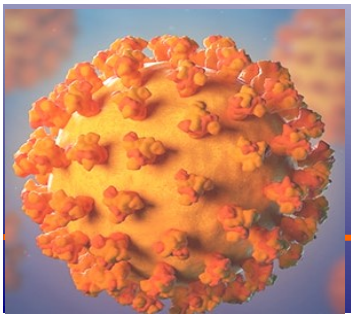
Stats News & Views



Special Topic Statistical Bulletin - COVID-19

Issue 6, 1 May 2020

The **Special Topic Statistical Bulletin on COVID 19 in CARICOM Countries Issue 6**, provides an update of the trajectory of COVID-19 in the CARICOM Region up to **1 May 2020**. The Bulletin provides information on the pattern of the disease of the total number of confirmed cases, new cases and deaths by date 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. For several CARICOM countries the pattern is one of flattening based on these graphs of the cumulative number of confirmed cases. Additionally, except for a few countries, the daily number of new cases also shows a trend that implies that the transmission of the virus is being contained. This Issue explores the performance of the projections from previous Issues. However, the projections may be far removed from the reality of the situations in countries and may not depict the actual outcomes. The Bulletin also provides limited information on the distribution of the number of confirmed cases by sex and by mode of transmission of the virus. More countries are also featured relative to the number of tests conducted. For comparison across countries, statistics on numbers per 100,000 population are presented for the confirmed cases, deaths and the number of tests conducted. Explanatory notes are also provided in this Issue on projections and on the subject of testing. The primary approach to sourcing the data continues to be web-scraping of information from official sources of countries. Please review our back issues for key explanations about the data.

Situation at a Glance

APRIL 2020			
Saturday	11th 613	18th 822	25th 1,064
Sunday	12th 629	19th 853	26th 1,111
Monday	13th 652	20th 894	27th 1,131
Tuesday	14th 688	21st 931	28th 1,158
Wednesday	15th 754	22nd 959	29th 1,178
Thursday	16th 779	23rd 974	30th 1,213
Friday	17th 809	24th 1,034	1st MAY 1,231 Cases

Total number of confirmed cases increased by **618** over **20 days** (11 April - 1 May 2020) doubling at a rate of **2.01.**

Total number of deaths **increased by 34 in 24 days** (7 April - 1 May 2020) at a rate of **2.03.**

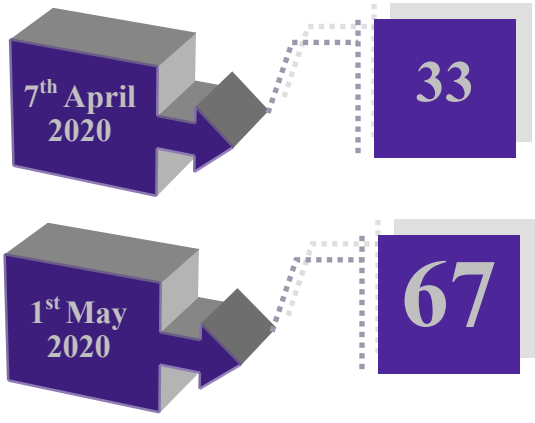


TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 10 - 31 MARCH 2020

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
10-Mar	1	1	0
11-Mar	3	2	1
12-Mar	4	1	1
13-Mar	15	11	1
14-Mar	17	2	2
15-Mar	22	5	2
16-Mar	28	6	2
17-Mar	36	8	2
18-Mar	40	4	3
19-Mar	50	10	3
20-Mar	57	7	3
21-Mar	112	55	3
22-Mar	120	8	3
23-Mar	132	12	3
24-Mar	156	24	3
25-Mar	177	21	4
26-Mar	210	33	4
27-Mar	225	15	5
28-Mar	255	30	6
29-Mar	287	32	6
30-Mar	310	23	6
31-Mar	334	24	11

Note: The Number of Confirmed Cases and the Number of Deaths are cumulative values while the Number of New Cases is not cumulative but represents the change in the number of cases from the previous date.

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

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
01-Apr	371	37	14
02-Apr	403	32	16
03-Apr	435	32	18
04-Apr	456	21	20
05-Apr	474	18	26
06-Apr	501	27	31
07-Apr	531	30	33
08-Apr	542	11	38
09-Apr	566	24	42
10-Apr	577	11	43
11-Apr	613	36	42
12-Apr	629	16	44
13-Apr	652	23	45
14-Apr	688	36	48
15-Apr	754	66	48
16-Apr	779	25	49
17-Apr	809	30	49
18-Apr	822	13	50
19-Apr	853	31	51
20-Apr	894	41	52
21-Apr	931	37	53
22-Apr	959	28	54
23-Apr	974	15	57
24-Apr	1034	60	60
25-Apr	1064	30	61
26-Apr	1111	47	62
27-Apr	1131	20	62
28-Apr	1158	27	62
29-Apr	1178	20	63
30-Apr	1213	35	66
01-May	1231	18	67

Note: The Number of Confirmed Cases and the Number of Deaths are cumulative values while the Number of New Cases is not cumulative but represents the change in the number of cases from the previous date.

CHART 1: SUMMARY ALL COUNTRIES - NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS

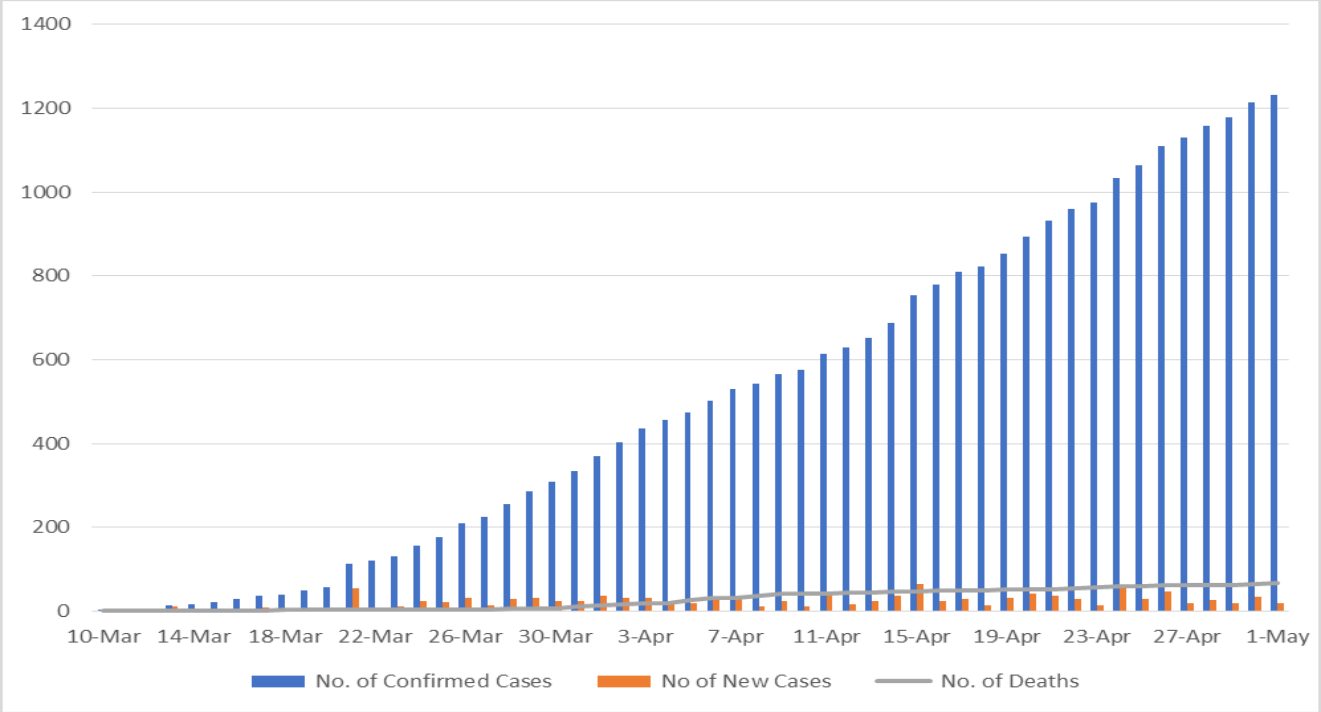
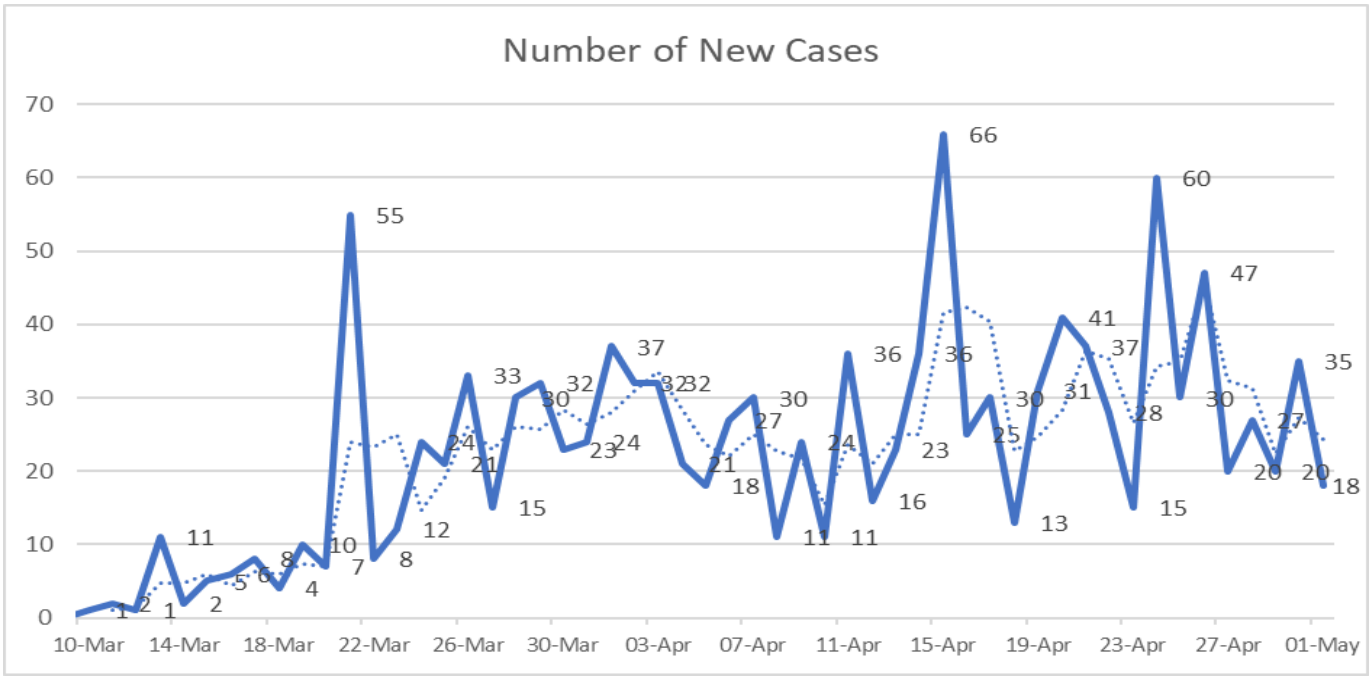


CHART 1A: SUMMARY ALL COUNTRIES WITH THREE-DAY MOVING AVERAGE OF THE NUMBER OF NEW CASES



Please see Issue 5 for the note on the spikes in April relative to the transmission of the virus at/through the workplace in Jamaica. CHART 21B for Trinidad and Tobago addresses the earlier spike in March relative to the return of cruise ship passengers to this country with some persons testing positive.

CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF DEATHS

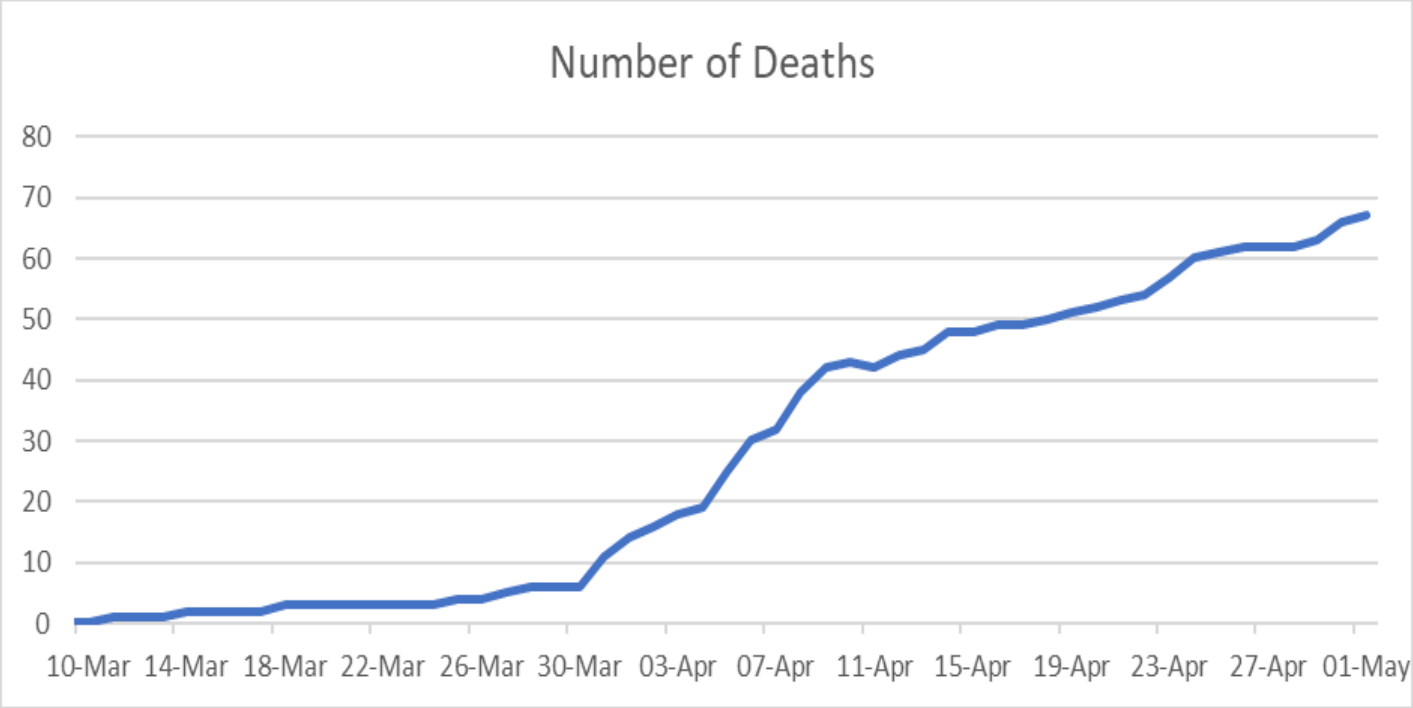
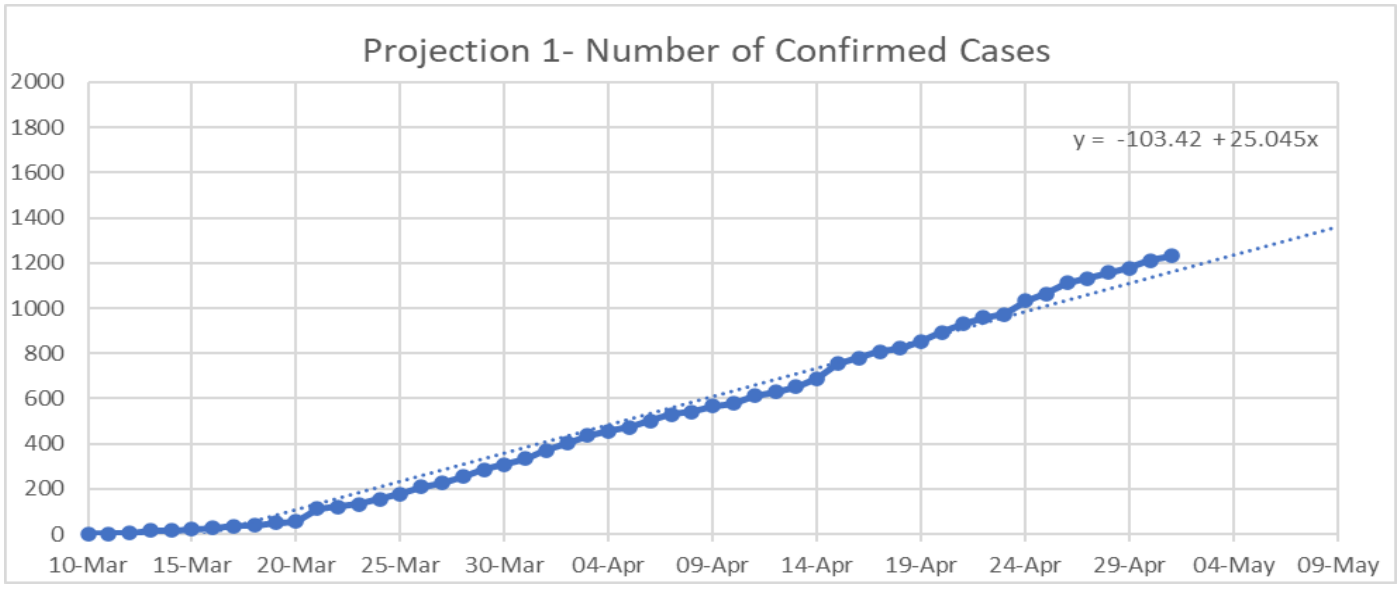
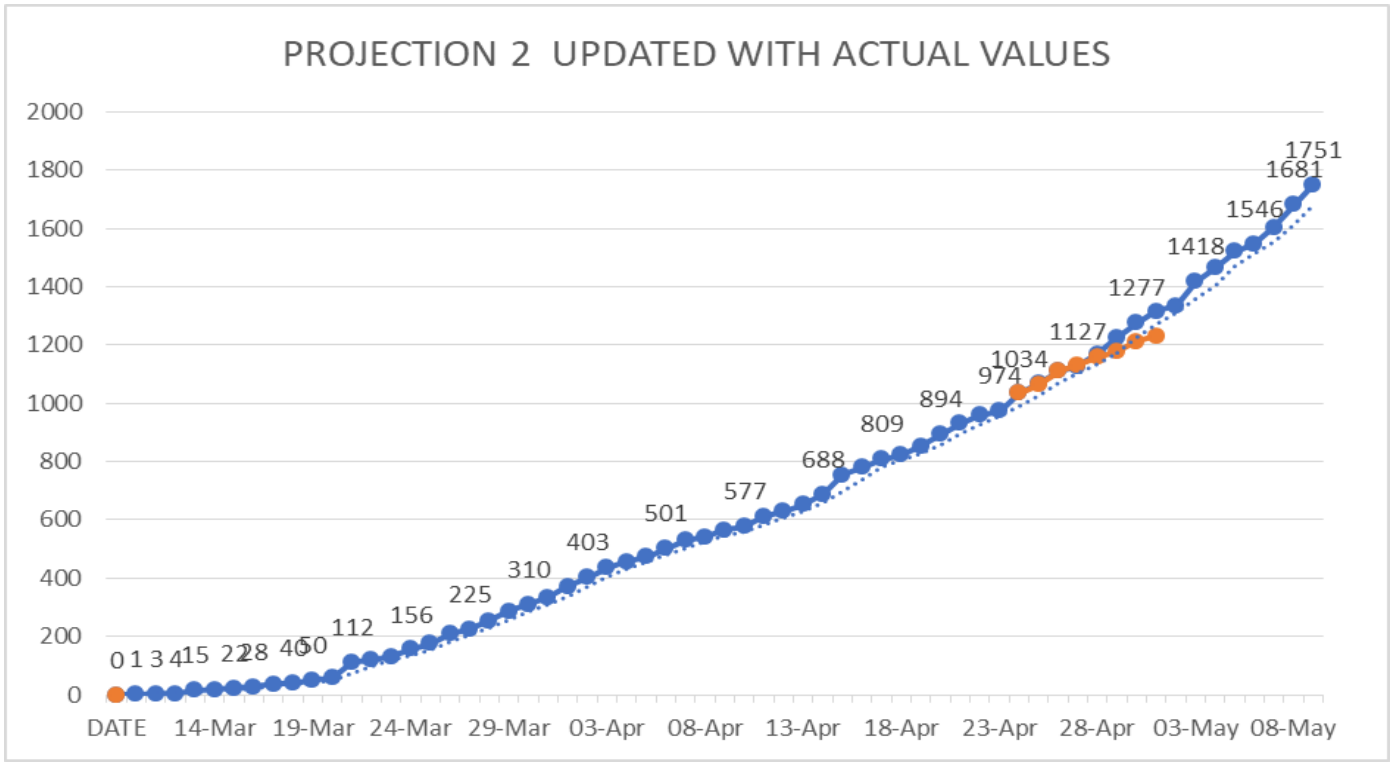


CHART 2: PROJECTION 1-ESTIMATED NUMBER OF CONFIRMED CASES TO 9 MAY 2020



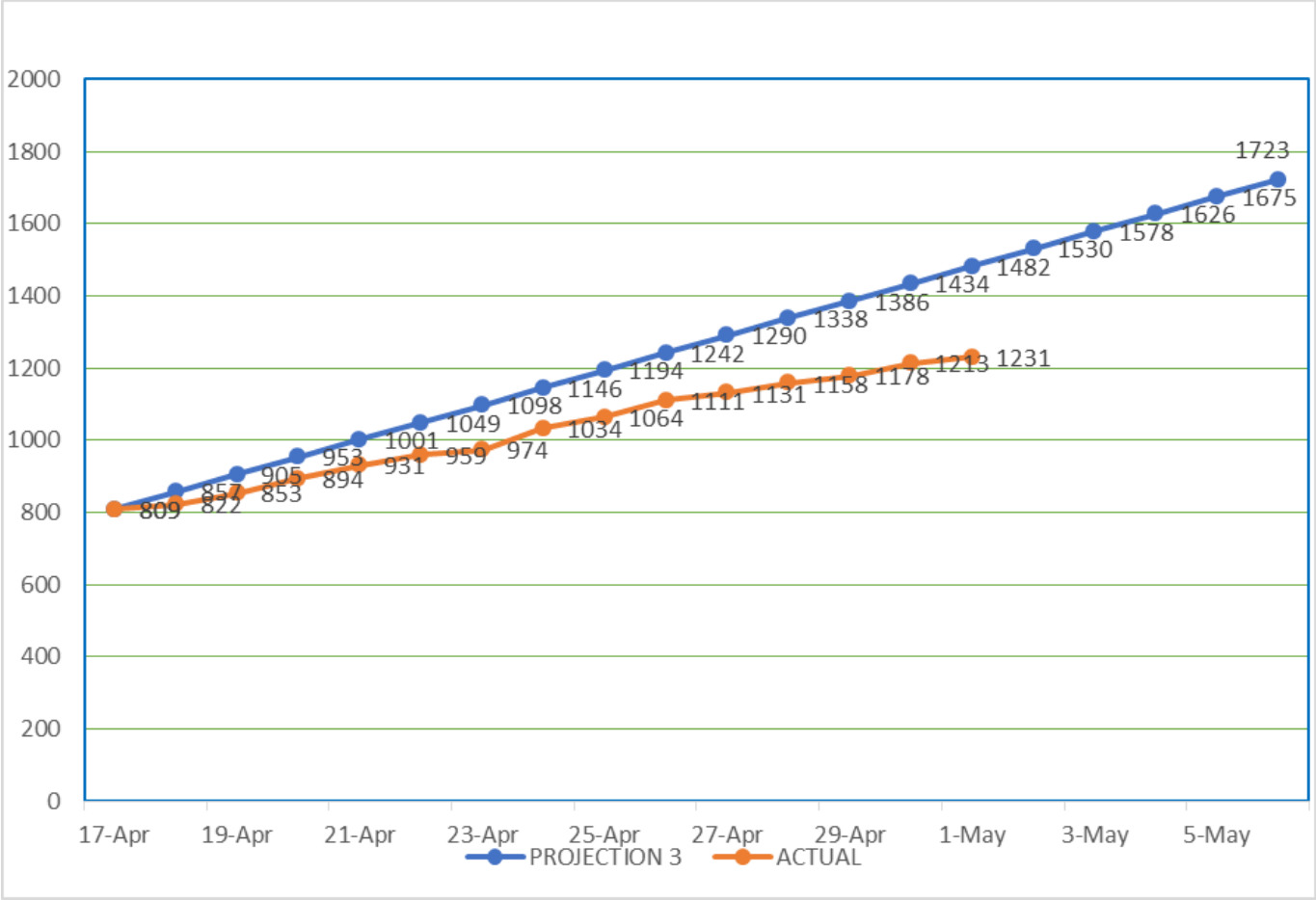
Linear trend line updated with actual data for the period 17 April– 1 May 2020, post the projection. Please check the Explanatory notes in this Issue on how to use the equation shown to obtain predicted values.

CHART 2A: UPDATED PROJECTION USING GROWTH RATES OF NUMBER OF CONFIRMED CASES (18-24 APRIL) WITH ACTUAL VALUES FITTED



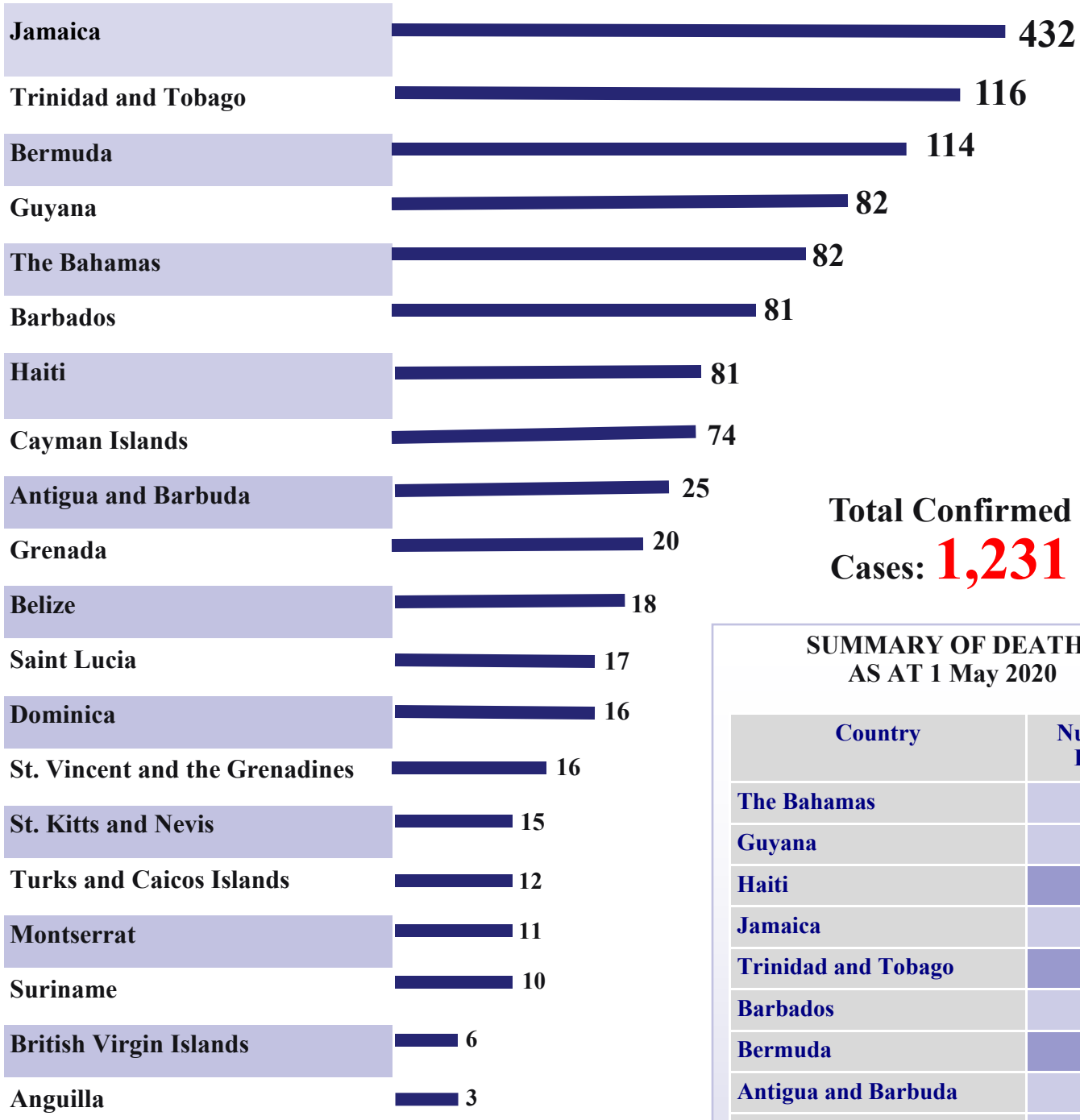
Projection uses simple growth rate for the period 16-24 April 2020. Actual Values shown post 24 April are close to or just under the projected values.

CHART 2B: PROJECTION BASED ON 12 DAY DOUBLING PERIOD- UP TO 6 MAY- FITTED WITH ACTUAL VALUES



Updated Projection from Issue 4, Chart 2A. Doubling days have moved from 12 days to 15 days to 18 days and now stand at 20 days. This difference in the projected and actual values is consistent with the longer doubling time which reflects the overall trend in the growth in the number of confirmed cases (growing generally at a slower rate). Please see Issue 3 for the note on the doubling period of confirmed cases.

SUMMARY OF CONFIRMED CASES AS AT 1 MAY 2020



Total Confirmed Cases: 1,231

Total Deaths: 67

SUMMARY OF DEATHS AS AT 1 May 2020

Country	Number of Deaths
The Bahamas	11
Guyana	9
Haiti	8
Jamaica	8
Trinidad and Tobago	8
Barbados	7
Bermuda	6
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

NUMBER OF CONFIRED CASES PER 1000,000 POPULATION						
COUNTRY	26-Mar	03-Apr	10-Apr	17-Apr	24-Apr	01-May
CARICOM -ALL COUNTRIES	1.16	2.39	3.18	4.45	5.69	6.78
CARICOM EXCL. HAITI	2.80	5.77	7.58	10.62	13.35	15.95
ANTIGUA AND BARBUDA	7.37	15.79	22.10	24.21	25.26	26.31
THE BAHAMAS	2.36	6.29	11.01	14.42	19.14	21.50
BARBADOS	8.74	18.57	24.40	27.31	28.04	29.49
BERMUDA	23.45	54.71	75.03	129.74	170.38	178.20
CAYMAN ISLANDS	12.16	44.06	68.38	92.69	106.36	112.44
GUYANA	0.67	3.10	4.99	8.50	9.85	11.07
HAITI	0.07	0.16	0.27	0.39	0.63	0.71
JAMAICA	0.95	1.94	2.38	5.98	10.56	15.84
TRINIDAD AND TOBAGO	4.78	7.36	8.02	8.39	8.46	8.53

Please check the Explanations in Issue 3 for the note on the use of a rate per 100,000 population. Barbados, The Bahamas, Haiti and Guyana all have around 81-82 cases prior to adjusting for population size. Trinidad and Tobago and Bermuda also have numbers of confirmed cases that are quite close in absolute terms of around 114-116. The Charts (3– 3D) show how the countries compare over time, with other countries and relative to the CARICOM total with and without Haiti. Chart 3B, Bermuda and Cayman Islands, have been corrected from previous Issues .

CHART 3: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES

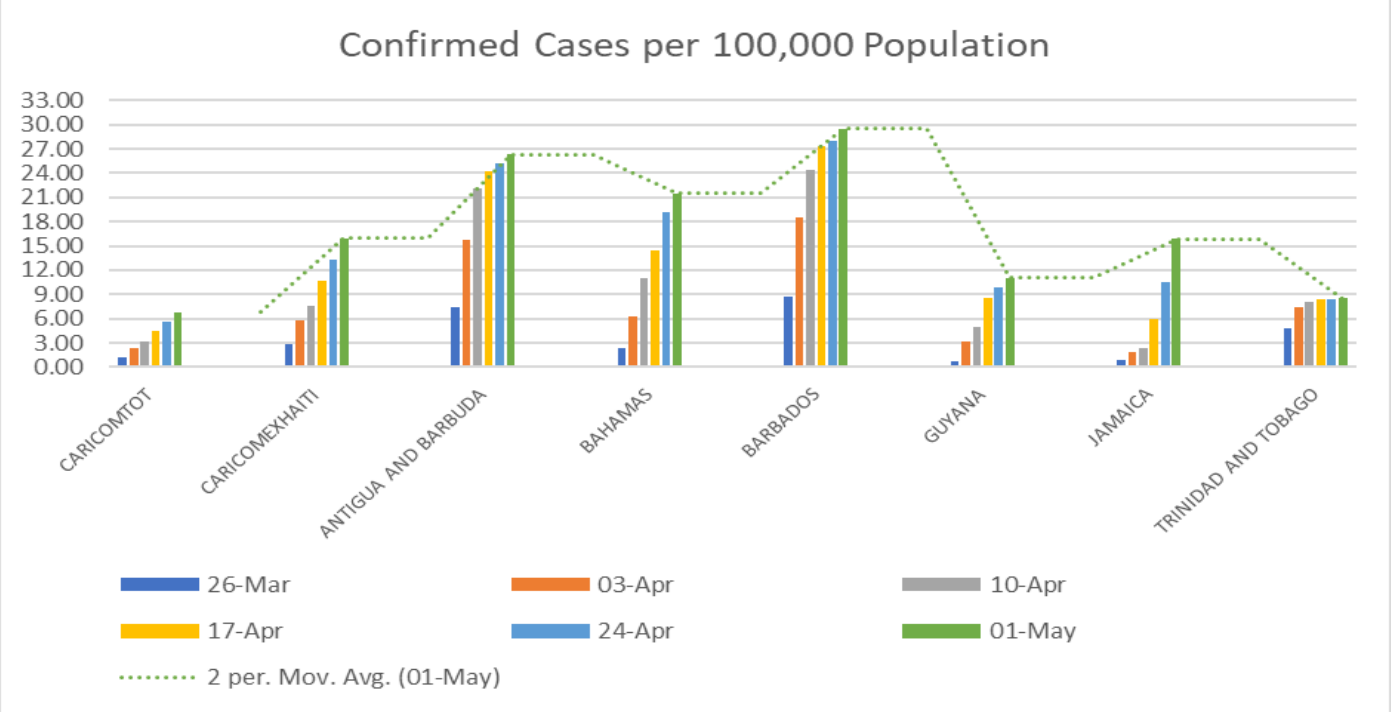


CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- CARICOM WITH AND WITHOUT HAITI

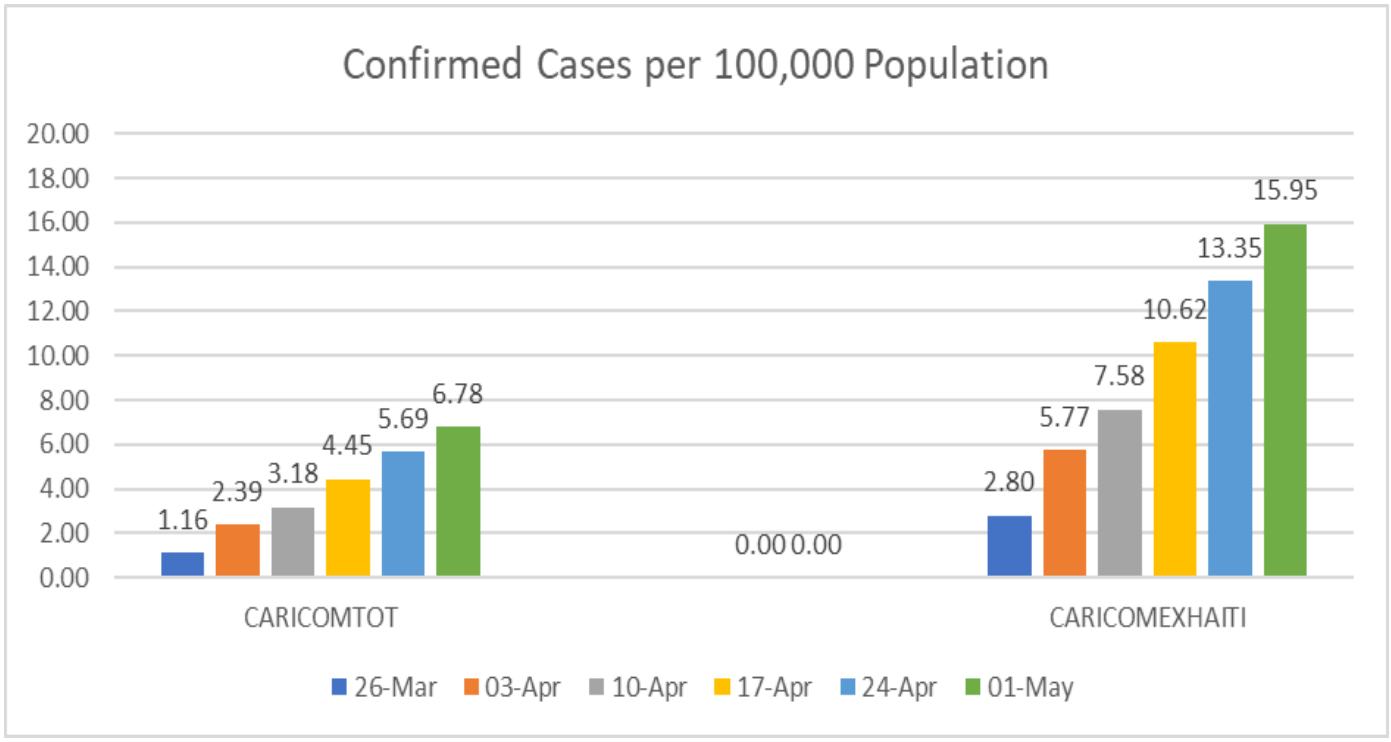


CHART 3B: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS

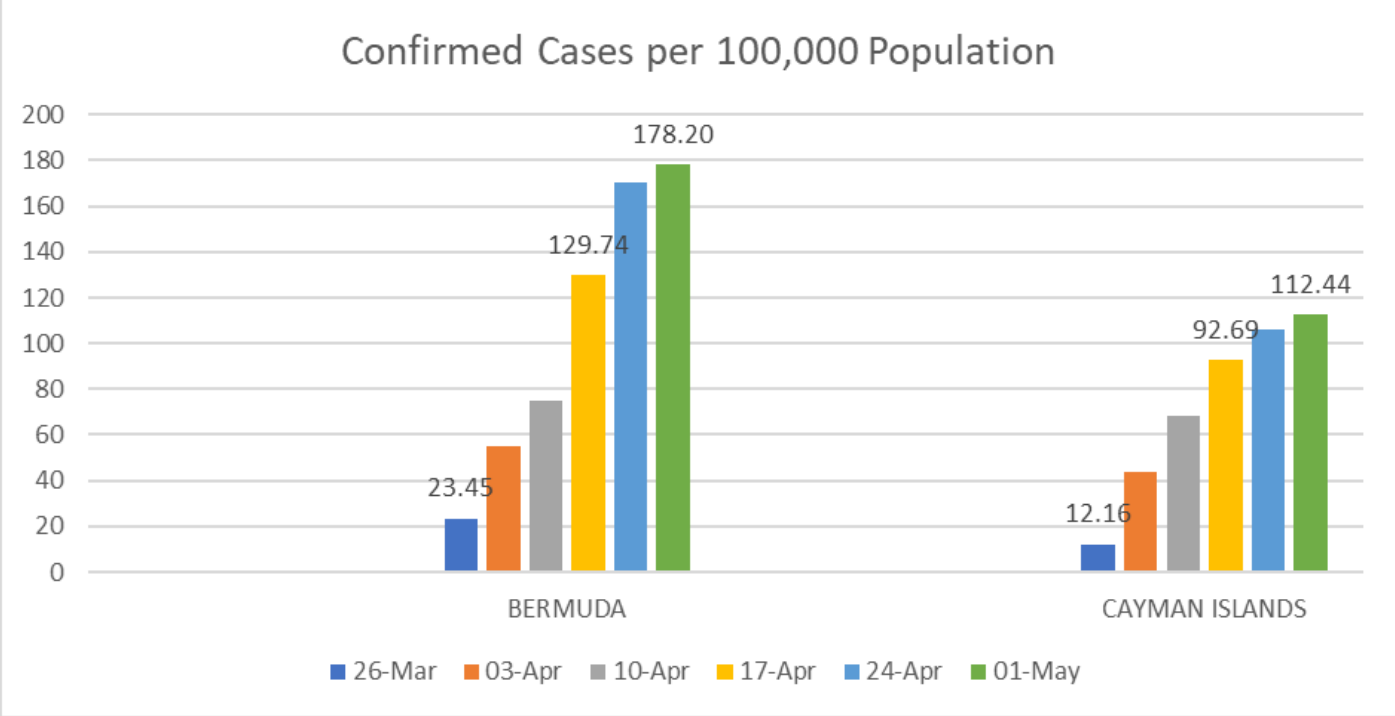


CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- HAITI

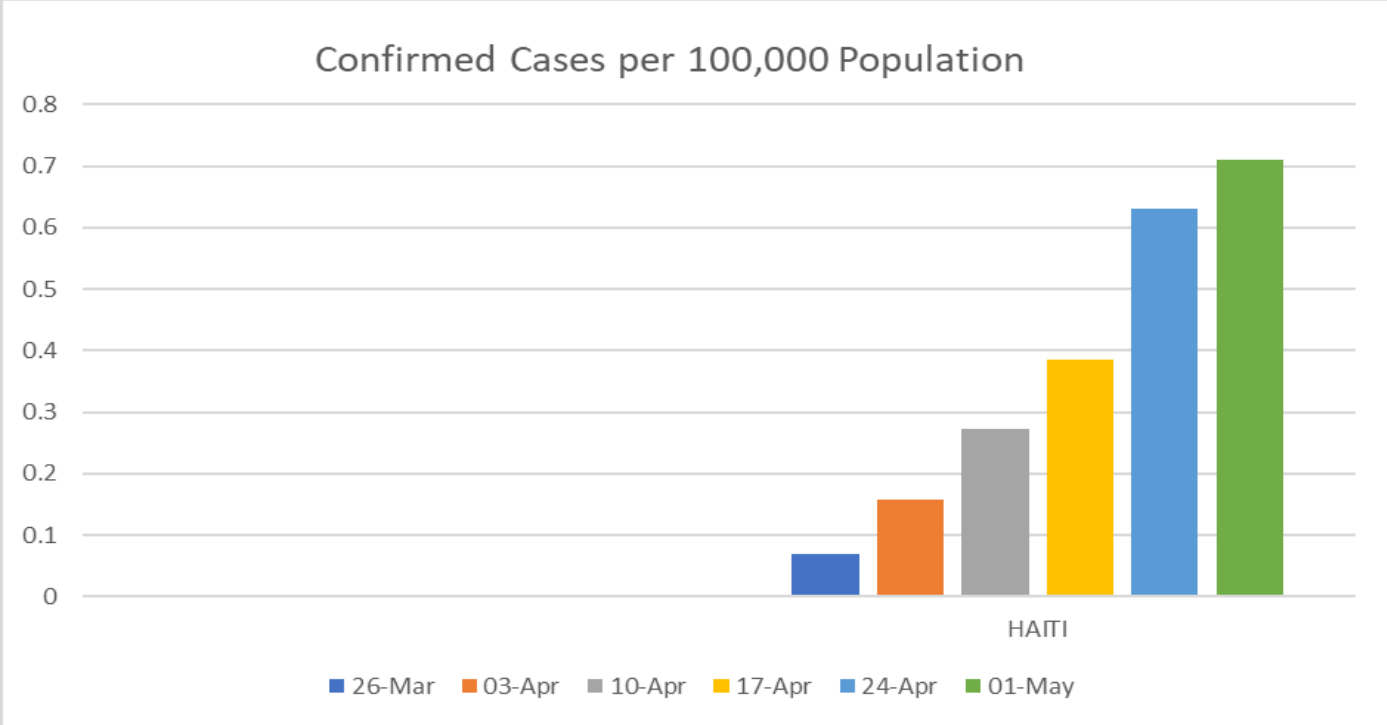


CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION - GUYANA, JAMAICA, TRINIDAD AND TOBAGO

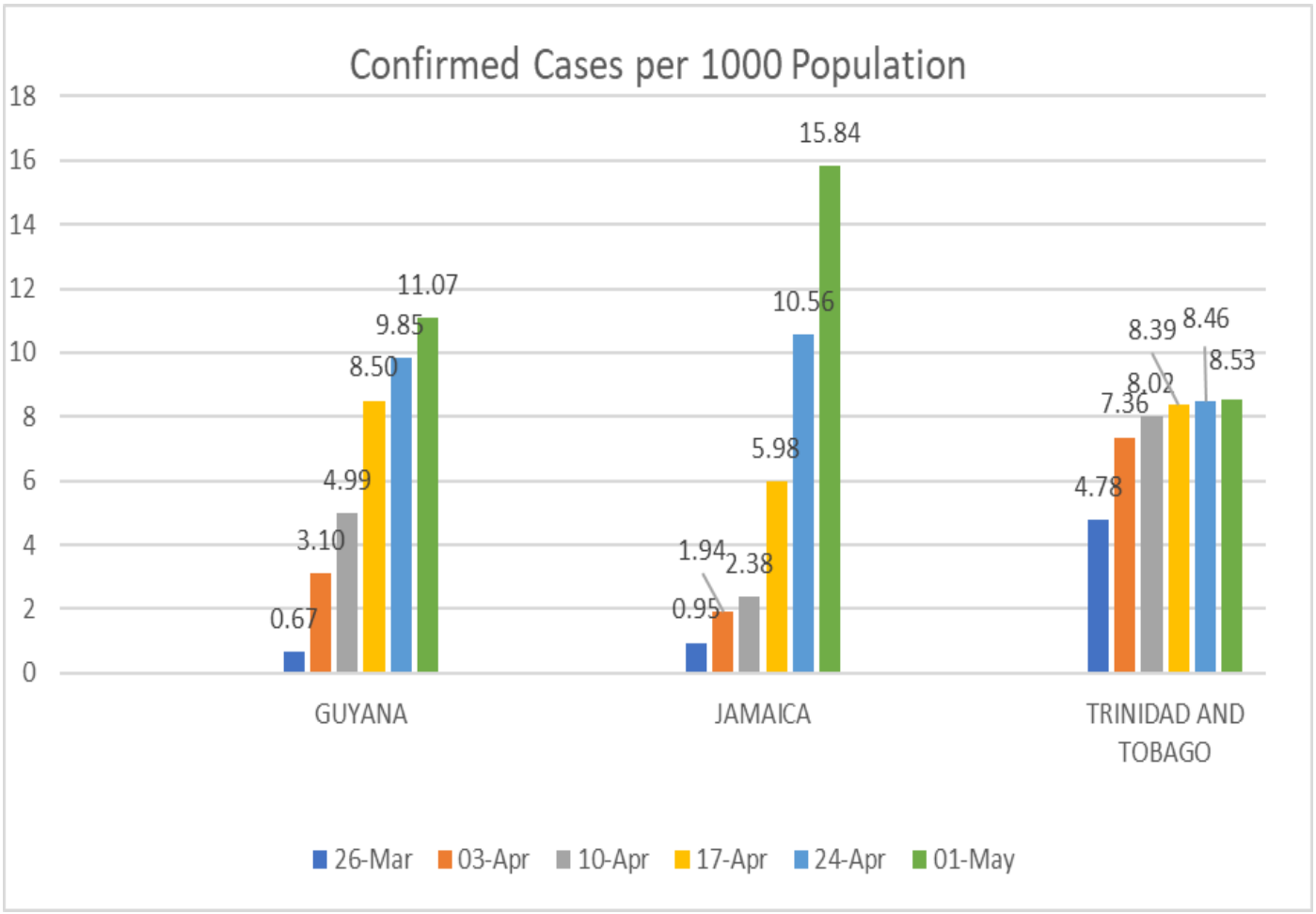


TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION

DEATHS PER 100,000 POPULATION						
COUNTRY	26-Mar	03-Apr	10-Apr	17-Apr	24-Apr	01-May
CARICOM -ALL COUNTRIES	0.02	0.10	0.24	0.27	0.33	0.37
CARICOM EXCLD HAITI	0.06	0.25	0.57	0.64	0.76	0.82
ANTIGUA AND BARBUDA	-	-	2.10	3.16	3.16	3.16
THE BAHAMAS	-	0.79	2.10	2.36	2.88	2.88
BARBADOS	-	-	1.46	1.82	2.18	2.55
BERMUDA	-	-	6.25	7.82	7.82	9.38
BELIZE	-	-	0.50	0.50	0.50	0.50
BRITISH VIRGIN ISLANDS	-	-	-	-	3.43	3.43
CAYMAN ISLANDS	1.52	1.52	1.52	1.52	1.52	1.52
GUYANA	0.13	0.54	0.81	0.81	1.08	1.21
HAITI	-	-	0.02	0.03	0.04	0.07
JAMAICA	0.04	0.11	0.15	0.18	0.26	0.29
MONTSERRAT	-	-	-	-	20.00	20.00
SURINAME	-	0.17	0.17	0.17	0.17	0.17
TRINIDAD & TOBAGO	0.07	0.44	0.59	0.59	0.59	0.59
TURKS AND CAICOS ISLANDS	-	-	2.42	2.42	2.42	2.42

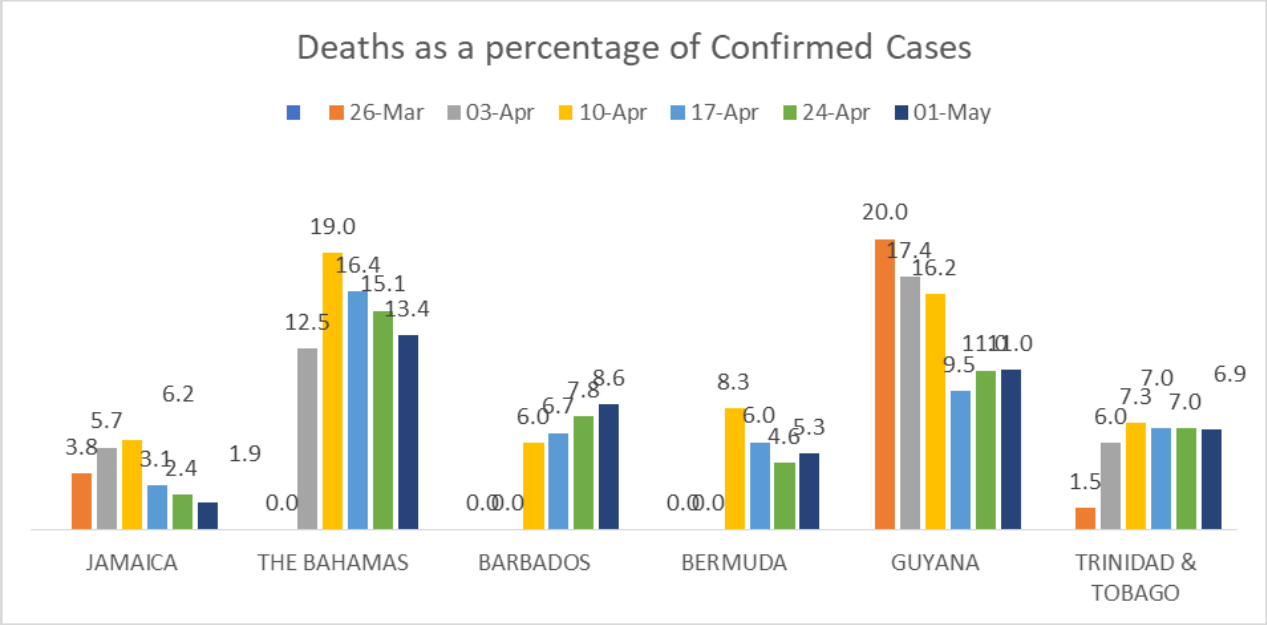
Note: The number of deaths per 100,000 population adjusted for population size.

TABLE 3A: DEATH RATES - DEATHS AS A PERCENTAGE OF THE NUMBER OF CONFIRMED CASES

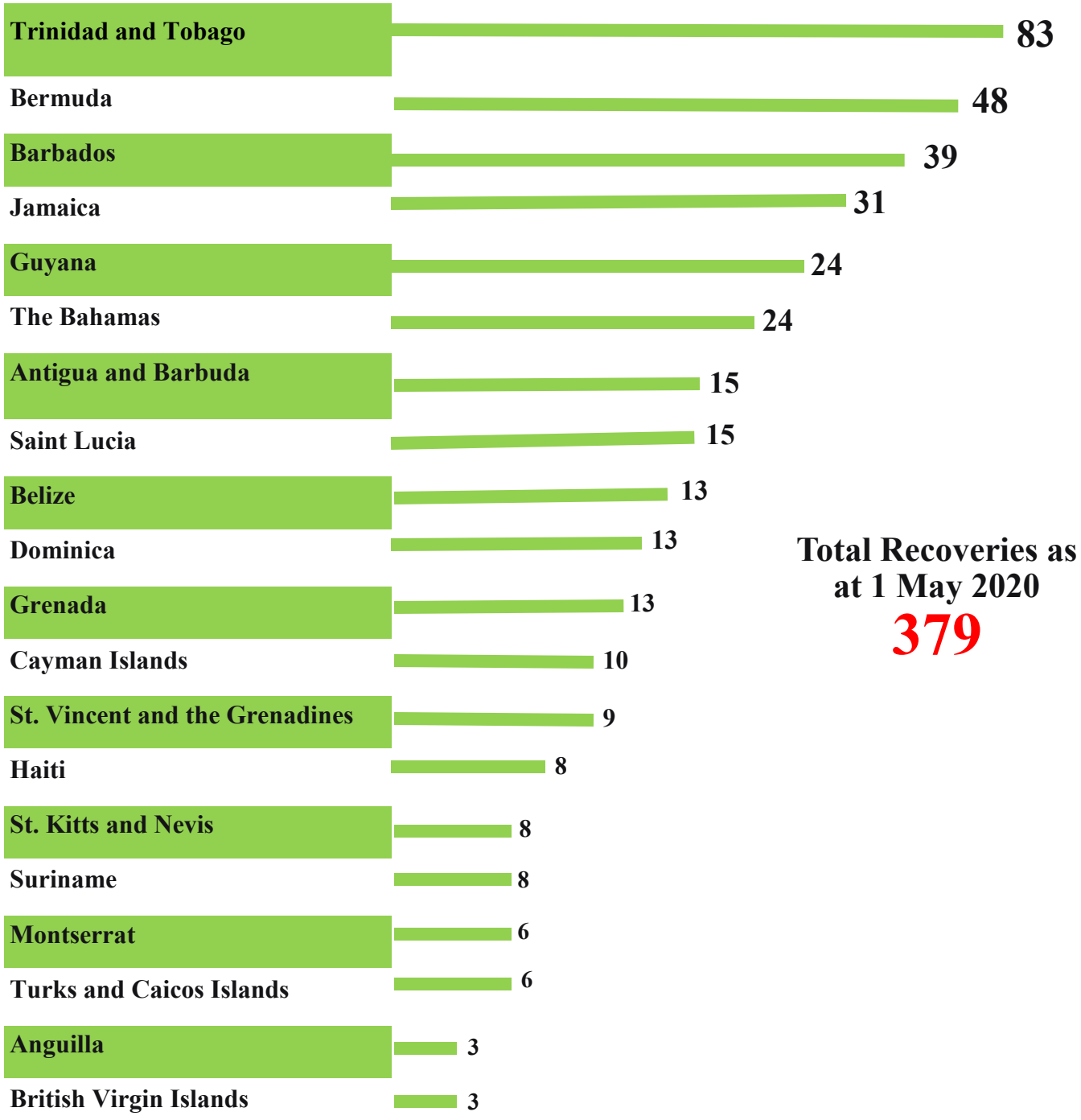
DEATHS TO CONFIRMED CASES						
COUNTRY	26-Mar	03-Apr	10-Apr	17-Apr	24-Apr	01-May
CARICOM -ALL COUNTRIES	1.9	4.1	7.5	6.1	5.8	5.4
ANTIGUA AND BARBUDA	-	-	9.5	13.0	12.5	12.0
THE BAHAMAS	-	12.5	19.0	16.4	15.1	13.4
BARBADOS	-	-	6.0	6.7	7.8	8.6
BERMUDA	-	-	8.3	6.0	4.6	5.3
BELIZE	-	-	20.0	11.1	11.1	11.1
BRITISH VIRGIN ISLANDS	-	-	-	-	20.0	16.7
CAYMAN ISLANDS	12.5	3.4	2.2	1.6	1.4	1.4
GUYANA	20.0	17.4	16.2	9.5	11.0	11.0
HAITI	-	-	6.5	6.8	6.9	9.9
JAMAICA	3.8	5.7	6.2	3.1	2.4	1.9
MONTSERRAT	-	-	-	-	9.1	9.1
SURINAME	-	10.0	10.0	10.0	10.0	10.0
TRINIDAD & TOBAGO	1.5	6.0	7.3	7.0	7.0	6.9
TURKS AND CAICOS ISLANDS	-	-	12.5	9.1	9.1	8.3

Note: The number of deaths to confirmed cases reflects a fatality rate that does not take the population size into consideration.

CHART 4: DEATHS AS A PERCENTAGE OF CONFIRMED CASES- SELECTED COUNTRIES



SUMMARY OF RECOVERED CASES AS AT 1 MAY 2020



Total Recoveries as at 1 May 2020

379

TABLE 4: ACTIVE CASES, RECOVERIES , NUMBER OF TESTS CONDUCTED AND HOSPITALISATIONS AS AT 1 MAY 2020

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPITALISATIONS
Trinidad and Tobago	116	83	25	1838	6
Bermuda	114	48	60	2791	16
Barbados	81	39	35	2317	-
Jamaica	432	31	393	4779	-
Guyana	82	24	49	582	-
The Bahamas	82	24	47	1313	9
Antigua and Barbuda	25	15	7	128	-
Saint Lucia	17	15	2	446	-
Belize	18	13	3	1043	-
Dominica	16	13	3	383	-
Grenada	20	13	6	1406	-
Cayman Islands	74	10	63	1927	-
St Vincent and the Grenadines	16	9	7	108	-
Haiti	81	8	65	827	-
St. Kitts and Nevis	15	8	7	294	0
Suriname	10	8	1	404	-
Montserrat	11	6	3	61	0
Turks and Caicos Islands	12	6	4	101	-
Anguilla	3	3	0	-	0
British Virgin Islands	6	3	2	-	-
					-

Note: Table is sorted by descending order of recoveries. All confirmed cases for Anguilla have recovered

CHART 5A: ACTIVE CASES AND RECOVERIES - SELECTED COUNTRIES- BARBADOS

As at 1 MAY 2020

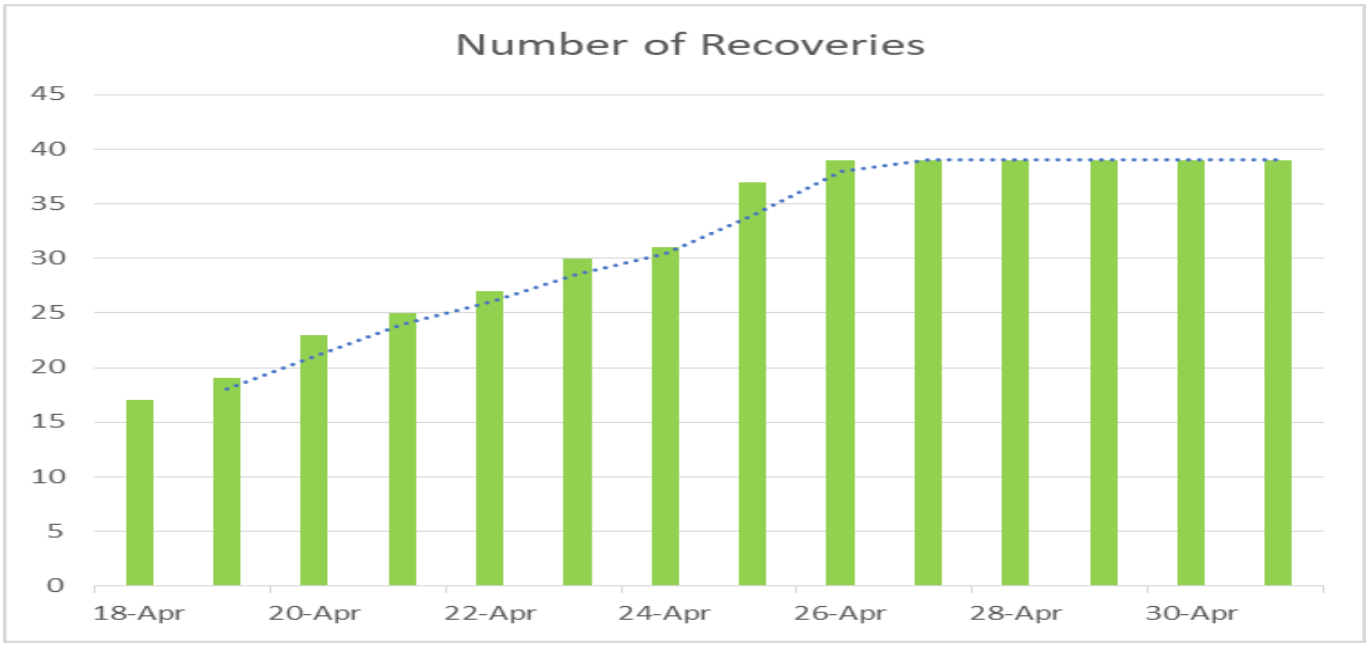


CHART 5B: ACTIVE CASES AND RECOVERIES—SELECTED COUNTRIES- BARBADOS

As at 1 MAY 2020

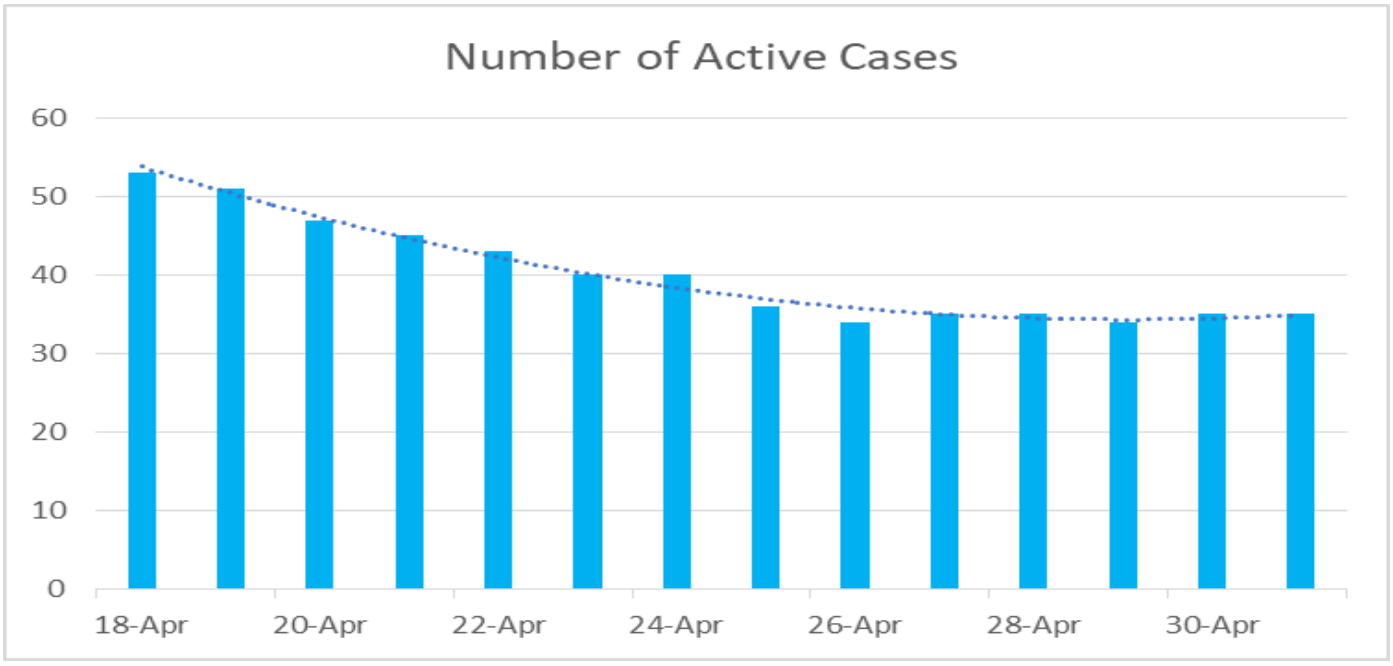


CHART 5C: ACTIVE CASES AND RECOVERIES - SELECTED COUNTRIES- JAMAICA

As at 1 MAY 2020

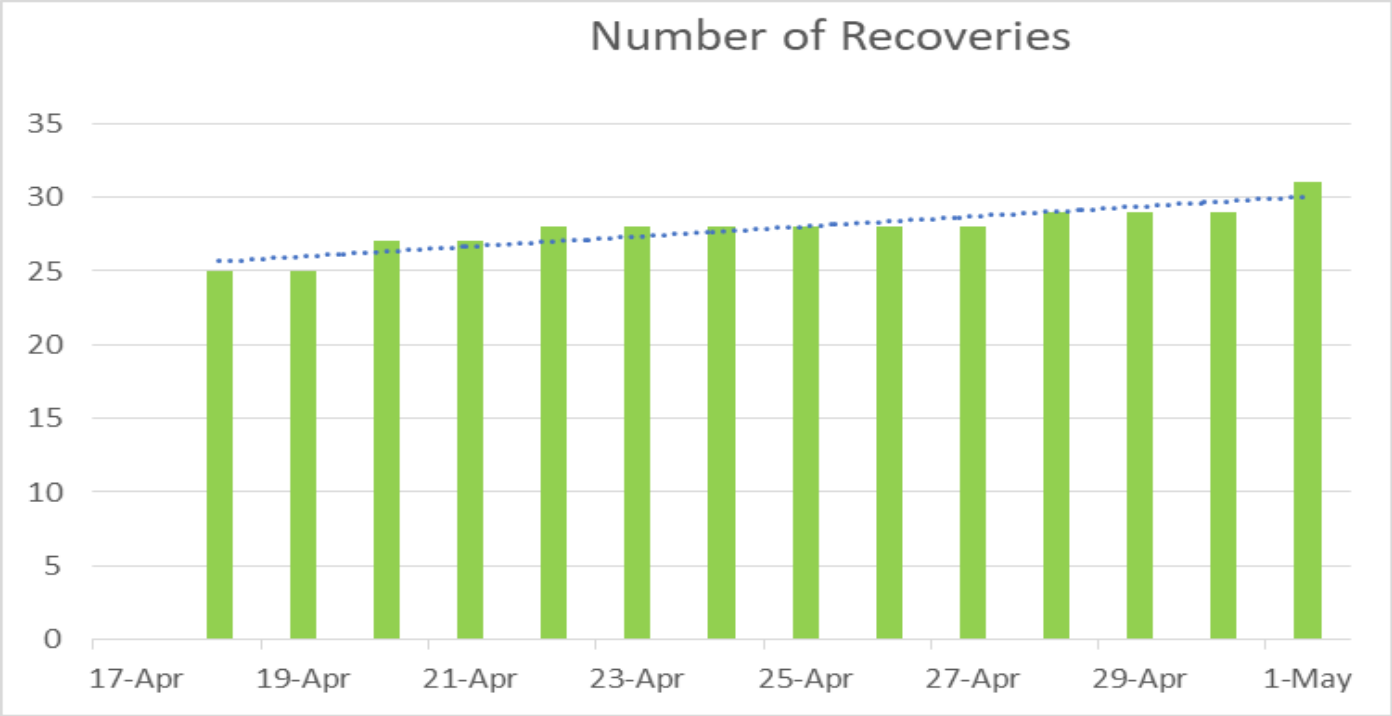


CHART 5D: ACTIVE CASES AND RECOVERIES -SELECTED COUNTRIES- JAMAICA

As at 1 MAY 2020

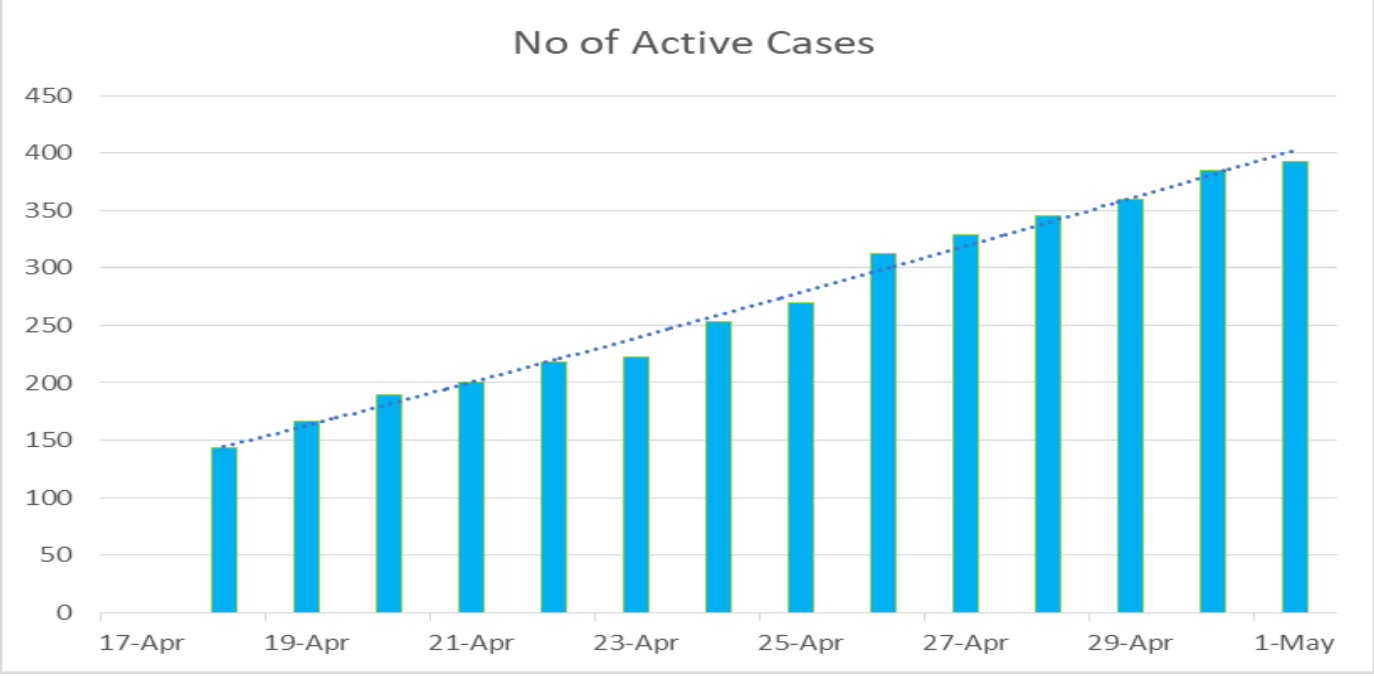


CHART 5E: ACTIVE CASES AND RECOVERIES SELECTED COUNTRIES- TRINIDAD AND TOBAGO

As at 1 MAY 2020

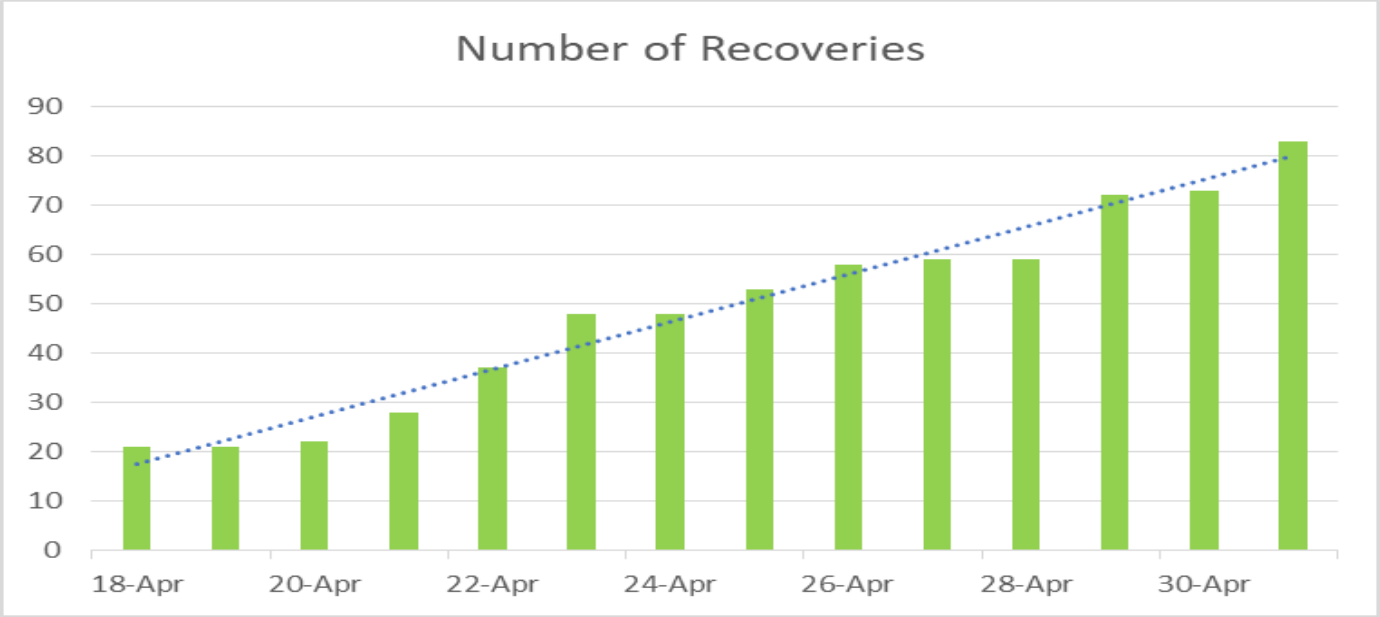


CHART 5F: ACTIVE CASES AND RECOVERIES SELECTED COUNTRIES- TRINIDAD AND TOBAGO

As at 1 MAY 2020

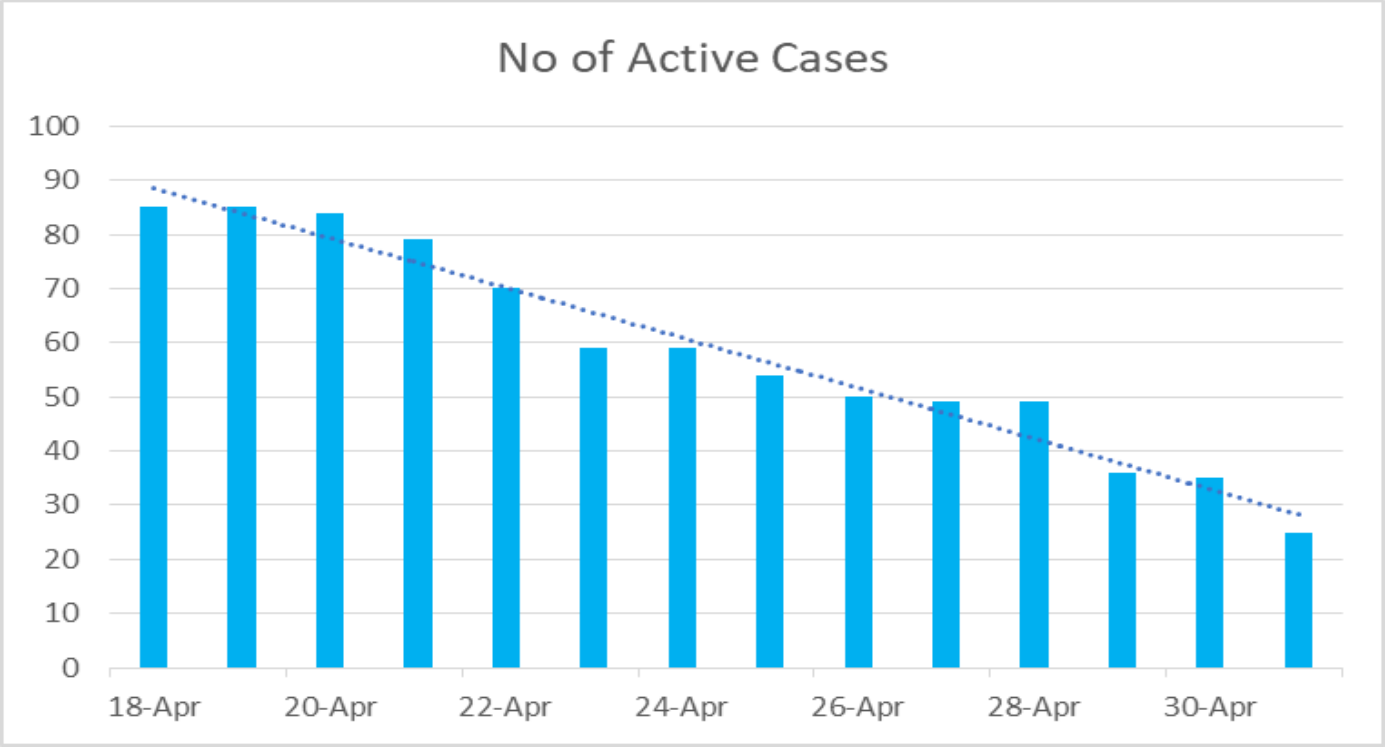


CHART 5G: ACTIVE CASES AND RECOVERIES—SELECTED COUNTRIES-BERMUDA

As at 1 MAY 2020

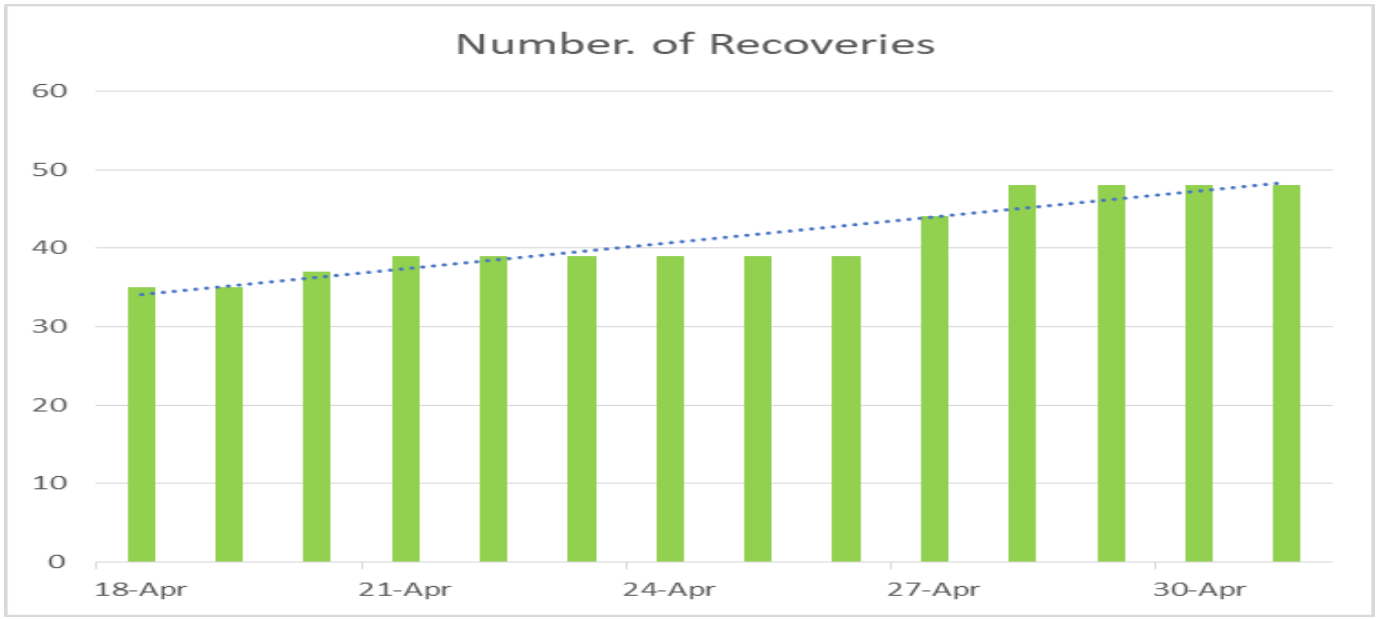


CHART 5H: ACTIVE CASES AND RECOVERIES—SELECTED COUNTRIES-BERMUDA

As at 1 MAY 2020

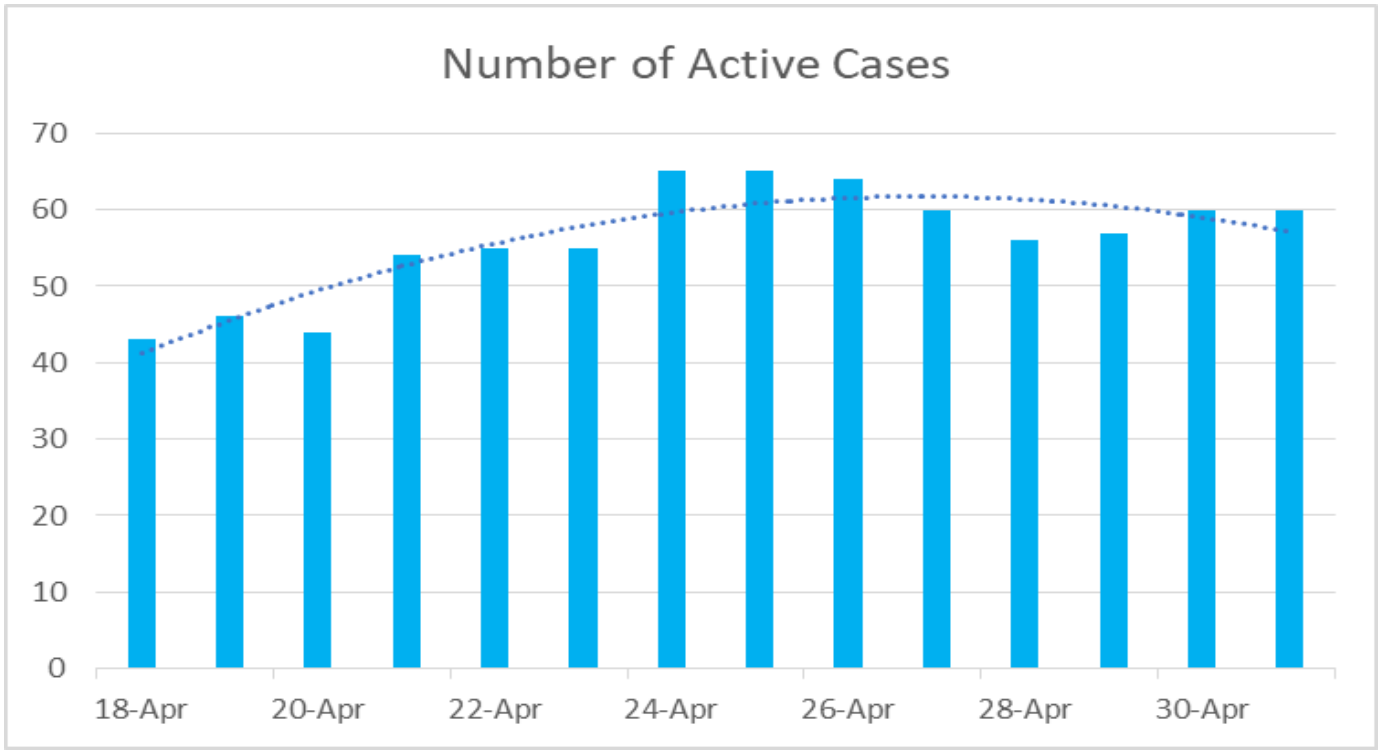


CHART 6: NUMBER OF TESTS PER 100,000 POPULATIONS– BARBADOS, JAMAICA AND TRINIDAD AND TOBAGO –18 APRIL –1 MAY 2020

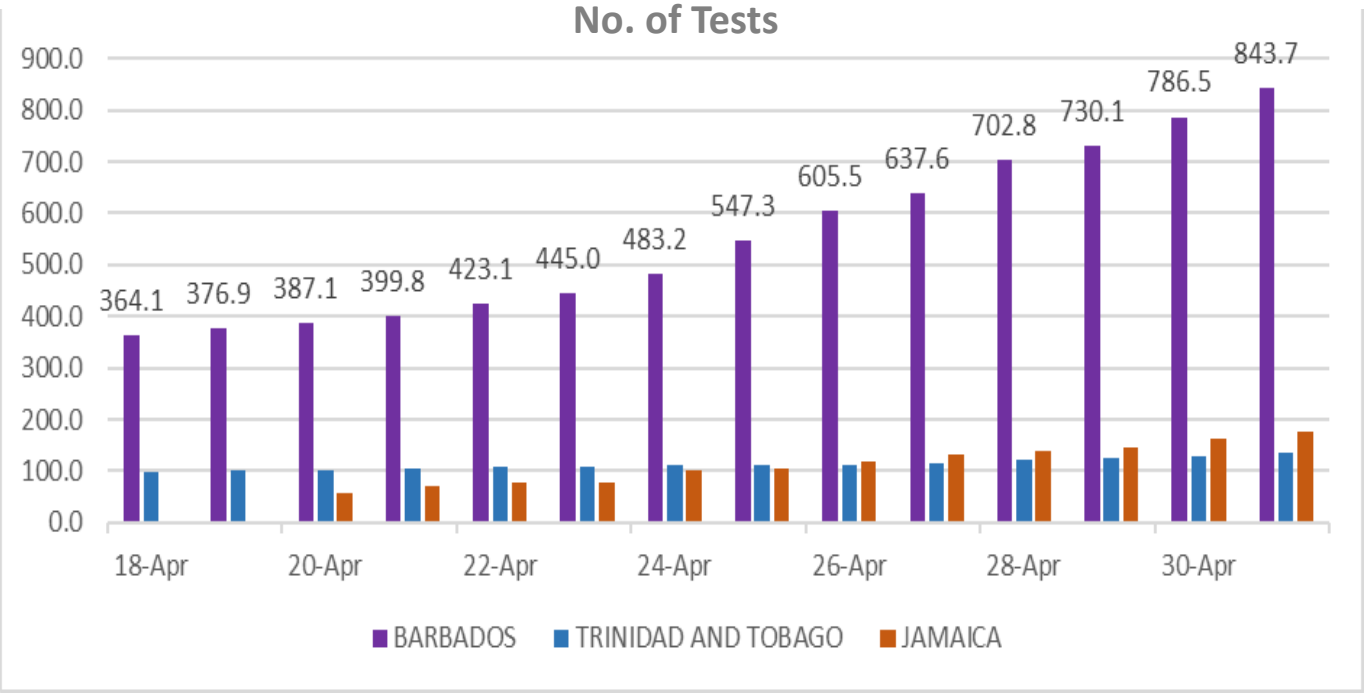


CHART 6A: NUMBER OF TESTS PER 100,000 POPULATIONS – BERMUDA

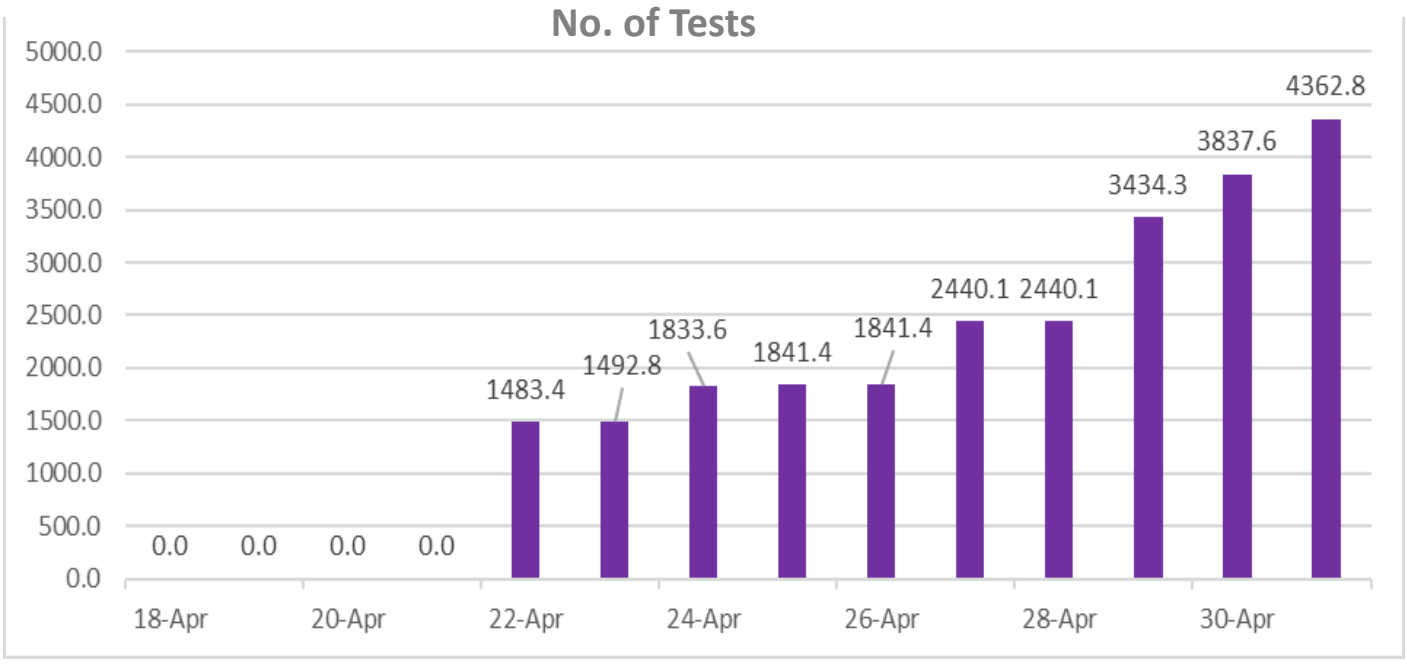


Table 5: NUMBER OF TESTS AND RATE PER 100,000 POPULATION – BARBADOS, BERMUDA, JAMAICA AND TRINIDAD AND TOBAGO

18 APRIL - 1 MAY 2020

	JAMAICA		BARBADOS		TRINIDAD AND TOBAGO		BERMUDA	
Date	No. of tests	No. of tests per 100,000 population	No. of tests	No. of tests per 100,000 population	No. of tests	No. of tests per 100,000 population	No. of tests	No. of tests per 100,000 population
18-Apr	-	-	1000	364.1	1335	98.2	-	-
19-Apr	-	-	1035	376.9	1357	99.8	-	-
20-Apr	1605	58.8	1063	387.1	1380	101.5	-	-
21-Apr	1936	71.0	1098	399.8	1424	104.8	-	-
22-Apr	2125	77.9	1162	423.1	1454	107.0	949	1483.4
23-Apr	2125	77.9	1222	445.0	1473	108.4	955	1492.8
24-Apr	2751	100.9	1327	483.2	1501	110.4	1173	1833.6
25-Apr	2867	105.1	1503	547.3	1514	111.4	1178	1841.4
26-Apr	3262	119.6	1663	605.5	1525	112.2	1178	1841.4
27-Apr	3621	132.8	1751	637.6	1572	115.7	1561	2440.1
28-Apr	3807	139.6	1930	702.8	1642	120.8	1561	2440.1
29-Apr	3993	146.4	2005	730.1	1683	123.8	2197	3434.3
30-Apr	4439	162.7	2160	786.5	1772	130.4	2455	3837.6
01-May	**4779**	**175.2**	**2317**	**843.7**	**1838**	**135.2**	**2791**	**4362.8**

Table 5A: NUMBER OF TESTS AND RATE PER 100,000 POPULATION – SELECTED COUNTRIES AS AT 1 MAY 2020

COUNTRY	No. of Tests	No. of Tests per 100,000 Population
Cayman Islands	1927	2928.0
Grenada	1406	1261.4
The Bahamas	1313	344.3
Belize	1043	262.0
Haiti	827	7.2
Guyana	582	78.5
Saint Lucia	446	249.2
Suriname	404	69.3
Dominica	383	531.9
St Kitts and Nevis	294	554.7
Antigua and Barbuda	128	134.7
St Vincent and the Grenadines	108	97.3
Turks and Caicos Islands	101	24.5
Montserrat	61	1220.0

TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 1 MAY 2020

Country	Imported Transmission 	Local Transmission 	Community Transmission 	Under Investigation 
Trinidad and Tobago	84	24	1	7
Guyana	4	78	0	0
Bermuda	38	59	0	17
Jamaica	35	145	9	243

Jamaica classifies the mode of transmission as Imported, Local Transmission linked to a Confirmed Case, Local Transmission no epidemiological Link.

General—Please see Issue 2 for Explanations on Mode of Transmission

TABLE 7: CONFIRMED CASES BY SEX - SELECTED COUNTRIES AS AT 1 MAY 2020

Country			Not Stated
Jamaica	166	266	
Barbados	43	38	
Trinidad and Tobago	46	63	7
Bermuda	46	68	
Haiti	51	30	
Belize	9	9	

Note: Data for Barbados has been corrected.

CHART 7: ANTIGUA AND BARBUDA

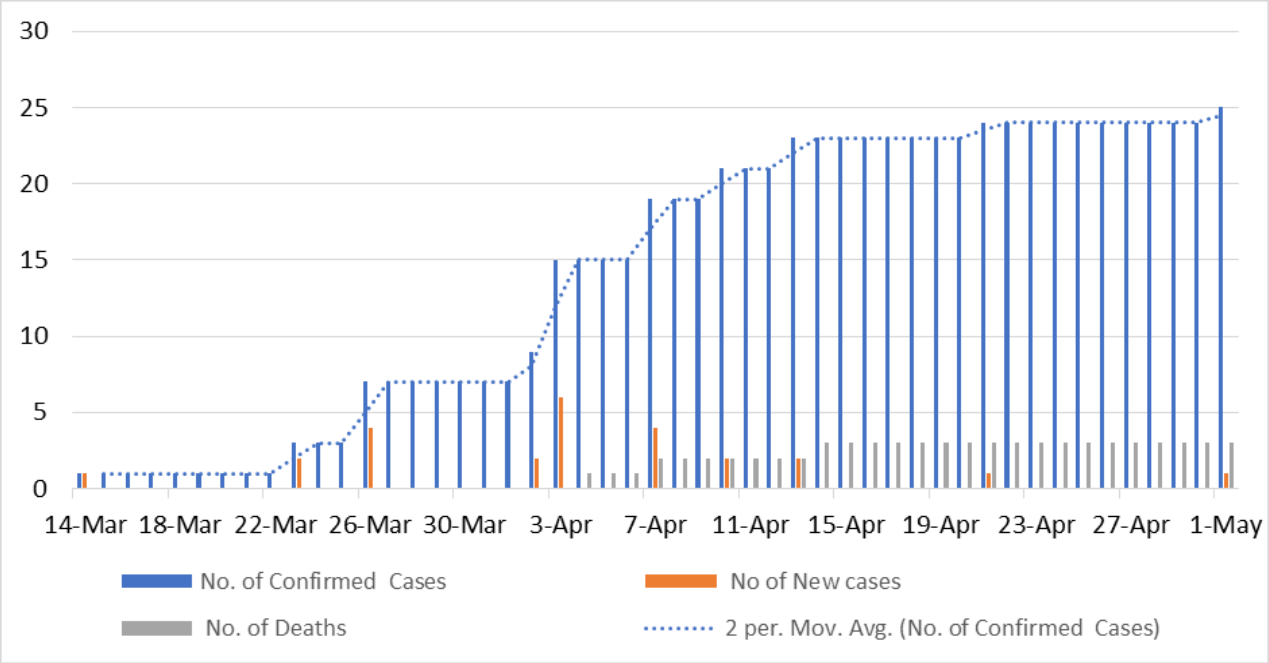


CHART 7A: ANTIGUA AND BARBUDA

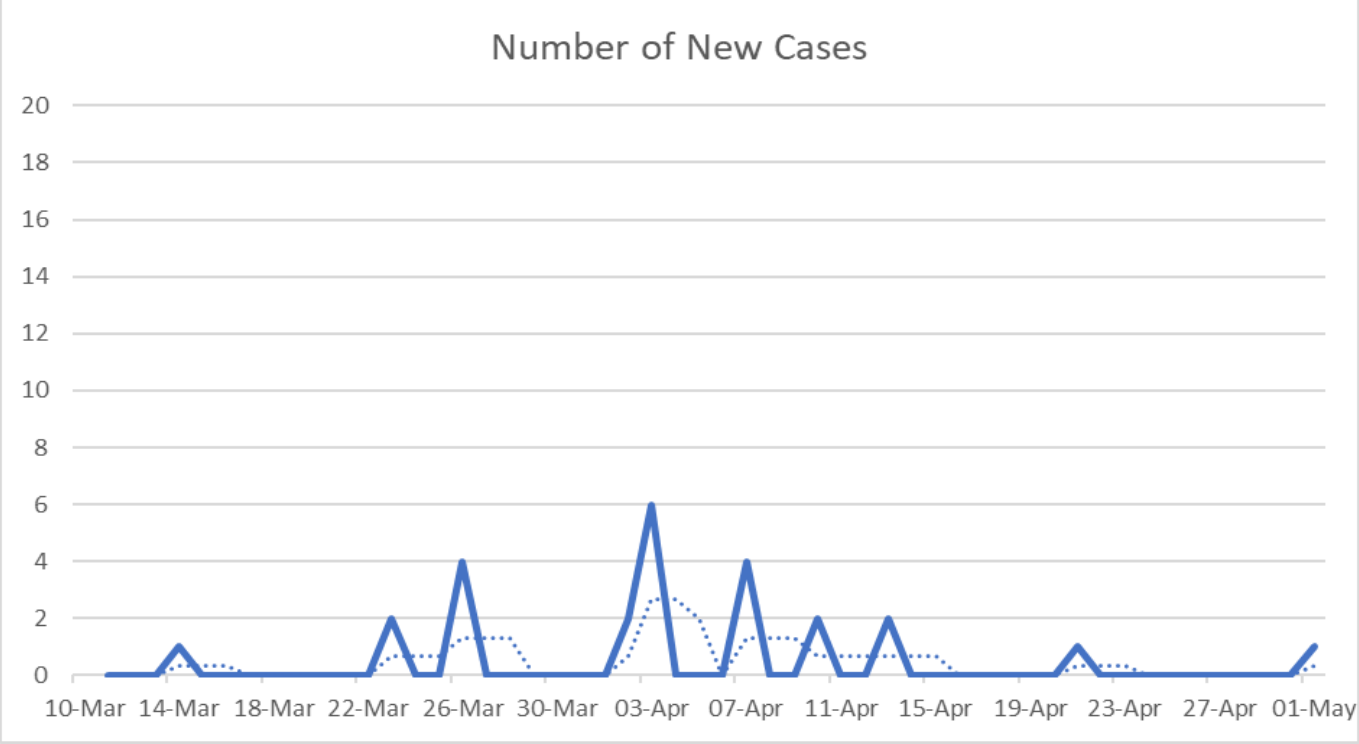


CHART 8: THE BAHAMAS

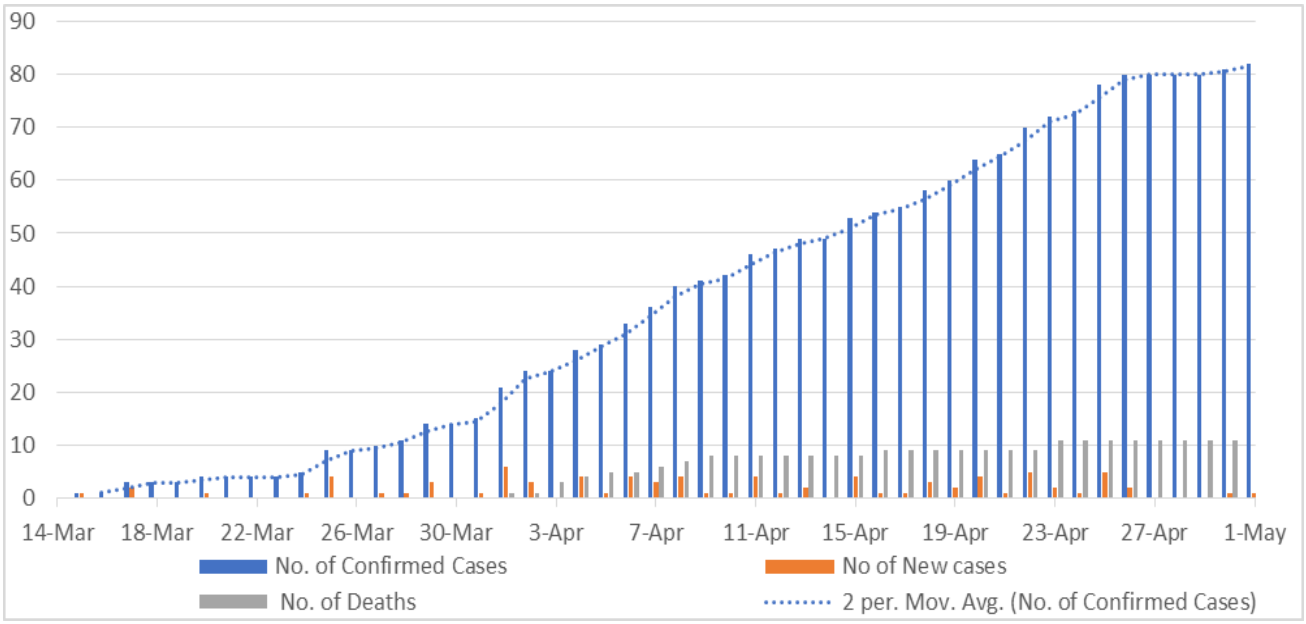


CHART 8A: THE BAHAMAS

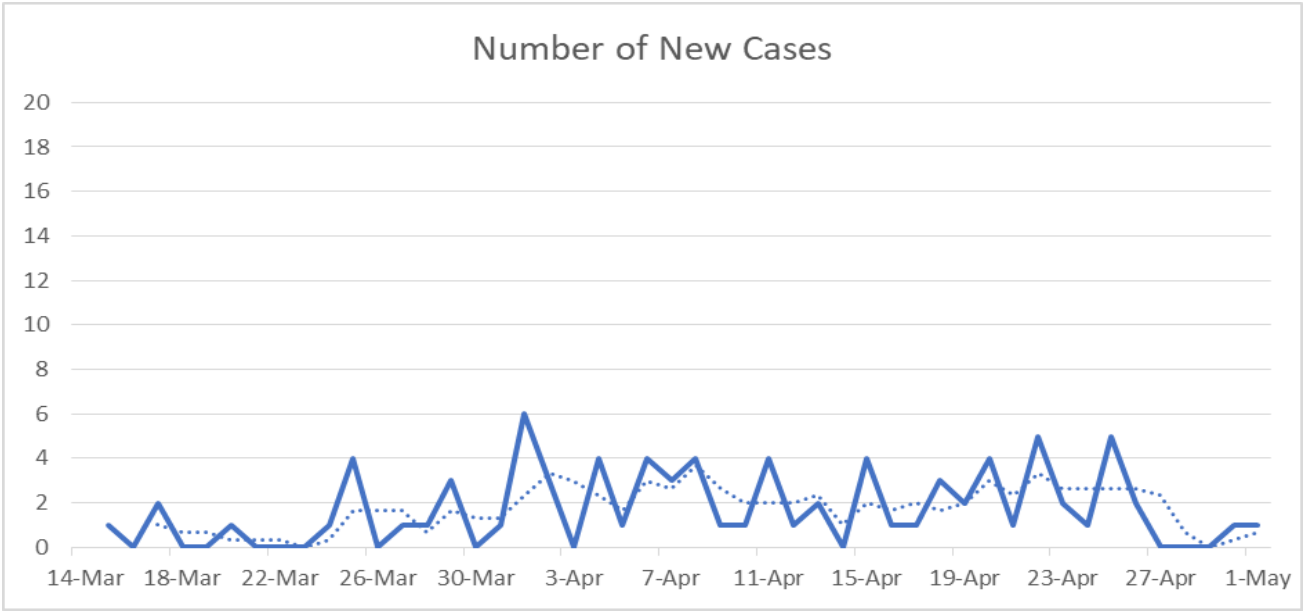


CHART 9: BARBADOS

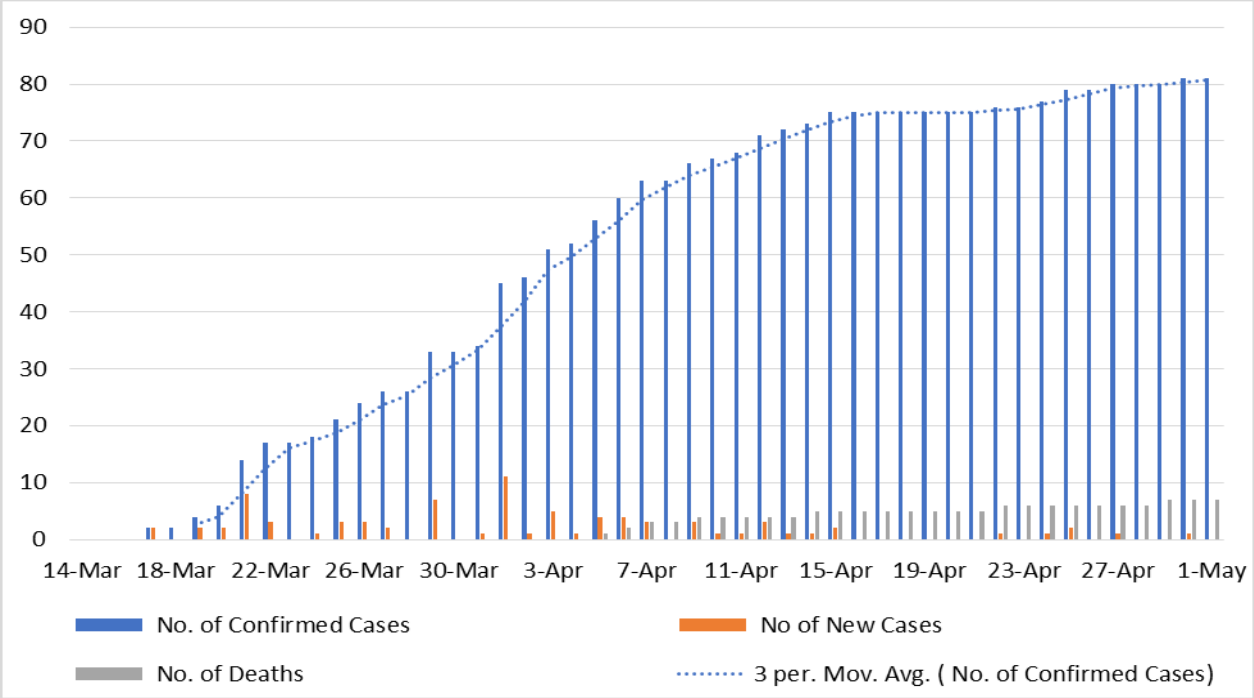


CHART 9A: BARBADOS

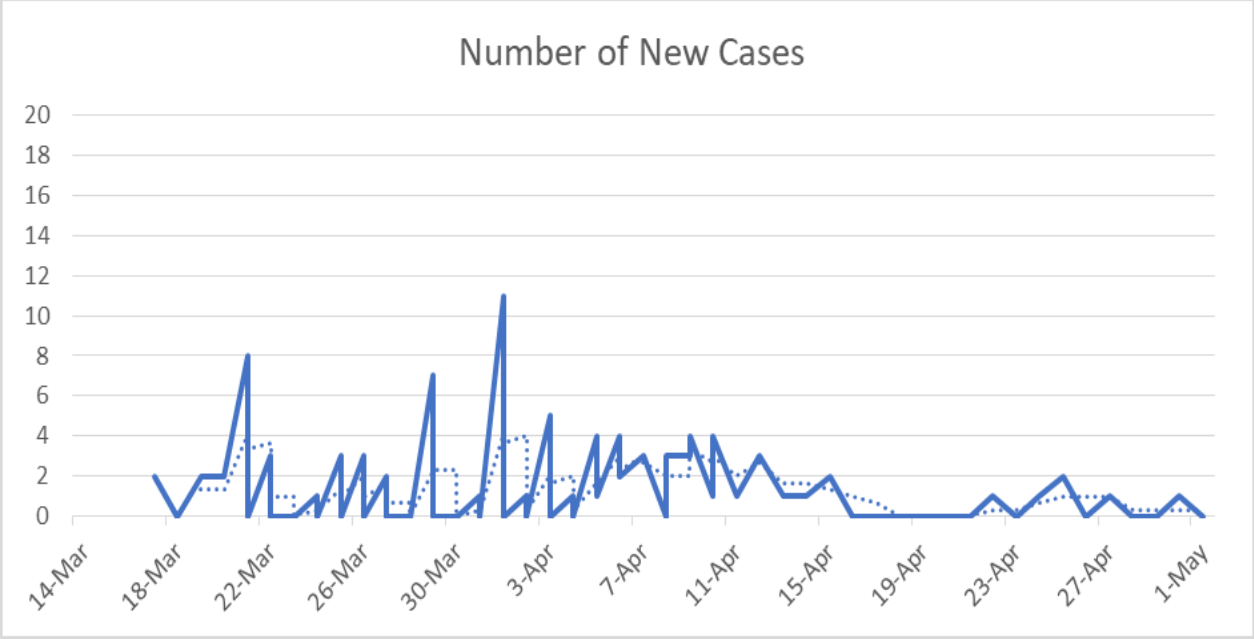


CHART 10: BELIZE

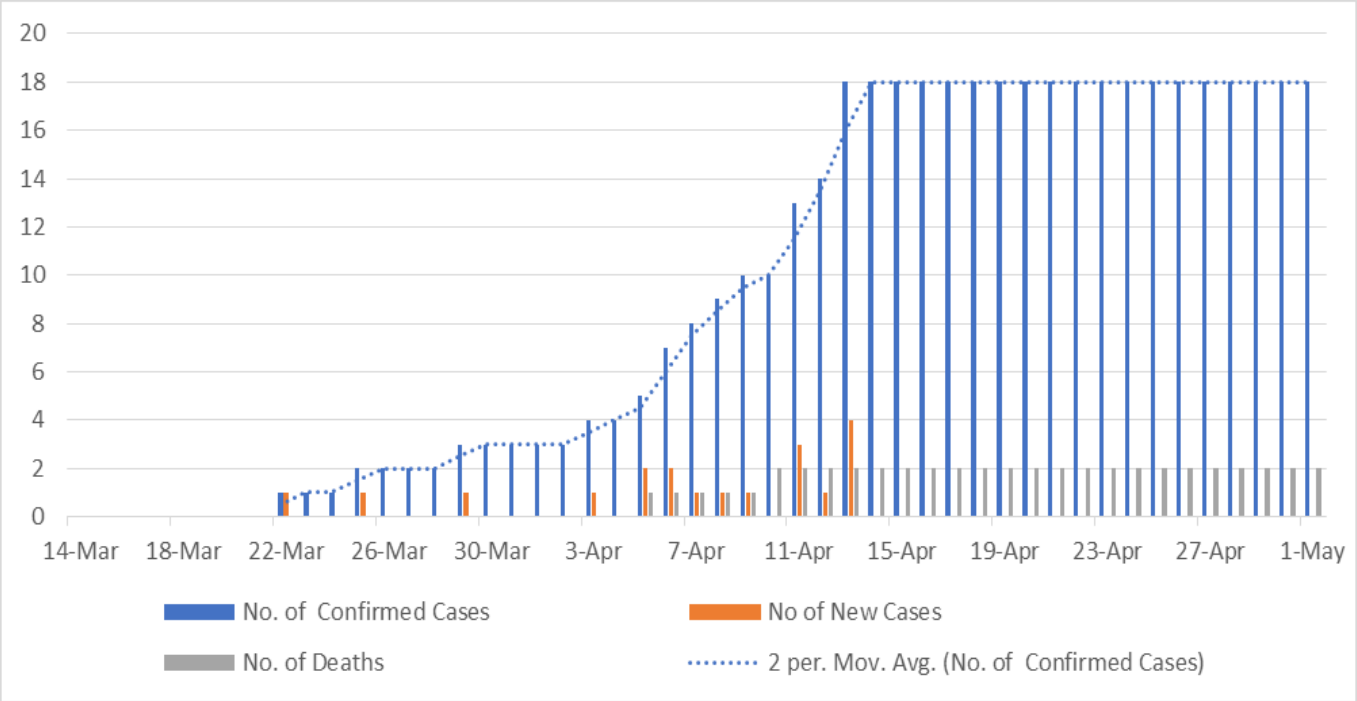


CHART 10A: BELIZE

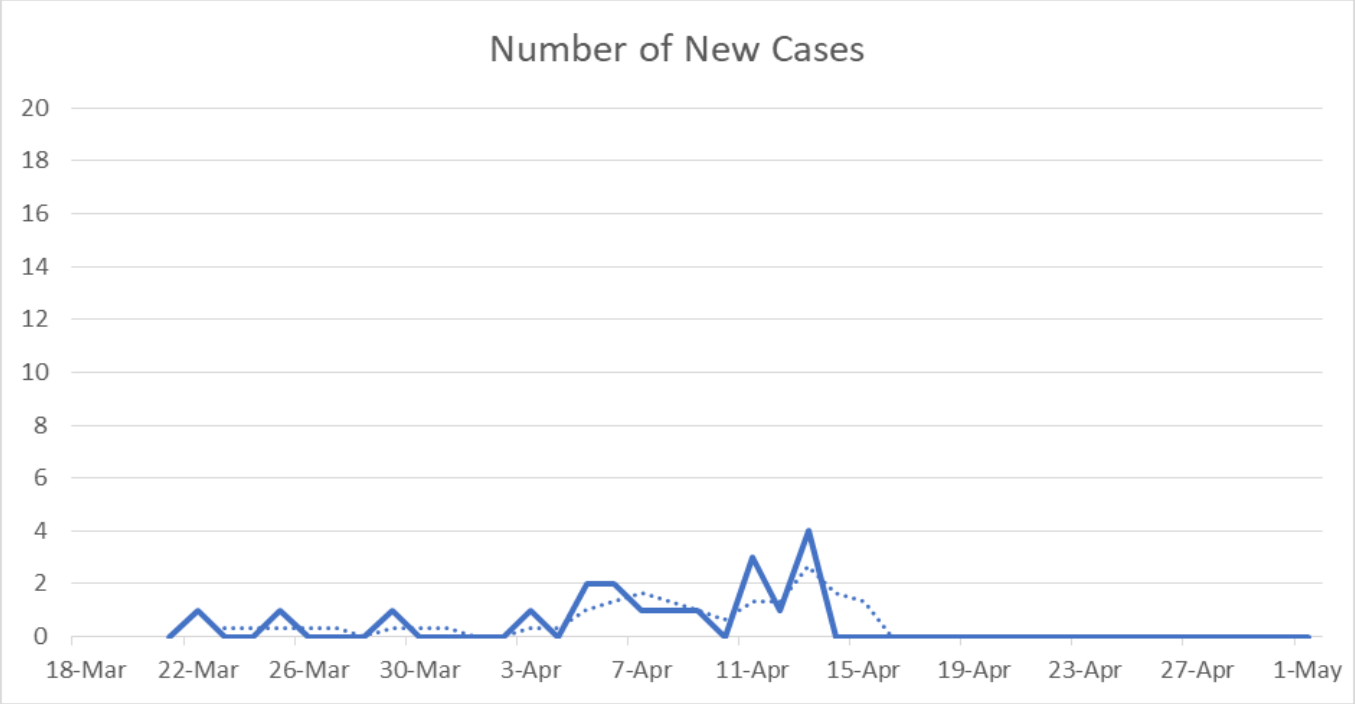


CHART 11: DOMINICA

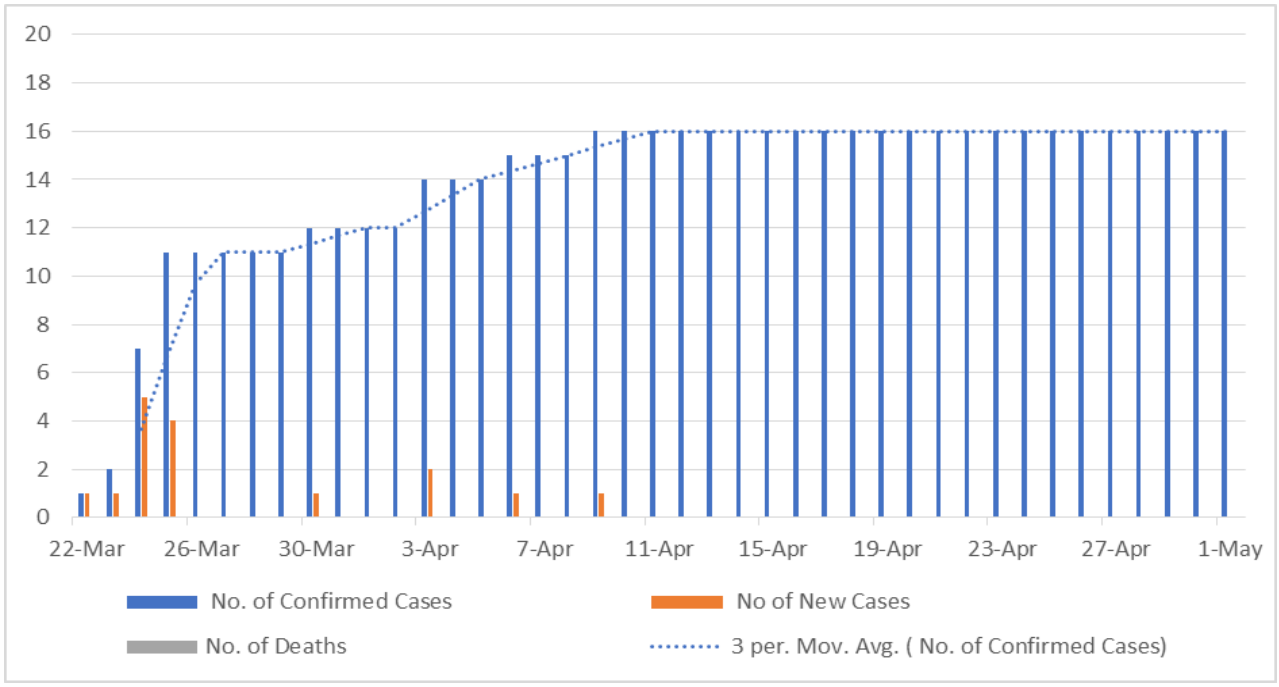


CHART 11A: DOMINICA

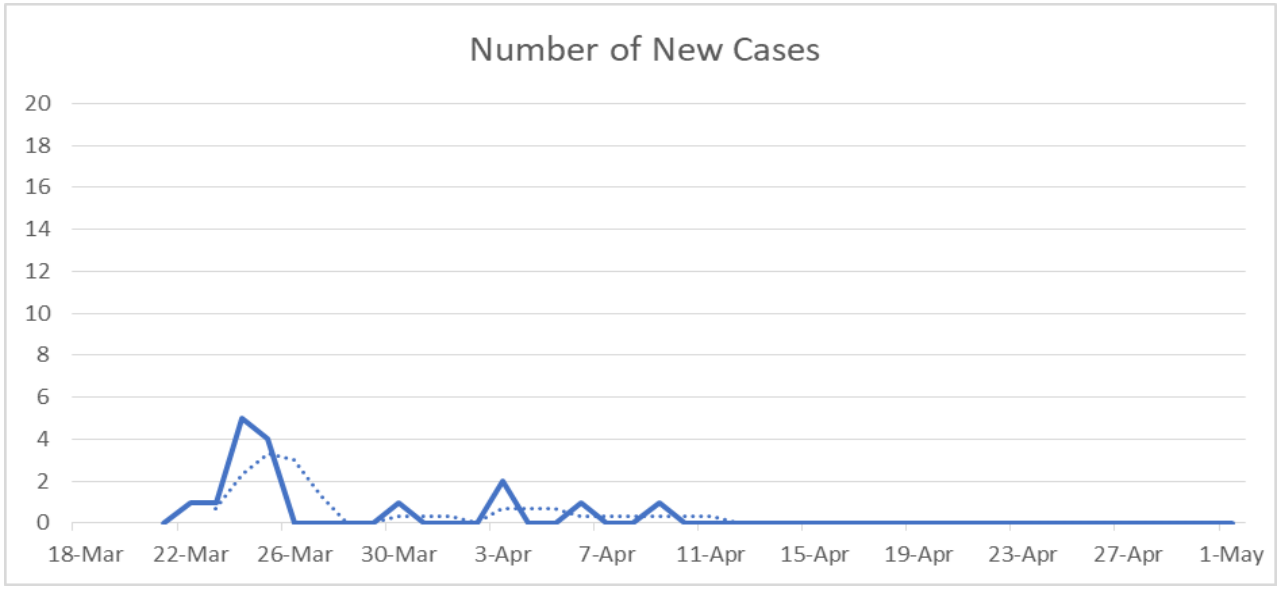


CHART 12: GRENADA

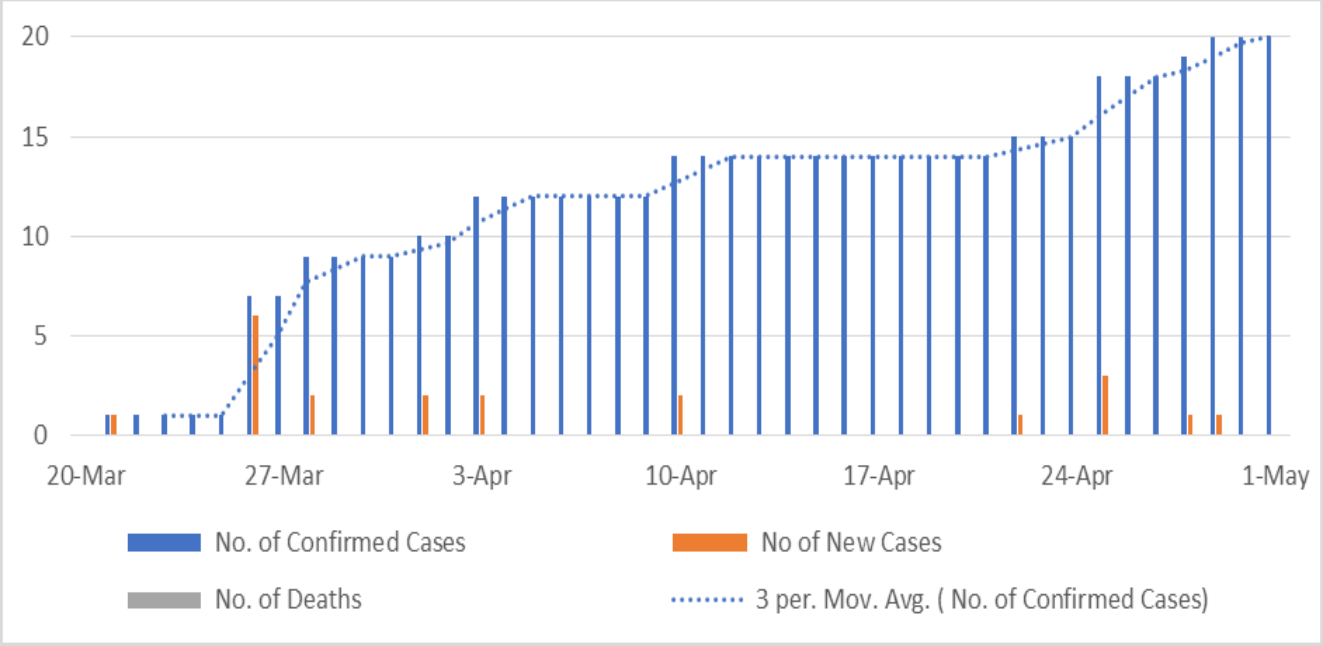


CHART 12A: GRENADA

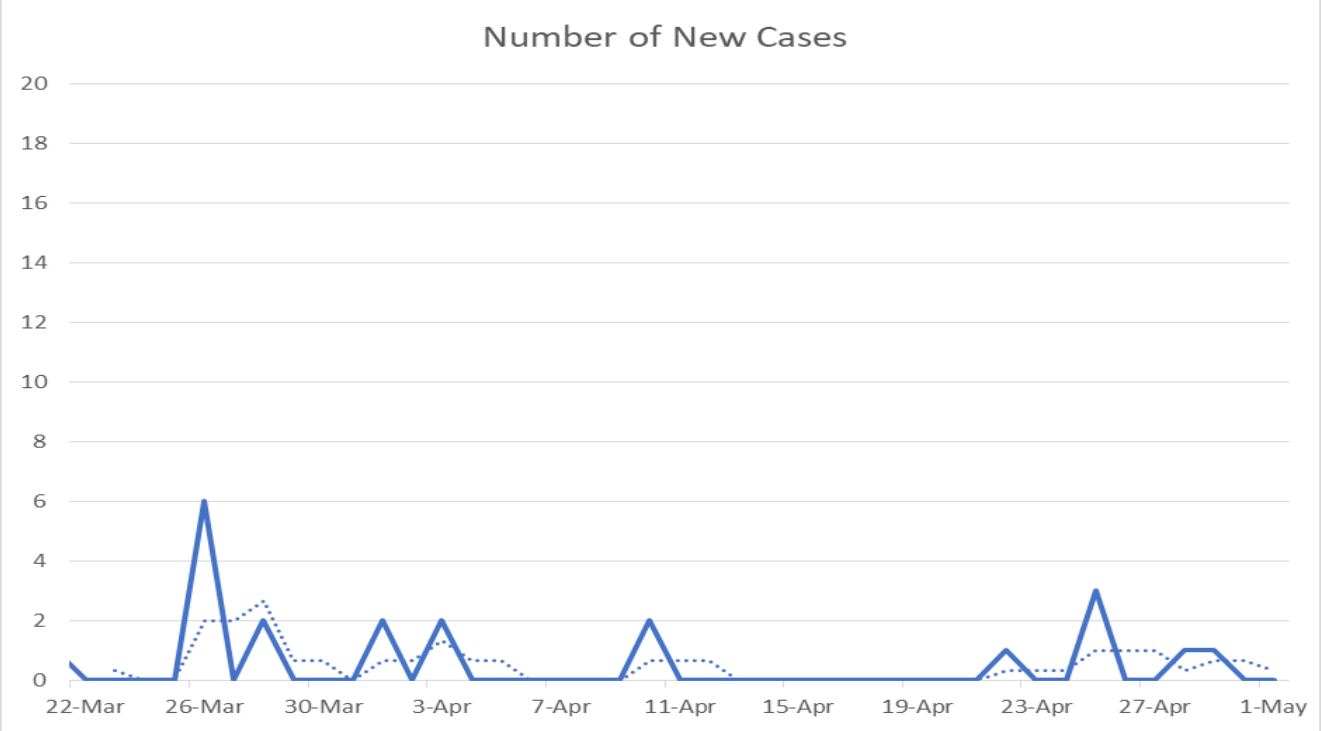


CHART 13: GUYANA

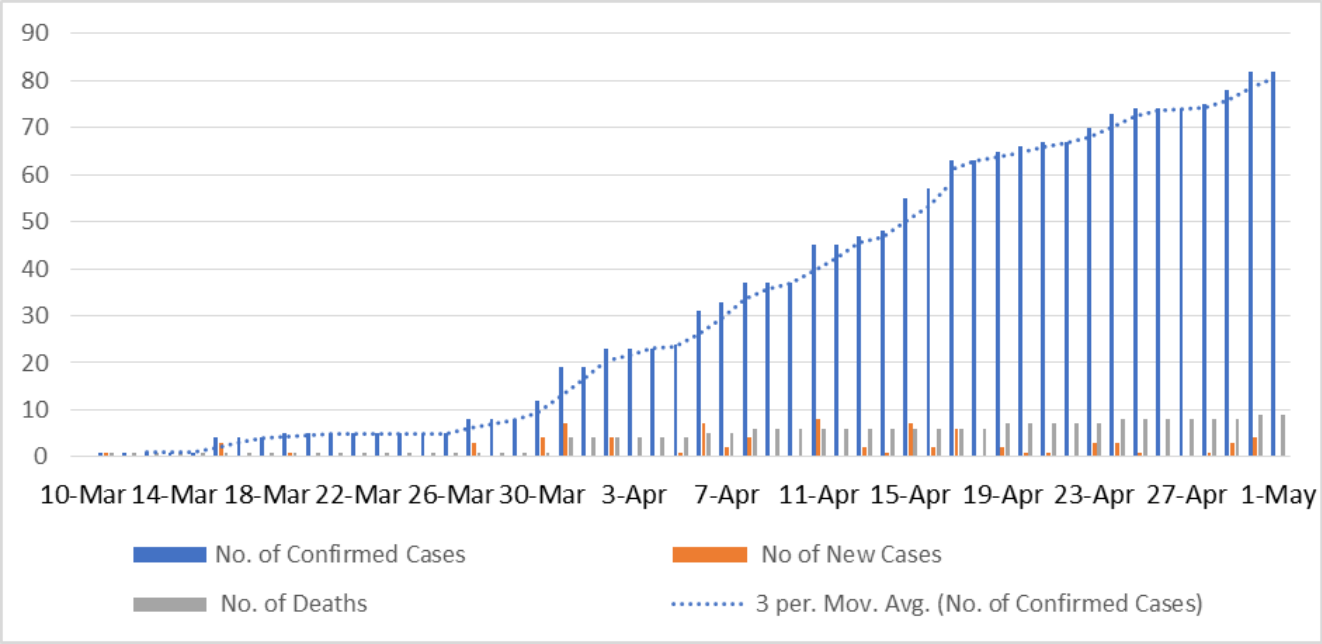


CHART 13A: GUYANA

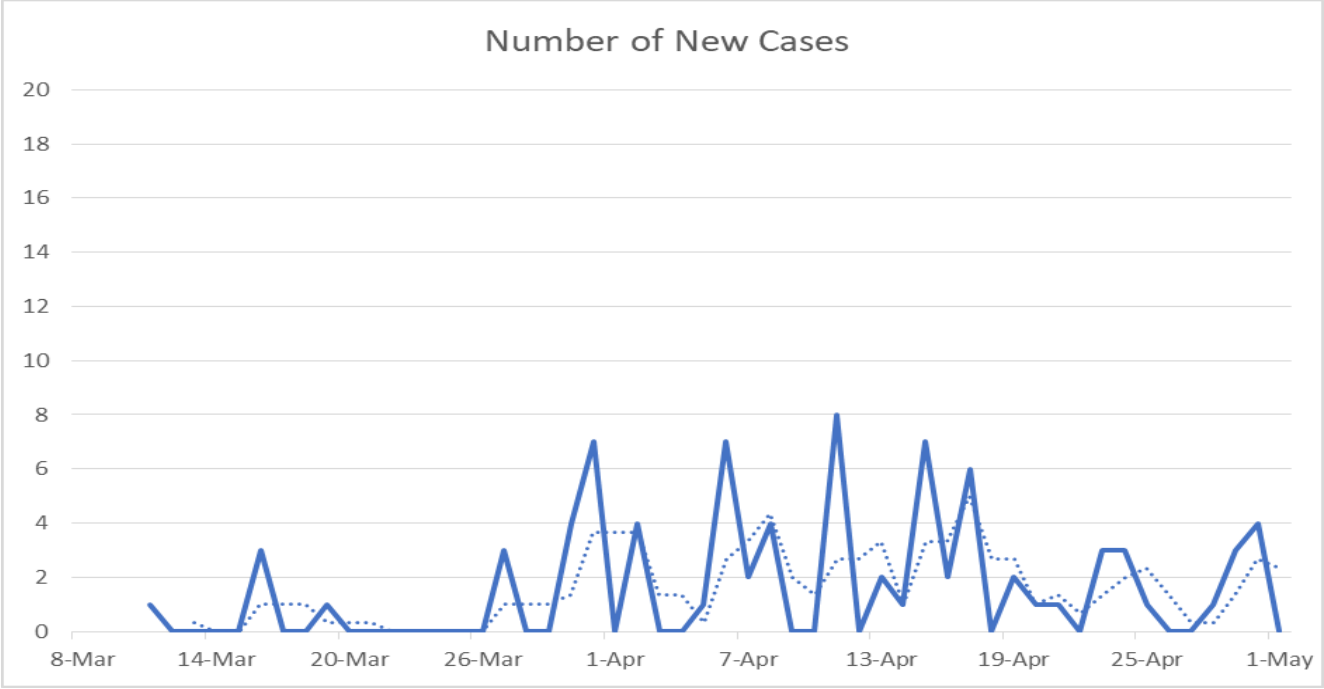


CHART 14: HAITI

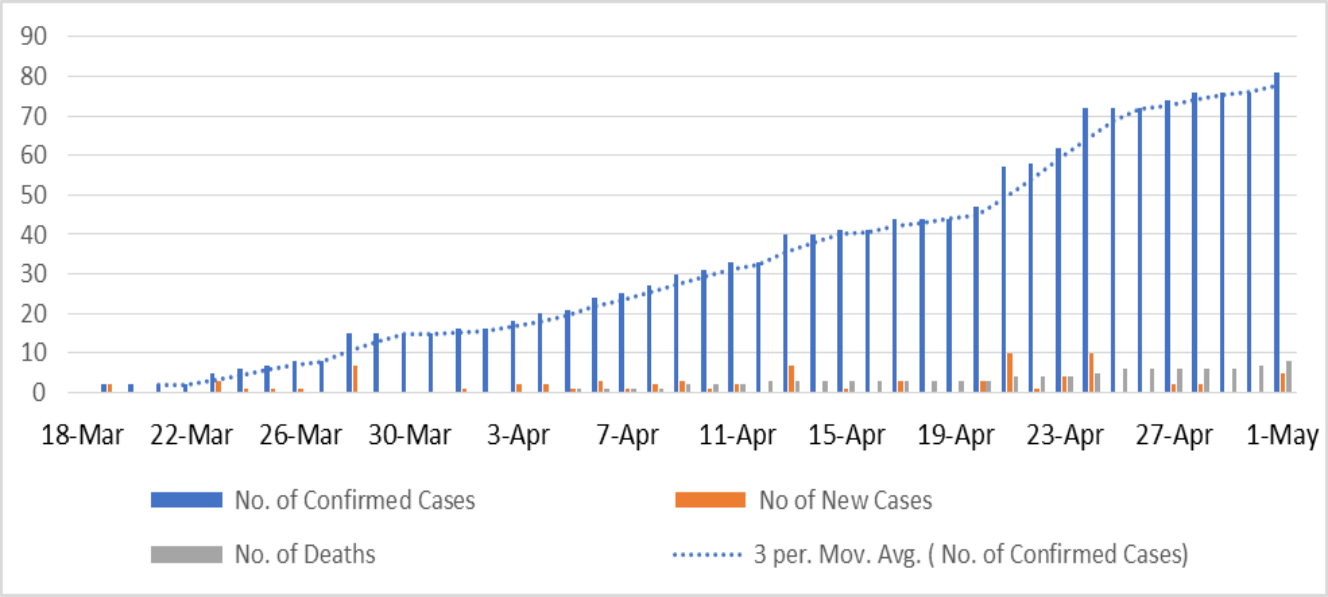


CHART 14A: HAITI

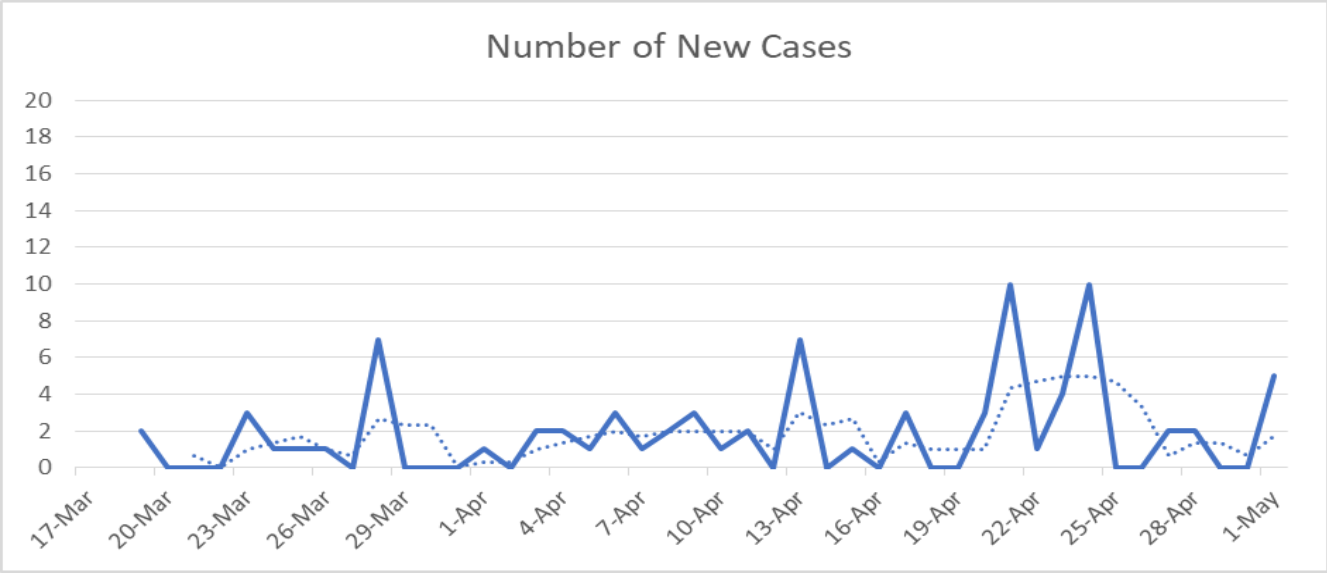


CHART 15: JAMAICA

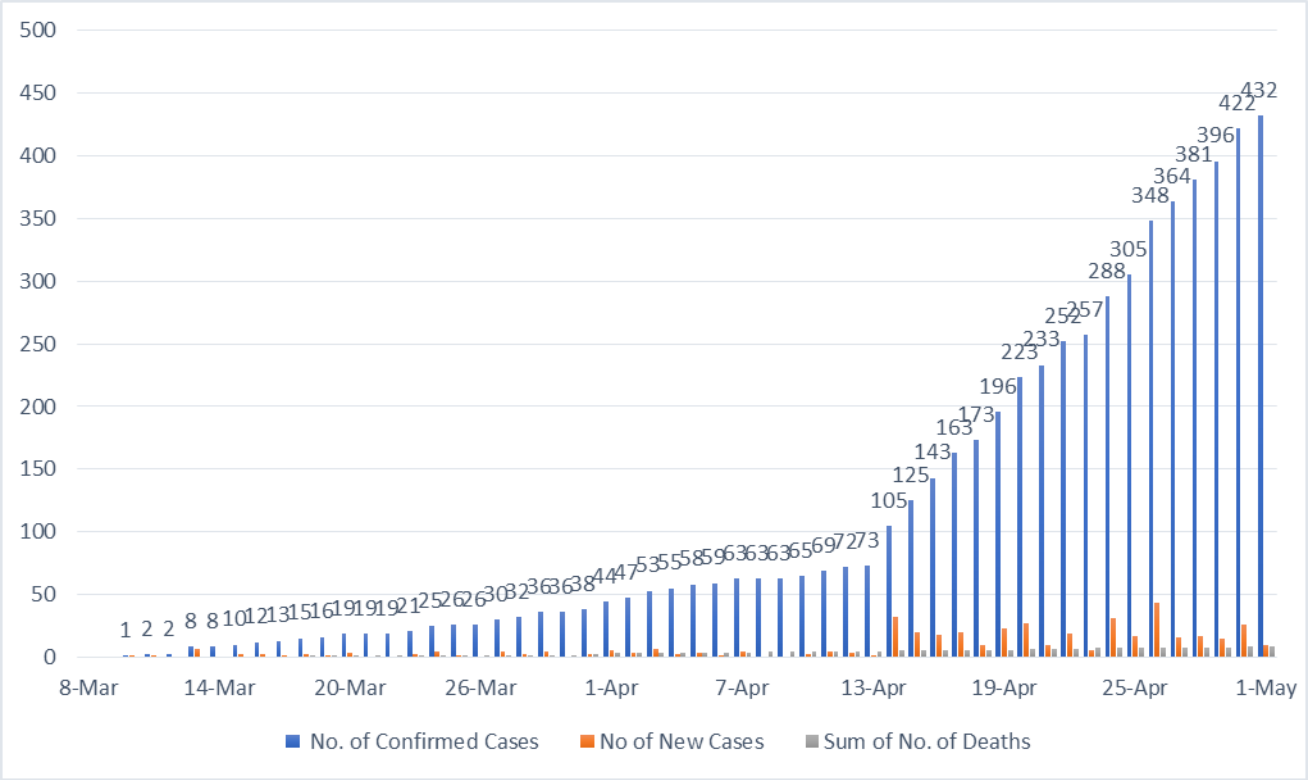


CHART 15A: JAMAICA

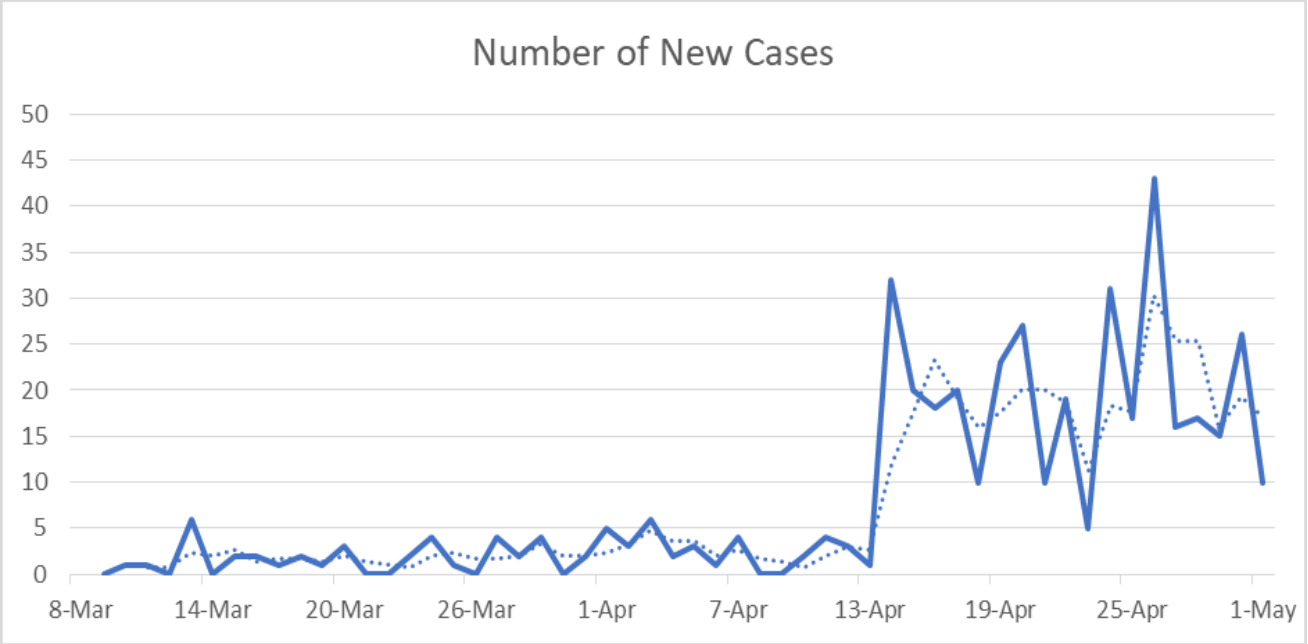


CHART 16: MONTSERRAT

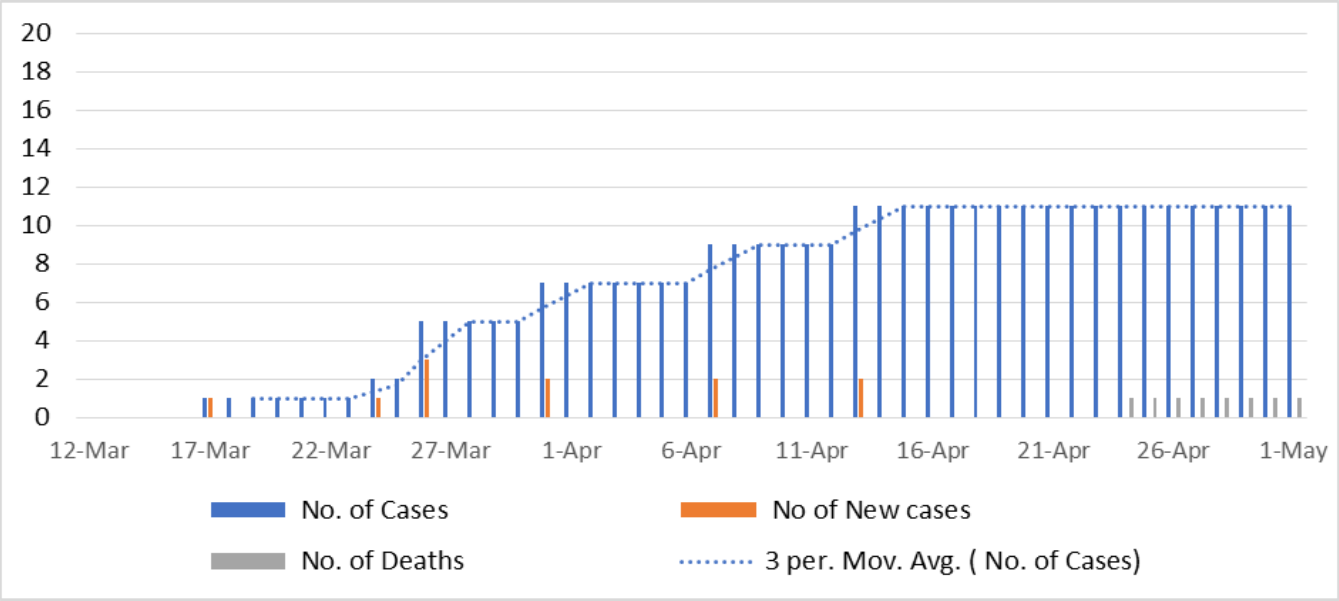


CHART 16A: MONTSERRAT

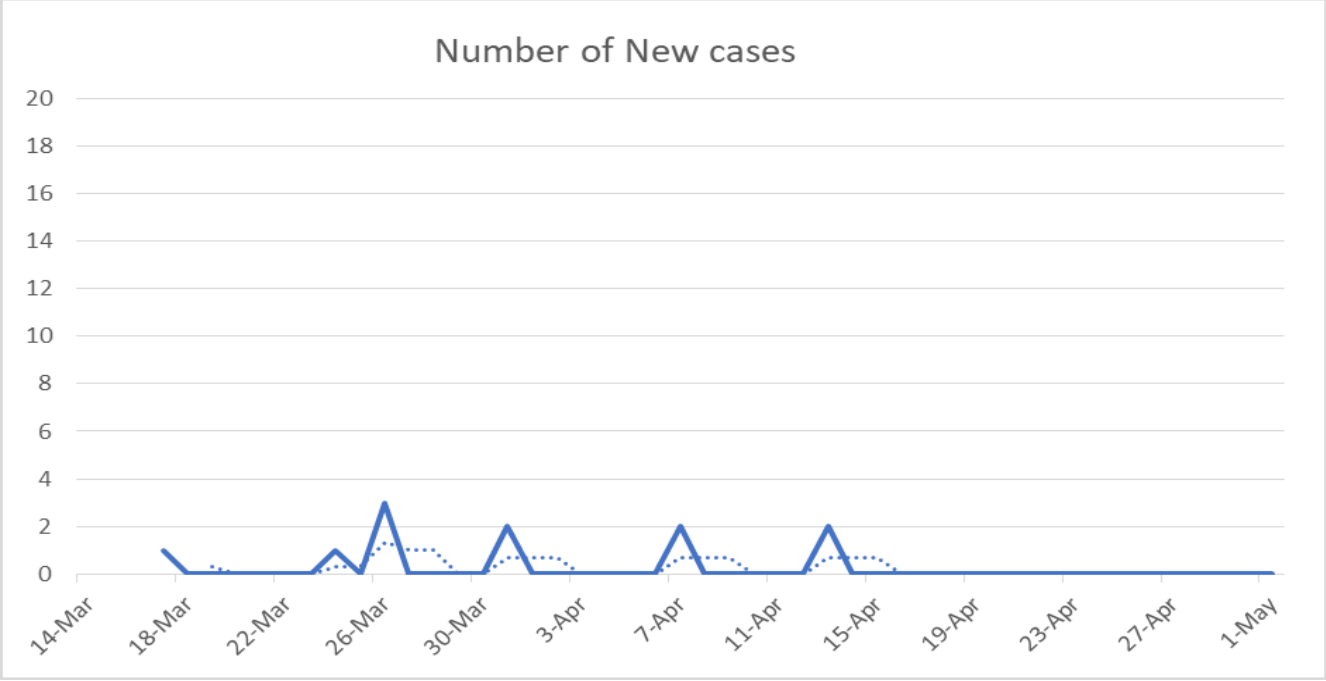


CHART 17: SAINT LUCIA

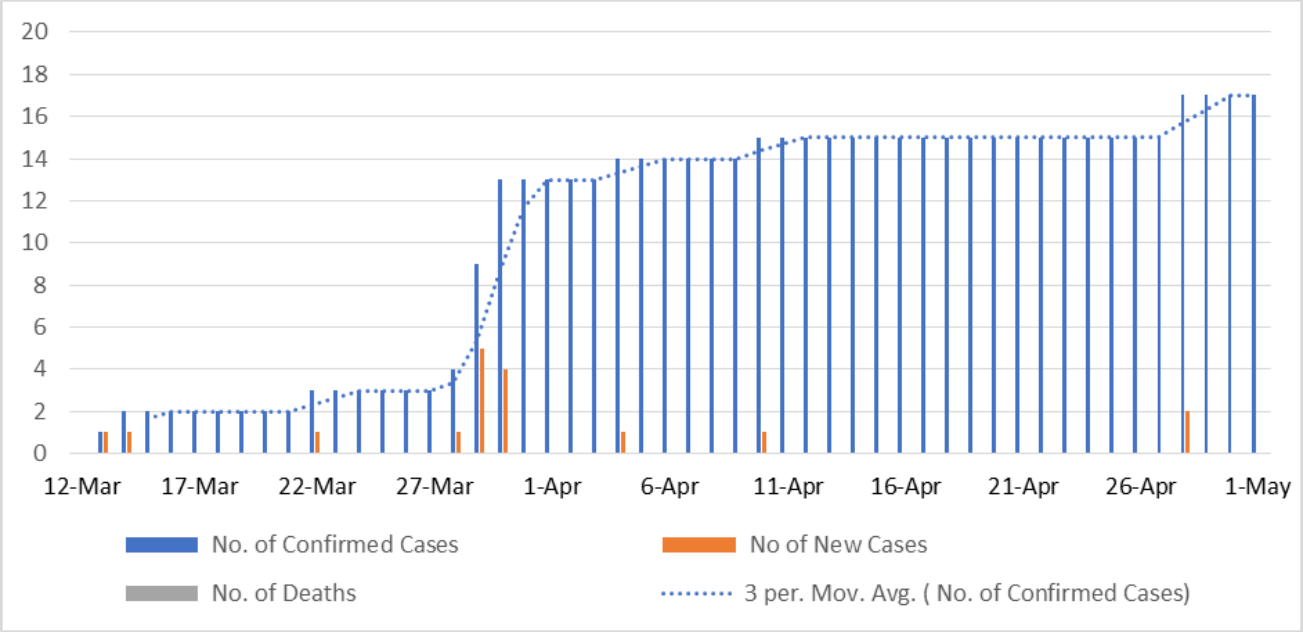


CHART 17A: SAINT LUCIA

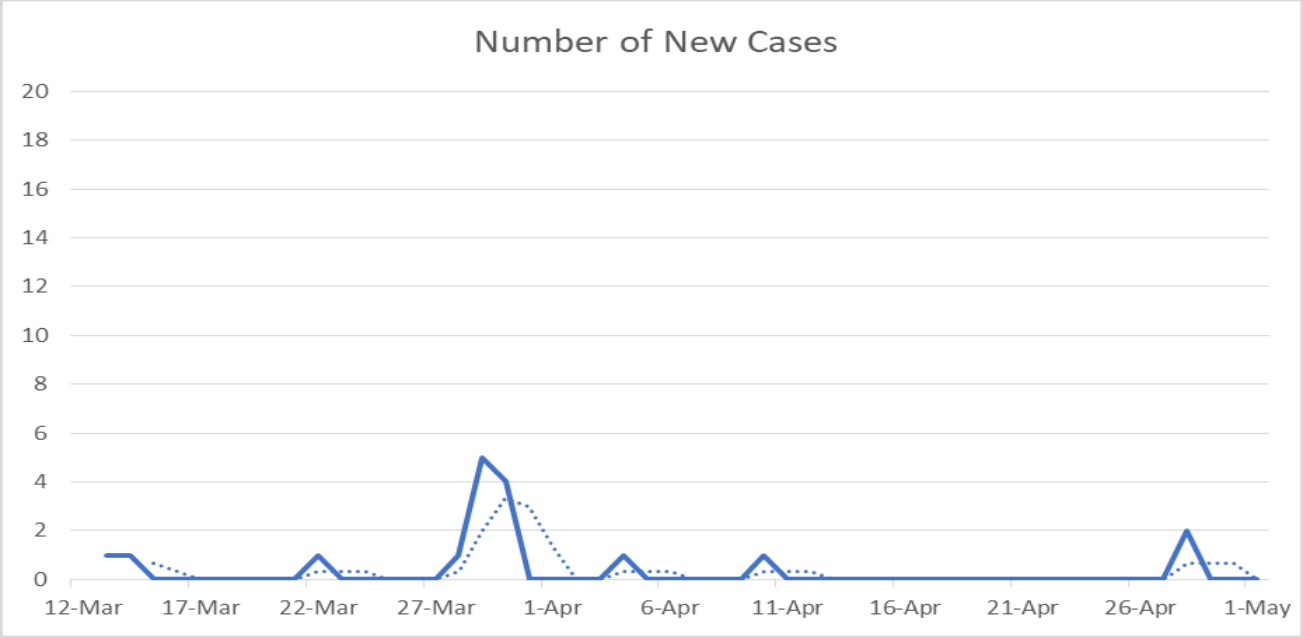


CHART 18: ST. KITTS AND NEVIS

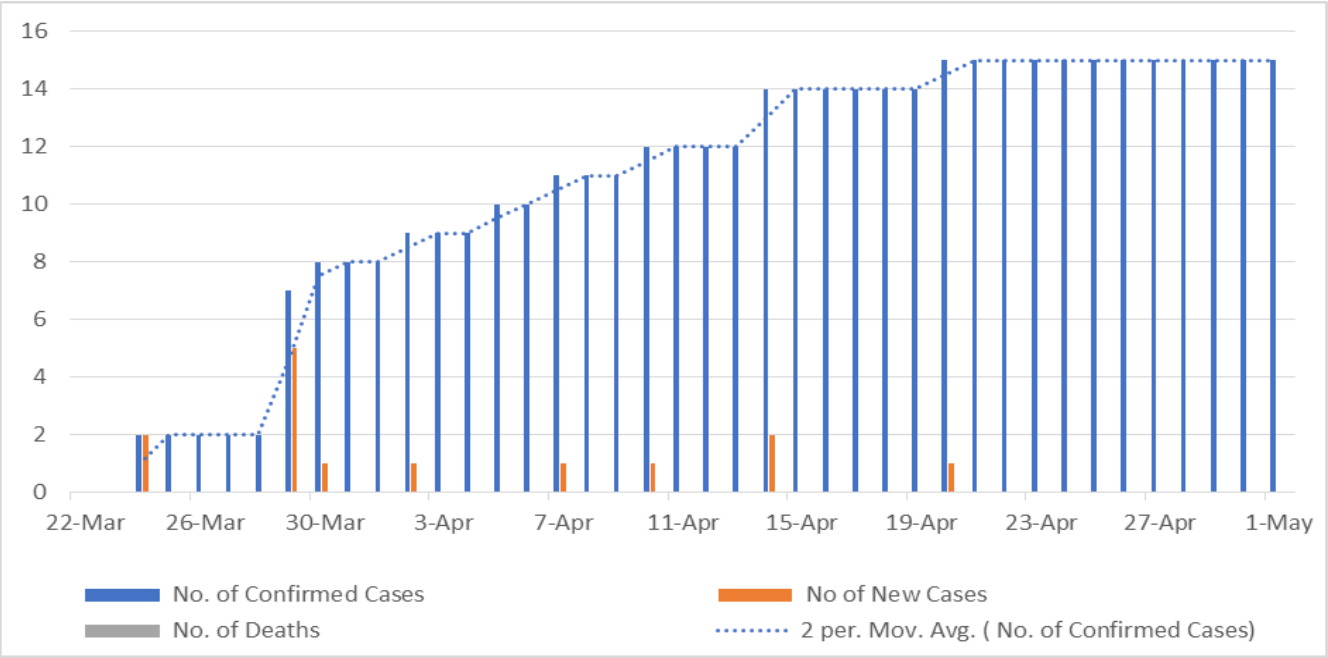


CHART 18A: ST. KITTS AND NEVIS

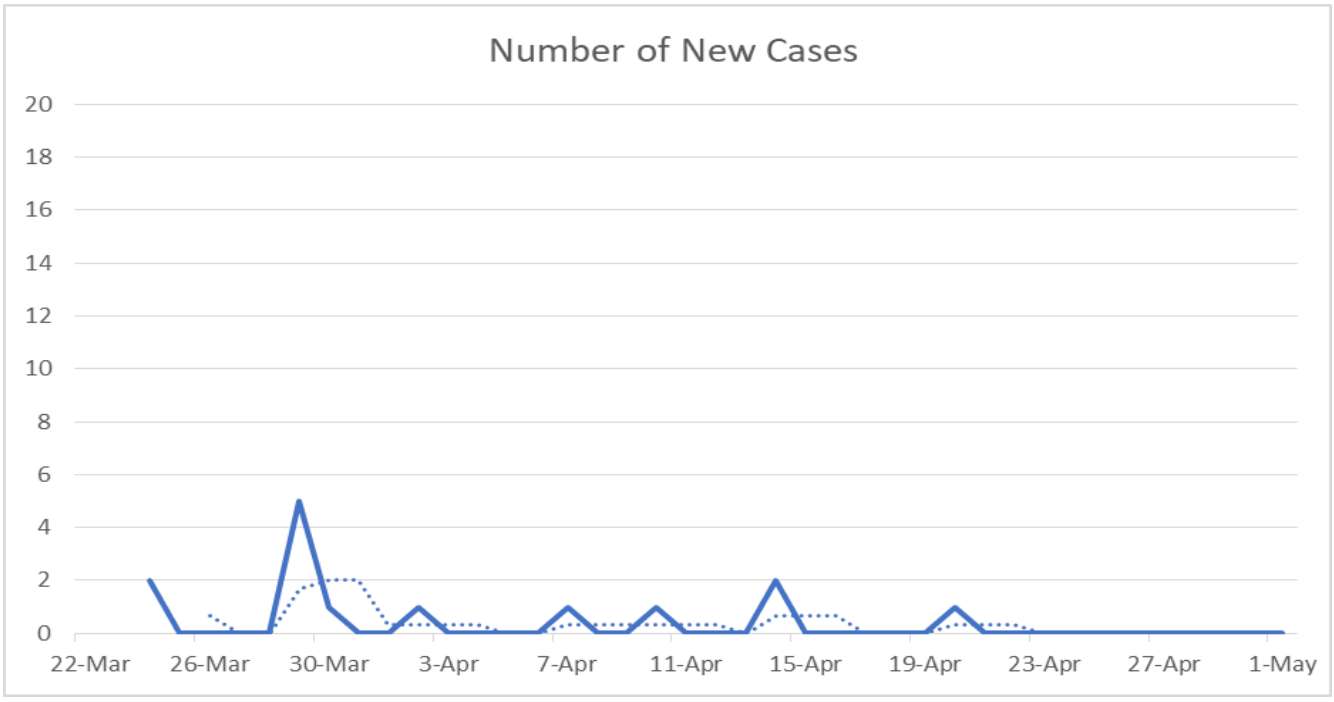


CHART 19: ST. VINCENT AND THE GRENADINES

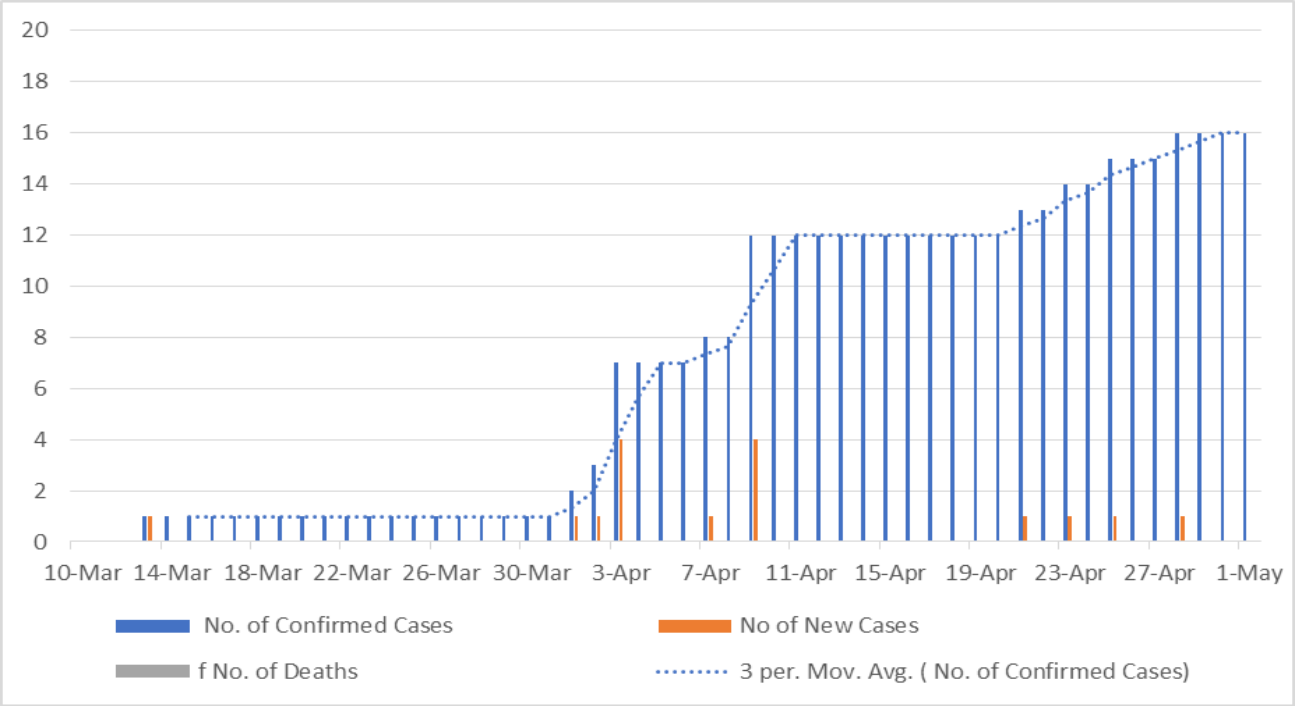


CHART 19A: ST. VINCENT AND THE GRENADINES

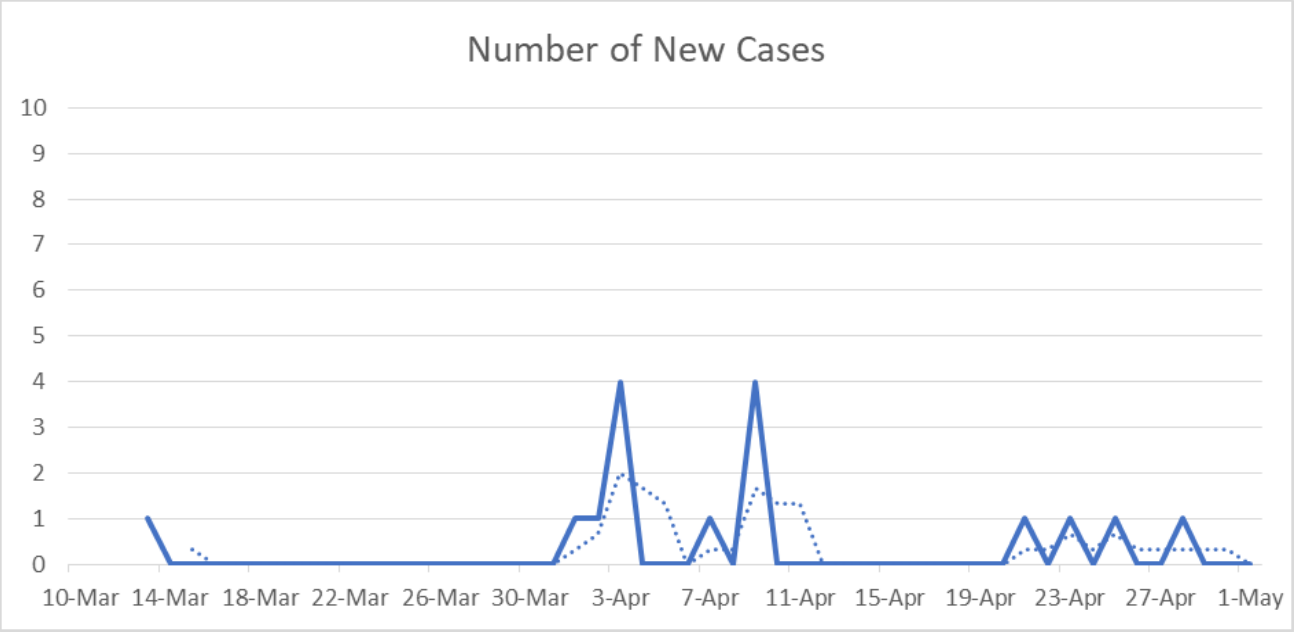


CHART 20: SURINAME

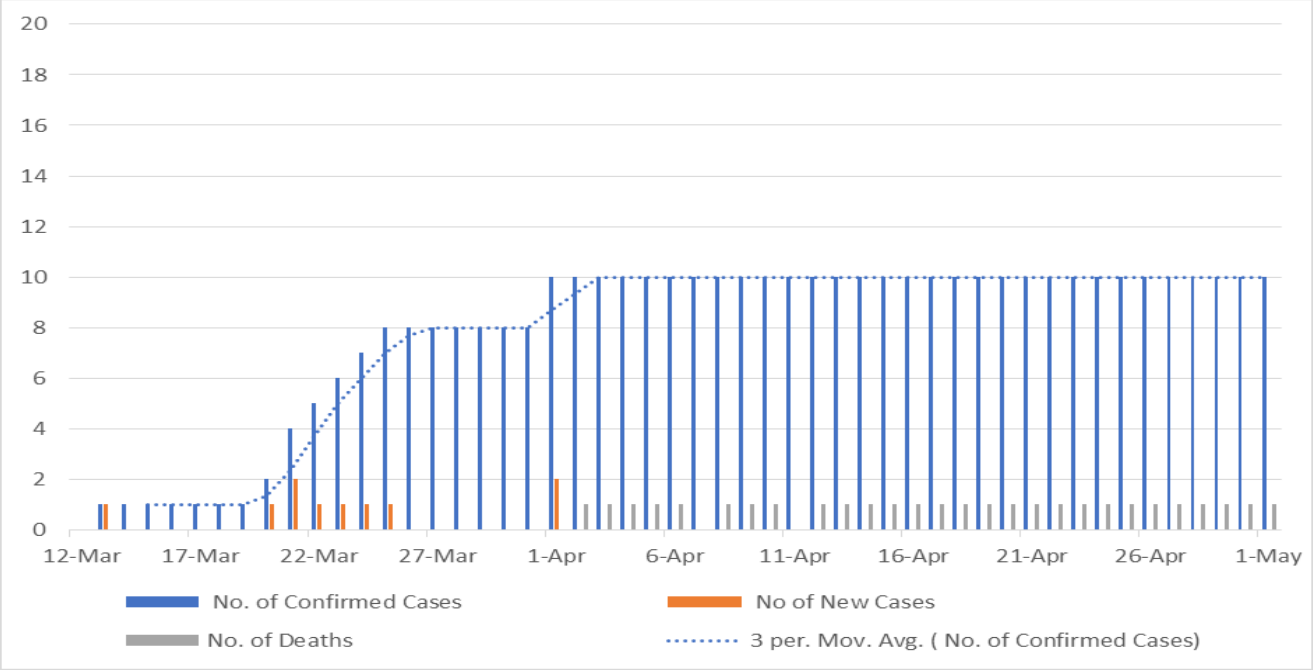


CHART 20A: SURINAME

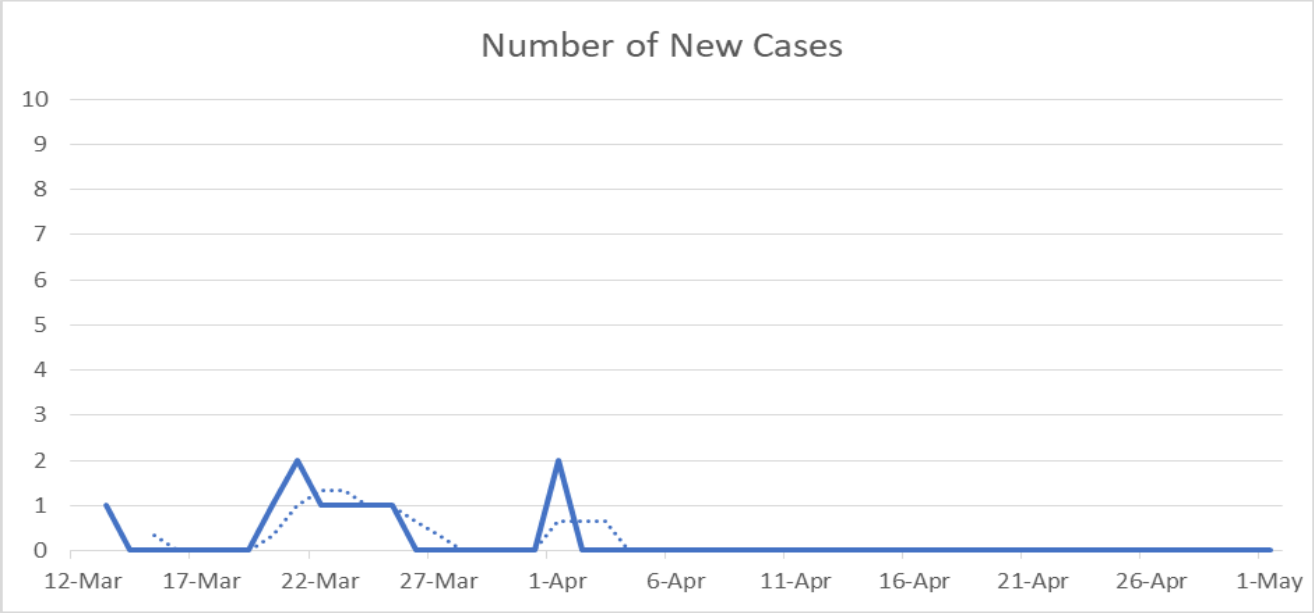


CHART 21: TRINIDAD AND TOBAGO –TOTAL CONFIRMED CASES

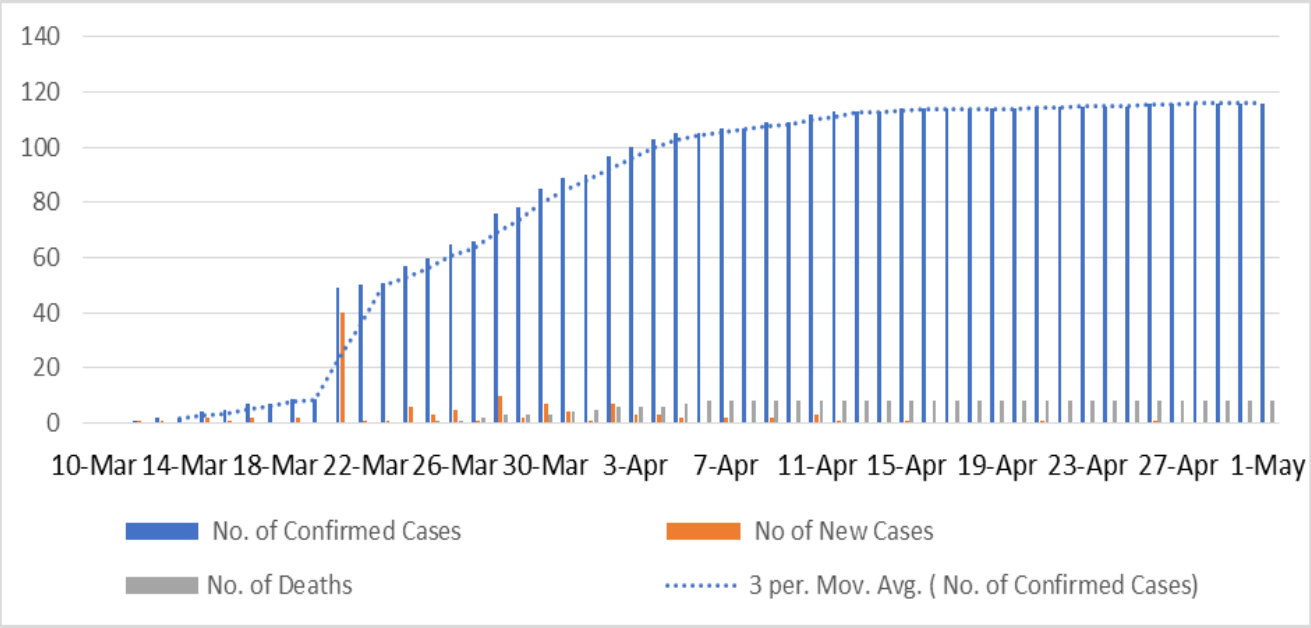


CHART 21A: TRINIDAD AND TOBAGO

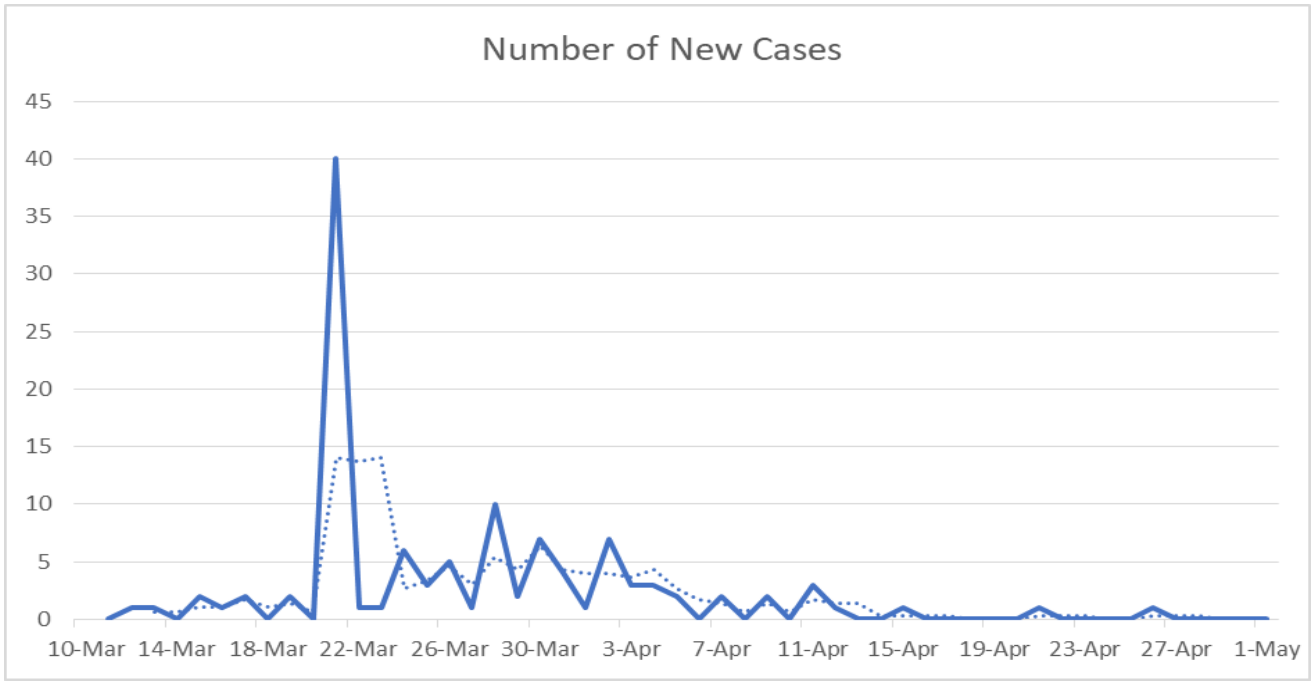


CHART 21B: TRINIDAD AND TOBAGO - CRUISE PASSENGERS

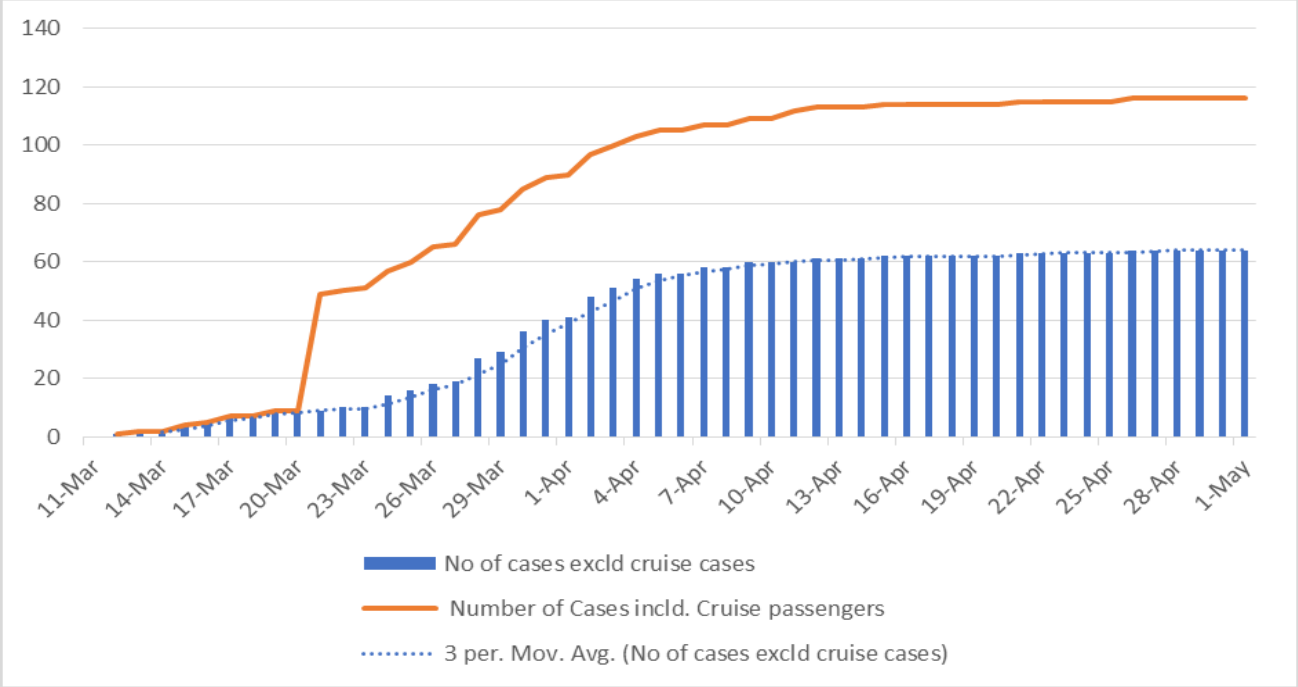


CHART 22: ANGUILLA

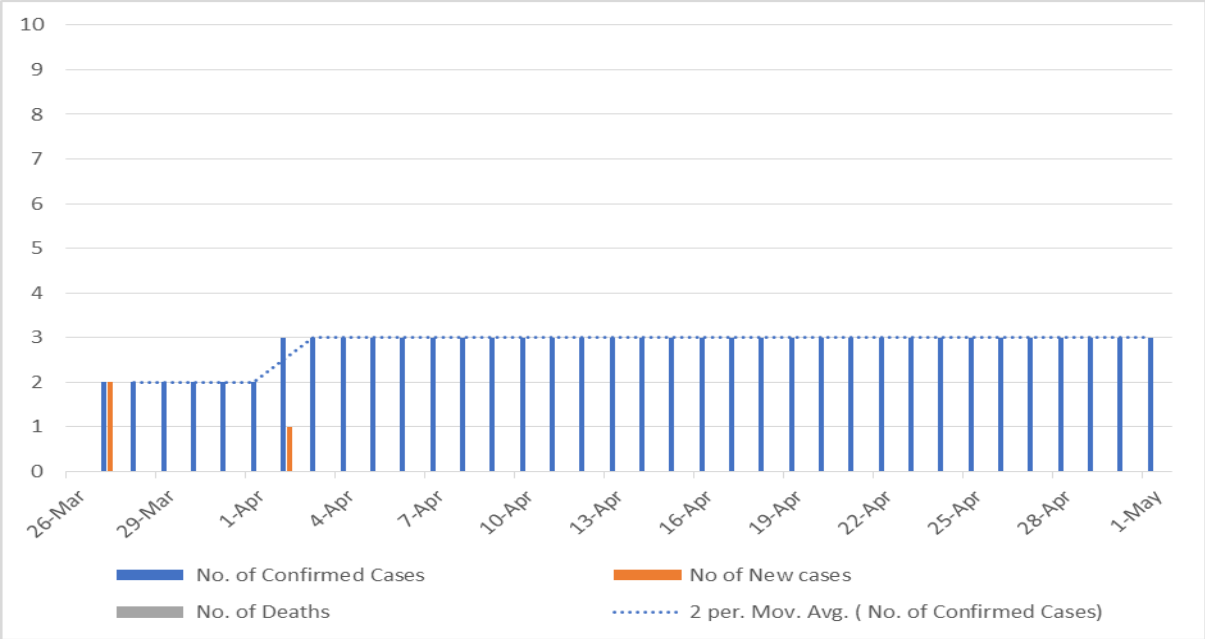


CHART 22A: ANGUILLA

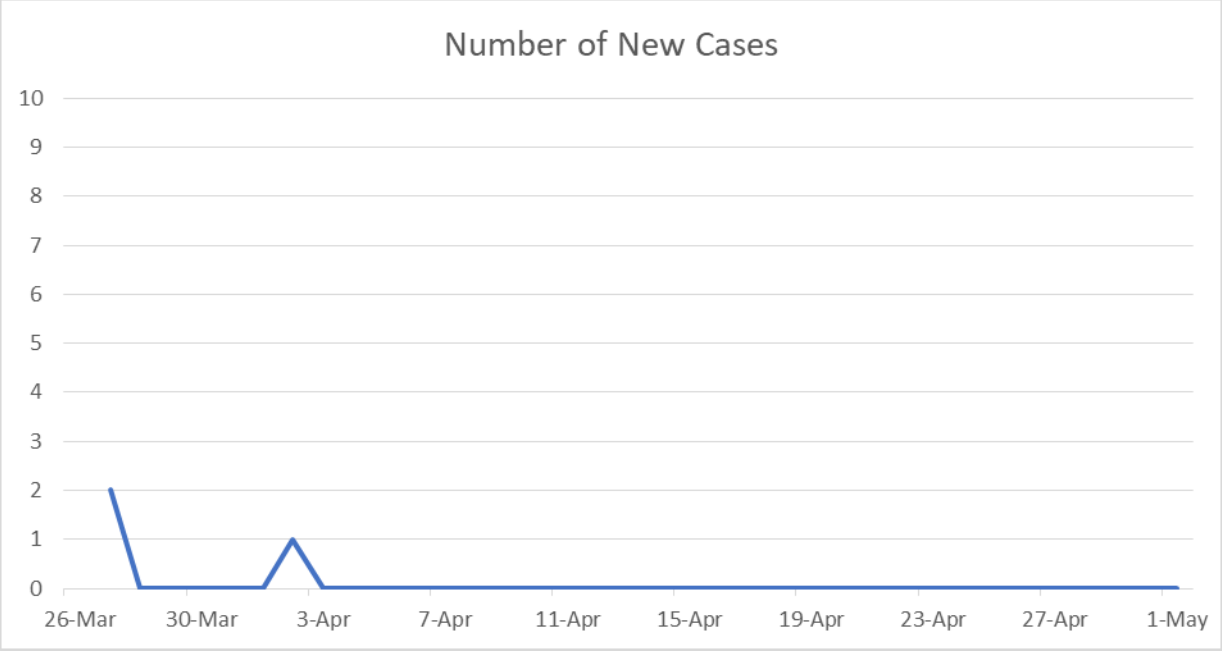


CHART 23: BERMUDA

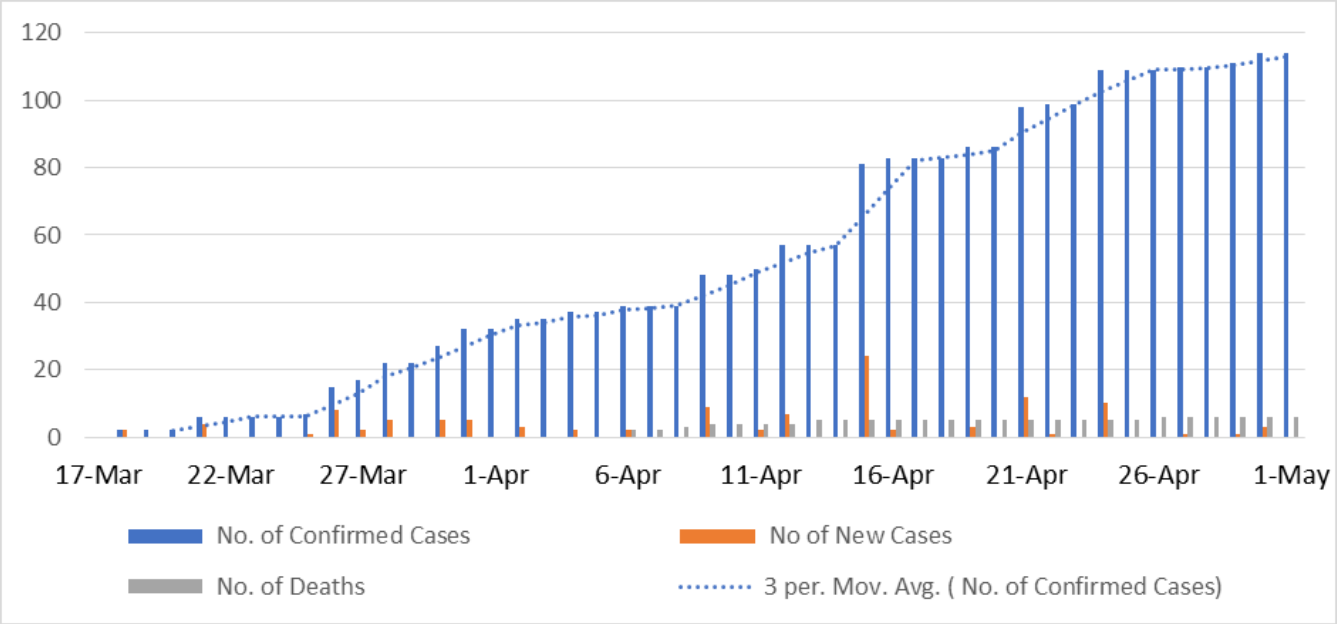


CHART 23A: BERMUDA

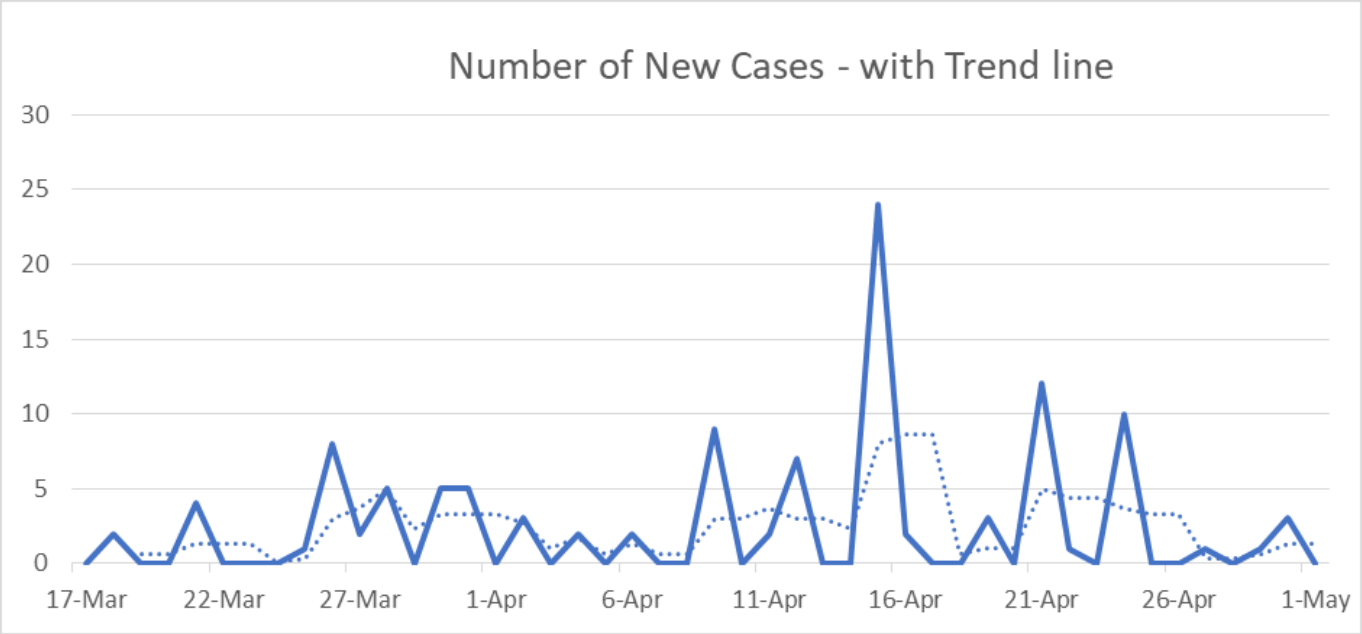


CHART 24: BRITISH VIRGIN ISLANDS

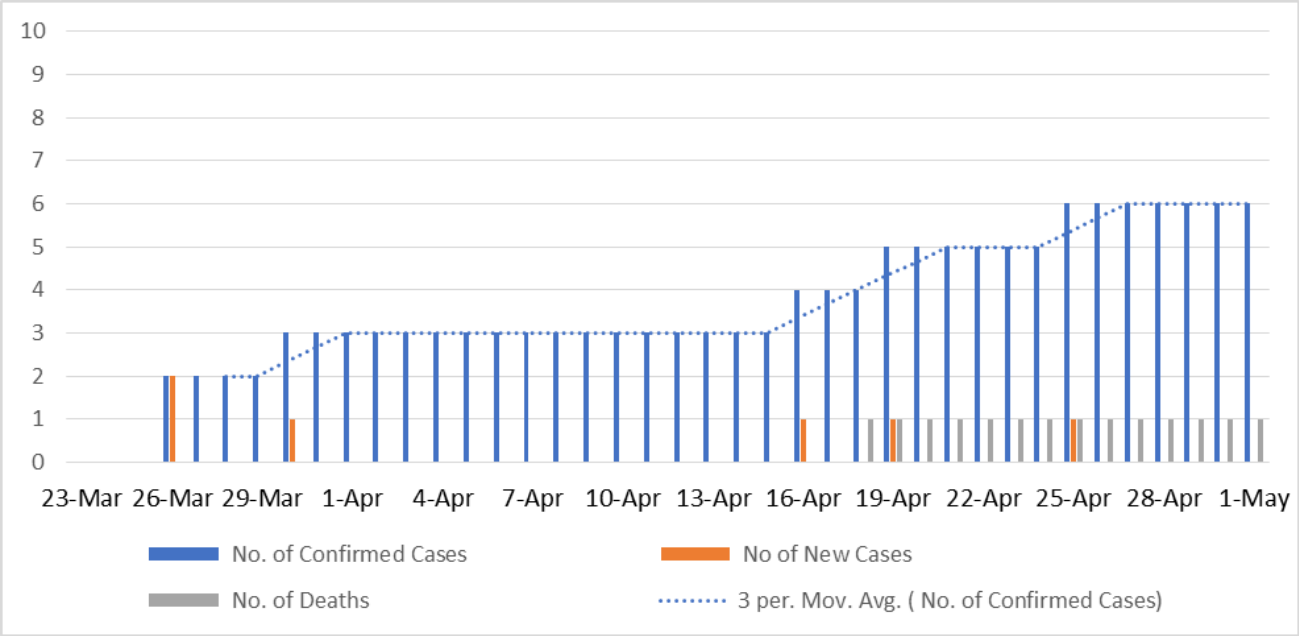


CHART 24A: BRITISH VIRGIN ISLANDS

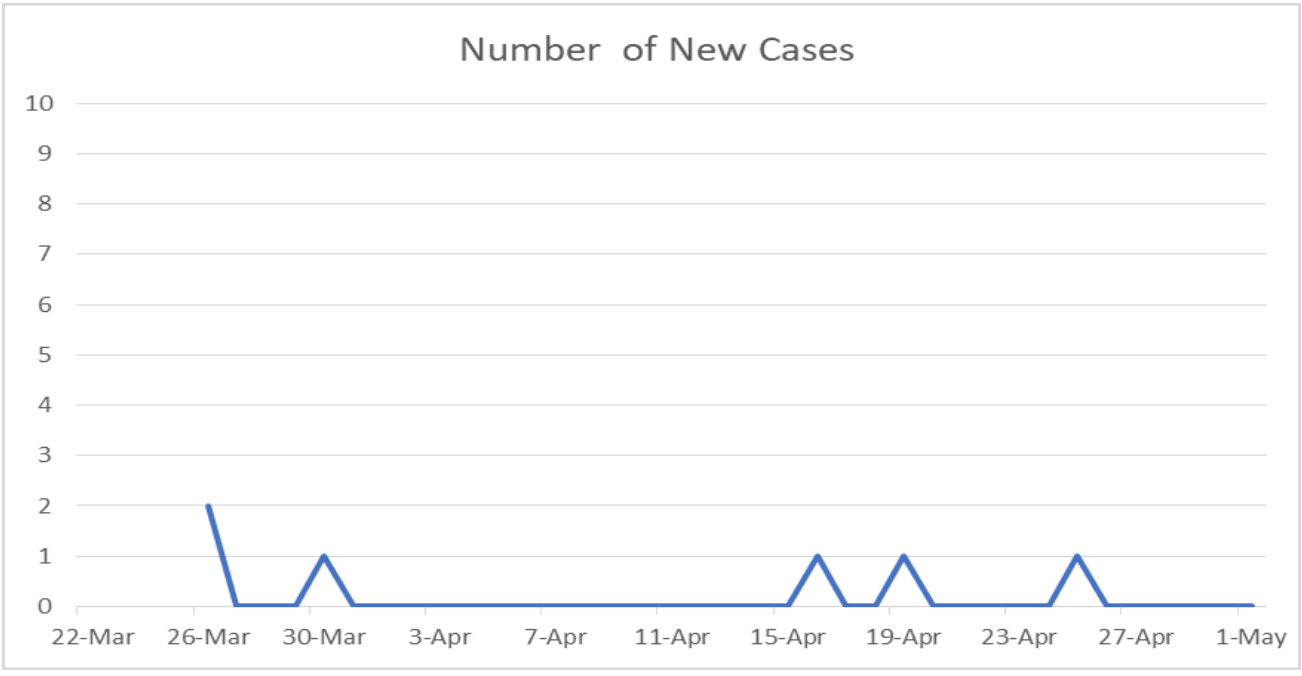


CHART 25: CAYMAN ISLANDS

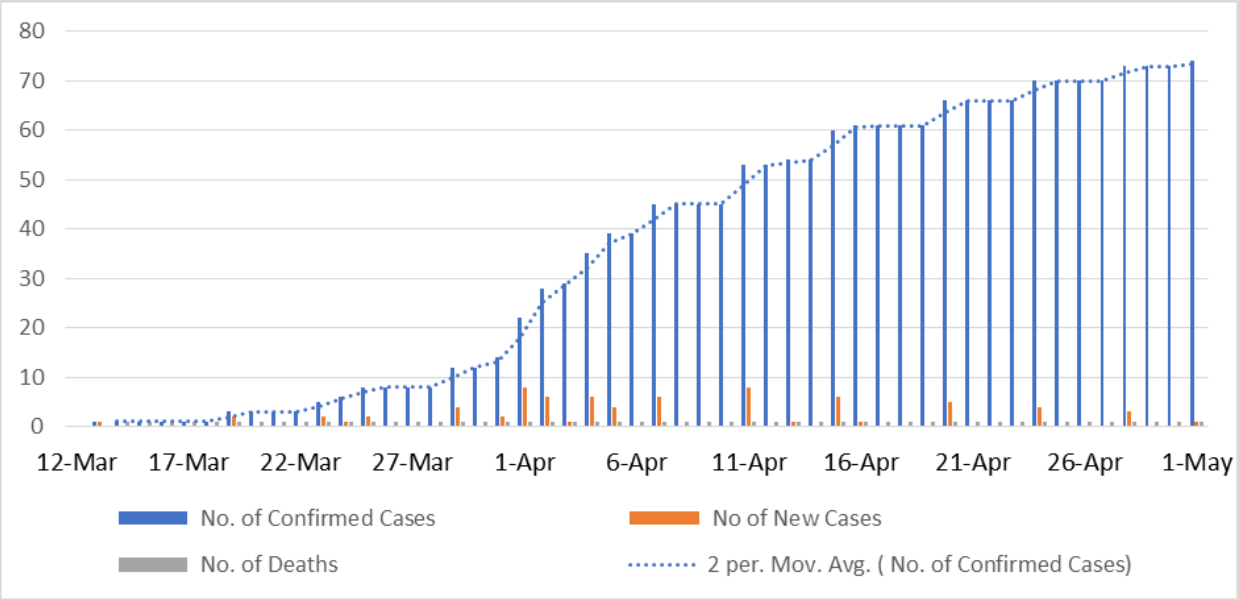


CHART 25A: CAYMAN ISLANDS

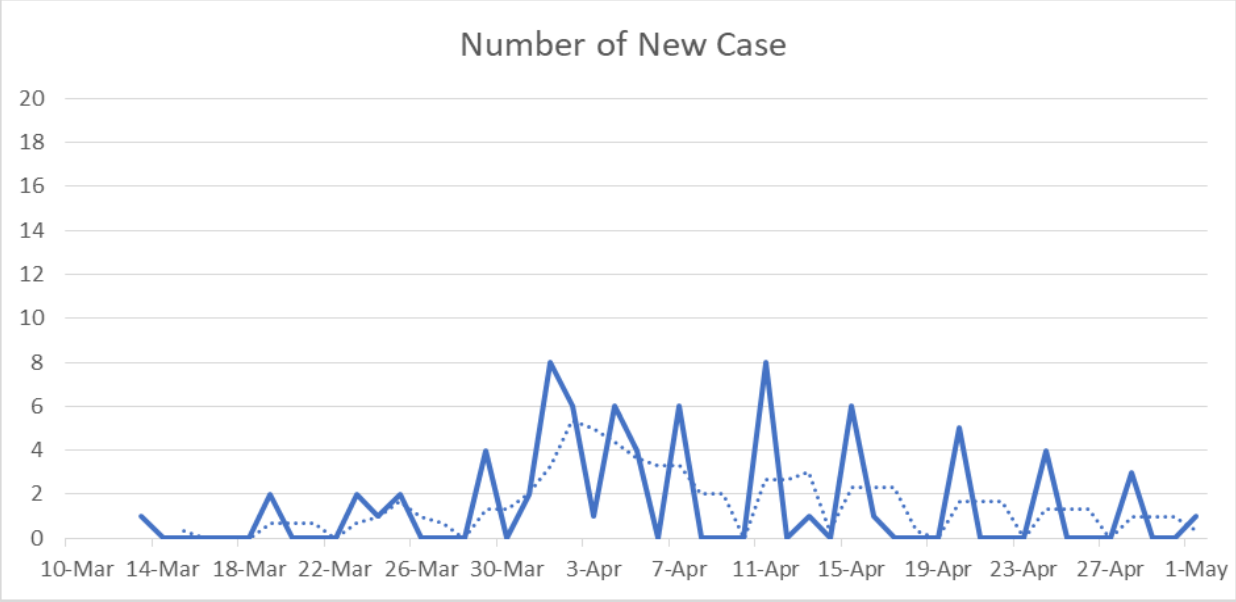


CHART 26: TURKS AND CAICOS ISLANDS

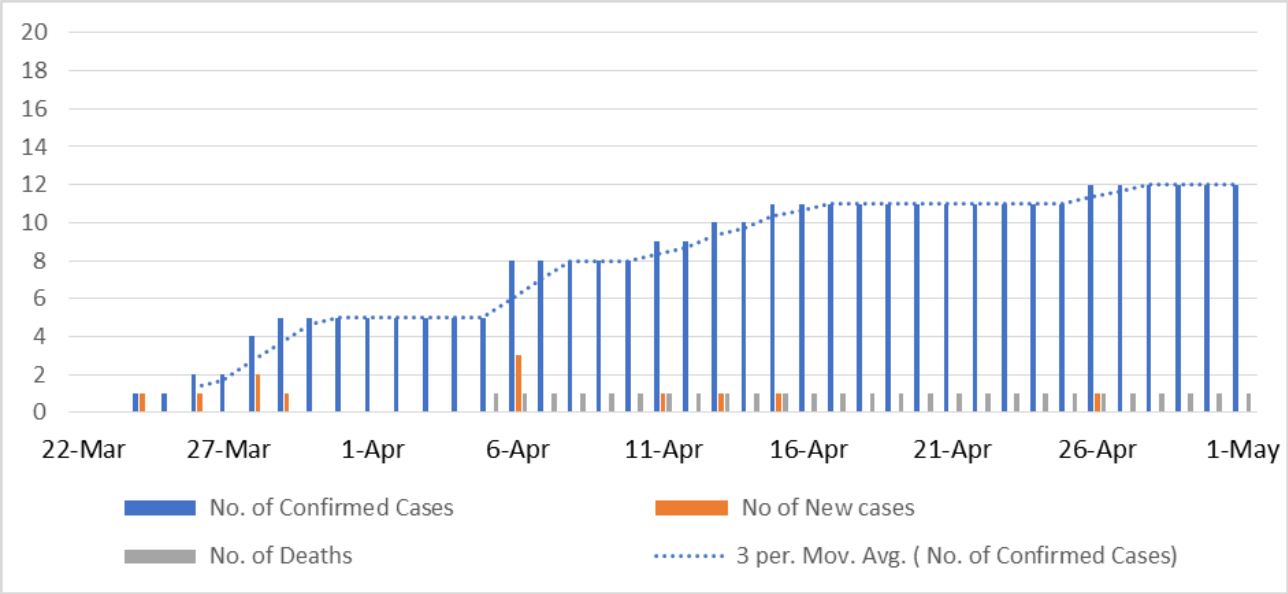


CHART 26A: TURKS AND CAICOS ISLANDS

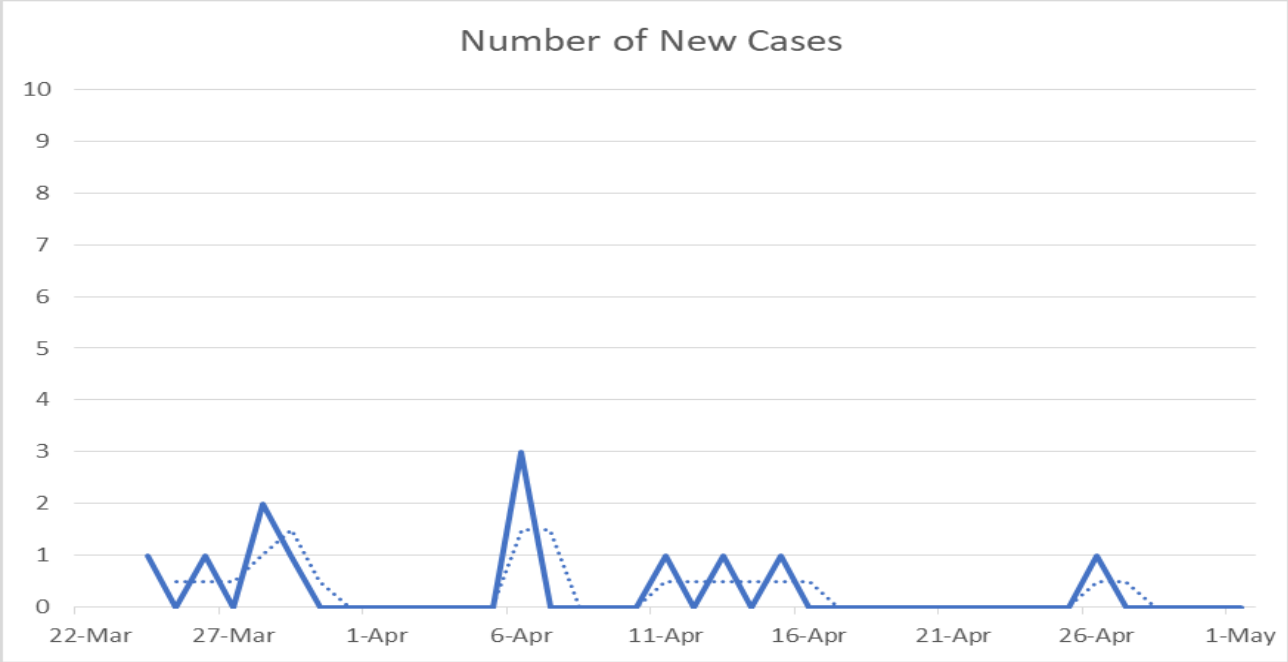


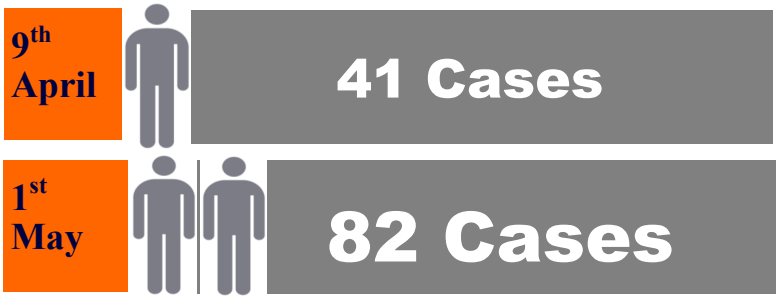
TABLE 8: TREND IN DOUBLING TIME –CARICOM AND SELECTED COUNTRIES

COUNTRY	PERIOD/NO. OF CASES	NO. OF DAYS
ALL COUNTRIES	21 Mar 112 26 Mar 210	5
	26 Mar 210 3 Apr 435	8
	29 Mar 287 10 April 577	12
	2 Apr 403 17 Apr 809	15
	6 Apr 501 24 Apr 1034	18
	11 Apr 613 1 May 1231 Rate: 2.01	20
The Bahamas	24 Mar 5 27 Mar 10	3
	27 Mar 10 1 Apr 21	5
	1 Apr 21 10 Apr 42	9
	4 Apr 28 17 Apr 55	13
	7 Apr 36 24 Apr 73	17
	9 Apr 41 1 May 82 Rate: 2.0	22
Barbados	22 Mar 17 31 Mar 34	9
	30 Mar 33 10 Apr 67	11
	29 Mar 33 17 Apr 75	19
	31 Mar 34 24 Apr 77	24
	1 Apr 45 1 May 81 Rate: 1.8	30
Jamaica	26 Mar 26 3 Apr 53	8
	28 Mar 32 10 Apr 64	13
	13 Apr 73 17 Apr 163	4
	16 Apr 143 24 Apr 288	8
	20 Apr 223 1 May 432 Rate: 1.94	11

DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

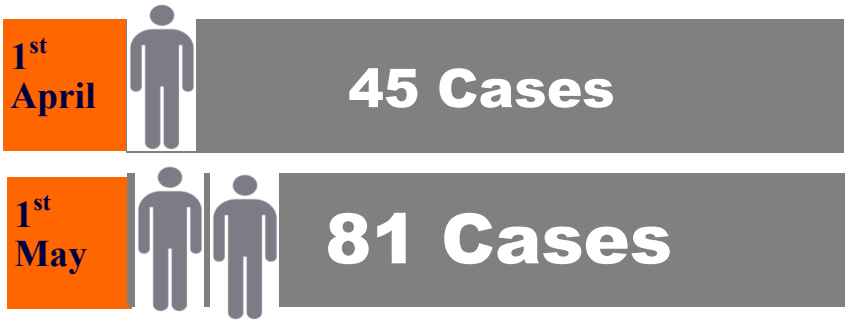
The Bahamas

Doubling (2.0) 22 days



Barbados

Approx. Doubling(1.8) 30 days



Guyana

Approx. Doubling (2.2) 23 days

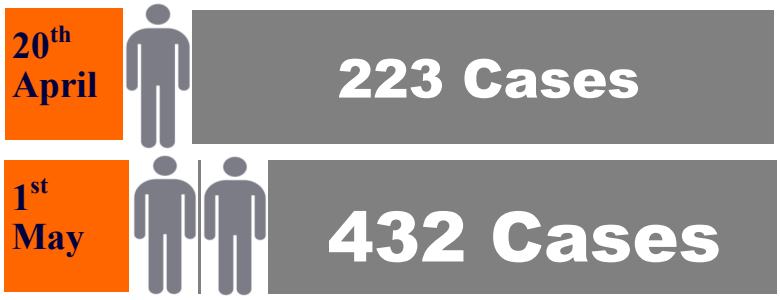
Haiti

Doubling (2.0) - 16 days

DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

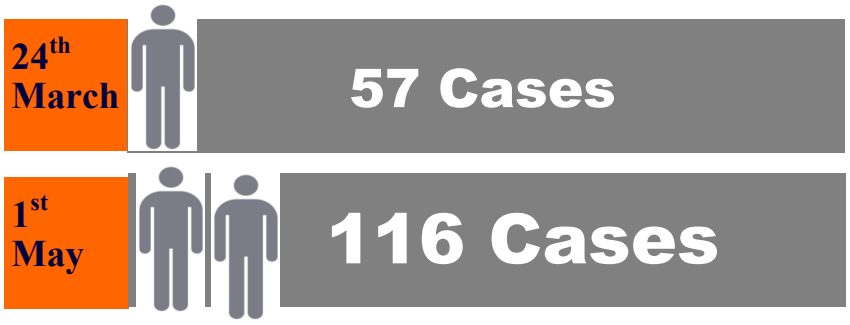
Jamaica

Approx. Doubling (1.94) 11 days



Trinidad and Tobago

Approx. Doubling(2.04) 38 days



Bermuda

Doubling (2.0) 19 days

Cayman Islands

Approx. Doubling (2.1) - 27 days

TABLE 9: EXPLANATIONS

Key Term/Issue	Explanation
Data on Testing	Testing for the COVID-19 occurrence 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. However given the availability or lack thereof of equipment for testing and the establishment of protocols in many countries that invariably imply that persons should fulfil stated criteria to qualify to be tested, it is likely that the total number of cases are unknown. This data set has increasingly become available for most CARICOM countries as indicated in the tables in this Issue with some countries consistently reporting this information. One of the possible differences 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). Another difference is that repeated tests are reported and this occurrence is contained in the data shown in this issue. Why is data on testing needed? The simple answer is that without data on tests conducted on the COVID-19 we cannot possibly understand how the pandemic is progressing
Projections	The projections in this and previous Issues largely rely on using observed doubling rates, the rates of change of the latest period of data (prior to the estimation) or using fitted trend lines. No sophisticated modelling has been utilised. For example in the case of Chart 2, a linear projection is undertaken and the equation of that straight line is given as follows: $y = -103.42 + 25.045\,x$ Where y represents the number of confirmed cases and x the number of time periods from the commencement of the first case. Simply put, it is possible to use this equation to obtain predicted values. Assuming that it is necessary to calculate the number of predicted cases on the 29th April as per the linear trend, the number of time periods (x- value) from the 10 March is roughly 50 so the predicted value works out as follows: y_p = -103.42 + 25.045 x 50 = 1252.25 -103.42 =1148.83. The actual value for this same period is 1178 confirmed cases.

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

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:

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