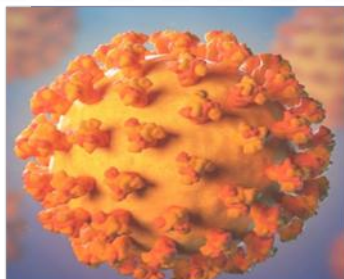


Stats News & Views



Special Topic Statistical Bulletin - COVID-19

Issue 22, 21 August 2020

The **Special Topic Statistical Bulletin on COVID 19 in CARICOM Countries Issue 22**, provides an update of the trajectory of the COVID-19 in the CARICOM Region up to **21 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 with the substantial increases in some countries are not keeping pace with these classifications.* The repatriation of nationals in a few countries and Local and possibly Community Transmission at least for one country 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



JULY 2020						
Sun	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
.....	7 ^h 9,005	8 ^h 9,113	9 ^h 9,210	10 ^h 9,353	—
AUGUST 2020						
.....	10 th 14,104	11 th 14,343	12 th 14,747	13 th 15,116	14 th 15,355	15 th 15,842
16 th 16,109	17 th 16,285	18 th 16,726	19 th 17,151	20 th 17,608	Friday, 21 st 18,059	

Doubling Rate With Haiti

Total number of confirmed cases increased by

9,054

over **45 days**
[7 July-21 Aug 2020]
2.01

Doubling Rate Without Haiti

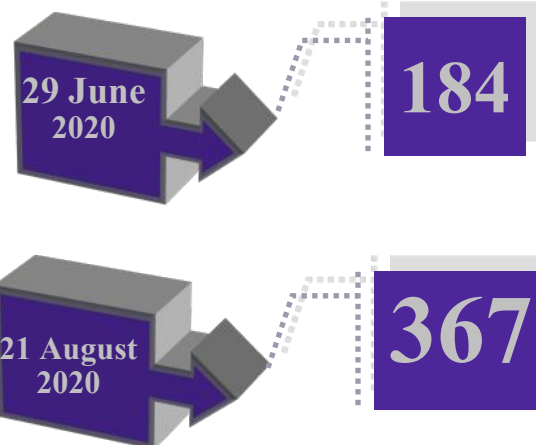
Total number of confirmed cases increased by

4,990

over **18 days**
[3 August (5053) - 21 August (10043)] 1.99

Total number of deaths

increased by 183 in 53 days
(29 June - 21 August) at a rate of 1.99



Special Topic Bulletin - COVID 19

TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 11 JULY – 21 AUGUST 2020

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
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
15-Aug	15842	487	328
16-Aug	16109	267	335
17-Aug	16285	176	340
18-Aug	16726	441	349
19-Aug	17151	425	354
20-Aug	17608	457	359
21-Aug	18059	451	367

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.

Special Topic Bulletin - COVID 19

TABLE 1A: SUMMARY OF SELECTED VARIABLES BY COUNTRY AS AT 21 AUGUST 2020

Country	Confirmed Cases	New Cases	Deaths	Recoveries	Active Cases	Tests Conducted
Total Member States	17,326	2,619	354	9,955	6,940	150,072
Antigua and Barbuda	94	1	3	88	3	1775
Bahamas	1703	584	27	221	1450	8778
Barbados	157	9	7	124	26	15332
Belize	648	260	5	43	600	6182
Dominica	19	1	0	18	1	1005
Grenada	24	0	0	24	0	1125
Guyana	881	232	31	433	417	6628
Haiti	8016	206	196	5447	2373	21826
Jamaica	1346	264	16	788	471	51765
Montserrat	13	0	1	11	0	240
Saint Lucia	26	1	0	25	1	5011
St Kitts and Nevis	17	0	0	17	0	1302
St Vincent and the Grena-	58	1	0	56	2	3039
Suriname	3460	622	56	2498	906	7432
Trinidad and Tobago	864	438	12	162	690	18632
Total Associate Members	733	85	13	462	257	75,570
Anguilla	3	0	0	3	0	483
Bermuda	167	8	9	147	11	36998
British Virgin Islands	11	2	1	8	2	1890
Cayman Islands	205	2	1	202	2	34208
Turks and Caicos Islands	347	73	2	102	242	1991
Total CARICOM	18,059	2,704	367	10,417	7,197	225,642

What do we learn from the Data?

[as at 21 August 2020]

The number of confirmed cases moved from **15,355** as at **14 August** to **18,059 cases on 21 August**. The number of deaths moved from **323** to **367**. There were **2704 new cases** (compared to **1919** new cases for the previous period) and **44** new deaths (**40** new deaths the last period). Suriname led in the number of new cases with **622**, followed by **The Bahamas** with **584** and **Trinidad and Tobago** with **438**.

Recoveries as at **21 August** stood at **10,417** and active cases at **7,197** as compared **9,158** recoveries and **5,807** active cases on **14 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 **four (4) countries** with no active cases as at **21 August**, compared to **6** in the previous reporting period. The countries with no active cases are:- *Anguilla, Grenada, Montserrat, and St. Kitts and Nevis. Cayman Islands, Dominica and Saint Lucia* left this category during the current reporting period.
- ♦ **Six (6) countries** *Dominica (1), Saint Lucia (1), British Virgin Islands (2), Cayman Islands (2), St Vincent and the Grenadines (2) and Antigua and Barbuda (3)* had **1-4** active cases.
- ♦ **One (1) country** had greater than **10** but less than **25** active cases: *Bermuda (11) with Barbados (26) having just over 25 cases.*
- ♦ **The remaining eight (8) countries** had **200+** active cases —*Turks and Caicos Islands (242), Guyana (417), Jamaica (471), Belize (600), Trinidad and Tobago (690), Suriname (906), The Bahamas (1450) and Haiti (2373).*

Recoveries

- ♦ As mentioned earlier, there were **four** countries for which all active cases had recovered as at **21 August**.
- ♦ Among the other countries, **Haiti** had **5447** recoveries (**68 percent** of total confirmed cases), **Suriname**, **2498 (72.2 percent)**, **Jamaica**, **788 (58.5 percent)**, **The Bahamas**, **221 (13.0 percent)** and **Cayman Islands**, **202 (98.5 percent)**.

Confirmed Cases

- ♦ In absolute terms the countries with the highest numbers of Confirmed Cases are **Haiti, 8016, Suriname, 3460. The Bahamas, 1703, Jamaica, 1346, Guyana, 881, Trinidad and Tobago, 864, Belize, 648, Turks and Caicos Islands, 347, Cayman Islands, 205, Bermuda, 167 and Barbados 157.**
- ♦ In rates per 100,000 population for countries with 25+ cases, **Turks and Caicos Islands is still in the lead with 840.19, followed by Suriname with 593.48, The Bahamas has now surpassed Cayman Islands and is now at 446.61, Cayman Islands with 311.49 and Bermuda with 261.05.**
- ♦ The rate for **Belize, 162.79, Guyana, 118.89, Antigua and Barbuda is 98.93. Montserrat (under 25 cases)** has a rate of **260 (13 cases); Trinidad and Tobago with 63.57 has now surpassed Jamaica, 49.35.** The rate for **Haiti is 70.24.** [Please see Table 2 for rates for other countries].

Deaths

- ♦ **Haiti** has the highest number of deaths as at **21 August** with **196 (+4)**. **Suriname** is in second place with **56 (+15)**, followed by, **Guyana, 31 (+9), The Bahamas, 27 (+10)** and **Jamaica** with **16 (+2)**.
- ♦ 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 **9.61** followed by **The Bahamas (7.08)** and **Turks and Caicos Islands, 4.84 (2)**. The rate for **Haiti** is **1.72** and for **Guyana 4.18**.
- ♦ 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 **9.1 percent**, followed by **Montserrat** with **7.7 percent**, **Bermuda, 5.4 percent, Barbados, 4.5 percent**, and **Guyana, 3.5 percent. Haiti** is at **2.4 percent**.

Testing- [Tracking the pandemic]

- ♦ **Bermuda, with a rate per 100,000 of the number of tests conducted of 57,833.8 (36.998 tests)**, has the highest rate followed by **Cayman Islands** with **51977.6 (34,208 tests)**, **British Virgin Islands 6483.5 (1890 tests)**, **Barbados, 5582.7 (15,332 tests)** and **Turks and Caicos Islands with 4820.8 (1991 tests)**. **Jamaica** has conducted the highest number of tests with **51,765** but is in **twelfth place** with **1897.9 tests per 100,000 population**.

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CHART 1: SUMMARY ALL COUNTRIES - NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS – 10 MARCH - 21 AUGUST 2020

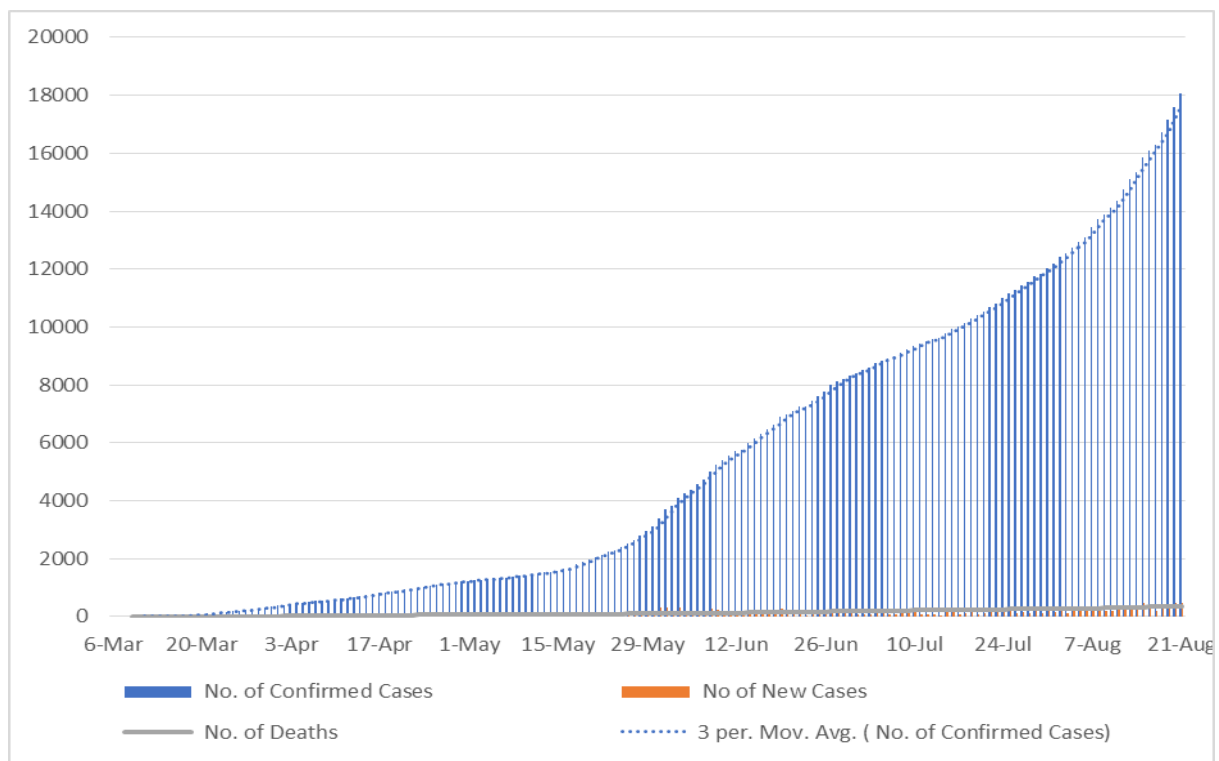
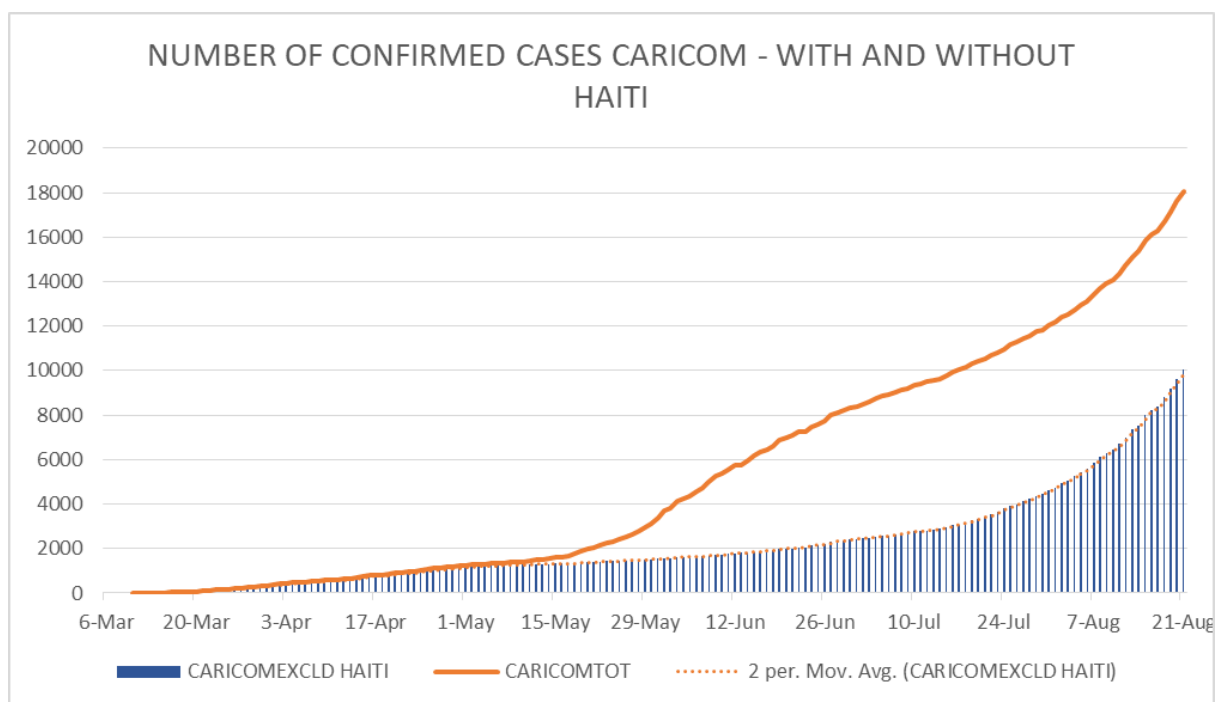


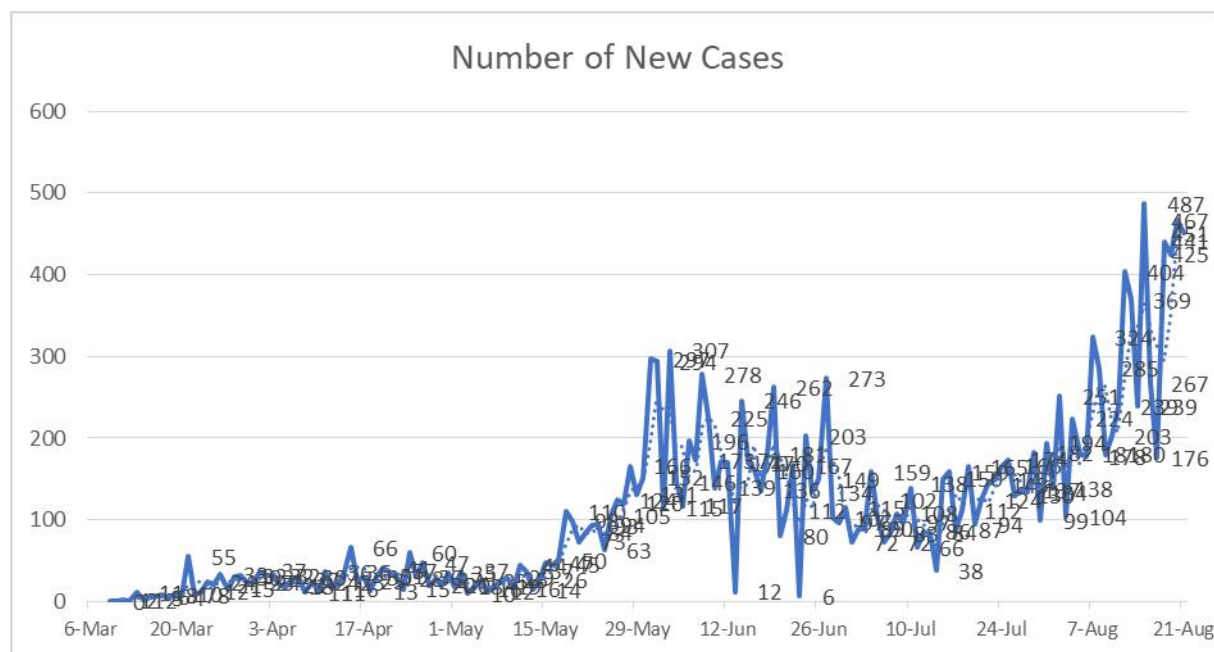
CHART 1A: NUMBER OF CONFIRMED CASES IN CARICOM- WITH AND WITHOUT HAITI AS AT 21 AUGUST 2020



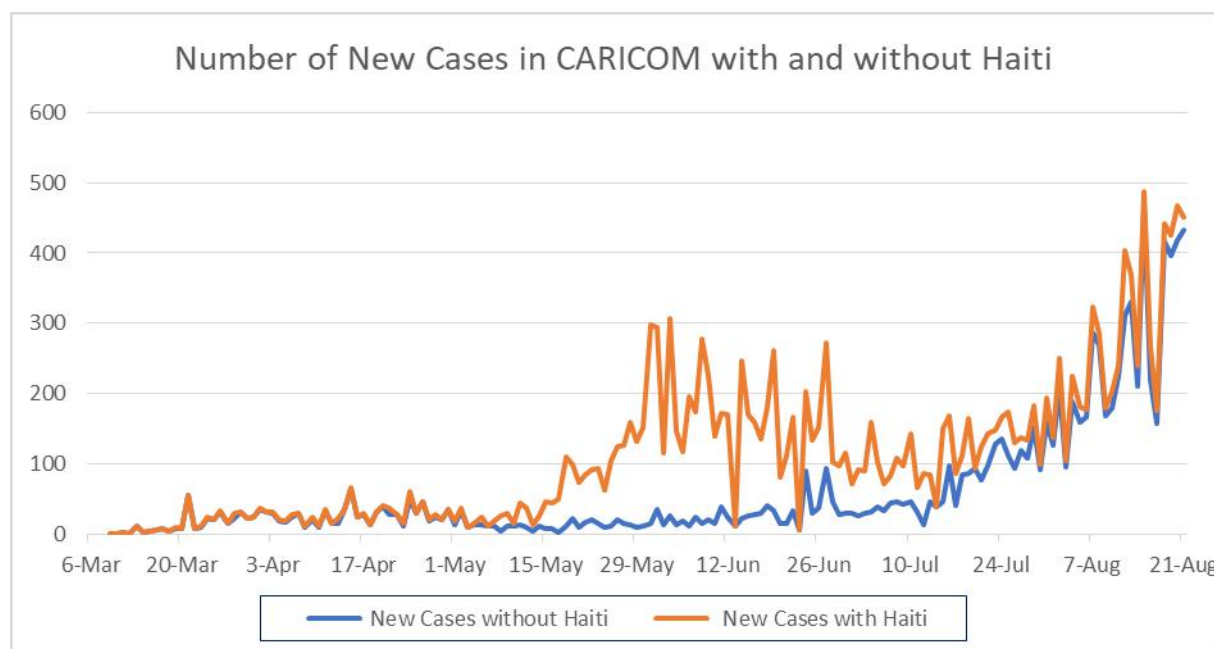
Note: The number of confirmed cases moved from 15,355 as at 14 August to 18,059 as at 21 August, increasing by 2704 cases, while the number of deaths moved from 323 to 367, an increase of 44.

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**CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES -
10 MARCH - 21 AUGUST 2020**



**CHART 1C: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - WITH AND
WITHOUT HAITI - 10 MARCH - 21 AUGUST 2020**



Note: The total number of new cases for the period **15-21 August** is **2704** as compared to **1919** during the last reporting period, **8-14 August**, an increase of **785**. **Suriname** had the highest number of new cases, again, with **622**, **23.0 percent** of the total for CARICOM (**33.1 percent** for the previous period). **The Bahamas** had the second highest number of new cases with **584** (**21.6 percent**) followed by **Trinidad and Tobago** with **438** (**16.2 percent**), **Jamaica** with **264** (**9.8 percent**), **Belize** with **260** (**9.6 percent**), **Guyana** with **232** (**8.6 percent**), **Haiti** with **206** (**7.6**) and **Turks and Caicos Islands**, **73** (**2.7 percent**). 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 - 21 AUGUST 2020**

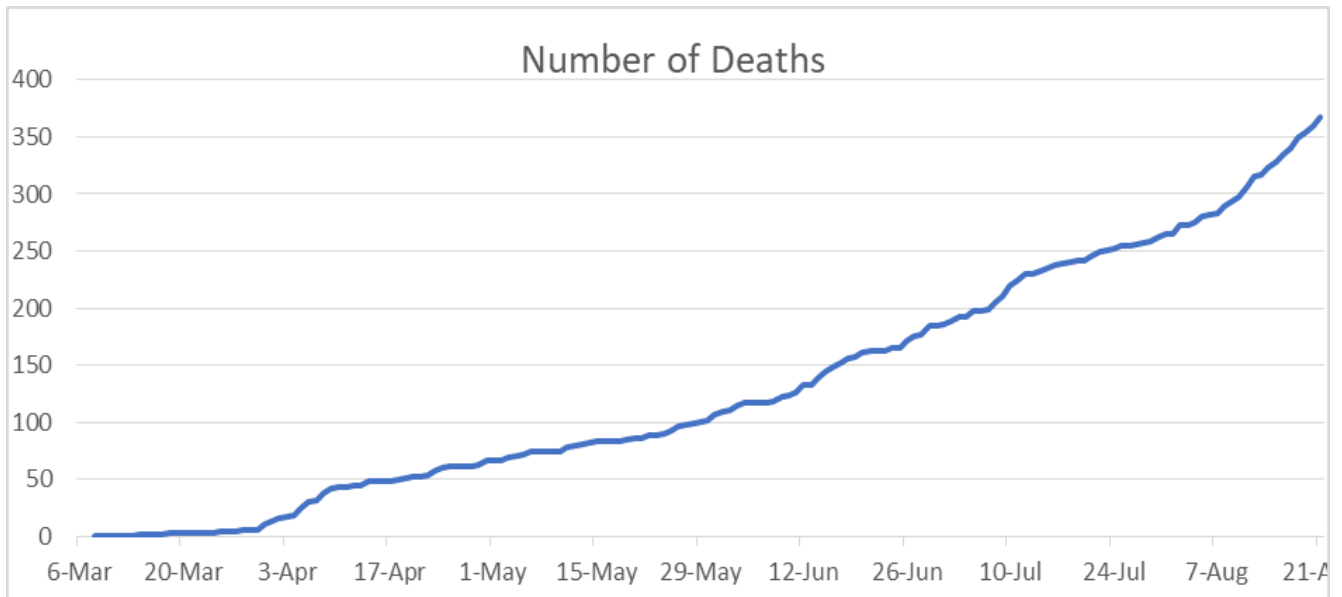
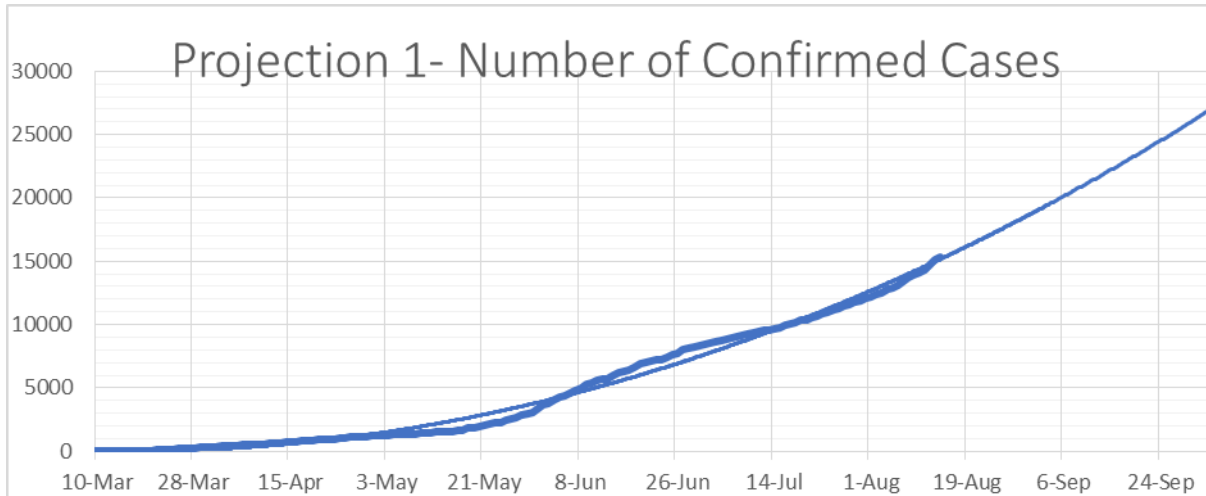
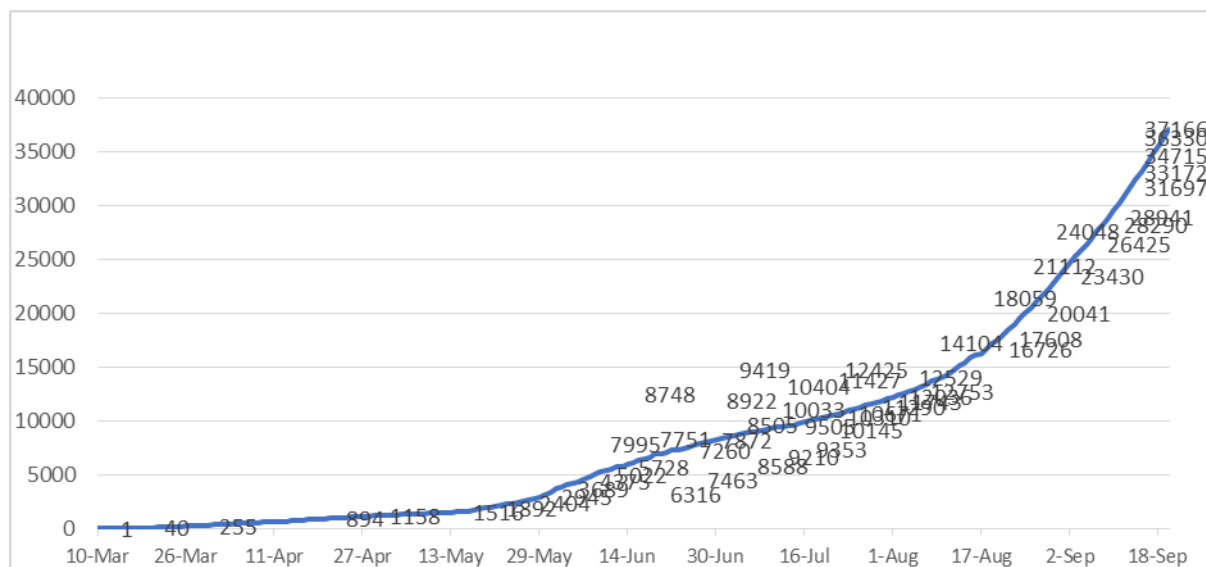


CHART 2: PROJECTION 1-ESTIMATED NUMBER OF CONFIRMED CASES EXTENDED TO OCTOBER 2020



Note: The non-linear trendline gave a projected value for **21 August** of **17,500**. The actual value is **18,059** which is relatively close to the projected value. The projected value for **28 August** is **19,000**.

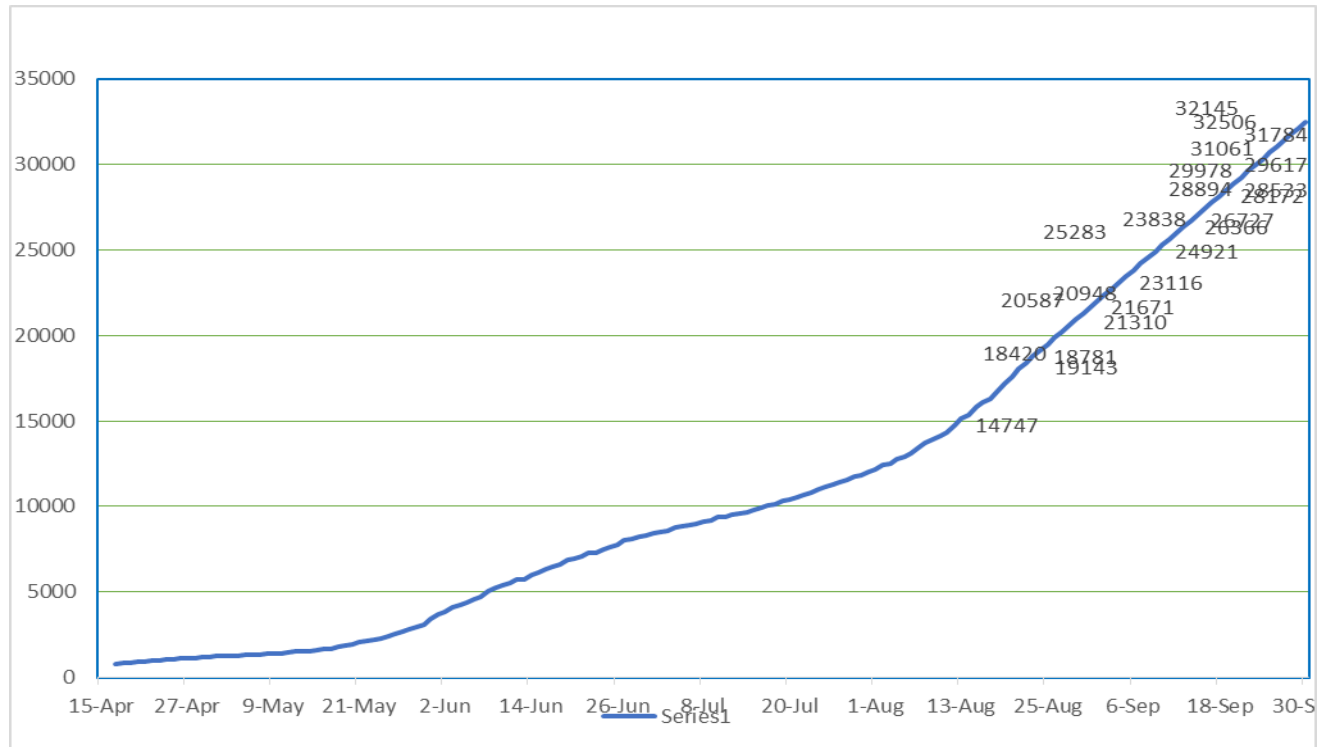
CHART 2A: UPDATED PROJECTION USING GROWTH RATES (19-21 AUGUST) OF THE NUMBER OF CONFIRMED CASES PROJECTED UP TO SEPTEMBER 2020



Note: The projected value for **21 August** was **16,347**. The actual value is **18,059**, which shows substantive growth in positive cases. The projection has been updated to reflect more recent growth rates. The projected value for **28 August** is **21,669**.

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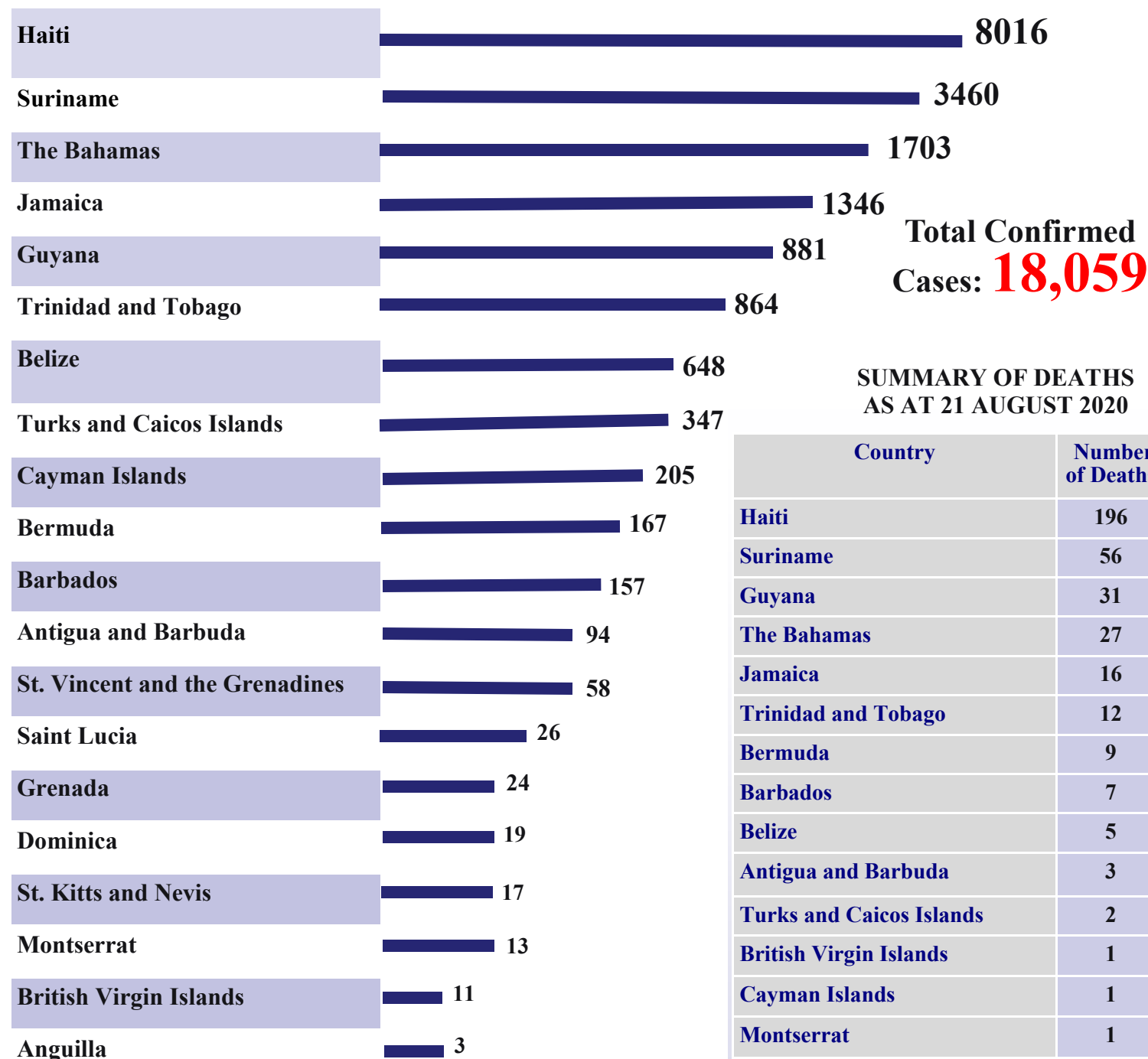
CHART 2B: PROJECTION BASED ON 50 DAY DOUBLING PERIOD- UP TO SEPTEMBER 2020- FITTED WITH ACTUAL VALUES



Note: The projected value for **21 August** should have been stated to be 17198. The actual value is **18,059**, relatively close to the projected value. The projection has been updated and the projected value for **21 August** is **20,587**.

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SUMMARY OF CONFIRMED CASES AS AT 21 AUGUST 2020



SUMMARY OF DEATHS AS AT 21 AUGUST 2020

Country	Number of Deaths
Haiti	196
Suriname	56
Guyana	31
The Bahamas	27
Jamaica	16
Trinidad and Tobago	12
Bermuda	9
Barbados	7
Belize	5
Antigua and Barbuda	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 has crossed the **8000 bar** and is at **8016**, which is about **2.3 times** (2.75 times the previous week) the number of confirmed cases for Suriname (second place) that has **3460** cases, The Bahamas (third place) has **1703** cases with Jamaica in fourth with **1346**. Guyana is fifth with **881** confirmed cases. While Haiti is still in the lead with **196** deaths, it contributed **4** deaths for the current reporting period. Suriname contributed an additional **15** deaths to be at **56**, The Bahamas had **10 additional deaths** to be at **27**, Guyana had **9 additional deaths** to reach **31** with Belize, Jamaica and Trinidad and Tobago each contributing **2 additional** deaths.

Total Deaths: 367

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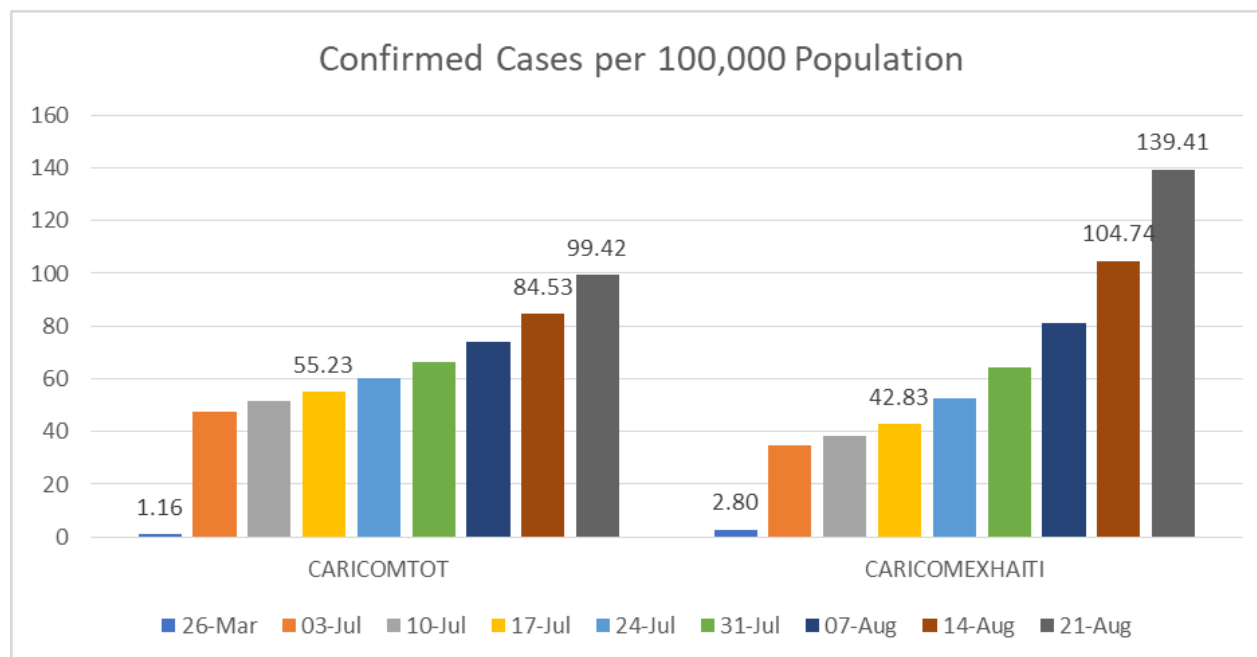
TABLE 2: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION IN CARICOM –SELECTED COUNTRIES– 10 JULY – 21 AUGUST

COUNTRY	DATE						
	10-Jul	17-Jul	24-Jul	31-Jul	07-Aug	14-Aug	21-Aug
CARICOM -ALL COUNTRIES	51.49	55.23	60.48	66.26	73.97	84.53	99.42
CARICOM EXCLD HAITI	38.47	42.83	52.60	64.19	81.26	104.74	139.41
ANTIGUA AND BARBUDA	77.88	79.99	86.30	95.78	96.83	97.88	98.93
THE BAHAMAS	28.32	33.83	82.87	150.53	217.66	293.45	446.61
BARBADOS	35.68	37.87	39.33	40.05	50.25	53.89	57.17
BERMUDA	234.47	237.60	239.16	243.85	245.42	248.54	261.05
BELIZE	9.30	10.05	12.06	12.06	36.68	97.48	162.79
CAYMAN ISLANDS	305.41	308.45	308.45	308.45	308.45	308.45	311.49
GUYANA	39.14	43.18	47.50	55.74	72.60	87.58	118.89
HAITI	57.68	60.89	63.07	64.95	66.44	68.44	70.24
JAMAICA	27.61	28.16	28.16	32.19	36.19	39.67	49.35
SAINT LUCIA				13.97	13.97	13.97	14.53
ST VINCENT AND THE GRENADINES	26.13	31.53	46.85	48.65	50.45	51.35	52.25
SURINAME	124.53	161.75	223.84	292.62	377.87	486.79	593.48
TRINIDAD & TOBAGO	9.79	10.01	10.45	12.43	16.55	31.34	63.57
TURKS AND CAICOS ISLANDS	159.81	181.60	222.76	276.03	411.62	663.44	840.19

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 **21 August are: Turks and Caicos Islands (840.19), Suriname (593.48), The Bahamas (446.61), Cayman Islands (311.49), and Bermuda (261.05). Belize follows with 162.79, Guyana with 118.89 and Antigua and Barbuda with 98.93. Haiti's rate is 70.24** Montserrat (less than 25 confirmed cases) not shown in this table has a rate of **260 cases per 100, 000 population and is now outside the top 5. Trinidad and Tobago** with rapid increase in the past couple of weeks now has a rate of **63.57, surpassing Jamaica**, that has a rate of **49.35**. Information on the number of confirmed cases per 100, 000 population as at 19 June for those countries that are not shown can be requested. Please check previous Issues for rates for earlier periods.

**CHART 3: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION-
CARICOM WITH AND WITHOUT HAITI 26 MARCH-21 AUGUST 2020**



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CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES 26 MARCH– 21 AUGUST 2020

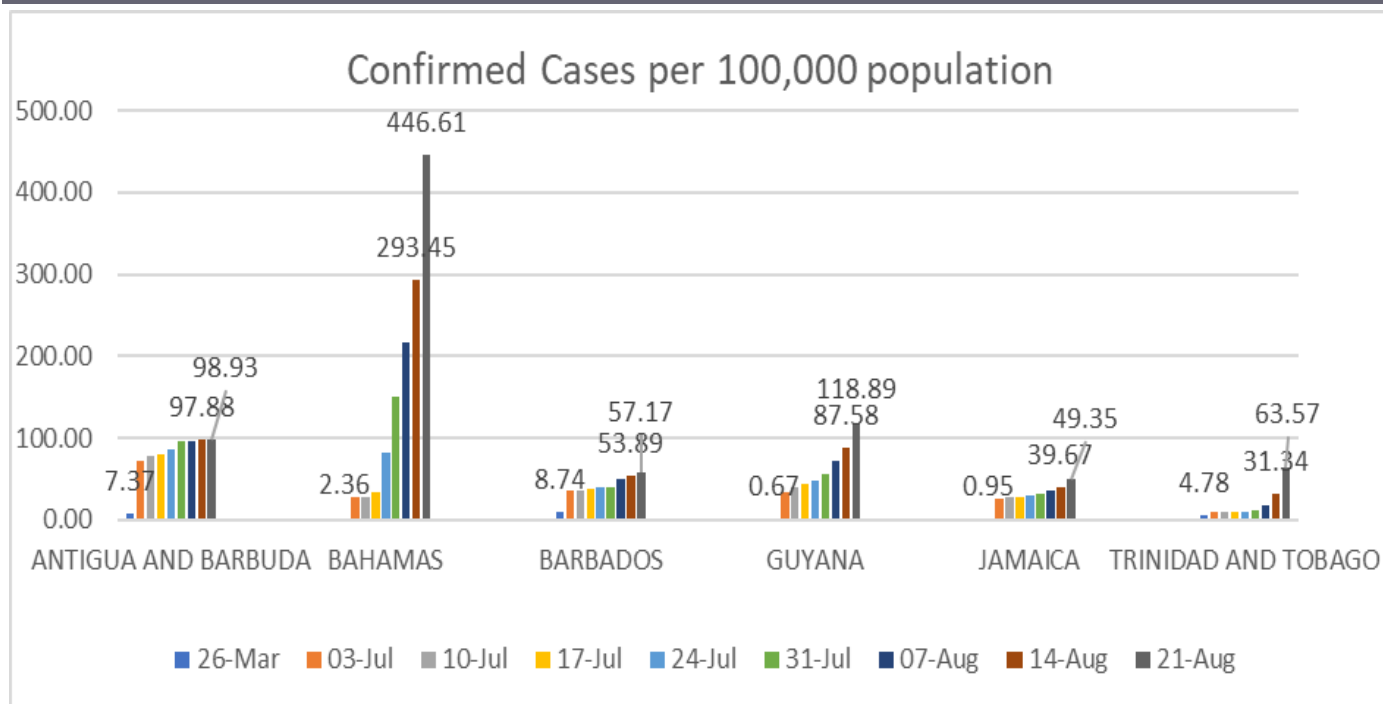
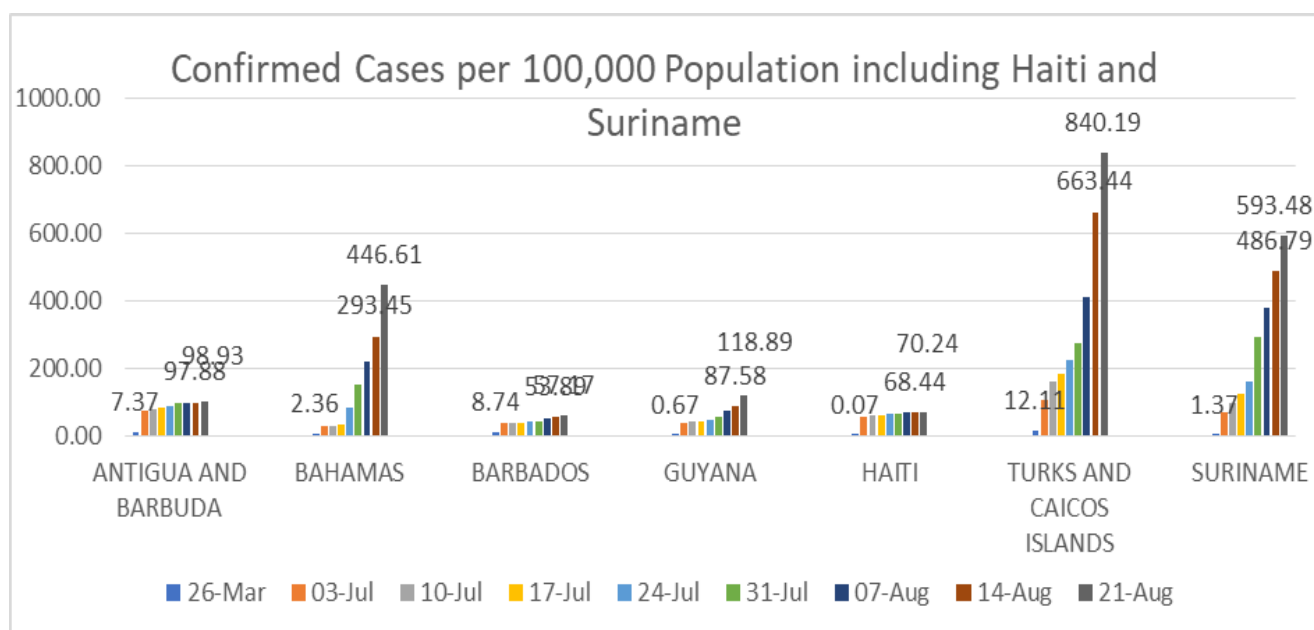


CHART 3B: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES (WITH HAITI AND SURINAME) 26 MARCH– 21 AUGUST 2020



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CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS -26 MARCH– 21 AUGUST 2020

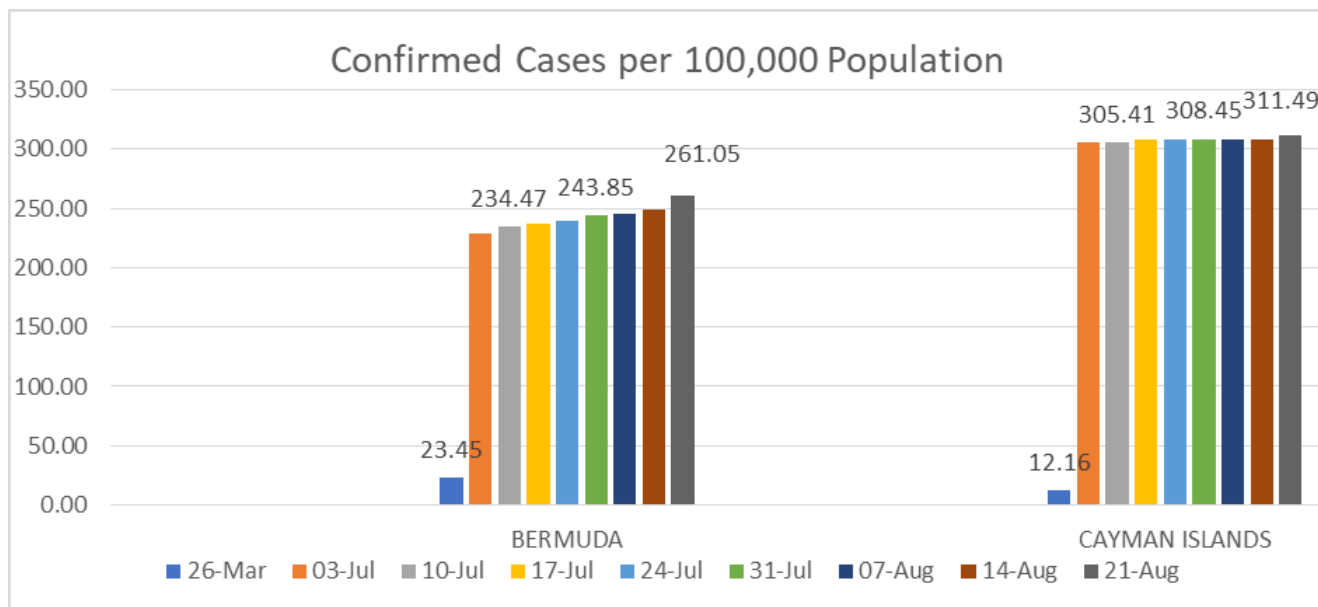
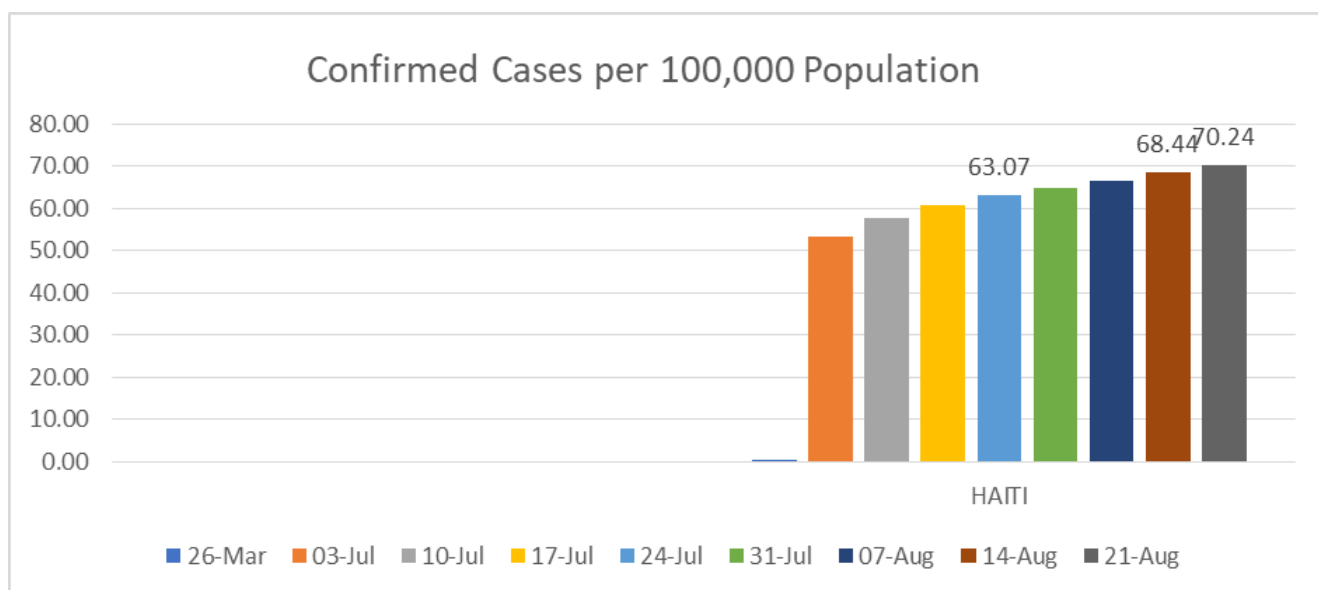
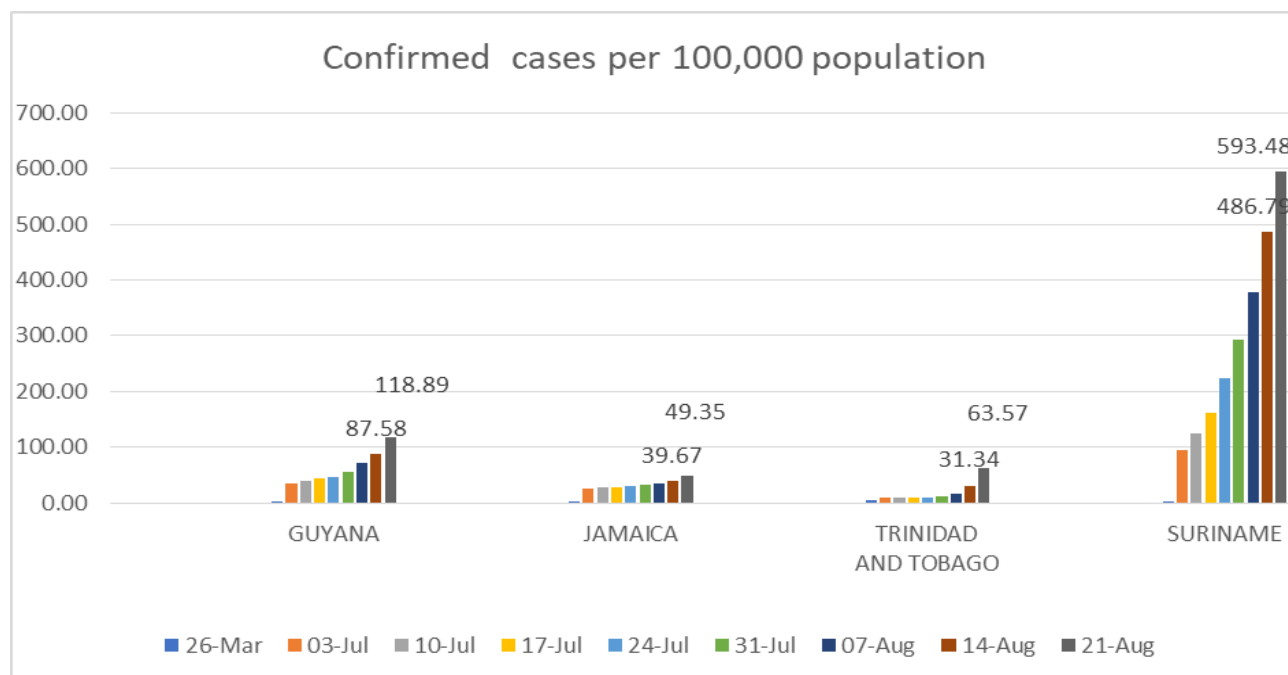


CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- HAITI - 26 MARCH– 21 AUGUST 2020

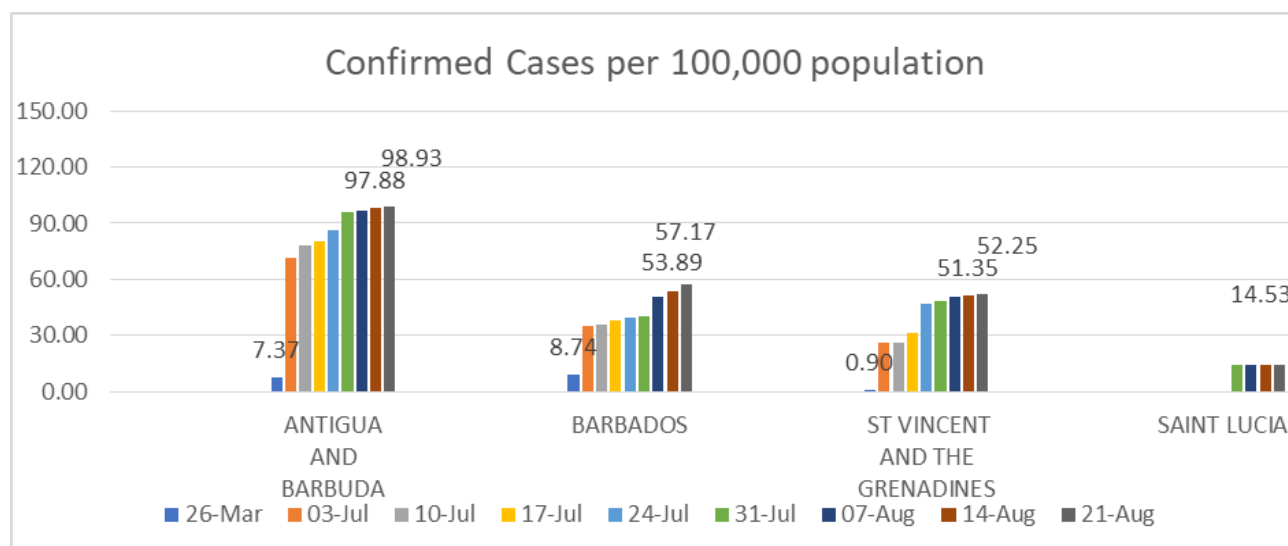


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**CHART 3E: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
GUYANA, JAMAICA, TRINIDAD AND TOBAGO AND SURINAME
26 MARCH– 21 AUGUST 2020**



**CHART 3F: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
ANTIGUA AND BARBUDA, BARBADOS, ST. VINCENT AND THE GRENADINES
AND SAINT LUCIA
26 MARCH– 21 AUGUST 2020**



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**TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION
10 JULY – 21 AUGUST 2020**

	DATE						
	10– July	17– July	24– July	31– July	07– August	14– August	21– August
CARICOM - ALL COUNTRIES	1.21	1.32	1.39	1.46	1.56	1.78	2.02
CARICOM EXCL. HAITI	1.24	1.30	1.36	1.44	1.55	1.82	2.37
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	3.67	3.67	4.46	7.08
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	0.75	1.26
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	2.16	2.56	2.70	2.70	2.97	2.97	4.18
HAITI	1.14	1.27	1.35	1.41	1.50	1.68	1.72
JAMAICA	0.37	0.37	0.37	0.37	0.48	0.51	0.59
MONTSERRAT	20.0	20.00	20.00	20.00	20.00	20.00	20.00
SURINAME	3.09	3.26	3.95	4.46	4.97	7.03	9.61
TRINIDAD & TOBAGO	0.59	0.59	0.59	0.59	0.59	0.74	0.88
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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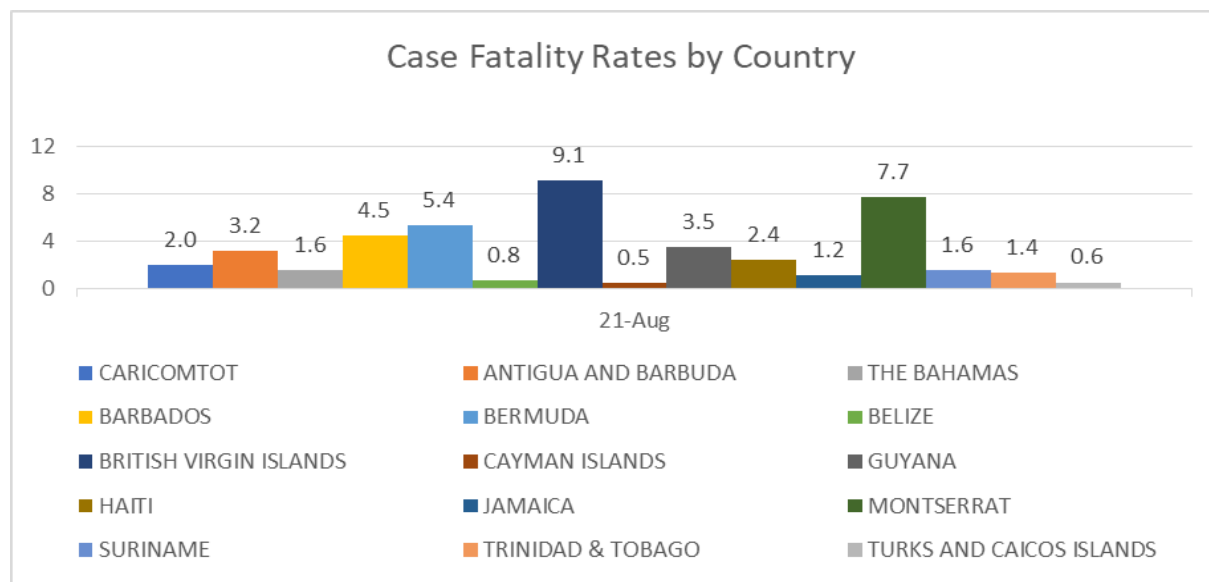
**TABLE 3A: DEATHS AS A PERCENTAGE OF THE NUMBER OF
CONFIRMED CASES– CASE FATALITY RATES –10 JULY – 21 AUGUST**

	Date						
COUNTRY	10-Jul	17-Jul	24-Jul	31-Jul	07-Aug	14-August	21-August
CARICOM-ALL COUNTRIES	2.3	2.4	2.3	2.2	2.1	2.1	2.0
ANTIGUA AND BARBUDA	4.1	3.9	3.7	3.3	3.3	3.2	3.2
THE BAHAMAS	10.2	8.5	3.5	3.0	1.7	1.5	1.6
BARBADOS	7.1	6.7	6.5	6.4	5.1	4.7	4.5
BERMUDA	6.0	5.9	5.9	5.8	5.7	5.7	5.4
BELIZE	5.4	5.0	4.2	4.2	1.4	0.8	0.8
BRITISH VIRGIN ISLANDS	12.5	12.5	12.5	12.5	11.1	11.1	9.1
CAYMAN ISLANDS	0.5	0.5	0.5	0.5	0.5	0.5	0.5
GUYANA	5.5	5.9	5.7	4.8	4.1	3.4	3.5
HAITI	2.0	2.1	2.1	2.2	2.3	2.5	2.4
JAMAICA	1.3	1.3	1.2	1.1	1.3	1.3	1.2
MONTSERRAT	9.1	9.1	8.3	7.7	7.7	7.7	7.7
SURINAME	2.5	2.0	1.8	1.5	1.3	1.4	1.6
TRINIDAD & TOBAGO	6.0	5.9	5.6	4.7	3.6	2.3	1.4
TURKS AND CAICOS ISLANDS	2.9	2.7	2.2	1.8	1.2	0.7	0.6

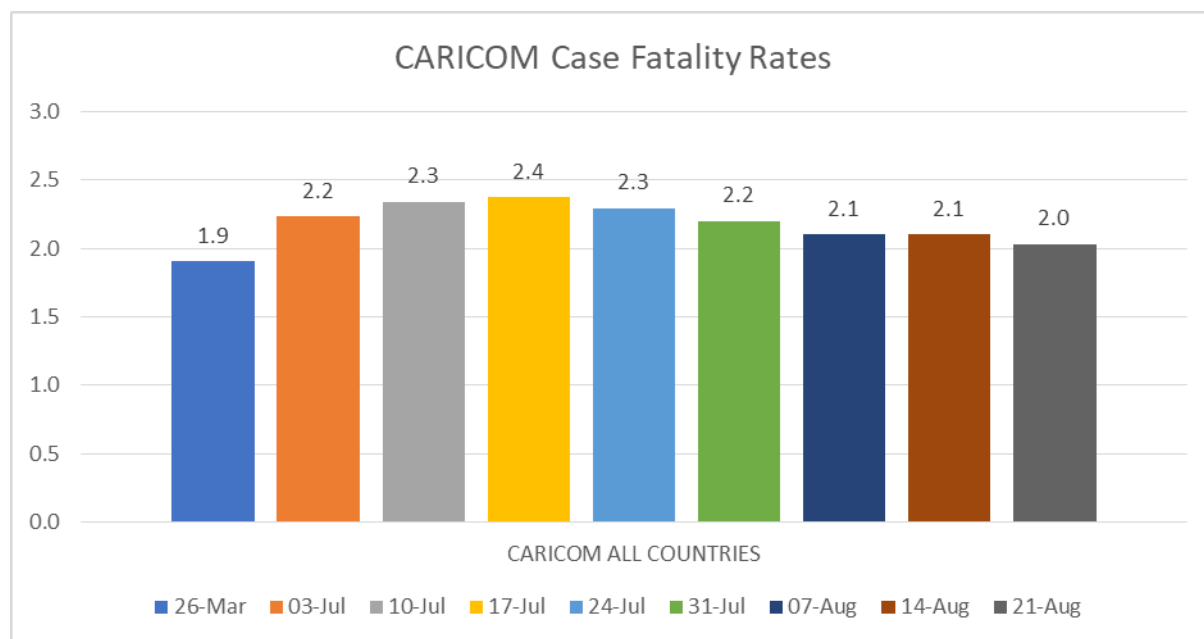
Note: The number of deaths to confirmed cases reflects a fatality rate that does not take the population size into consideration. Please check previous issues for values for earlier periods.

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**CHART 4: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
ALL COUNTRIES-CASE FATALITY RATES AS AT 21 AUGUST 2020**

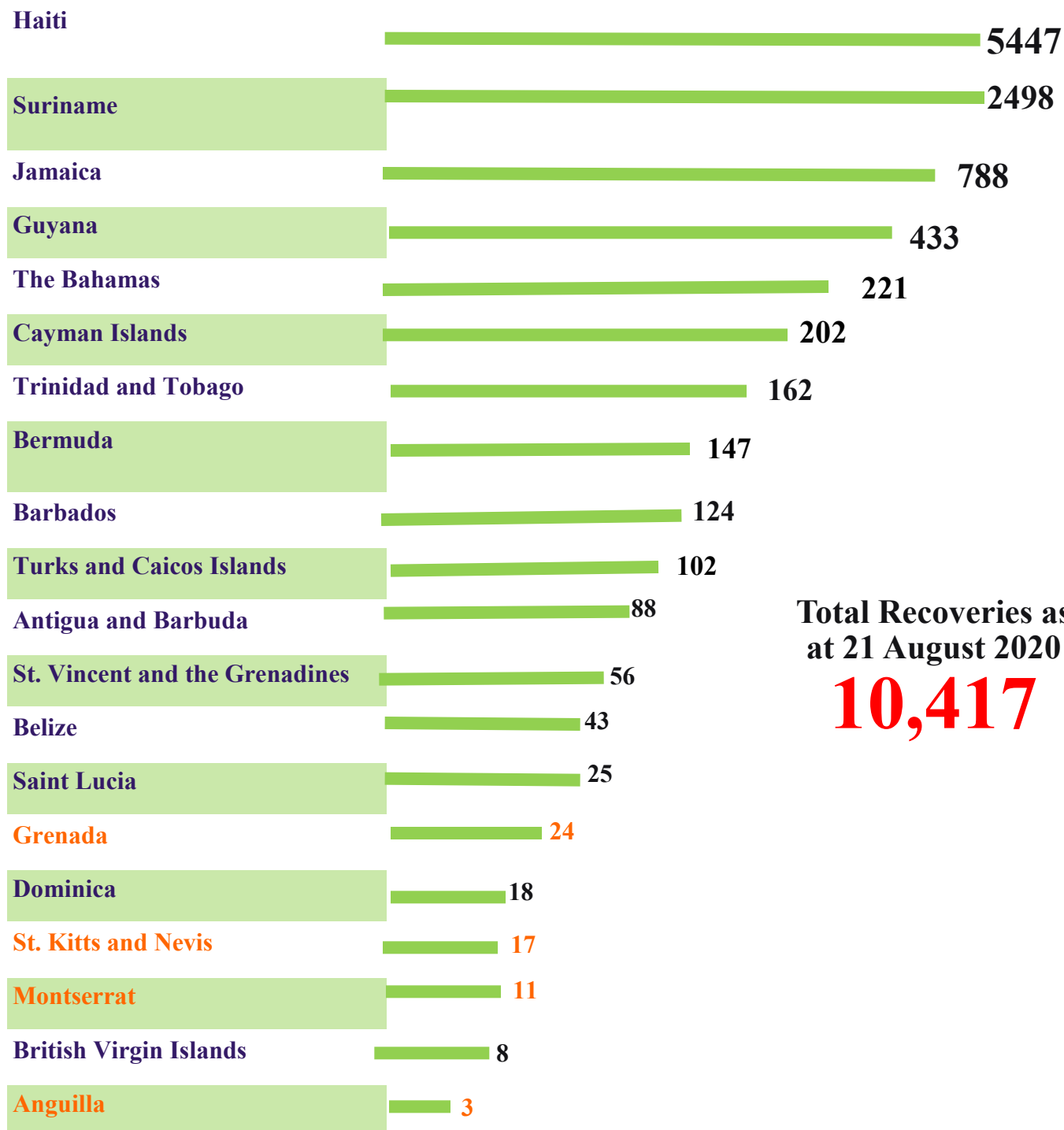


**CHART 4A: CARICOM—ALL COUNTRIES- CASE FATALITY RATES
26 MARCH - 21 AUGUST**



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SUMMARY OF RECOVERED CASES AS AT 21 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 21 AUGUST 2020

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPITALISATIONS
Haiti	8016	5447	2373	21826	185
Suriname	3460	2498	906	7432	188
Jamaica	1346	788	471	51765	32
Guyana	881	433	417	6502	
Bahamas	1703	221	1450	8778	77
Cayman Islands	205	202	2	34208	0
Trinidad and Tobago	864	162	690	18632	423
Bermuda	167	147	11	36998	0
Barbados	157	124	26	15332	
Turks and Caicos Islands	347	102	242	1991	2
Antigua and Barbuda	94	88	3	1775	
St Vincent and the Grenadines	58	56	2	3039	
Belize	648	43	600	6182	
Saint Lucia	26	25	1	5011	0
Grenada	24	24	0	1125	0
Dominica	19	18	1	1005	
St Kitts and Nevis	17	17	0	1302	0
Montserrat	13	11	0	240	0
British Virgin Islands	11	8	2	1890	
Anguilla	3	3	0	483	0
Total	18,059	10,417	7,197	225,516	

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

All active cases in **Anguilla, Grenada, Montserrat and St Kitts and Nevis** have recovered up to the end of the reporting period **21 August**.

The following countries **had no active cases** in past reporting periods and now have active cases: **British Virgin Islands (2), Dominica (1), Saint Lucia (1) Cayman Islands (2) Bermuda (11), St Vincent and the Grenadines (2), Barbados (26), Trinidad and Tobago (690), Turks and Caicos Islands (242), Belize (600) and Suriname (906).**

Antigua and Barbuda has **3** active cases, **The Bahamas 1450, Guyana, 417, Jamaica, 471 and Haiti, 2373.**

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 21 AUGUST 2020**

COUNTRY	NO. OF	NO. OF TESTS PER 100,000
Anguilla	483	3220.0
Antigua and Barbuda	1775	1868.1
Bahamas	8778	2302.0
Barbados	15332	5582.7
Belize	6182	1553.1
Bermuda	36998	<u>57833.8</u>
British Virgin Islands	1890	6483.5
Cayman Islands	34208	<u>51977.6</u>
Dominica	1005	1395.8
Grenada	1125	1009.3
Guyana	6502	877.5
Haiti	21826	191.3
Jamaica	51765	1897.9
Montserrat	240	4800.0
Saint Lucia	5011	2799.4
St Kitts and Nevis	1302	2456.6
St Vincent and the Grenadines	3039	2737.8
Suriname	7432	1274.8
Trinidad and Tobago	18632	1370.8
Turks and Caicos Islands	1991	4820.8

Note: The top five countries based on the number of tests per 100,000 population are: **Bermuda, (57833.8), Cayman Islands (51977.6), British Virgin Islands (6483.5), Barbados (5582.7) and Turks and Caicos Islands (4820.8)** 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 - 21 AUGUST 2020

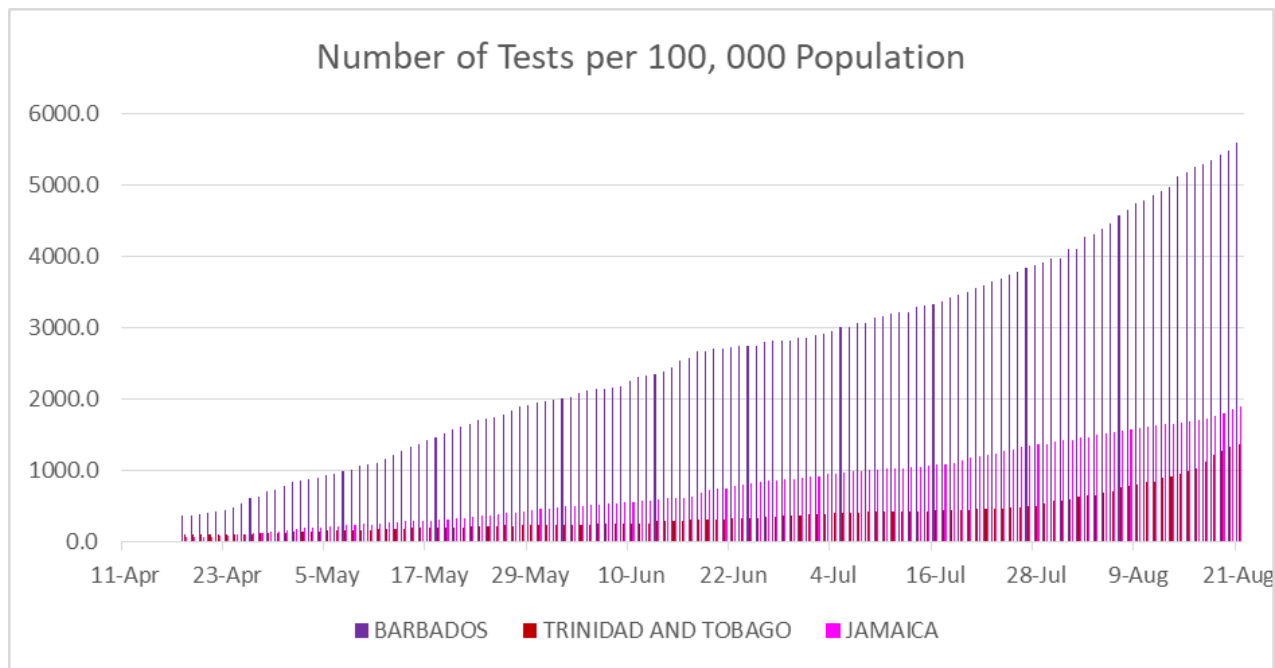
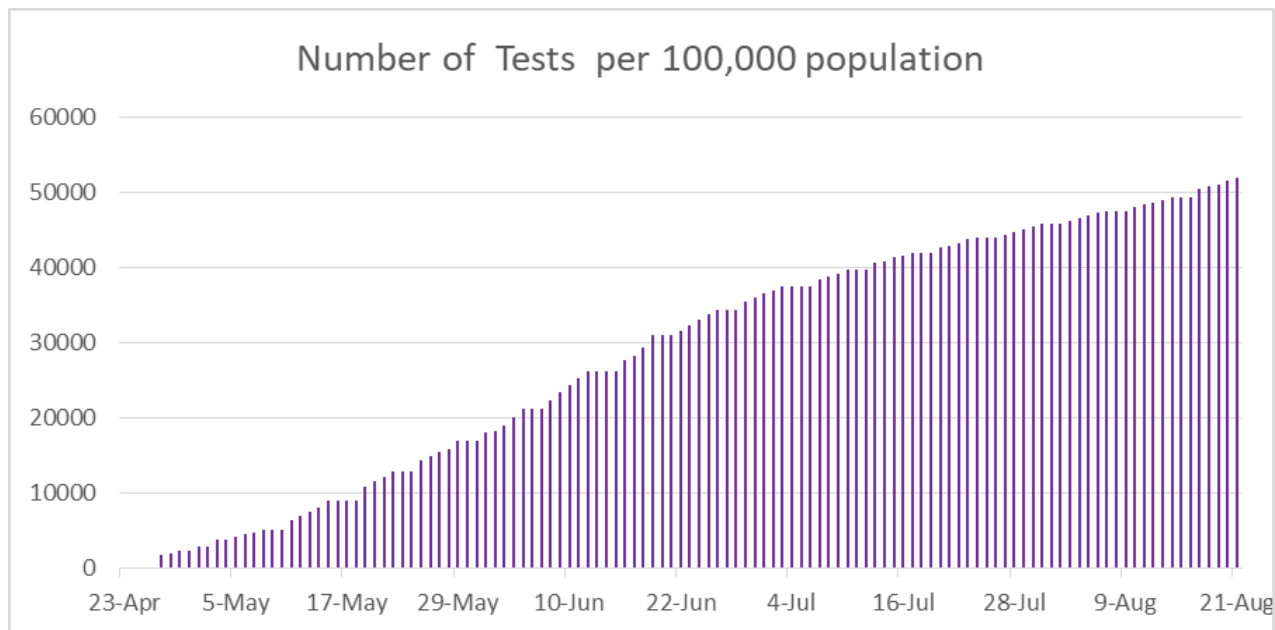


CHART 5A: NUMBER OF TESTS PER 100, 000 POPULATION— CAYMAN ISLANDS

27 APRIL— 21 AUGUST 2020



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CHART 5B: NUMBER OF RECOVERIES - BARBADOS

18 APRIL - 21 AUGUST 2020

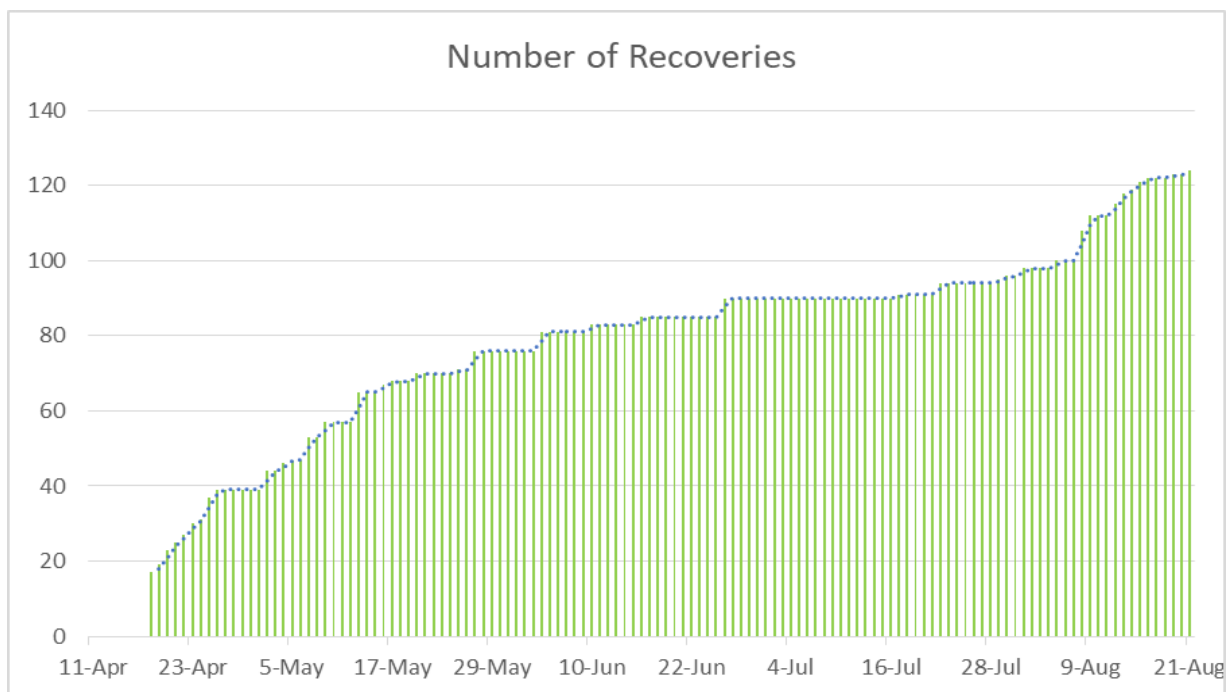
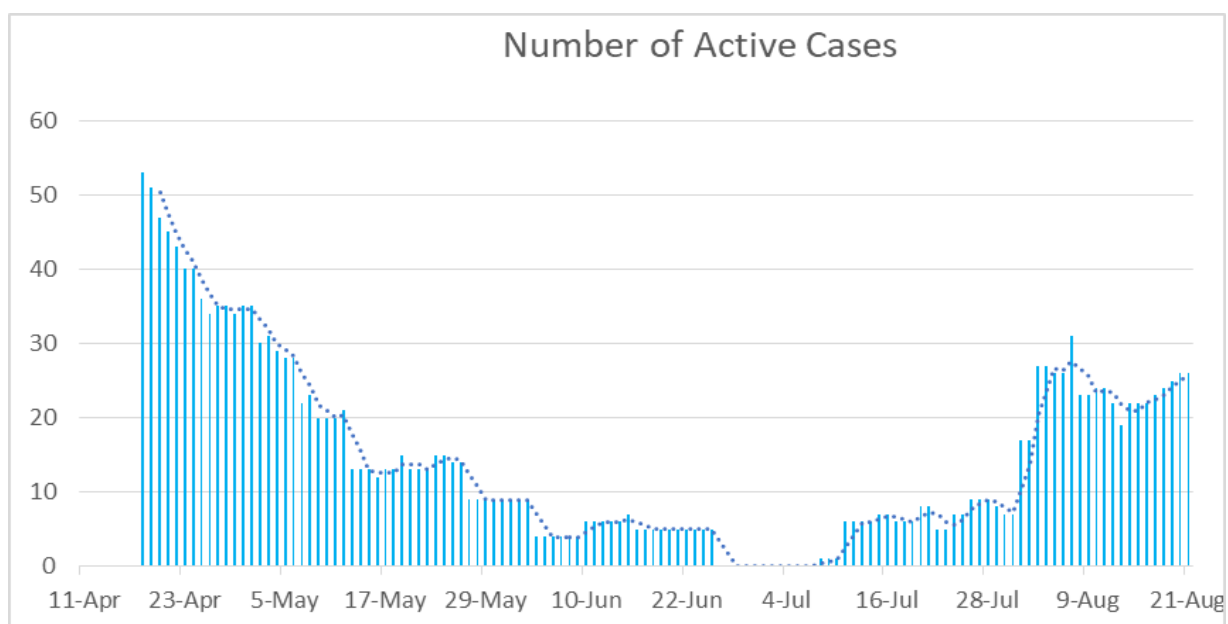


CHART 5C: NUMBER OF ACTIVE CASES - BARBADOS

18 APRIL - 21 AUGUST 2020



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CHART 5D: NUMBER OF TESTS CONDUCTED - BARBADOS

18 APRIL - 21 AUGUST 2020

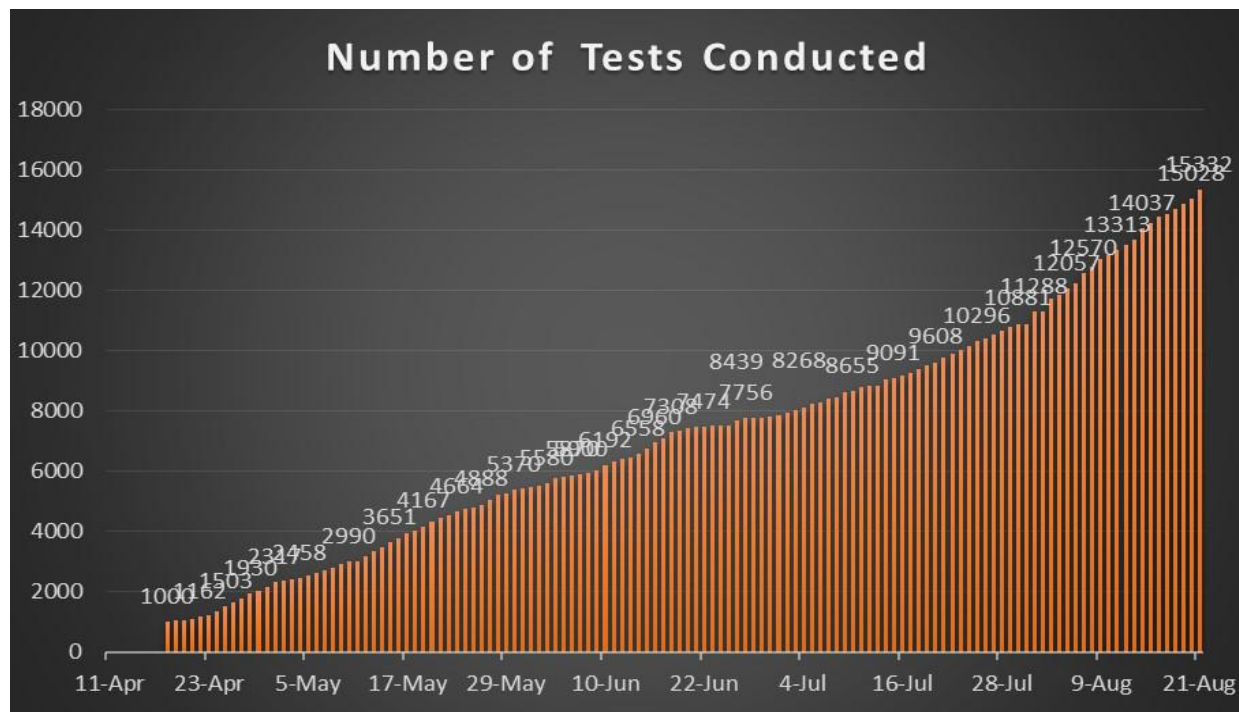


CHART 5E: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - BARBADOS

18 APRIL - 21 AUGUST 2020

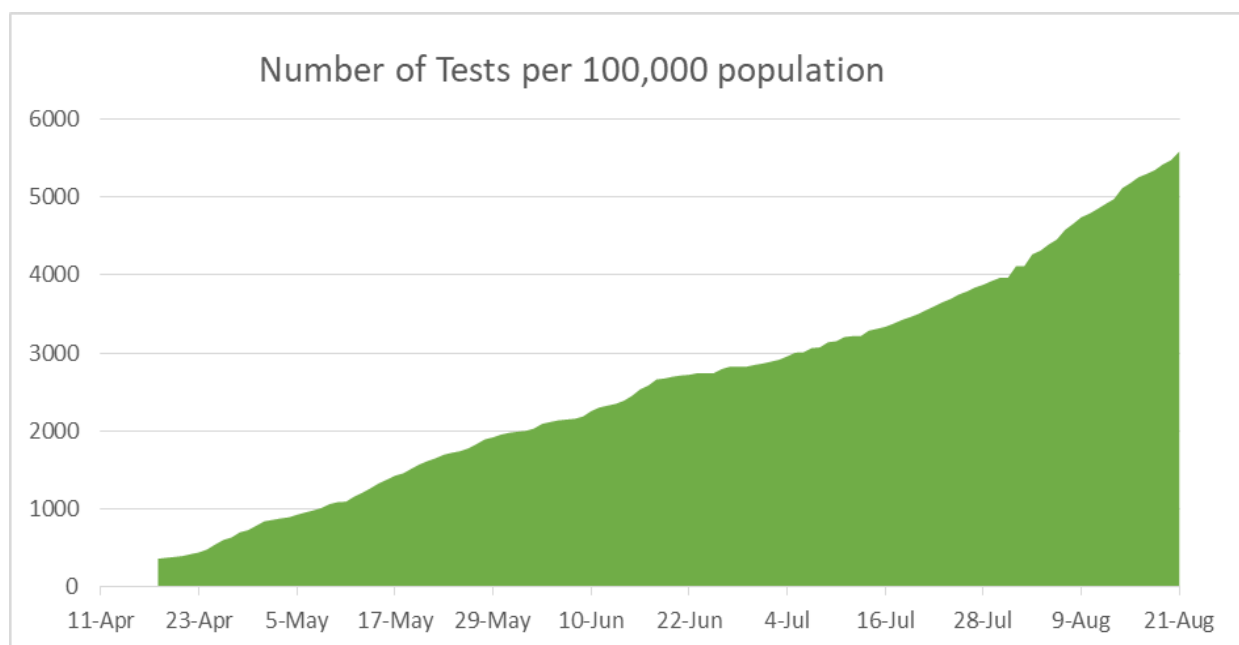


CHART 5F: NUMBER OF RECOVERIES - JAMAICA
18 APRIL– 21 AUGUST 2020

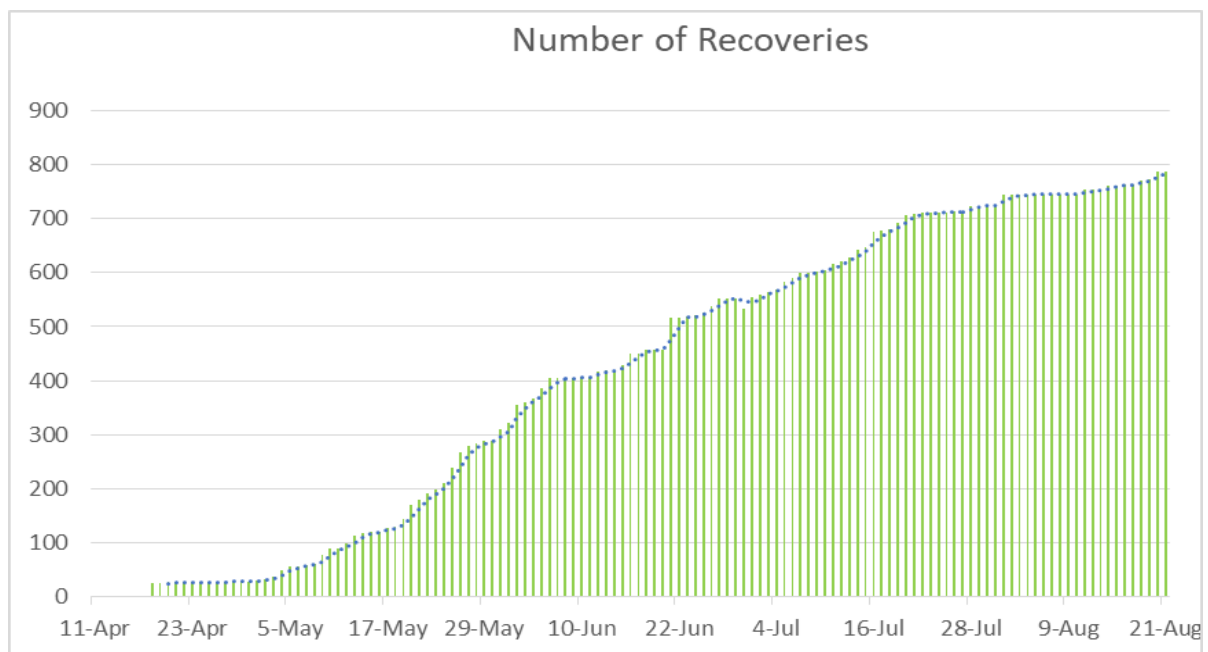
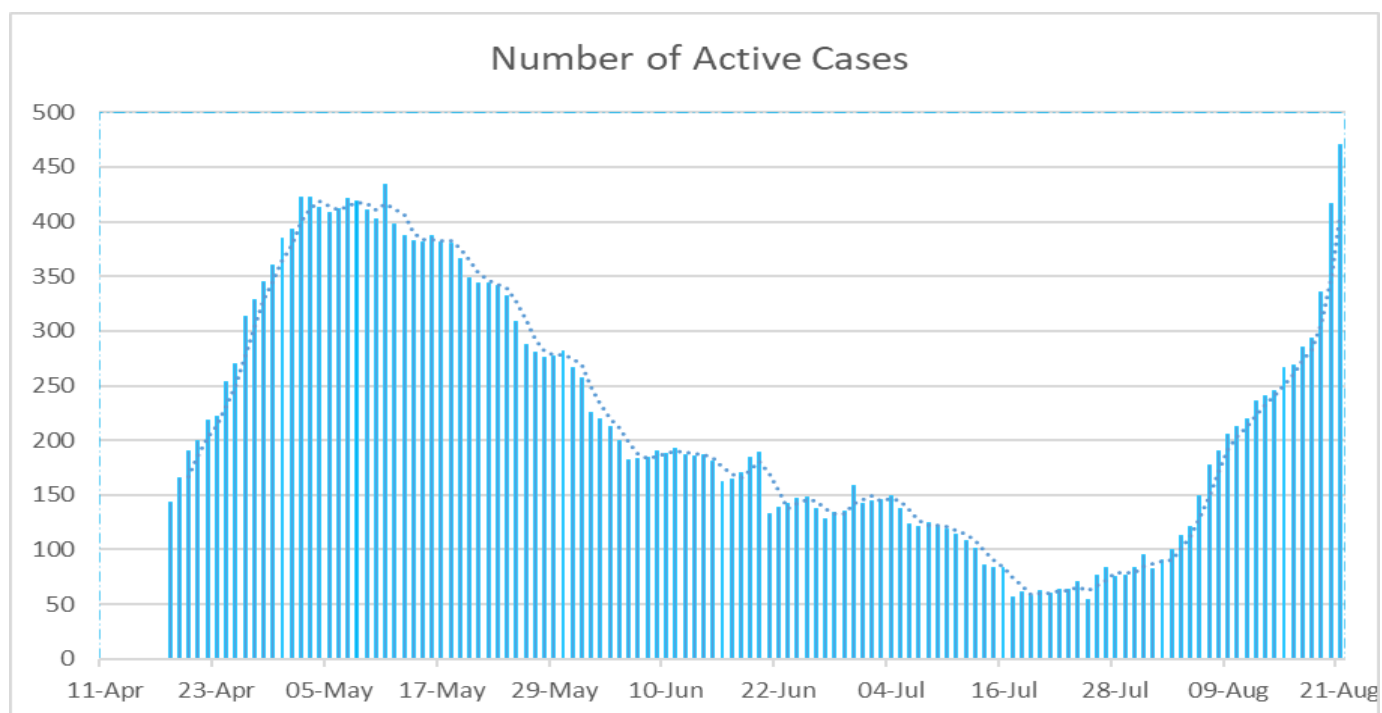


CHART 5G: NUMBER OF ACTIVE CASES - JAMAICA
18 APRIL - 21 AUGUST 2020



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CHART 5H: NUMBER OF TESTS CONDUCTED - JAMAICA
18 APRIL - 21 AUGUST 2020

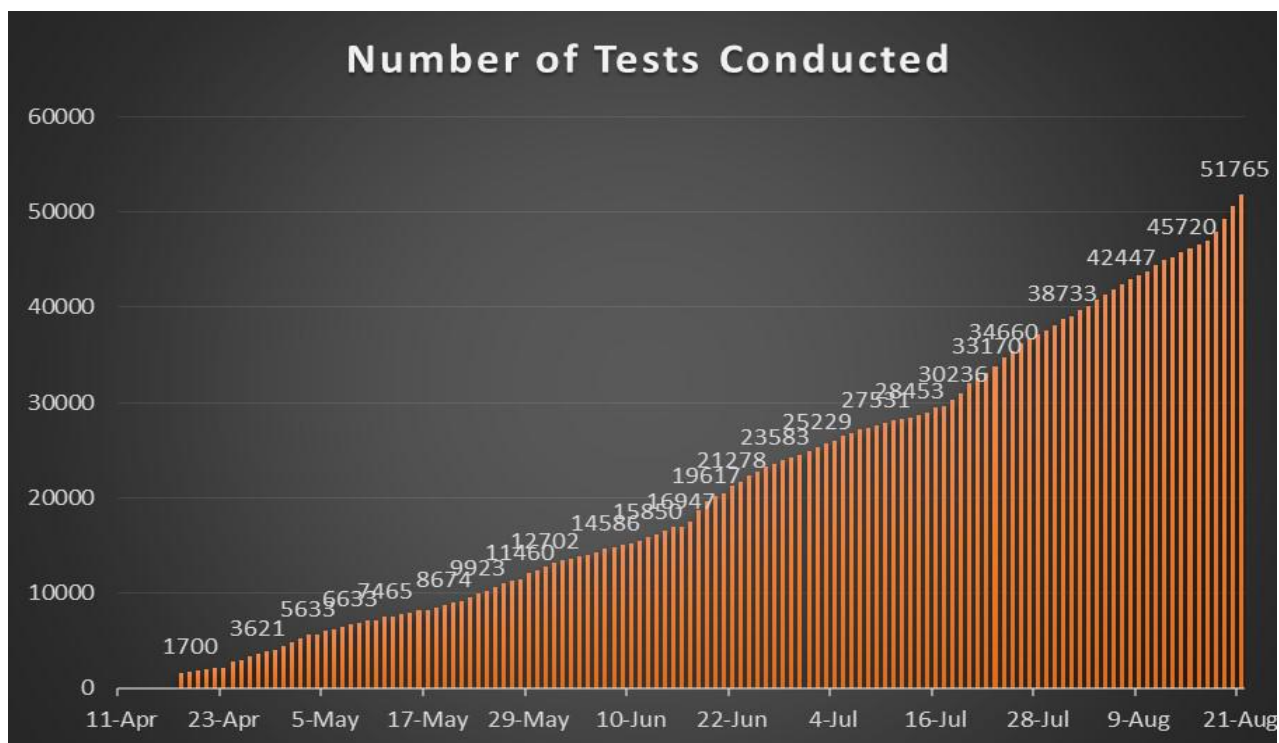
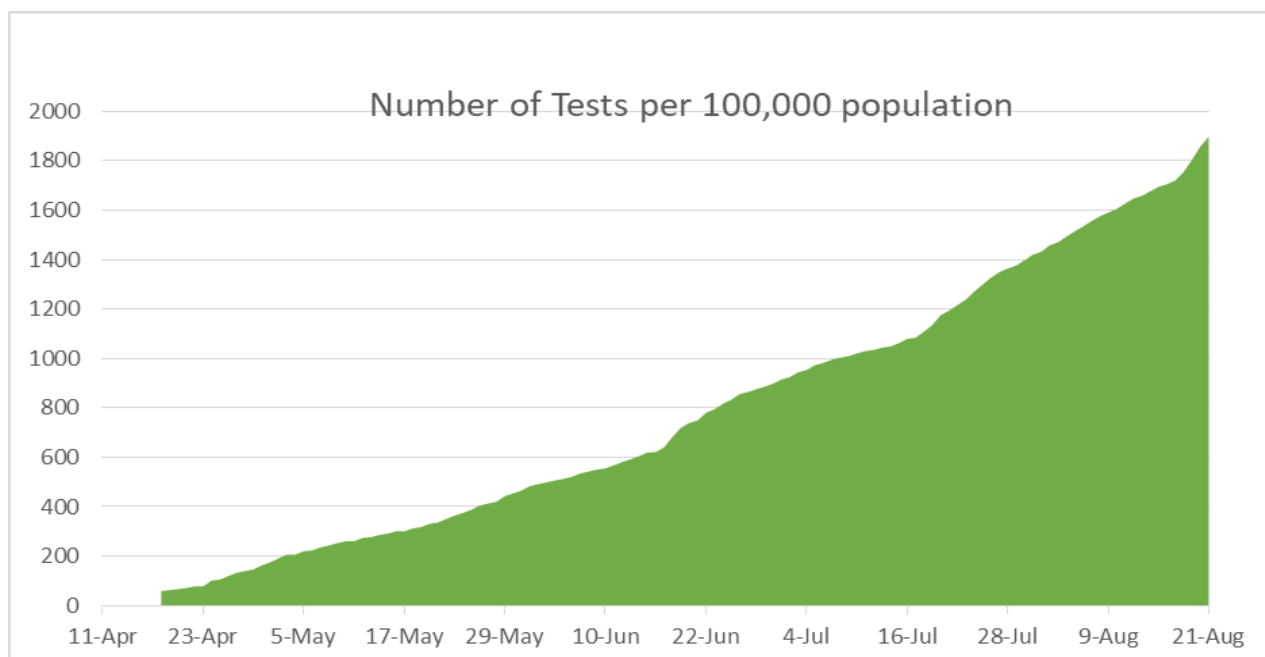


CHART 5I: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - JAMAICA
18 APRIL - 21 AUGUST 2020



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CHART 5J: NUMBER OF RECOVERIES - TRINIDAD AND TOBAGO
18 APRIL - 21 AUGUST 2020

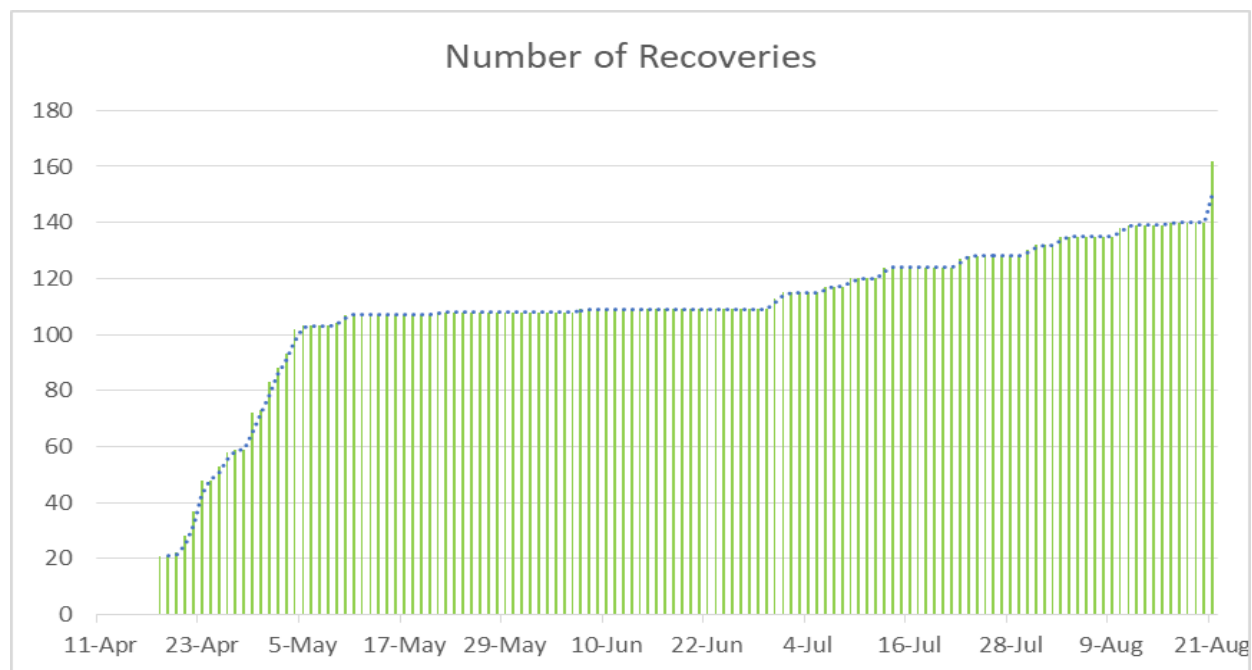
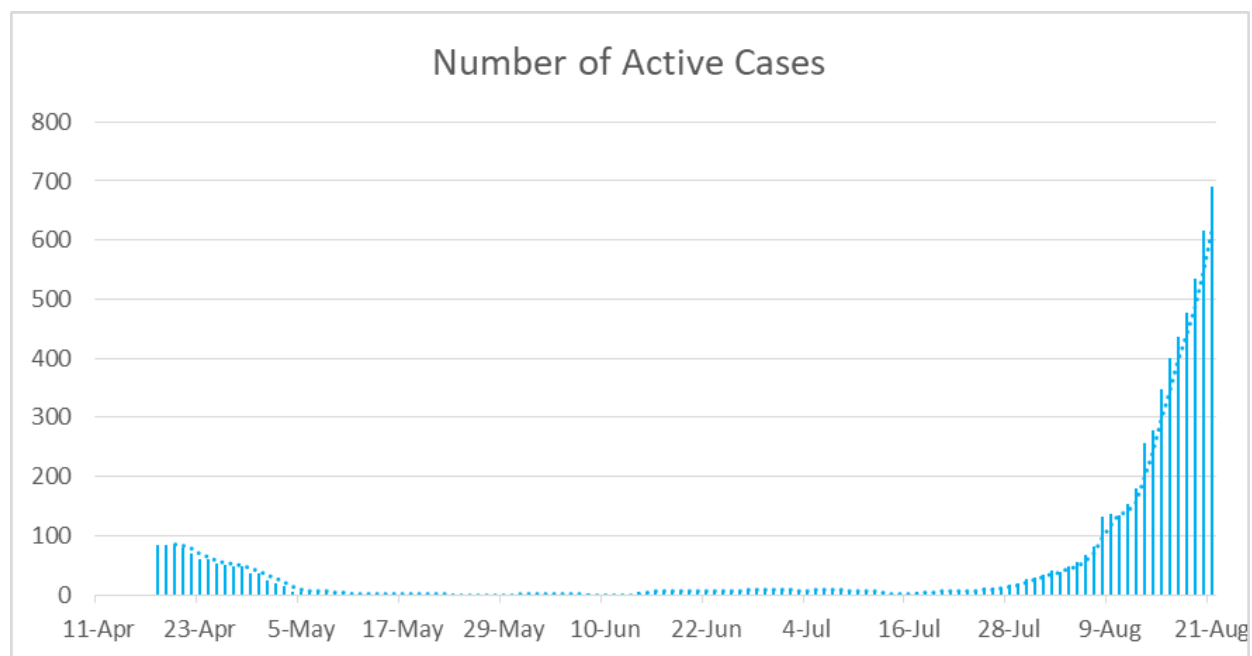
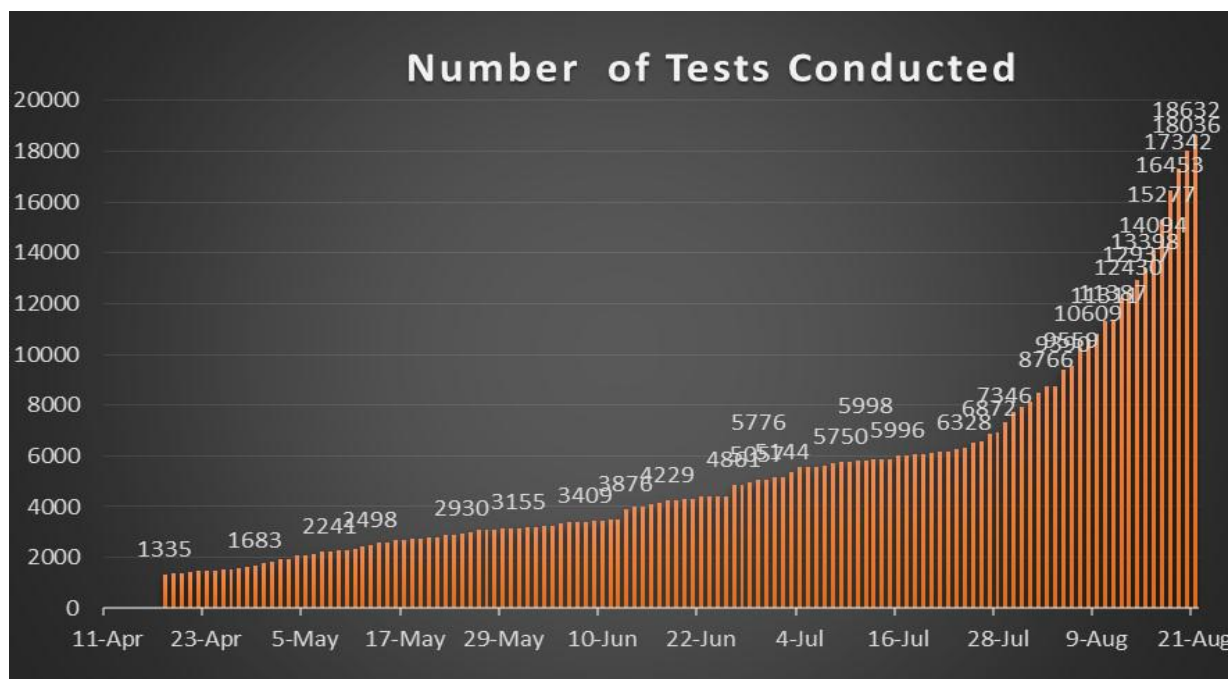


CHART 5K: NUMBER OF ACTIVE CASES- TRINIDAD AND TOBAGO
18 APRIL - 21 AUGUST 2020

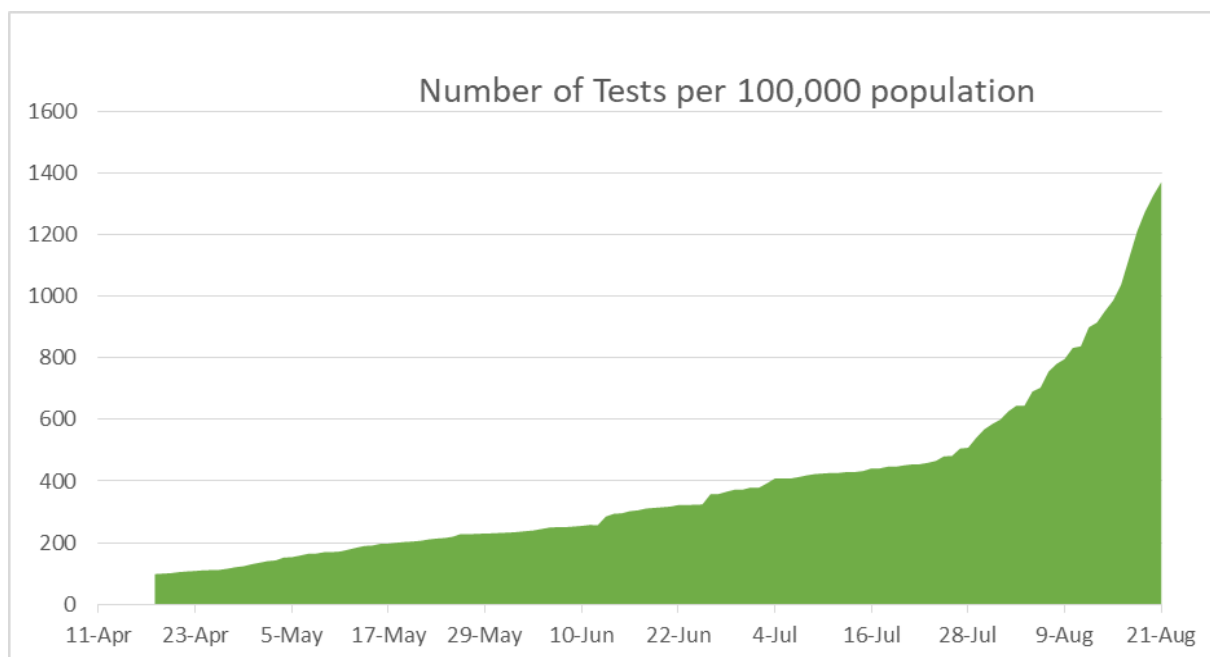


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**CHART 5L: NUMBER OF TESTS CONDUCTED - TRINIDAD AND TOBAGO
18 APRIL - 21 AUGUST 2020**



**CHART 5M: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - TRINIDAD
AND TOBAGO
18 APRIL - 21 AUGUST 2020**



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CHART 5N: NUMBER OF RECOVERIES - BERMUDA
18 APRIL - 21 AUGUST 2020

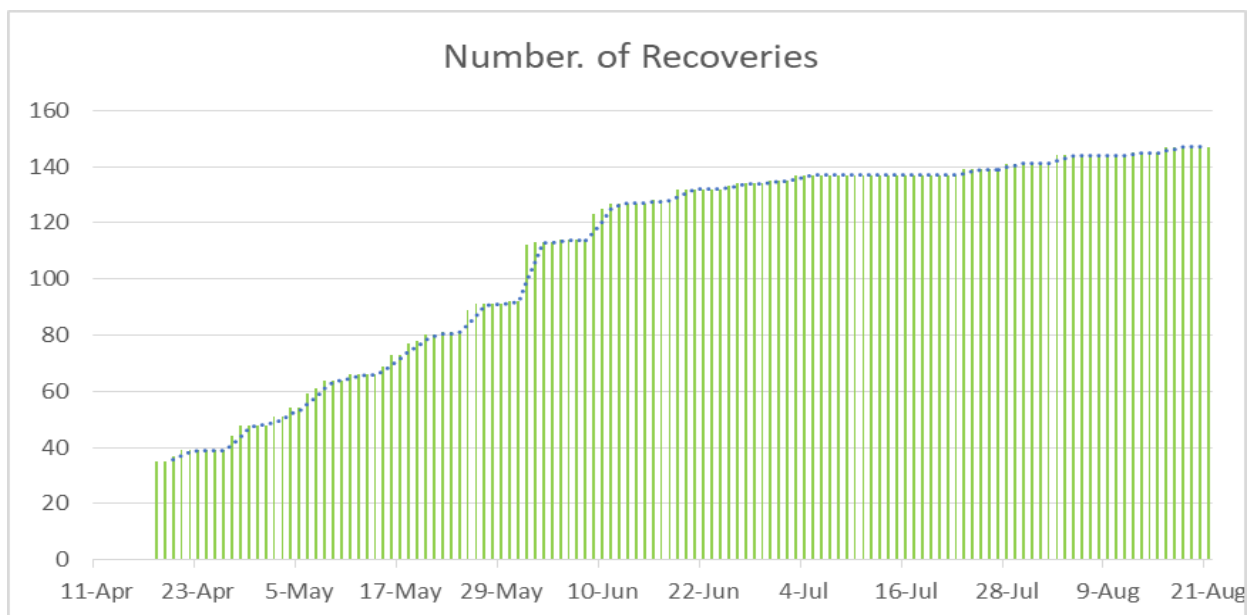
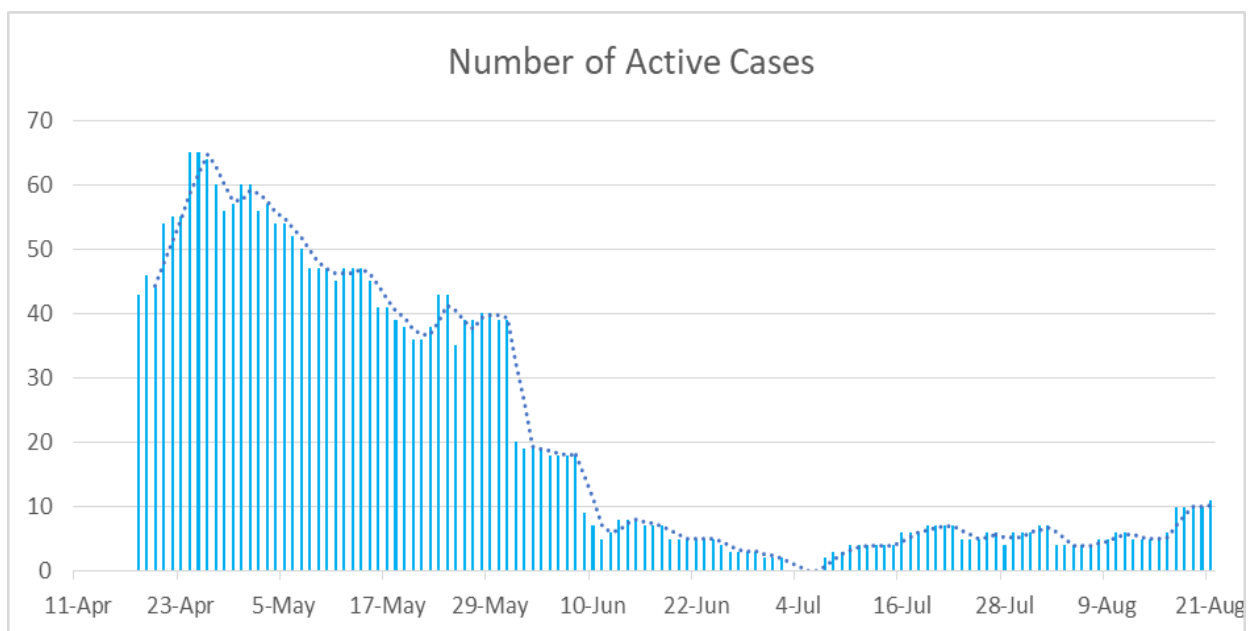


CHART 5O: NUMBER OF ACTIVE CASES - BERMUDA
18 APRIL - 21 AUGUST 2020



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CHART 5P: NUMBER OF TESTS CONDUCTED - BERMUDA
18 APRIL - 21 AUGUST 2020

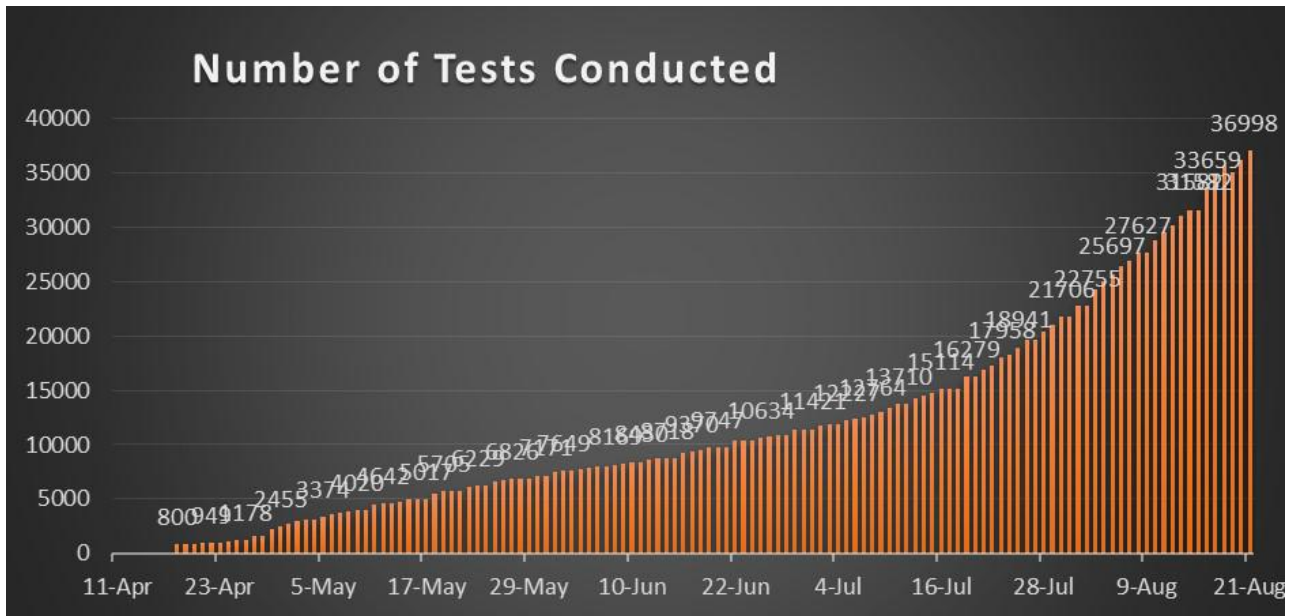
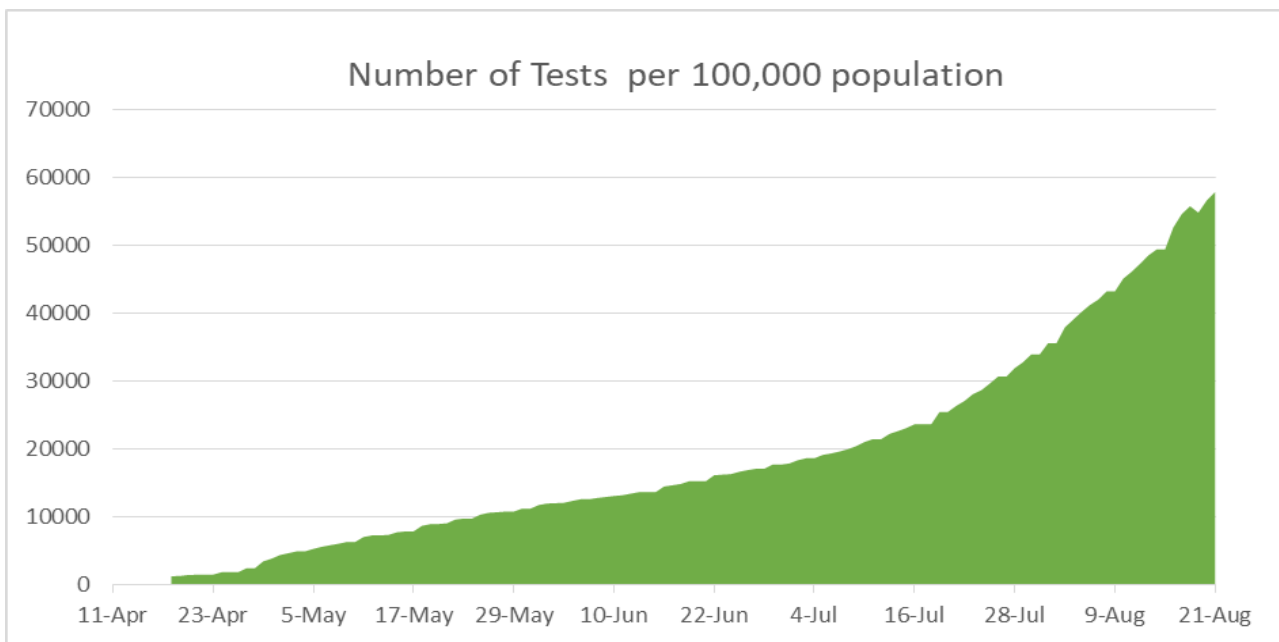






CHART 5Q: NUMBER OF TESTS CONDUCTED PER 100,000 POPULATION - BERMUDA
18 APRIL - 21 AUGUST 2020



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TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 21 AUGUST 2020

Country	Imported Transmission 	Local Transmission  Local	Community/Unknown 	Under Investigation 
Trinidad and Tobago ^e	114	185	1	194
Guyana ^e	4	877	0	0
Bermuda	61	85	19	2
Jamaica	433	671	125	117
St. Vincent and the Grenadines	51	7	-	-
Belize ^e	47	357	2	46
Antigua and Barbuda	69	25		
Haiti ^e	152	7864		

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. 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. The differences between the figures in the Table and the total confirmed cases for the respective countries represent unclassified or not stated cases relative to modes of transmission.

TABLE 7: CONFIRMED CASES BY SEX - SELECTED COUNTRIES AS AT 21 AUGUST 2020



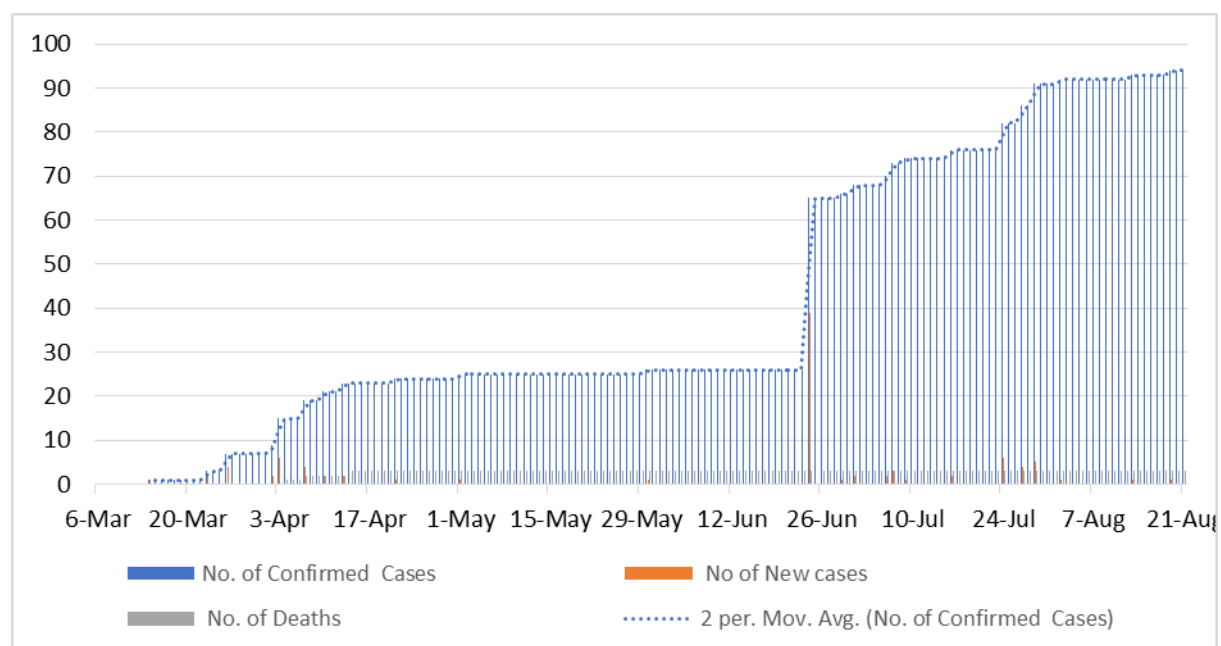
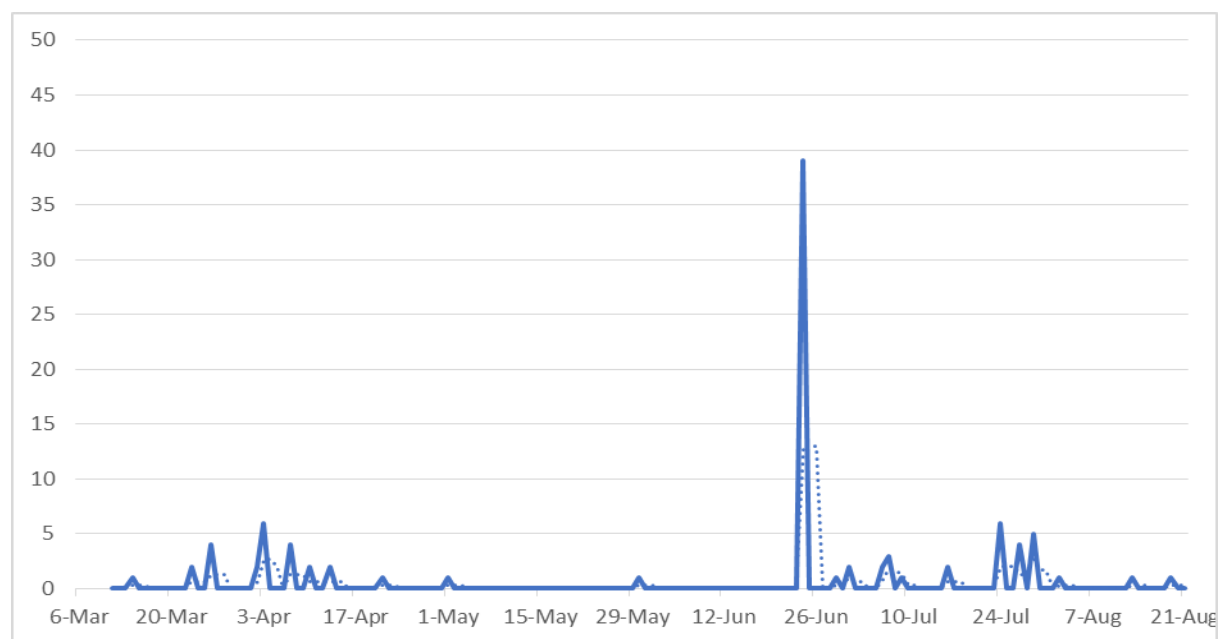
Country			Not Stated
Haiti	4681	3335	
Jamaica	617	729	
Guyana	432	449	
Belize	275	373	
Trinidad and Tobago ^e	423	441	
Cayman Islands	107	98	
Barbados	75	82	
Bermuda ^e	73	94	

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

Note: Antigua and Barbuda had **1 new case** during the current reporting period **15-21 August** similar to the last two reporting periods, **8-14 August** and **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 **94** as at **121 August**, with **3 active cases**.

CHART 7: THE BAHAMAS

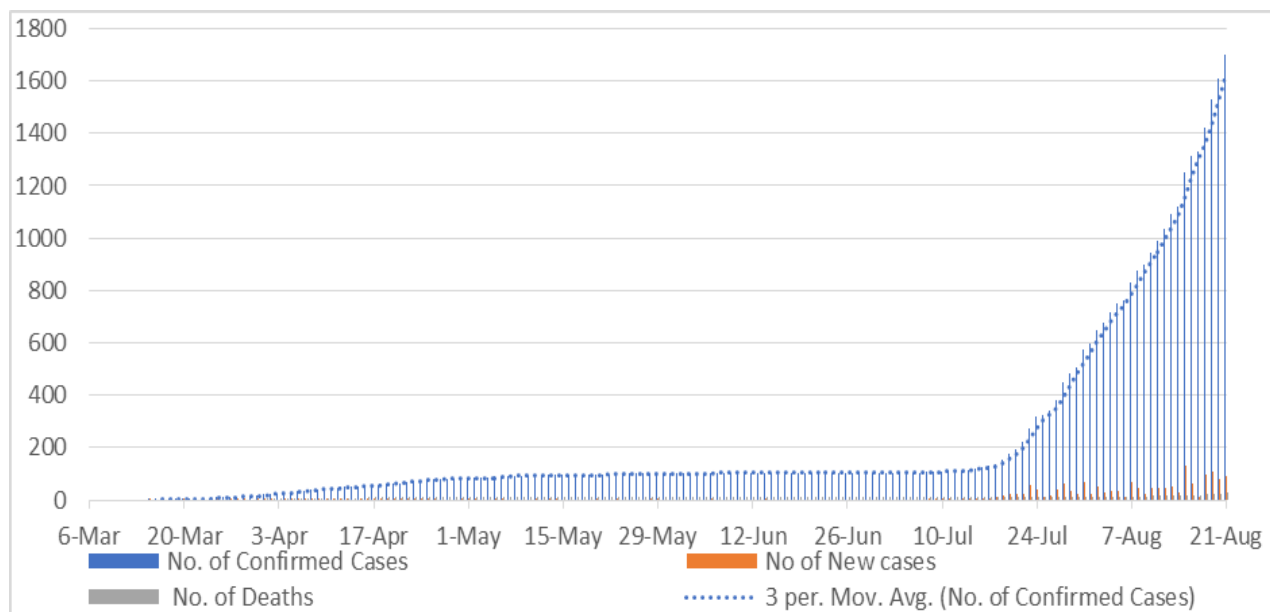
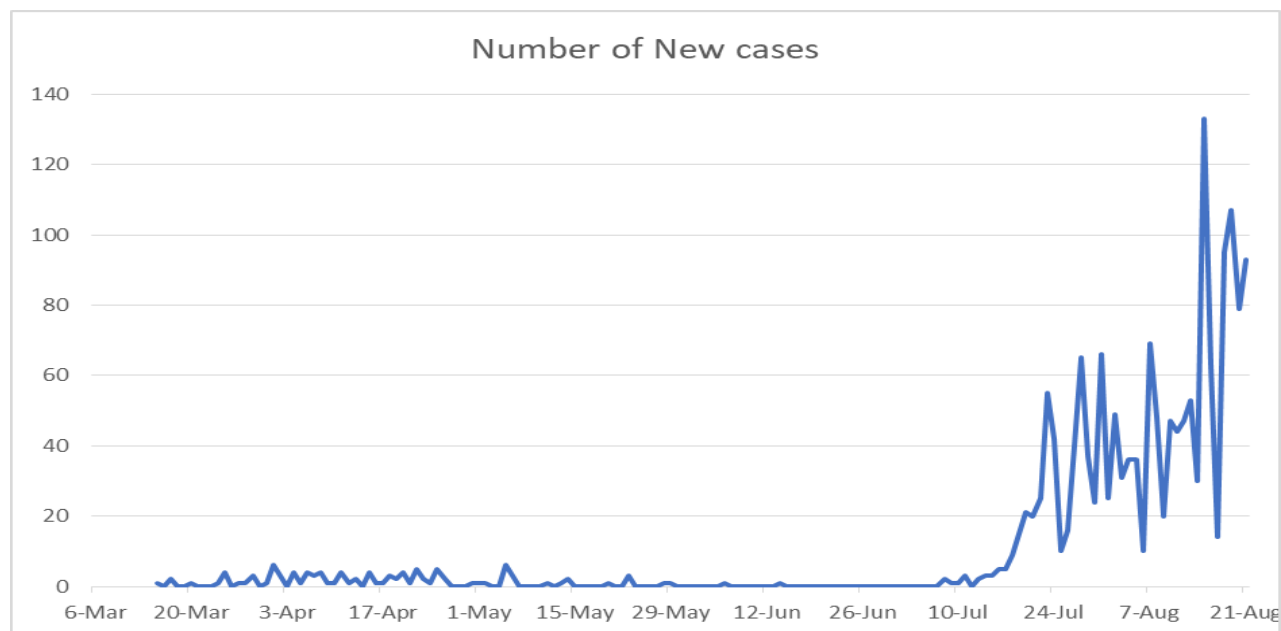
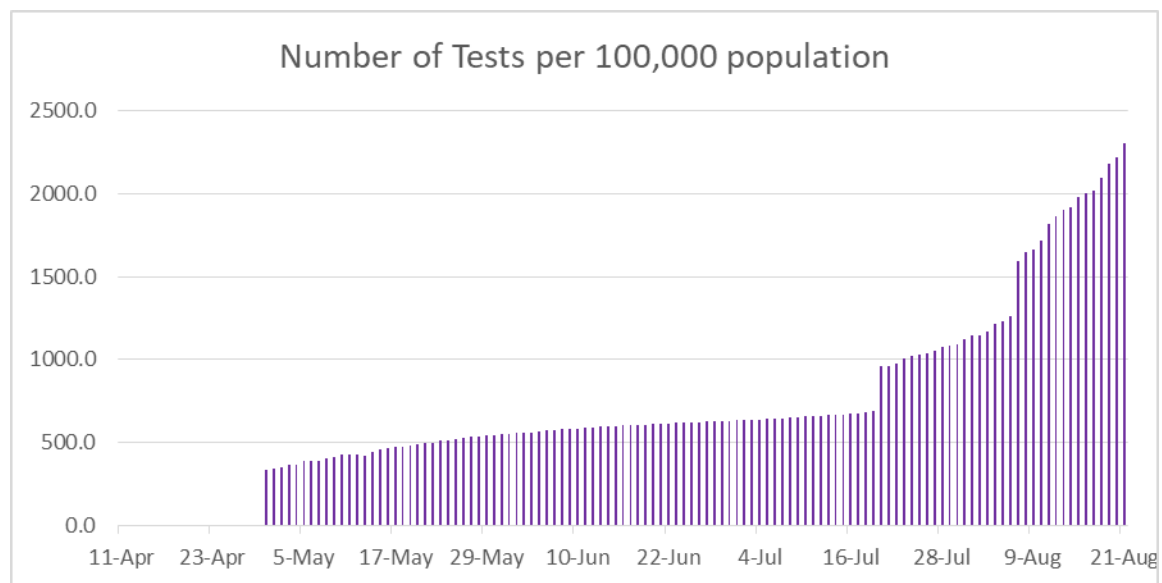


CHART 7A: THE BAHAMAS



Note: The Bahamas had **584 new cases** for the current reporting period **15-21 August** as compared to **289 new cases** during **8-14 August**, **256 new cases** during **1-7 August** and **258** for the period, **25-31 July**. The number of new cases was again the second highest in CARICOM. The number of confirmed cases increased to **1703** as at **21 August**, with **active cases** increasing to **1450** (from **961**-last reporting period) and **deaths to 27** (from **17** last reporting period). There were also 5 deaths of COVID-19 patients that were determined to be from other causes and therefore not included in the 27 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

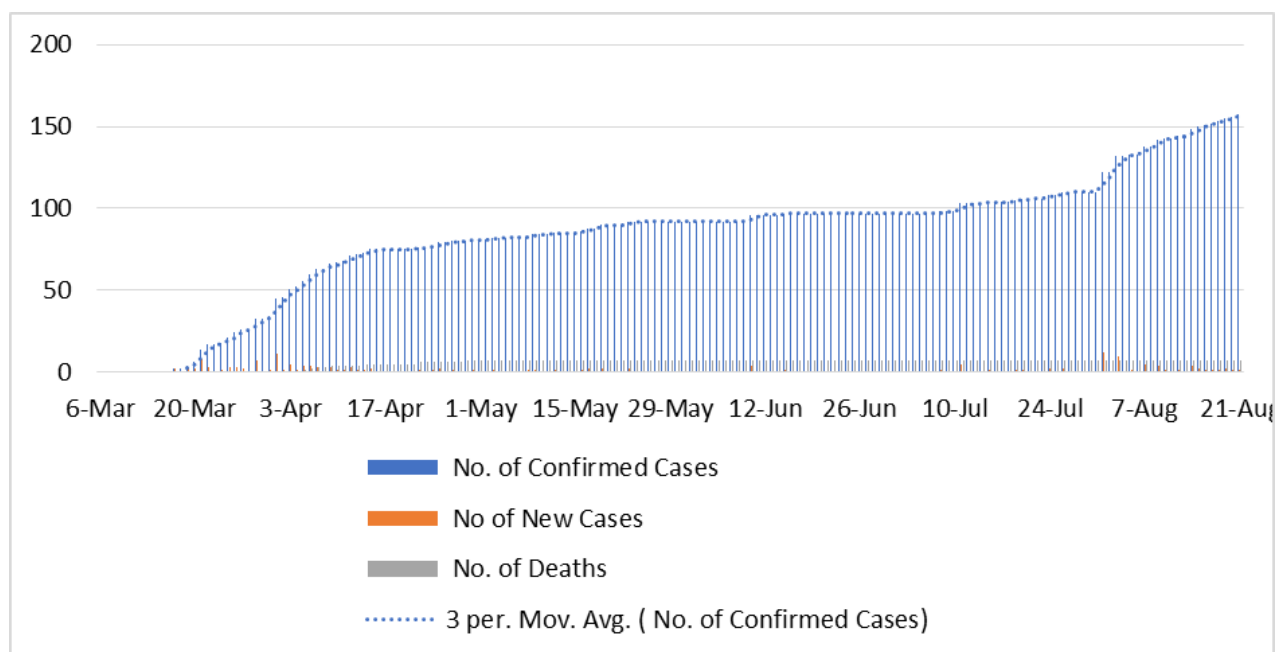
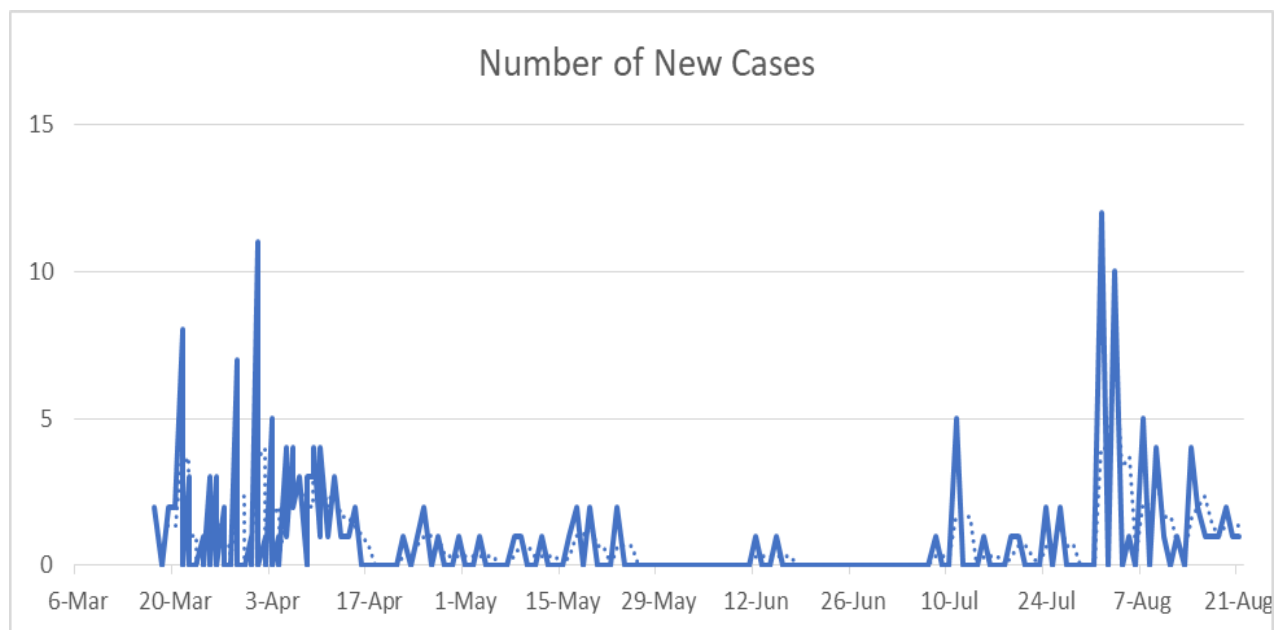


CHART 8A: BARBADOS



Note: Barbados had **9 new cases** during the current reporting period, **15-21 August** as compared to **10 new cases** during **8-14 August**, **28 new cases** during **1-7 August** and **2 new cases** during **24-31 July**. The number of confirmed cases stood at **157** as at **21 August** with **26 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

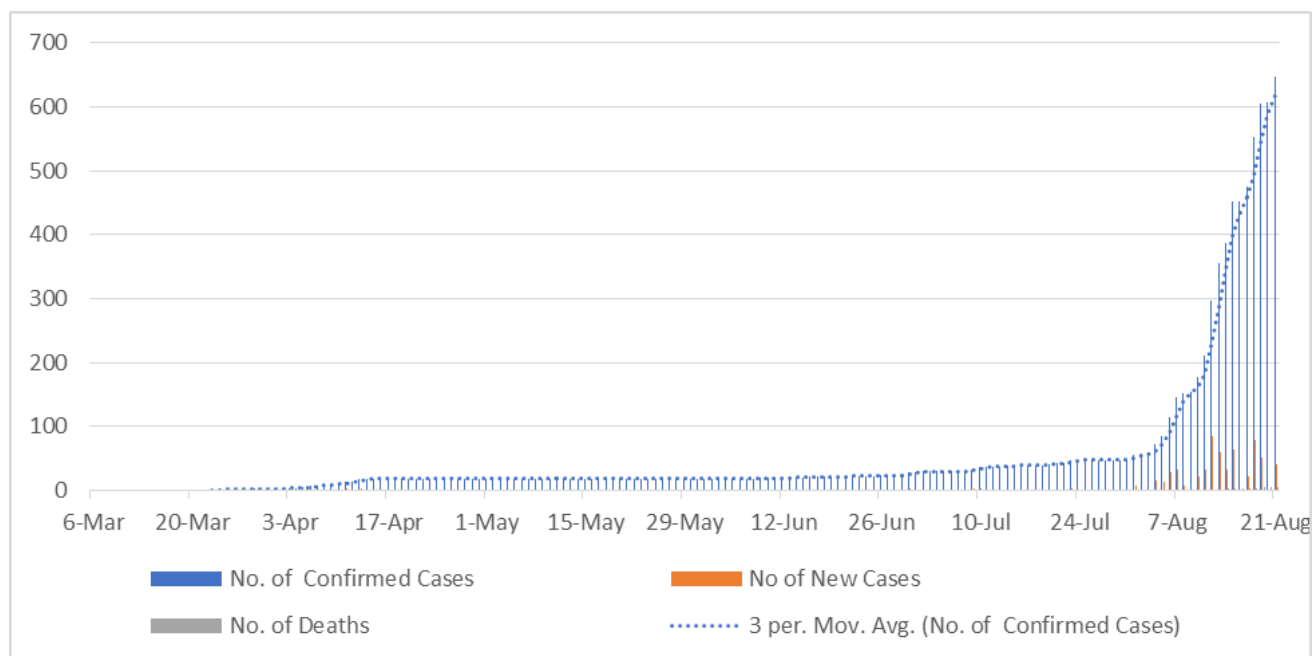
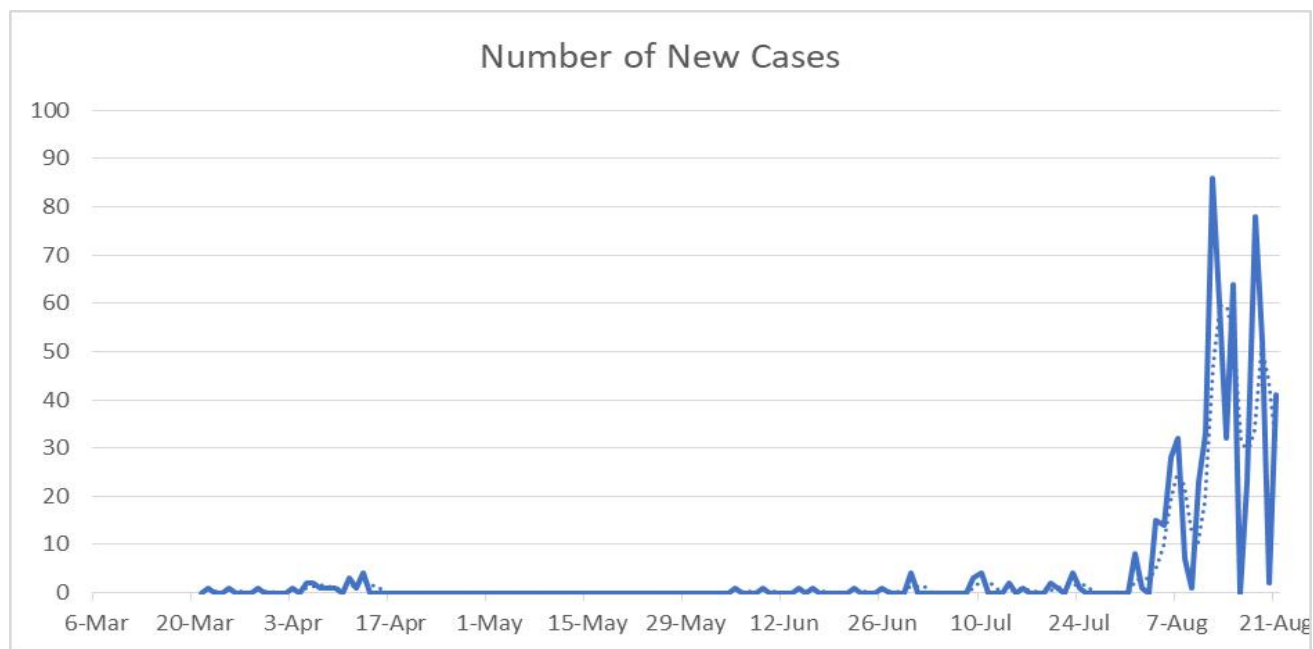


CHART 9A: BELIZE



Note: Belize had **260 new cases** during the current reporting period **15-21 August** as compared to **242 new cases** during **8-14 August**, and **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 **648** with **600 active cases** and **5 deaths**. The increase in the number of new cases is evident in **Chart 9A**.

CHART 10: DOMINICA

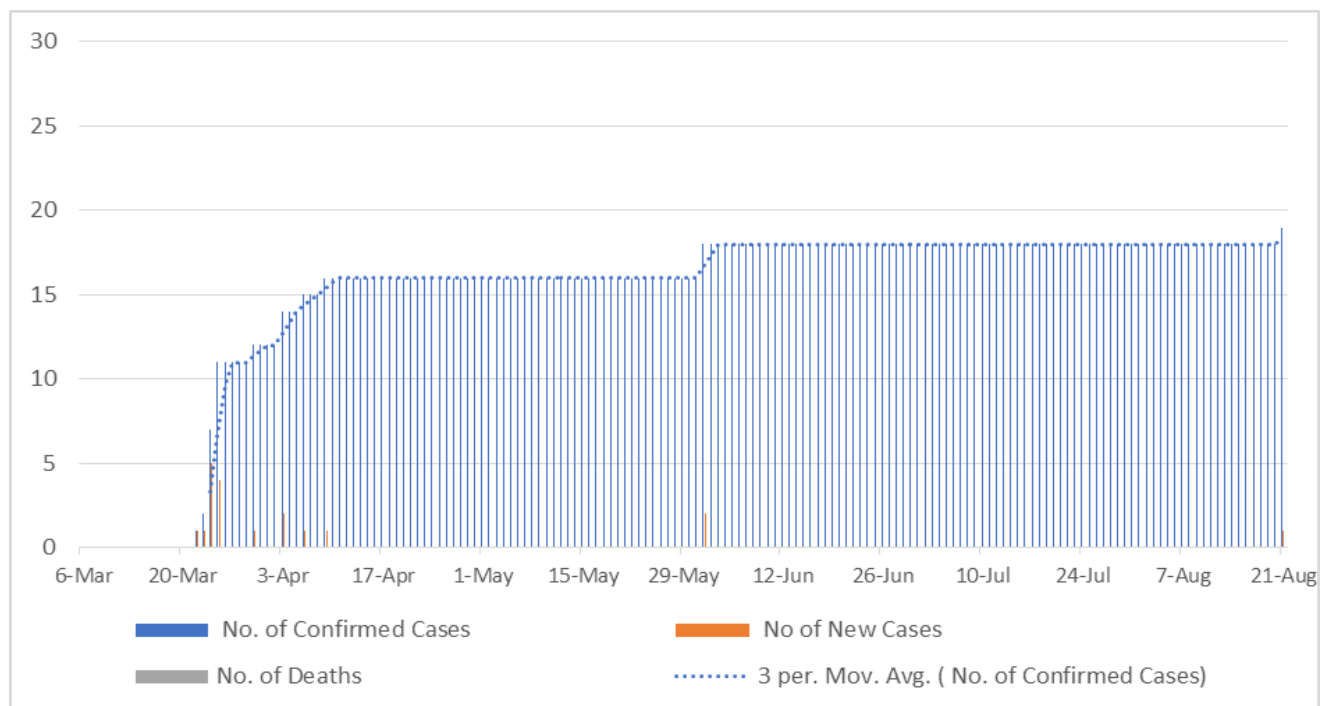
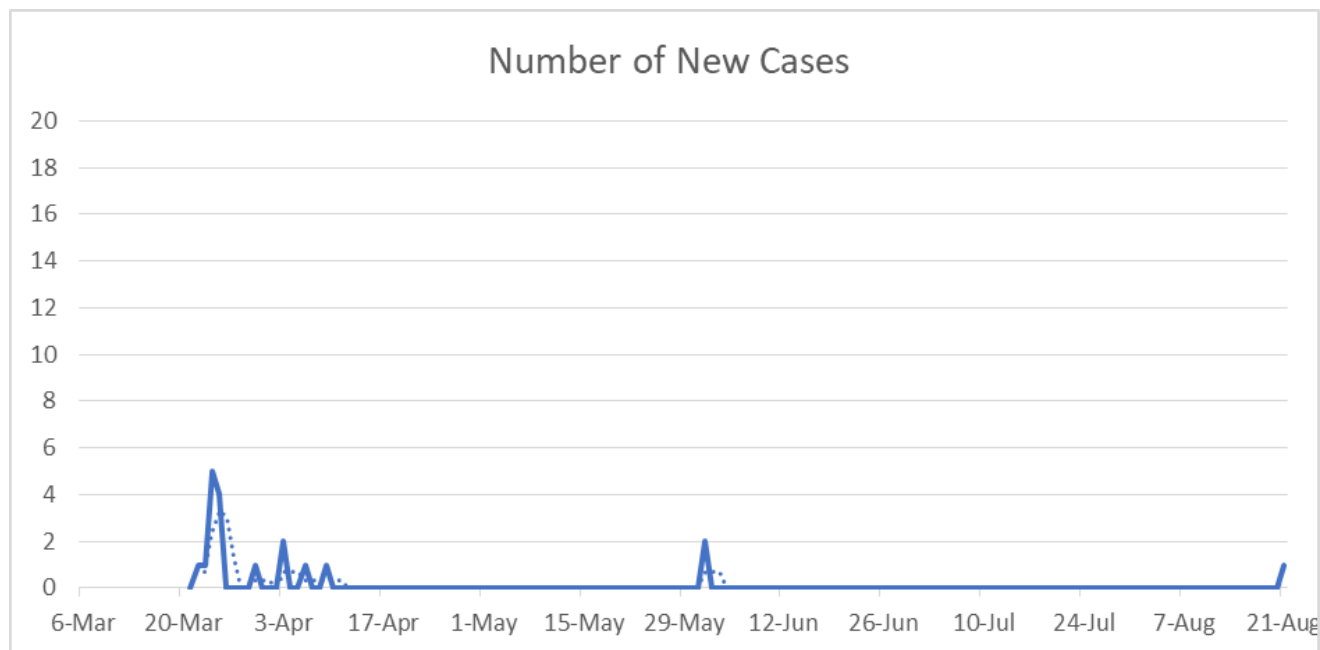


CHART 10A: DOMINICA



Note: Dominica had **1 new case** during the current reporting period **15-21 August** after a period of **80 days with no new cases**. The number of cases stood at **19** as at **21 August**.

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CHART 11: GRENADA

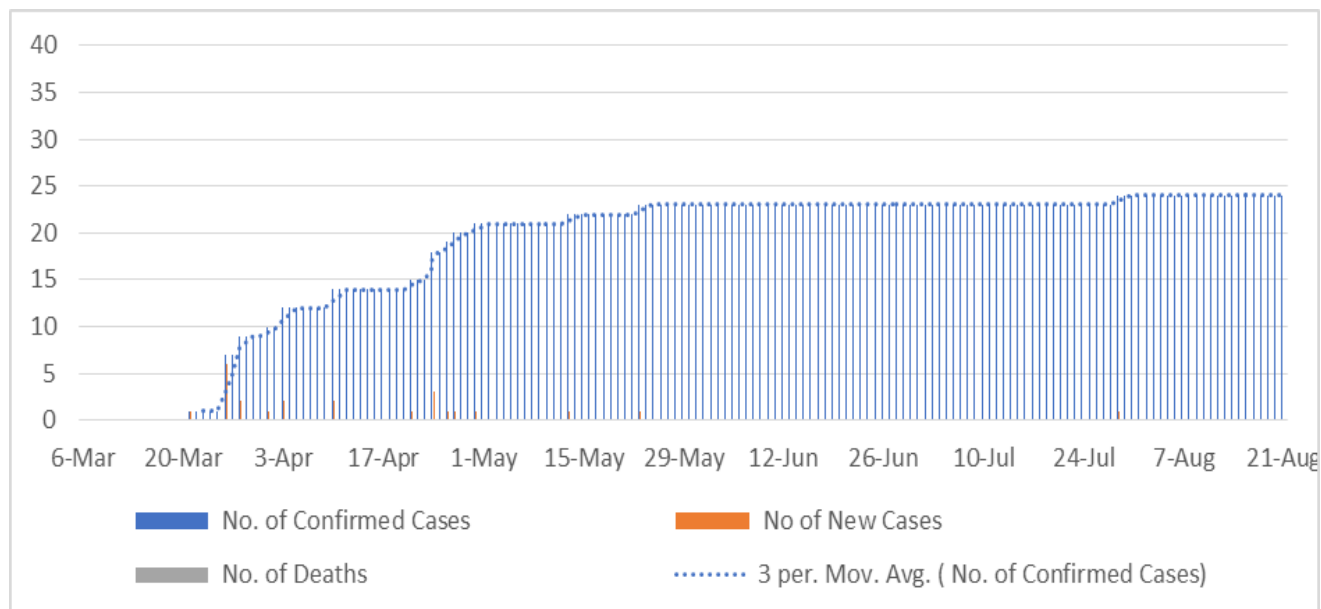
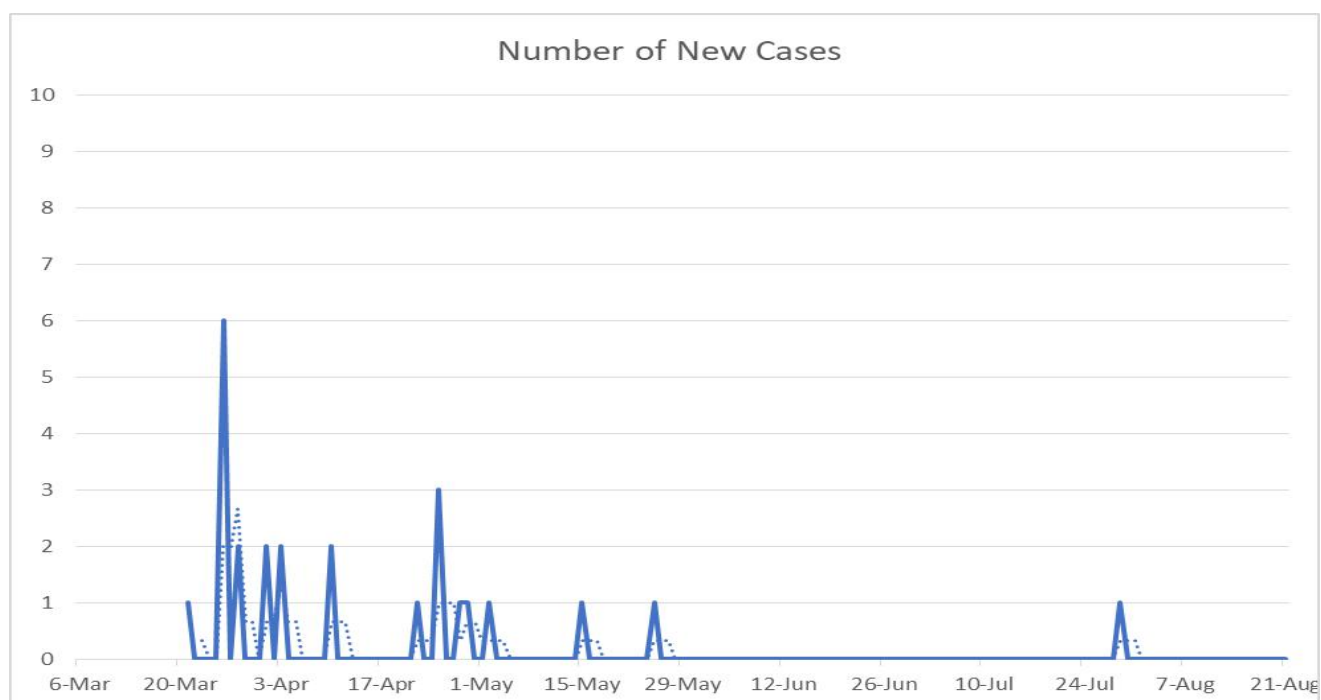


CHART 11A: GRENADA



Note: Grenada had **no new cases** during the current reporting period **15-21 August**, similar to the last two reporting periods. 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 **no active cases**.

CHART 12: GUYANA

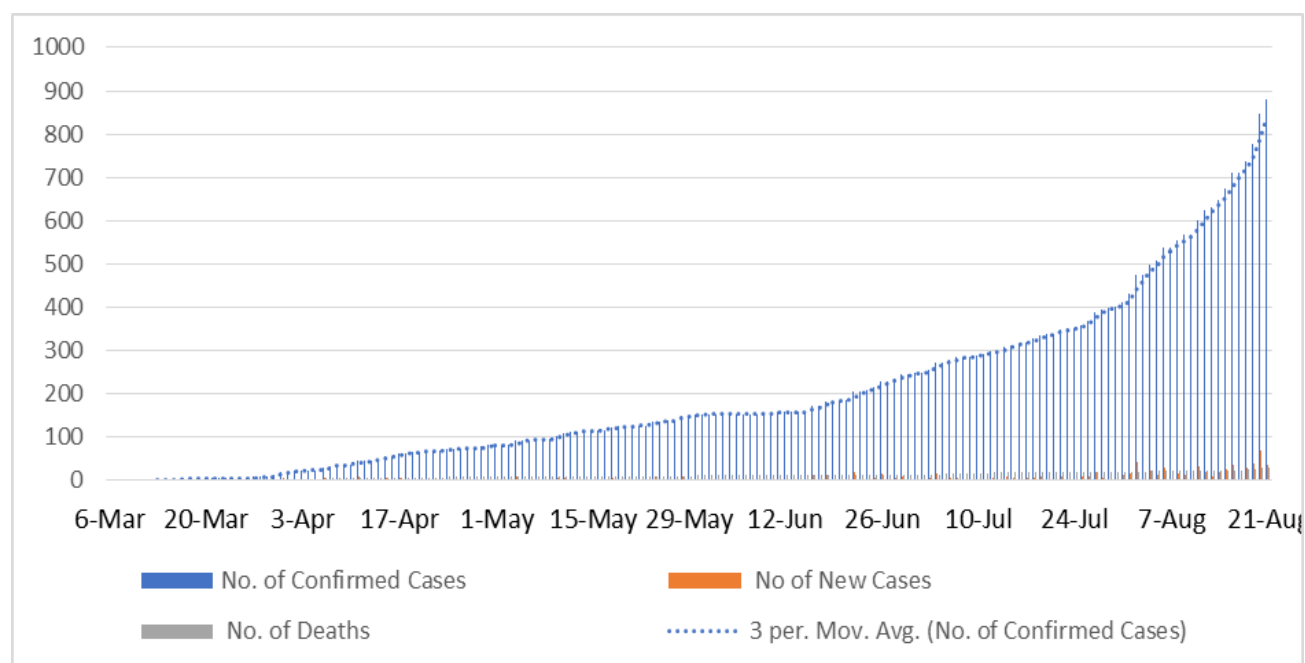
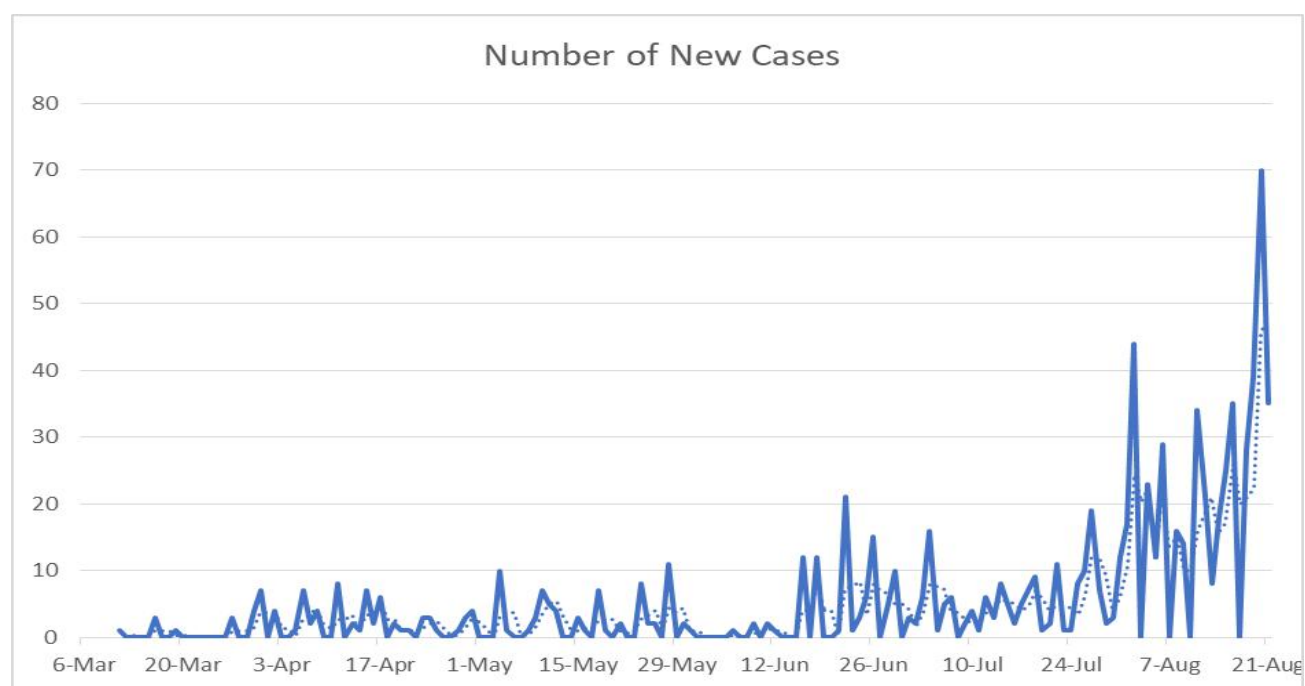
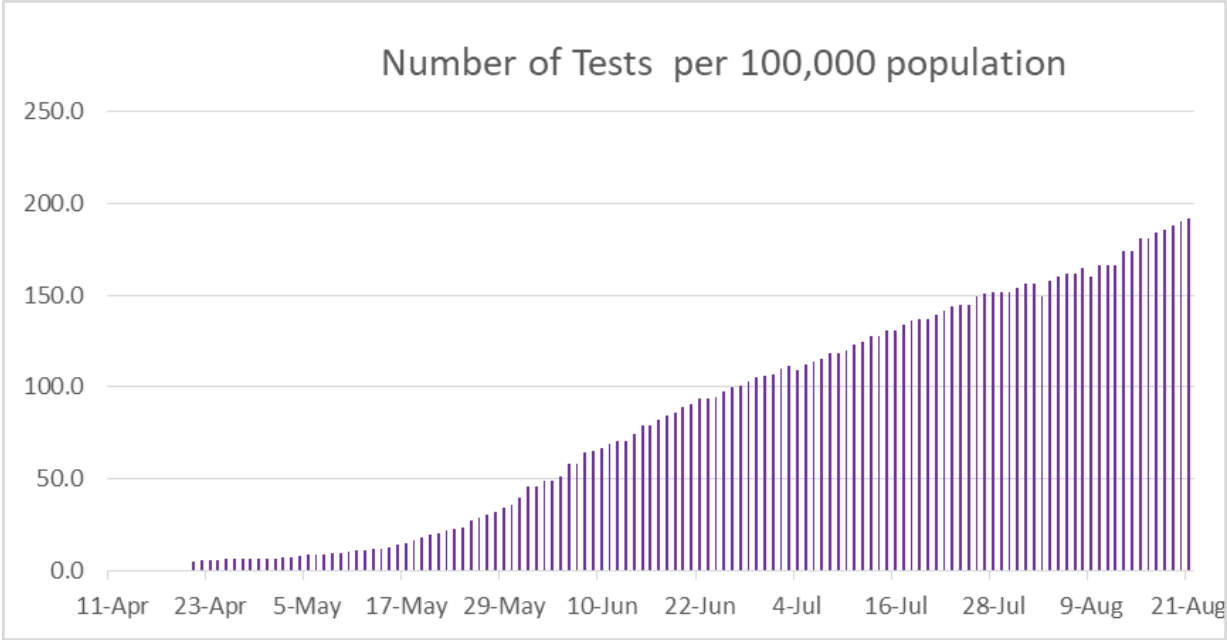


CHART 12A: GUYANA



Note: In Guyana, there were **232 new cases** during the current reporting period **15-18 August** as compared to **111 new cases** during the period **8-14 August**, **125 new cases** during **1-7 August** and **61 new cases** during **25-31 July**. The number of confirmed cases for Guyana increased to **881** with **417 active cases** and **31 deaths**. The increase in the number of new cases is evident in Chart 12A.

CHART 12B: GUYANA



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CHART 13: HAITI

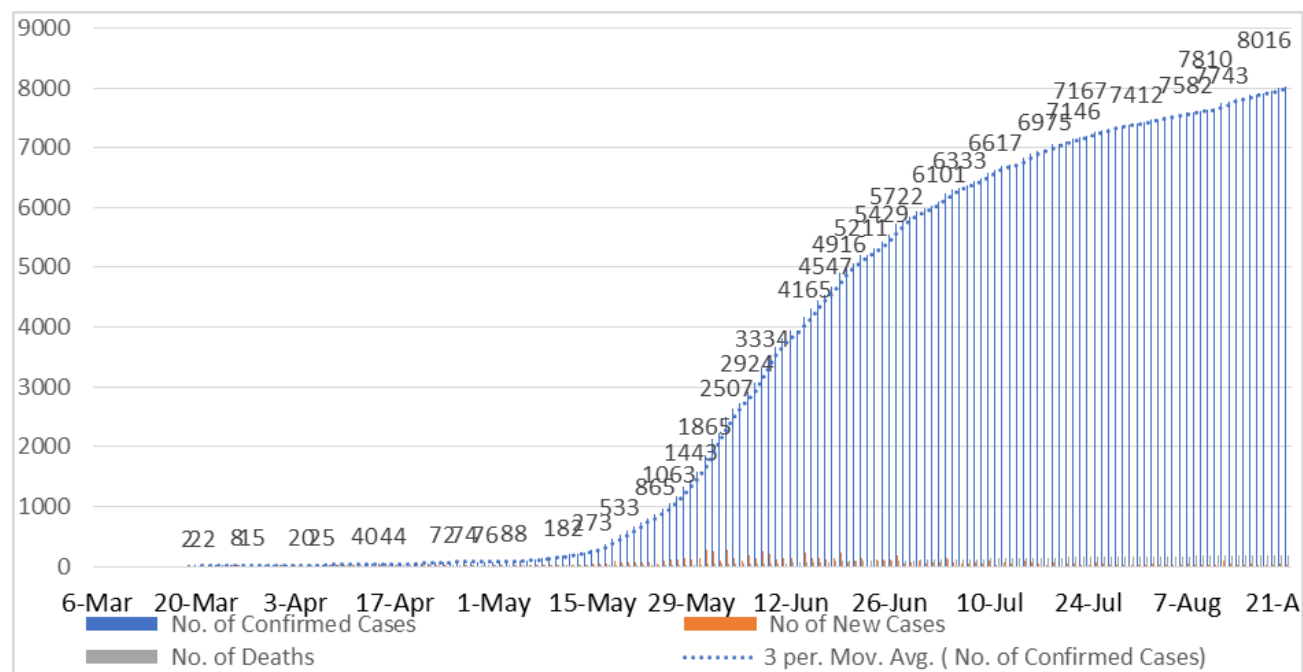
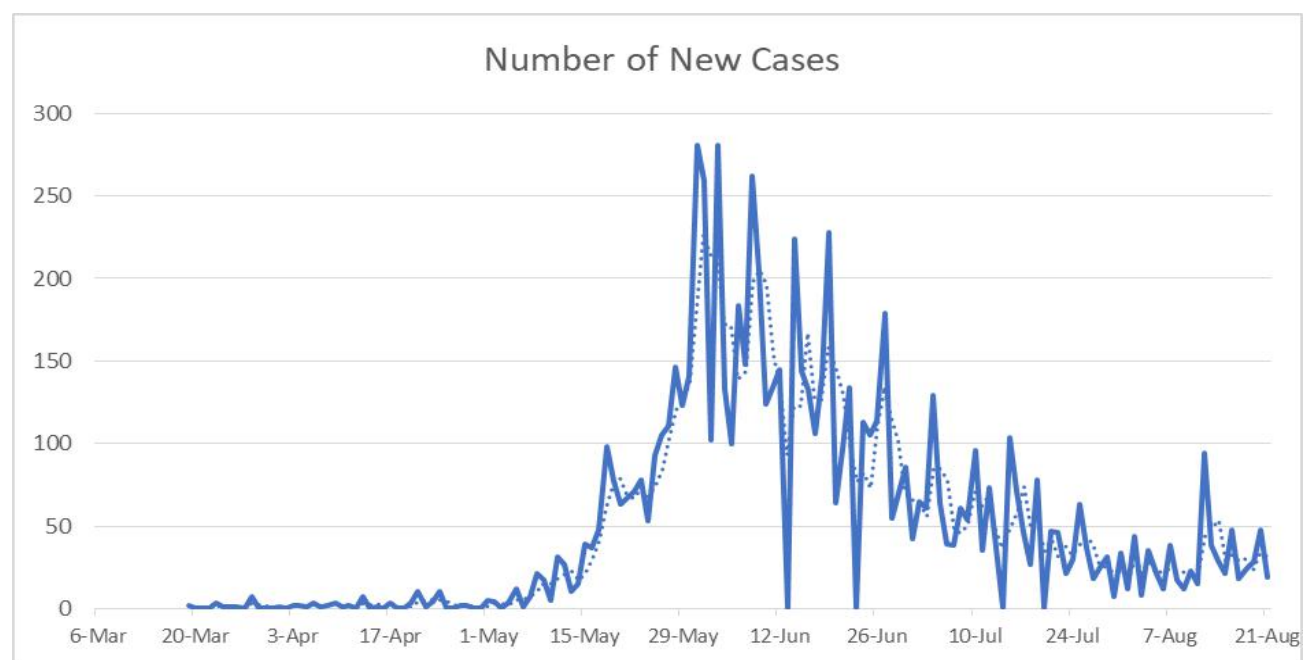
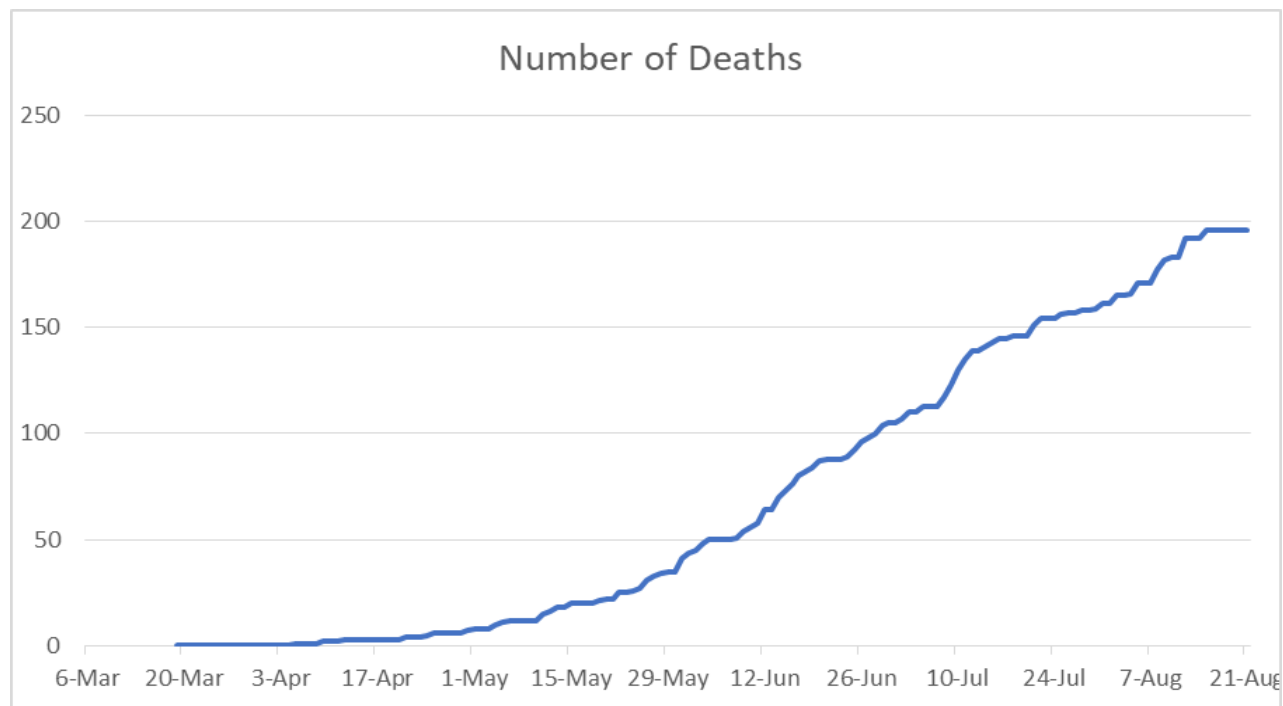
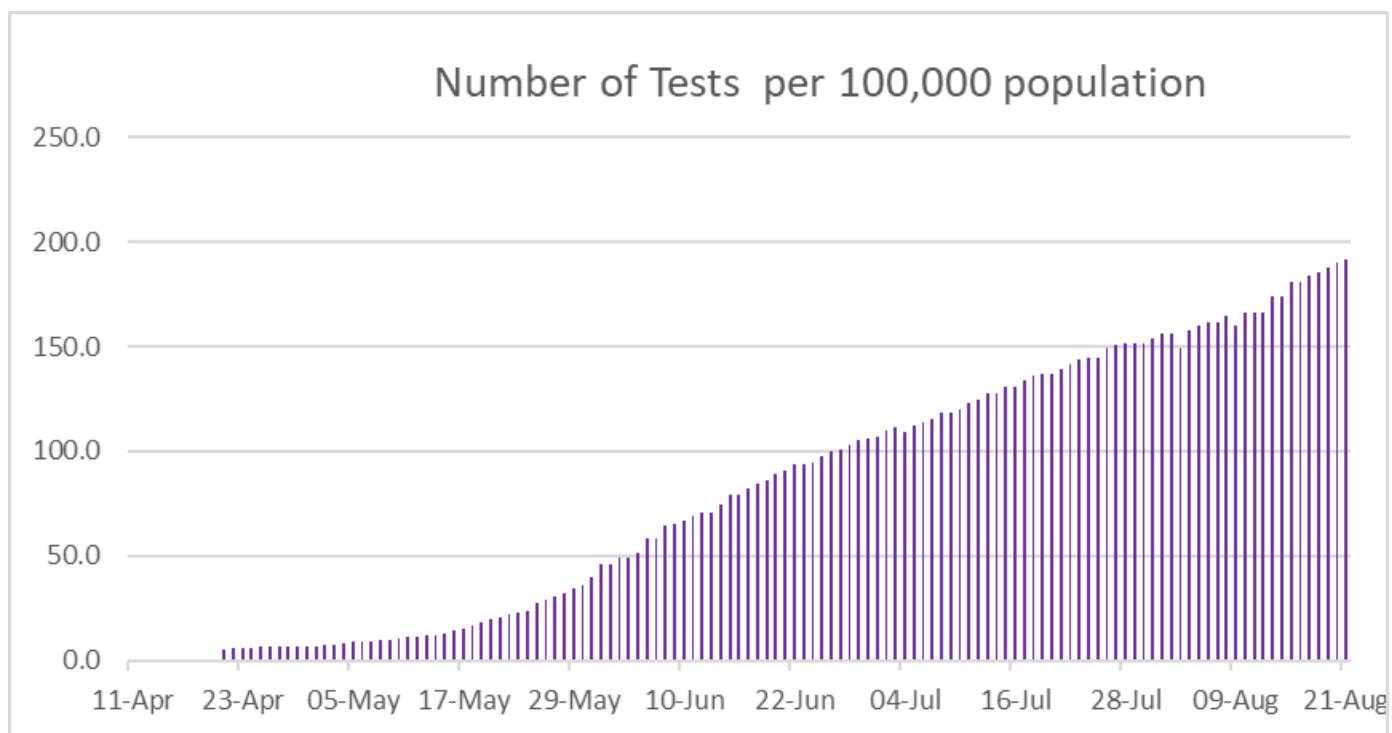


CHART 13A: HAITI



Note: Haiti had 206 new cases during the reporting period, 18-21 August as compared to 228 new cases during 8-14 August. The total number of cases has crossed 8000 and stood at 8016 as at 21 August with active cases at 2373. The number of deaths increased by 4 and is 196 as at 21 August. 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

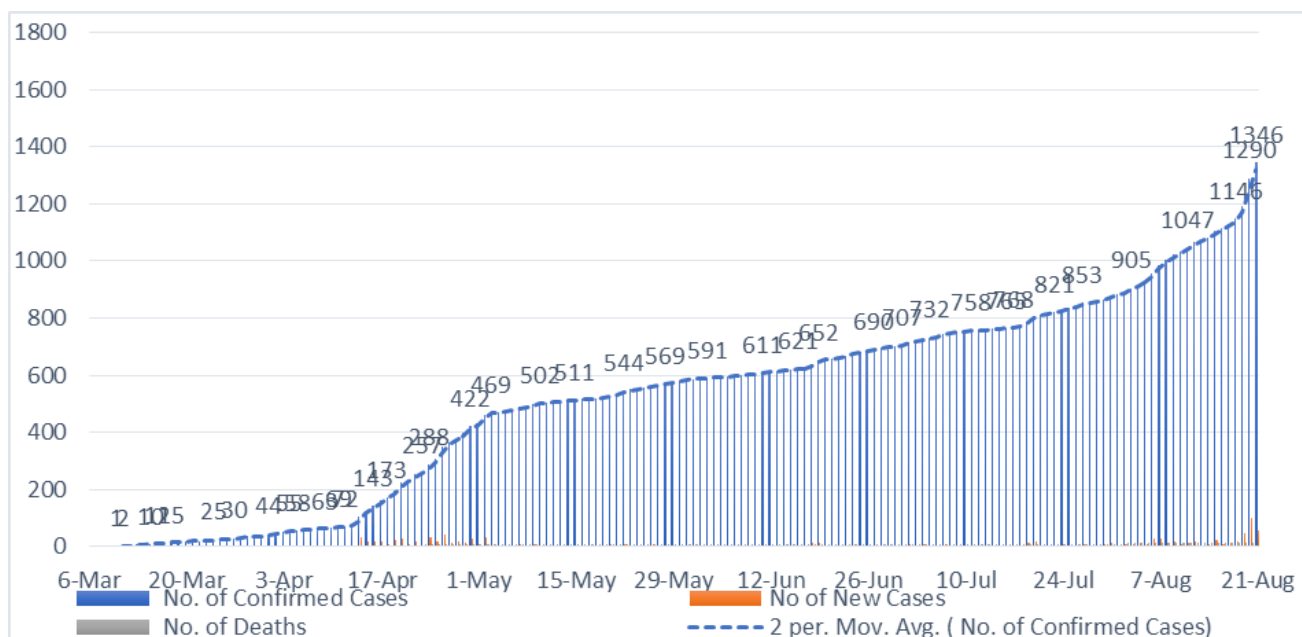
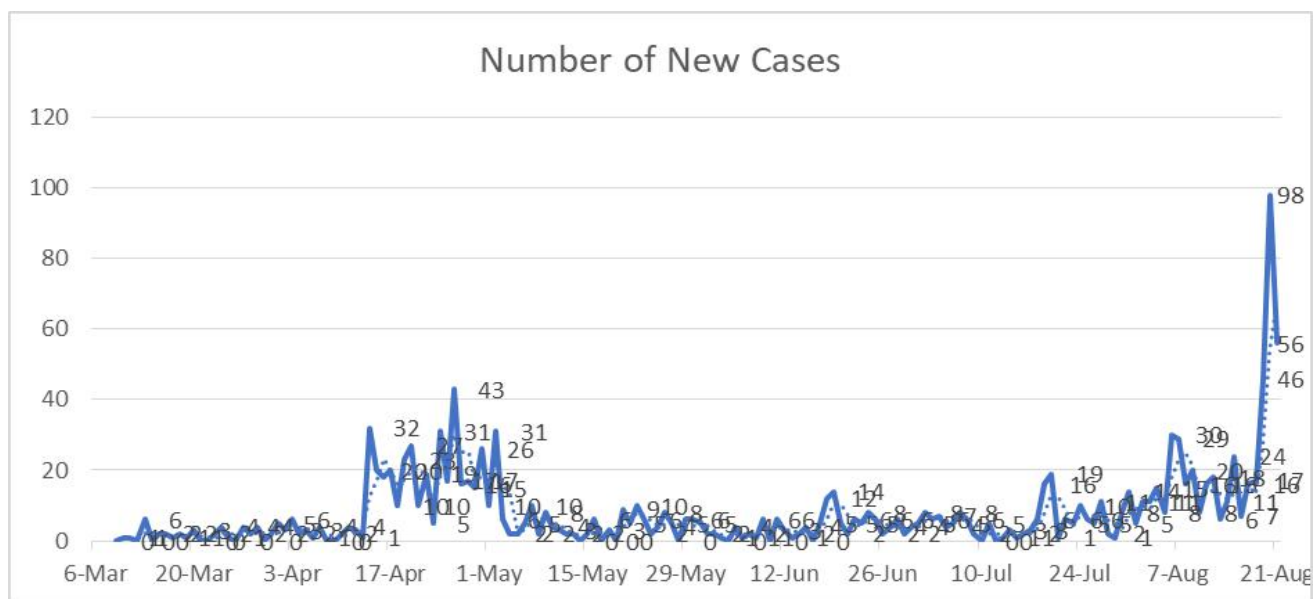


CHART 14A: JAMAICA



Note : : Jamaica had **264 new cases** during the current reporting period **15-21 August** as compared to **95 new cases** during **8-14 August** and **109 new cases** during **1-7 August**. The total number of confirmed cases stood at **1346** with **471 active cases** and **16 deaths**. The increasing trend in the number of new cases is evident

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CHART 15: MONTSERRAT

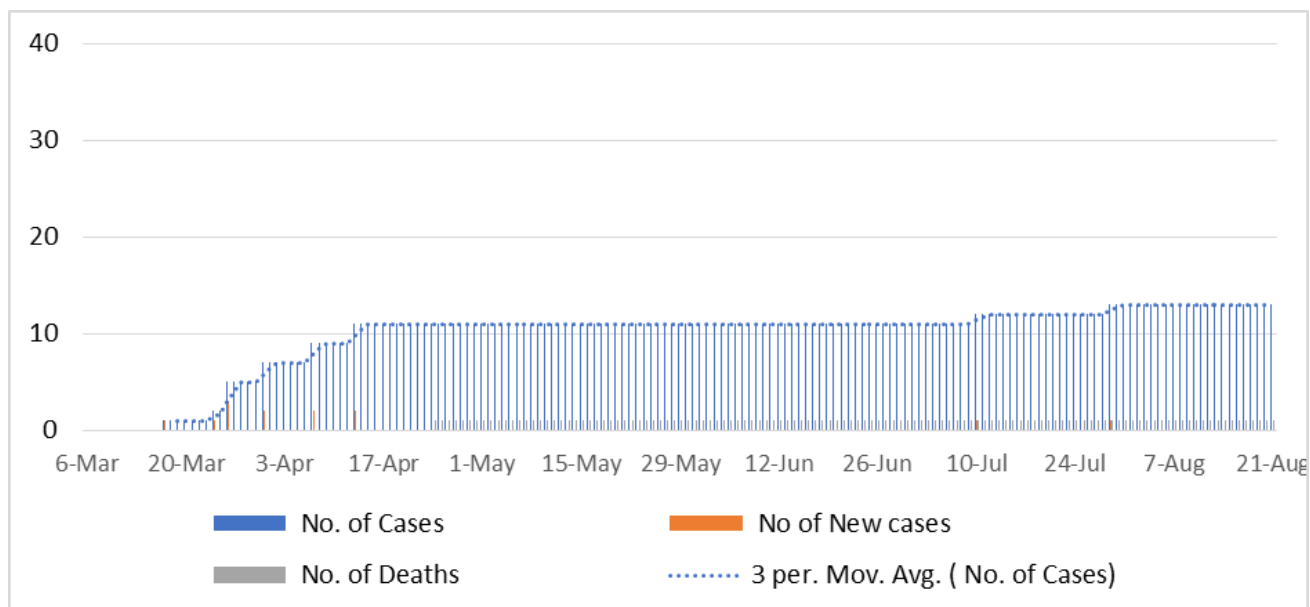
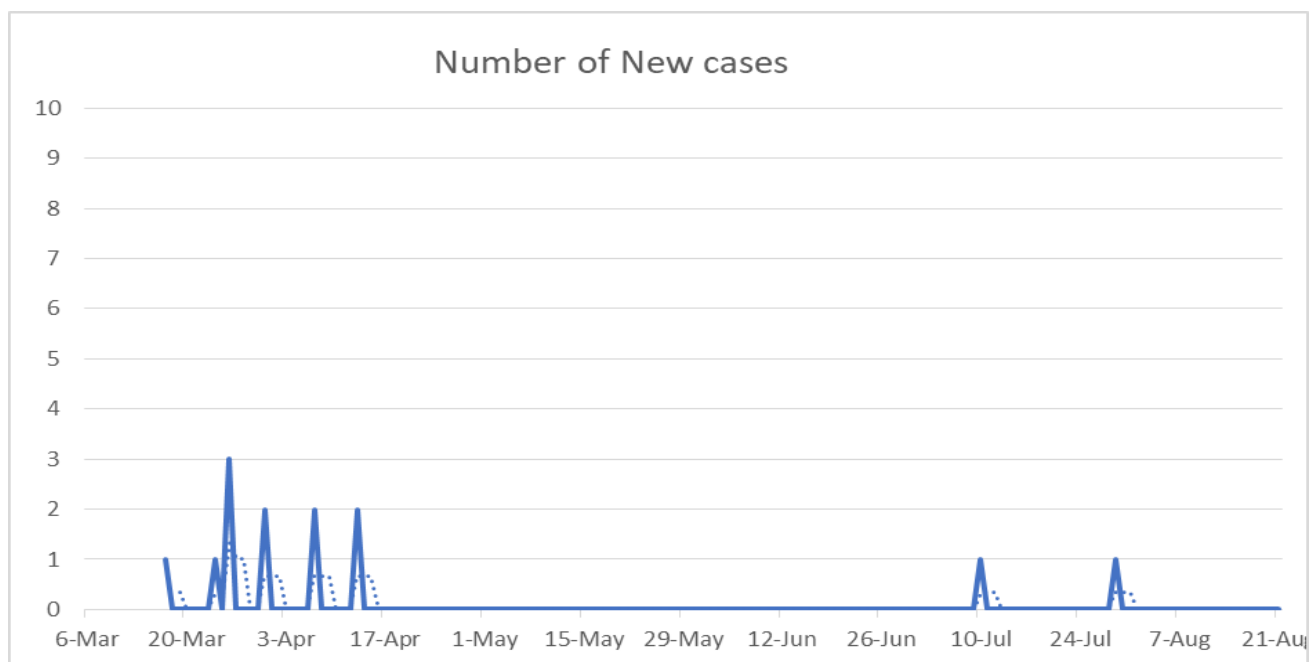


CHART 15A: MONTSERRAT



Note: There were no new cases in Montserrat during the current reporting period **15-21 August** similar to the past two reporting periods **8-14 August** and **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

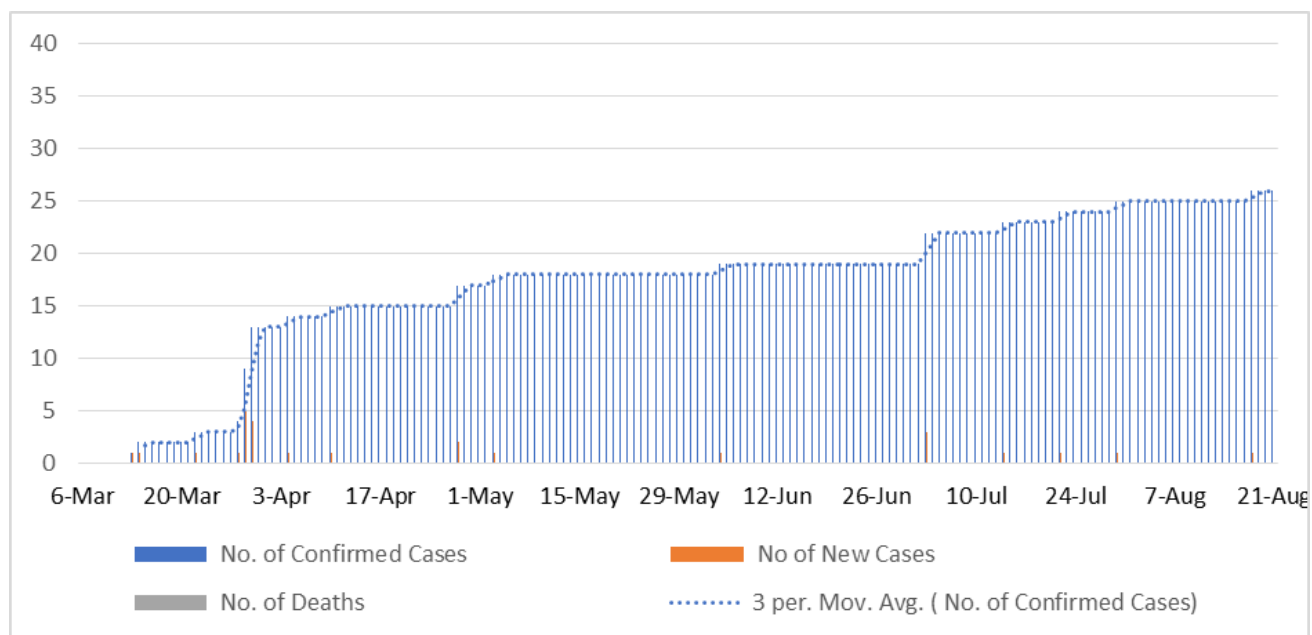
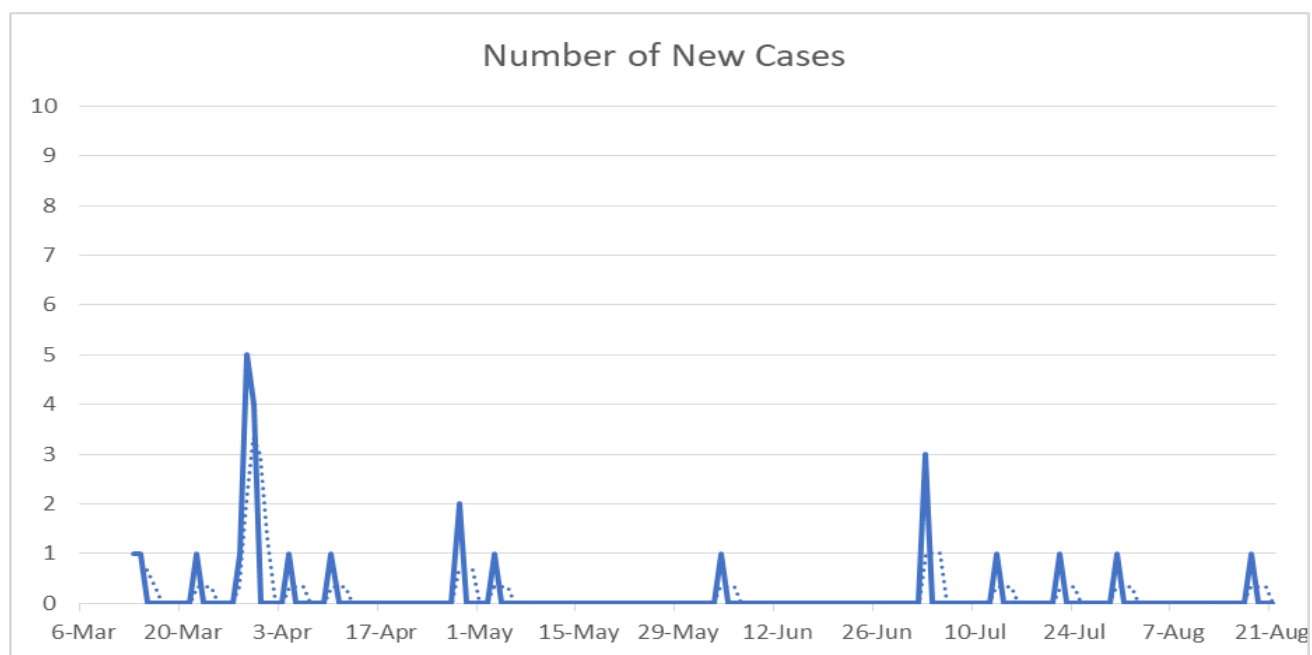


CHART 16A: SAINT LUCIA



Note: There was **one new case** in Saint Lucia during the current reporting period, **15-21 August** as compared to **no new cases** for the past two reporting periods **8-14 August** and **1-7 August** and following **one new case** during **25-31 July**. The number of confirmed cases stood at 26 with **one active case**.

CHART 16B: SAINT LUCIA

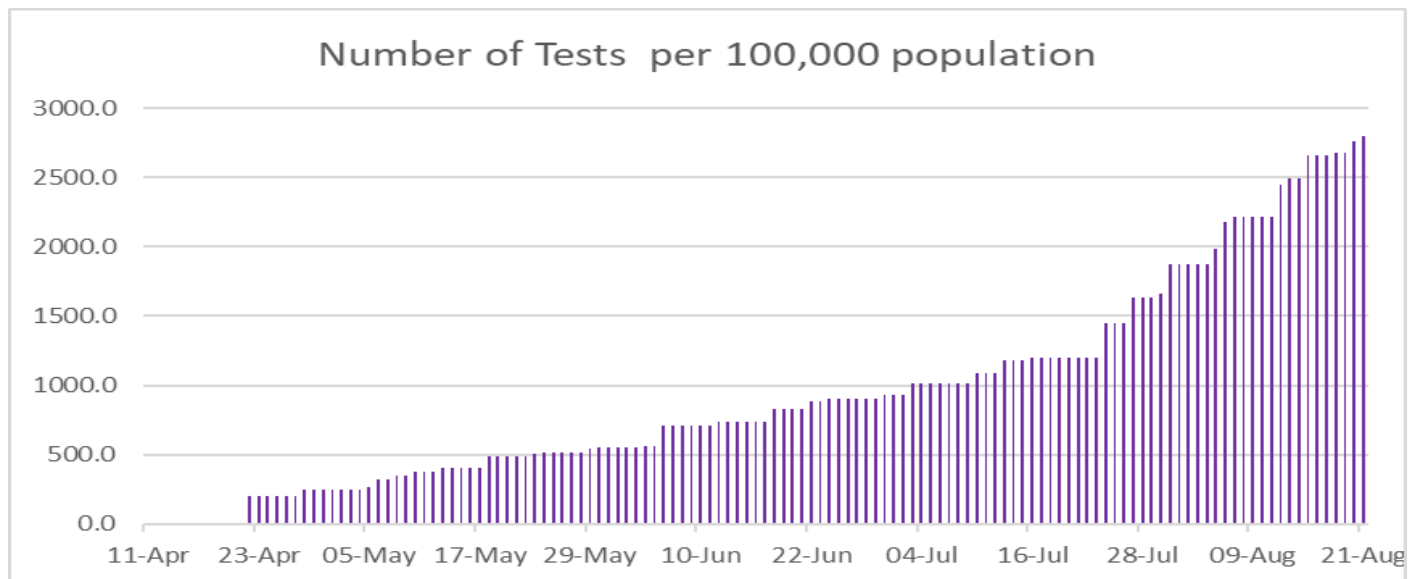


CHART 17: ST. KITTS AND NEVIS

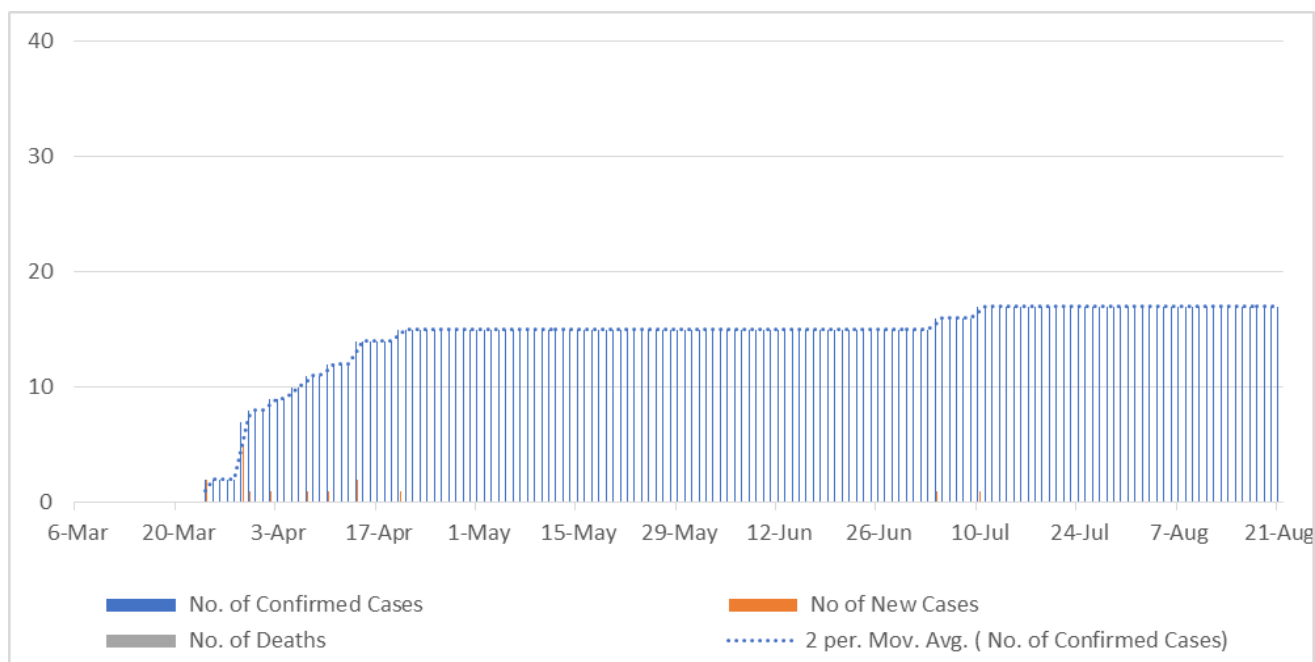
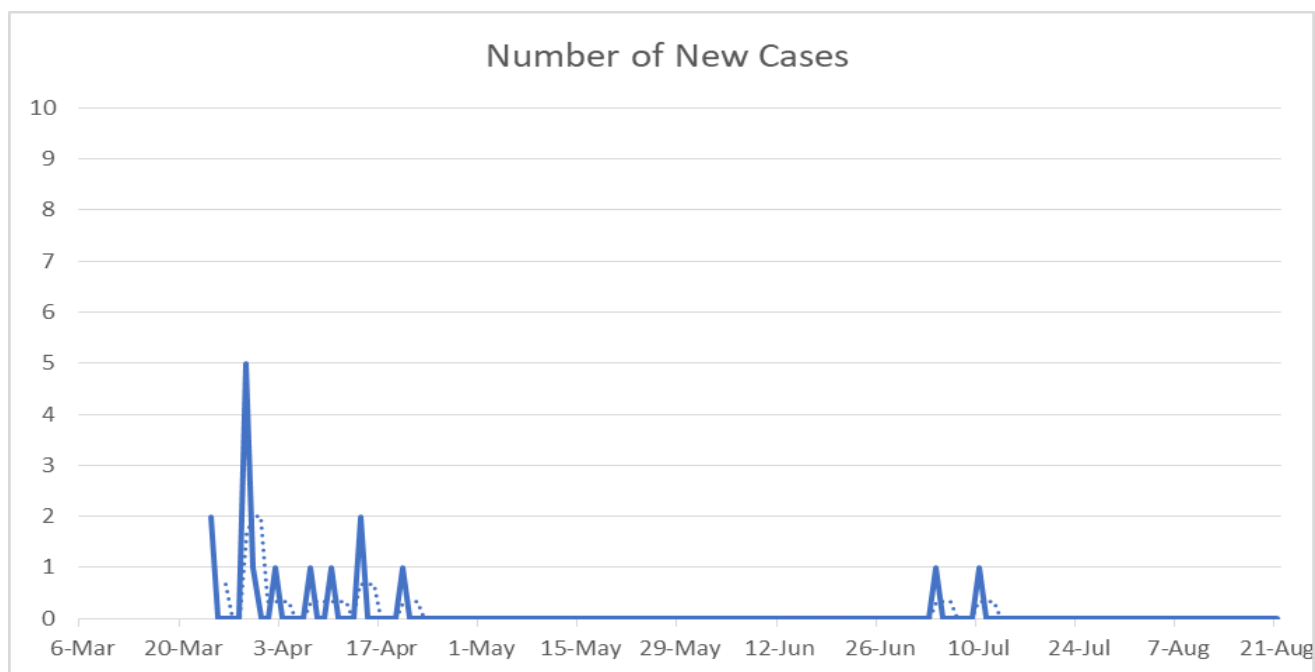


CHART 17A: ST. KITTS AND NEVIS



Note: There were **no new cases** in St Kitts and Nevis during the current reporting period **15-21 August** similar to the past two reporting periods, **8-14 August** and **1-7 August**. There were **two 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

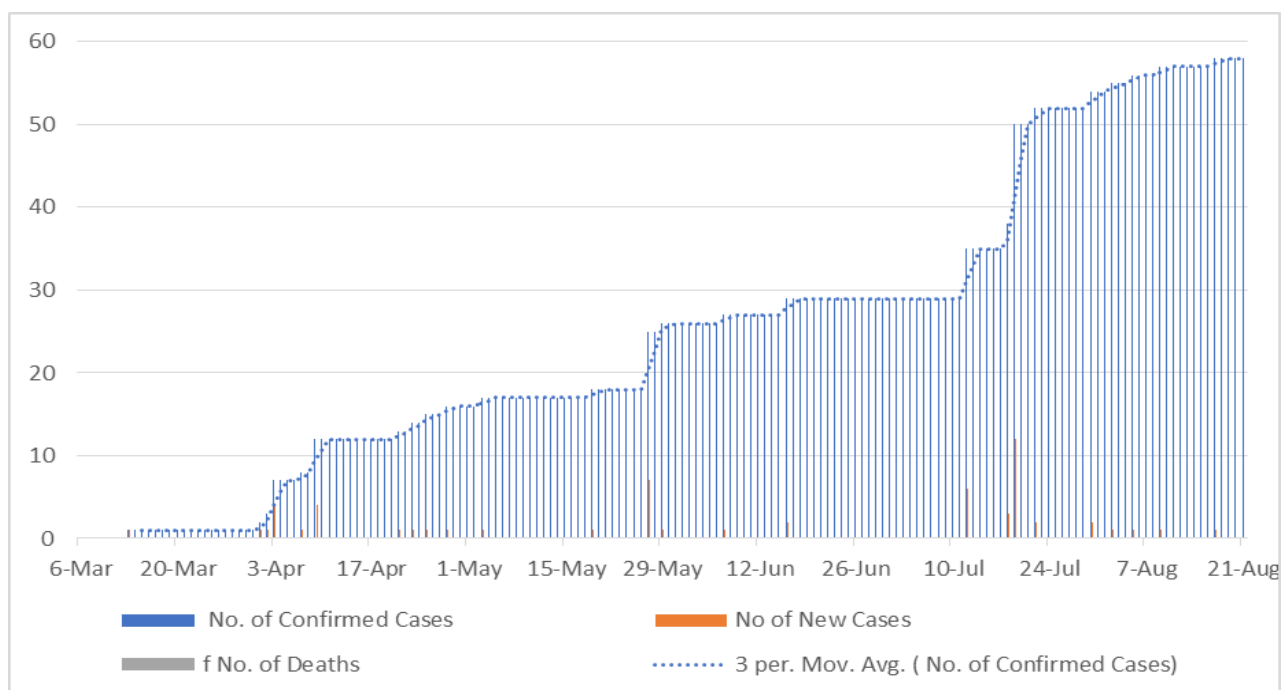
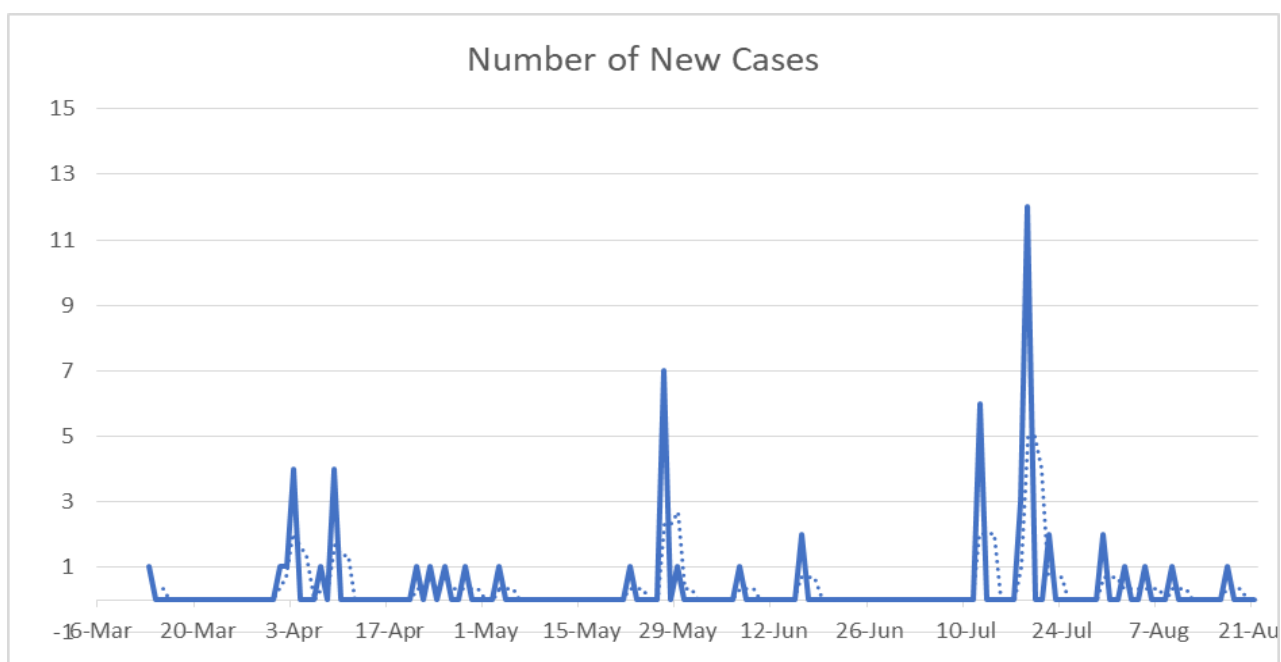
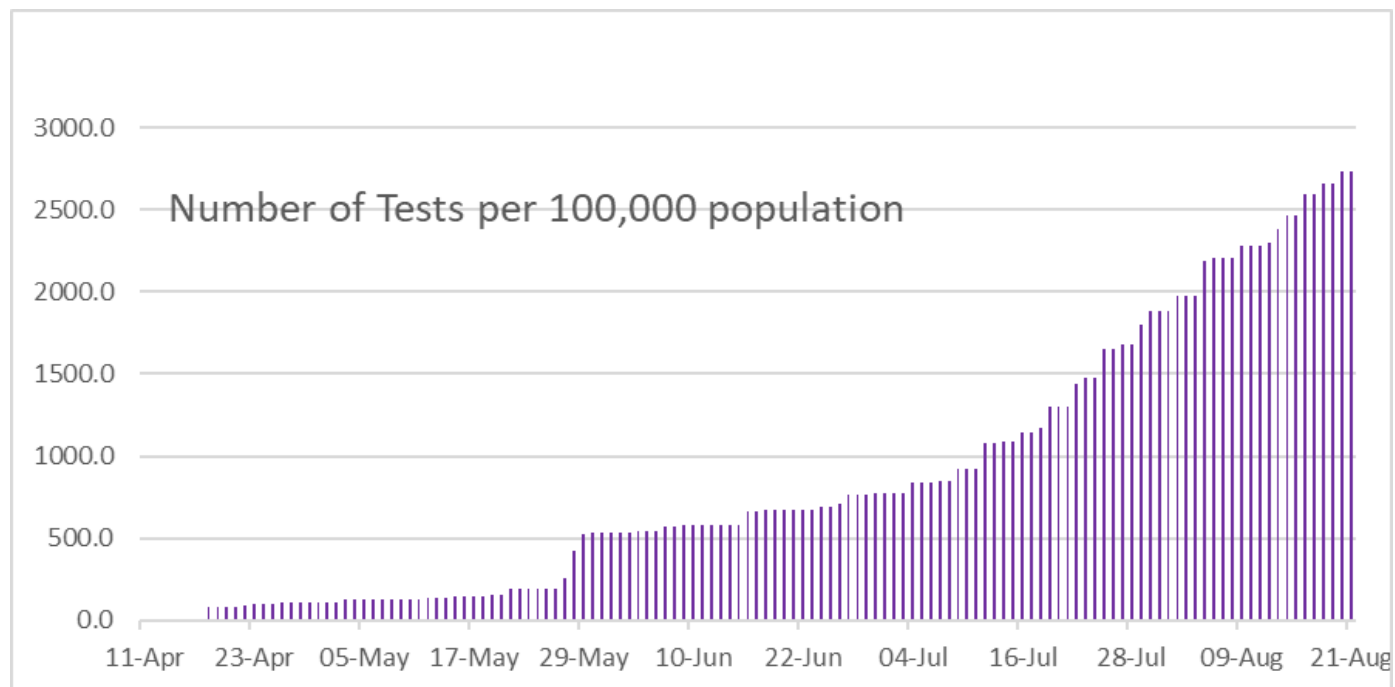


CHART 18A: ST. VINCENT AND THE GRENADINES



Note: There was **one new case** in St Vincent and the Grenadines during the current reporting period **15-21 August**, similar to the period **8-14 August** and following **2 new cases** during **1-7 August** and **25-31 July**. The number of cases in St Vincent and the Grenadines as at **21 August** was **58** with **one active case**.

CHART 18B: ST. VINCENT AND THE GRENADINES

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CHART 19: SURINAME

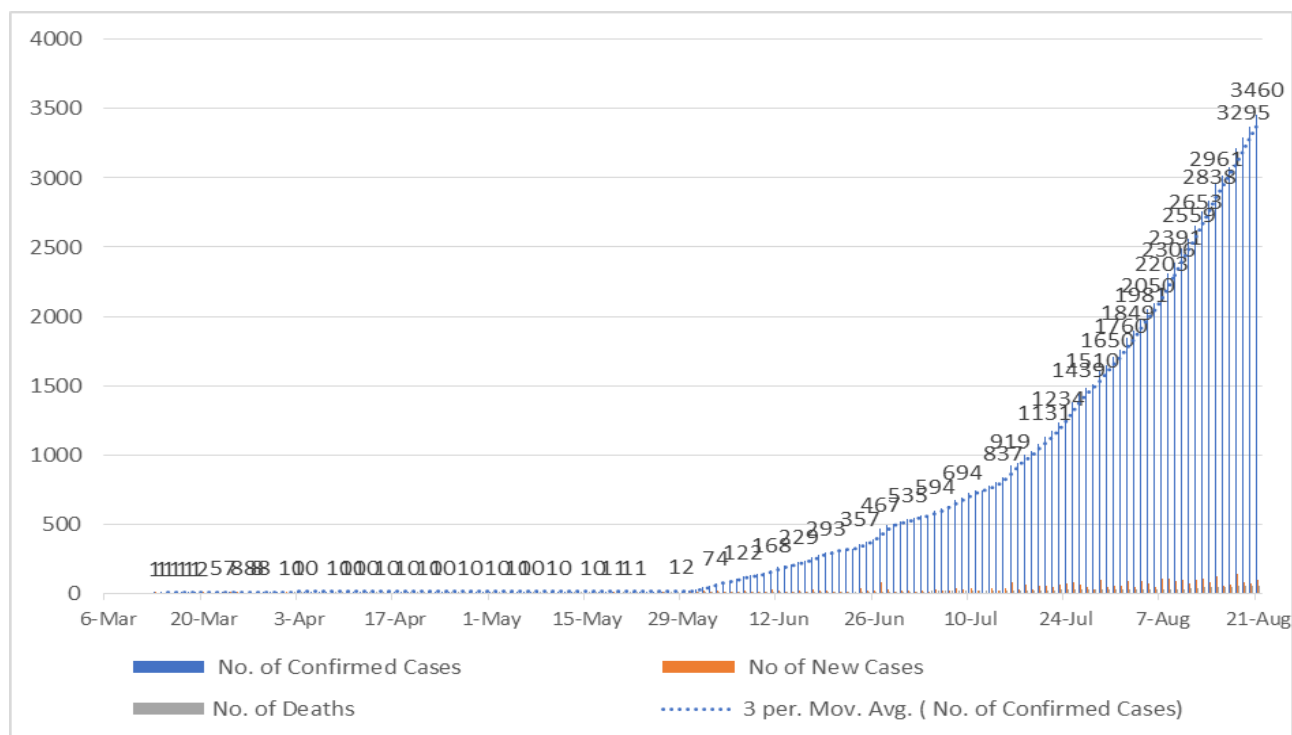
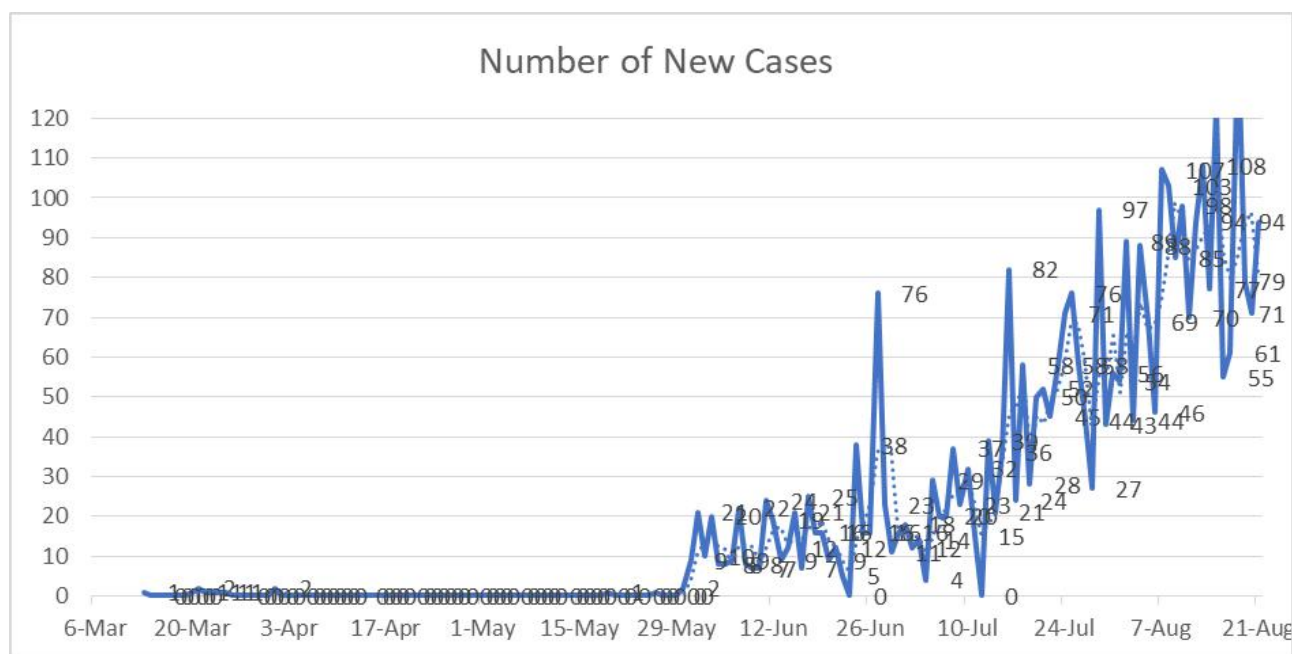
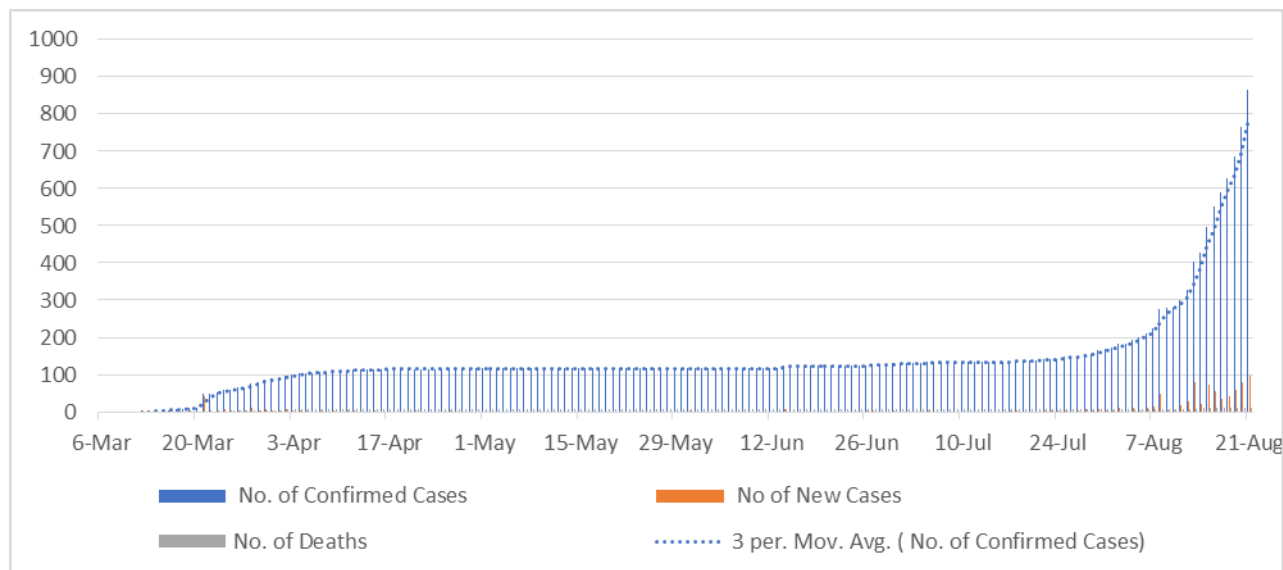
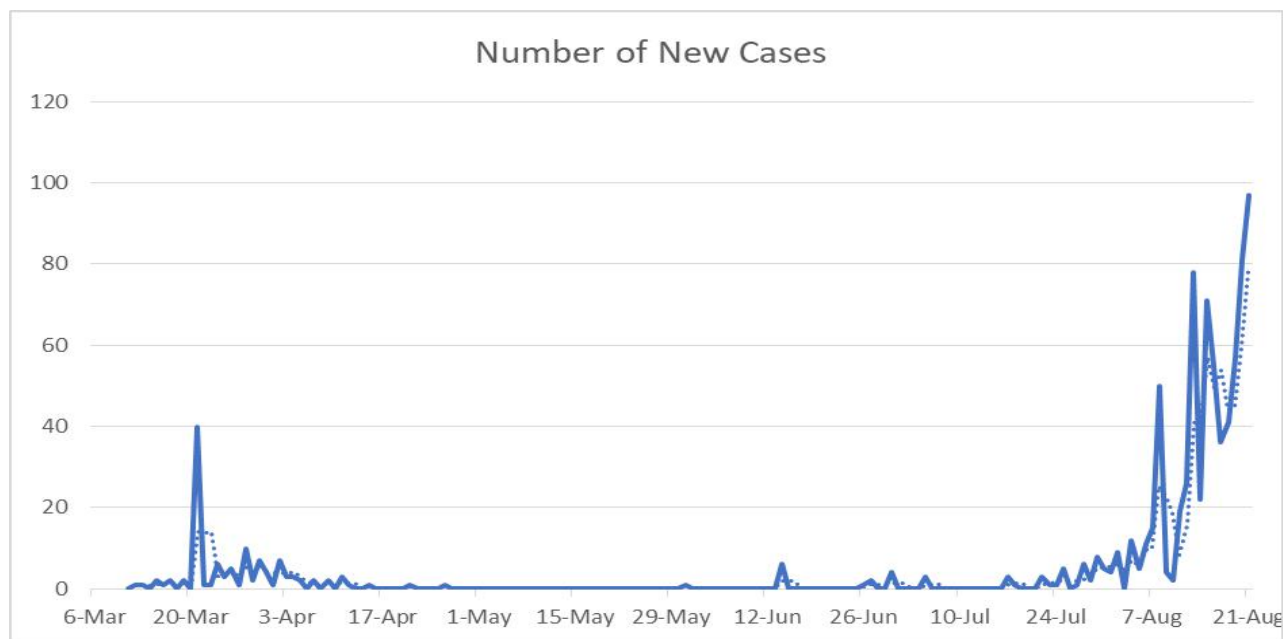


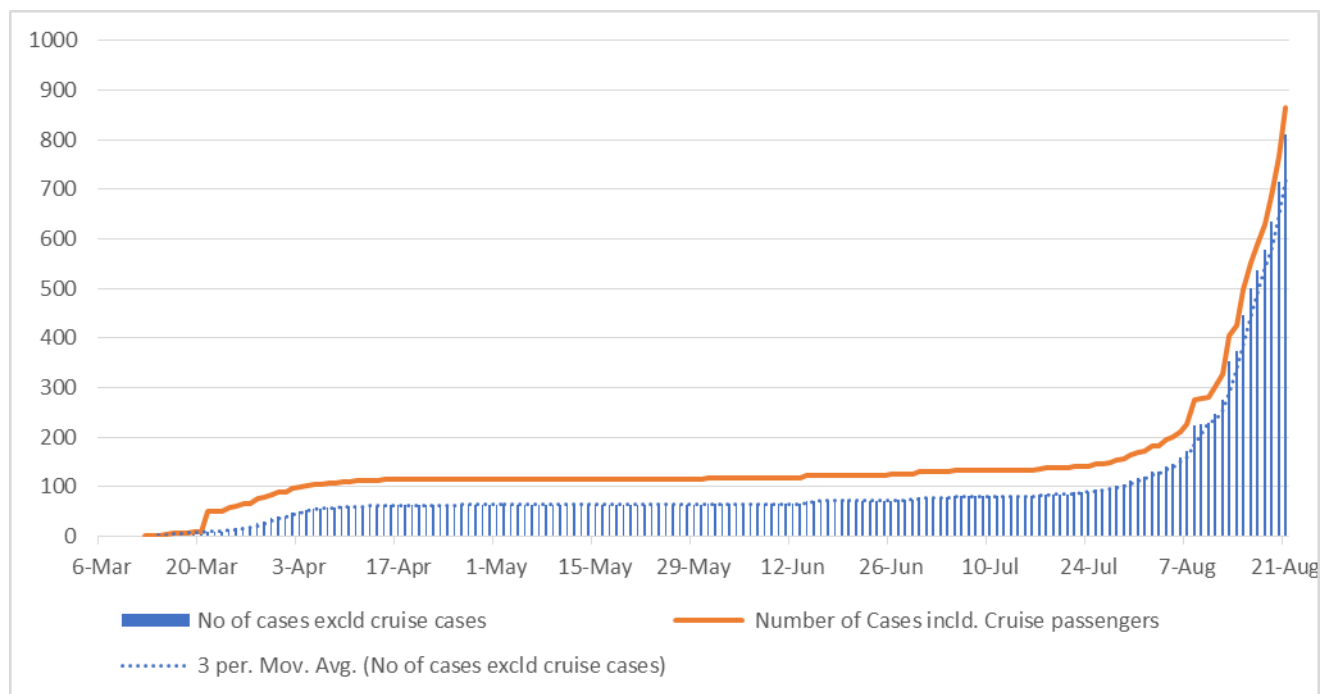
CHART 19A: SURINAME



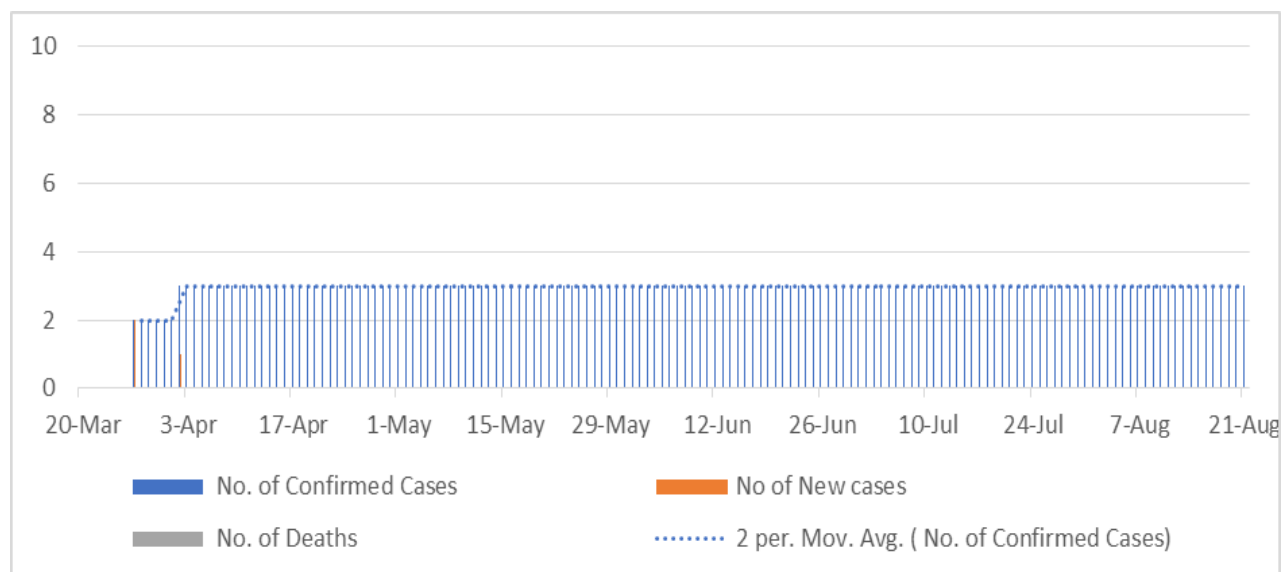
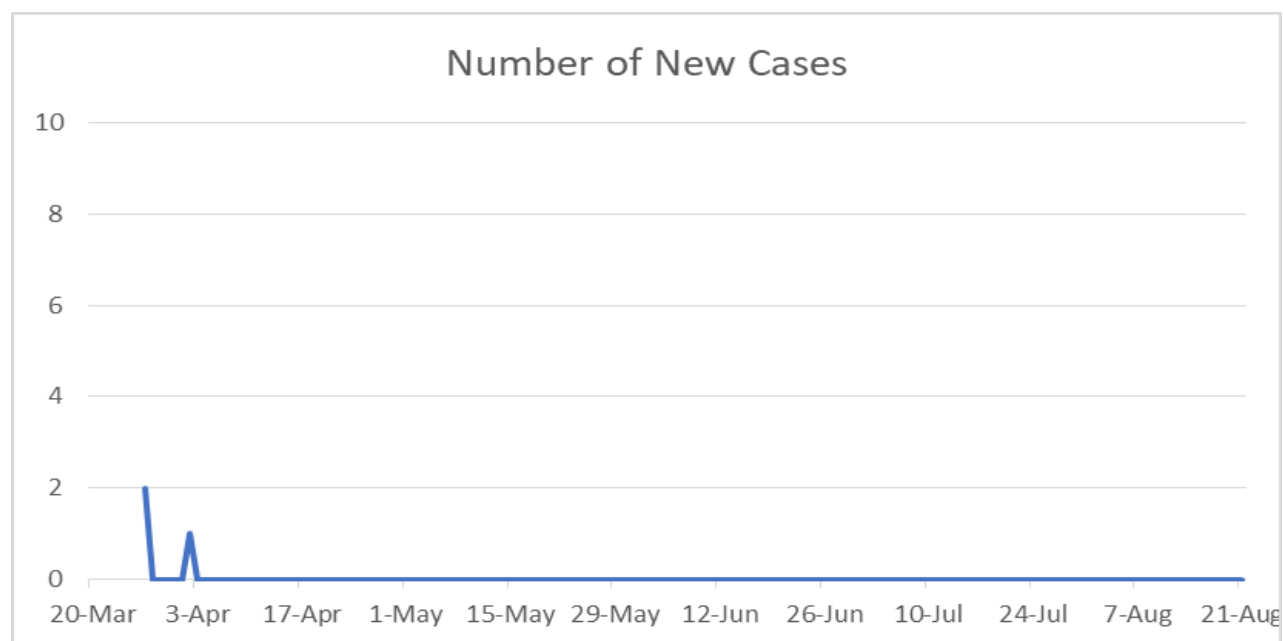
Note: Suriname had **622 new cases** during the current reporting period **15-21 August** as compared to **635 new cases during 8-14 August**, **497 during 1-7 August** and **401 during 25-31 July**. The **622 new cases** represented **23.0 percent** of the total new cases for CARICOM during the current reporting period. The number of confirmed cases for Suriname stood at **3460** with **906 active cases** and **56 deaths**. 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 **438 new cases** during the current reporting period, **15-21 August** as compared to **201 new cases** during **8-14 August**, **56 new cases** during **1-7 August** and **27 new cases** during **25-31 July**. These **438 new cases** reflect the continuation in the increase in the number of new cases for Trinidad and Tobago. The number of confirmed cases stood at **846** with **690 active cases** and **12 deaths**. The increasing trend in the number of new cases is evident in Chart 20A.

CHART 20B: TRINIDAD AND TOBAGO - CRUISE PASSENGERS

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

CHART 21: ANGUILLA**CHART 21A: ANGUILLA**

Note: The last positive case of COVID-19 in Anguilla was **2 April**, a period of **141 days** as at **21 August**. The number of confirmed cases for Anguilla is **3**.

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CHART 22: BERMUDA

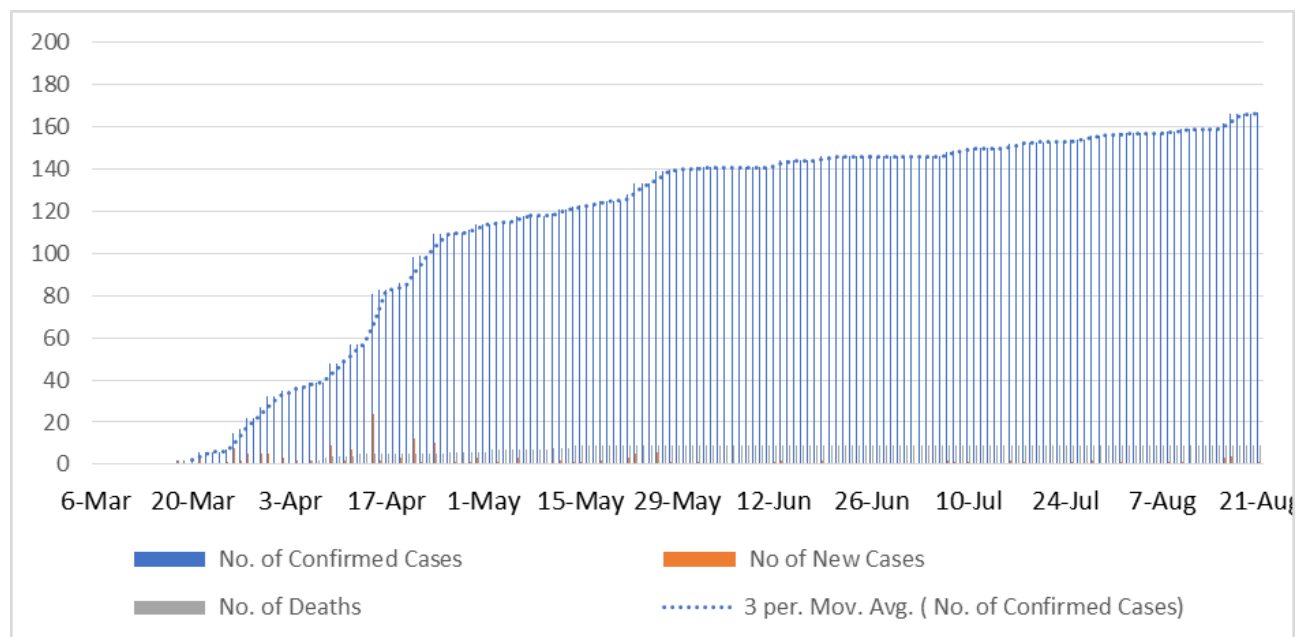
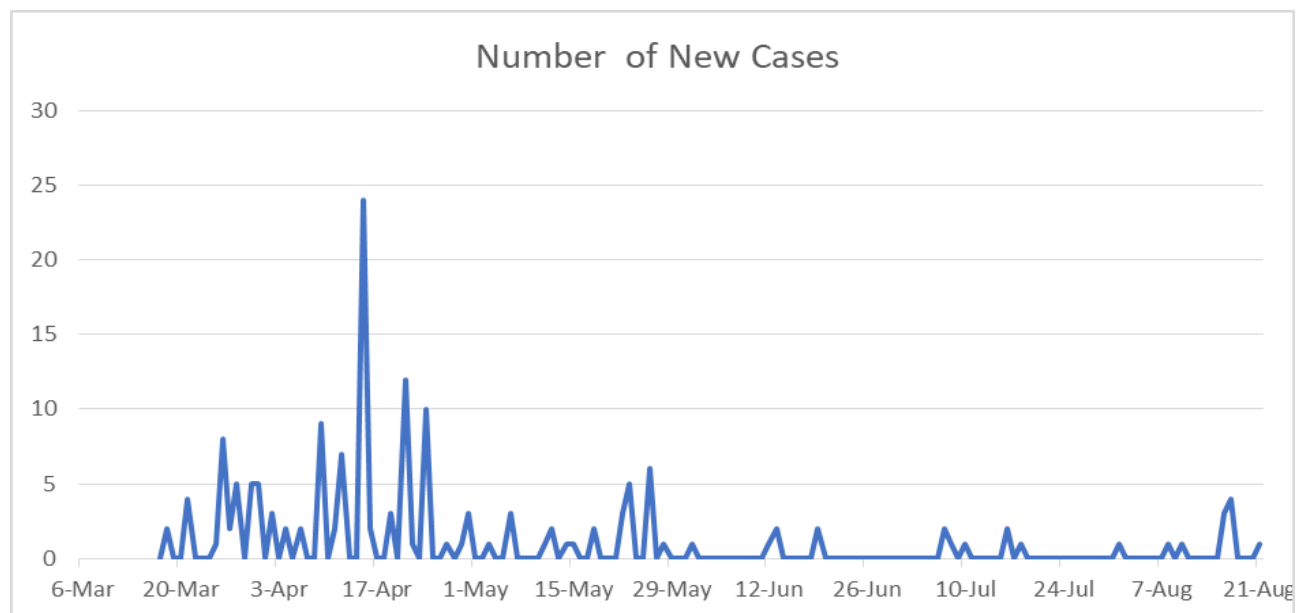
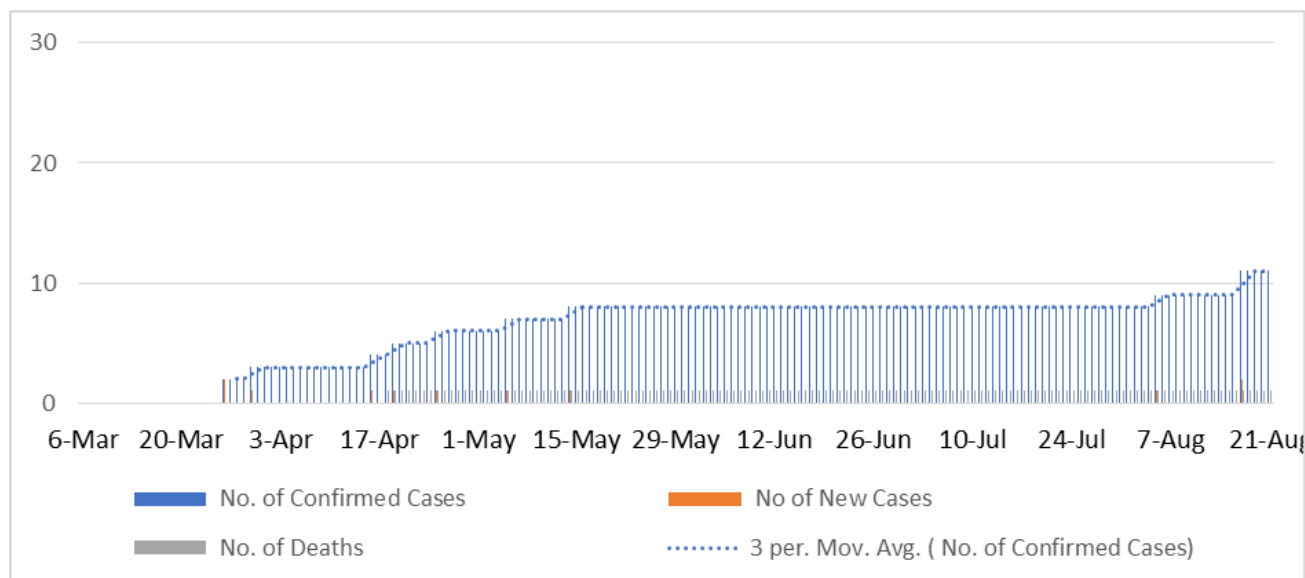
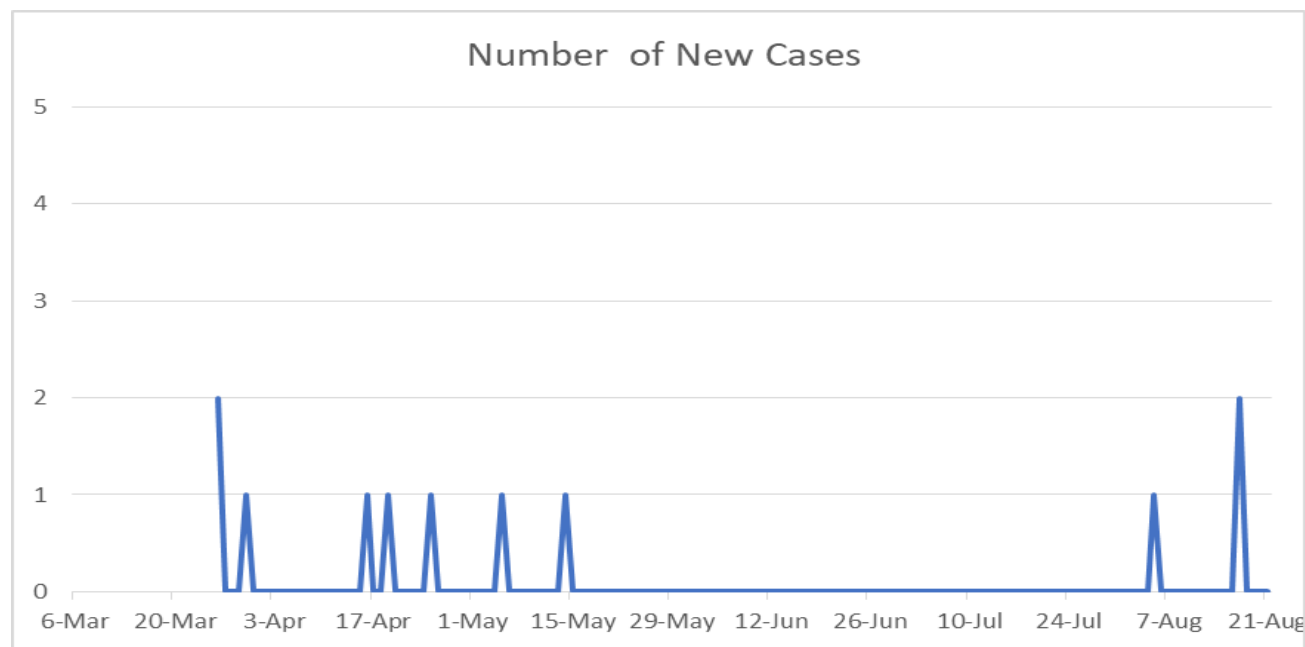


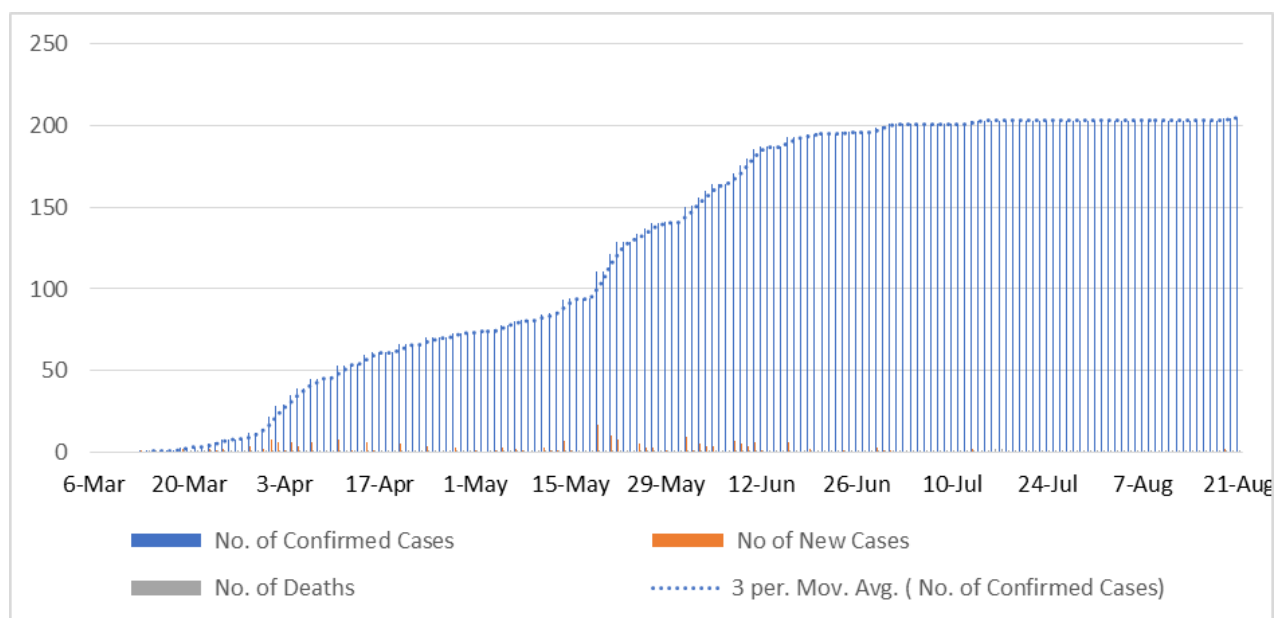
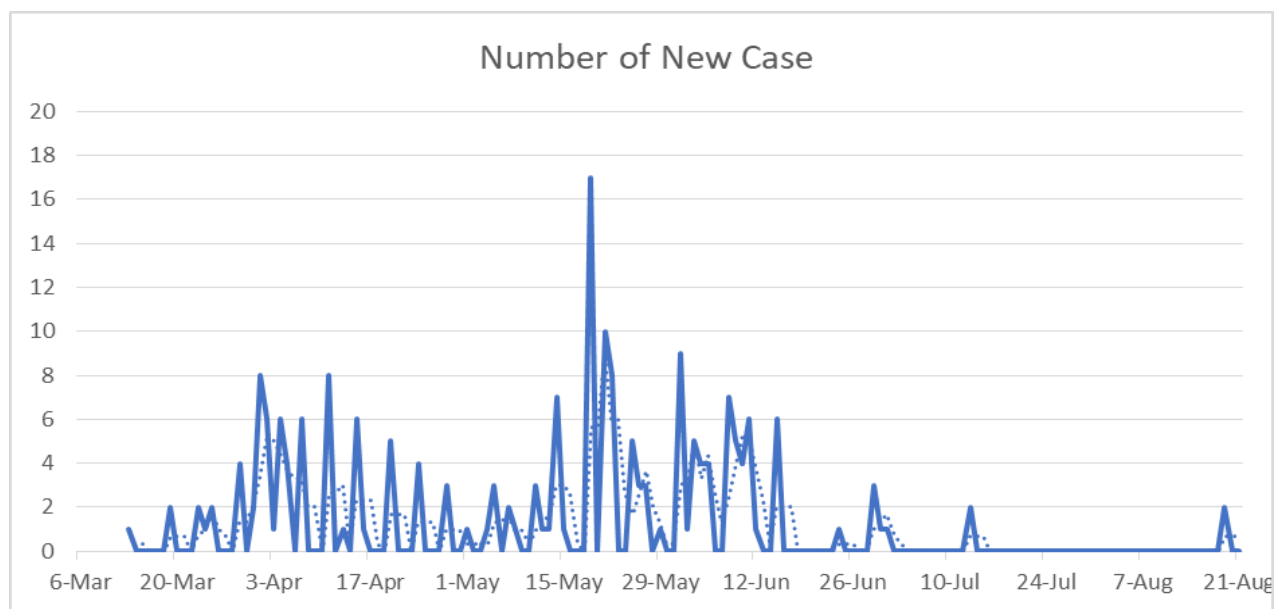
CHART 22A: BERMUDA



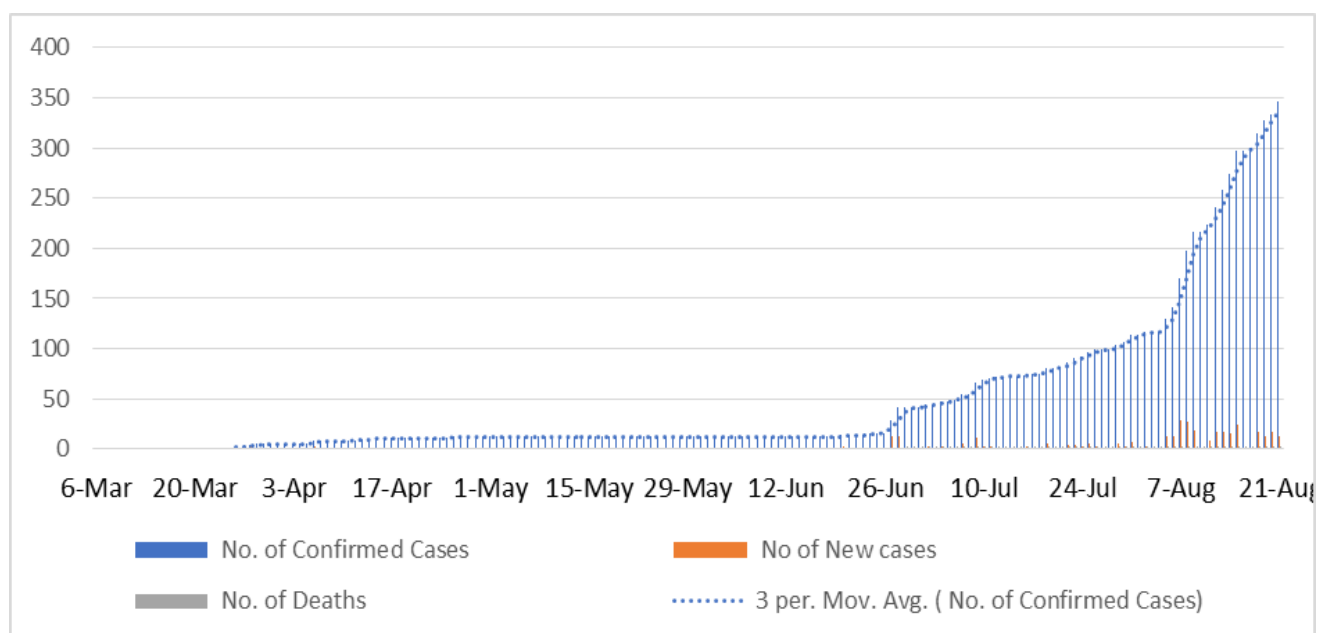
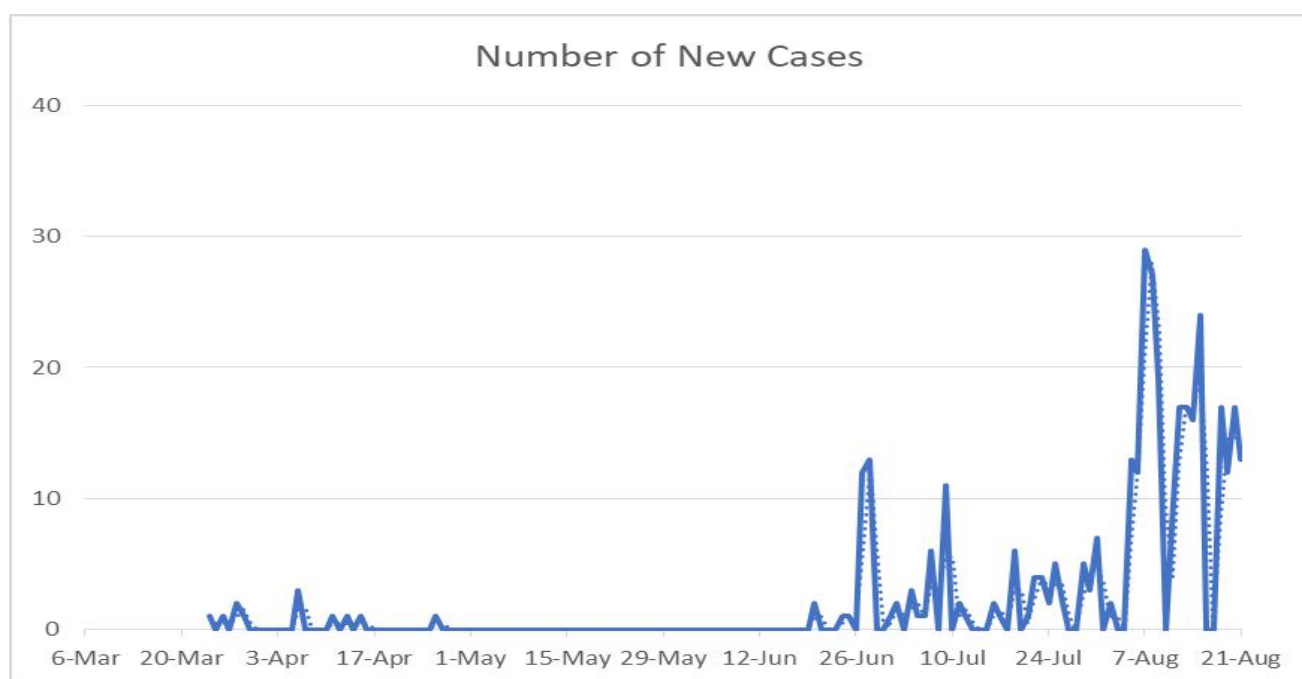
Note: Bermuda had **8 new cases** during **15-21 August** as compared to **2 new cases** during **8-14 August**, **1 new case** during **1- 7 August** and following **3 new cases** during **25-31 July**. The number of confirmed cases for Bermuda stood at 167 as at 21 August with 11 active cases.

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

Note: In the British Virgin Islands, there were **2 new cases** during the current reporting period **15-21 August**, as compared to **no new cases** during **8-14 August**. There was a new case during the period **1-7 August** which followed **8** consecutive periods when there were no cases. The total number of confirmed cases stood at **11** with **2 active cases**.

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

Note: There were **2 new cases** in Cayman Islands during **15-21 August** as compared to **no new cases** during **8-14 August** and to the previous 3 reporting periods **1-7 August, 25-31 July** and **18-24 July**. There were **2 new cases** during **11-17 July**, **no new cases** during **4-10 July**, **5 new cases** during **25 June- 31 July**. The number of confirmed cases stood at **205** with **2 active cases**.

CHART 25: TURKS AND CAICOS ISLANDS**CHART 25A: TURKS AND CAICOS ISLANDS**

Note: Turks and Caicos Islands had **73 new cases** during the current reporting period **15-21 August**, as compared to **104 new cases** during **8-14 August**, **56 new cases** during **1-7 August** and following **22 new cases** during **25-31 July**. The number of cases stood at 347 with **242 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	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
Without Haiti	24 July 14 August	3789 7545	21
With Haiti	7 July 21 August	9005 18,059	45 Rate: 2.01
Without Haiti	3 August 21 August	5053 10,043	18 Rate: 1.99
The Bahamas	23 July 31 July	274 574	8
	28 July 7 August	447 830	10
	31 July 14 August	574 1119	14
	7 August 21 August	830 1703	14 Rate: 2.05
Suriname	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
	31 July 21 August	1706 3460	21 Rate: 2.03

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DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

The Bahamas

Doubling (2.05) 14 days

7th
August **830 Cases**

21st
August **1703 Cases**

Belize

Doubling (2.2) 9 days

12th
August **296 Cases**

21st
August **648 Cases**

Guyana

Doubling (2.05) 20 days

1st
August  **430 Cases**

21st
August  **881 Cases**

Haiti

Doubling (2.03) 69 days

13th
June  **3941 Cases**

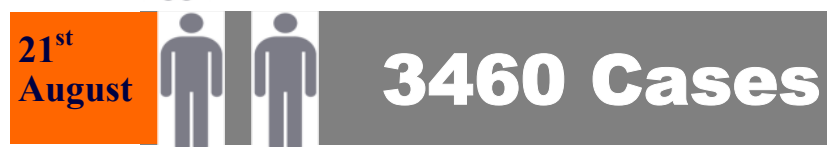
21st
August  **8016 Cases**

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DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

Suriname

Doubling (2.03) - 21 days



Trinidad and Tobago (Returned to monitoring)

Doubling (2.03) 7 days



Turks and Caicos Islands

Doubling (2.04) 14 days

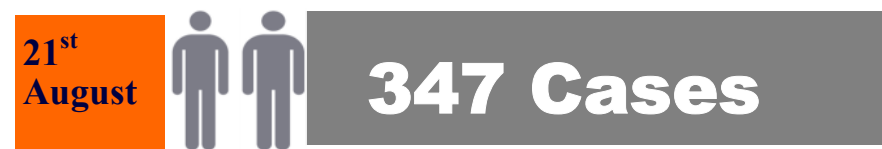


TABLE 9: EXPLANATIONS

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> $\text{Rate} = \frac{\text{No. of Confirmed Cases}}{\text{Total Population}} \times 100,000$ <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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