRINIDAD AND TOBAGO –TOTAL CONFIRMED CASES

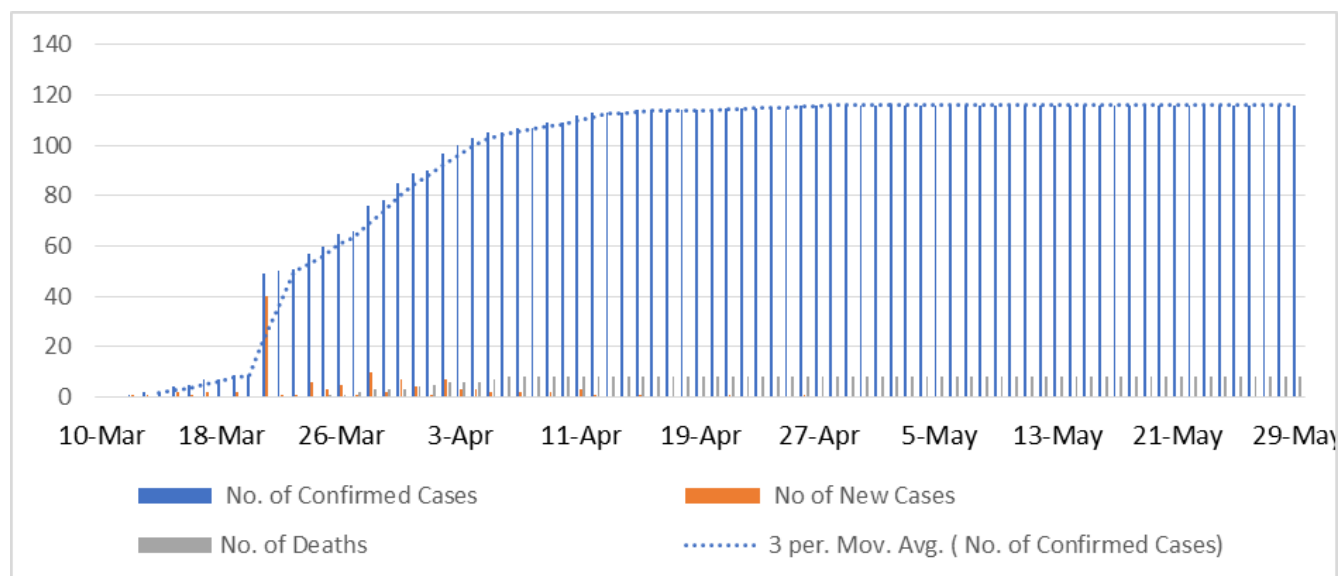
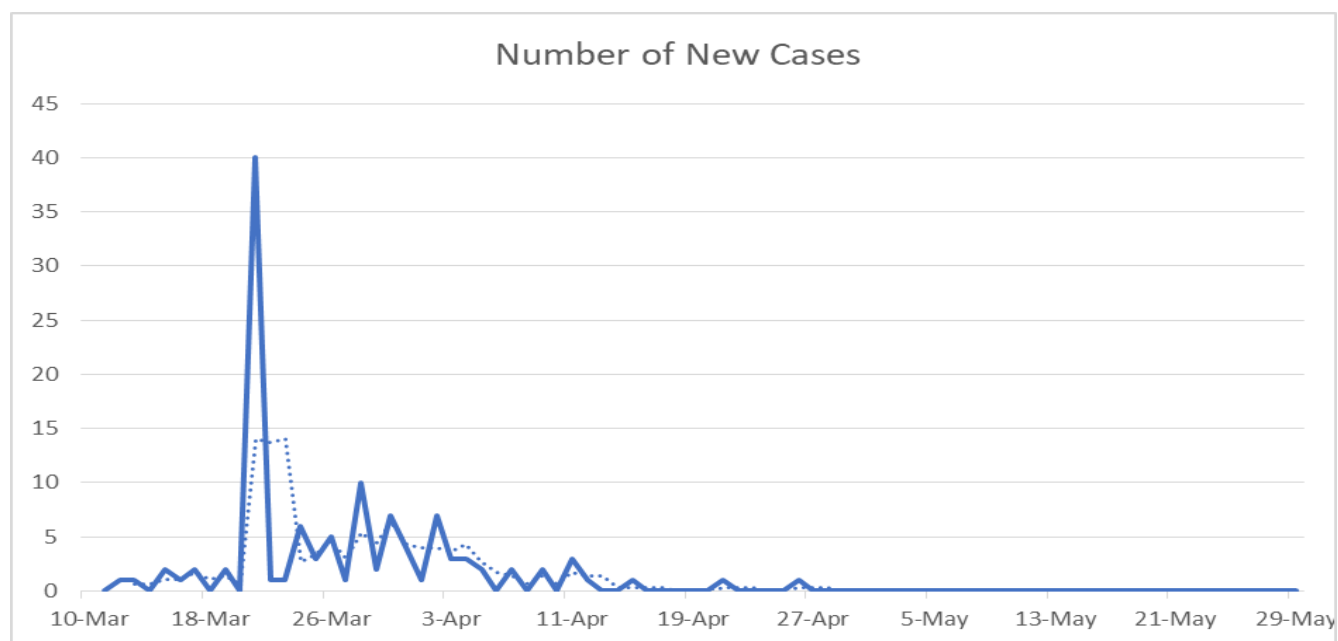
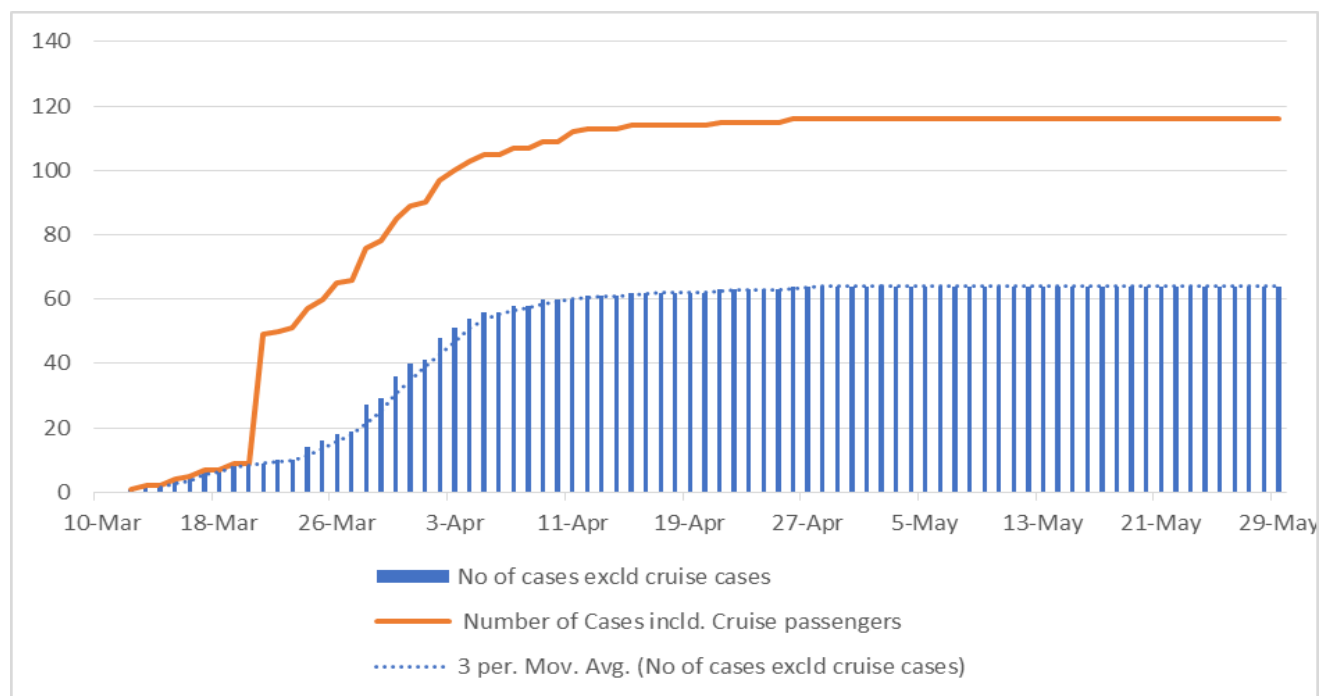


CHART 20A: TRINIDAD AND TOBAGO



The last confirmed case in Trinidad and Tobago was on **26 April**, 33 days as at **29 May**.

CHART 20B: TRINIDAD AND TOBAGO - CRUISE PASSENGERS

Special Topic Bulletin - COVID 19

CHART 21: ANGUILLA

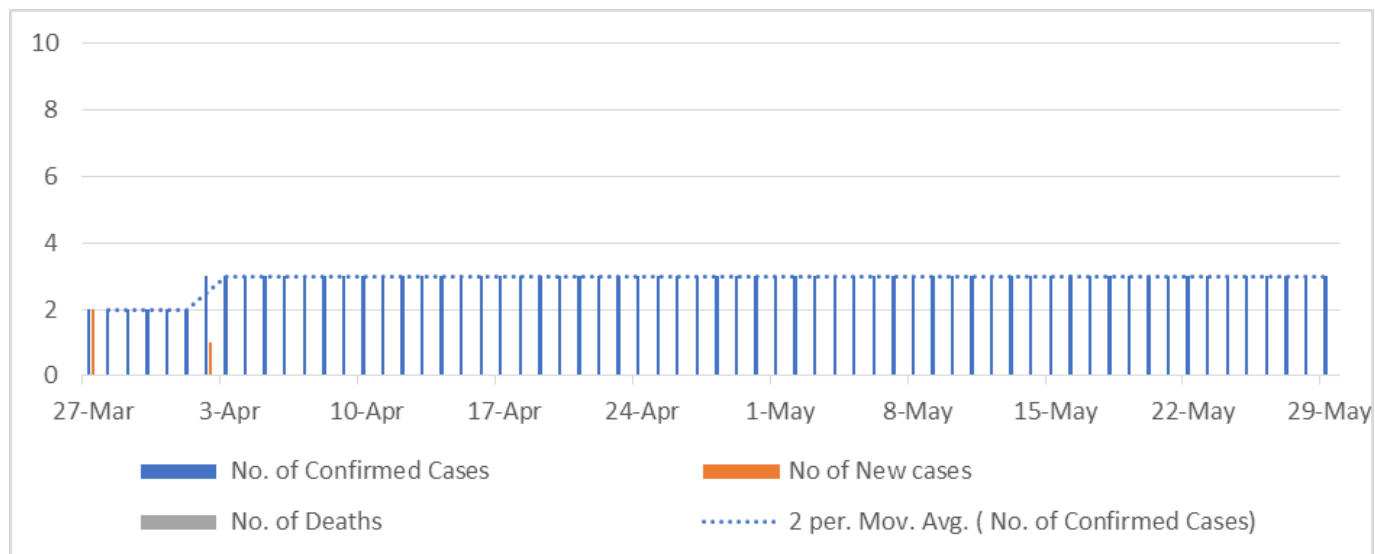
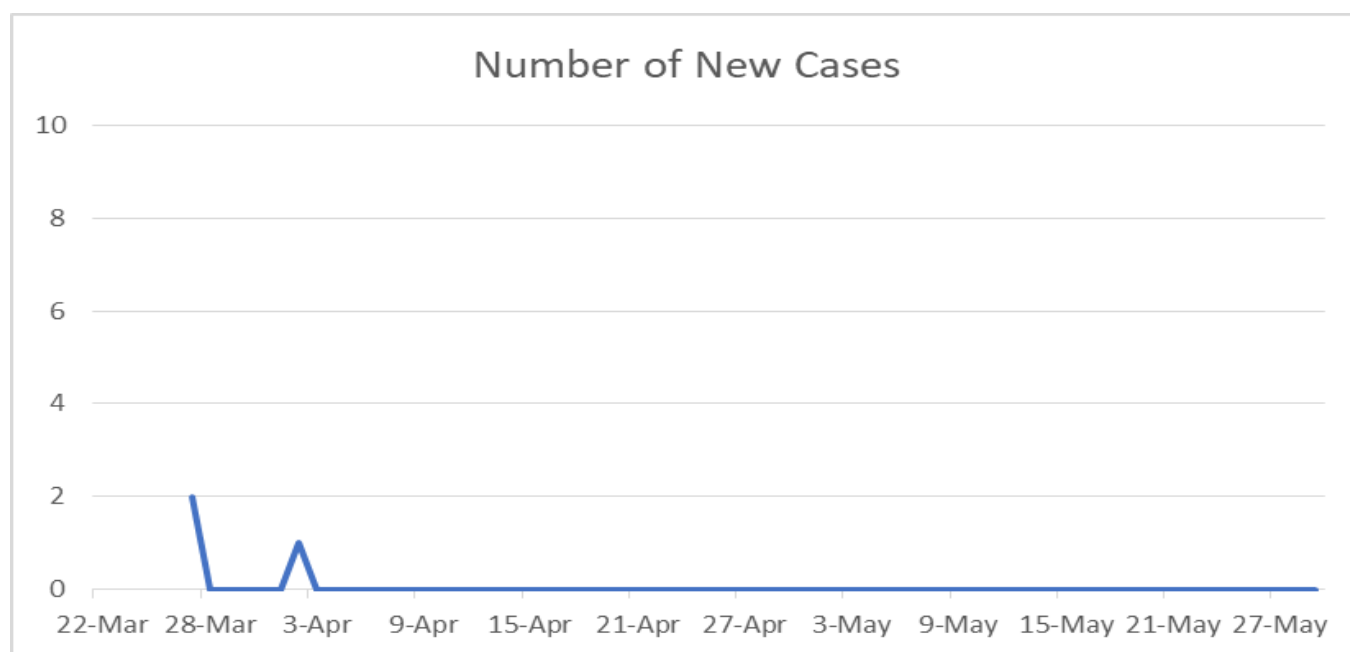


CHART 21A: ANGUILLA



The last positive case of COVID-19 in Anguilla was **2 April**, a period of **57 days** up to **29 May**.

Special Topic Bulletin - COVID 19

CHART 22: BERMUDA

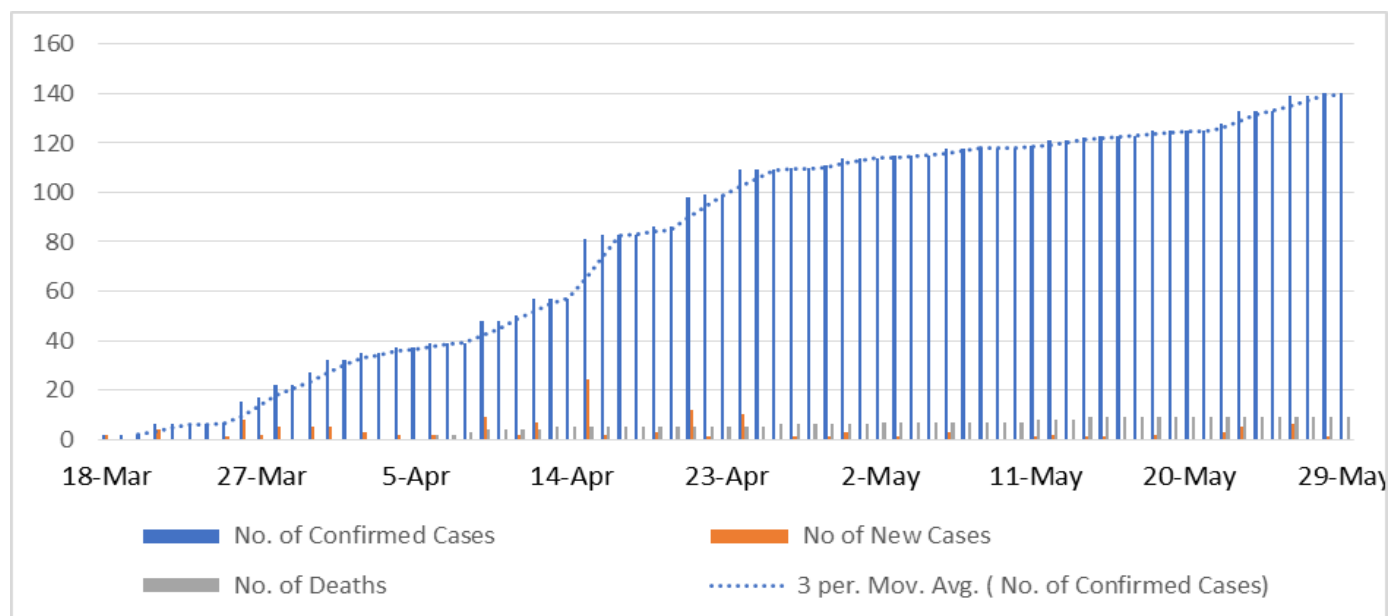
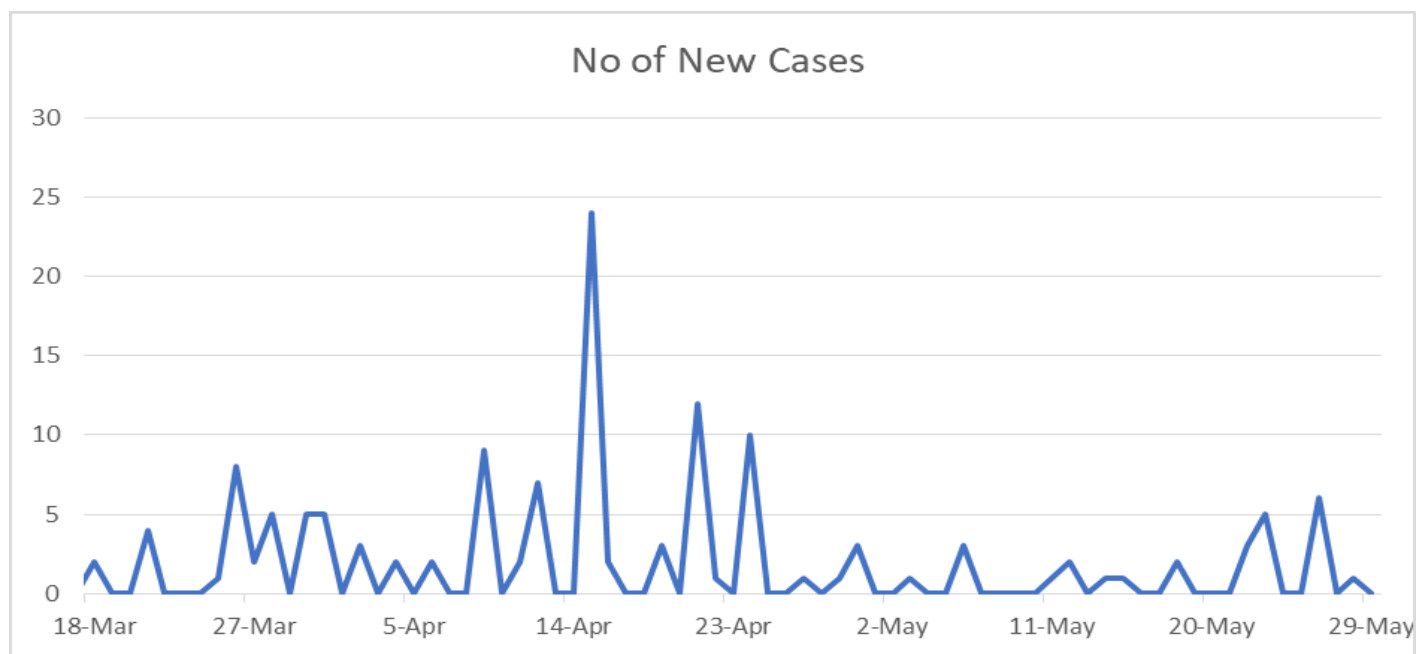


CHART 22A: BERMUDA



There were **12** new cases in Bermuda during **23-29 May** as compared to **5 new cases** for the period **16-22 May**, which was the same as for the period, **9-15 May**.

Special Topic Bulletin - COVID 19

CHART 23: BRITISH VIRGIN ISLANDS

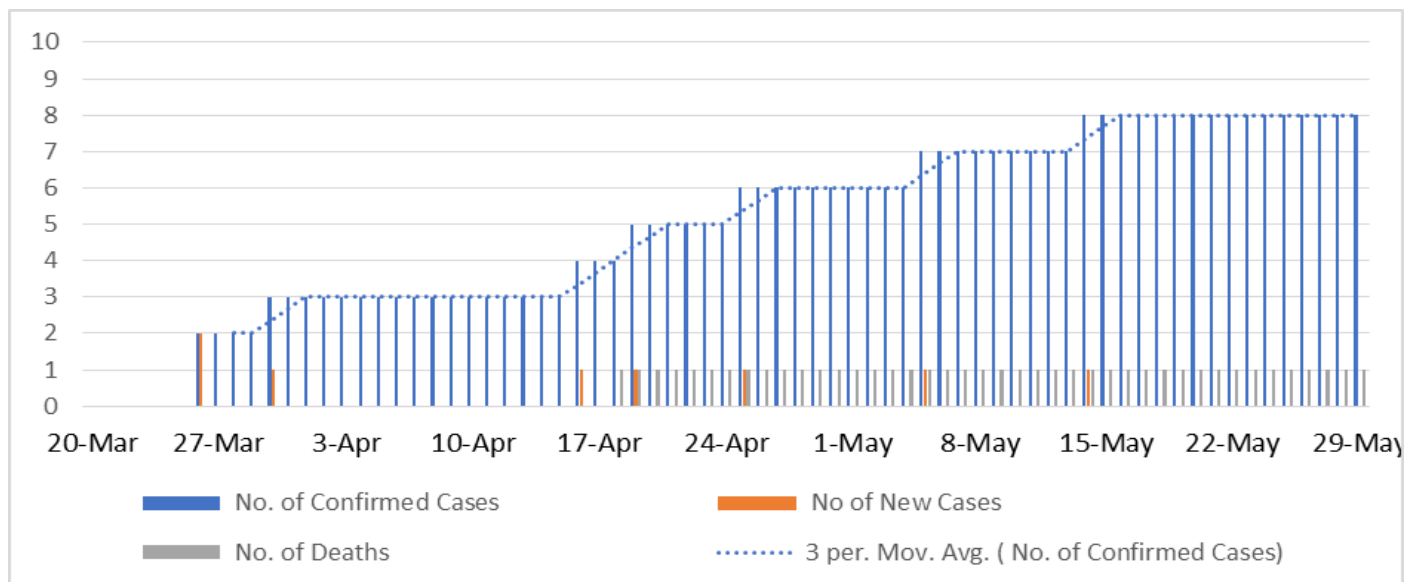
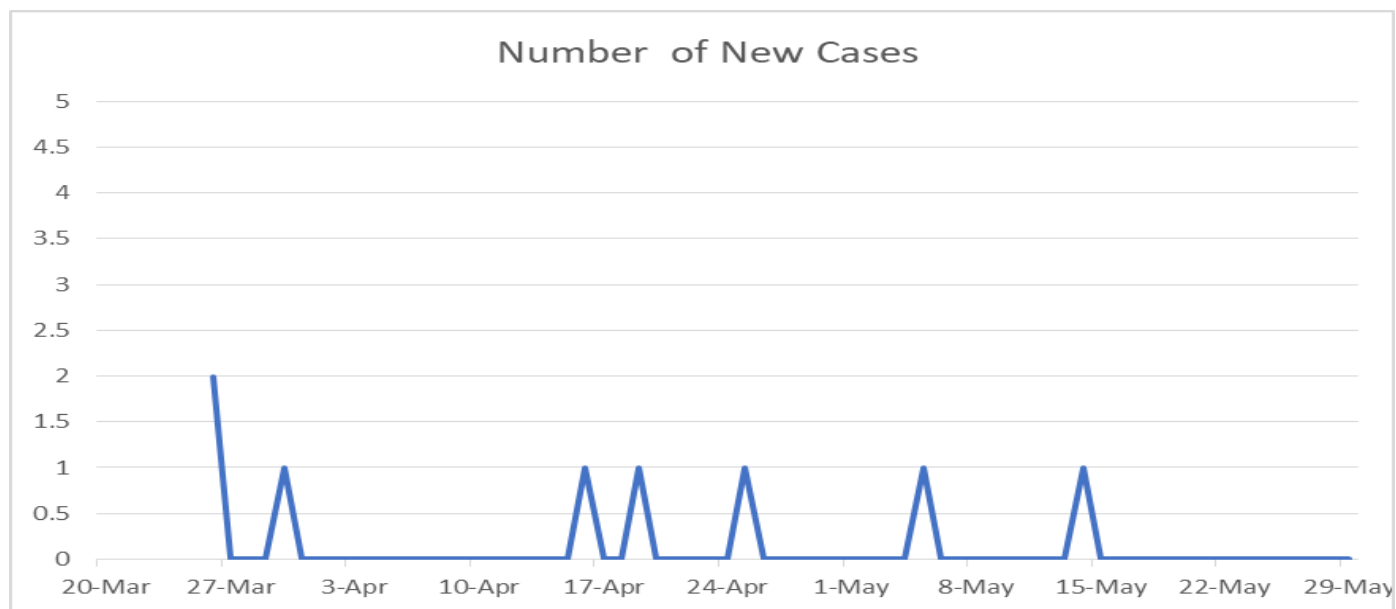


CHART 23A: BRITISH VIRGIN ISLANDS



There were no new cases in the British Virgin Islands during **23-29 May**, the last positive case was on **14 May**.

CHART 24: CAYMAN ISLANDS

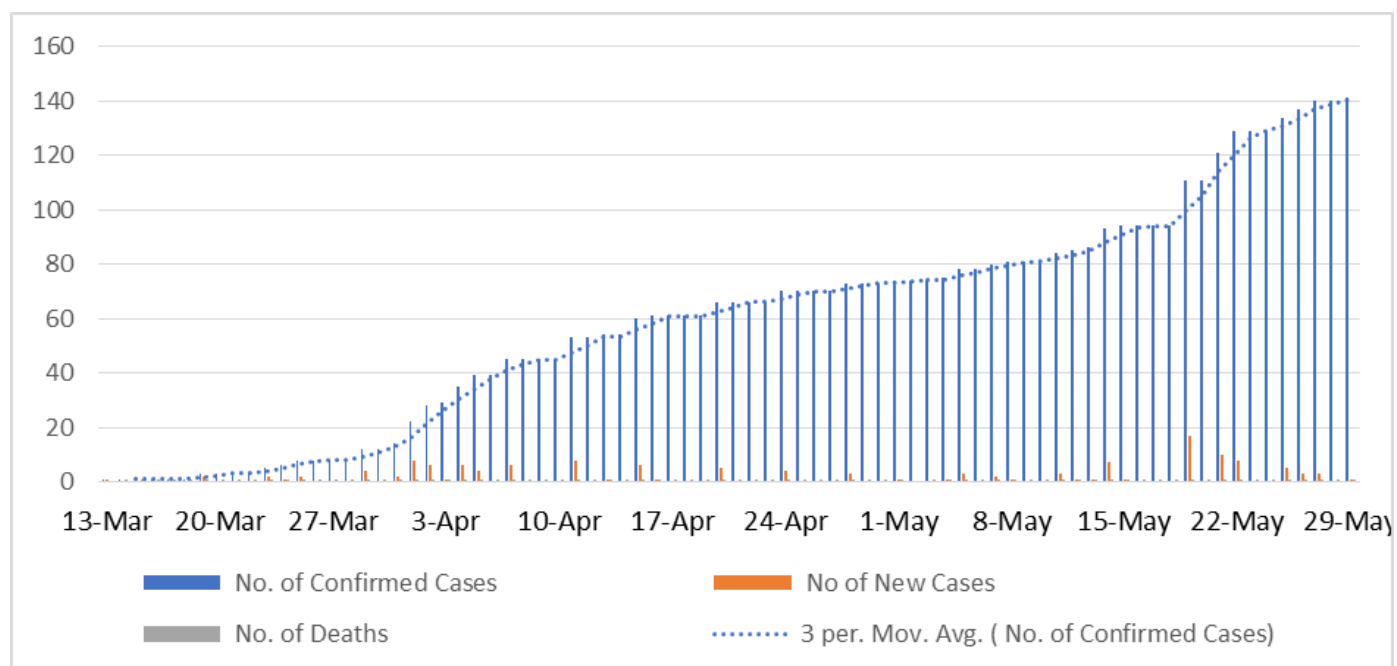
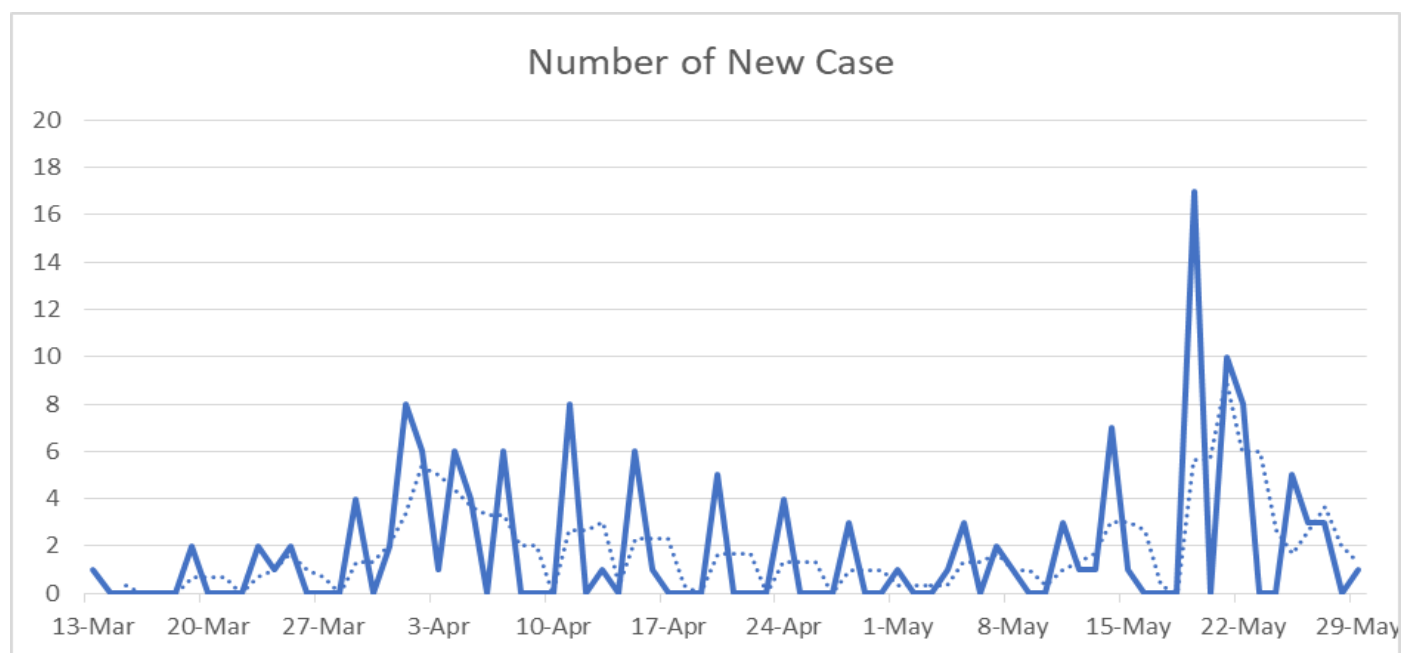


CHART 24A: CAYMAN ISLANDS



There were **12** new cases in Cayman Islands during **23-29 May**, as compared to **35 new cases** from **16-22 May** and **13 new cases** for the period **9-15 May**. This country has the best testing record, relative to tracking the pandemic.

Special Topic Bulletin - COVID 19

CHART 25: TURKS AND CAICOS ISLANDS

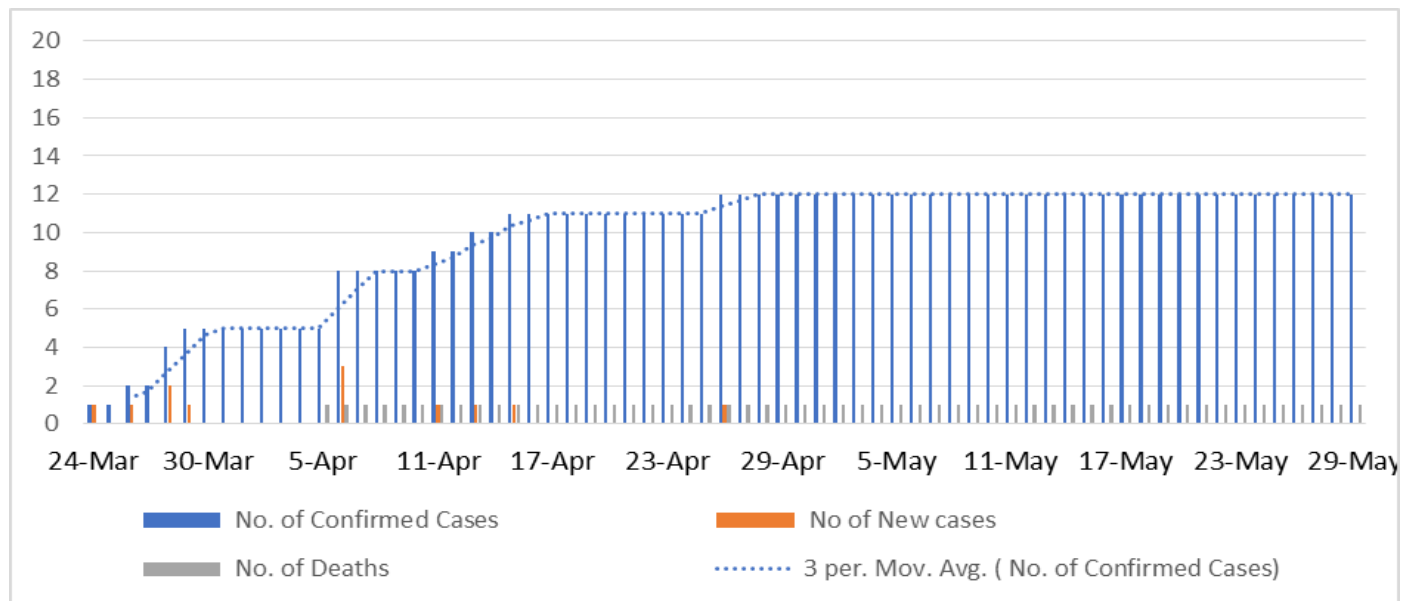
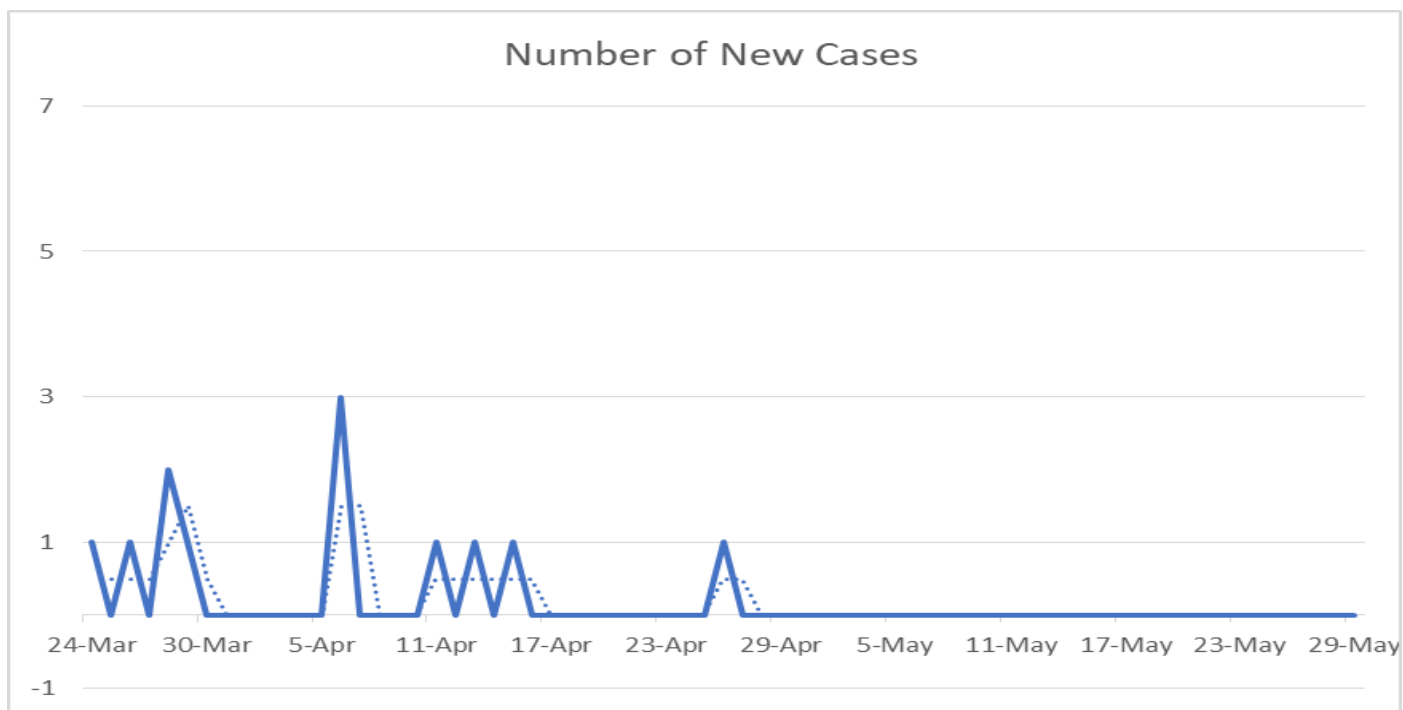


CHART 25A: TURKS AND CAICOS ISLANDS



The last confirmed case in Turks and Caicos Islands was on **26 April**, a period of **33 days** as at **29 May**.

Special Topic Bulletin - COVID 19

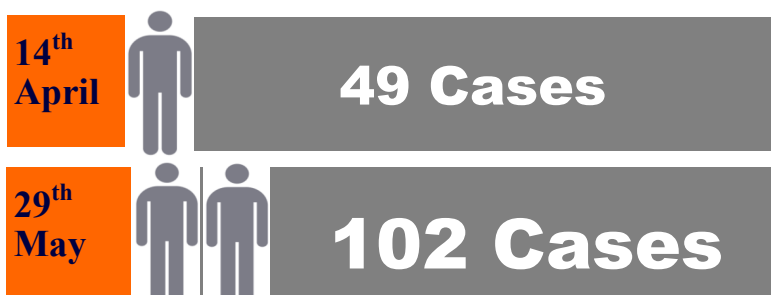
TABLE 8: TREND IN DOUBLING TIME –CARICOM AND SELECTED COUNTRIES

COUNTRY	PERIOD	NO. OF CASES	NO. OF DAYS
ALL COUNTRIES	2 Apr	403	15
	17 Apr	809	
	6 Apr	501	18
	24 Apr	1034	
	11 Apr	613	
	1 May	1231	20
	14 Apr	688	
	8 May	1376	24
	17 Apr	809	28
	15 May	1589	
	25 Apr	1064	27
	22 May	2142	
With Haiti	11 May	1465	18
	29 May	2945	Rate: 2.01
Without Haiti	16 Apr	738	43
	29 May	1502	Rate: 2.04
Haiti	5 Apr	21	12
	17 Apr	44	
	11 Apr	33	13
	24 Apr	72	
	15 Apr	41	16
	1 May	81	
	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	Rate: 1.97
Jamaica	28 Mar	32	13
	10 Apr	64	
	13 Apr	73	4
	17 Apr	163	
	16 Apr	143	8
	24 Apr	288	
	20 Apr	223	
	1 May	432	11
	22 Apr	252	
	8 May	490	16
	23 Apr	257	22
	15 May	511	
	23 Apr	257	29
	22 May	544	
	24 Apr	288	35
	29 May	575	Rate: 2.0

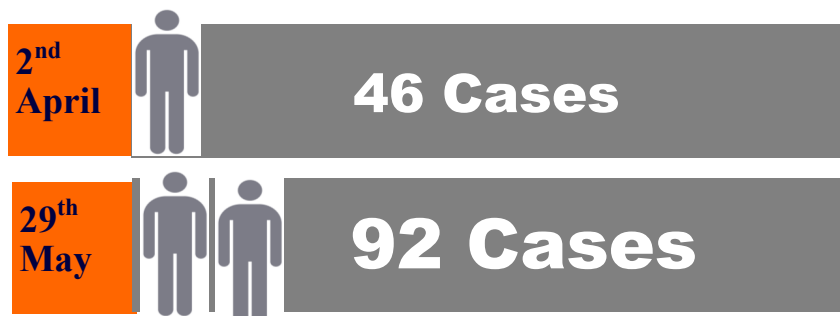
DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

The Bahamas

Doubling (2.1) 45 days

**Barbados**

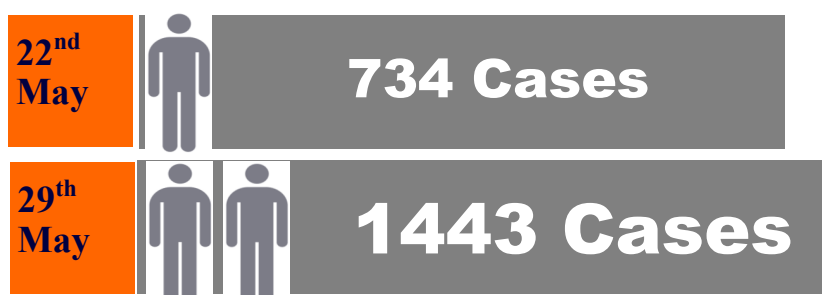
Approx. Doubling(2.0) 57 days

**Guyana**

Approx. Doubling (2.0) 31 days

**Haiti**

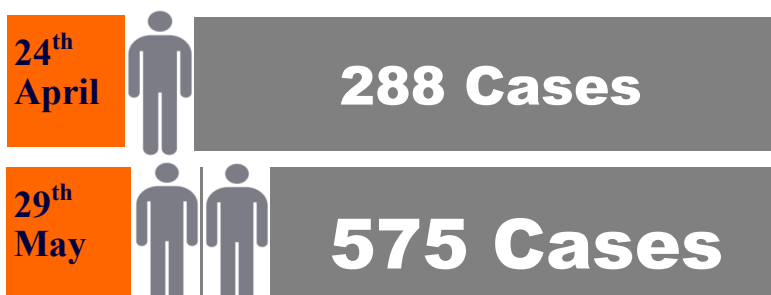
Doubling (1.97) - 7 days



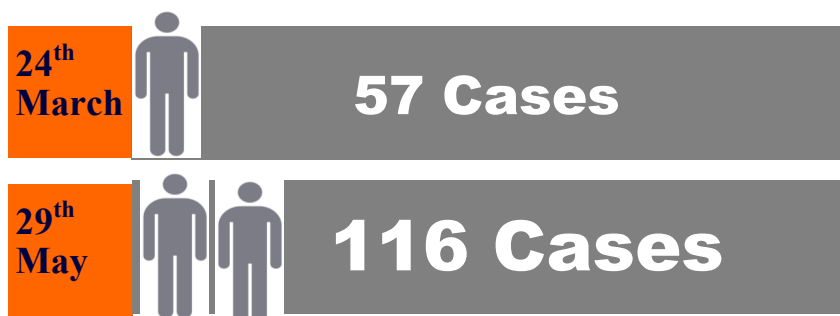
DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

Jamaica

Approx. Doubling (2.0) 35 days

**Trinidad and Tobago**

Approx. Doubling (2.04) 66 days

**Bermuda**

Doubling (1.7) 44 days

**Cayman Islands**

Approx. Doubling (2.01) - 35 days

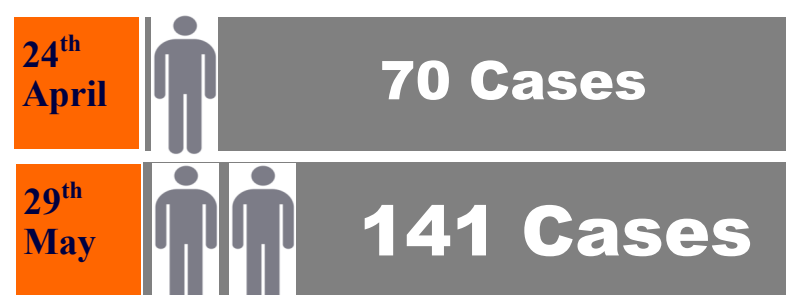


TABLE 9: EXPLANATIONS

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.

Produced By:

*The Regional Statistics Programme
Caribbean Community Secretariat
P.O. BOX 10827, Georgetown, Guyana
Email: stats1@caricom.org
Website: statistics.caricom.org*