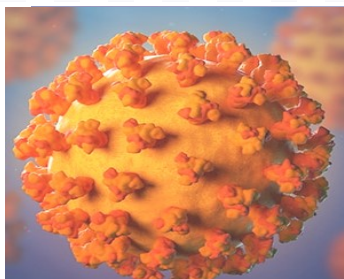


Stats News & Views



Special Topic Statistical Bulletin - COVID-19

Issue 21, 14 August 2020

The **Special Topic Statistical Bulletin on COVID 19 in CARICOM Countries Issue 21**, provides an update of the trajectory of the COVID-19 in the CARICOM Region up to **14 August 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. *A summary Table 1A by country is provided to complement the summaries in Tables 1, 4 and 5.* The Projections are compared with the actual values for this reporting period. In general, these projections may be far removed from the reality of the situations in countries and may not depict the actual outcomes. Limited data are available on Sex and by Mode of Transmission of the virus. *The repatriation of nationals in a few countries and Local Transmission are reflected in increases in confirmed cases in the respective countries as depicted in the Charts on new and confirmed cases. The trends in the data on testing continue to be critical to tracking the pandemic.* The primary approach to sourcing the data continues to be web-scraping of information from official sources of countries. Please review the back issues for other key explanations about the data.

Situation at a Glance

JUNE 2020						
Sun	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
.....	25 th 7,597
JULY 2020						
.....
AUGUST 2020						
.....	14 th August 15,355	

Doubling Rate With Haiti

Total number of confirmed cases increased by

7,758

over **50 days**
[25 June-14 Aug 2020]
2.02

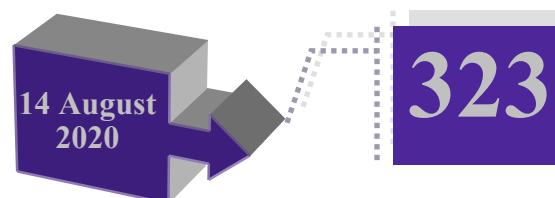
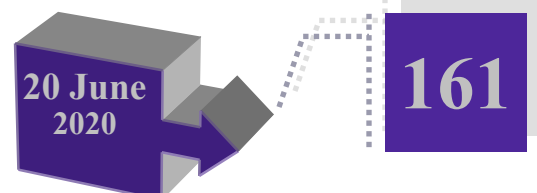
Doubling Rate Without Haiti

Total number of confirmed cases increased by

3,756

over **21 days**
[24 July (3789) - 14 August
(7545)] 1.99

Total number of deaths
increased by 162 in 55 days
(20 June - 14 August) at a rate of 2.01



Special Topic Bulletin - COVID 19

TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 4 JULY – 14 AUGUST 2020

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
04-Jul	8748	160	193
05-Jul	8850	102	197
06-Jul	8922	72	198
07-Jul	9005	83	199
08-Jul	9113	108	205
09-Jul	9210	97	211
10-Jul	9353	143	219
11-Jul	9419	66	225
12-Jul	9505	86	230
13-Jul	9589	84	230
14-Jul	9627	38	232
15-Jul	9777	150	235
16-Jul	9946	169	237
17-Jul	10033	87	238
18-Jul	10145	112	240
19-Jul	10310	165	241
20-Jul	10404	94	241
21-Jul	10528	124	246
22-Jul	10671	143	249
23-Jul	10820	149	251
24-Jul	10986	166	252
25-Jul	11160	174	254
26-Jul	11290	130	255
27-Jul	11427	137	256
28-Jul	11561	134	257
29-Jul	11743	182	259
30-Jul	11842	99	263
31-Jul	12036	194	265
01-Aug	12174	138	265
02-Aug	12425	251	273
03-Aug	12529	104	273
04-Aug	12753	224	275
05-Aug	12934	181	280
06-Aug	13112	178	282
07-Aug	13436	324	283
08-Aug	13721	285	289
09-Aug	13901	180	294
10-Aug	14104	203	298
11-Aug	14343	239	307
12-Aug	14747	404	316
13-Aug	15116	369	317
14-Aug	15355	239	323

Note: The Number of Confirmed Cases and the Number of Deaths are **cumulative values** while the Number of New Cases is not cumulative and reflects the **daily** number of cases. Please see Issue 10 for the explanation on how the cumulative values are derived. Please check previous Issues for the data from 10 March— 3 July 2020.

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TABLE 1A: SUMMARY OF SELECTED VARIABLES BY COUNTRY AS AT 14 AUGUST 2020

Country	Confirmed Cases	New Cases	Deaths	Recoveries	Active Cases	Tests Conducted
Total Member States	14,707	1,813	310	8,747	5,584	128,469
Antigua and Barbuda	93	1	3	83	7	1695
Bahamas	1119	289	17	138	961	7322
Barbados	148	10	7	119	22	14037
Belize	388	242	3	35	350	4860
Dominica	18	0	0	18	0	1005
Grenada	24	0	0	23	1	1125
Guyana	649	111	22	306	321	5849
Haiti	7810	228	192	5123	2495	19888
Jamaica	1082	95	14	761	245	45720
Montserrat	13	0	1	11	0	240
Saint Lucia	25	0	0	25	0	4465
St Kitts and Nevis	17	0	0	17	0	1302
St Vincent and the Grenadines	57	1	0	55	2	2740
Suriname	2838	635	41	1894	903	5284
Trinidad and Tobago	426	201	10	139	277	12937
Total Associate Members	648	106	13	411	223	67,727
Anguilla	3	0	0	3	0	483
Bermuda	159	2	9	145	5	31582
British Virgin Islands	9	0	1	7	1	1522
Cayman Islands	203	0	1	202	0	32468
Turks and Caicos Islands	274	104	2	54	217	1672
Total CARICOM	15,355	1,919	323	9,158	5,807	196,196

What do we learn from the Data?

[as at 14 August 2020]

The number of confirmed cases moved from **13,436** as at **7 August** to **15,355 cases on 14 August**. The number of deaths moved from **283** to **323**. There were **1919 new cases** (1400 new cases for the last period) and **40 new deaths** (18 new deaths for the last period). Suriname led in the number of new cases with **635**, followed by **The Bahamas** with **289** and **Belize** with **242**.

Recoveries as at **14 August** stood at **9158** and active cases at **5807** as compared to **8306** recoveries and **4792** active cases on **7 August**.

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

- ◆ There are six (6) countries with no active cases as at **14 August**, compared to **4** in the previous reporting period. The countries with no active cases are:- *Anguilla, Cayman Islands, Dominica, Montserrat, Saint Lucia and St. Kitts and Nevis*. The last two countries re-joined the “no-active cases” category.
- ◆ Three (3) countries *British Virgin Islands (1), Grenada (1) and St Vincent and the Grenadines (2)* had 1-4 active cases.
- ◆ Two (2) countries- *Bermuda (5) and Antigua and Barbuda (7)* had 5-10 active cases.
- ◆ One (1) country had greater than **10** but less than **25** active cases: *Barbados (22)*.
- ◆ The remaining eight (8) countries had **200+** active cases: *Turks and Caicos Islands (217), Jamaica (245), Trinidad and Tobago (277), Guyana (321), Belize (350), Suriname (903), The Bahamas (961) and Haiti (2495)*.

Recoveries

- ◆ As mentioned earlier, there were six countries for which all active cases had recovered as at **14 August**.
- ◆ Among the other countries, *Haiti* had **5123** recoveries (**66 percent** of its total confirmed cases), *Suriname*, **1894** (**67 percent**), *Jamaica*, **761** (**70 percent**) and *Cayman Islands*, **202** (**just under 100 percent**).

Confirmed Cases

- ◆ In absolute terms the countries with the highest numbers of Confirmed Cases are *Haiti*, **7810**, *Suriname*, **2838**, *The Bahamas*, **1119**, *Jamaica*, **1082**, *Guyana*, **649**, *Trinidad and Tobago*, **426**, *Belize*, **388**, *Turks and Caicos Islands*, **274**, *Cayman Islands*, **203**, *Bermuda*, **159** and *Barbados* **148**.
- ◆ In rates per 100,000 population for countries *with 25+ cases*, *Turks and Caicos Islands* is still in the lead with **663.44**, followed by *Suriname* with **486.79**, *Cayman Islands* with **308.45**, *The Bahamas* has surpassed *Bermuda* and is now at **293.45** and *Bermuda* with **248.54**, completes the top five.
- ◆ The rate for *Antigua and Barbuda* is **97.88**, *Belize*, **97.48**, *Guyana*, **87.58** and *Haiti* is at **68.44**. *Montserrat* (under 25 cases) has a rate of **260** (**13 cases**); [Please see Table 2 for rates for other countries].

Deaths

- ◆ *Haiti* has the highest number of deaths as at **14 August** with **192**, an increase of **21** from **7 August**. *Suriname* is in second place with **41** (+12), followed by, *Guyana*, **22**, *The Bahamas*, **17** (+3) and *Jamaica* with **14** (+1).
- ◆ The number of deaths per 100,000 population is still the highest in *Montserrat* with **20** (**1**). *Bermuda* follows with **14.07** (**9**), *Suriname* with **7.03** followed by *Turks and Caicos Islands*, **4.84** (**2**) and *The Bahamas* **4.46**. The rate for *Haiti* is **1.68** and *Guyana* **2.97**.
- ◆ 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 **11.1** percent, followed by *Montserrat* with **7.7** percent, *Bermuda*, **5.7** percent, *Barbados*, **4.7** percent, and *Guyana*, **3.4** percent. *Haiti* is at **2.5** percent.

Testing- [Tracking the pandemic]

- ◆ *Bermuda*, with a rate per 100,000 of the number of tests conducted of **49,367.7** (**31,582 tests**), has now edged out Cayman Islands to have the best testing record. *Cayman Islands* has a rate of **49,333.7** (**32,468 tests**), followed by *British Virgin Islands* **5221.1** (**1522 tests**), *Barbados*, **5111.2** (**14,037**) and *Montserrat*, **4800** (**240 tests**) *Jamaica* has conducted the highest number of tests with **45,720** but is in *thirteenth* place with **1676.3** tests per 100,000 population.

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CHART 1: SUMMARY ALL COUNTRIES - NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS – 10 MARCH - 14 AUGUST 2020

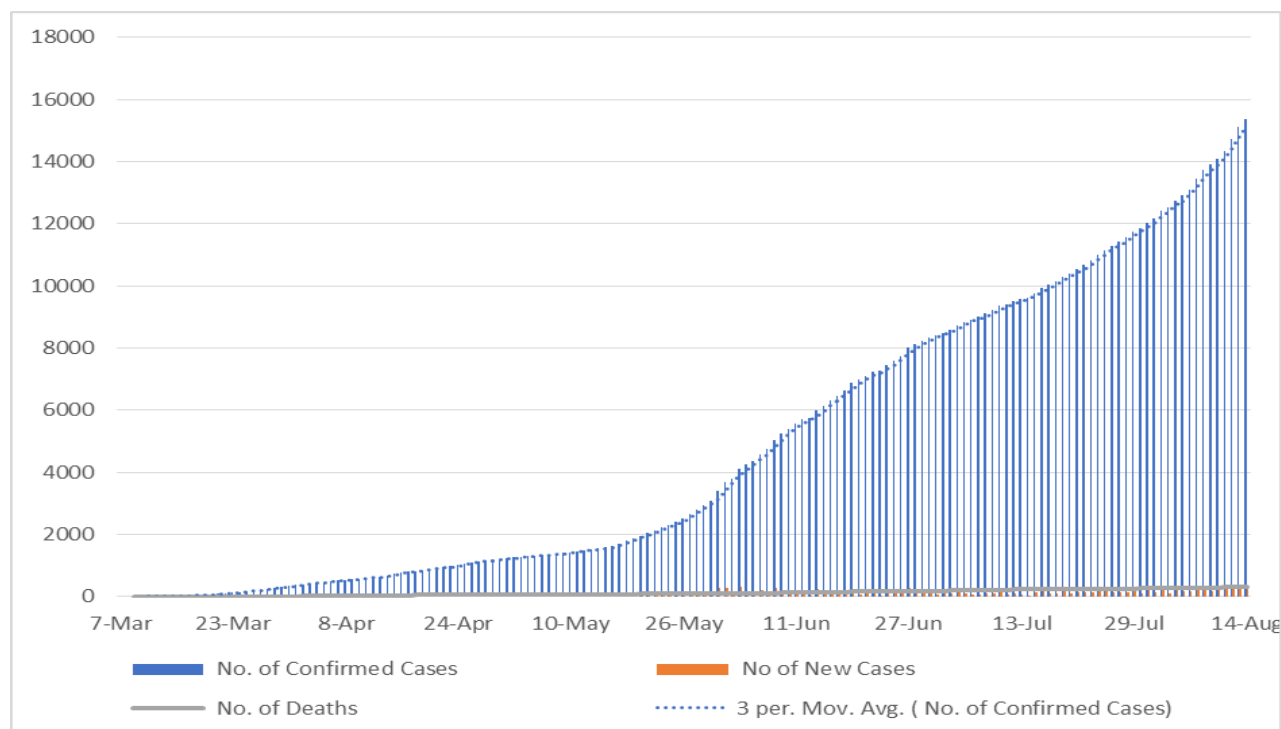
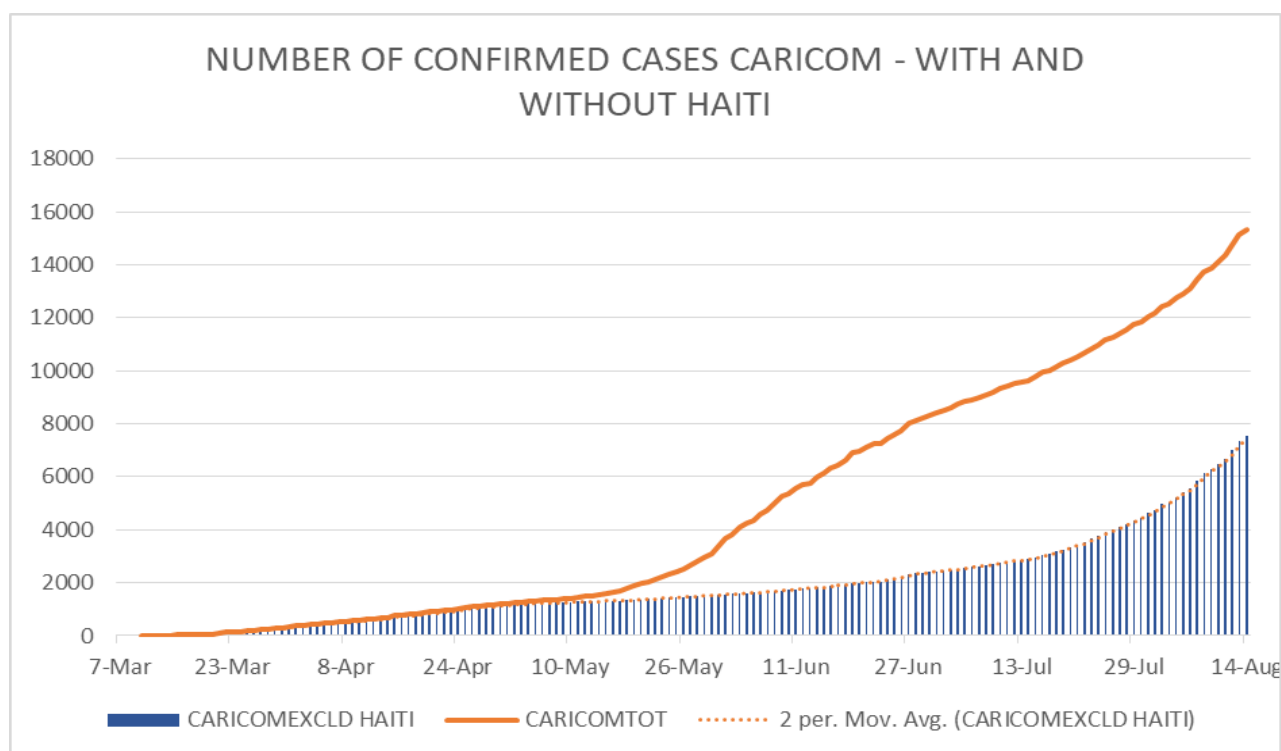


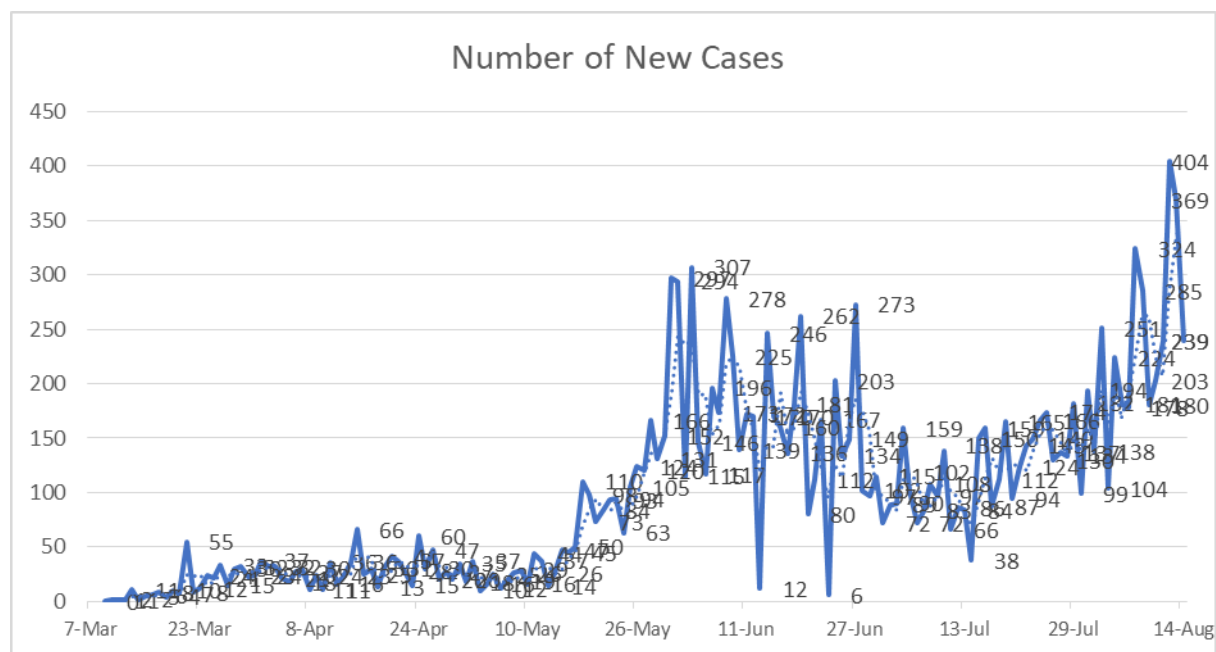
CHART 1A: NUMBER OF CONFIRMED CASES IN CARICOM– WITH AND WITHOUT HAITI AS AT 14 AUGUST 2020



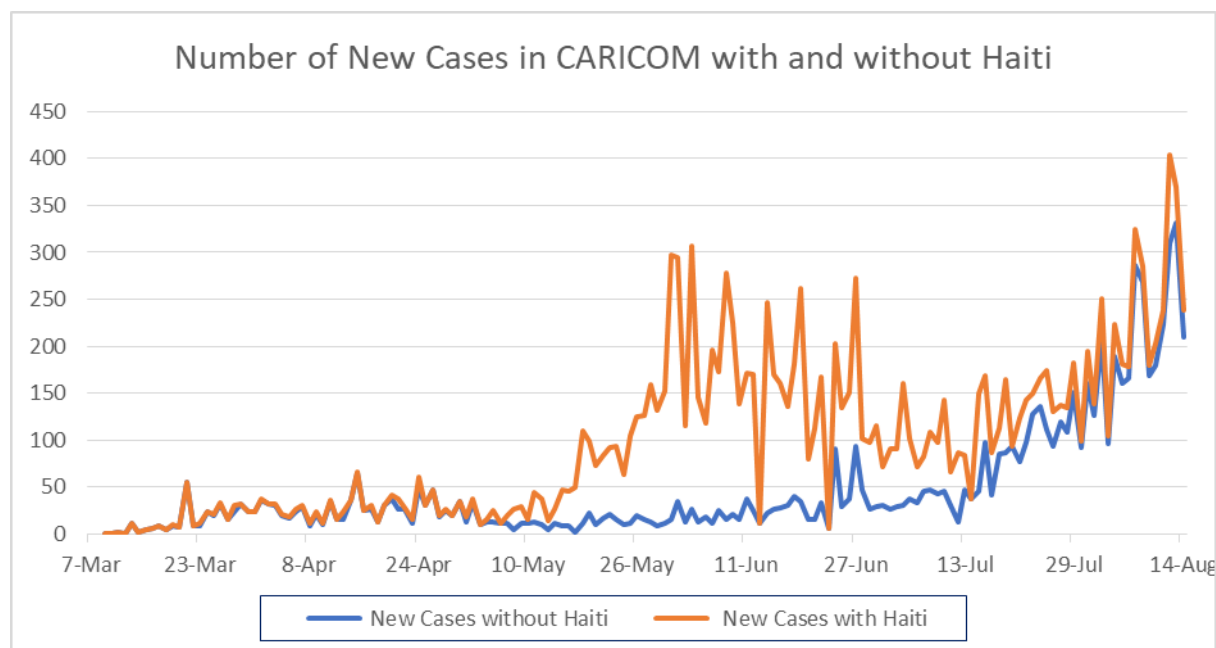
Note: The number of confirmed cases moved from 13,436 as at 7 August to 15,355 as at 14 August, increasing by 1919 cases, while the number of deaths moved from 283 to 323, an increase of 40.

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**CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES -
10 MARCH - 14 AUGUST 2020**



**CHART 1C: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - WITH AND
WITHOUT HAITI - 10 MARCH - 14 AUGUST 2020**



Note: The total number of new cases for the period 8-14 August is 1919 as compared to 1400 during the last reporting period 1-7 July, an increase of 519. Suriname had the highest number of new cases, again, with 635, 33.1 percent of the total for CARICOM (35.5 percent for the previous period). The Bahamas had the second highest number of new cases with 289 (15.1 percent) followed by Belize with 242 (12.6 percent), Haiti with 228 (11.9 percent), Trinidad and Tobago with 201 (10.5 percent). Guyana had 111 new cases, Turks and Caicos Islands, 104 and Jamaica, 95. The increasing trend in the number of new cases is evident in Charts 1B and 1C.

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**CHART 1D: SUMMARY ALL COUNTRIES - NUMBER OF DEATHS -
10 MARCH - 14 AUGUST 2020**

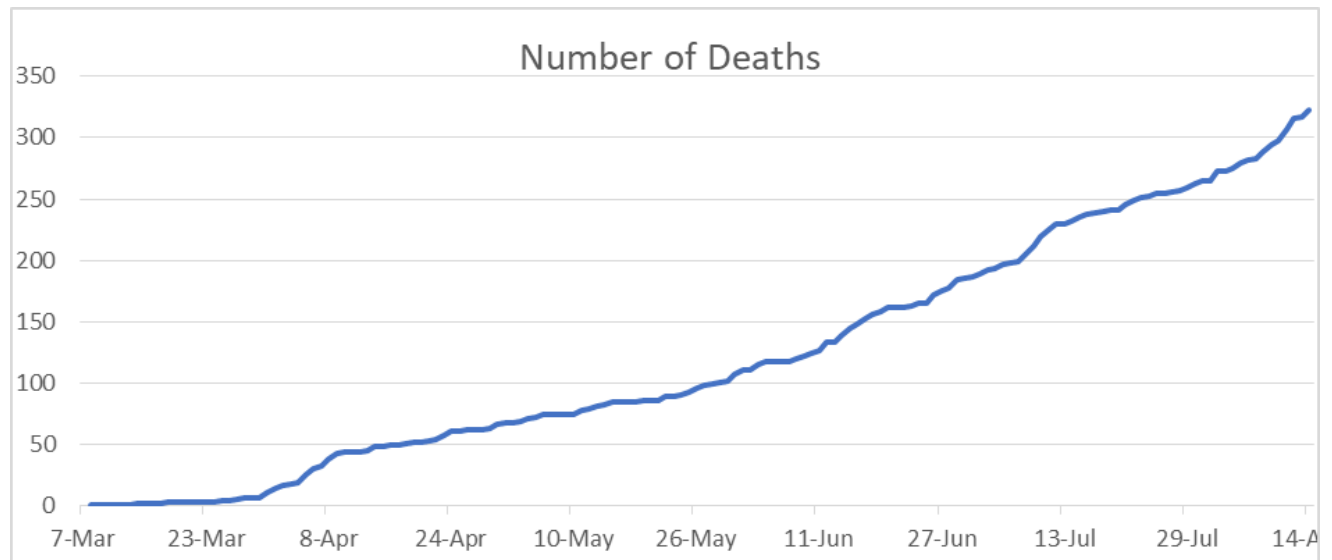
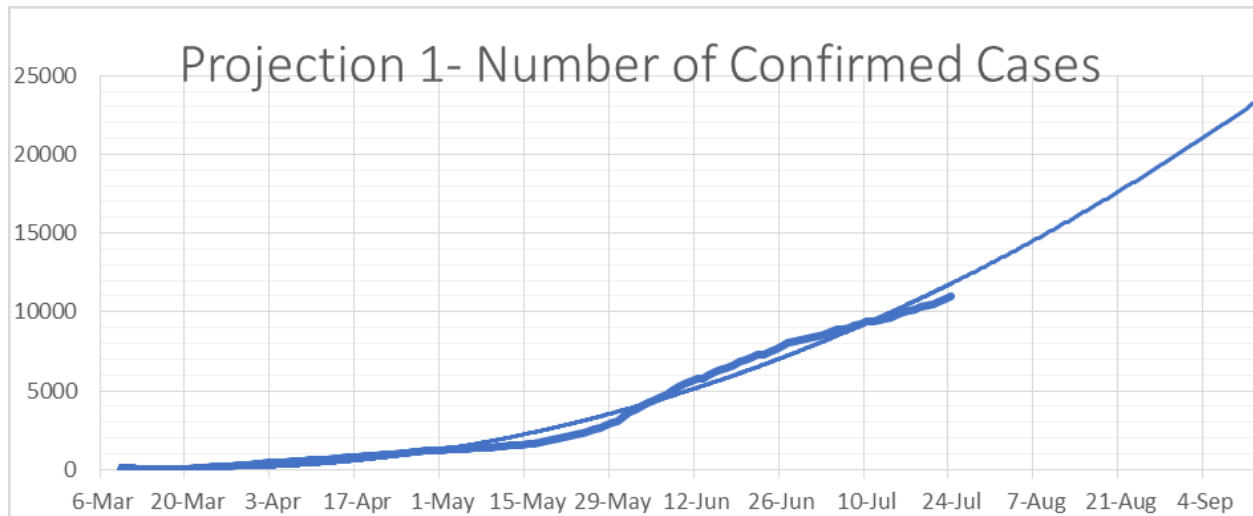
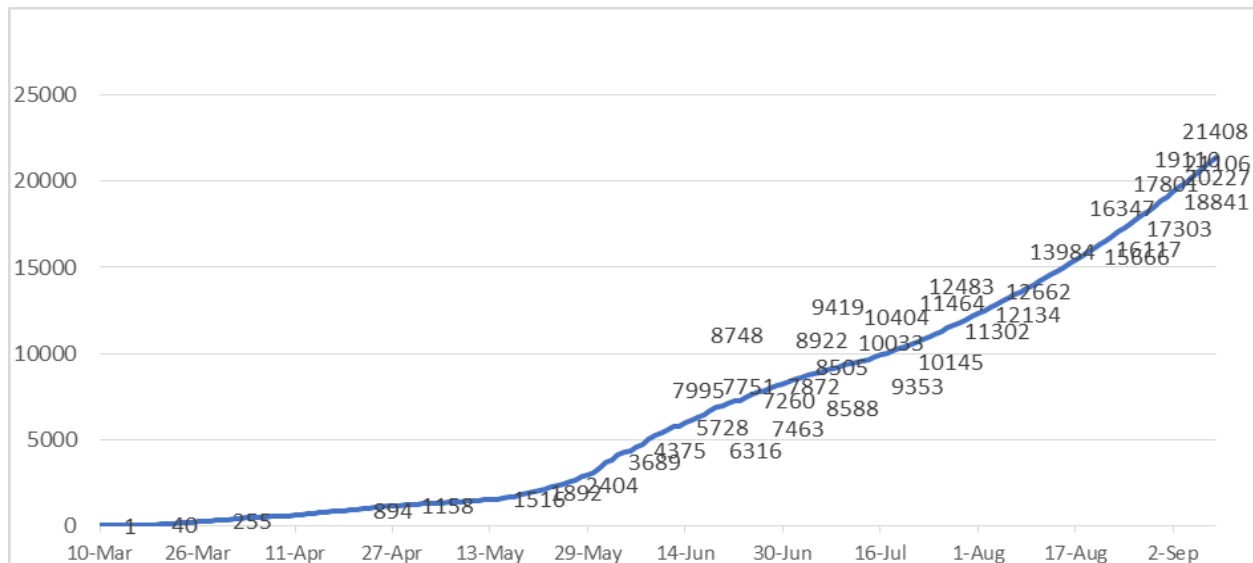


CHART 2: PROJECTION 1-ESTIMATED NUMBER OF CONFIRMED CASES EXTENDED TO SEPTEMBER 2020



Note: The non-linear trendline gave a projected value for **14 August** of **16,000**. The actual value is **15,355** which is relatively close to the projected value. The projected value for **21 August** is **17,500**.

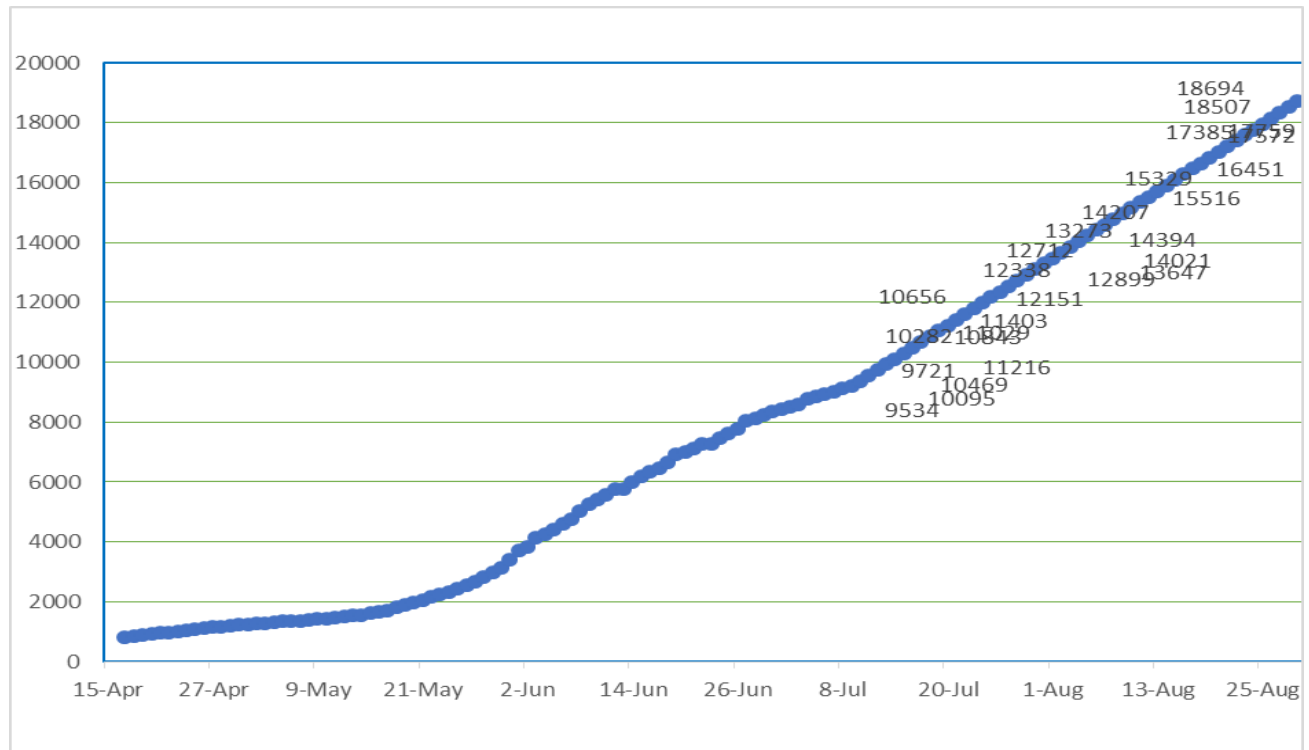
CHART 2A: UPDATED PROJECTION USING GROWTH RATES (17-24 JULY) OF THE NUMBER OF CONFIRMED CASES PROJECTED UP TO SEPTEMBER 2020



Note: The projected value for **14 August** was **14,801**. The actual value is **15,355**, which is relatively close to the projected value and in fact shows an increase in the rate of growth of confirmed cases as compared to the one used to generate this projection. The projected value for **21 August** is **16,347**.

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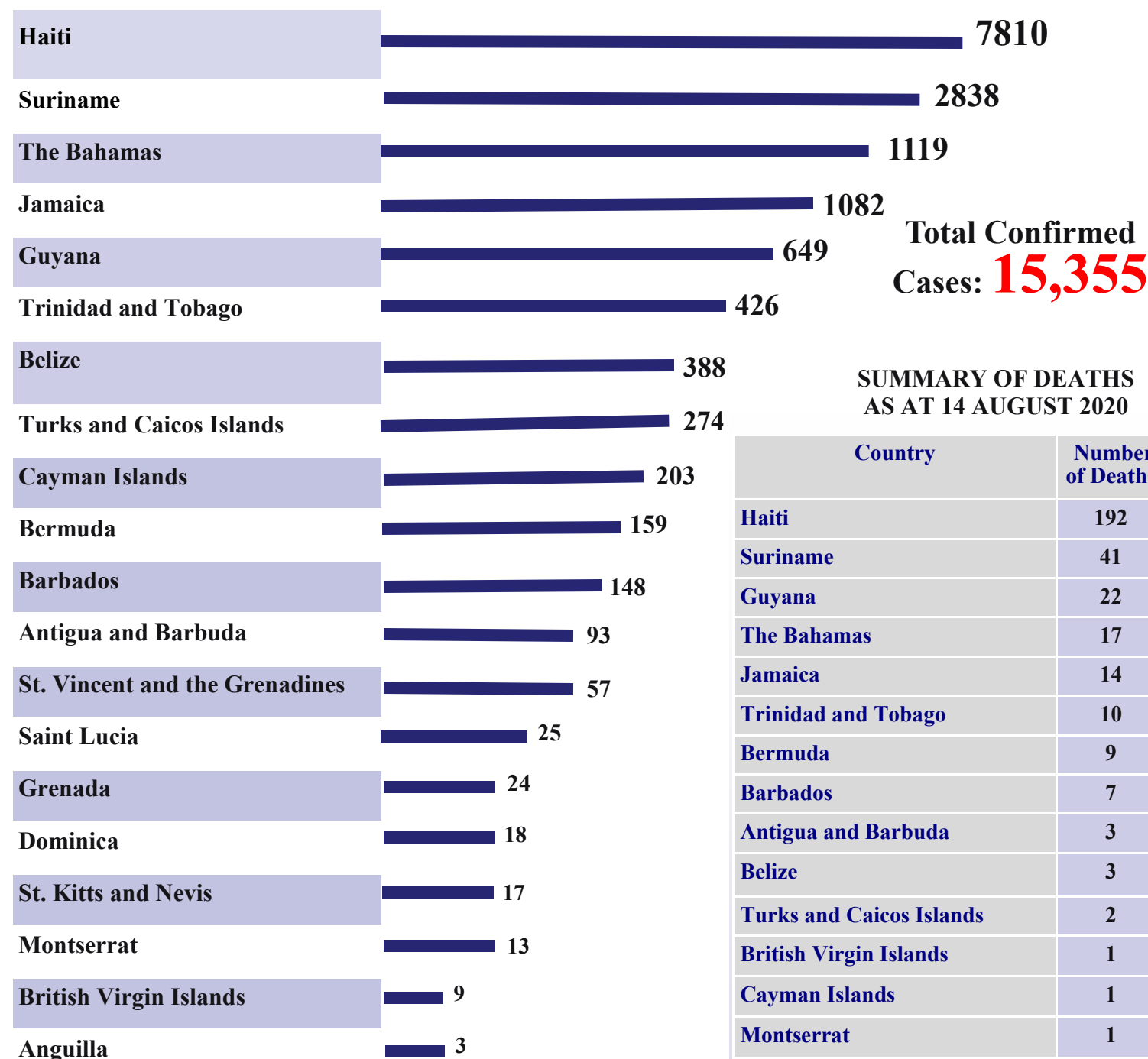
CHART 2B: PROJECTION BASED ON 50 DAY DOUBLING PERIOD- UP TO AUGUST 2020- FITTED WITH ACTUAL VALUES



Note: The projected value for **14 August** was **15,890** as compared to the actual value of **15,355**. The projected value for **14 August** is **15,890**.

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SUMMARY OF CONFIRMED CASES AS AT 14 AUGUST 2020



SUMMARY OF DEATHS AS AT 14 AUGUST 2020

Country	Number of Deaths
Haiti	192
Suriname	41
Guyana	22
The Bahamas	17
Jamaica	14
Trinidad and Tobago	10
Bermuda	9
Barbados	7
Antigua and Barbuda	3
Belize	3
Turks and Caicos Islands	2
British Virgin Islands	1
Cayman Islands	1
Montserrat	1
Dominica	0
Grenada	0
Saint Lucia	0
St. Kitts and Nevis	0
St. Vincent and the Grenadines	0
Anguilla	0

Note: The number of confirmed cases in Haiti is **7810**, which is about **2.75** times (just over **3** times for the previous week) the number of confirmed cases for Suriname (second place) that has **2838** cases, reflecting the continued reduction in the gap between the two countries. The Bahamas has now surpassed Jamaica and is now in third place with 1119 cases with Jamaica in fourth with 1082. Guyana is fifth with **649** confirmed cases (there was a repeat in the daily reporting during the week). Trinidad and Tobago (sixth place) with **426** and Belize (seventh place) with **388** have surpassed the confirmed cases of countries such as Bermuda and Cayman Islands as well as Barbados in the case of Belize. Haiti with an additional **21** deaths, Suriname with **12**, The Bahamas with **3**, Trinidad and Tobago with **2** and Belize and Jamaica each with **1** additional death are the countries that have contributed to the increase of **40** deaths for the reporting period.

Total Deaths: 323

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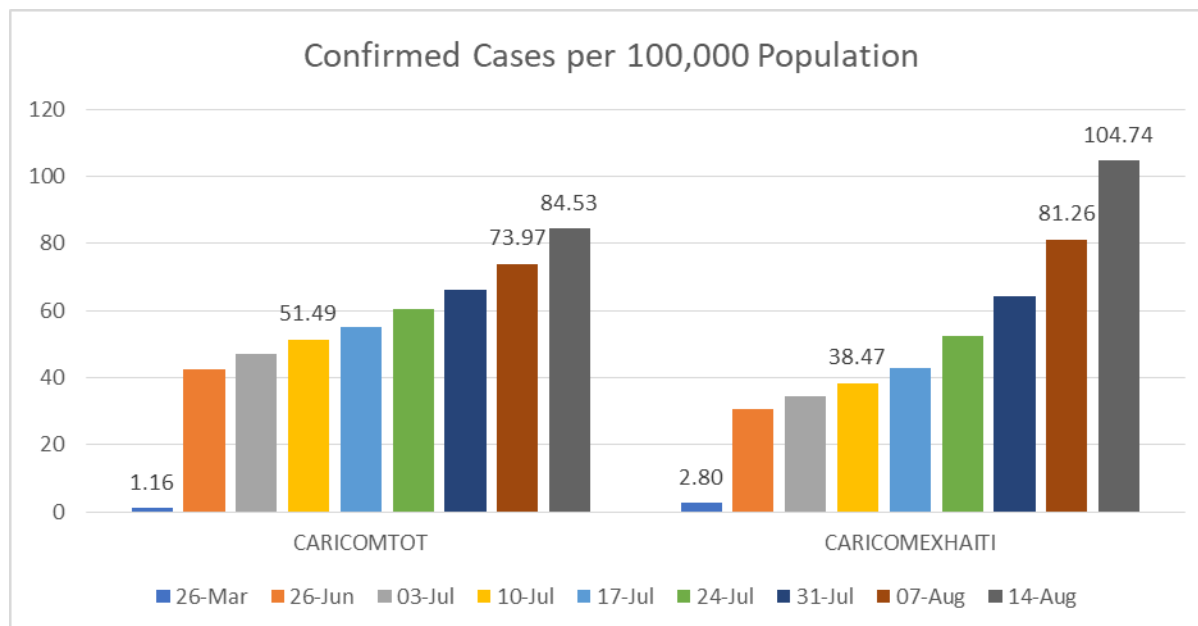
TABLE 2: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION IN CARICOM –SELECTED COUNTRIES– 3 JULY – 14 AUGUST

COUNTRY	DATE						
	03-Jul	10-Jul	17-Jul	24-Jul	31-Jul	07-Aug	14-Aug
CARICOM—ALL COUNTRIES	47.28	51.49	55.23	60.48	66.26	73.97	84.53
CARICOM EXCLD HAITI	34.52	38.47	42.83	52.60	64.19	81.26	104.74
ANTIGUA AND BARBUDA	71.57	77.88	79.99	86.30	95.78	96.83	97.88
THE BAHAMAS	27.27	28.32	33.83	82.87	150.53	217.66	293.45
BARBADOS	35.32	35.68	37.87	39.33	40.05	50.25	53.89
BERMUDA	228.22	234.47	237.60	239.16	243.85	245.42	248.54
BELIZE	7.54	9.30	10.05	12.06	12.06	36.68	97.48
CAYMAN ISLANDS	305.41	305.41	308.45	308.45	308.45	308.45	308.45
GUYANA	34.55	39.14	43.18	47.50	55.74	72.60	87.58
HAITI	53.46	57.68	60.89	63.07	64.95	66.44	68.44
JAMAICA	26.43	27.61	28.16	28.16	32.19	36.19	39.67
SAINT LUCIA					13.97	13.97	13.97
ST VINCENT AND THE GRENADINES	26.13	26.13	31.53	46.85	48.65	50.45	51.35
SURINAME	94.51	124.53	161.75	223.84	292.62	377.87	486.79
TRINIDAD & TOBAGO	9.56	9.79	10.01	10.45	12.43	16.55	31.34
TURKS AND CAICOS ISLANDS	106.54	159.81	181.60	222.76	276.03	411.62	663.44

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

Of the countries with 25 + confirmed cases, the top five countries for the number of confirmed cases per 100,000 population as at 14 August are: *Turks and Caicos Islands (663.44), Suriname (486.79), Cayman Islands (308.45), The Bahamas (293.45) and Bermuda (248.54)*. *Antigua and Barbuda follows with 97.88, Belize with 97.48 and Guyana is on 87.58. Haiti's rate is 68.44* Montserrat (less than 25 confirmed cases) not shown in this table has the fifth highest rate with 260 cases per 100, 000 population.

**CHART 3: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION-
CARICOM WITH AND WITHOUT HAITI 26 MARCH-14 AUGUST 2020**



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CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES 26 MARCH– 14 AUGUST 2020

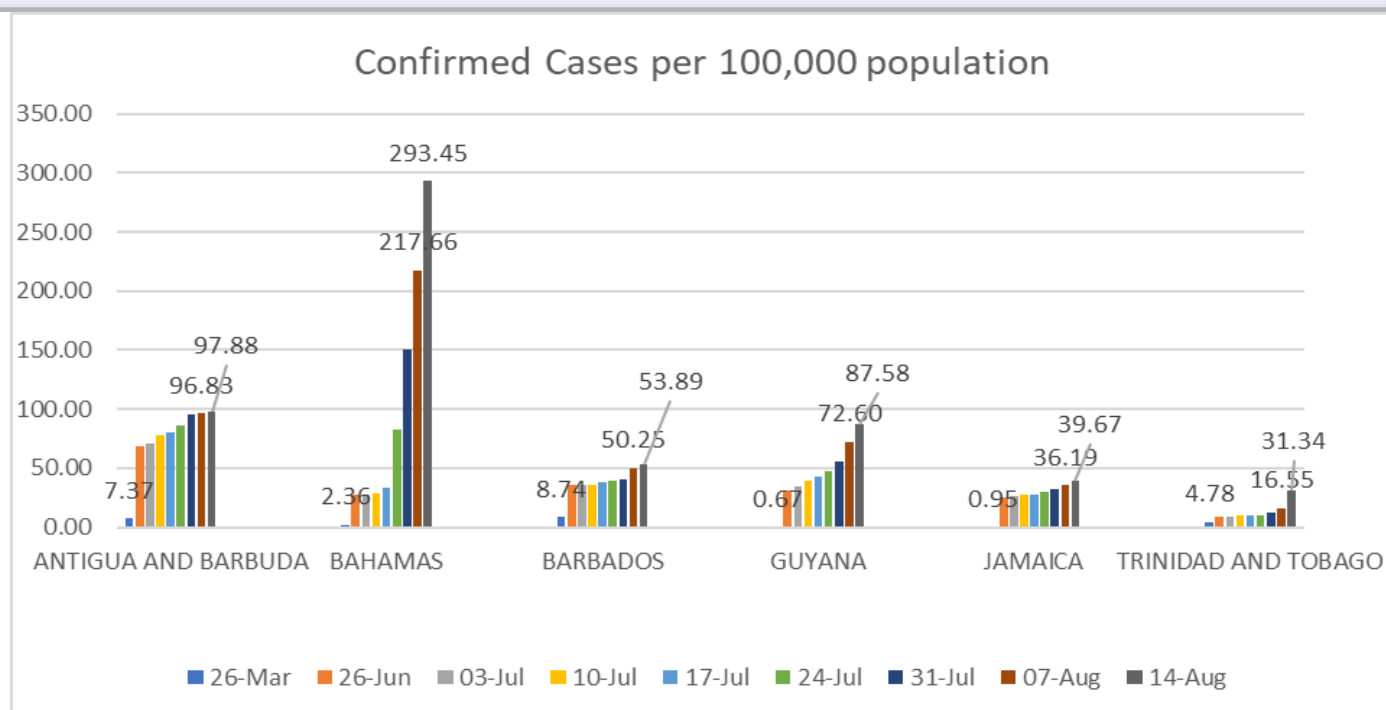
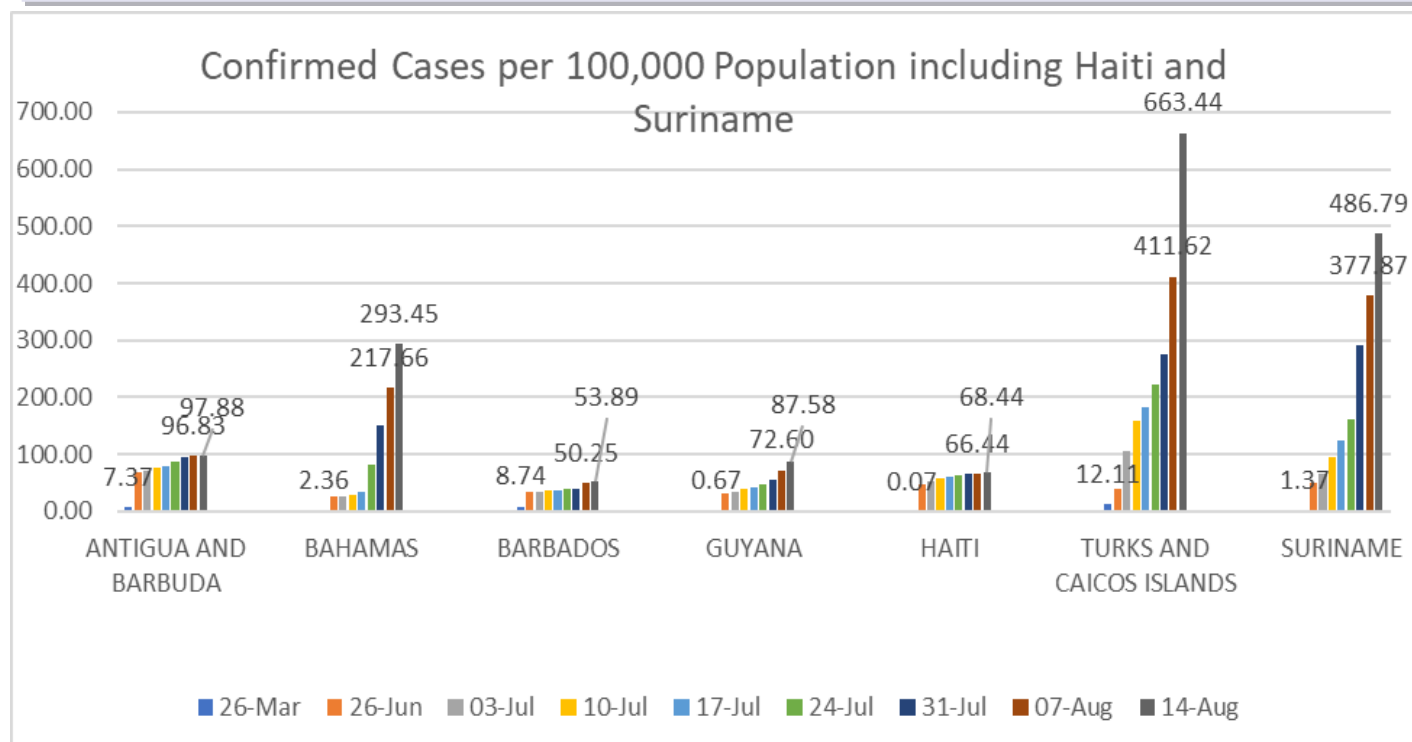


CHART 3B: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES (WITH HAITI AND SURINAME) 26 MARCH– 14 AUGUST 2020



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CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS -26 MARCH– 14 AUGUST 2020

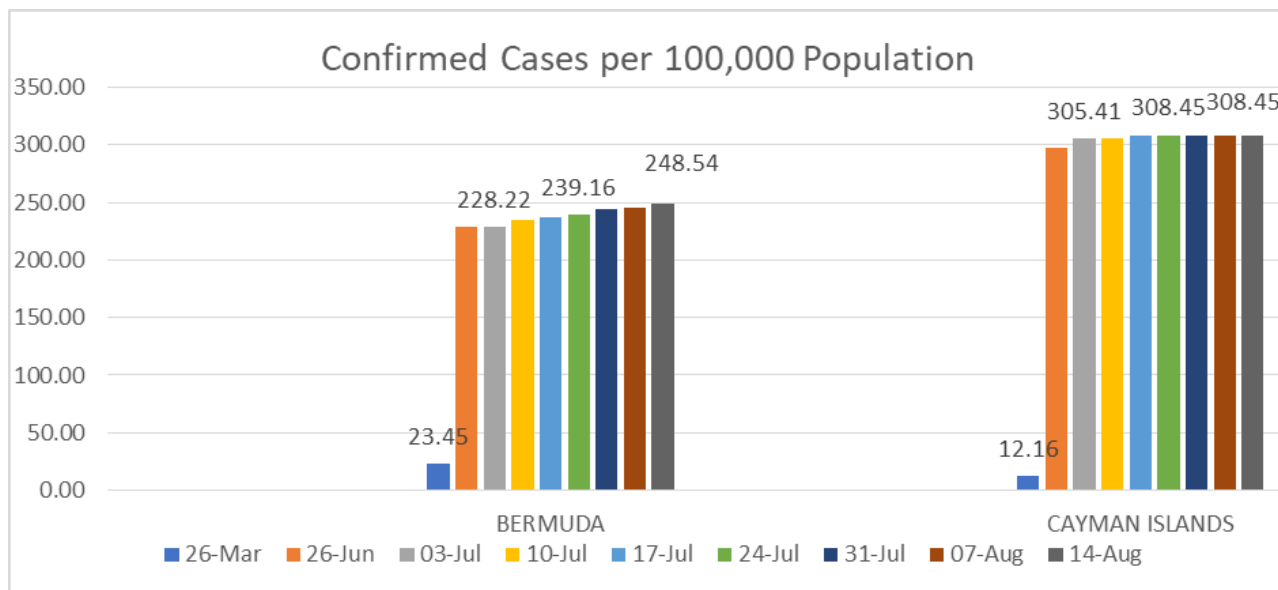
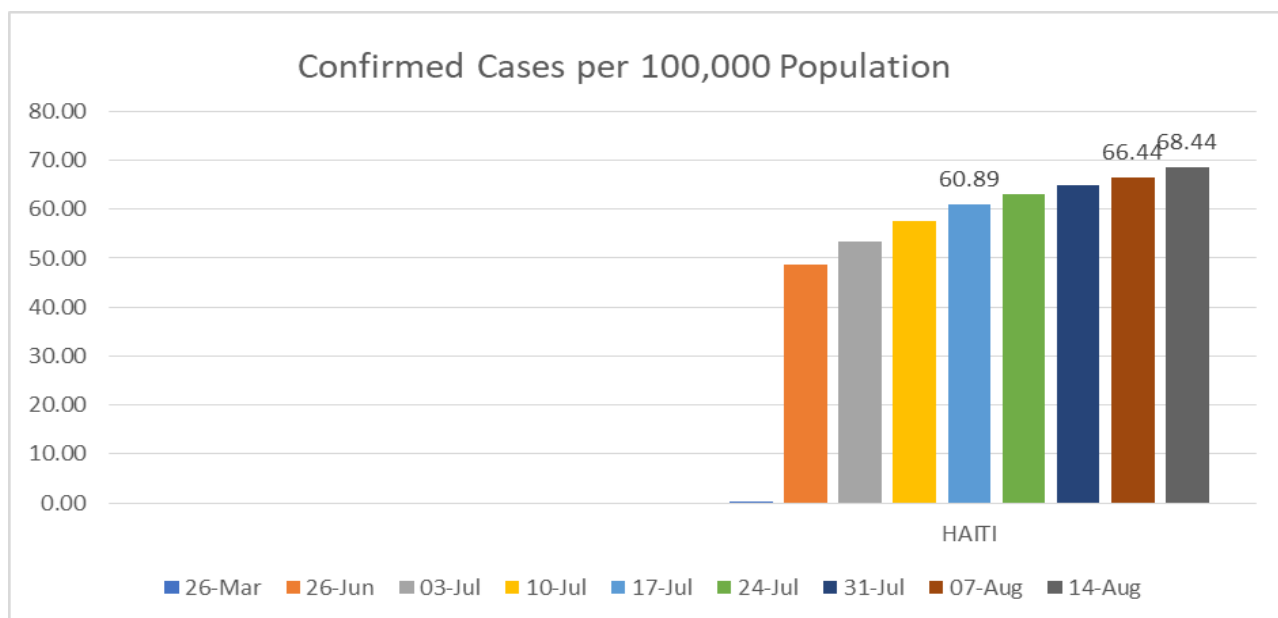
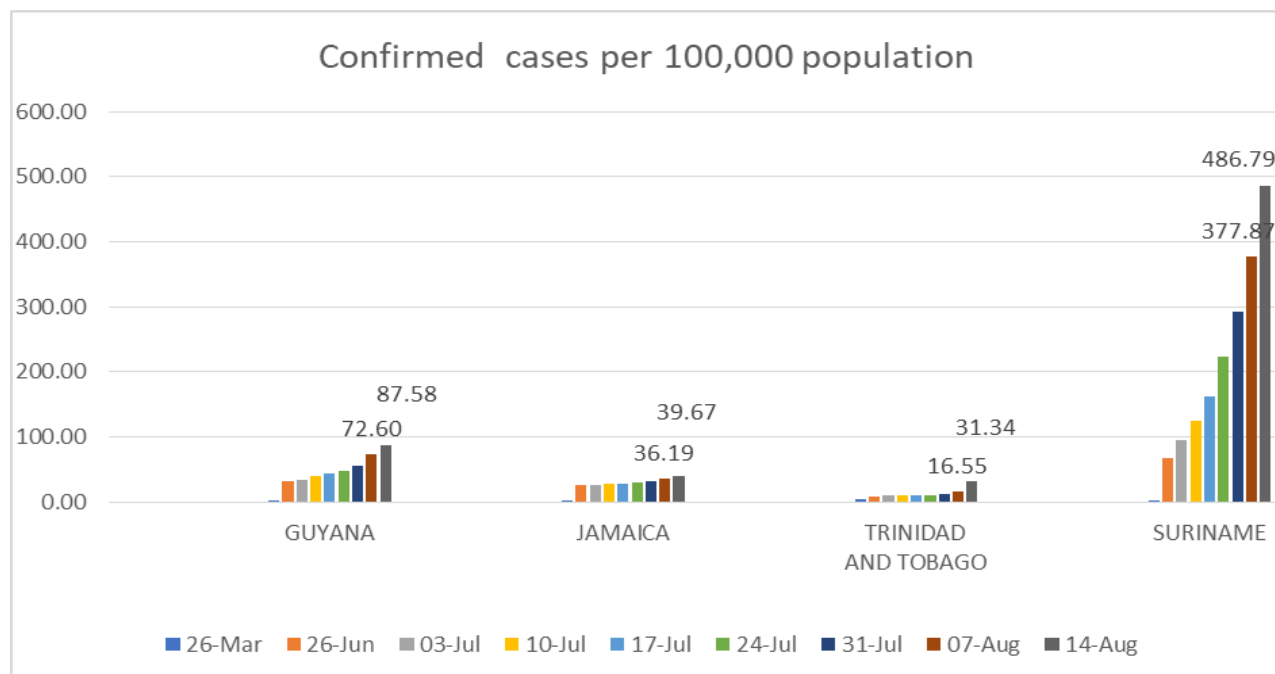


CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- HAITI - 26 MARCH– 14 AUGUST 2020

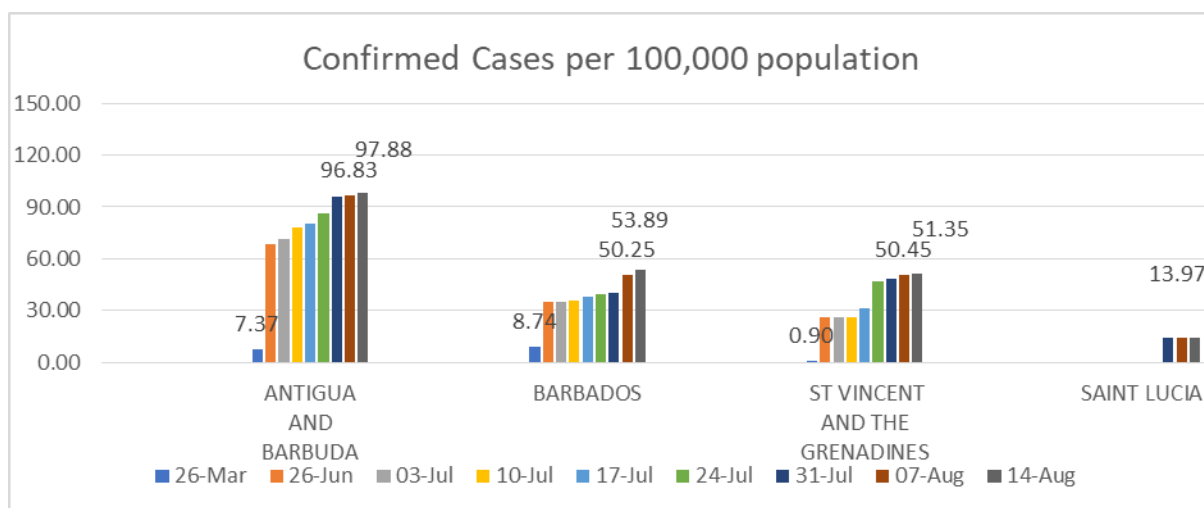


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**CHART 3E: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
GUYANA, JAMAICA, TRINIDAD AND TOBAGO AND SURINAME
26 MARCH– 14 AUGUST 2020**



**CHART 3F: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
ANTIGUA AND BARBUDA, BARBADOS, ST. VINCENT AND THE GRENADINES
AND SAINT LUCIA
26 MARCH– 14 AUGUST 2020**



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**TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION
3 JULY – 14 AUGUST 2020**

	DATE						
	3- July	10- July	17- July	24- July	31- July	07- August	14- August
CARICOM - ALL COUNTRIES	1.06	1.21	1.32	1.39	1.46	1.56	1.78
CARICOM EXCL. HAITI	1.14	1.24	1.30	1.36	1.44	1.55	1.82
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	3.67	3.67	4.46
BARBADOS	2.55	2.55	2.55	2.55	2.55	2.55	2.55
BERMUDA	14.07	14.07	14.07	14.07	14.07	14.07	14.07
BELIZE	0.50	0.50	0.50	0.50	0.50	0.50	0.75
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	1.89	2.16	2.56	2.70	2.70	2.97	2.97
HAITI	0.96	1.14	1.27	1.35	1.41	1.50	1.68
JAMAICA	0.37	0.37	0.37	0.37	0.37	0.48	0.51
MONTSERRAT	20.0	20.0	20.00	20.00	20.00	20.00	20.00
SURINAME	2.23	3.09	3.26	3.95	4.46	4.97	7.03
TRINIDAD & TOBAGO	0.59	0.59	0.59	0.59	0.59	0.59	0.74
TURKS AND CAICOS ISLANDS	4.84	4.84	4.84	4.84	4.84	4.84	4.84

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

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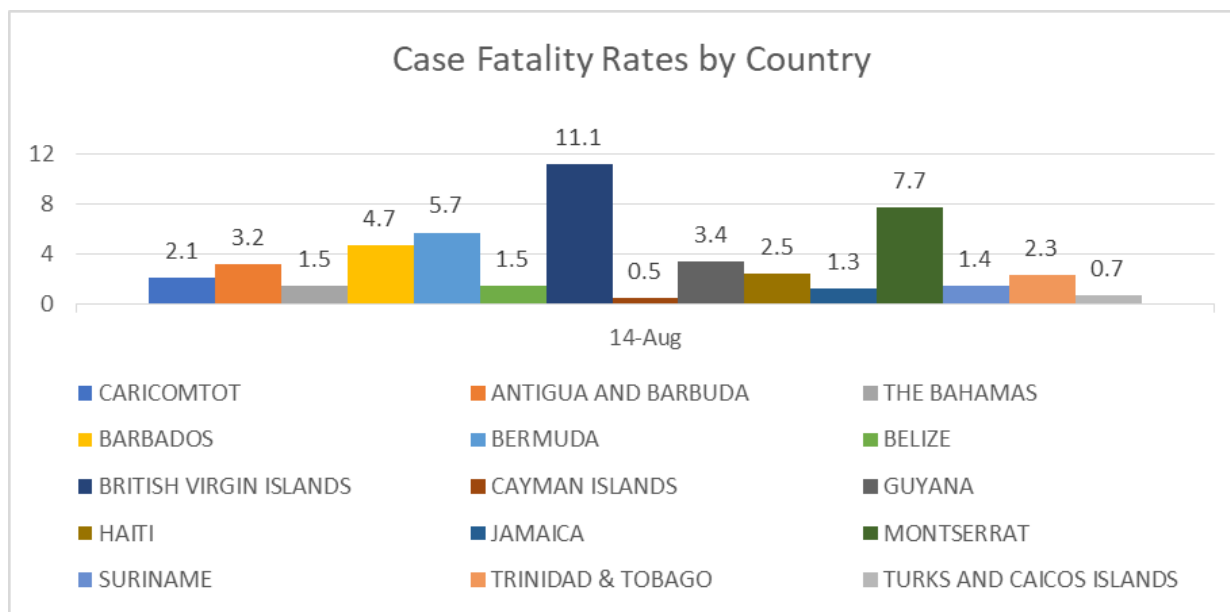
**TABLE 3A: DEATHS AS A PERCENTAGE OF THE NUMBER OF
CONFIRMED CASES– CASE FATALITY RATES –3 JULY – 14 AUGUST**

	Date						
COUNTRY	03-Jul	10-Jul	17-Jul	24-Jul	31-Jul	07-Aug	14-August
CARICOM-ALL COUNTRIES	2.2	2.3	2.4	2.3	2.2	2.1	2.1
ANTIGUA AND BARBUDA	4.4	4.1	3.9	3.7	3.3	3.3	3.2
THE BAHAMAS	10.6	10.2	8.5	3.5	3.0	1.7	1.5
BARBADOS	7.2	7.1	6.7	6.5	6.4	5.1	4.7
BERMUDA	6.2	6.0	5.9	5.9	5.8	5.7	5.7
BELIZE	6.7	5.4	5.0	4.2	4.2	1.4	0.8
BRITISH VIRGIN ISLANDS	12.5	12.5	12.5	12.5	12.5	11.1	11.1
CAYMAN ISLANDS	0.5	0.5	0.5	0.5	0.5	0.5	0.5
GUYANA	5.5	5.5	5.9	5.7	4.8	4.1	3.4
HAITI	1.8	2.0	2.1	2.1	2.2	2.3	2.5
JAMAICA	1.4	1.3	1.3	1.2	1.1	1.3	1.3
MONTSERRAT	9.1	9.1	9.1	8.3	7.7	7.7	7.7
SURINAME	2.3	2.5	2.0	1.8	1.5	1.3	1.4
TRINIDAD & TOBAGO	6.2	6.0	5.9	5.6	4.7	3.6	2.3
TURKS AND CAICOS ISLANDS	4.5	2.9	2.7	2.2	1.8	1.2	0.7

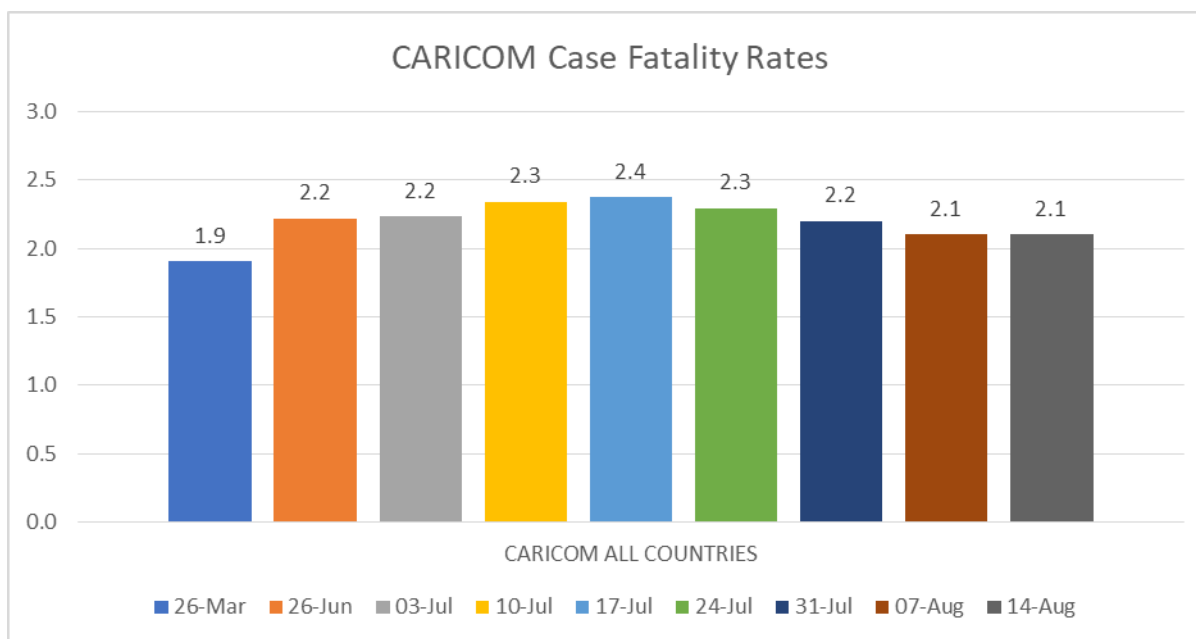
Note: The number of deaths to confirmed cases reflects a fatality rate that does not take the population size into consideration. Please check previous issues for values for earlier periods.

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**CHART 4: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
ALL COUNTRIES-CASE FATALITY RATES AS AT 14 AUGUST 2020**

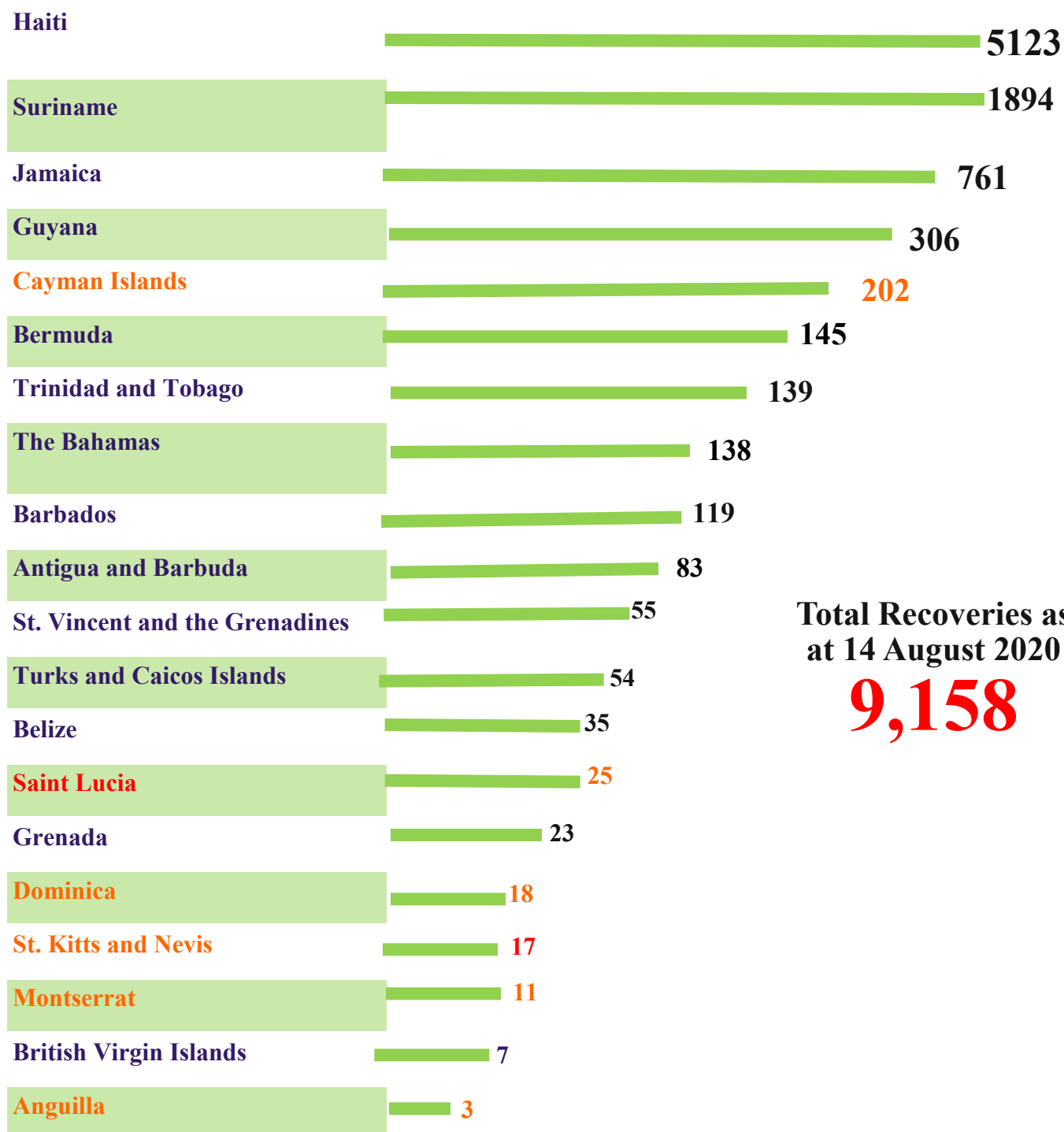


**CHART 4A: CARICOM—ALL COUNTRIES- CASE FATALITY RATES
26 MARCH - 14 AUGUST**



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SUMMARY OF RECOVERED CASES AS AT 14 AUGUST 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 14 AUGUST 2020

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPITALISATIONS
Haiti	7810	5123	2495	19888	185 ^e
Suriname	2838	1894	903	5284	153
Jamaica	1082	761	245	45720	59
Guyana	649	306	321	5849	
Cayman Islands	203	202	0	32468	0
Bermuda	159	145	5	31582	0
Trinidad and Tobago	426	139	277	12937	226
The Bahamas	1119	138	961	7322	35
Barbados	148	119	22	14037	
Antigua and Barbuda	93	83	7	1695	
St Vincent and the Grenadines	57	55	2	2740	
Turks and Caicos Islands	274	54	217	1672	2
Belize	388	35	350	4860	
Saint Lucia	25	25	0	4465	0
Grenada	24	23	1	1125	0
Dominica	18	18	0	1005	0
St Kitts and Nevis	17	17	0	1302	0
Montserrat	13	11	0	240	0
British Virgin Islands	9	7	1	1522	
Anguilla	3	3	0	483	0
Total	15,355	9,158	5,807	196,196	

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

All active cases in **Anguilla, Cayman Islands, Dominica, Montserrat, Saint Lucia and St Kitts and Nevis** have recovered up to the end of the reporting period **14 August**.

The following countries **had no active cases** in past reporting periods and now have active cases: **British Virgin Islands (1), Grenada (1), St Vincent and the Grenadines (2), Bermuda (5), Barbados (22), Trinidad and Tobago (277), Turks and Caicos Islands (217), Belize (350) and Suriname (903).**

Antigua and Barbuda has 7 active cases, **The Bahamas** 961, **Guyana**, 321, **Jamaica**, 245 and **Haiti**, 2495.

Ten (10) countries have 10 or less active cases, the same number as for the last reporting period.

**Table 5: NUMBER OF TESTS AND RATE PER 100,000 POPULATION –
AS AT 14 AUGUST 2020**

COUNTRY	NO. OF TESTS	NO. OF TESTS PER 100,000
Anguilla	483	3220.0
Antigua and Barbuda	1695	1783.9
Bahamas	7322	1920.2
Barbados	14037	5111.2
Belize	4860	1221.0
Bermuda	31582	49367.7
British Virgin Islands	1522	5221.1
Cayman Islands	32468	49333.7
Dominica	1005	1395.8
Grenada	1125	1009.3
Guyana	5849	789.3
Haiti	19888	174.3
Jamaica	45720	1676.3
Montserrat	240	4800.0
Saint Lucia	4465	2494.4
St Kitts and Nevis	1302	2456.6
St Vincent and the Grenadines	2740	2468.5
Suriname	5284	906.3
Trinidad and Tobago	12937	951.8
Turks and Caicos Islands	1672	4048.4

Note: The top five countries based on the number of tests per 100,000 population are: **Bermuda, (49,367.7)** **Cayman Islands (49,333.7), British Virgin Islands (5221.21, Barbados (5111.2) and Montserrat (4800.0)** in that order.

It is not known whether these tests are a mix of Rapid Tests and PCR or [Polymerase Chain Reaction testing](#). Wherever this is known, the Rapid Tests are removed from the total number of tests conducted. However, a few countries have been able to obtain PCR-based testing equipment from other countries such as the United Kingdom.

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

18 APRIL - 14 AUGUST 2020

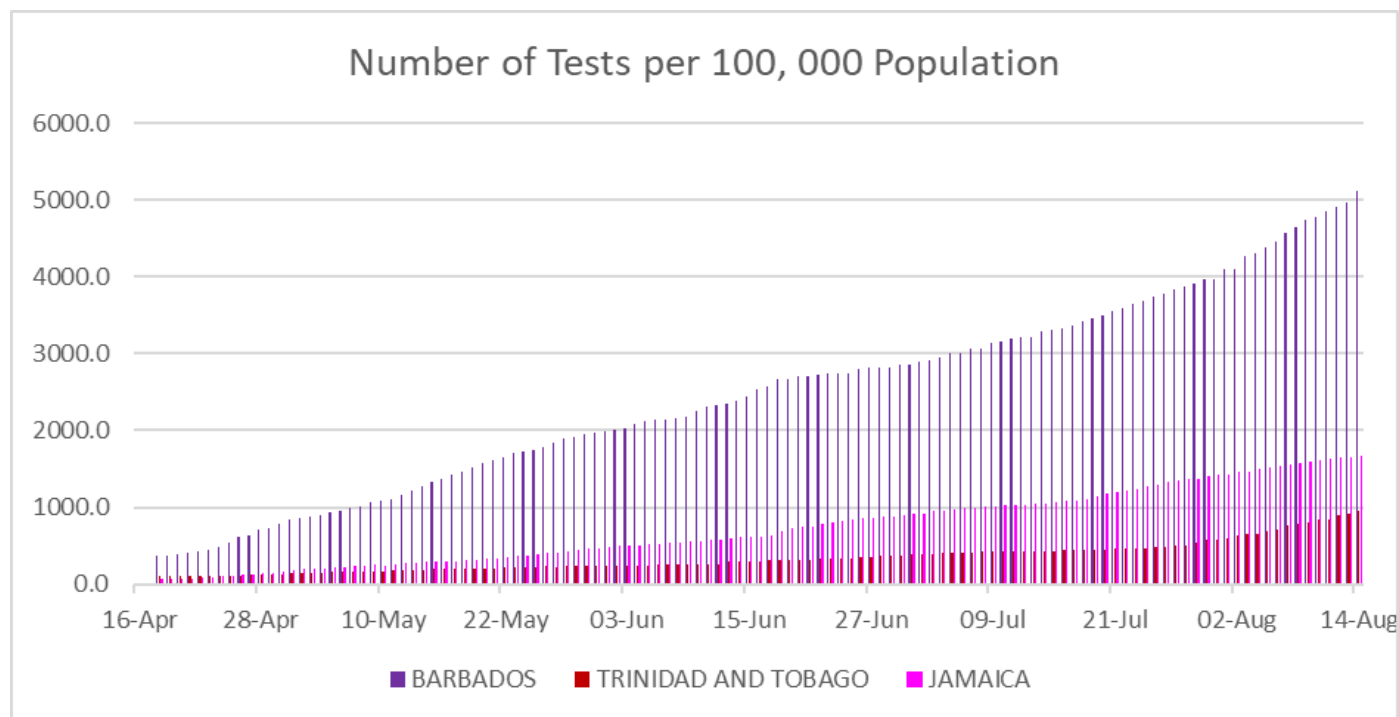
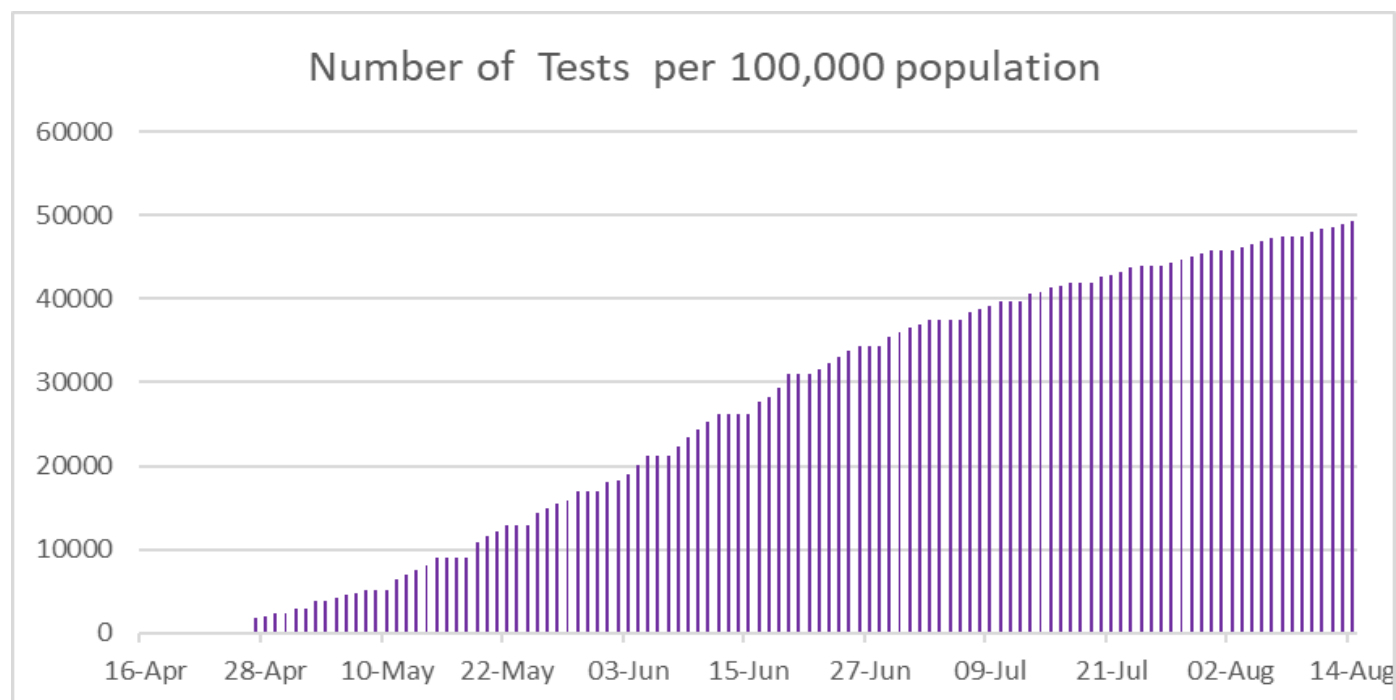


CHART 5A: NUMBER OF TESTS PER 100, 000 POPULATION— CAYMAN ISLANDS

27 APRIL— 14 AUGUST 2020



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CHART 5B: NUMBER OF RECOVERIES - BARBADOS

18 APRIL - 14 AUGUST 2020

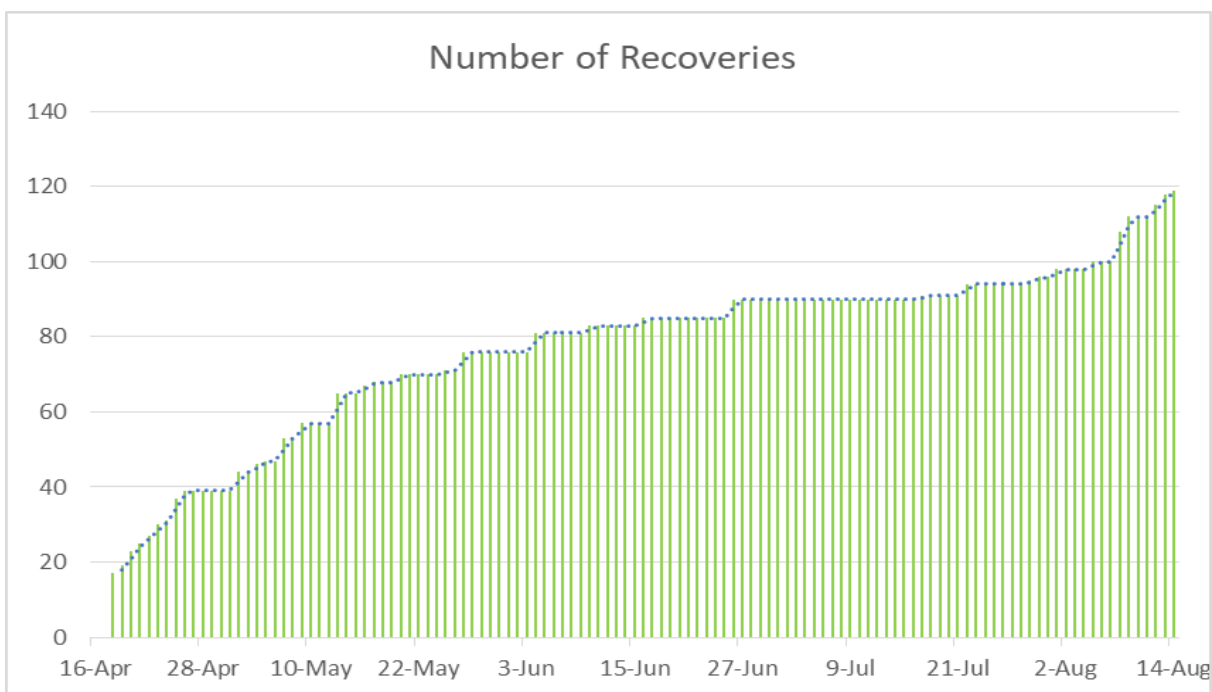
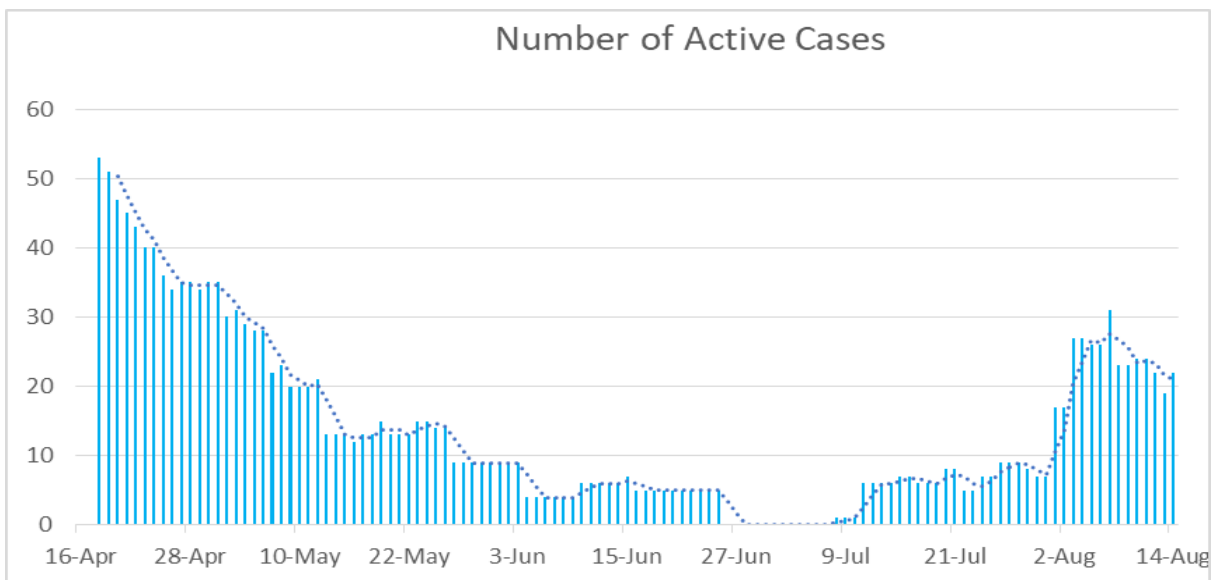


CHART 5C: NUMBER OF ACTIVE CASES - BARBADOS

18 APRIL - 14 AUGUST 2020



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CHART 5D: NUMBER OF TESTS CONDUCTED - BARBADOS

18 APRIL - 14 AUGUST 2020

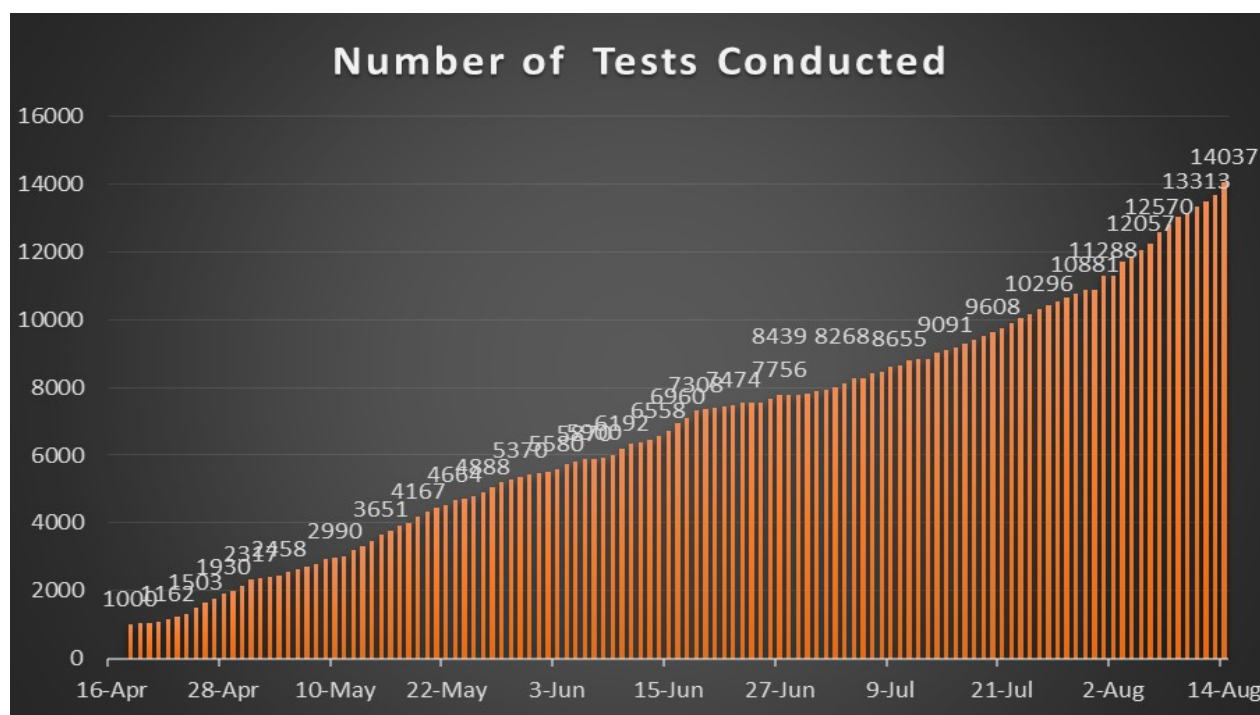


CHART 5E: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - BARBADOS

18 APRIL - 14 AUGUST 2020

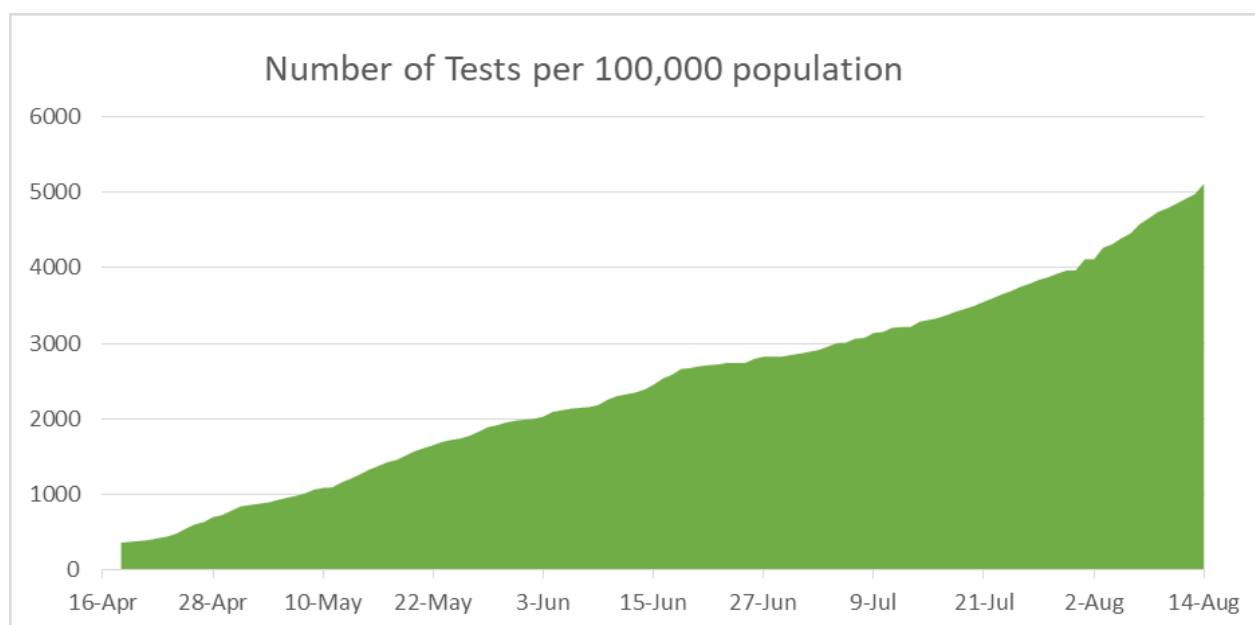


CHART 5F: NUMBER OF RECOVERIES - JAMAICA
18 APRIL– 14 AUGUST 2020

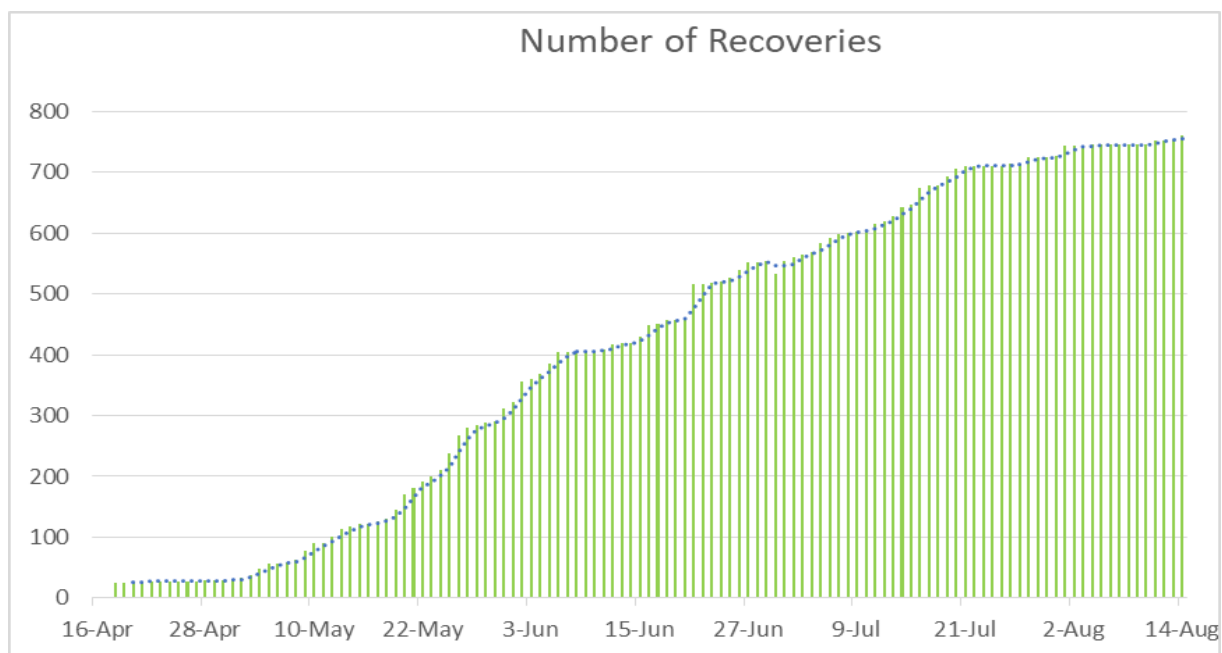
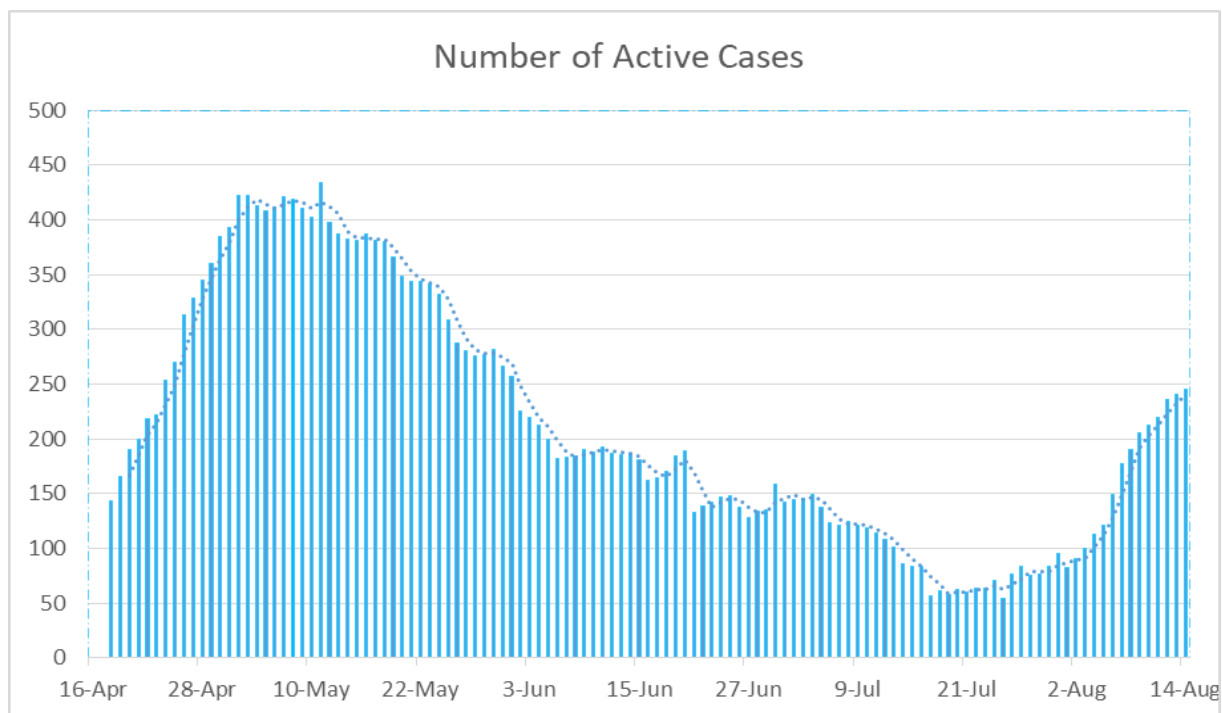


CHART 5G: NUMBER OF ACTIVE CASES - JAMAICA
18 APRIL - 14 AUGUST 2020



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CHART 5H: NUMBER OF TESTS CONDUCTED - JAMAICA
18 APRIL - 14 AUGUST 2020

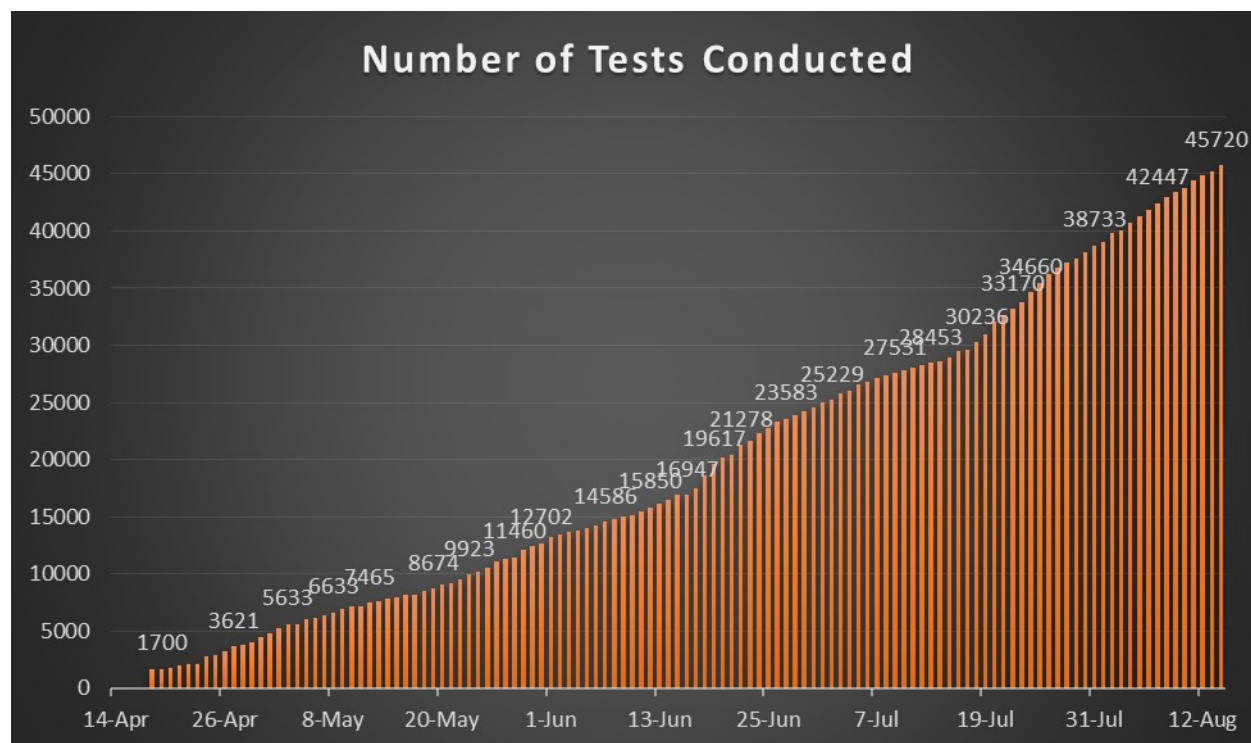
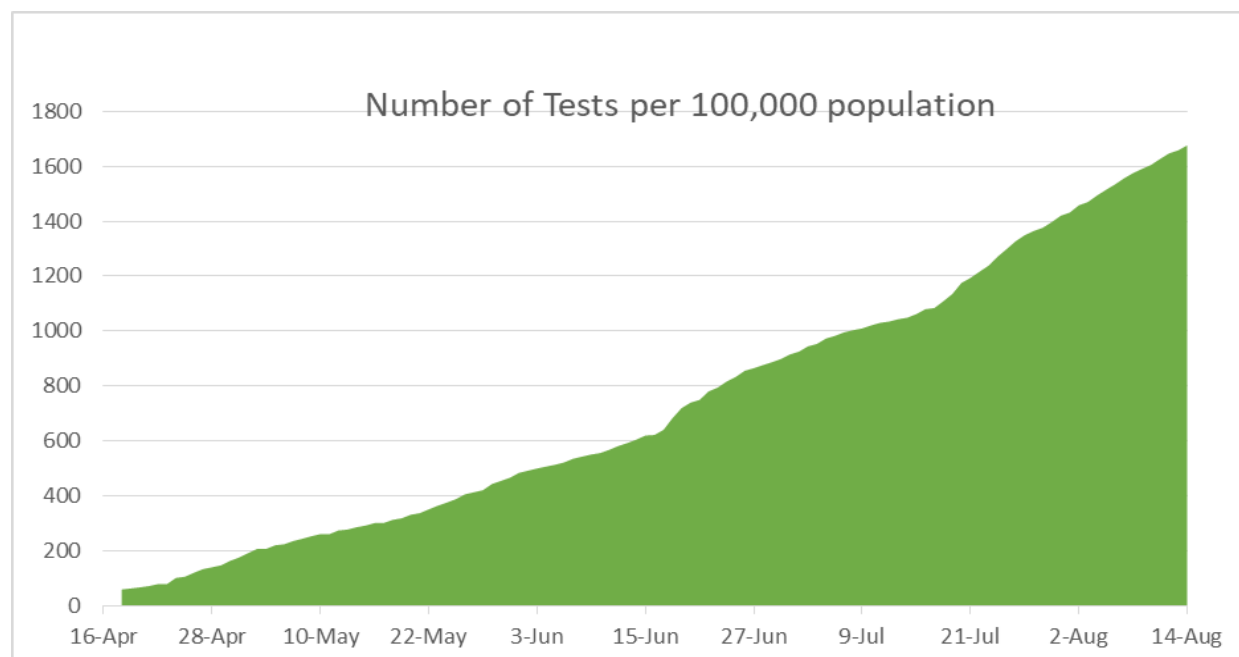


CHART 5I: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - JAMAICA
18 APRIL - 14 AUGUST 2020



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CHART 5J: NUMBER OF RECOVERIES - TRINIDAD AND TOBAGO
18 APRIL - 14 AUGUST 2020

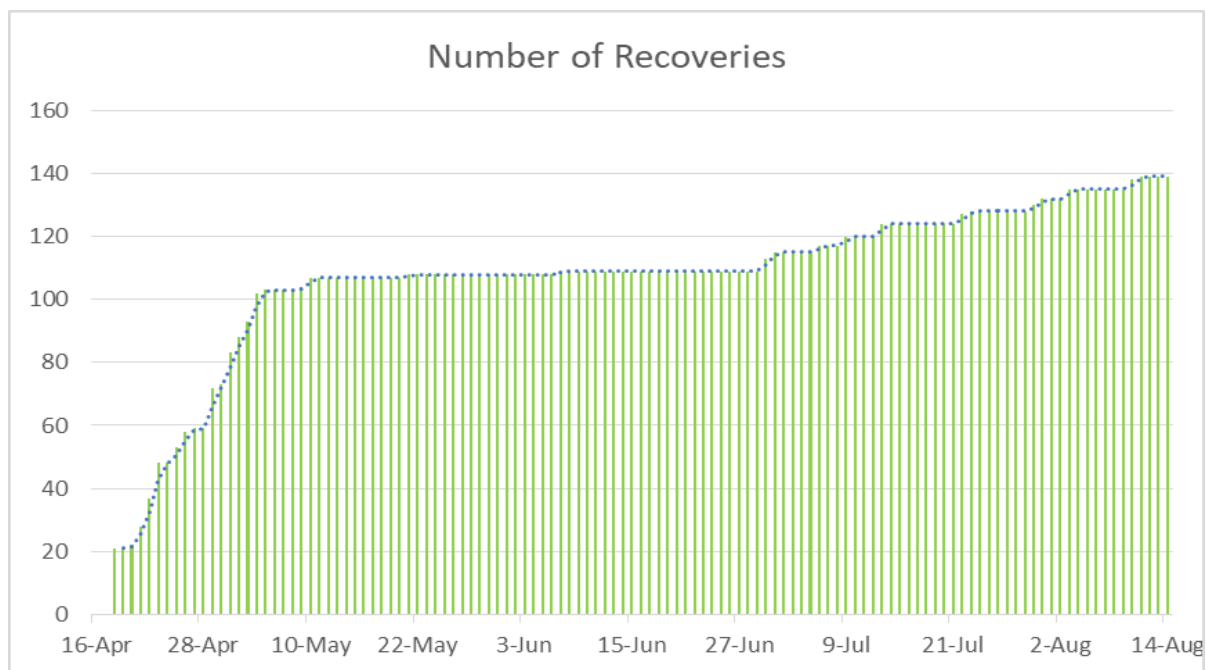
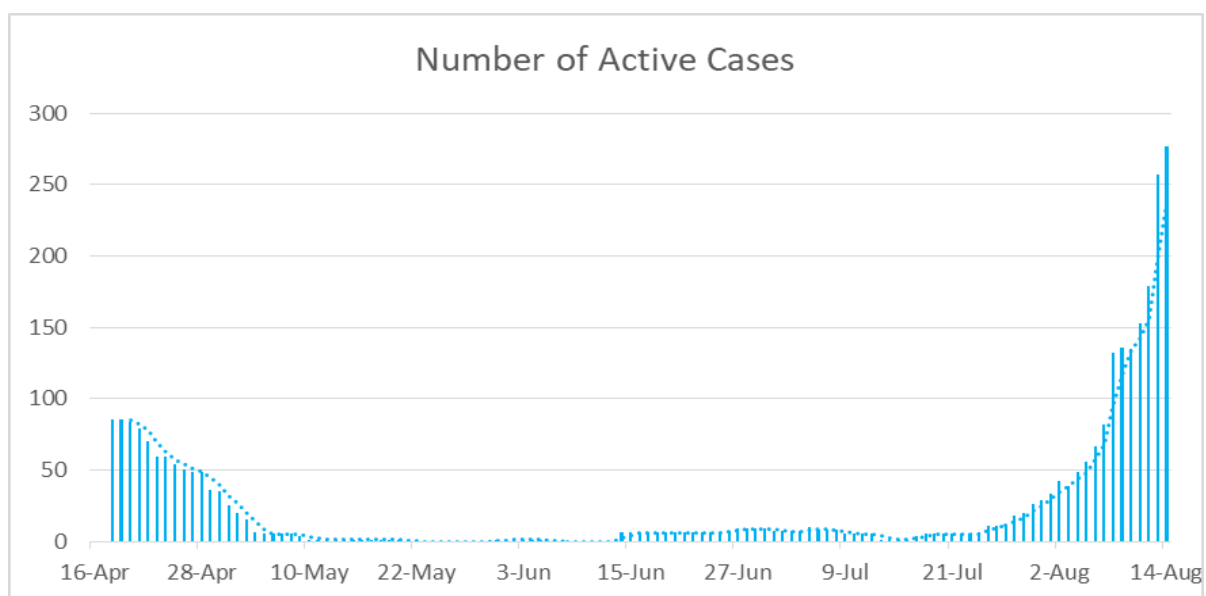
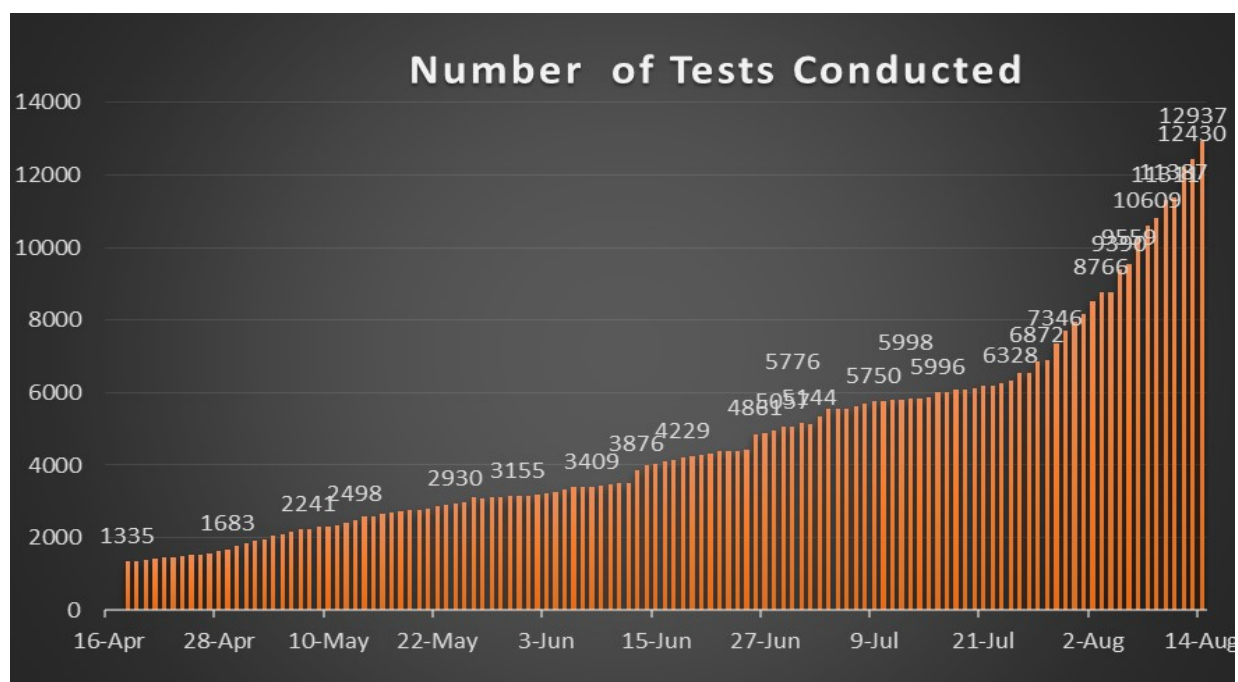


CHART 5K: NUMBER OF ACTIVE CASES- TRINIDAD AND TOBAGO
18 APRIL - 14 AUGUST 2020

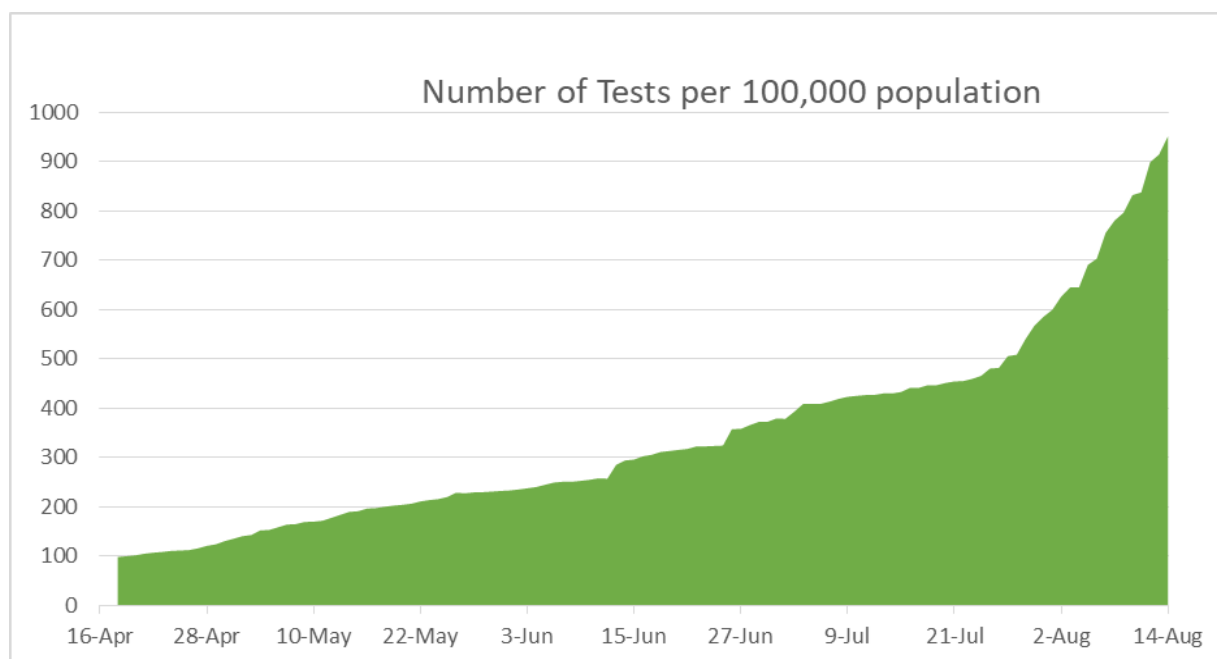


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**CHART 5L: NUMBER OF TESTS CONDUCTED - TRINIDAD AND TOBAGO
18 APRIL - 14 AUGUST 2020**



**CHART 5M: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - TRINIDAD
AND TOBAGO
18 APRIL - 14 AUGUST 2020**



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CHART 5N: NUMBER OF RECOVERIES - BERMUDA
18 APRIL - 14 AUGUST 2020

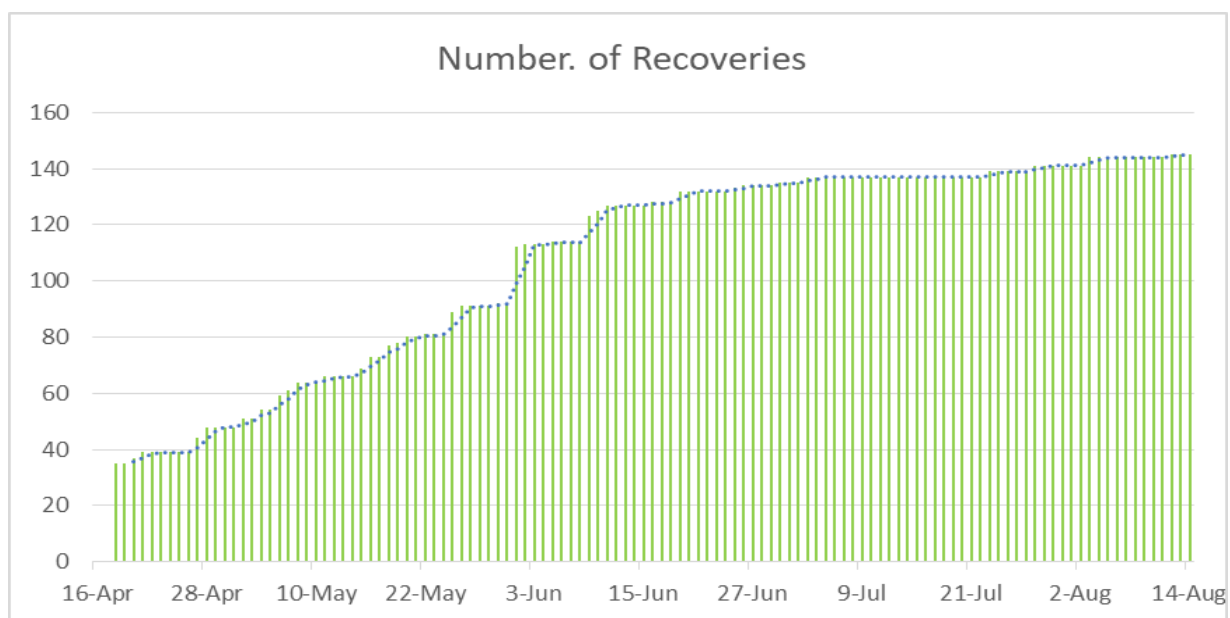
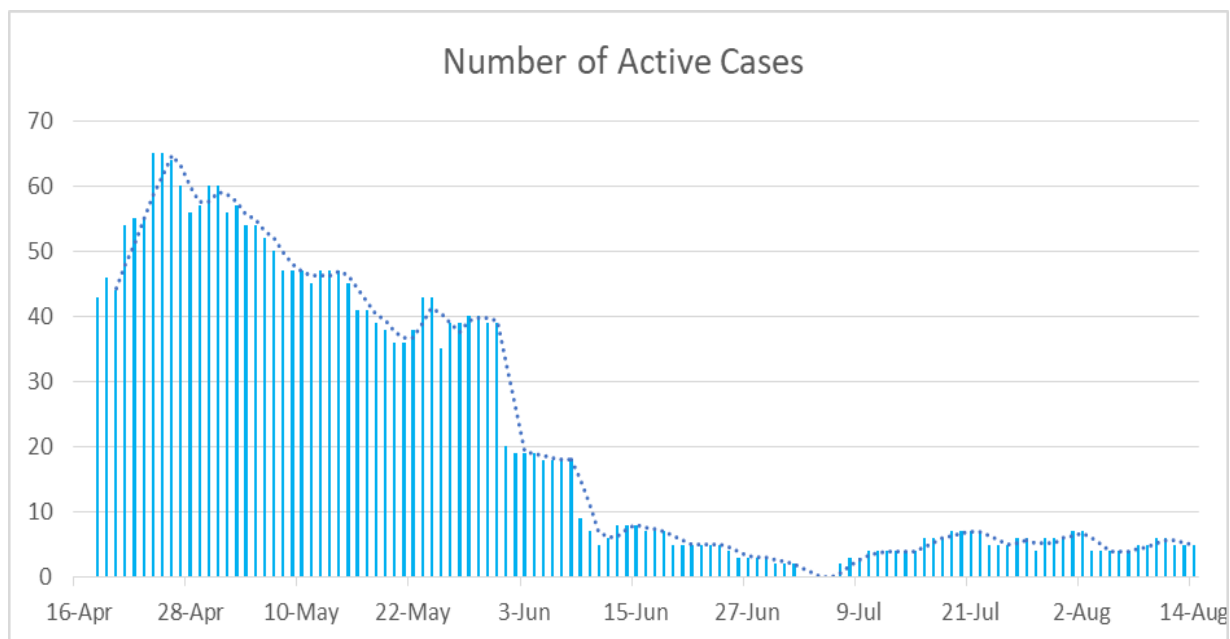


CHART 5O: NUMBER OF ACTIVE CASES - BERMUDA
18 APRIL - 14 AUGUST 2020



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CHART 5P: NUMBER OF TESTS CONDUCTED - BERMUDA
18 APRIL - 14 AUGUST 2020

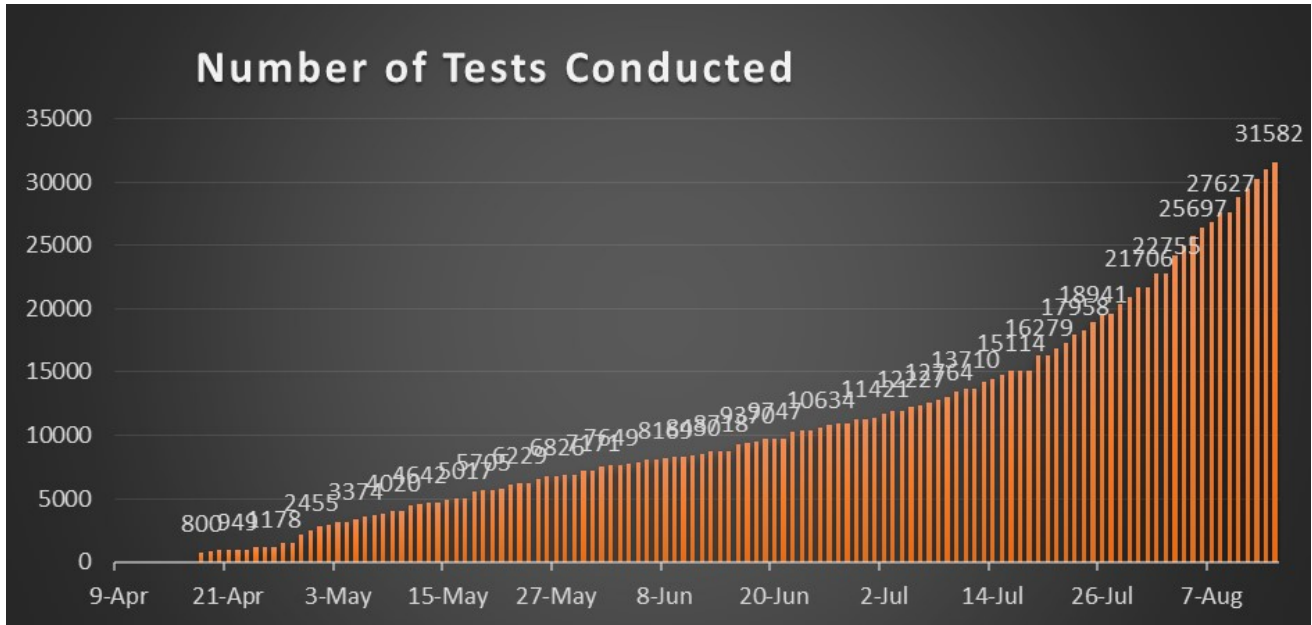
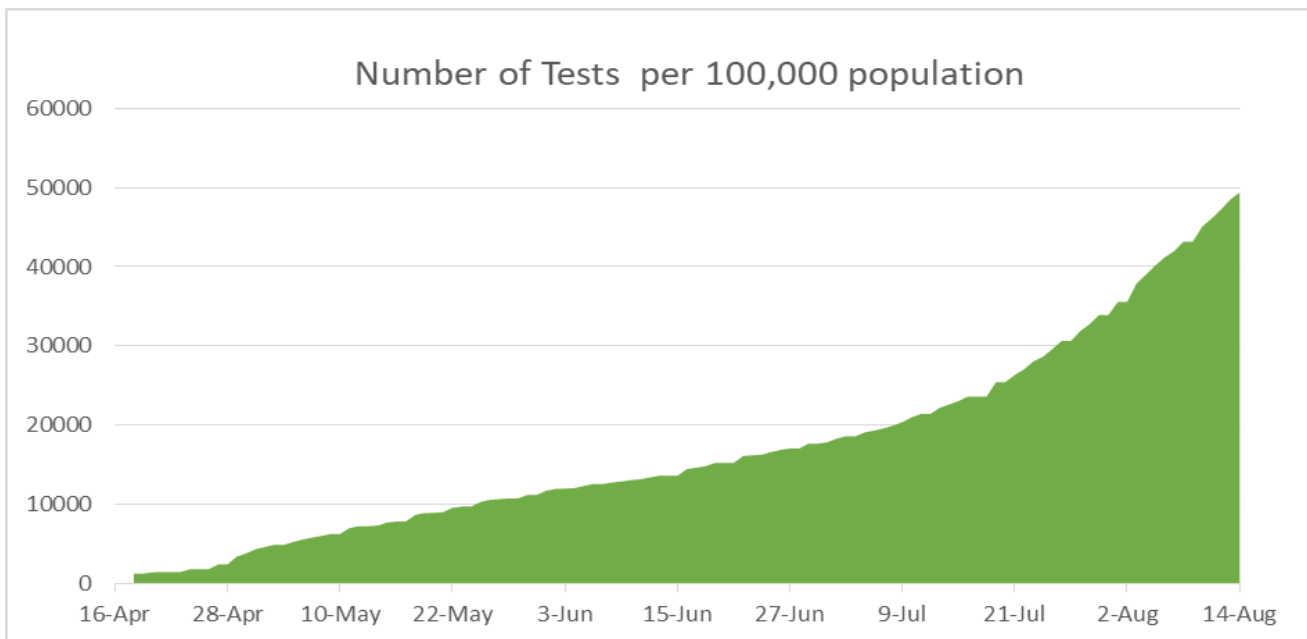






CHART 5Q: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - BERMUDA
18 APRIL - 14 AUGUST 2020



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TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 14 AUGUST 2020

Country	Imported Transmission 	Local Transmission  Local	Community/Unknown 	Under Investigation 
Trinidad and Tobago ^e	114	152	1	159
Guyana ^e	4	645	0	0
Bermuda	55	85	19	0
Jamaica	388	586	75	33
St. Vincent and the Grenadines	50	7	-	-
Belize ^e	47	293	2	46
Antigua and Barbuda	68	25		
Haiti ^e	152	7658		

Note: There are differences in the classification of mode of transmission. Since the last Issue and during the preparation of the current Issue, Trinidad and Tobago has declared that it is experiencing Community Transmission. This Column will therefore show a combination of Community Transmission and Local/Unknown Transmission i.e. with no Epidemiological Link. The current cases that are listed in that column for all countries including Trinidad and Tobago relate to Local Transmission unknown /no epidemiological link. However it is expected that in the future there may be cases for Trinidad that display Community Transmission. In the case of Jamaica, approximately 236 cases from a work place cluster is placed under local transmission. Antigua and Barbuda classifies its mode of transmission as imported/ non-imported. Please see Issue 2 for explanations on Mode of Transmission.

TABLE 7: CONFIRMED CASES BY SEX - SELECTED COUNTRIES AS AT 14 AUGUST 2020



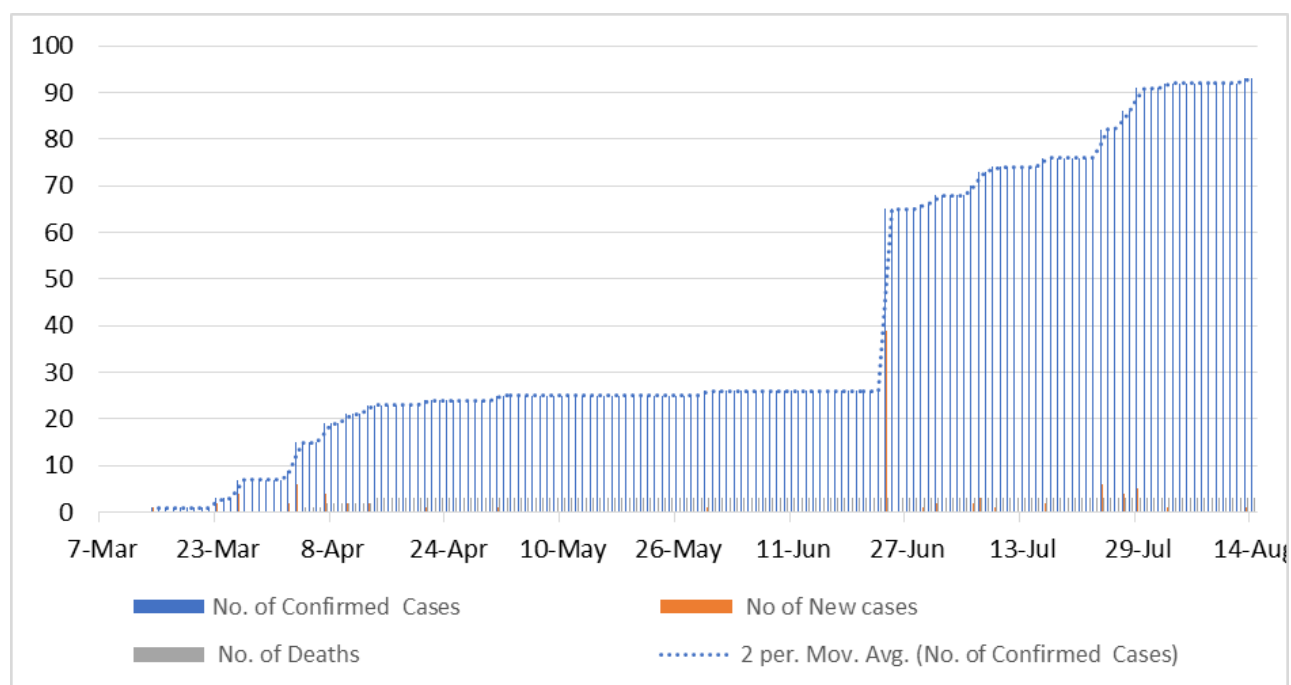
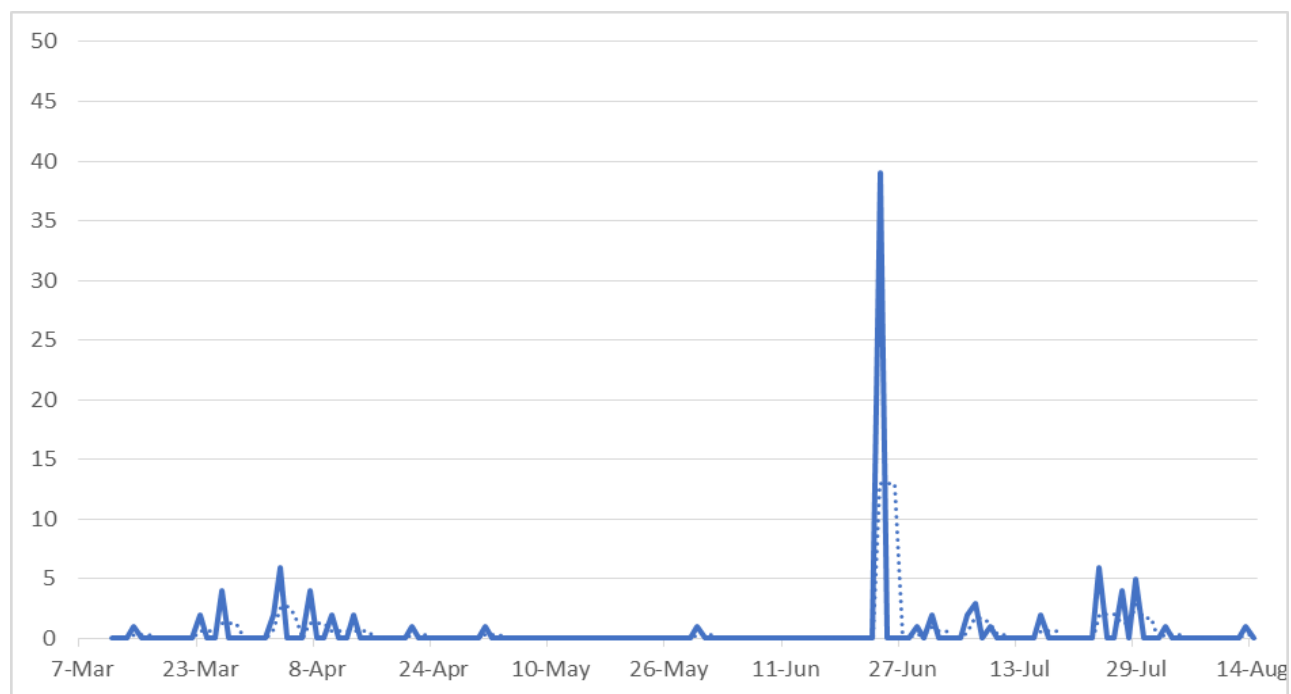
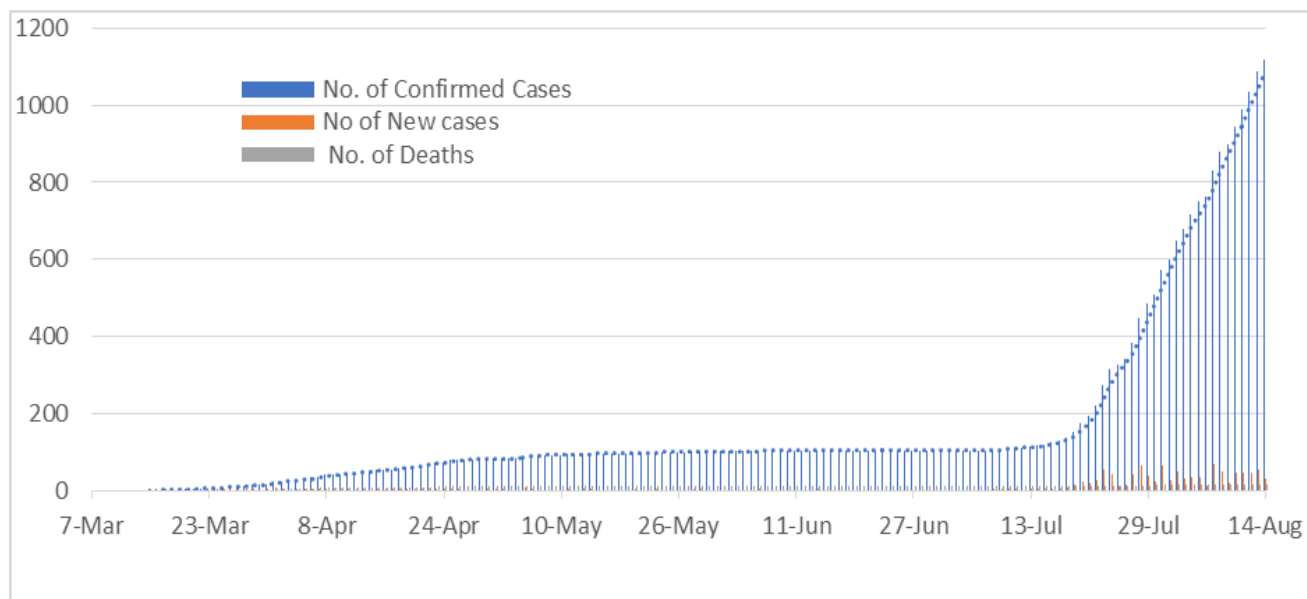
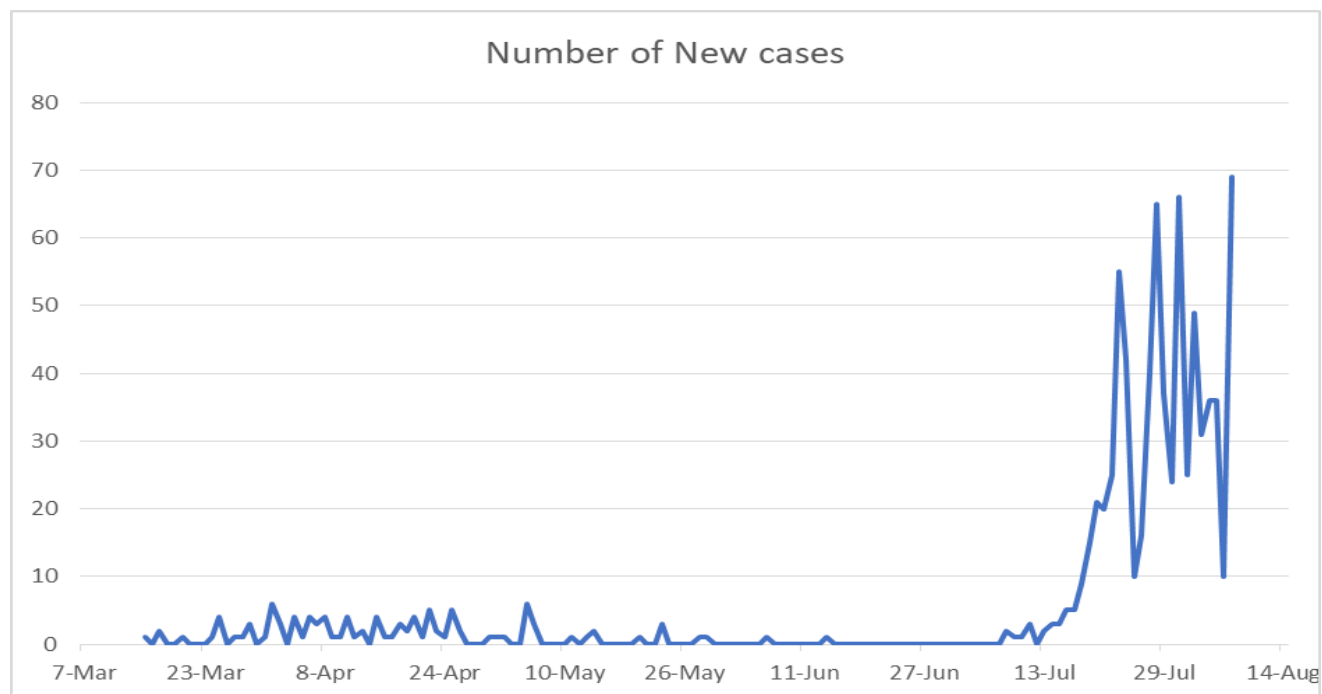
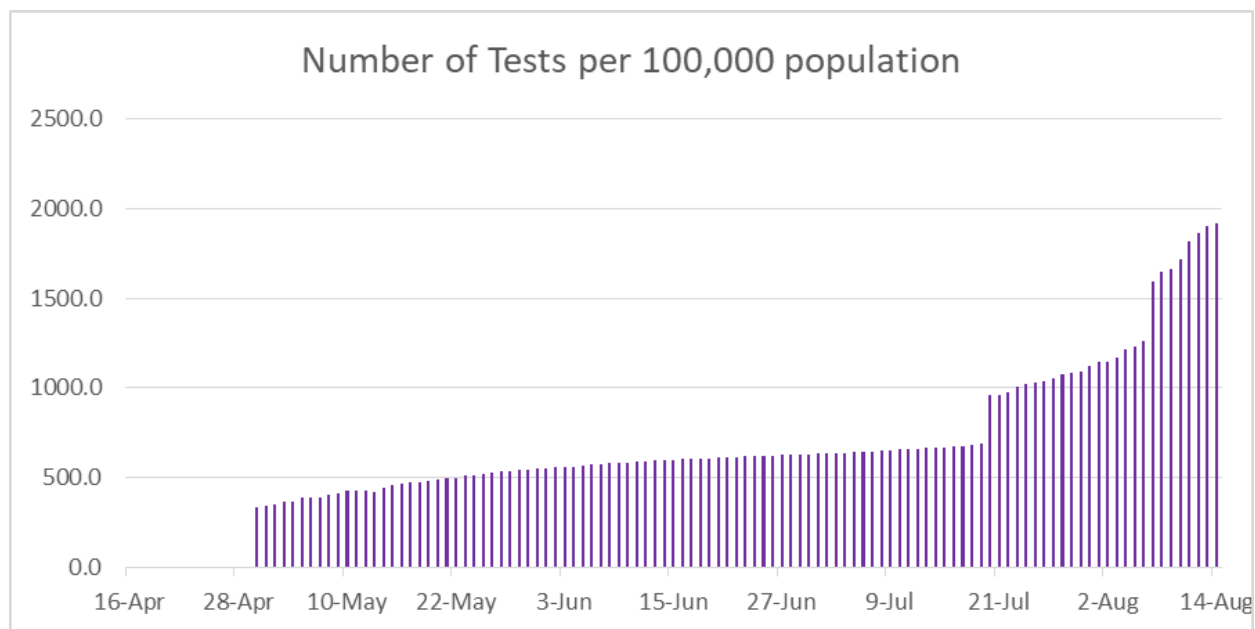
Country			Not Stated
Haiti	4569	3241	
Jamaica	484	598	
Guyana	321	328	
Belize	237	151	
Trinidad and Tobago ^e	209	217	
Cayman Islands	106	97	
Barbados	71	77	
Bermuda	70	89	

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

Note: Antigua and Barbuda had **1 new case** during the current reporting period **8-14 August** similar to **1-7 August**. There were **9 new cases** during **25-31 July** and **6 new cases** during **18-24 July**. The total number of cases stood at **93** as at **14 August**, with 7 active cases.

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

Note: The Bahamas had 289 new cases for the current reporting period **8-14 August** as compared to **256 new cases** during **1-7 August**, **258** during **25-31 July** and **187 new cases** during **18-24 July**. The number of new cases was again the second highest in CARICOM. The number of confirmed cases increased to 1119 as at **14 August**, with active cases increasing to **961** and deaths to **17**. There were also **3 deaths of COVID-19 patients that were determined to be from other causes and therefore not included in the 17 deaths**. The substantial increase in the number of new cases for The Bahamas from early July is evident in Chart 7A.

CHART 7B: THE BAHAMAS

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CHART 8: BARBADOS

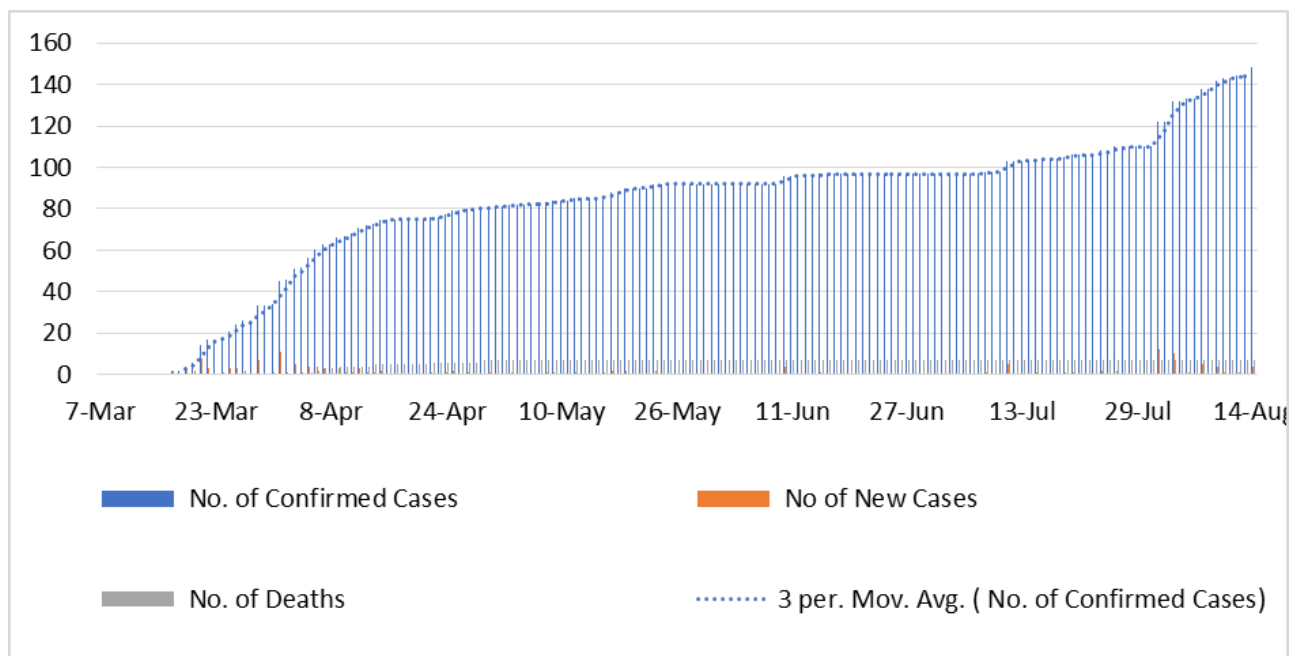
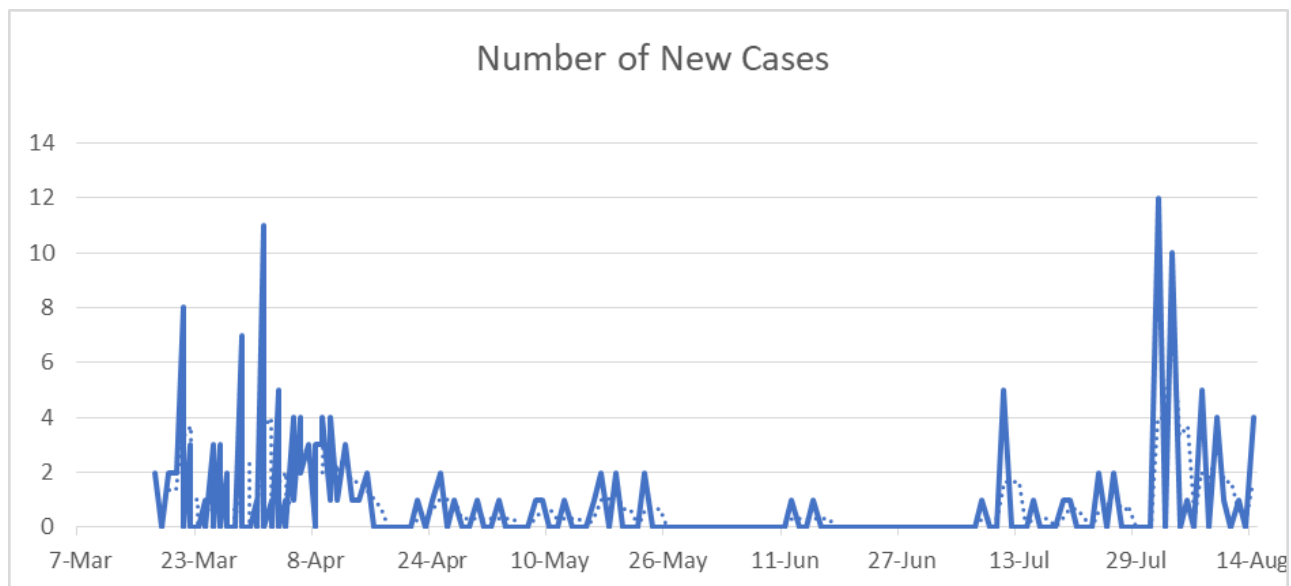


CHART 8A: BARBADOS



Note: Barbados had **10 new cases** during the current reporting period **8-14 August** as compared to **28 new cases** during **1-7 August** and **2 new cases** during **24-31 July**. The number of confirmed cases stood at **148** as at **14 August** with **22 active cases**. The increase in the number of new cases from mid-July is evident in Chart 8A.

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CHART 9: BELIZE

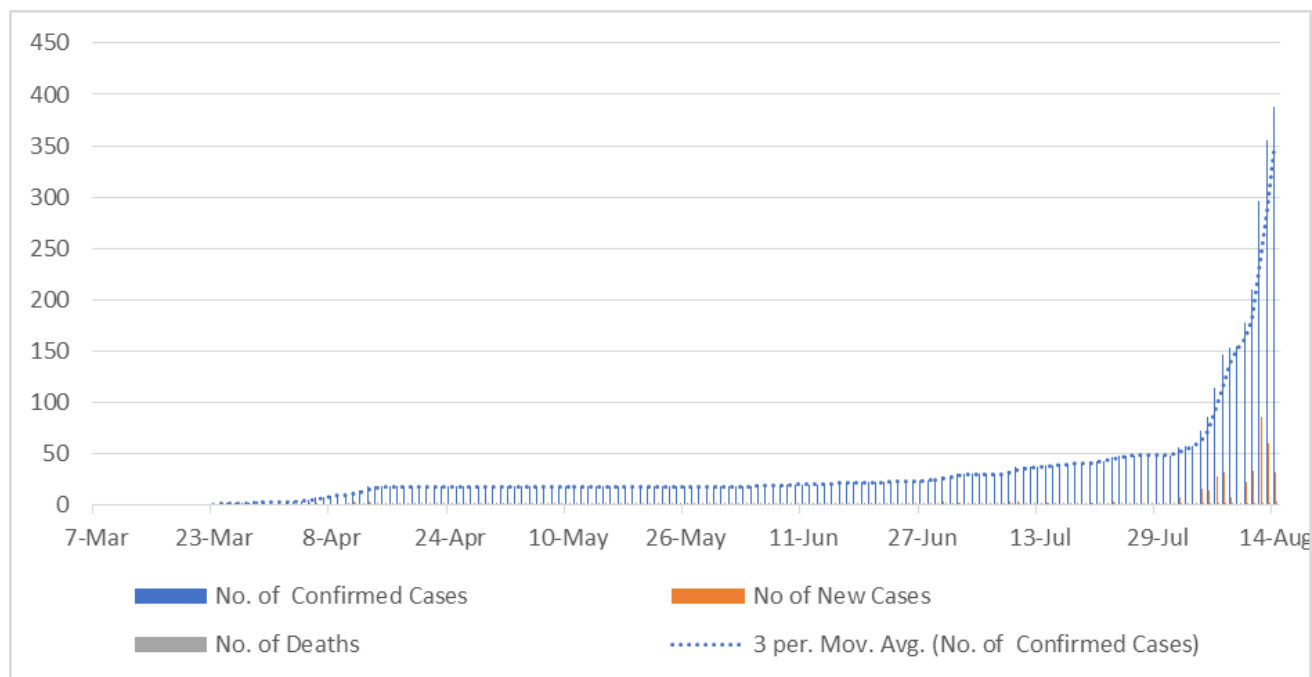
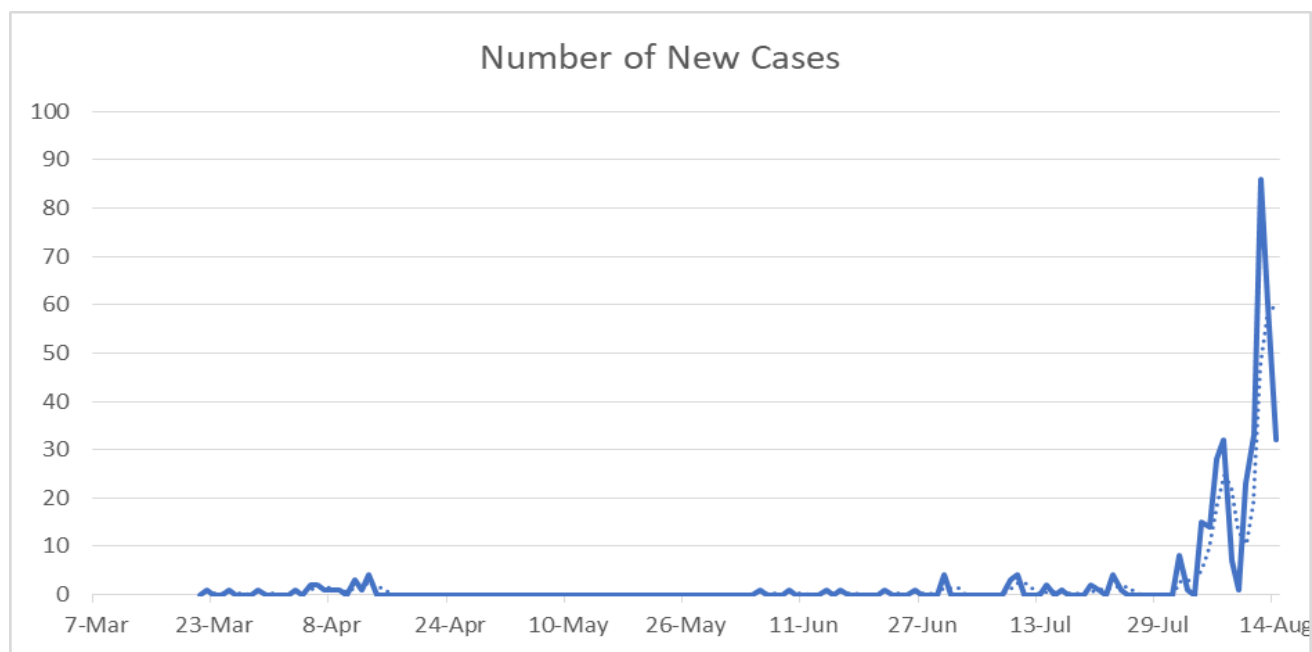


CHART 9A: BELIZE



Note: Belize had 242 new cases during the current reporting period **8-14 August** as compared to **98 new cases** during **1-7 August**. There were **no new cases** for the period **25-31 July**. The number of confirmed cases increased to 388 with 350 active cases. The increase in the number of new cases is evident in **Chart 9A**.

CHART 10: DOMINICA

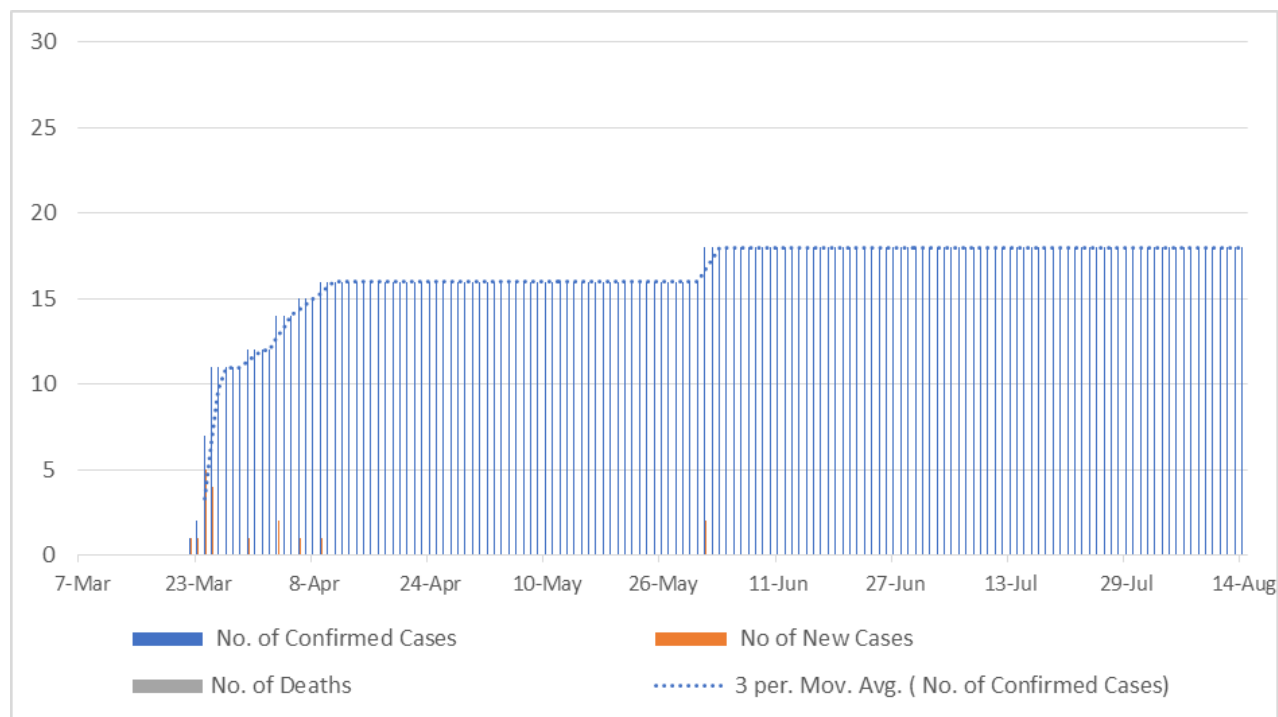
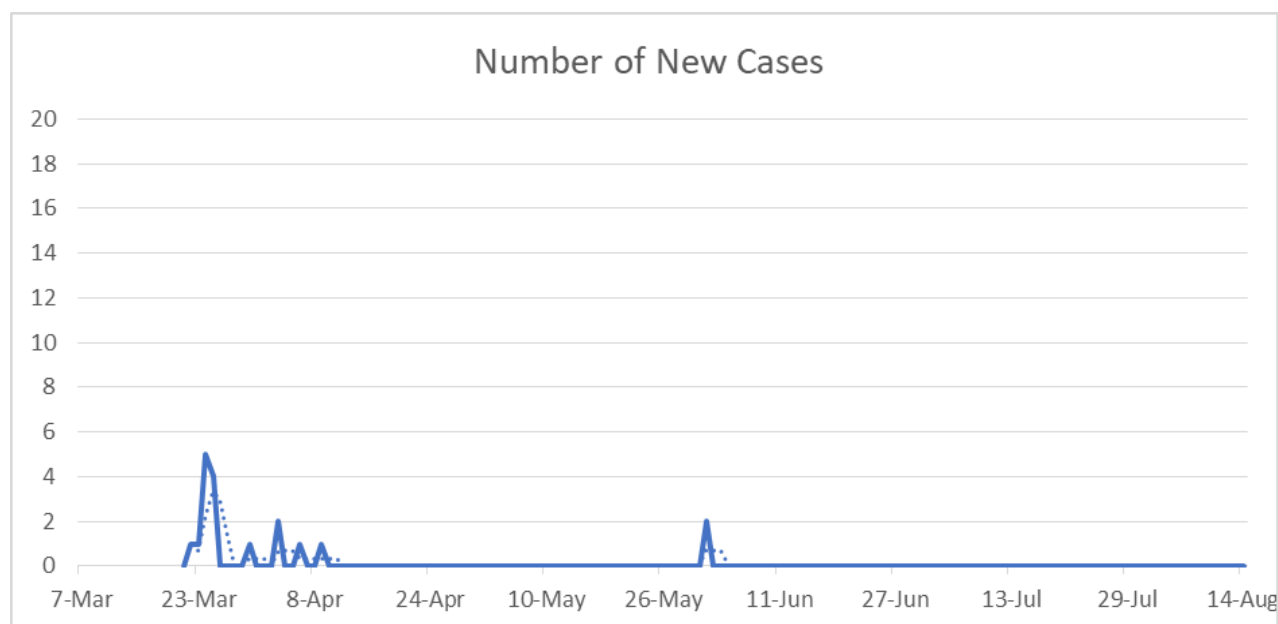


CHART 10A: DOMINICA



Note: Dominica had **no new cases** of COVID-19 during the current reporting period **8-14 August**. The last new case/cases occurred on **1 June, a period of 74 days** up to **14 August**. The number of cases stood at **18**. Dominica has had no active cases since **13 June**.

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CHART 11: GRENADA

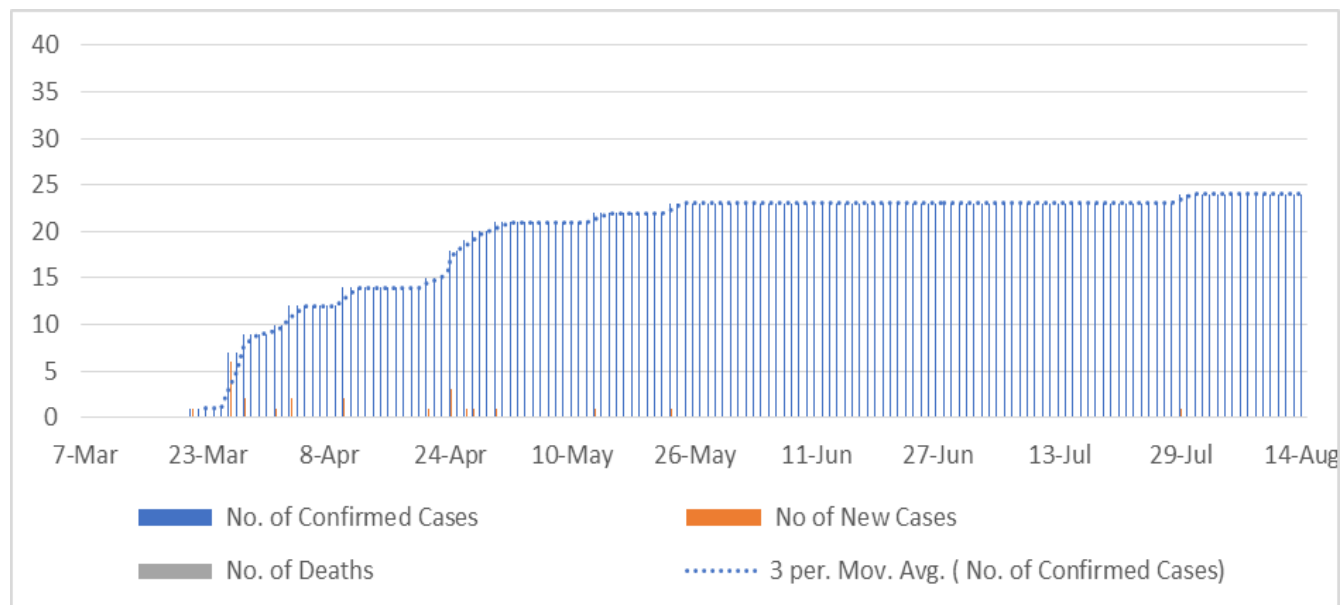
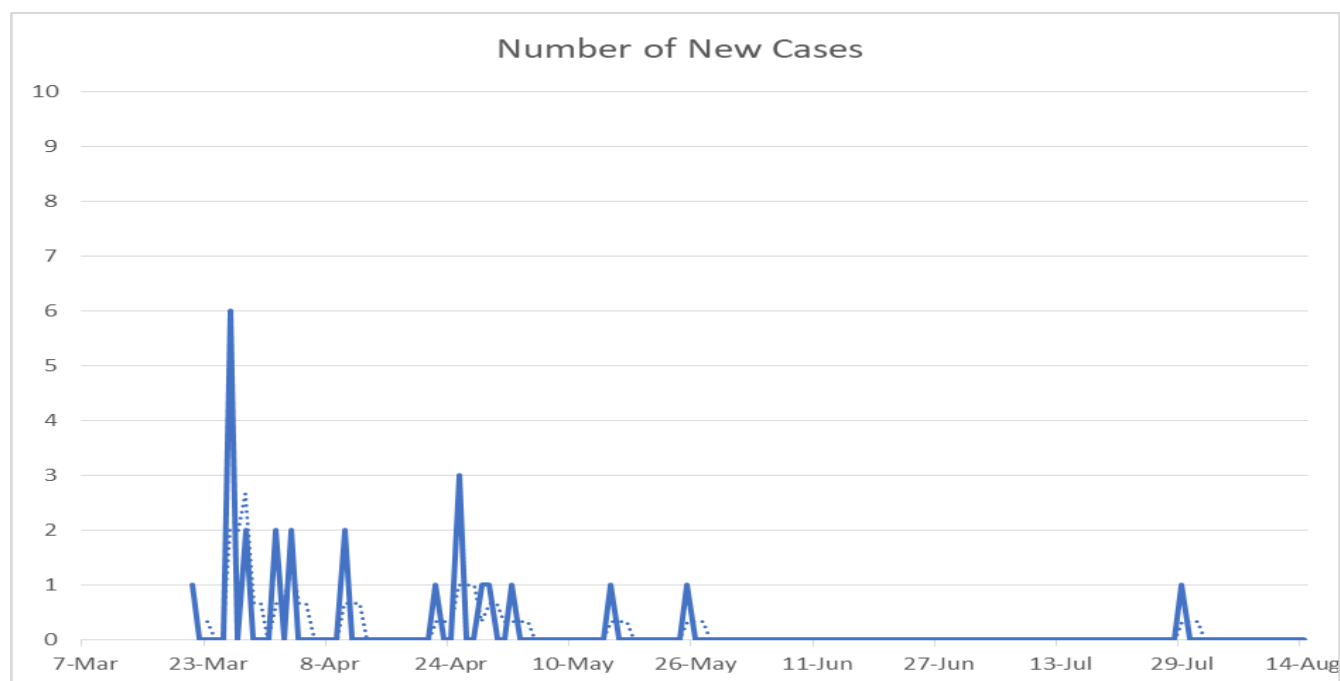


CHART 11A: GRENADA



Note: Grenada had **no new cases** during the current reporting period **8-14 August**, similar to the period **1-7 August**. There was **one new case** during the period **25-31 August**, which followed six consecutive periods of no new cases. The number of cases stood at 24 with **1** active case.

CHART 12: GUYANA

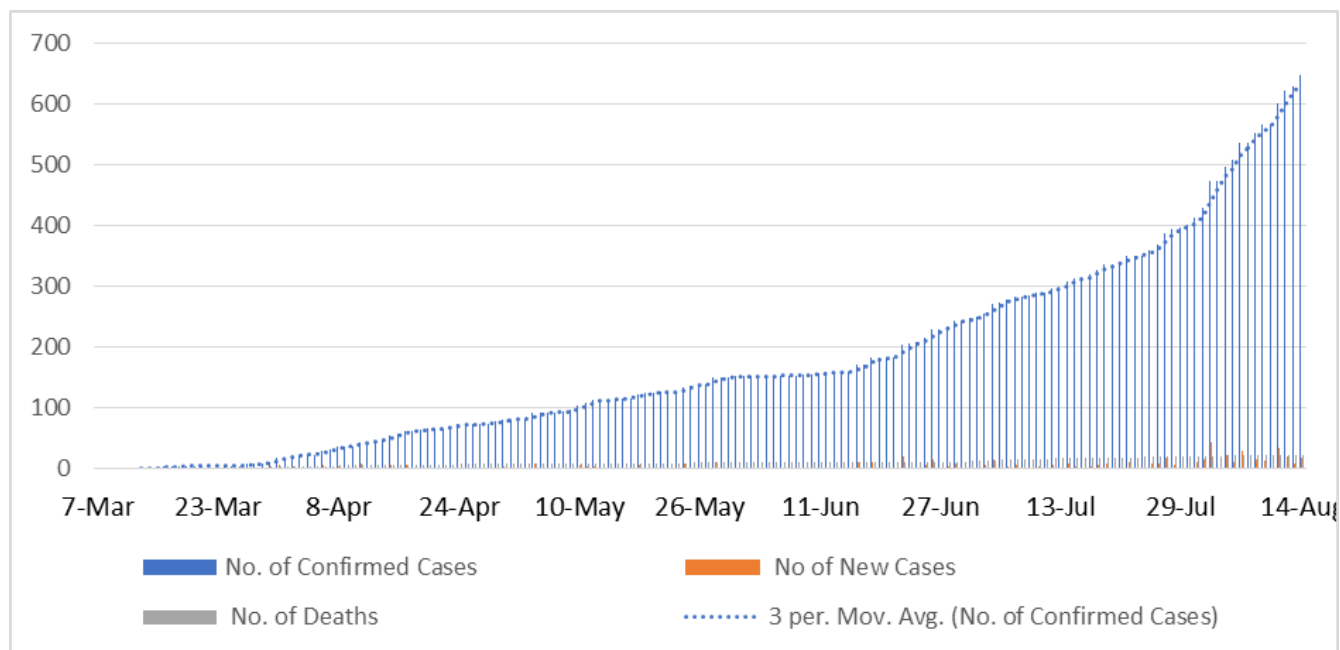
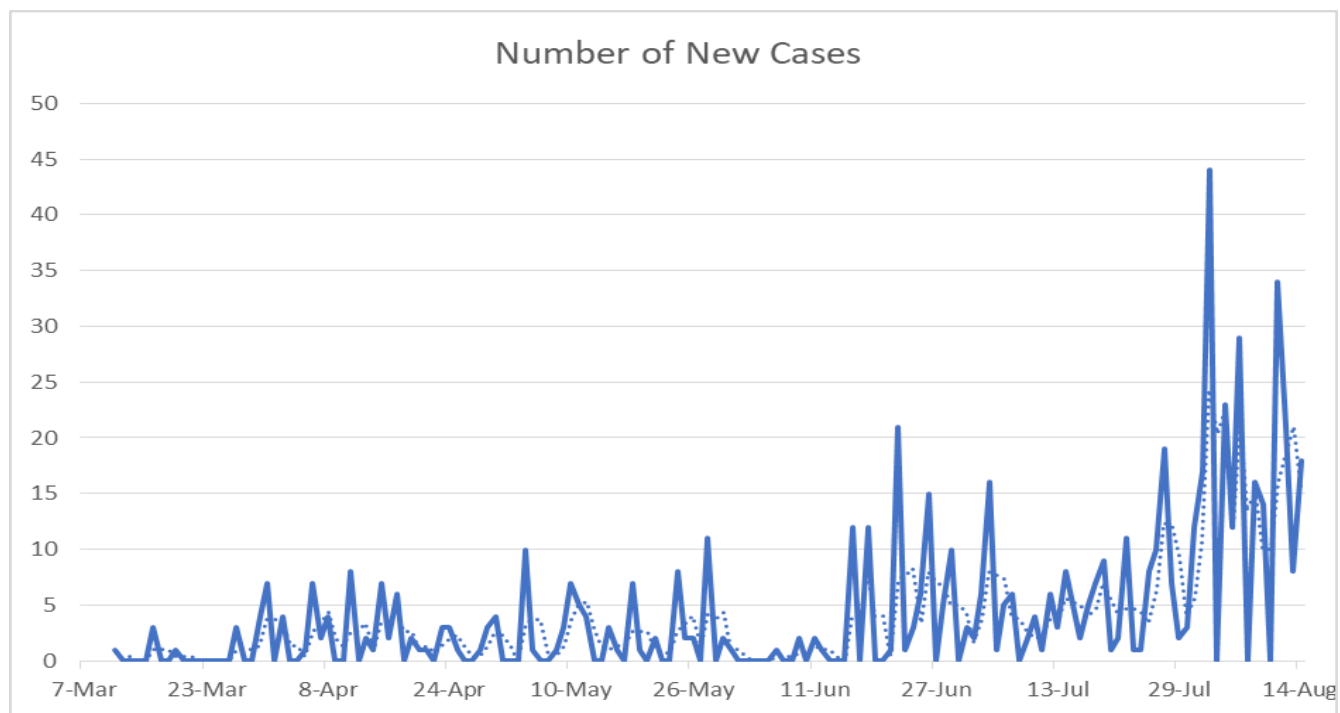
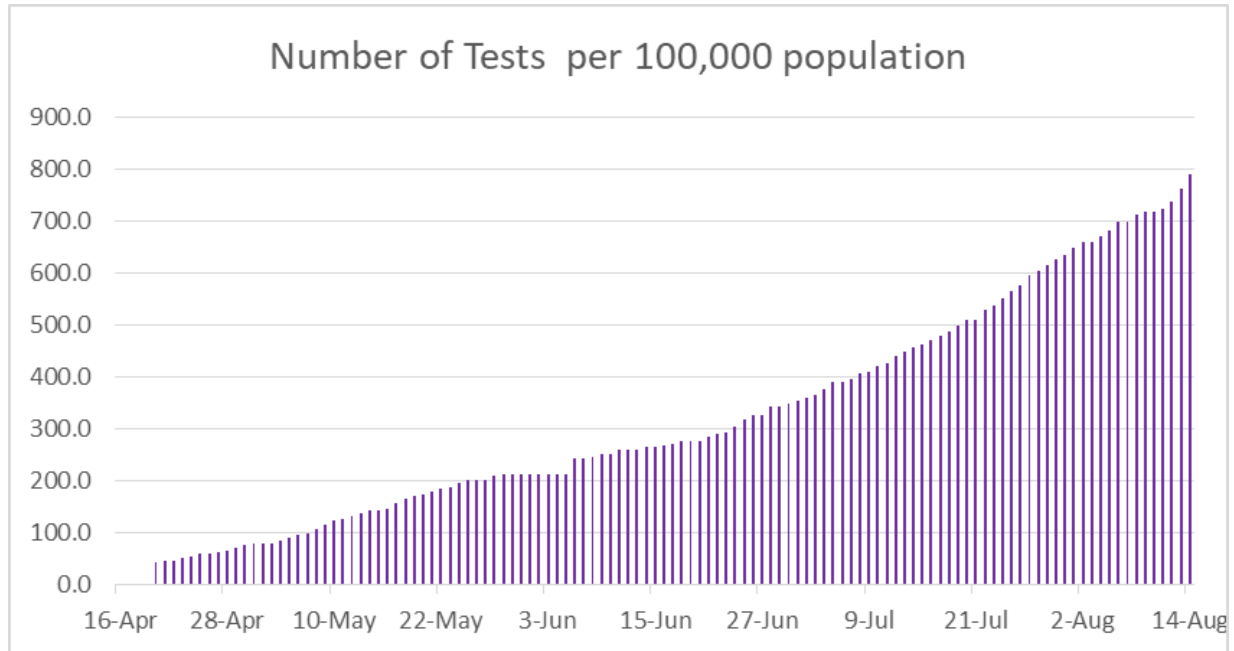


CHART 12A: GUYANA



Note: In Guyana, there were 111 new cases during the current reporting period **8-14 August** as compared to **125 new cases** during **1-7 August** following **61 new cases** during **25-31 July** and **32 new cases** during **18-24 July**. The number of confirmed cases for Guyana increased to 649 with **321 active cases**. The increase in the number of new cases is evident in Chart 12A.

CHART 12B: GUYANA

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CHART 13: HAITI

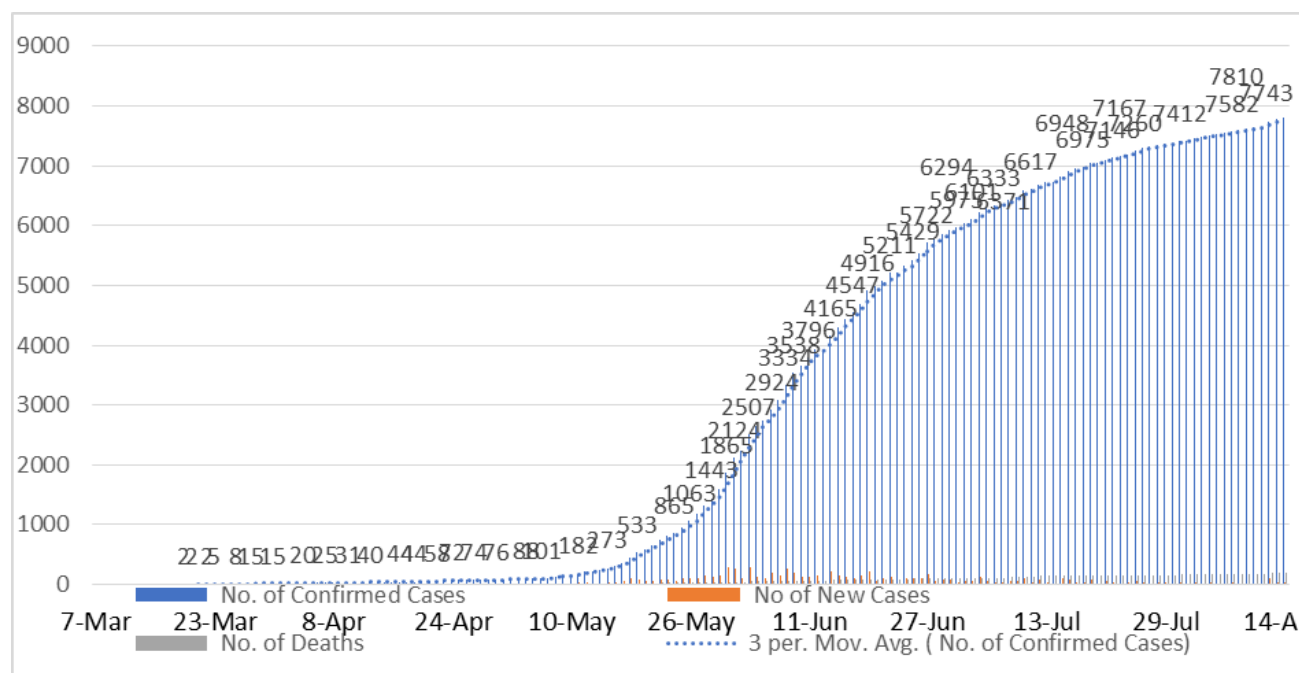
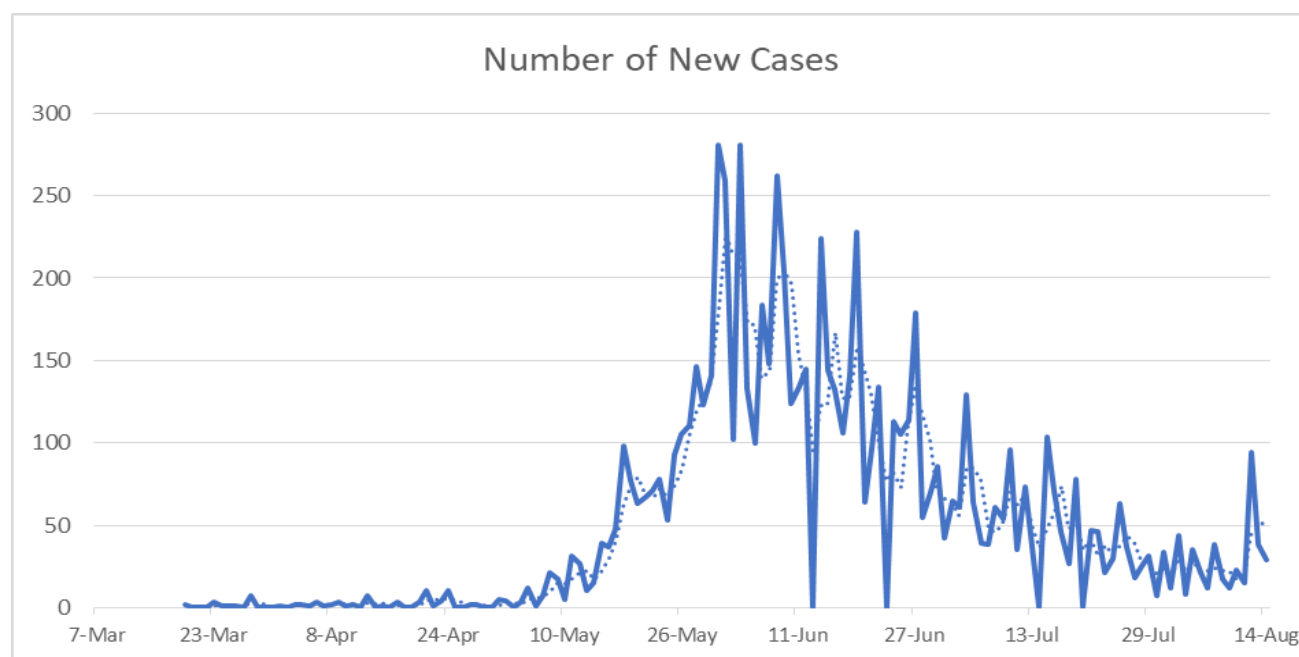
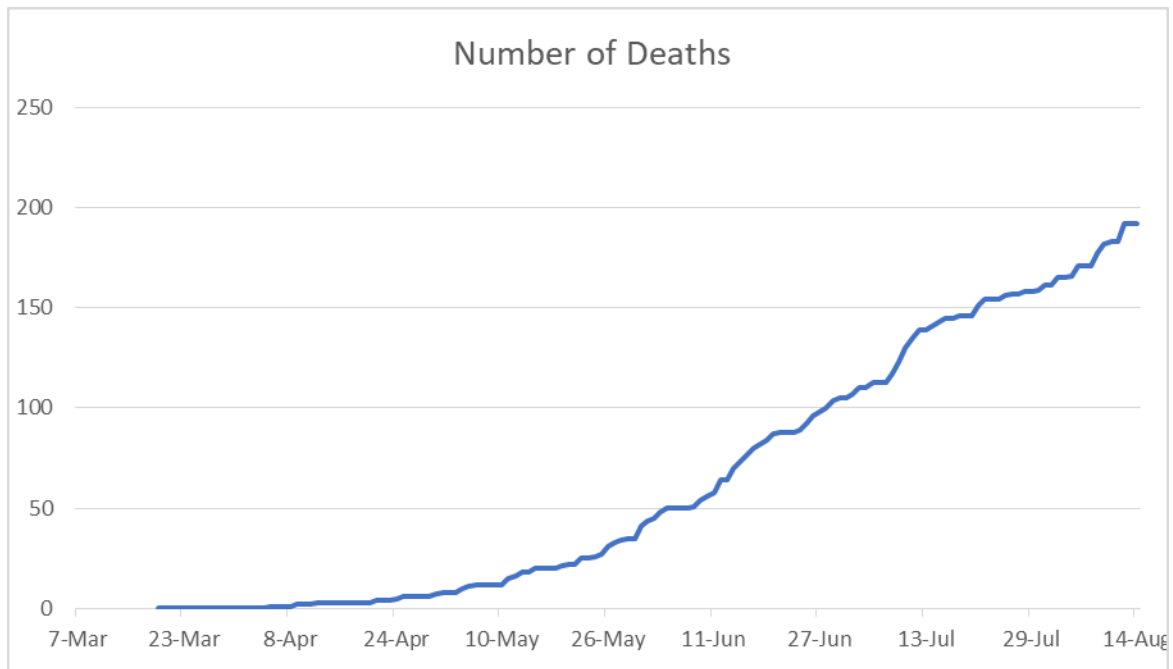
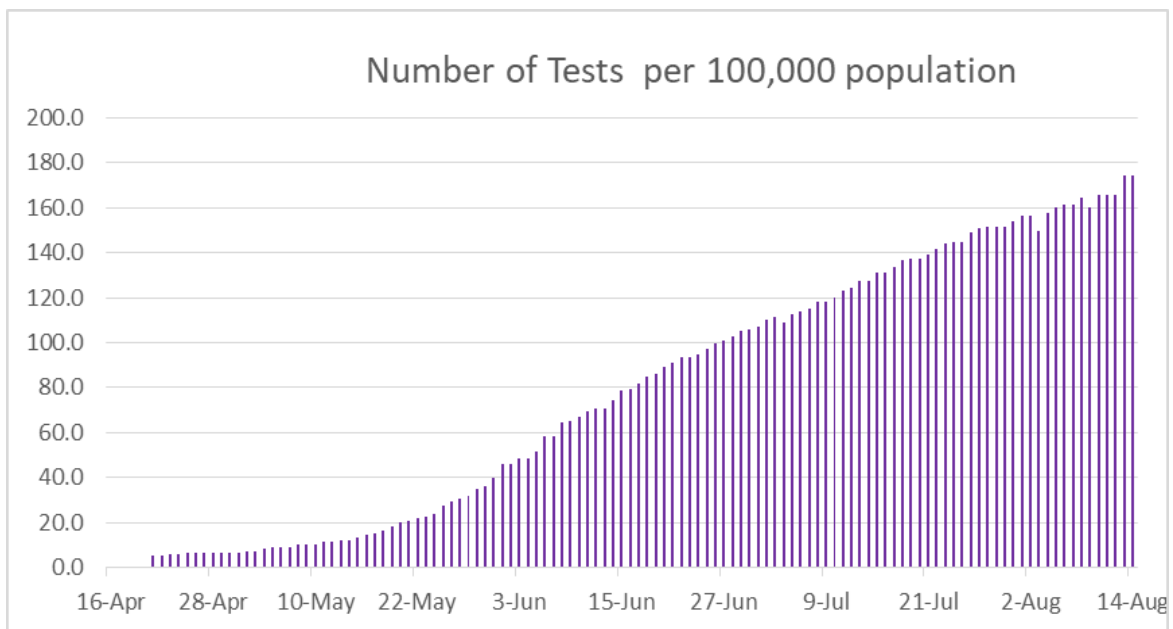


CHART 13A: HAITI



Note: There was an increase of 228 new cases during the reporting period **8-14 August** for Haiti, as compared to the declining trend from about the middle of June. There were **170 new cases** during **1-7 August**, following **215 new cases** during **25-31 July**. The total number of cases for Haiti stood at **7810** with active cases at **2495**. The general declining trend for Haiti in the number of new cases is evident in **Chart 13A**.

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

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CHART 14: JAMAICA

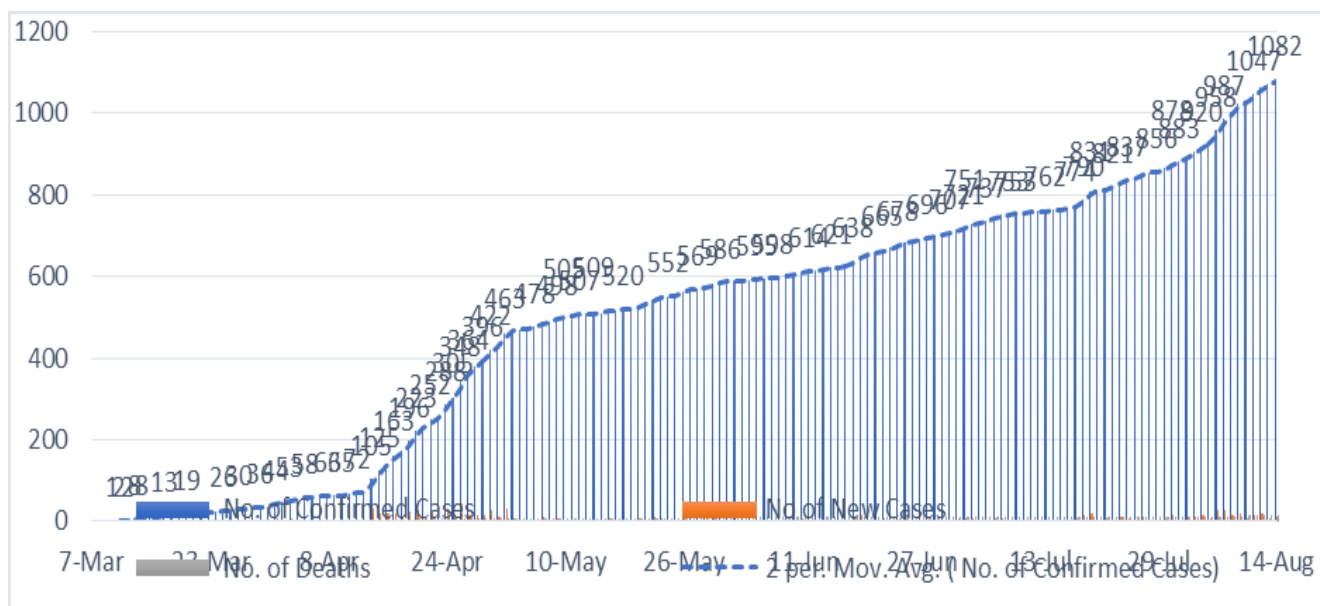
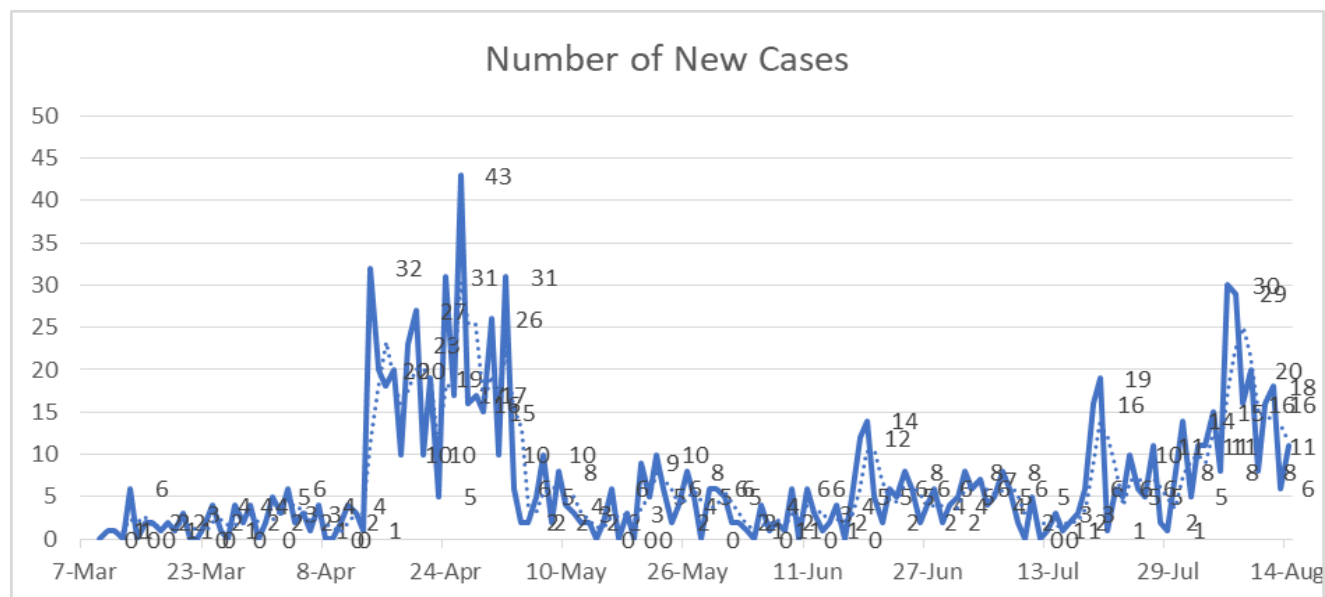


CHART 14A: JAMAICA



Note: Jamaica had 95 new cases during the current reporting period **8-14 August** as compared to **109 new cases** during **1-7 August** and following **47 new cases** during **25-31 July**. The total number of confirmed cases stood at **1082** with **245** active cases. The increasing trend in the number of new cases is evident in Chart 14A.

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CHART 15: MONTSERRAT

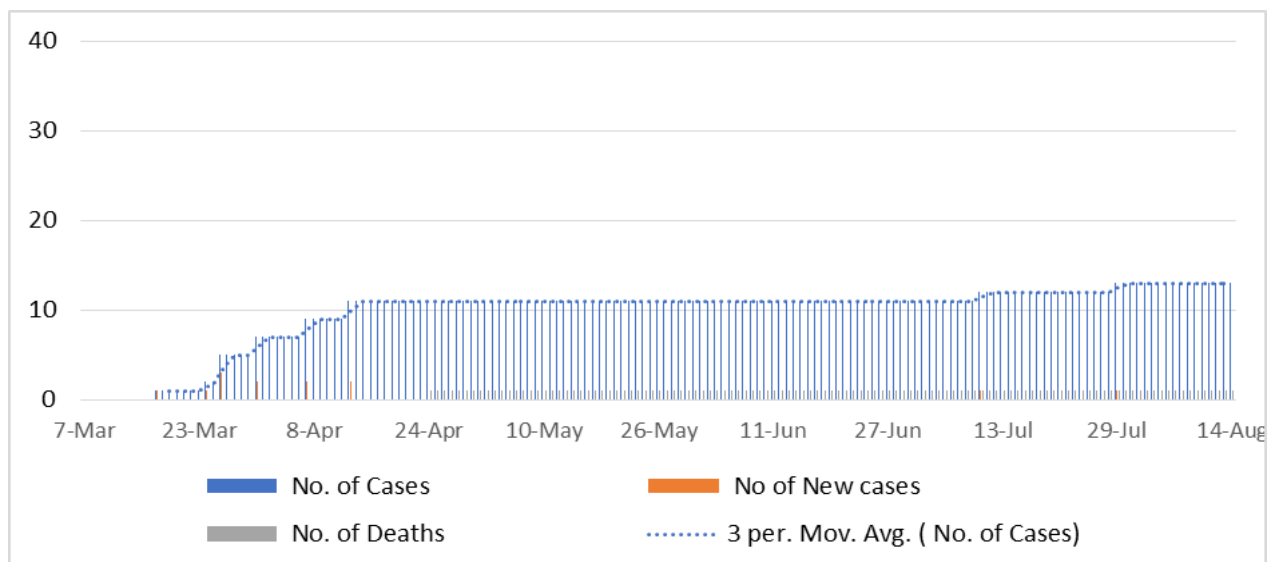
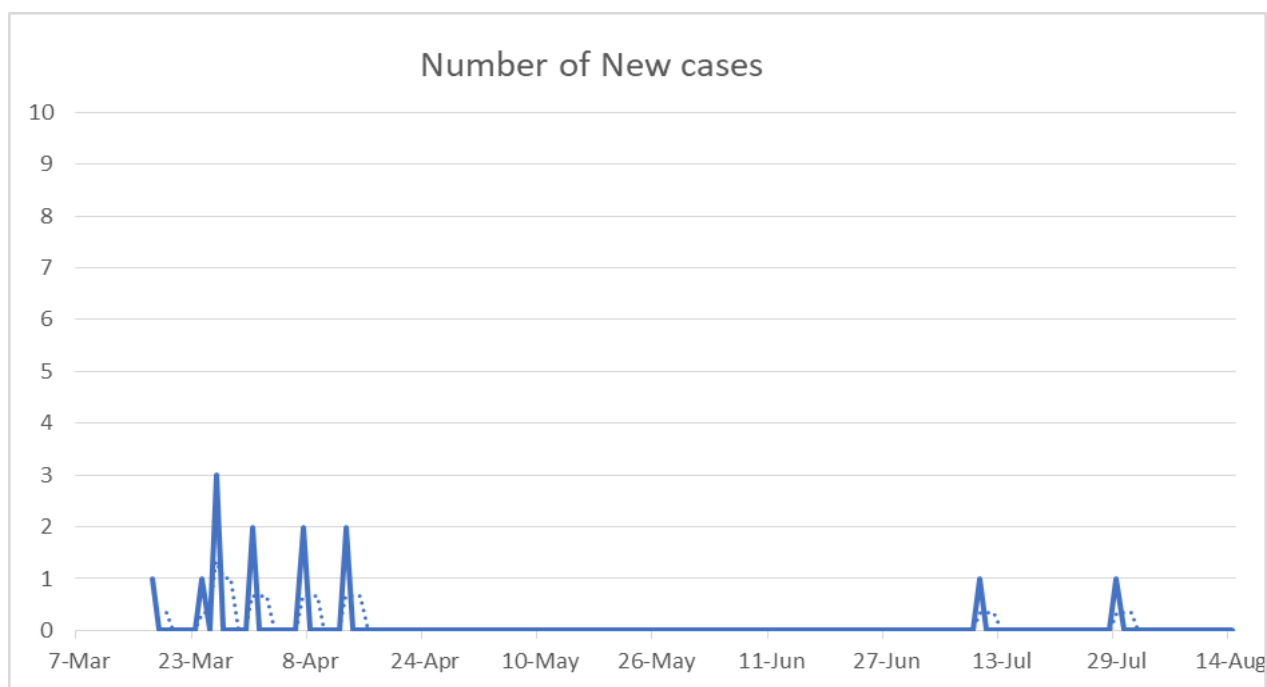


CHART 15A: MONTSERRAT



Note: There were **no new cases** in Montserrat during the current reporting period **8-14 August** similar to **1-7 August** and following **1 new case** during **25-31 July** and also during **4-10 July**, The number of confirmed cases stood at **13** with **no active cases**.

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CHART 16: SAINT LUCIA

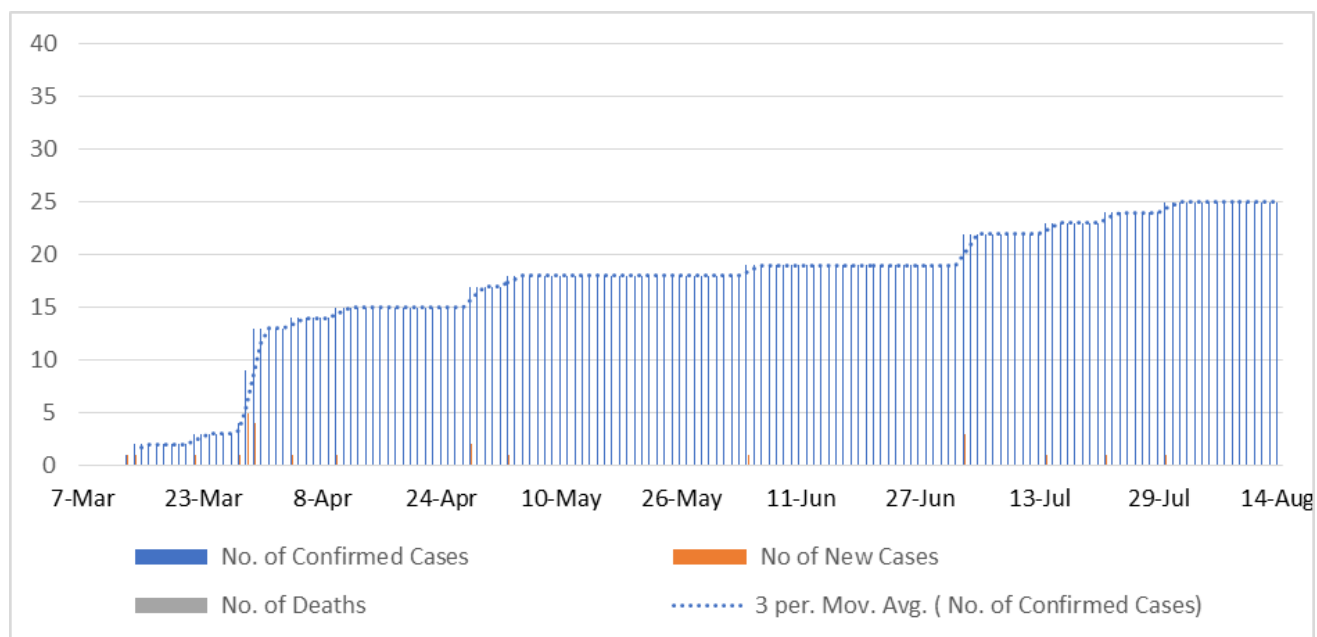
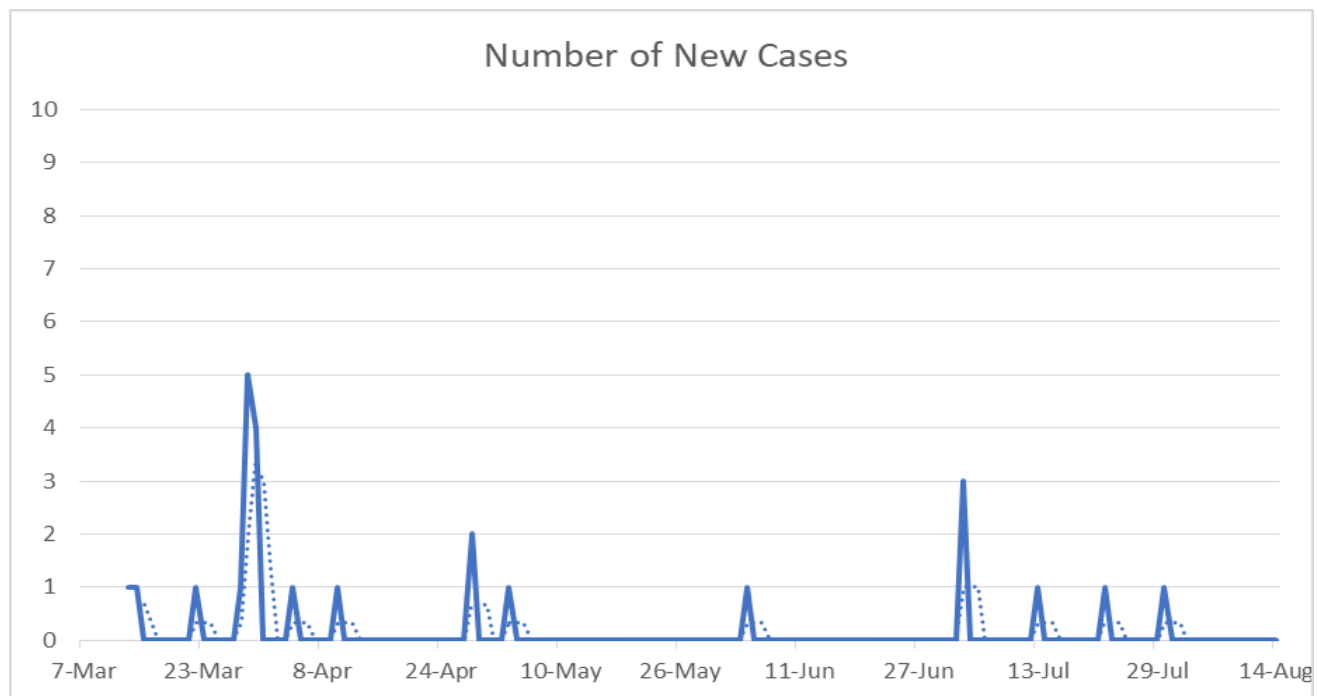


CHART 16A: SAINT LUCIA



Note: There were **no new cases** in Saint Lucia during **8-14 August** similar to the period **1-7 August** and following **one new case** during **25-31 July**. The number of confirmed cases stood at 25 with **no** active cases.

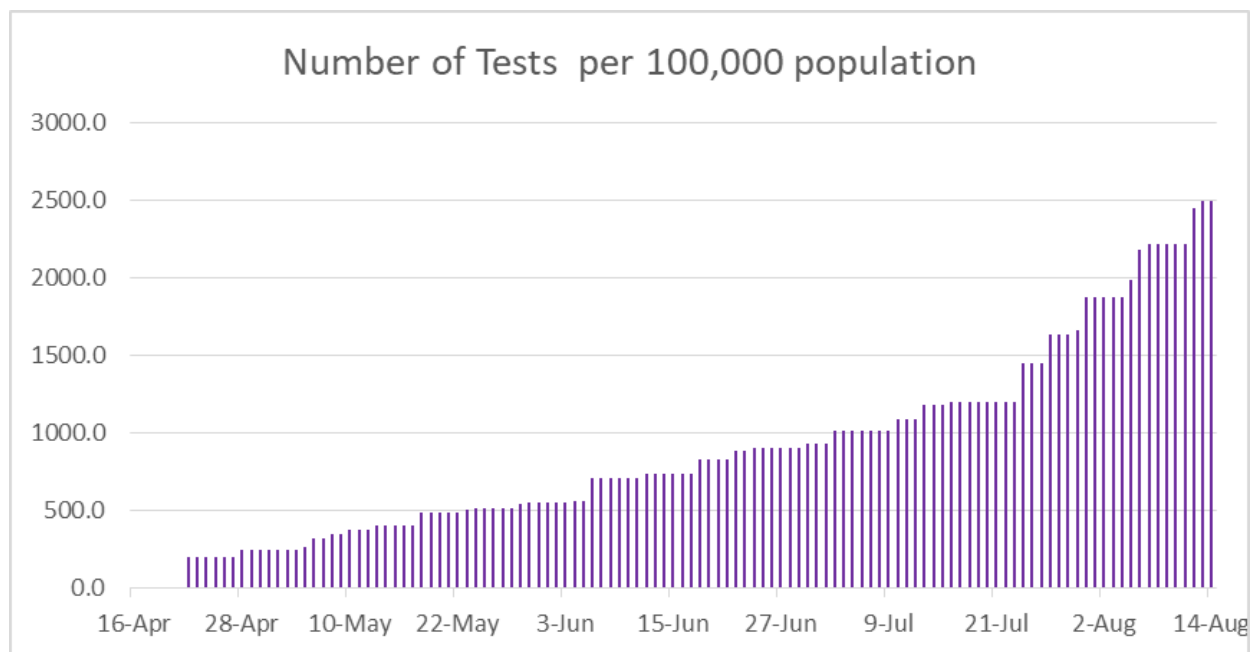
CHART 16B: SAINT LUCIA

CHART 17: ST. KITTS AND NEVIS

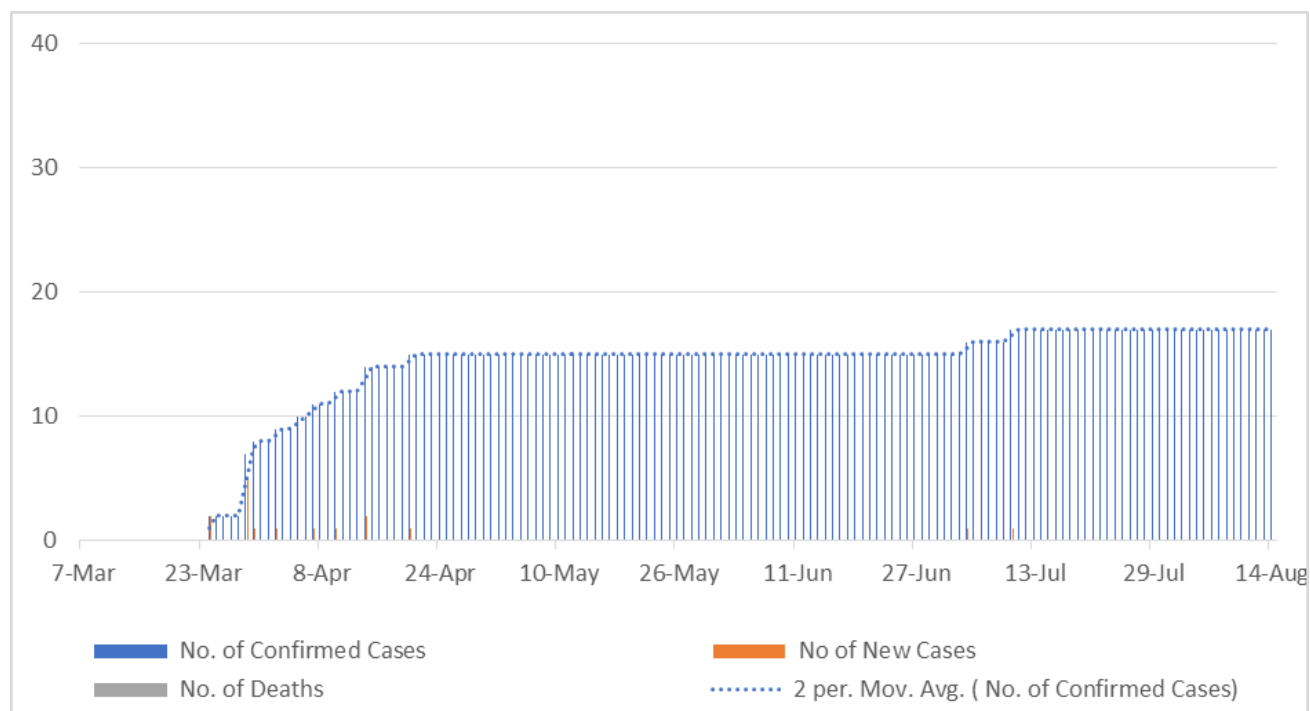
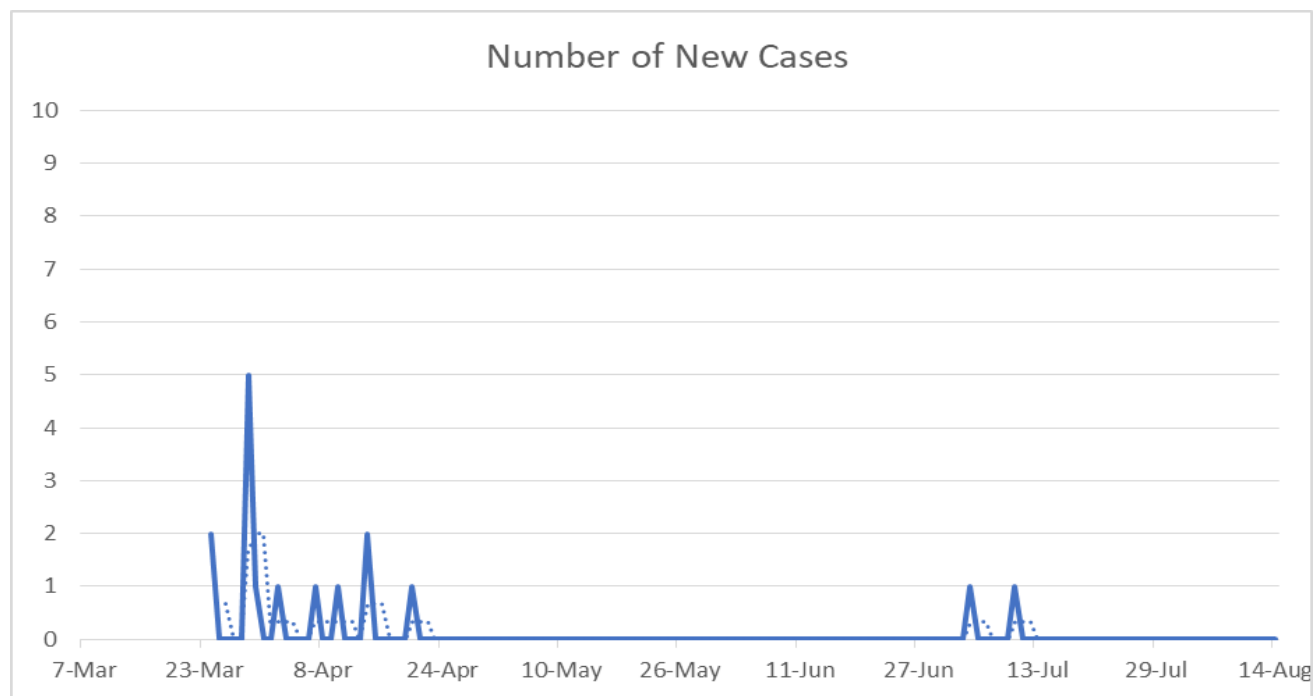
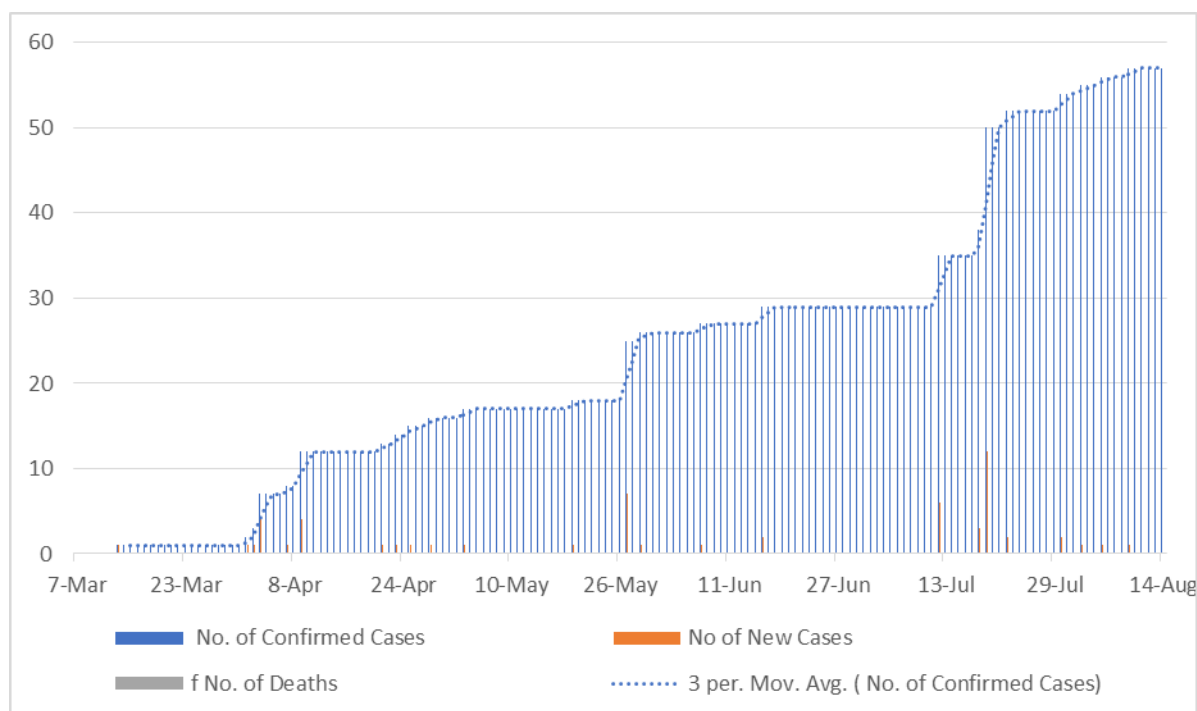
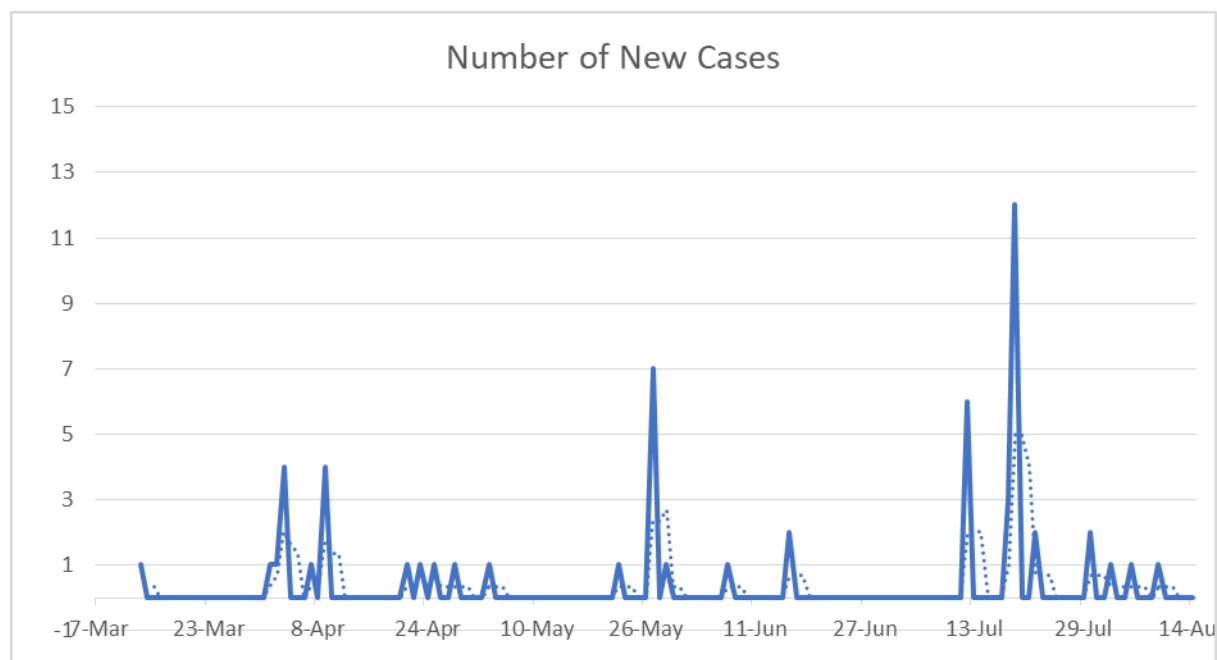


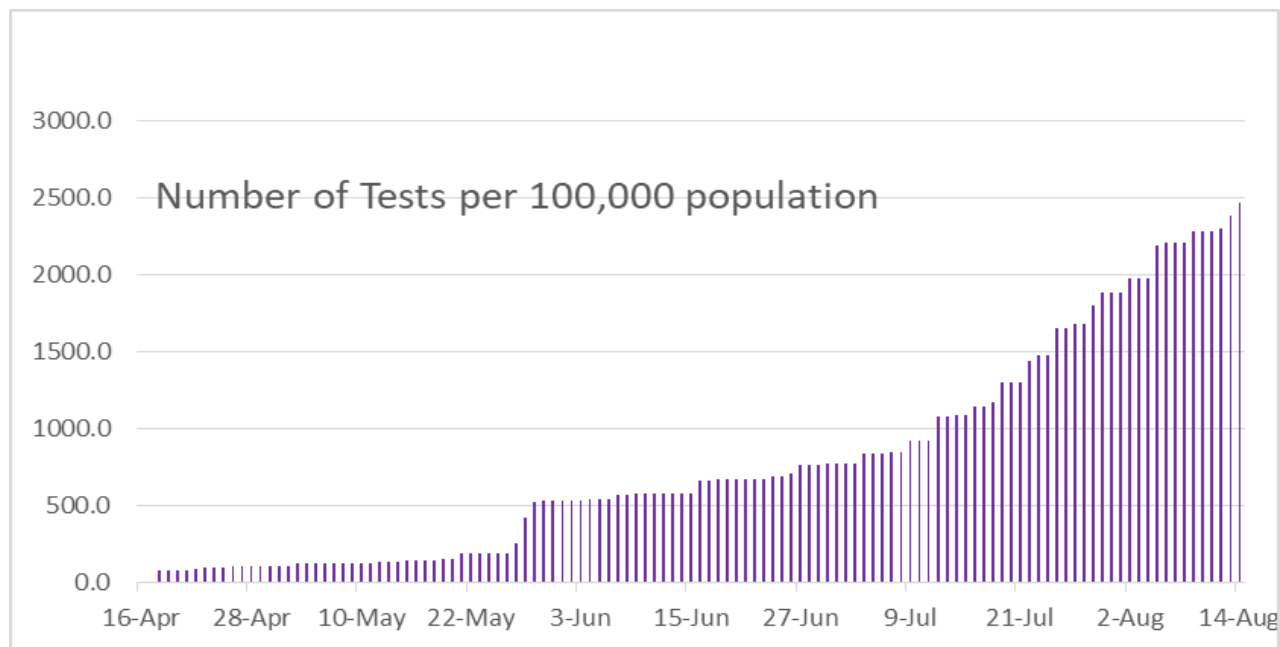
CHART 17A: ST. KITTS AND NEVIS



Note: There were **no new cases** in St Kitts and Nevis during the current reporting period **8-14 August** similar to the previous period **1-7 August**. There were **2 new cases** during the period **4-10 July** after an exceptionally long period with no new cases. The number of confirmed cases stood at 17 with **no** active cases.

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

Note: There was **one new case** in St Vincent and the Grenadines during **8-14 August** following **2 new cases** during **1-7 August** which was similar to the previous reporting period **25-31 July**. The number of cases in St Vincent and the Grenadines as at **14 August** was 57 with **2 active cases**.

CHART 18B: ST. VINCENT AND THE GRENADINES

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CHART 19: SURINAME

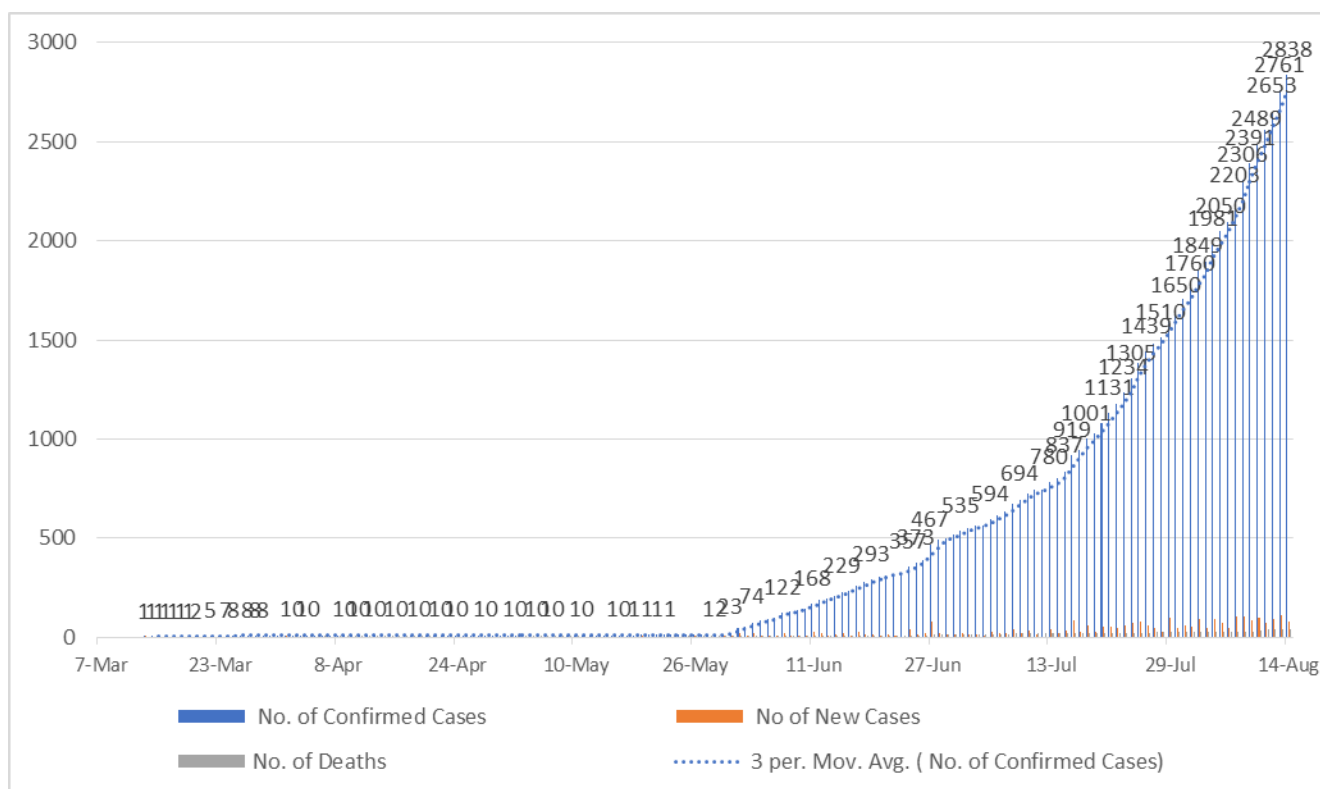
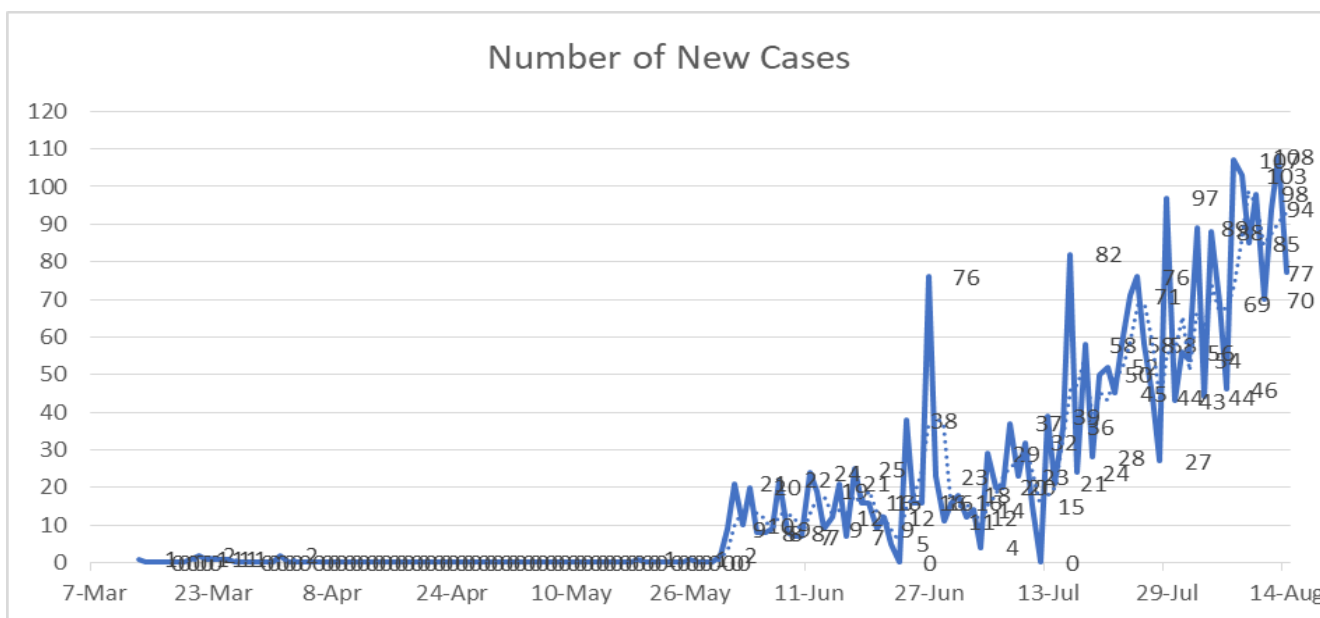
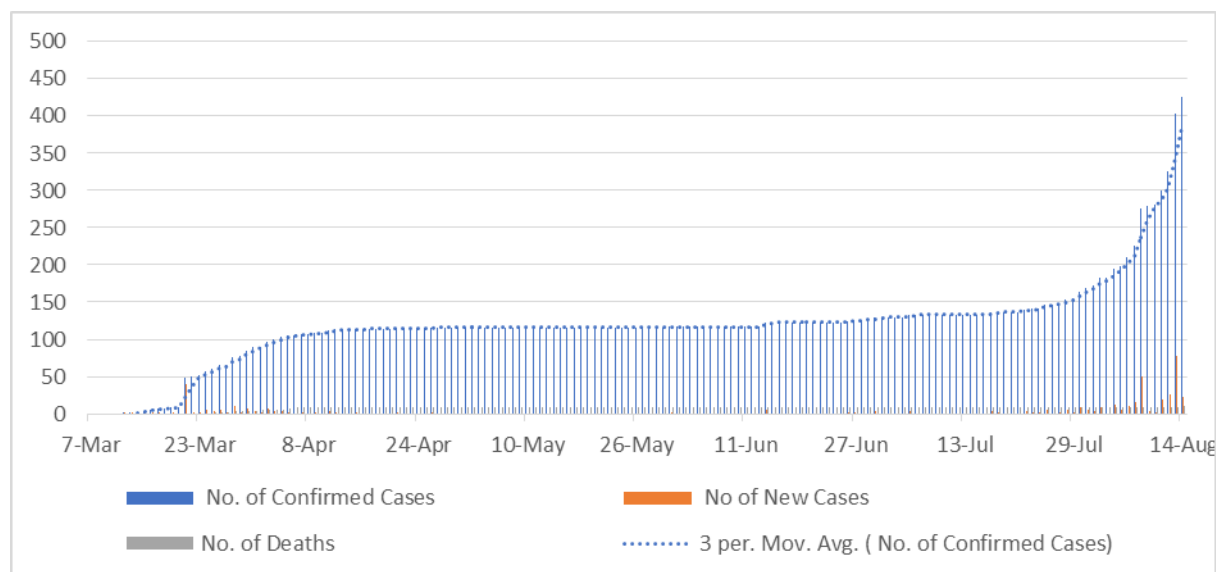
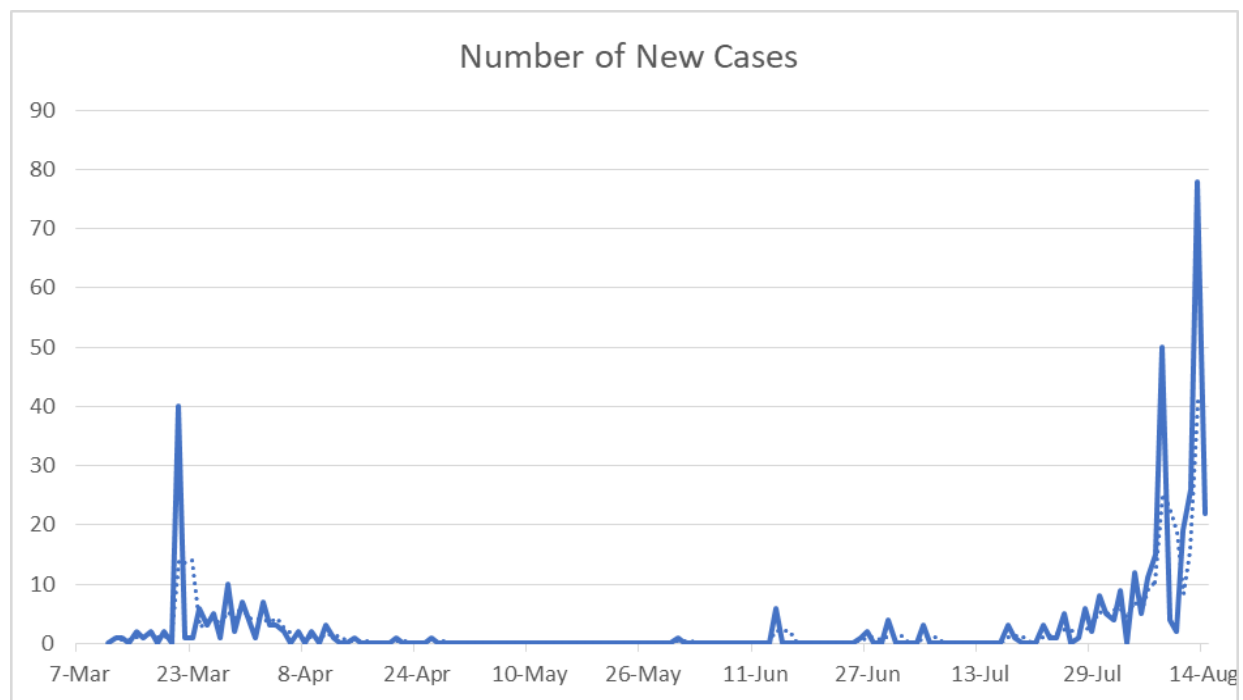


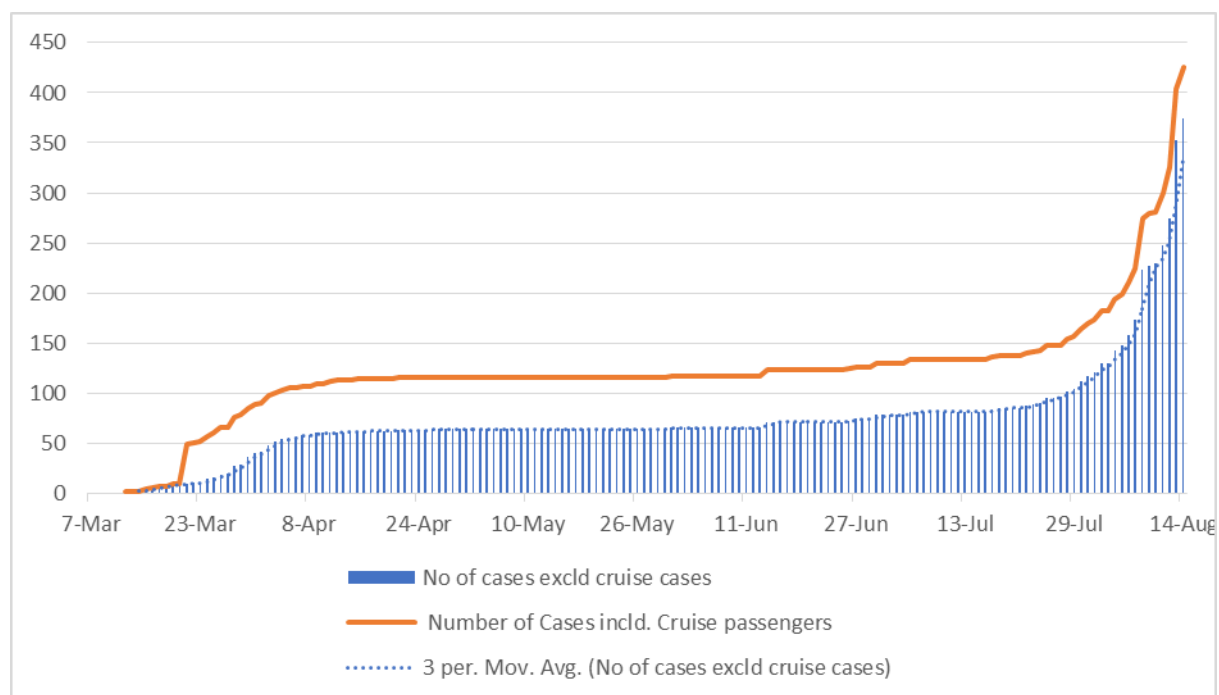
CHART 19A: SURINAME



Note: Suriname had 635 new cases during the current reporting period **8-14 August** as compared to **497 new cases** during **1-7 August**, **401 new cases** during **25-31 July**, **362 new cases** during **18-24 July** and **217 new cases** during **11-17 July**. The **635 new cases** represented **33.1 percent** of the total new cases for CARICOM during the current reporting period. The number of confirmed cases for Suriname stood at 2838 with **903** active cases. The increasing trend in the number of new cases is evident in Chart 19 A.

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

Note: Trinidad and Tobago had 201 new cases during the current reporting period **8-14 August** as compared to **56 new cases** during **1-7 August** and **27 new cases** during **25-31 July**. These **201 new case** reflect substantial increase in the number of new cases for Trinidad and Tobago. The number of confirmed cases stood at 426 with **277** active cases. **The increasing trend in the number of new cases is evident in Chart 20A.** At the time of publication of this Issue, Trinidad and Tobago indicated that there is Community Spread of the virus. Please see Issue2 for the explanation of Mode of Transmission.

CHART 20B: TRINIDAD AND TOBAGO - CRUISE PASSENGERS

Note: The closing of the gap between the contribution to the total number of confirmed cases of the returning Cruise Ship passengers that tested positive and the number of cases excluding these passengers as seen in **Chart 20B** reflects the substantial increase in the number of confirmed cases in this country in recent weeks.

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CHART 21: ANGUILLA

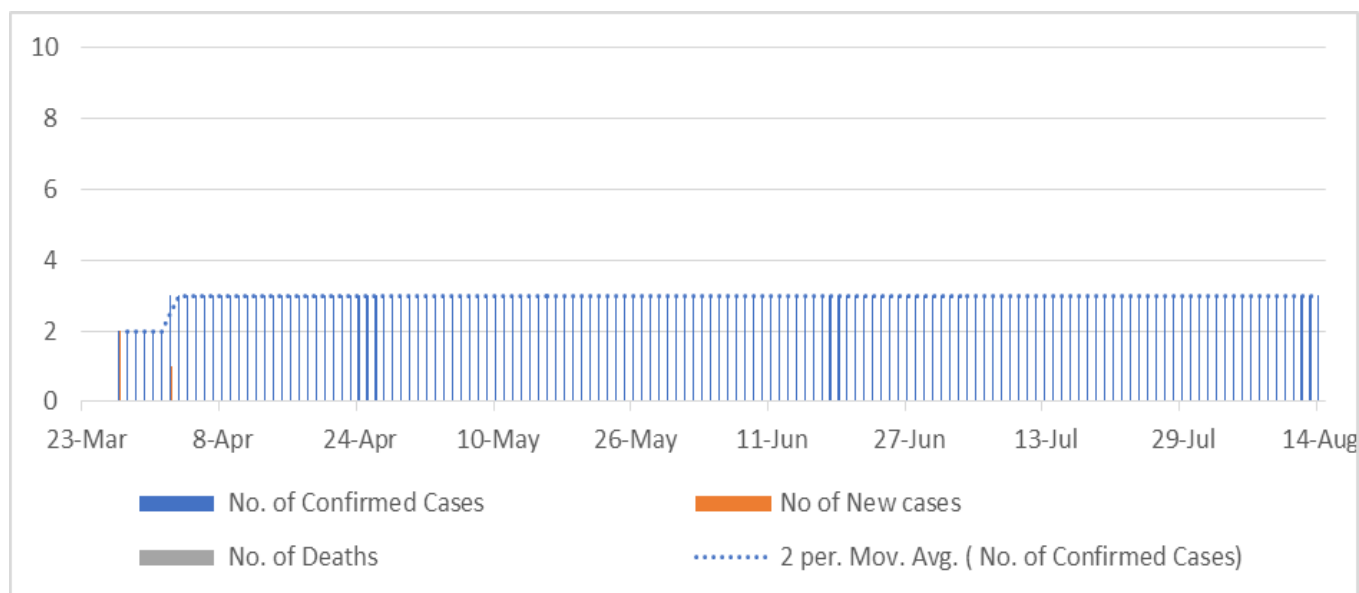
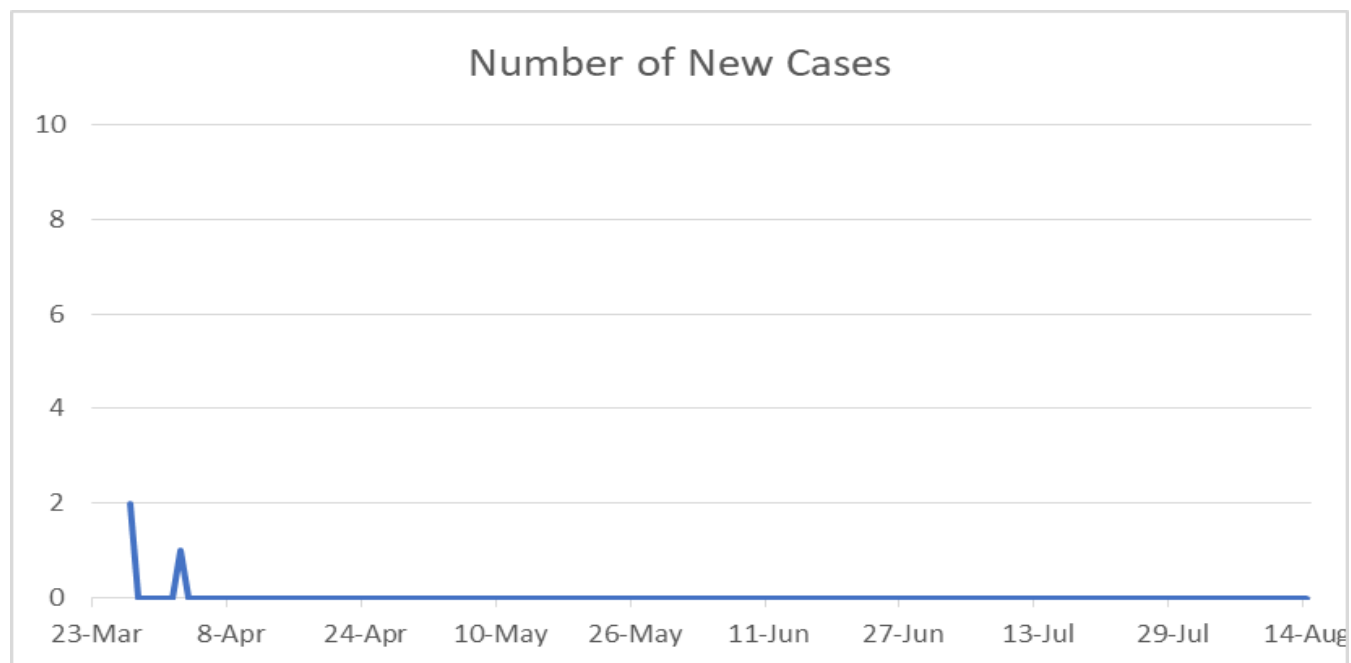


CHART 21A: ANGUILLA



Note: The last positive case of COVID-19 in Anguilla was **2 April**, a period of **134 days** as at **14 August**. The number of confirmed cases for Anguilla is 3.

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CHART 22: BERMUDA

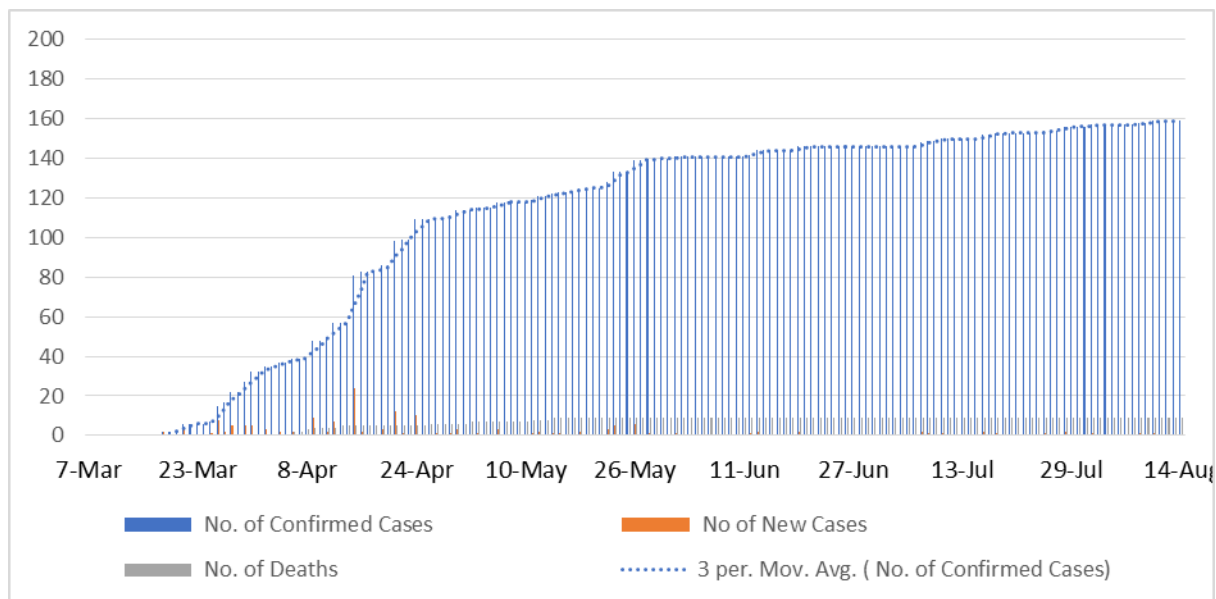
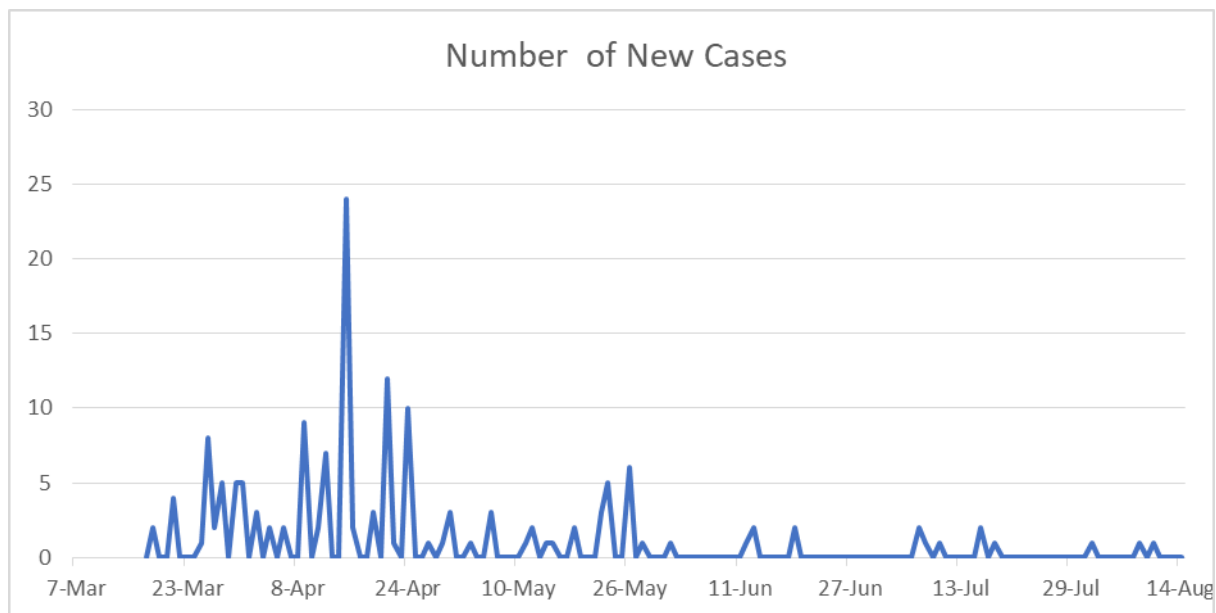
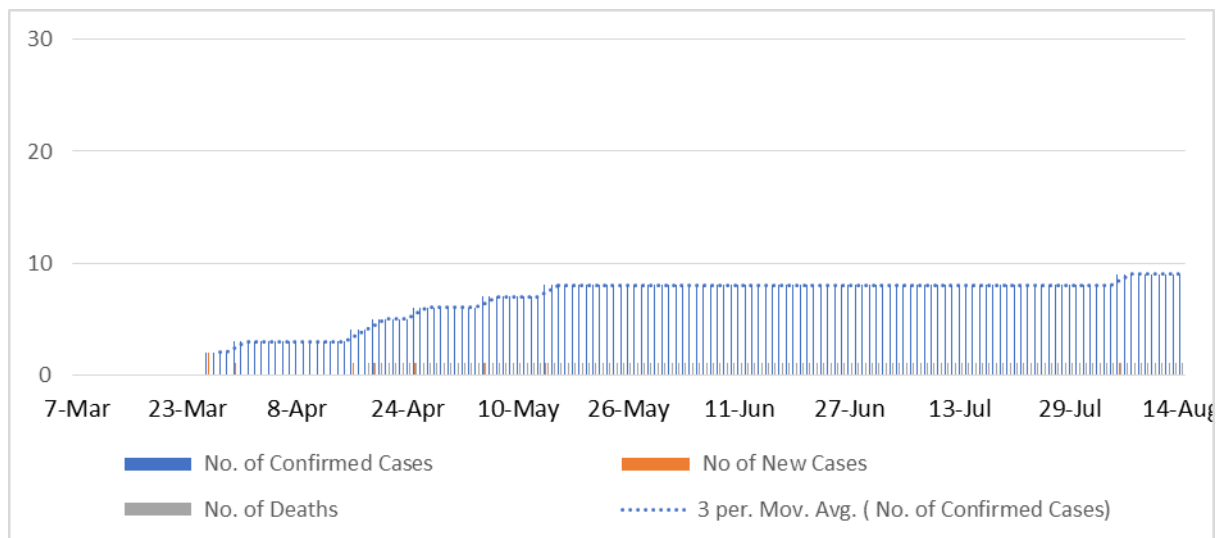
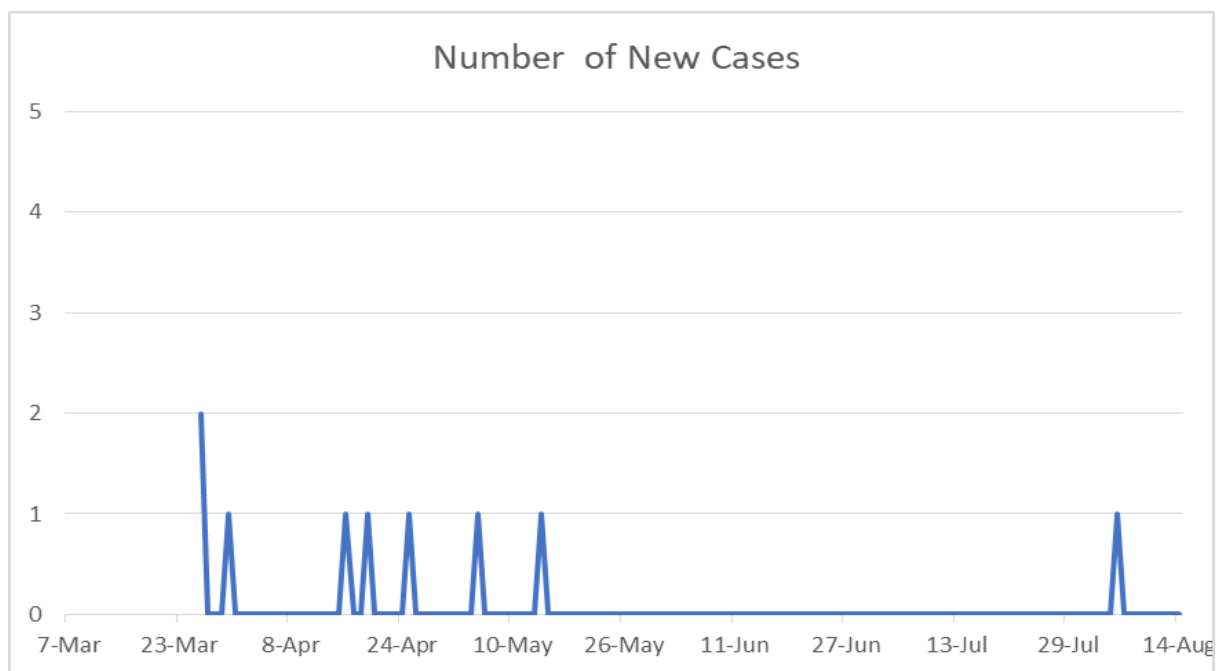


CHART 22A: BERMUDA



Note: Bermuda had **2 new cases** during **8-14 August** as compared to **1 new case** during **1- 7 August** and following **3 new cases** during **25-31 July**. The number of confirmed cases for Bermuda stood at 159 as at **14 August** with **5** active cases.

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

Note: There were **no new cases** in the British Virgin Islands during the current reporting period **8-14 August**. The last new case was during the period **1-7 August** which followed **8** consecutive periods when there were no cases. The total number of confirmed cases stood at **2** with **1** active case.

CHART 24: CAYMAN ISLANDS

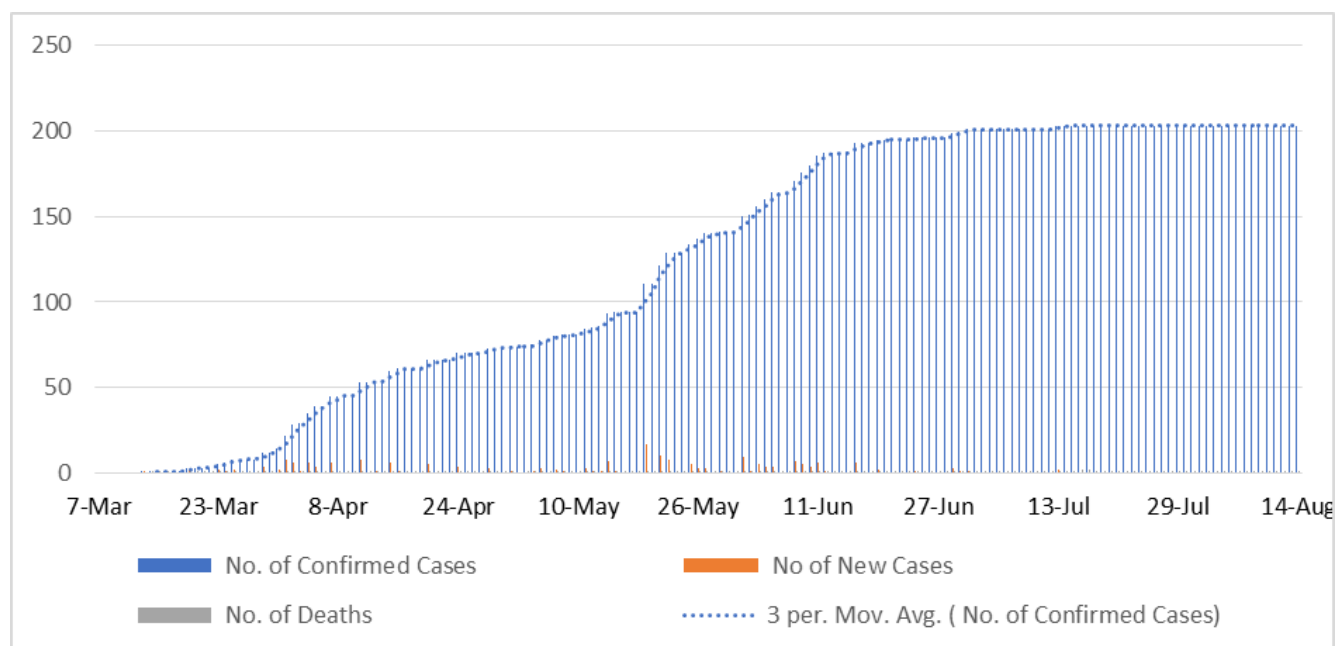
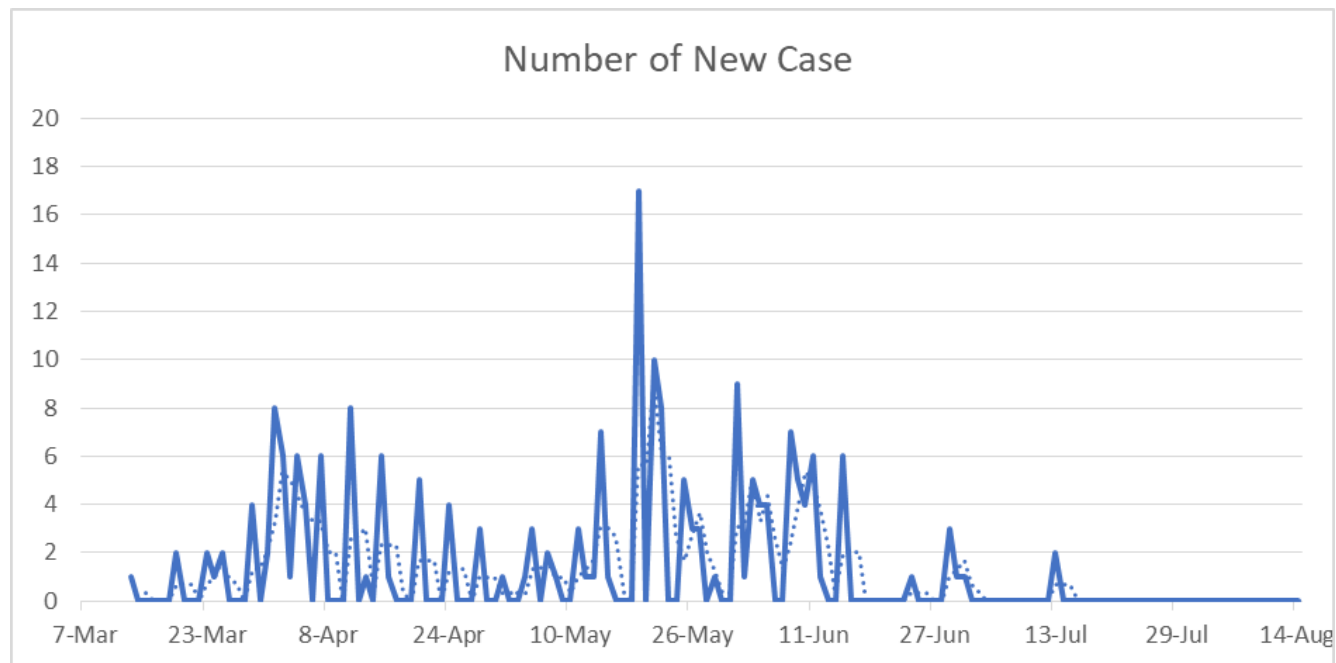


CHART 24A: CAYMAN ISLANDS



Note: There were **no new cases** in Cayman Islands during **8-14 August** similar to **1-7 August** and the previous two reporting periods, **25-31 July** and **18-24 July**. There were **2 new cases** during **11-17 July**, **no new cases** during **4-10 July** and **5 new cases** during **27 June- 3 July**. The number of confirmed cases stood at **203** with **no** active cases.

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CHART 25: TURKS AND CAICOS ISLANDS

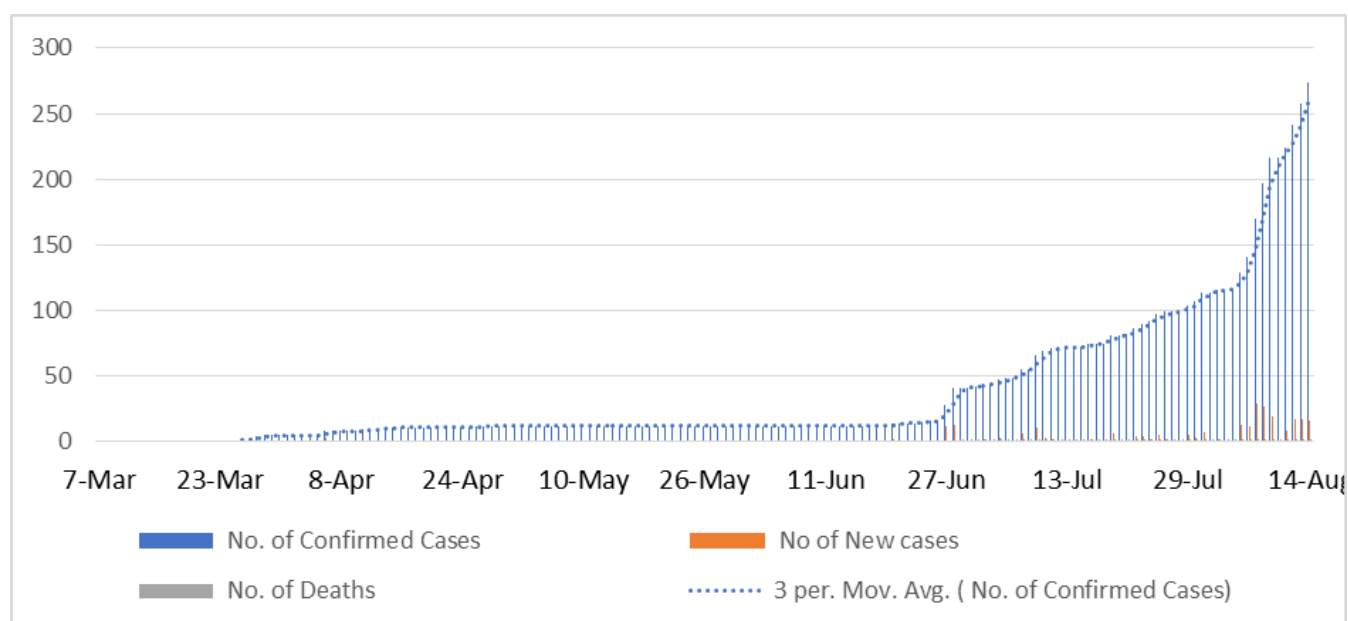
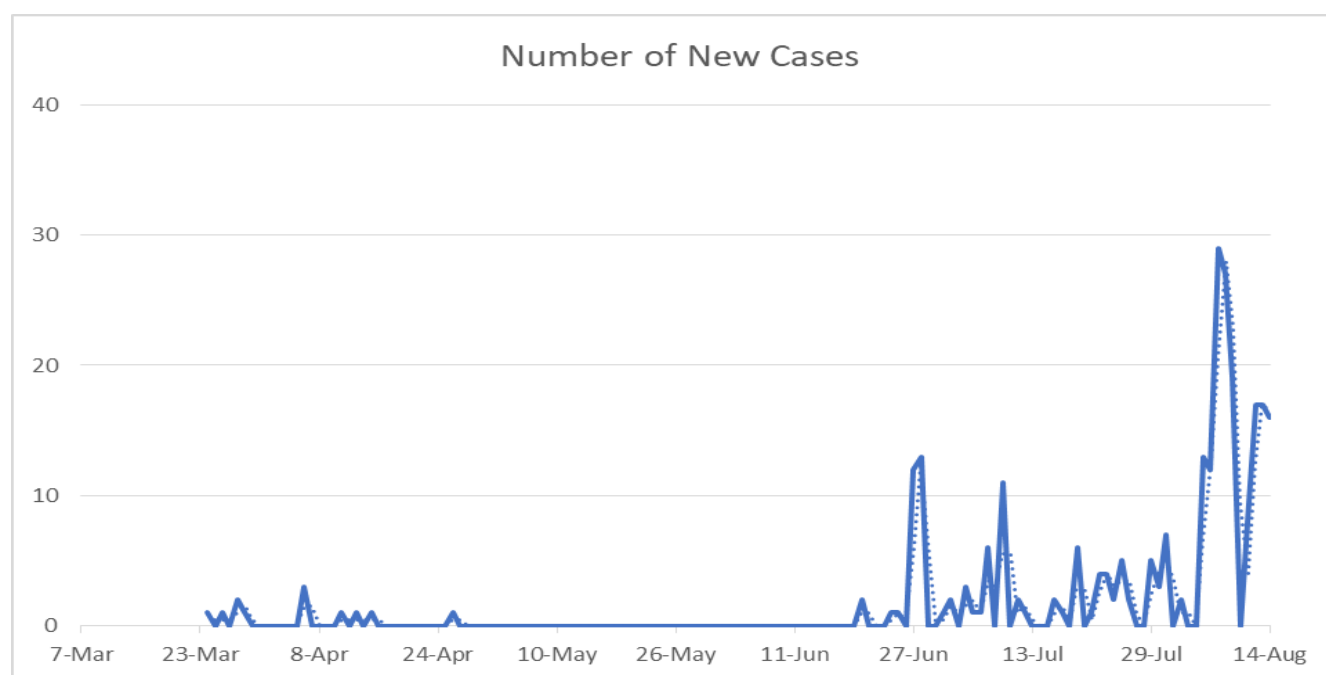


CHART 25A: TURKS AND CAICOS ISLANDS



Note: Turks and Caicos Islands had 104 new cases during the current reporting period **8-14 August**, as compared to **56 new cases** during **1-7 August** and following **22 new cases** during **25-31 July**. The number of cases stood at 274 with **217** active cases, **The increasing trend in the number of new cases is evident in Chart 25A.**

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

COUNTRY	PERIOD	NO. OF CASES	NO. OF DAYS
ALL COUNTRIES			
With Haiti	8 June 17 July	5022 10033	39
Without Haiti	31 May 17 July	1530 3085	47
With Haiti	10 June 24 July	5386 10986	44
Without Haiti	16 June 24 July	1875 3789	38
With Haiti	14 June 31 July	5986 12036	47
Without Haiti	27 June 31 July	2299 4624	34
With Haiti	18 June 7 August	6633 13,436	50
Without Haiti	15 July 7 August	2946 5854	23
With Haiti	25 June 14 August	7597 15,355	50 Rate: 2.02
Without Haiti	24 July 14 August	3789 7545	21 Rate: 1.99
The Bahamas	19 July 24 July	153 316	5
	23 July 31 July	274 574	8
	28 July 7 August	447 830	10
	31 July 14 August	574 1119	14 Rate: 1.95
Suriname	27 June 17 July	467 943	20
	6 July 24 July	614 1305	18
	14 July 31 July	801 1706	17
	20 July 7 August	1079 2203	18
	26 July 14 August	1439 2838	19 Rate: 1.97

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DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

The Bahamas

Doubling (1.95) 14 days

31st
July

574 Cases

14th
August

1119 Cases

Belize

Doubling (2.2) 4 days

10th
August

177 Cases

14th
August

388 Cases

Guyana

Doubling (1.98) 27 days

18th
July



327 Cases

14th
August



649 Cases

Haiti

Doubling (1.98) 63 days

12th
June



3941 Cases

14th
August



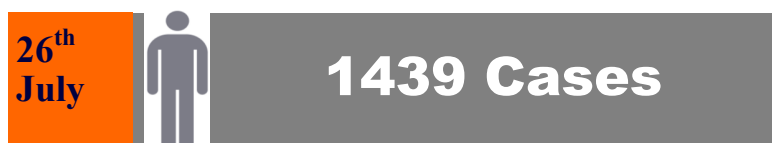
7810 Cases

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DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

Suriname

Doubling (1.97) - 19 days



Trinidad and Tobago (Returned to monitoring)

Doubling (2.03) 8 days



Turks and Caicos Islands

Doubling (1.94) 8 days

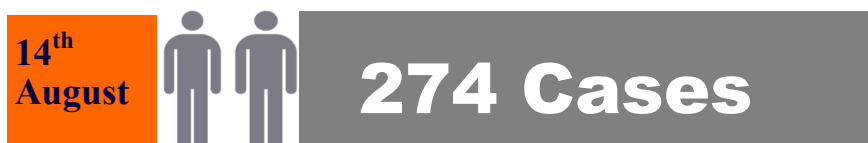


TABLE 9: EXPLANATIONS

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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