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## **Special Topic Statistical Bulletin - COVID-19**

**Issue 23, 28 August 2020** 

The Special Topic Statistical Bulletin on COVID-19 in CARICOM Countries Issue 23, provides an update of the trajectory of the COVID-19 in the CARICOM Region up to 28 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



Total number of deaths increased by 216 in 50 days (9 July - 28 August) at a rate of 2.02

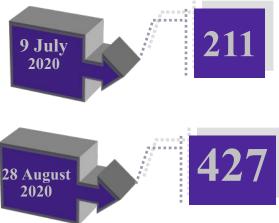


TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 18 JULY - 28 AUGUST 2020

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
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	17152	426	354
20-Aug	17609	457	359
21-Aug	18069	460	367
22-Aug	18508	439	372
23-Aug	18841	333	389
24-Aug	19191	350	398
25-Aug	19646	455	404
26-Aug	20120	474	408
27-Aug	20571	451	419
28-Aug	21002	431	427

**Note:** The Number of Confirmed Cases and the Number of Deaths are <u>cumulative values</u> while the Number of New Cases is not cumulative and reflects the <u>daily</u> 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— 17 July 2020.

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

Country	Confirmed Cases	New Cases	Deaths	Recoveries	Active Cas- es	Tests Con- ducted
<b>Total Member States</b>	20,101	2,775	413	12,237	7,371	169,927
Antigua and Barbuda	94	0	3	89	2	1863
Bahamas	2057	354	50	755	1245	10917
Barbados	166	9	7	141	18	16538
Belize	870	222	12	93	765	7622
Dominica	20	1	0	18	2	2077
Grenada	24	0	0	24	0	1125
Guyana	1180	299	35	633	512	7811
Haiti	8161	145	201	5743	2217	23112
Jamaica	2011	665	19	1032	888	56404
Montserrat	13	0	1	11	0	240
Saint Lucia	26	0	0	25	1	5427
St Kitts and Nevis	17	0	0	17	0	1564
St Vincent and the Grena-						
dines	60	2	0	57	3	3315
Suriname	3848	388	66	2971	811	8975
Trinidad and Tobago	1554	690	19	628	907	22937
<b>Total Associate Members</b>	901	158	14	512	375	83,608
Anguilla	3	0	0	3	0	483
Bermuda	168	1	9	151	8	42710
British Virgin Islands	35	14	1	8	26	2853
Cayman Islands	205	0	1	202	3	35195
Turks and Caicos Islands	490	143	3	148	338	2367
Total CARICOM	21,002	2,933	427	12,749	7,746	253,535

#### What do we learn from the Data?

[as at 28 August 2020]

The number of confirmed cases moved from 18,069 (adjusted) as at 21 August to 21,002 cases on 28 August. The number of deaths moved from 367 to 427. There were 2933 new cases (2714 new cases (adjusted) for the last period) and 60 new deaths (44 new deaths for the last period). Trinidad and Tobago led in the number of new cases with 690, followed by Jamaica with 665, Suriname, 388, The Bahamas, 354, Guyana, 299, Belize, 222, Haiti, 145 and Turks and Caicos Islands, 143...

Recoveries as at 14 August stood at 12,749 and active cases at 7746 as compared to 10,417 recoveries and 7,197 active cases on 21 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 <u>four (4) countries</u> with no active cases as at **28** August, the same as for the previous reporting period. The countries with no active cases are:- *Anguilla, Grenada, Montserrat, and St. Kitts and Nevis*.
- Five (5) countries Saint Lucia (1), Antigua and Barbuda (2), Dominica (2), Cayman Islands (3), and St Vincent and the Grenadines (3) had 1-4 active cases.
- One (1) country- Bermuda (8) had 5-10 active cases and also one (1) country -Barbados (18) had `10-25 cases
- One (1) country had greater than 25 but less than 50 active cases: British Virgin Islands (26).
- The remaining eight (8) countries had 300+ active cases: Turks and Caicos Islands (338), Guyana (512), Belize (765), Suriname (811), Jamaica (888), Trinidad and Tobago (907), ), The Bahamas (1245) and Haiti (2217).

#### Recoveries

- As mentioned earlier, there were <u>four countries</u> for which all active cases had recovered as at **28 August**.
- Among the other countries, Haiti had 5743 recoveries (70 percent of its total confirmed cases), Suriname, 2971 (77 percent), Jamaica, 1032 (51 percent), The Bahamas, 755 (37 percent), Trinidad and Tobago 628 (40 percent) and Cayman Islands, 202 (99 percent).

#### **Confirmed Cases**

- ♦ In absolute terms the countries with the highest numbers of Confirmed Cases are *Haiti*, 8161, Suriname, 3848, The Bahamas, 2050, Jamaica, 2011, Trinidad and Tobago, 1554, Guyana, 1180, Belize, 870, Turks and Caicos Islands, 490, Cayman Islands, 206, Bermuda, 168 and Barbados 166.
- In rates per 100,000 population for countries with 25+ cases, <u>Turks and Caicos Islands is still in the lead with 1186.44</u>, followed by Suriname with 660.03, The Bahamas has surpassed Cayman Islands and is now at 539.44, Cayman Islands with 311.49, and Bermuda with 262.61, completes the top five.
- ◆ The rate for *Belize* is 218.57, *Guyana*, 159.24, *Trinidad and Tobago*, 114.37 and *Haiti* is at 71.52. *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 28 August with 201, an increase of 5 from 28 August. Suriname is in second place with 66 (+10), followed by The Bahamas, 50 (+23) and an additional 7 non-covid-19 related causes of death for confirmed cases, Guyana, 35 (+4), Jamaica 19 (+3) and Trinidad and Tobago 19) (+7).
- ◆ The number of deaths per 100,000 population is still the highest in *Montserrat* with 20 (1). Bermuda follows with 14.07 (9), The Bahamas, 13.11, Suriname, 11.32 followed by Turks and Caicos Islands, 7.26 (3). The rate for Haiti is 1.76 and Guyana 4.72.
- The Case Fatality Rate (number of deaths as a percentage of the number of confirmed cases) is the highest in **Montserrat** with 7.7 percent followed by **Bermuda** with 5.4, **Barbados**, 4.2, **Antigua and Barbuda**, 3.2 (3) and Guyana, 3.0. Haiti is at 2.5 percent.

#### **Testing-** [Tracking the pandemic]

• Bermuda, with a rate per 100,000 of the number of tests conducted of 66,762.5 (42,710 tests), has the highest rate followed by Cayman Islands with 53477.3 (35195 tests), British Virgin Islands 9787.0 (2853 tests), Barbados, 6021.9 (16,538 tests) and Turks and Caicos Islands with 5,731.2 (2367). Jamaica has conducted the highest number of tests with 56,404 but is in thirteenth place with 2068.0 tests per 100,000 population.

CHART 1: SUMMARY ALL COUNTRIES - NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS – 10 MARCH - 28 AUGUST 2020

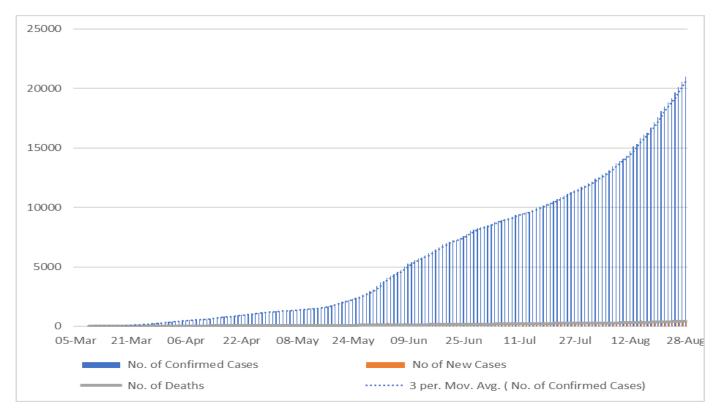
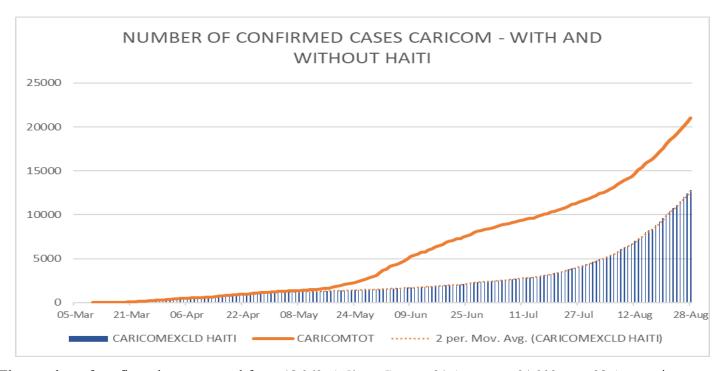


CHART 1A: NUMBER OF CONFIRMED CASES IN CARICOM—WITH AND WITHOUT HAITI 10 MARCH - 28 AUGUST 2020



Note: The number of confirmed cases moved from 18,069 (adjusted) as at 21 August to 21,002 as at 28 August, increasing by 2933 cases, while the number of deaths moved from 367 to 427, an increase of 60. There are 7 deaths for The Bahamas and 1 for Jamaica classified as non-COVID-19 related causes that are not included in this total.

### CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - 10 MARCH - 28 AUGUST 2020

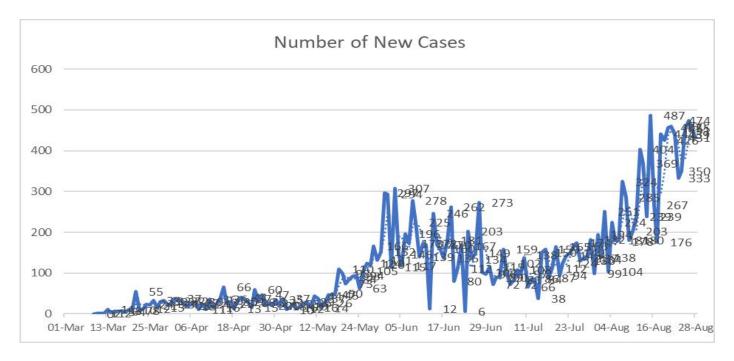
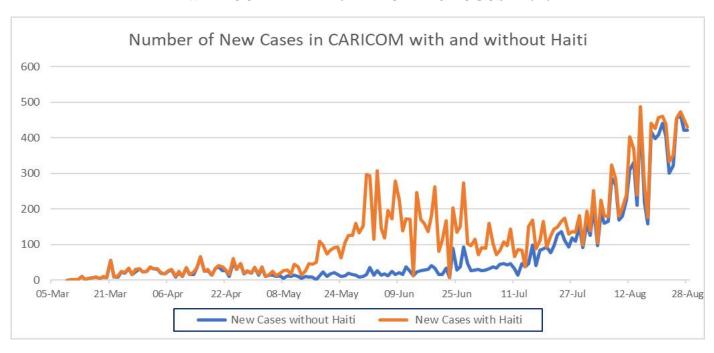


CHART 1C: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - WITH AND WITHOUT HAITI - 10 MARCH - 28 AUGUST 2020



Note: The total number of new cases for the period 22-28 August is 2933 as compared to 2714 (adjusted) during the last reporting period 15-21 August, an increase of 219. Trinidad and Tobago had the highest number of new cases, with 690, 23.5 percent of the total for CARICOM (approximately 16.2 percent for the previous period). Jamaica, had the second highest number of new cases with 665 (22.7 percent) followed by Suriname, 388 (13.2 percent), The Bahamas, 354 (12.1 percent), Guyana, 299 (10.2 percent), Belize with 222 (7.6 percent), Haiti with 145 (4.9 percent) and Turks and Caicos Islands, 143 (4.9 percent). The increasing trend in the number of new cases is evident in Charts 1B and 1C.

## CHART 1D: SUMMARY ALL COUNTRIES - NUMBER OF DEATHS - 10 MARCH - 28 AUGUST 2020

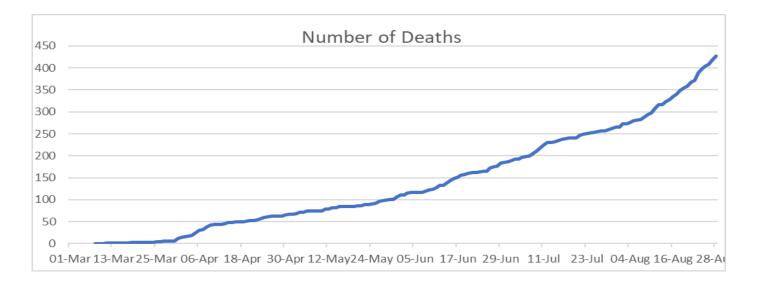
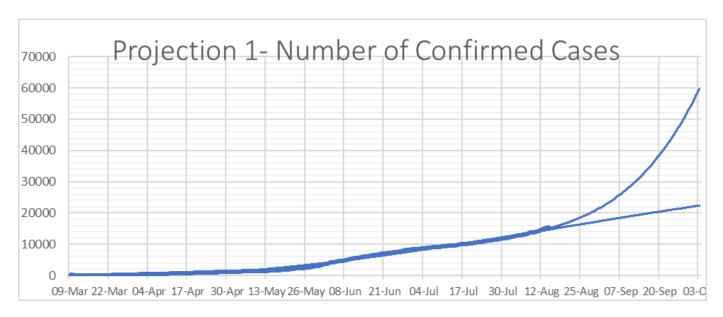


CHART 2: PROJECTION 1-ESTIMATED NUMBER OF CONFIRMED CASES EXTENDED TO SEPTEMBER 2020



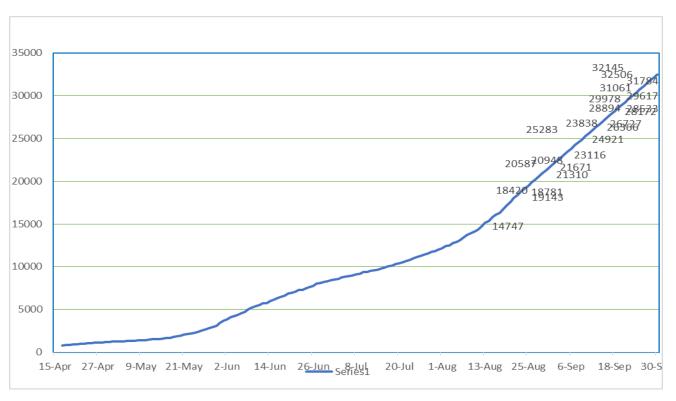
Note: The non-linear trendline gave a projected value for 28 August of 19,000. The actual value is 21,002 which is greater than to the projected value by 2002. The trend line has been updated and the projected value for 4 September is 24,000.

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 28 August was 21,669. The actual value is 21,002 which is relatively close to the projected value, a difference of 667. The projected value for 4 September is 25,831.

## CHART 2B: PROJECTION BASED ON 50 DAY DOUBLING PERIOD- UP TO SEPTEMBER 2020



Note: The projected value for 28 August was 20,587 as compared to the actual value of 21,002, which is very close to the projected value - a difference of 415. The projected value for 4 September is 23,116

. 8161

Total Confirmed

Cases: 21,002

CHMMADV OF DEATHS

**3848** 

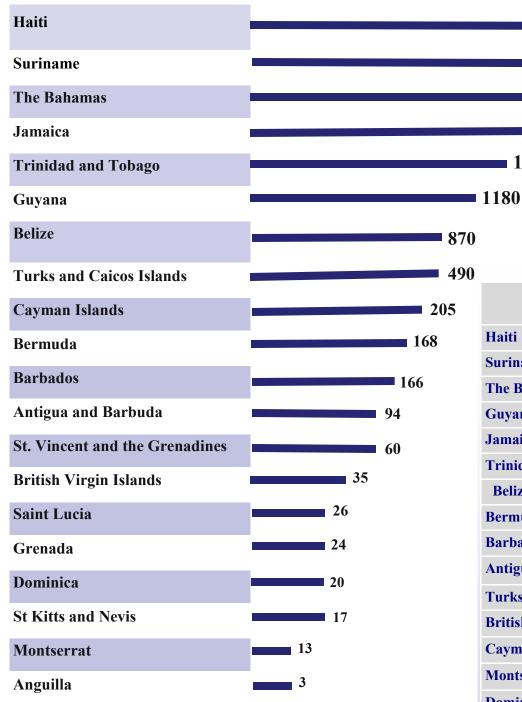
2057

**2011** 

1554

#### **Special Topic Bulletin - COVID 19**

#### **SUMMARY OF CONFIRMED CASES AS AT 14 AUGUST 2020**



Note: The number of confirmed cases in Haiti is 8161, which is about twice the number of confirmed cases for Suriname (second place) that has 3848 cases. The Bahamas (third) has 2057 cases followed by Jamaica (fourth) with 2011 cases. All of these countries have 2000+ cases. Trinidad and Tobago has now surpassed Guyana to be in fifth place with 1554 cases. Guyana (sixth) has 1180 cases. Belize (seventh) has 870 cases, with Turks and Caicos Islands following with 490. The Bahamas had and additional 23 deaths, Suriname had 12 additional deaths, Belize and Trinidad and Tobago each had 7, Haiti had 5, Guyana, 4, Jamaica had 3 and Turks and Caicos Islands had 1 additional death, contributing to an increase of 60 deaths for the reporting period. Not included in the total deaths are 7 deaths for The Bahamas and 1 for Jamaica that are classified as non-Covid-19 related deaths of confirmed cases.

AS AT 14 AUGUST 2020					
Country	Number of Deaths				
Haiti	201				
Suriname	66				
The Bahamas	50				
Guyana	35				
Jamaica	19				
Trinidad and Tobago	19				
Belize	12				
Bermuda	9				
Barbados	7				
Antigua and Barbuda	3				
Turks and Caicos Islands	3				
<b>British Virgin Islands</b>	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				

Total Deaths: 427

TABLE 2: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION IN CARICOM –SELECTED COUNTRIES– 17 JULY – 28 AUGUST

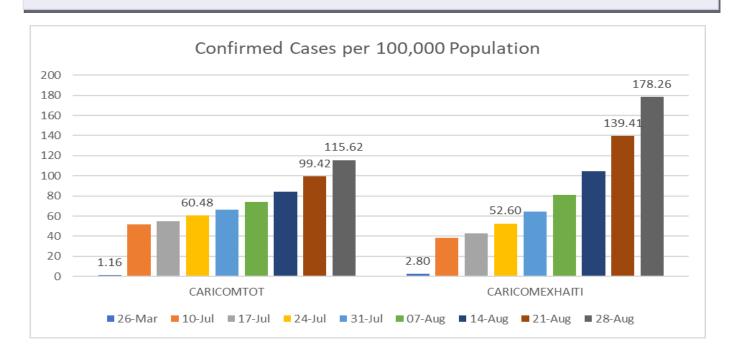
				DATE			
COUNTRY	17-Jul	24-Jul	31-Jul	07-Aug	14-Aug	21-Aug	28-Aug
CARICOM -ALL COUNTRIES	55.23	60.48	66.26	73.97	84.53	99.42	115.62
CARICOM EXCLD HAITI	42.83	52.60	64.19	81.26	104.74	139.41	178.26
ANTIGUA AND BARBUDA	79.99	86.30	95.78	96.83	97.88	98.93	98.93
THE BAHAMAS	33.83	82.87	150.53	217.66	293.45	446.61	539.44
BARBADOS	37.87	39.33	40.05	50.25	53.89	57.17	60.44
BERMUDA	237.60	239.16	243.85	245.42	248.54	261.05	262.61
DERMODA	257.00	257.10	243.03	243,42	240.34	201.03	202.01
BELIZE	10.05	12.06	12.06	36.68	97.48	162.79	218.57
CAYMAN ISLANDS	308.45	308.45	308.45	308.45	308.45	311.49	311.49
CUNIANA	12.10	4= =0		<b>-0</b> (0)	0= =0	110.00	150.01
GUYANA	43.18	47.50	55.74	72.60	87.58	118.89	159.24
HAITI	60.89	63.07	64.95	66.44	68.44	70.24	71.52
	00.05	02.07	01156	00111	00111	70121	7102
JAMAICA	28.16	28.16	32.19	36.19	39.67	49.35	73.73
SAINT LUCIA			13.97	13.97	13.97	14.53	14.53
CT VINCENT AND THE CREAT DIVING	21.52	46.07	40.75	E0 45	E1 05	50.05	<b>7.4.07</b>
ST VINCENT AND THE GRENADINES	31.53	46.85	48.65	50.45	51.35	52.25	54.05
SURINAME	161.75	223.84	292.62	377.87	486.79	593.48	660.03
TRINIDAD & TOBAGO	10.01	10.45	12.43	16.55	31.34	63.57	114.33
TURKS AND CAICOS ISLANDS	181.60	222.76	276.03	411.62	663.44	840.19	1186.44

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

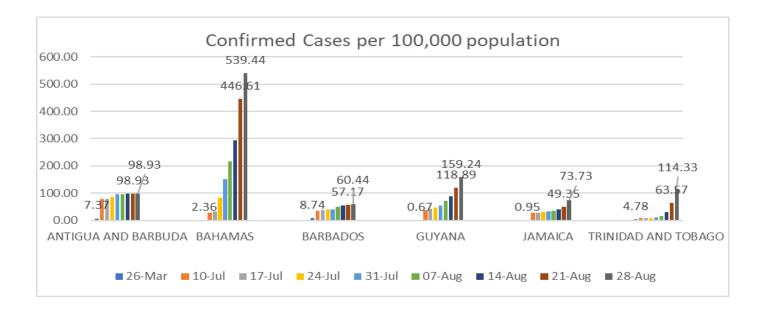
Of the countries with 25 + confirmed cases, the top five countries for the number of confirmed cases per 100,000 population as at 28 August are: Turks and Caicos Islands (1186.44), Suriname (660.03), The Bahamas (539.44), Cayman Islands (311.49) and Bermuda (262.61). Belize follows with 218.57.88, Guyana is on 159.29. Haiti's rate is 71.52. Montserrat (less than 25 confirmed cases) not shown in this table has the sixth highest rate with 260 cases per 100,000 population.

Information on the number of confirmed cases per 100, 000 population can be requested. Please check previous Issues for rates for earlier periods.

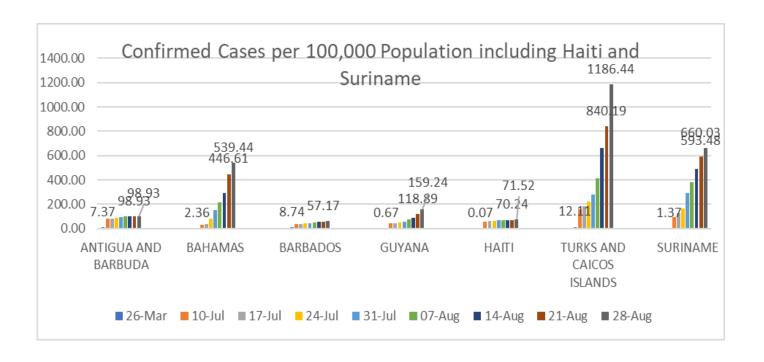
#### CHART 3: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION-CARICOM WITH AND WITHOUT HAITI 26 MARCH-14 AUGUST 2020



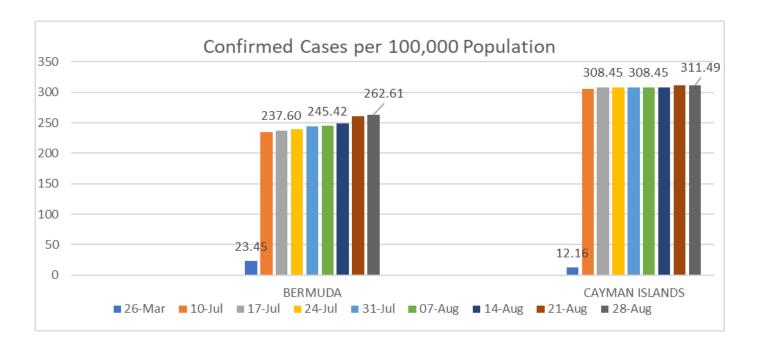
## CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES 26 MARCH – 28 AUGUST 2020



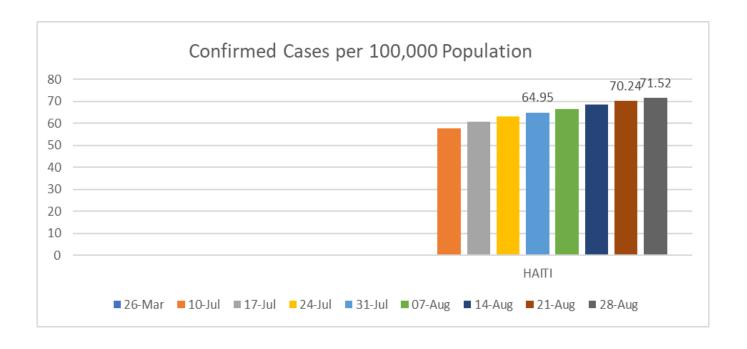
## CHART 3B: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES (WITH HAITI AND SURINAME) 26 MARCH- 28AUGUST 2020



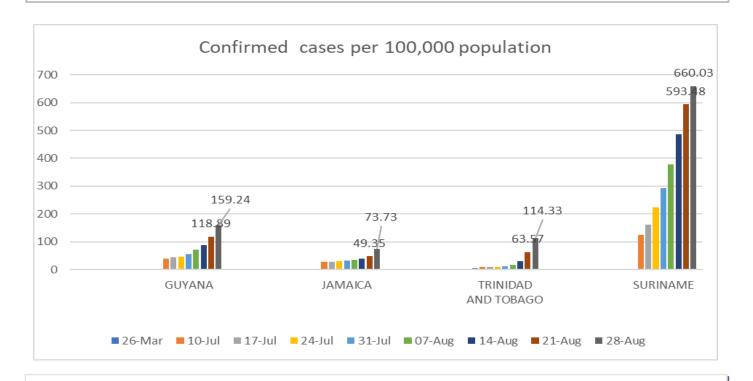
## CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS -26 MARCH – 28 AUGUST 2020



#### CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION-HAITI - 26 MARCH- 28 AUGUST 2020



#### CHART 3E: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION GUYANA, JAMAICA, TRINIDAD AND TOBAGO AND SURINAME 26 MARCH- 28 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- 28 AUGUST 2020

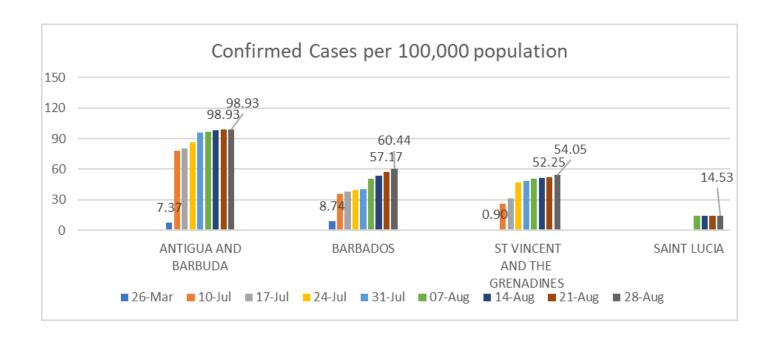


TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION 17 JULY – 28 AUGUST 2020

				DATE			
	17-Jul	24-Jul	31-Jul	07-Aug	14-Aug	21-Aug	28-Aug
CARICOM - ALL COUNTRIES	1.31	1.39	1.46	1.56	1.78	2.02	2.35
CARICOM EXCL. HAITI	1.29	1.36	1.44	1.55	1.82	2.37	3.14
ANTIGUA AND BARBUDA	3.16	3.16	3.16	3.16	3.16	3.16	3.16
THE BAHAMAS	2.88	2.88	3.67	3.67	4.46	7.08	13.11
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	0.75	1.26	3.01
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	2.56	2.70	2.70	2.97	2.97	4.18	4.72
HAITI	1.27	1.35	1.41	1.50	1.68	1.72	1.76
JAMAICA	0.37	0.37	0.37	0.48	0.51	0.59	0.70
MONTSERRAT	20.00	20.00	20.00	20.00	20.00	20.00	20.00
SURINAME	3.26	3.95	4.46	4.97	7.03	9.61	11.32
TRINIDAD & TOBAGO	0.59	0.59	0.59	0.59	0.74	0.88	1.40
TURKS AND CAICOS ISLANDS	4.84	4.84	4.84	4.84	4.84	4.84	7.26

**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.

## TABLE 3A: DEATHS AS A PERCENTAGE OF THE NUMBER OF CONFIRMED CASES— CASE FATALITY RATES –17 JULY – 28 AUGUST

	Date							
COUNTRY	17-Jul	24-Jul	31-Jul	07-Aug	14-Aug	21-Aug	28-Aug	
CARICOM-ALL COUNTRIES	2.4	2.3	2.2	2.1	2.1	2.0	2.0	
ANTIGUA AND BARBUDA	3.9	3.7	3.3	3.3	3.2	3.2	3.2	
THE BAHAMAS	8.5	3.5	3.0	1.7	1.5	1.6	2.4	
BARBADOS	6.7	6.5	6.4	5.1	4.7	4.5	4.2	
BERMUDA	5.9	5.9	5.8	5.7	5.7	5.4	5.4	
BELIZE	5.0	4.2	4.2	1.4	0.8	0.8	1.4	
BRITISH VIRGIN ISLANDS	12.5	12.5	12.5	11.1	11.1	9.1	2.9	
CAYMAN ISLANDS	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
GUYANA	5.9	5.7	4.8	4.1	3.4	3.5	3.0	
HAITI	2.1	2.1	2.2	2.3	2.5	2.4	2.5	
JAMAICA	1.3	1.2	1.1	1.3	1.3	1.2	0.9	
MONTSERRAT	9.1	8.3	7.7	7.7	7.7	7.7	7.7	
SURINAME	2.0	1.8	1.5	1.3	1.4	1.6	1.7	
TRINIDAD & TOBAGO	5.9	5.6	4.7	3.6	2.3	1.4	1.2	
TURKS AND CAICOS ISLANDS	2.7	2.2	1.8	1.2	0.7	0.6	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.

#### CHART 4: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-ALL COUNTRIES-CASE FATALITY RATES AS AT 28 AUGUST 2020

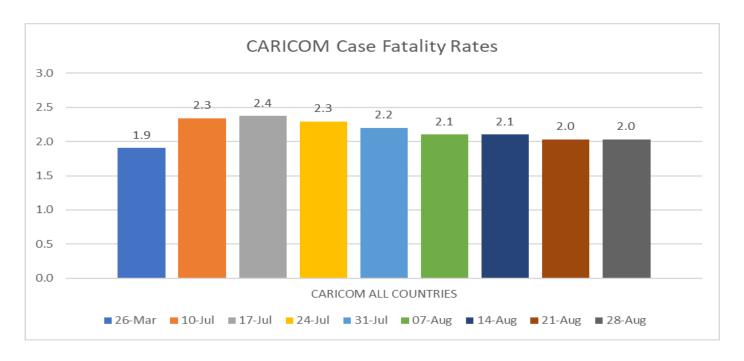
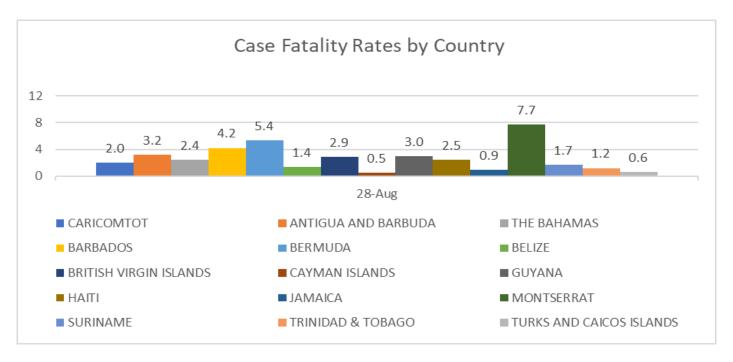
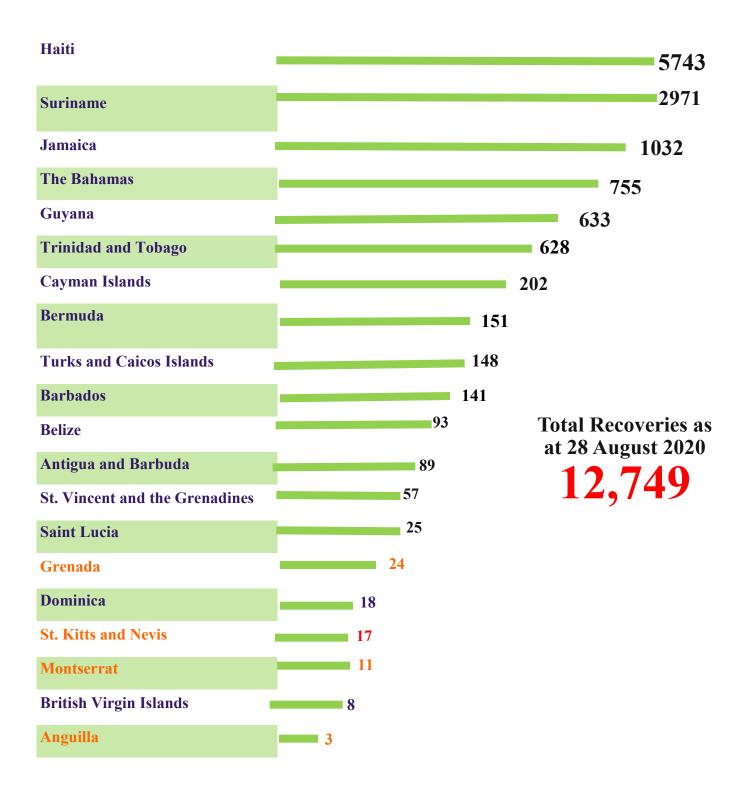


CHART 4A: CARICOM—ALL COUNTRIES- CASE FATALITY RATES 26 MARCH - 28 AUGUST



#### **SUMMARY OF RECOVERED CASES AS AT 28 AUGUST 2020**



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

TABLE 4: NUMBER OF CONFIRMED CASES, RECOVERIES, ACTIVE CASES, NUMBER OF TESTS CONDUCTED AND HOSPITALISATIONS AS AT 28 AUGUST

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPI- TALISAT IONS
Haiti	8161	5743	2217	23112	185
Suriname	3848	2971	811	8975	157
Jamaica	2011	1032	888	56404	66
The Bahamas	2057	755	1245	10917	80
Guyana	1180	633	512	7811	
Trinidad and Tobago Cayman Islands	1554 205	628 202	907	22937 35195	182
Bermuda Bermuda	168	151	8	42710	0
Turks and Caicos Islands	490	148	338	2367	2
Barbados	166	141	18	16538	
Belize	870	93	765	7622	
Antigua and Barbuda	94	89	2	1863	
St Vincent and the Grenadines	60	57	3	3315	
Saint Lucia	26	25	1	5427	
Grenada	24	24	0	1125	0
Dominica	20	18	2	2077	
St Kitts and Nevis	17	17	0	1564	0
Montserrat	13	11	0	240	0
British Virgin Islands	35	8	26	2853	
Anguilla	3	3	0	483	0
Total	21,002	12,749	7,746	253,535	

**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 28 August.

The following countries <u>had no active cases</u> in past reporting periods and now have active cases: **British Virgin** Islands (26), Dominica (2), Saint Lucia (1) Cayman Islands (3) Bermuda (8), St Vincent and the Grenadines (3), Barbados (18), Trinidad and Tobago (907), Turks and Caicos Islands (338), Belize (765) and Suriname (811).

Antigua and Barbuda has 2 active cases, The Bahamas 1245, Guyana, 512, Jamaica, 888 and Haiti, 2217

Table 5: NUMBER OF TESTS AND RATE PER 100,000 POPULATION – AS AT 28 AUGUST 2020

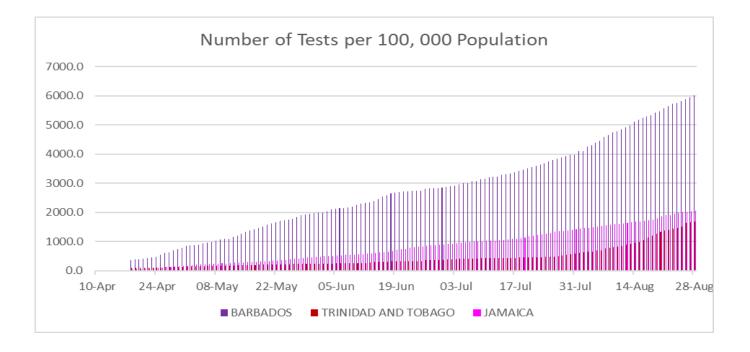
COUNTRY	NO. OF TESTS	NO. OF TESTS PER 100,000
Anguilla	483	3220.0
Antigua and Barbuda	1863	1960.8
Bahamas	10917	2862.9
Barbados	16538	6021.9
Belize	7622	1914.8
Bermuda	42710	66762.5
British Virgin Islands	2853	9787.0
Cayman Islands	35195	53477.3
Dominica	2077	2884.7
Grenada	1125	1009.3
Guyana	7811	1054.1
Haiti	23112	202.5
Jamaica	56404	2068.0
Montserrat	240	4800.0
Saint Lucia	5427	3031.8
St Kitts and Nevis	1564	2950.9
St Vincent and the Grenadines	3315	2986.5
Suriname	8975	1539.5
Trinidad and Tobago	22937	1687.5
Turks and Caicos Islands	2367	5731.2

Note: The top five countries based on the number of tests per 100,000 population are: Bermuda, (66,762.5) Cayman Islands (53,477.3), British Virgin Islands (9787.0), Barbados (6021.9) and Turks and Caicos Islands (5731.2) 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.

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

#### 18 APRIL - 28 AUGUST 2020



## CHART 5A: NUMBER OF TESTS PER 100, 000 POPULATION- CAYMAN ISLANDS 27 APRIL— 28 AUGUST 2020

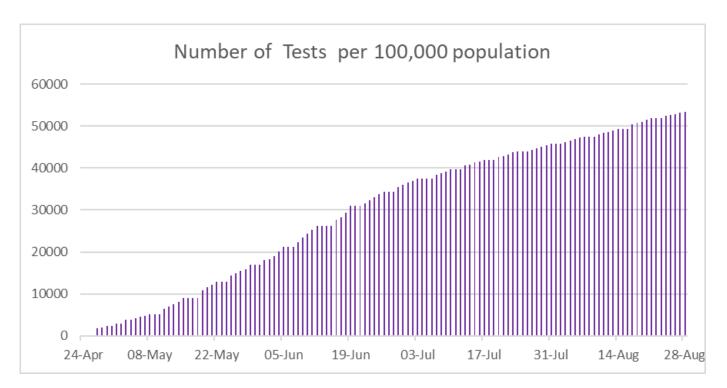


CHART 5B: NUMBER OF RECOVERIES - BARBADOS 18 APRIL - 28AUGUST 2020

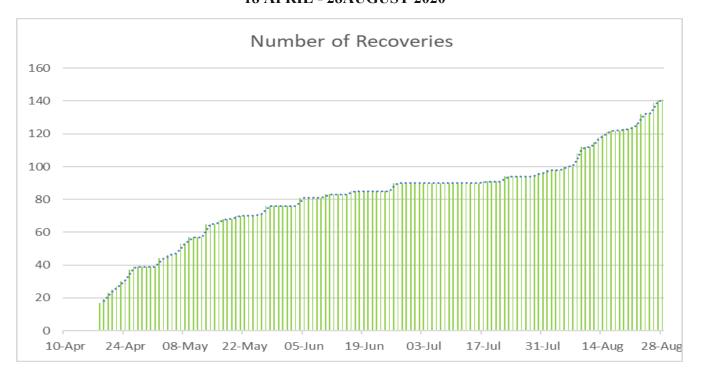


CHART 5C: NUMBER OF ACTIVE CASES - BARBADOS 18 APRIL - 28 AUGUST 2020

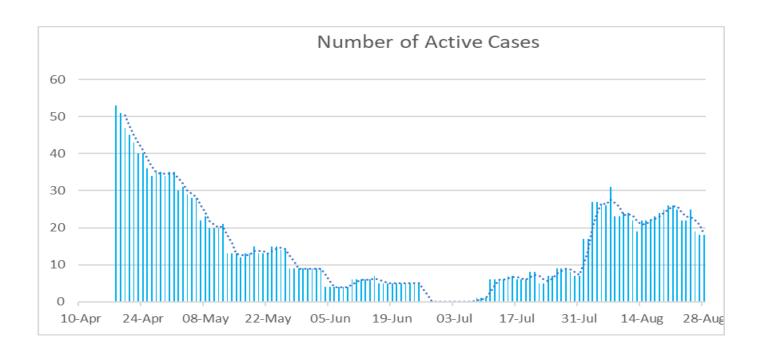


CHART 5D: NUMBER OF TESTS CONDUCTED - BARBADOS

18 APRIL - 28 AUGUST 2020

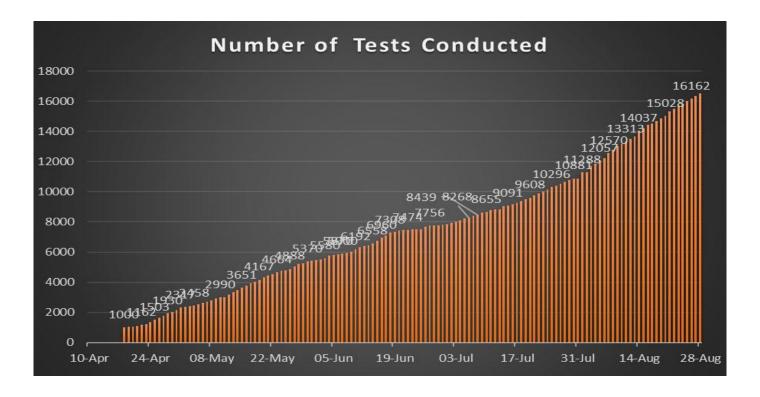


CHART 5E: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - BARBADOS

18 APRIL - 28 AUGUST 2020

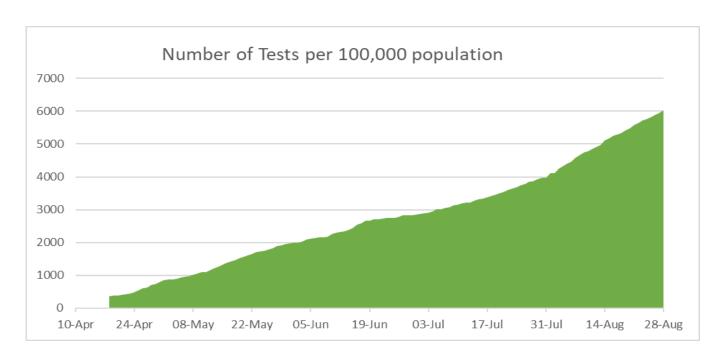


CHART 5F: NUMBER OF RECOVERIES - JAMAICA 18 APRIL- 28 AUGUST 2020

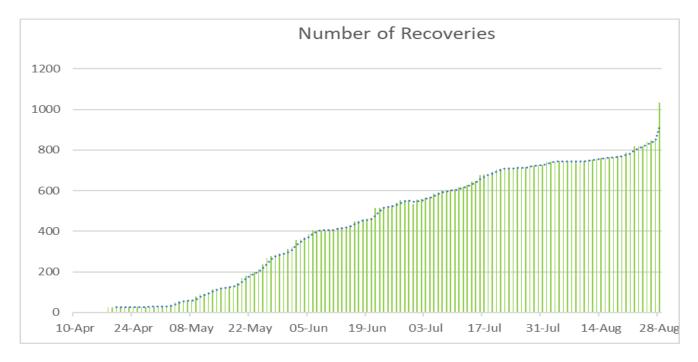
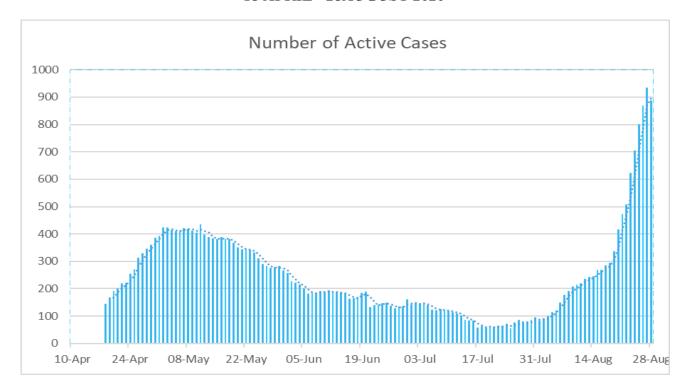


CHART 5G: NUMBER OF ACTIVE CASES - JAMAICA 18 APRIL - 28AUGUST 2020



## CHART 5H: NUMBER OF TESTS CONDUCTED - JAMAICA 18 APRIL - 28 AUGUST 2020

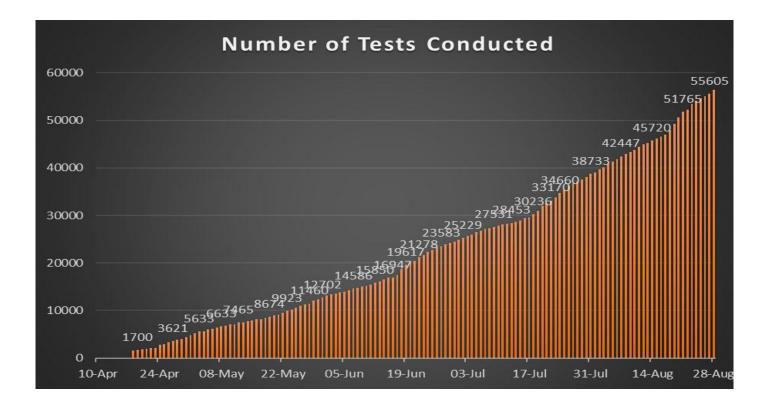


CHART 5I: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - JAMAICA 18 APRIL - 28 AUGUST 2020

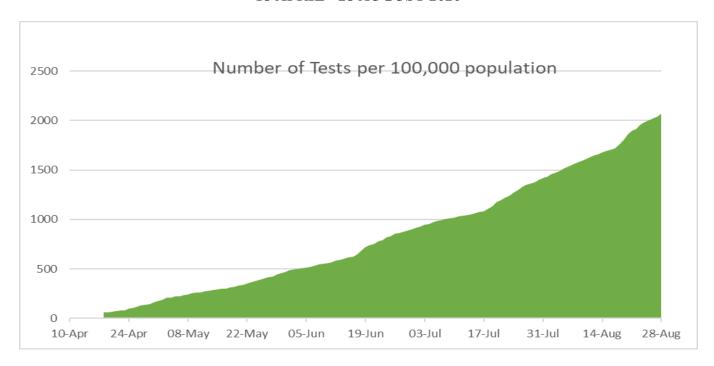
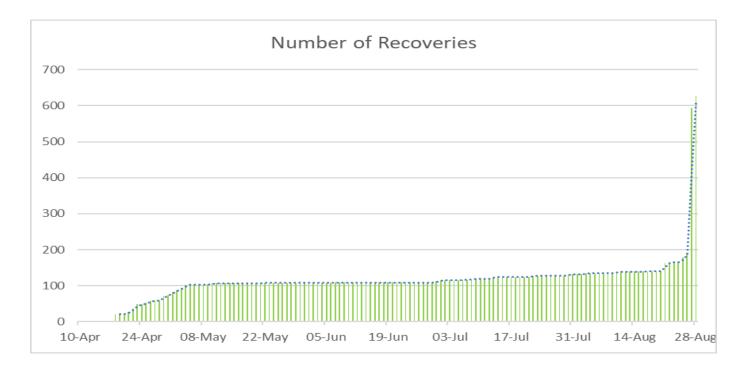
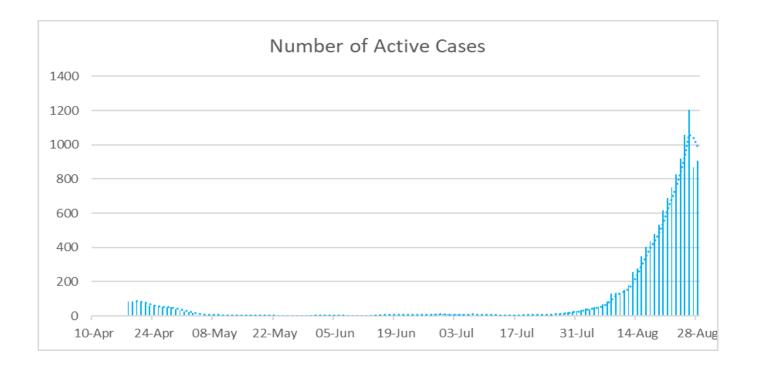


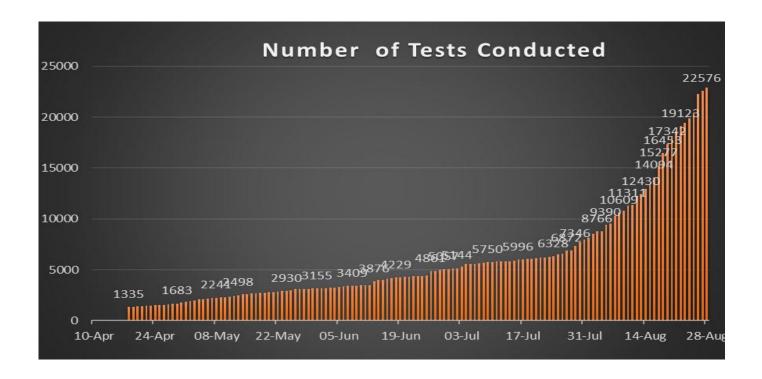
CHART 5J: NUMBER OF RECOVERIES - TRINIDAD AND TOBAGO 18 APRIL - 28 AUGUST 2020



#### CHART 5K: NUMBER OF ACTIVE CASES- TRINIDAD AND TOBAGO 18 APRIL - 28 AUGUST 2020



#### CHART 5L: NUMBER OF TESTS CONDUCTED - TRINIDAD AND TOBAGO 18 APRIL - 28 AUGUST 2020



## CHART 5M: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - TRINIDAD AND TOBAGO 18 APRIL - 28 AUGUST 2020

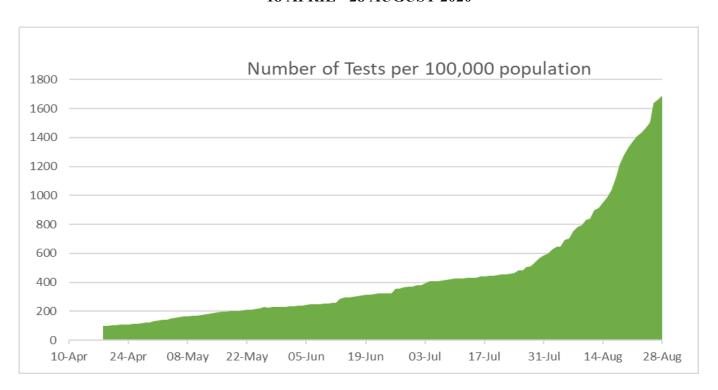


CHART 5N: NUMBER OF RECOVERIES - BERMUDA 18 APRIL - 28 AUGUST 2020

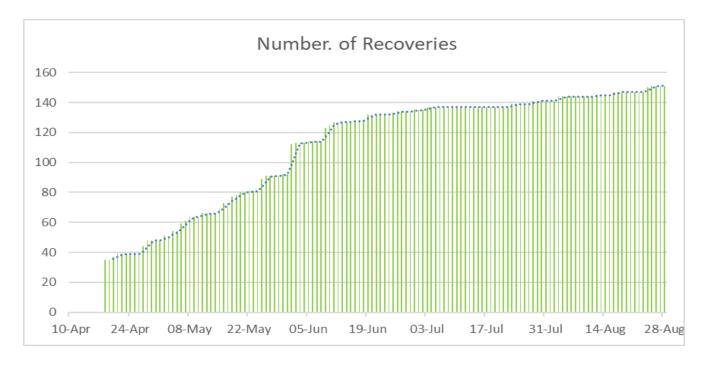


CHART 50: NUMBER OF ACTIVE CASES - BERMUDA 18 APRIL - 28 AUGUST 2020

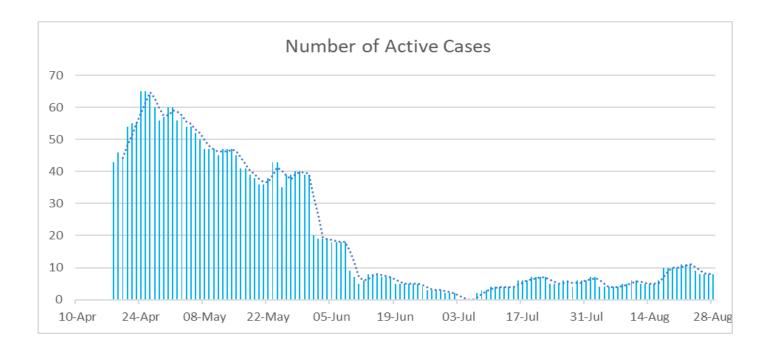


CHART 5P: NUMBER OF TESTS CONDUCTED - BERMUDA 18 APRIL - 28 AUGUST 2020

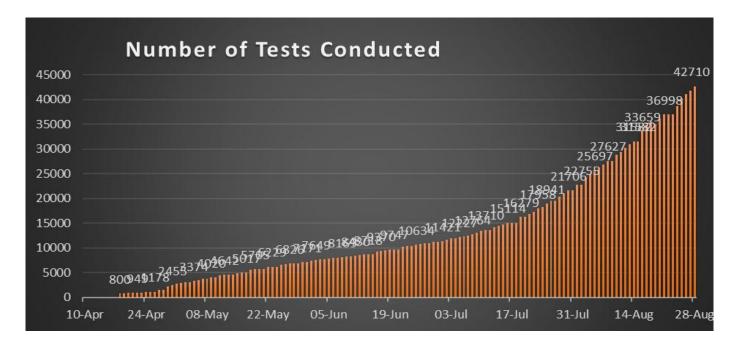


CHART 5Q: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - BERMUDA 18 APRIL - 28 AUGUST 2020

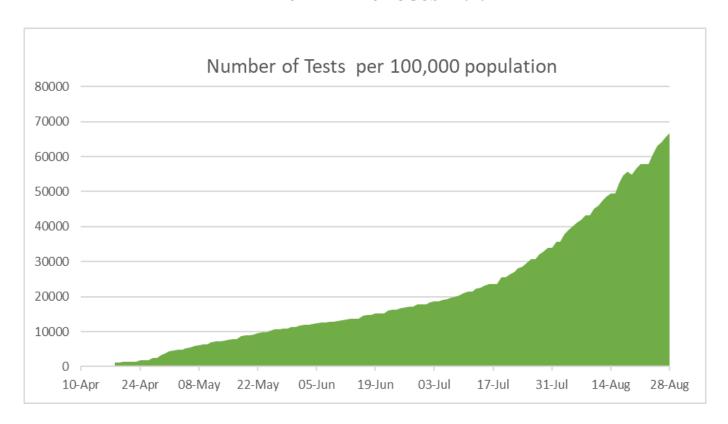


TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 28 AUGUST 2020

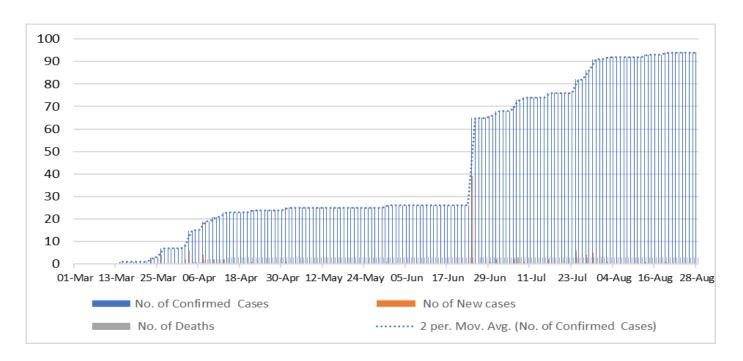
Country	Imported Transmission	Local Transmission	Community/ LT Unknown	Under Investigation
	0	Local		Inventoring
Trinidad and Tobago <sup>e</sup>	114	185	1	194
Guyana <sup>e</sup>	4	1176	0	0
Bermuda	61	86	19	2
Jamaica	444	807	189	571
St. Vincent and the Grenadines	53	7	-	-
Belize <sup>e</sup>	47	357	2	46
Antigua and Barbuda	69	25		
Haiti <sup>e</sup>	152	8009		

Note: Column 3 shows a combination of Community Transmission and Local/Unknown Transmission i.e. with no Epidemiological Link. However, 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.

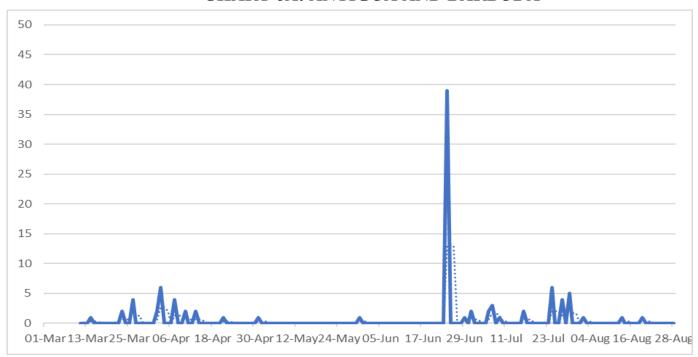
TABLE 7: CONFIRMED CASES BY SEX - SELECTED COUNTRIES AS AT 28 AUGUST 2020

Country	İ		Not Stated
Haiti	4758	3403	
Jamaica	903	1108	
Guyana	581	599	
Belize	485	385	
Trinidad and Tobago <sup>e</sup>	761	793	
Cayman Islands	107	98	
Barbados	82	84	
Bermuda <sup>e</sup>	79	89	

#### **CHART 6: ANTIGUA AND BARBUDA**

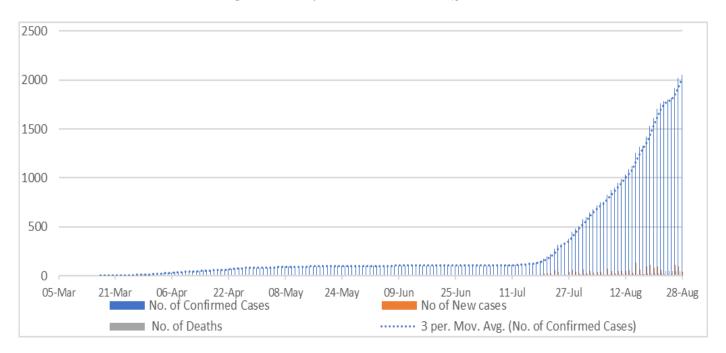


#### **CHART 6A: ANTIGUA AND BARBUDA**

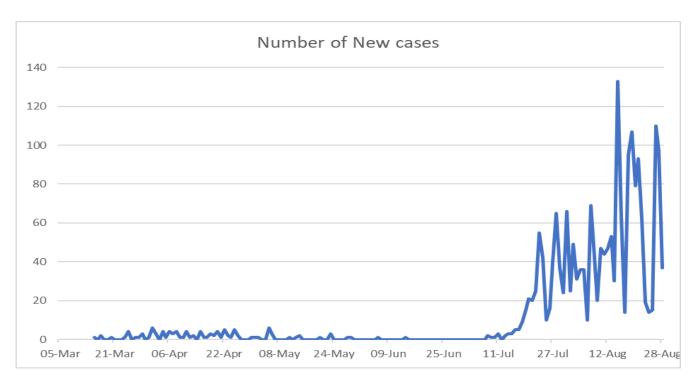


Note: Antigua and Barbuda had no new cases during the current reporting period 22-28 August as compared to 1 new case during the last reporting period 15-21 August. The total number of cases stood at 94 as at 28 August, with 2 active cases

#### **CHART 7: THE BAHAMAS**

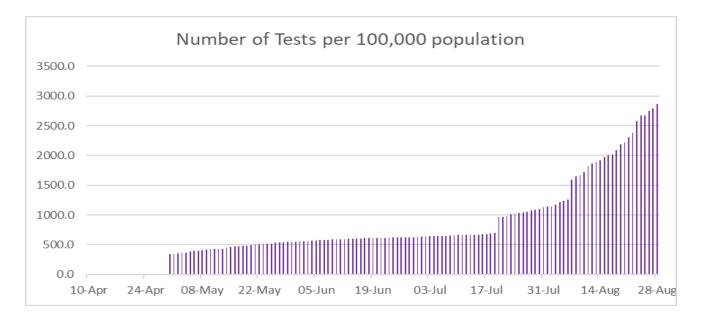


#### **CHART 7A: THE BAHAMAS**

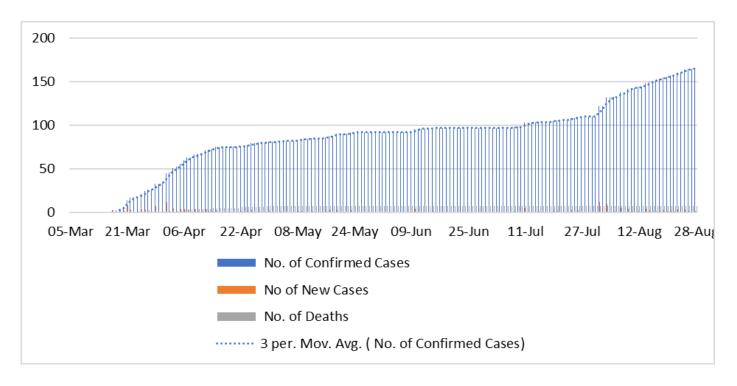


Note: The Bahamas had 354 new cases for the current reporting period 22-28 August as compared to 584 during 15-21 August, 289 new cases during 8-14 August, 256 new cases during 1-7 August and 258 for the period, 25-31 July. The number of confirmed cases increased to 2057 as at 28 August, crossing the 2000 mark, with active cases increasing to 1245 (from 1450-the last reporting period) and deaths at 50 (+23). There are now 7 deaths of COVID-19 patients that are classified as non-COVID-19 related deaths and are therefore not included in the 50 deaths. The substantial increase in the number of new cases for The Bahamas from early July is evident in Chart 7A.

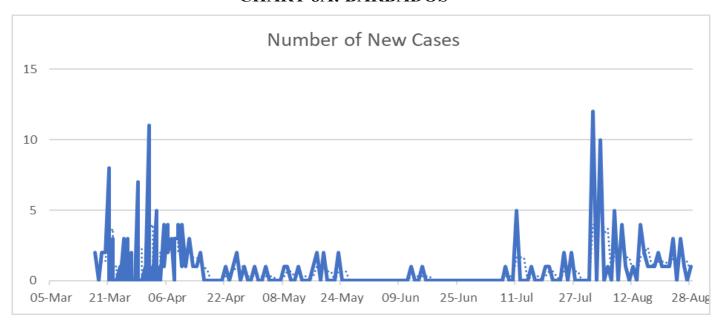
#### **CHART 7B: THE BAHAMAS**



**CHART 8: BARBADOS** 

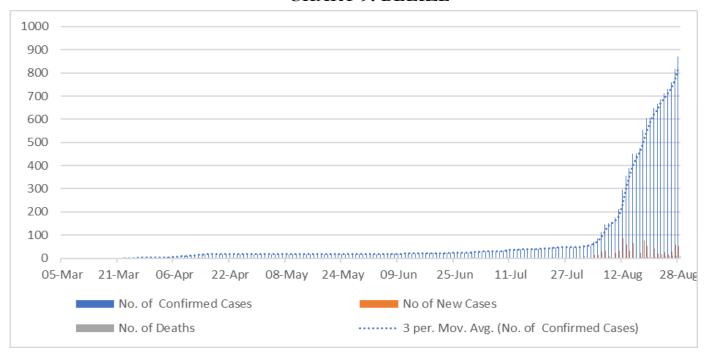


#### **CHART 8A: BARBADOS**

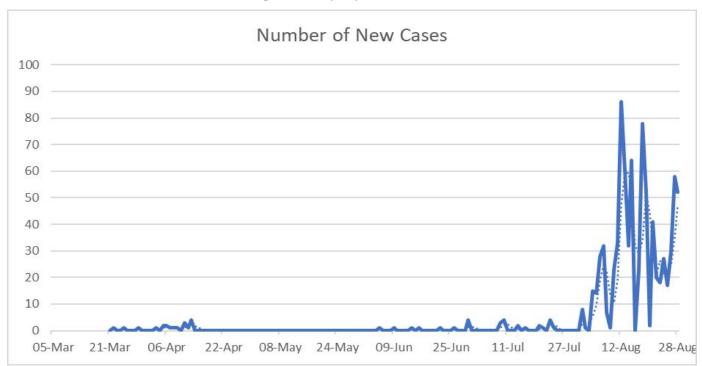


Note: Barbados had 9 new cases during the current reporting period, 22-28 August, which was the same as for 15-21 August. The number of confirmed cases stood at 166 as at 28 August with 18 active cases. The increase in the number of new cases from mid-July is evident in Chart 8A.

**CHART 9: BELIZE** 



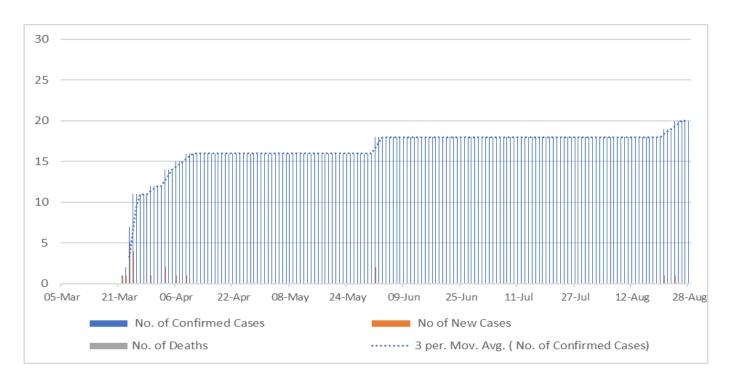
#### **CHART 9A: BELIZE**



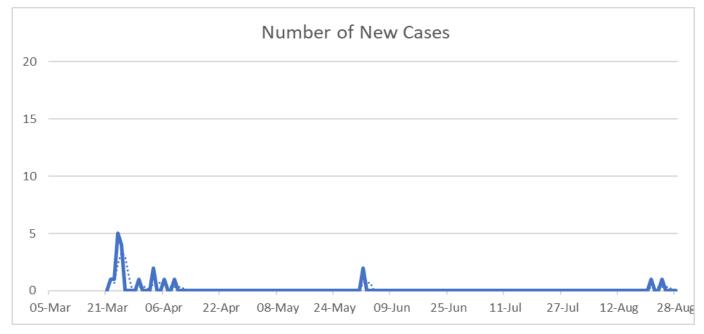
Note: Belize had 354 new cases during the current reporting period 22-28 August, as compared to 260 new cases during 15-21 August and 242 new cases during 8-14 August. The number of confirmed cases increased to 870 with 765 active cases and 12 deaths (+7). The increase in the number of new cases is evident in Chart 9A.

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#### **CHART 10: DOMINICA**

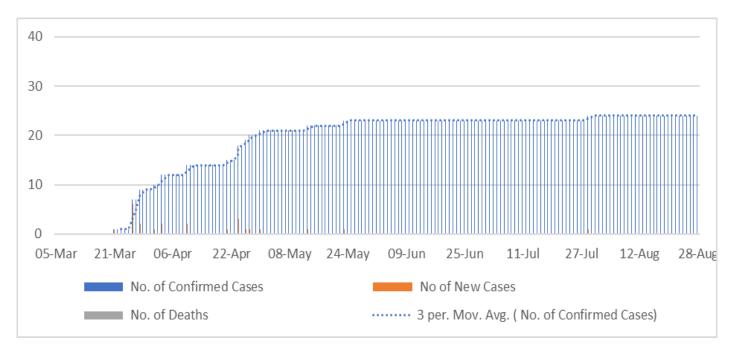


### **CHART 10A: DOMINICA**

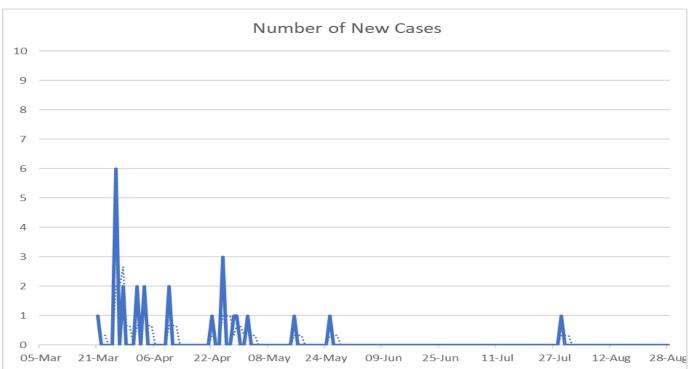


Note: Dominica had 1 new case during the current reporting period 22-28 August similar to the last reporting period, 15-21 August. These new cases came after a long period of about 80 days with no new cases. The number of cases stood at 20 as at 28 August with 2 active cases.

**CHART 11: GRENADA** 

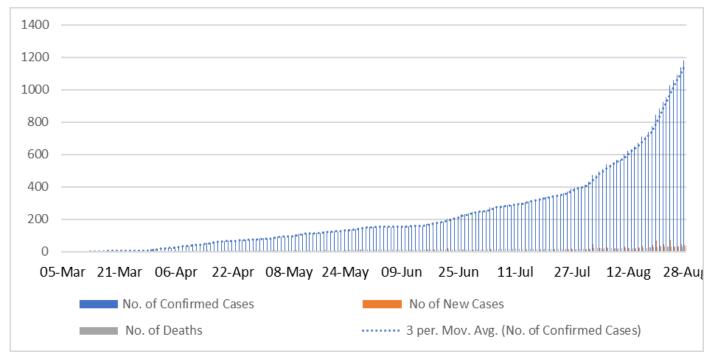


#### **CHART 11A: GRENADA**

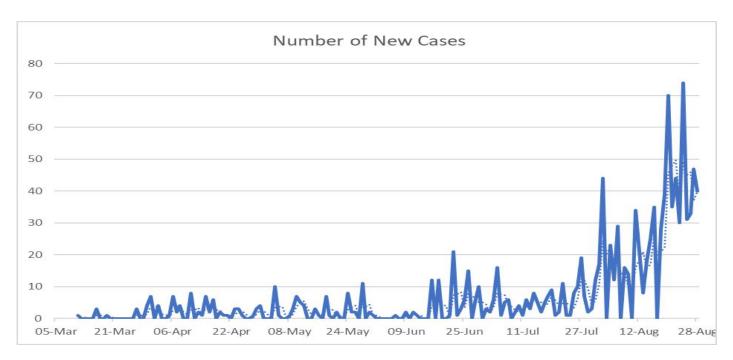


Note: Grenada had no new cases during the current reporting period 22-28 August similar to the last three reporting periods The number of cases stood at <u>24</u> with no active cases.

**CHART 12: GUYANA** 

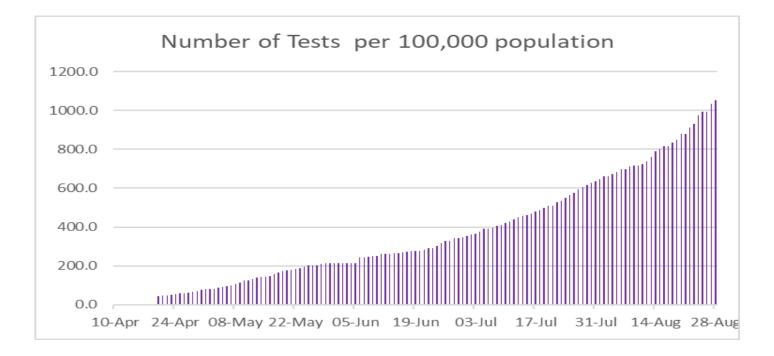


#### **CHART 12A: GUYANA**

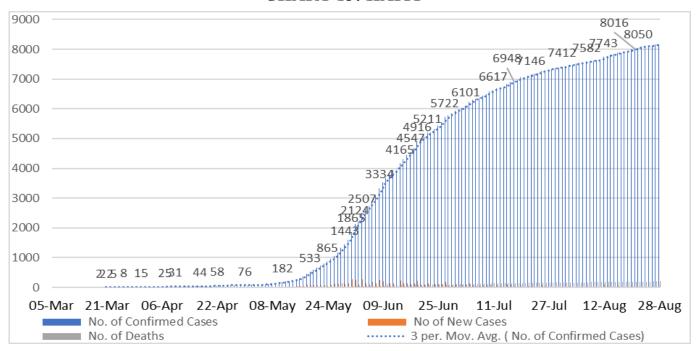


Note: In Guyana, there were 299 new cases during the current reporting period 22-28 August as compared to 232 new cases during 15-21 August. The number of confirmed cases for Guyana increased to 1180 with 512 active cases and 35 deaths (+4). The increase in the number of new cases is evident in Chart 12A..

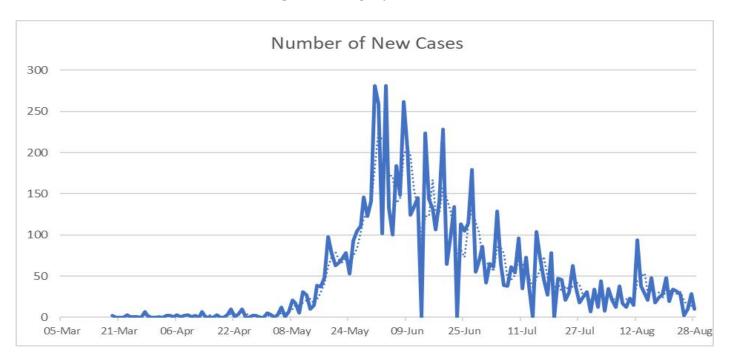
### **CHART 12B: GUYANA**



#### **CHART 13: HAITI**

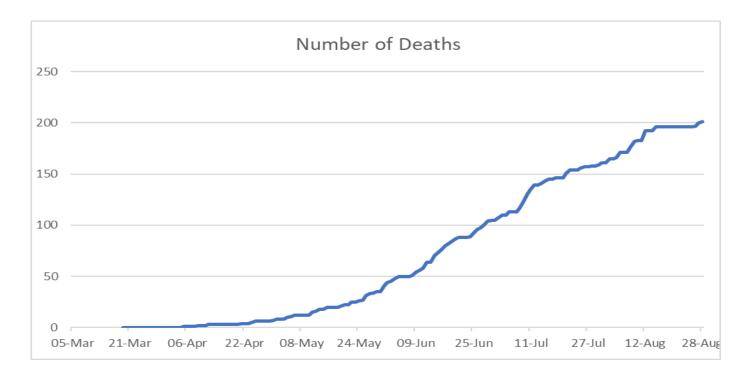


#### **CHART 13A: HAITI**

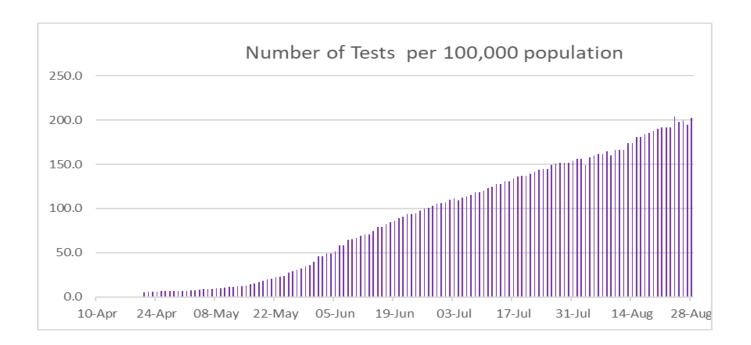


Note: Haiti had 145 new cases during the current reporting period, 22-28 August, as compared to 206 new cases during 18-21 August. The total number of confirmed cases stood at 8161 as at 28 August with active cases at 2217. The number of deaths increased by 5 and is 201 as at 28 August. The general declining trend for Haiti in the number of new cases is evident in Chart 13A.

**CHART 13B: HAITI** 



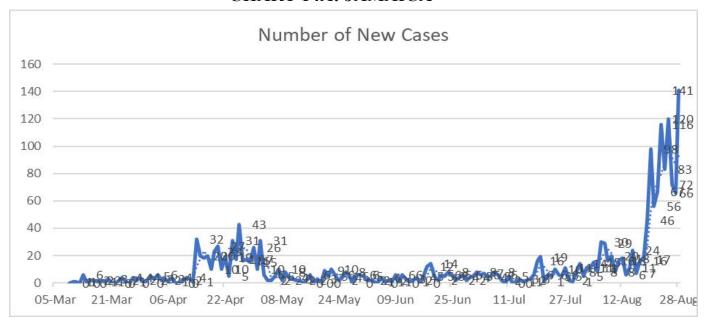
## **CHART 13C: HAITI**



**CHART 14: JAMAICA** 

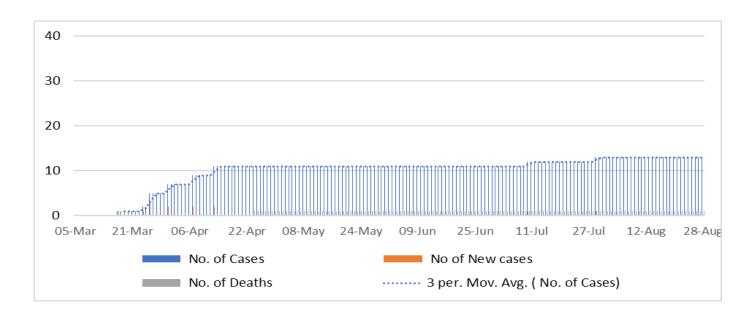


#### **CHART 14A: JAMAICA**

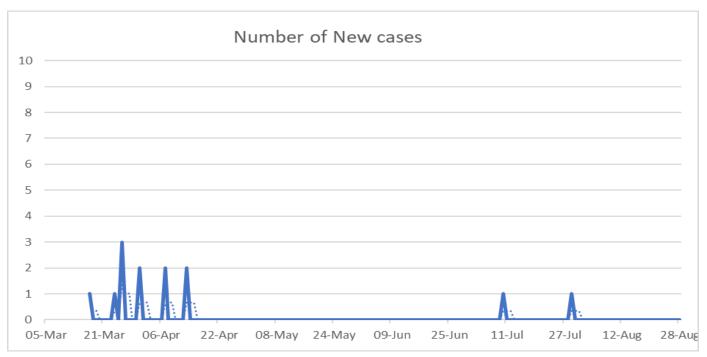


Note: Jamaica had 665 new cases during the current reporting period 22-28 August as compared to 264 new cases during 15-21 August. The total number of confirmed cases stood at 2011 with 888 active cases and 19 deaths (+3). The increasing trend in the number of new cases is evident in Chart 14A.

## **CHART 15: MONTSERRAT**

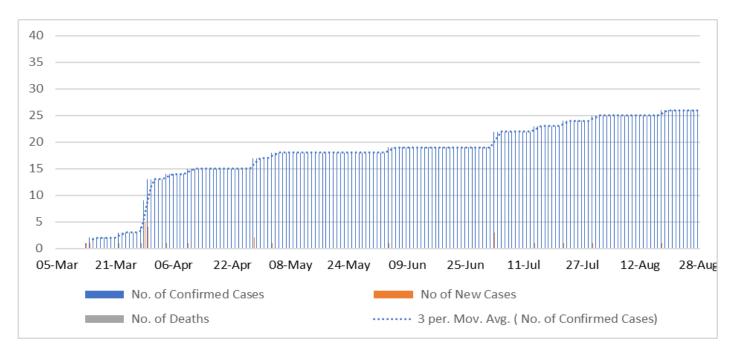


#### **CHART 15A: MONTSERRAT**

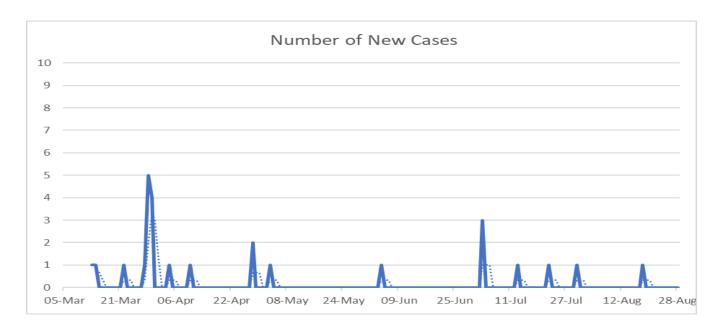


Note: There were no new cases in Montserrat during the current reporting period 22-28 August, similar to the past three reporting periods, 15-21 August. 8-14 August and 1-7 August. The number of confirmed cases stood at 13 with no active cases.

**CHART 16: SAINT LUCIA** 

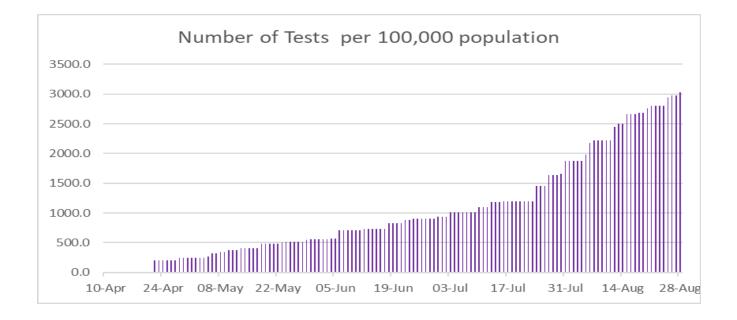


#### **CHART 16A: SAINT LUCIA**

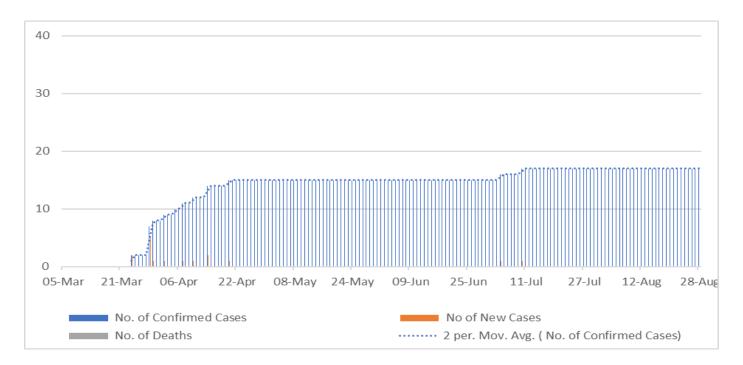


Note: There were no new cases in Saint Lucia during the current reporting period, 22-28 August, as compared to one new case during 15-21 August. The number of confirmed cases stood at 26 with one active case.

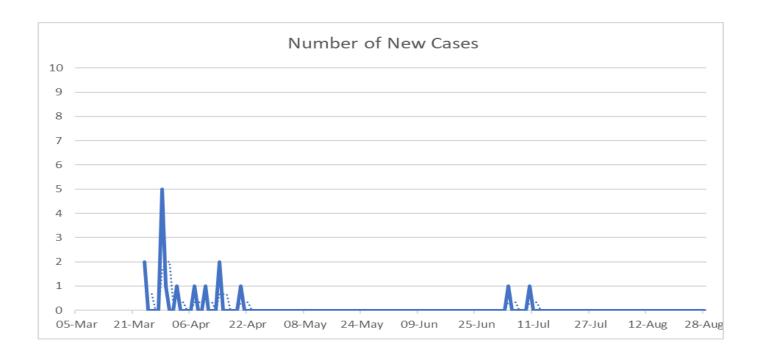
## **CHART 16B: SAINT LUCIA**



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

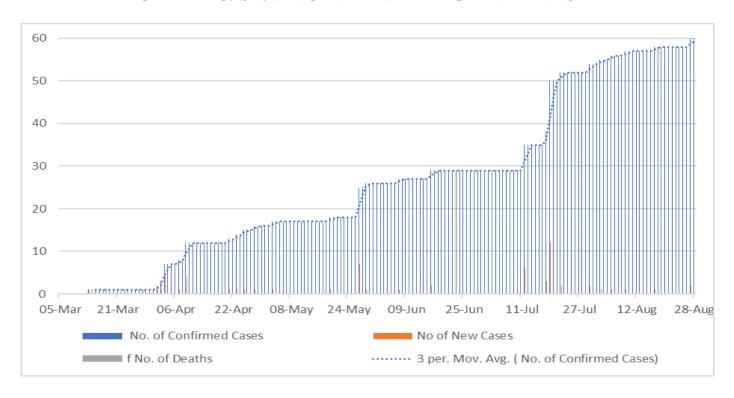


#### **CHART 17A: ST. KITTS AND NEVIS**

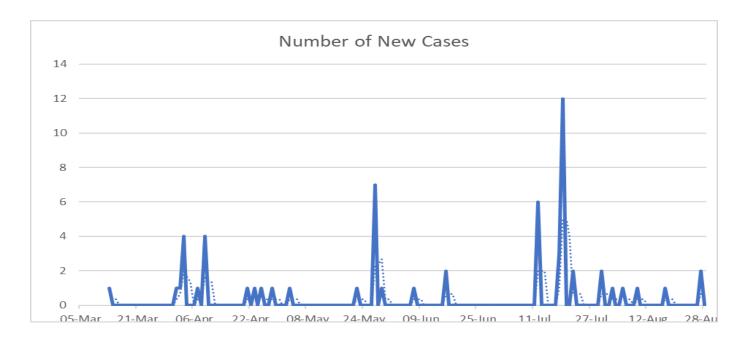


Note: There were no new cases in St Kitts and Nevis during the current reporting period 22-28 August, similar to the past three reporting periods, 15-21 August, 8-14 August and 1-7 August. The number of confirmed cases stood at 17 with no active cases.

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

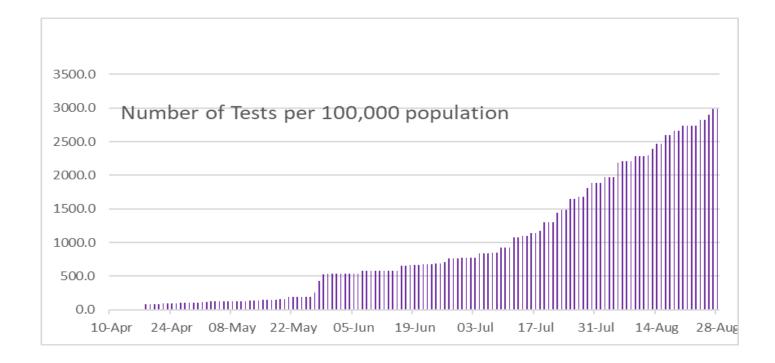


#### **CHART 18A: ST. VINCENT AND THE GRENADINES**

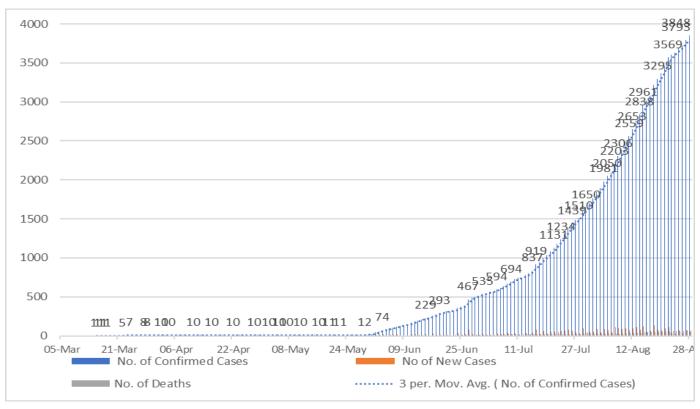


Note: There were two new cases was in St Vincent and the Grenadines during the current reporting period, 22=28 August as compared to one new case during 15-21 August. The number of confirmed cases in St Vincent and the Grenadines as at 28 August was 60 with 3 active cases.

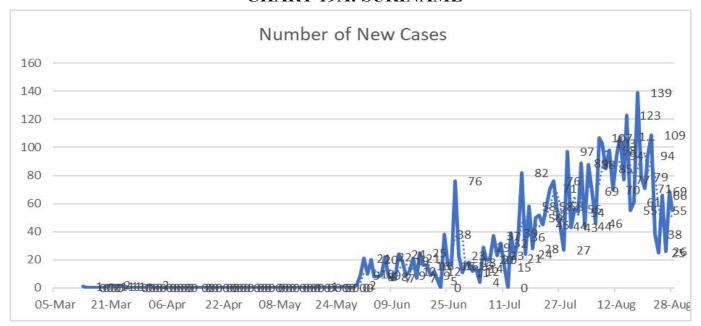
### **CHART 18B: ST. VINCENT AND THE GRENADINES**



#### **CHART 19: SURINAME**

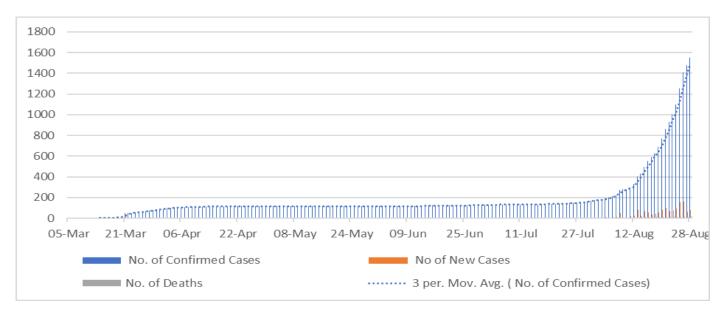


#### **CHART 19A: SURINAME**

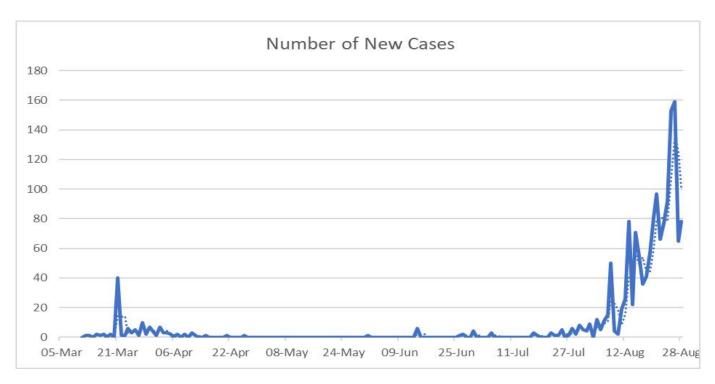


Note: Suriname had 388 new cases during the current reporting period 22-28 August, just over half of the number of cases, 622, during 15-21 August. The number of confirmed cases for Suriname stood at 3848 with 811 active cases and 66 deaths (+10). The increasing trend in the number of new cases is evident in Chart 19 A. However the number of new cases appears to be decreasing.

#### CHART 20: TRINIDAD AND TOBAGO -TOTAL CONFIRMED CASES



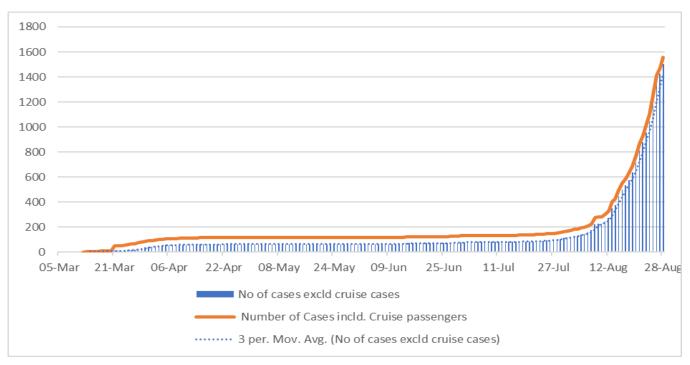
#### CHART 20A: TRINIDAD AND TOBAGO



Note: Trinidad and Tobago had 690 new cases during the current reporting period, 22-28 August, which was the highest number of new cases for this period (23.5 percent of the total new cases for CARICOM). There were 438 new cases during 15-21. The number of confirmed cases stood at 1554 with 907 active cases and 19 deaths (+7). The increasing trend in the number of new cases is evident in Chart 20A.

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#### CHART 20B: TRINIDAD AND TOBAGO - CRUISE PASSENGERS

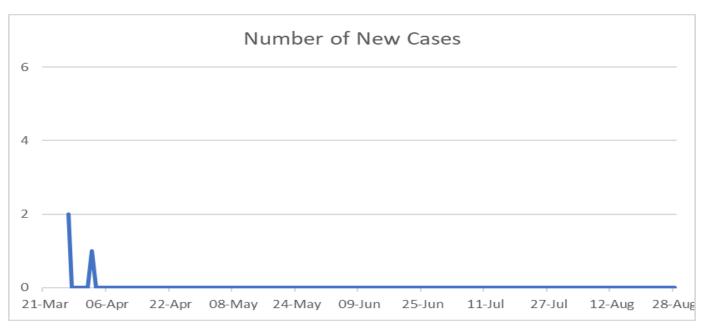


**Note**: The closing of the gap between the contribution to the total number of confirmed cases of the returning Cruise Ship passengers that tested positive around March and the number of cases excluding these passengers as seen in **Chart 20B**, reflects the substantial increase in the number of confirmed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

#### **CHART 21: ANGUILLA**

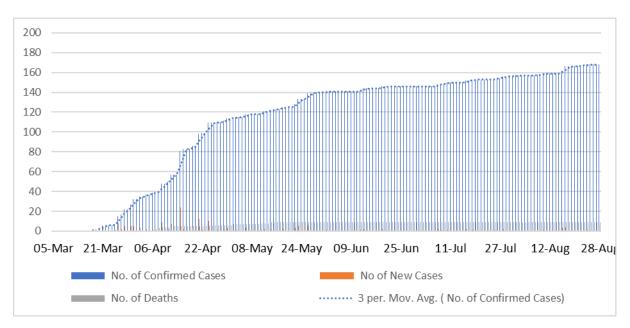


## **CHART 21A: ANGUILLA**

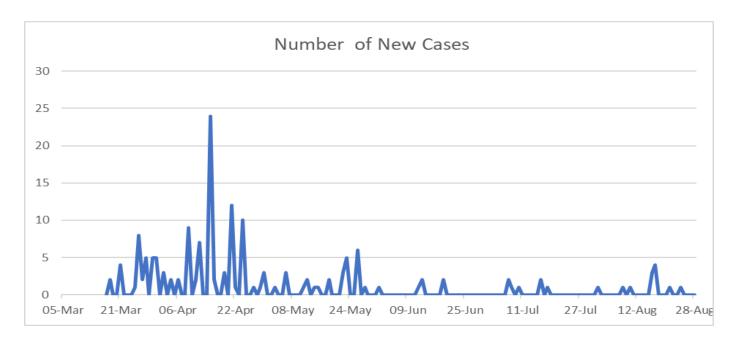


Note: The last positive case of COVID-19 in Anguilla was 2 April, a period of 148 days as at 28 August. The number of confirmed cases for Anguilla is  $\underline{3}$ .

**CHART 22: BERMUDA** 

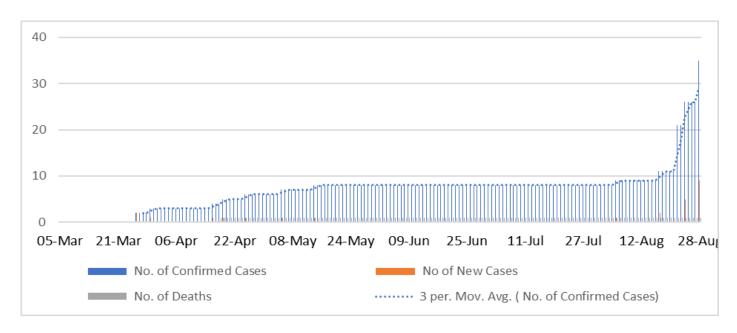


#### **CHART 22A: BERMUDA**

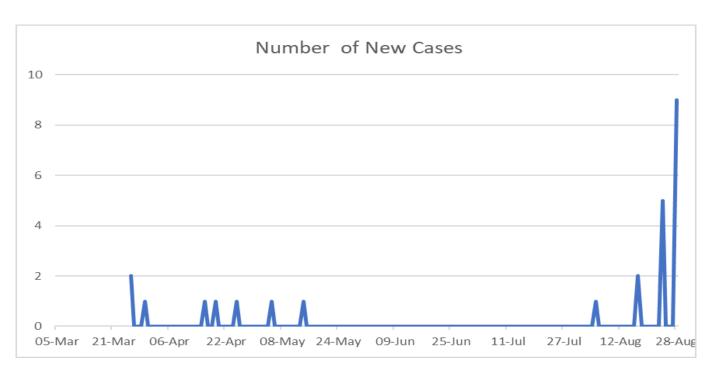


Note: Bermuda had 1 new case during the current reporting 22-28 August as compared to 8 new cases during 15-21 August. The number of confirmed cases for Bermuda stood at 167 as at 28 August with 8 active cases.

#### **CHART 23: BRITISH VIRGIN ISLANDS**

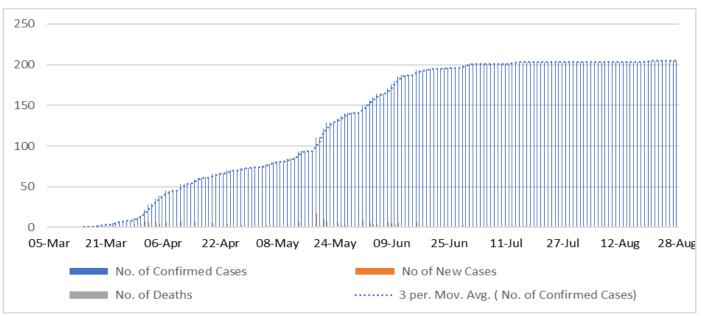


#### **CHART 23A: BRITISH VIRGIN ISLANDS**

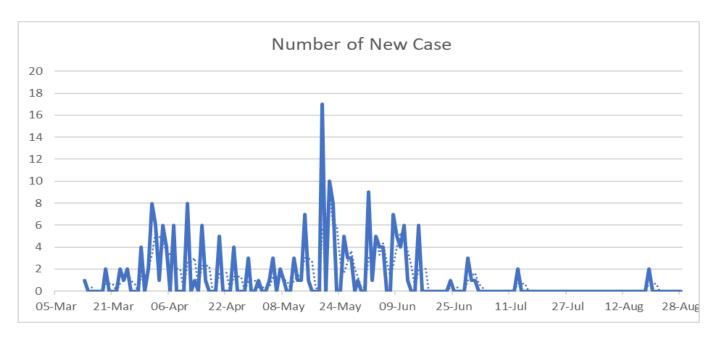


Note: In the British Virgin Islands, there were 14 new cases during the current reporting period, 22-28 August as compared to 10 new cases (adjusted) during 15-21 August. The total number of confirmed cases stood at 35 with 26 active cases.

**CHART 24: CAYMAN ISLANDS** 

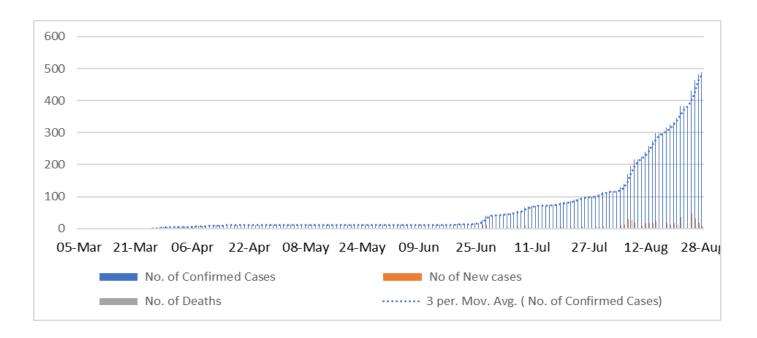


**CHART 24A: CAYMAN ISLANDS** 

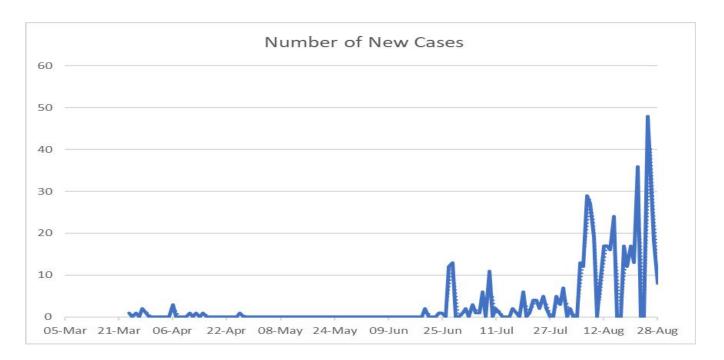


Note: There were no new cases in Cayman Islands during the current reporting period, 22-28 August as compared to 2 new cases during 15-21 August. The number of confirmed cases stood at 205 with 3 active cases.

**CHART 25: TURKS AND CAICOS ISLANDS** 



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



Note: Turks and Caicos Islands had 143 new cases during the current reporting period, 22-28 August as compared to 73 new cases during 15-21 August. The number of cases stood at 490 with 338 active cases. The increasing trend in the number of new cases is evident in Chart 25A.

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

COUNTRY	PERIOD	NO. OF CASES	NO. OF DAYS
ALL COUNTRIES	18 June 7 August	6633 13,436	50
With Haiti	15 July	2946	23
Without Haiti	7 August	5854	
With Haiti	25 June 14 August	7597 15,355	50
Without Haiti	24 July 14 August	3789 7545	21
With Haiti	25 June 14 August	7597 15,355	50
Without Haiti	7 July 21 August	9005 18,069	45
With Haiti	21 July 28 August	10,528 21,002	38 Rate: 1.99
Without Haiti	10 August 28 August	6470 12,841	18 Rate: 1.98
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
	12 August 28 August	1036 2057	16 Rate: 1.99
Suriname	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
	3 August 28 August	1893 3848	25 Rate: 2.03

#### DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

## The Bahamas

**Doubling (1.99) 16 days** 



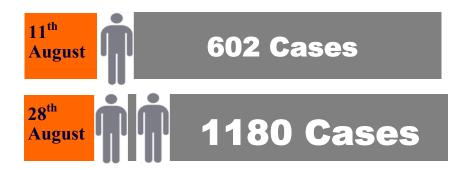
**Belize Doubling (1.92) 13 days** 

452 Cases

28<sup>th</sup>
August
870 Cases

# Guyana

**Doubling (1.96) 17 days** 



## Haiti

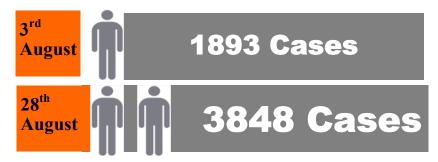
**Doubling (1.96) 75 days** 



#### DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

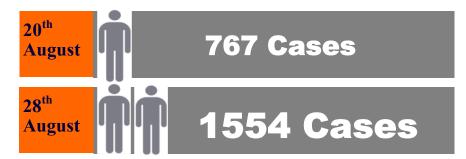
## **Suriname**

**Doubling (2.03) - 25 days** 



# Trinidad and Tobago

Doubling (2.03) 8 days



# **Turks and Caicos Islands**

Doubling (2.03) 16 days



**TABLE 9: EXPLANATIONS** 

Key Term/Issues	Explanation
Data on Testing	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.
	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.
	Why is data on testing needed?
	The simple answer is that without data on tests conducted on the COVID-19 we cannot possibly understand how the pandemic is progressing, and which contacts to trace and to quarantine.
Projections	The projections in this and previous Issues largely rely on using observed doubling rates, the rates of change of the latest period of data (prior to the estimation) or using fitted trend lines. No sophisticated modelling has been utilised.
	For example in the case of Chart 2, a linear projection is undertaken and the equation of that straight line is given as follows: $y = -103.42 + 25.045 x$
	Where y represents the number of confirmed cases and x the number of time periods from the commencement of the first case.
	Simply put, it is possible to use this equation to obtain predicted values. Assuming that it is necessary to calculate the number of predicted cases on the 29 <sup>th</sup> April as per the linear trend, the number of time periods (x- value) from the 10 March is roughly 50 so the predicted value works out as follows:
	$y_p = -103.42 + 25.045 \times 50 = 1252.25 -103.42 = 1148.83.$
	The actual value for this same period is 1178 confirmed cases.

**TABLE 9: EXPLANATIONS** 

Key Term/Issue	Explanation
Number of Cases per 100, 000 population	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.
	$Rate = \frac{No.of\ Confirmed\ Cases}{Total\ Population}\ x\ 100,\!000$
	It is useful for comparing countries/regions of varying population sizes
	For very small values/small populations these rates may be unstable.

#### **KEY REGIONAL AND INTERNATIONAL LINKS ON COVID-19**

CARICOM Today: <a href="https://today.caricom.org/covid19/regional/">https://today.caricom.org/covid19/regional/</a>

Regional Statistics Programme (RSP): <a href="http://statistics.caricom.org/covid19">http://statistics.caricom.org/covid19</a> bulletin.html

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

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

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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