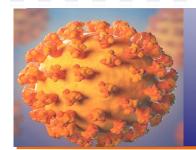
# Stats News www.



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

Issue 24, 4 September 2020

The Special Topic Statistical Bulletin on COVID 19 in CARICOM Countries Issue 24, provides an update of the trajectory of the COVID-19 in the CARICOM Region up to 4 September 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 Member States, Jamaica and Trinidad and Tobago have declared that there is Community spread of the virus. It is important to monitor Mode of Transmission. 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





JULY 2020								
Sun	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.		
26 <sup>th</sup> 11,290	27 <sup>th</sup> 11,427	28 <sup>th</sup> 11,561	29 <sup>th</sup> 11,743	30 <sup>th</sup> 11,842	31 <sup>st</sup> 12,036	•••••		
		SEPT	EMBER	2020				
		1 <sup>st</sup> 22,896	2 <sup>nd</sup> 23,385	3 <sup>rd</sup> 23,742		ay, 4 <sup>th</sup> 099		

#### **Doubling Rate With Haiti**

Total number of confirmed cases increased by

12.063

over **35 days** 31 July-4 Sept. 2020]

#### **Doubling Rate Without Haiti**

Total number of confirmed cases increased by

**7,762**over **20 days**15 Aug.(**8011**) - 4 Sept.(**15773**)



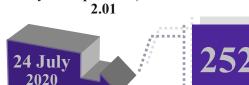




TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 25 JULY - 4 SEPTEMBER 2020

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
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	21005	434	427
29-Aug	21508	503	436
30-Aug	22019	511	440
31-Aug	22371	352	445
01-Sep	22896	525	466
02-Sep	23385	489	475
03-Sep	23742	357	490
04-Sep	24099	357	507

**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— 24 July 2020.

TABLE 1A: SUMMARY OF SELECTED VARIABLES BY COUNTRY AS AT 4 SEPTEMBER 2020

Country	Confirmed Cases	New Cases	Deaths	Recoveries	Active Cases	Tests Conducted
<b>Total Member States</b>	23,062	2,960	491	13,325	9,164	187,311
Antigua and Barbuda	95	1	3	91	1	1991
Bahamas	2476	419	70	948	1451	12541
Barbados	178	12	7	153	18	17979
Belize	1152	282	15	271	866	9073
Dominica	22	1	0	18	4	2077
Grenada	24	0	0	24	0	1125
Guyana	1416	236	44	844	528	9128
Haiti	8326	165	212	5870	2244	24035
Jamaica	2964	953	33	922	1935	62258
Montserrat	13	0	1	11	0	275
Saint Lucia	26	0	0	26	0	5835
St Kitts and Nevis	17	0	0	17	0	1635
St Vincent and the Grenadines	61	1	0	57	4	3917
Suriname	4252	404	75	3366	811	10750
Trinidad and Tobago	2040	486	31	707	1302	24692
<b>Total Associate Members</b>	1,037	134	16	596	424	91,245
Anguilla	3	0	0	3	0	662
Bermuda	175	7	9	158	8	48220
British Virgin Islands	63	26	1	10	52	3713
Cayman Islands	205	0	1	204	0	36000
Turks and Caicos Islands	591	101	5	221	364	2650
Total CARICOM	24,099	3,094	507	13,921	9,588	278,556

**Note:** For the **Mid-Week Update Issue 5, 1 September 2020**, the number of tests conducted for Guyana should have been <u>8,822</u> instead of 822, which implies changes in the total number of tests conducted—Member States/CARICOM.

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

[as at 4 September 2020]

The number of confirmed cases moved from 21,005 (adjusted) as at 28 August to 24,099 cases on 4 September. The number of deaths moved from 427 to 507. There were 3094 new cases (2936 new cases (adjusted) for the last period) and 80 new deaths (60 new deaths for the last period). Jamaica led in the number of new cases with 953, followed by Trinidad and Tobago with 486, The Bahamas, 419, Suriname, 404, Belize, 282, Guyana, 236, Haiti, 165 and Turks and Caicos Islands, 101.

Recoveries as at 4 September stood at 13,921 and active cases at 9588. As compared to 12,605 (adjusted) recoveries and 7893 (adjusted) active cases on 28 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>six (6) countries</u> with no active cases as at 4 September. The countries with no active cases are:- Anguilla, Cayman Islands, Grenada, Montserrat Saint Lucia and St. Kitts and Nevis.
- Three (3) countries Antigua and Barbuda (1), Dominica (4) and St Vincent and the Grenadines (4) 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 active cases
- One (1) country had greater than 25 but less than 100 active cases: British Virgin Islands (52), with one(1) country, Turks and Caicos Islands (364) having greater than 300 but less than 400 active cases.
- ♦ The remaining seven (7) countries had 500+ active cases: Guyana (528), Suriname (811), Belize (866), Trinidad and Tobago (1302), The Bahamas (1451) Jamaica (1935), and Haiti (2244).

#### Recoveries

- As mentioned earlier, there were <u>six countries</u> for which all active cases had recovered as at **4 September**.
- Among the other countries, Haiti had 5870 recoveries (71 percent of its total confirmed cases), Suriname, 3366 (79 percent), Jamaica, 922 (earlier period adjusted) (31 percent), The Bahamas, 948 (38 percent), Trinidad and Tobago 707 (35 percent), Turks and Caicos Islands, 221 (37 percent) and Cayman Islands, 204 (99.5 percent).

#### **Confirmed Cases**

- In absolute terms the countries with the highest numbers of Confirmed Cases are *Haiti*, 8326, Suriname, 4252, Jamaica, 2964, The Bahamas, 2476, Trinidad and Tobago, 2040, Guyana, 1416, Belize, 1152, Turks and Caicos Islands, 591, Cayman Islands, 205, Barbados 178 and Bermuda, 175.
- In rates per 100,000 population for countries with 25+ cases, <u>Turks and Caicos Islands is still in the lead with 1430.99</u>, followed by Suriname with 729.33, The Bahamas with 649.32, Cayman Islands with 311.49, and Belize with 289.41 completes the top five.
- The rate for *Bermuda that is now out of the top five* is 273.55, *Guyana*, 191.09, *Trinidad and Tobago*, 150.09 and *Haiti* is at 72.96. *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 4 September with 212, an increase of 11 from 28 August. Suriname is in second place with 75 (+9), followed by The Bahamas, 70 (+20) with an additional 7 non-covid-19 related causes of death for the confirmed cases, Guyana,44 (+9), Jamaica 33 (+14) and an additional 3 deaths from non-covid-19 causes for confirmed cases. Trinidad and Tobago 31 (+12), Belize, 15 (+3) and Turks and Caicos Islands 5 (+2).
- The number of deaths per 100,000 population is still the highest in *Montserrat* with 20 (1), The Bahamas is now in second place with, 18.36, Bermuda follows with 14.07 (9), Suriname, 12.86 followed by Turks and Caicos Islands, 12.11. The rate for Haiti is 1.86, Guyana 5.94, Jamaica 1.21, Trinidad and Tobago, 2.28 and Belize, 3.77.
- 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 5.1, Barbados, 3.9, Antigua and Barbuda, 3.2 (3) and Guyana, 3.1. Haiti is at 2.5 percent.

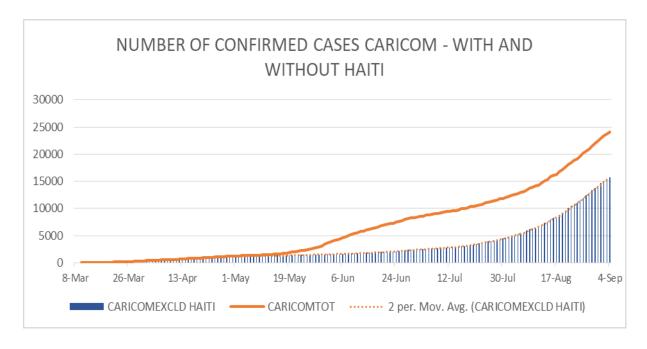
#### **Testing-** [Tracking the pandemic]

♦ Bermuda, with a rate per 100,000 of the number of tests conducted of 75,375.5 (48,220 tests), has the highest rate followed by Cayman Islands with 54,700.4 (36,000 tests), British Virgin Islands 12,737.1 (3713 tests), Barbados, 6546.6 (17,979 tests) and Turks and Caicos Islands with 6,416.5 (2650). Jamaica has conducted the highest number of tests with 62,258 but is in thirteenth place with 2282.6 tests per 100,000 population.

CHART 1: SUMMARY ALL COUNTRIES - NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS – 10 MARCH - 4 SEPTEMBER 2020



CHART 1A: NUMBER OF CONFIRMED CASES IN CARICOM—WITH AND WITHOUT HAITI
AS AT 4 SEPTEMBER 2020



Note: The number of confirmed cases moved from 21,005 (adjusted) as at 28 August to 24099 as at 4 September, increasing by 3094 cases, while the number of deaths moved from 427 to 507, an increase of 80.

CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - 10 MARCH - 4 SEPTEMBER 2020

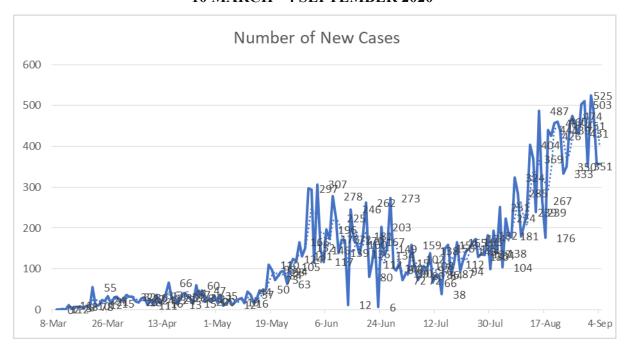
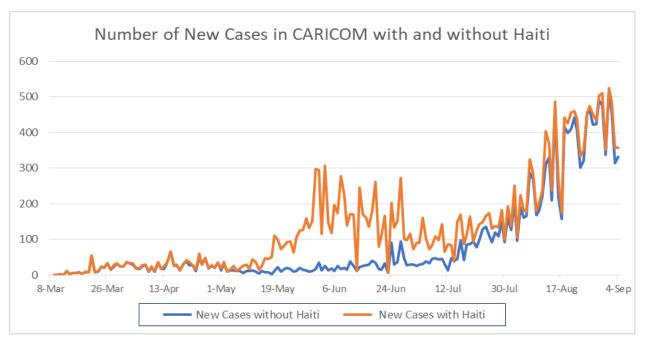
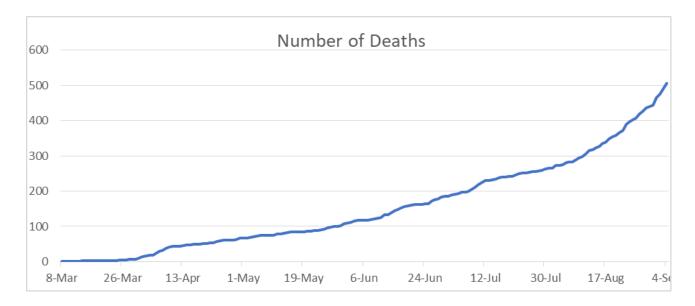


CHART 1C: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES - WITH AND WITHOUT HAITI - 10 MARCH - 4 SEPTEMBER 2020



Note: The total number of new cases for the period 29-August – 4 September is 3094 as compared to 2936 (adjusted) during the last reporting period 22-28 August, an increase of 158. Jamaica had the highest number of new cases, with 953 (30.8 percent of the total for CARICOM), followed by Trinidad and Tobago with 486, (15.7 percent), The Bahamas, 419 (13.5 percent), Suriname, 404, (13.1 percent), Belize with 282 (9.1 percent), Guyana, 236 (7.6 percent) Haiti with 165 (5.3 percent) and Turks and Caicos Islands, 101 (3.3 percent). The increasing trend in the number of new cases is evident in Charts 1B and 1C.

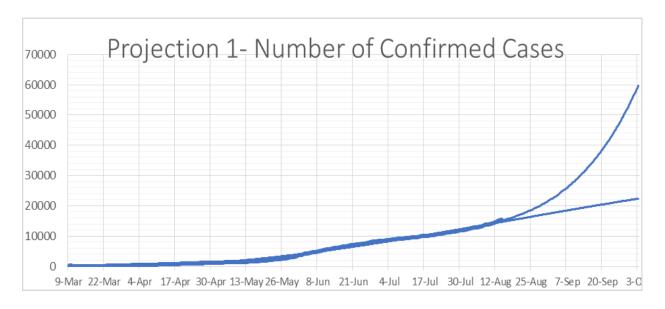
### CHART 1D: SUMMARY ALL COUNTRIES - NUMBER OF DEATHS - 10 MARCH - 4 SEPTEMBER 2020



Note: The total number of deaths this reporting period 29 August to 1 September is 507, an increase of 80 from the previous reporting period 22-28 August. Haiti leads with 212 deaths followed by Suriname with 75, The Bahamas with 70 (COVID-19 causes and under investigation), Guyana with 44 deaths, Jamaica with 33 (COVID-19 causes and under investigation), Trinidad and Tobago, 31 and Belize, 15.

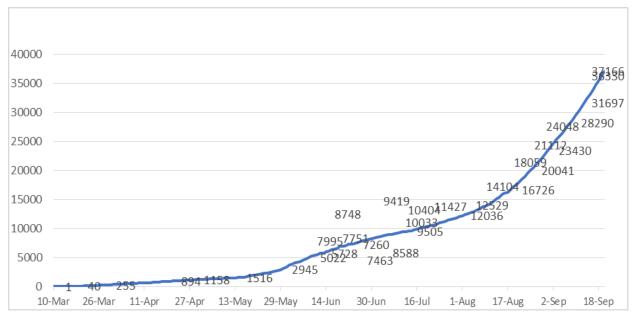
The number of deaths for **The Bahamas** includes **15 deaths** of COVID-19 patients that are classified as under investigation and excludes **7 deaths** that are classified as due to non-COVID-19 causes. This implies that a total **of 77 COVID-19 patients** have died in this Member State. The total number of deaths for Jamaica includes **3 deaths** that are classified as under investigation and excludes **3 deaths** that are stated to be due to non-COVID-19 causes, implying that **36 COVID-19 patients** have died in Jamaica as at **4 September**.

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



Note: The non-linear trendline gave a projected value of 4 September of 24,000. The actual value is 24,099, a difference of 99, which is effectively "spot-on". The projected value for 11 September is 27,000.

## 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 4 September was 25, 831. The actual value is 24,099, a difference of 1732 which is relatively close to the projected value, The projected value for 11 September is 30,288.

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



Note: The projected value for 4 September was 23,116 as compared to the actual value of 24,099, a difference of, -983 which is relatively close to the projected value. The projected value for 11 September is 25,648.

8326

**Total Confirmed** 

Cases: 24,099

4252

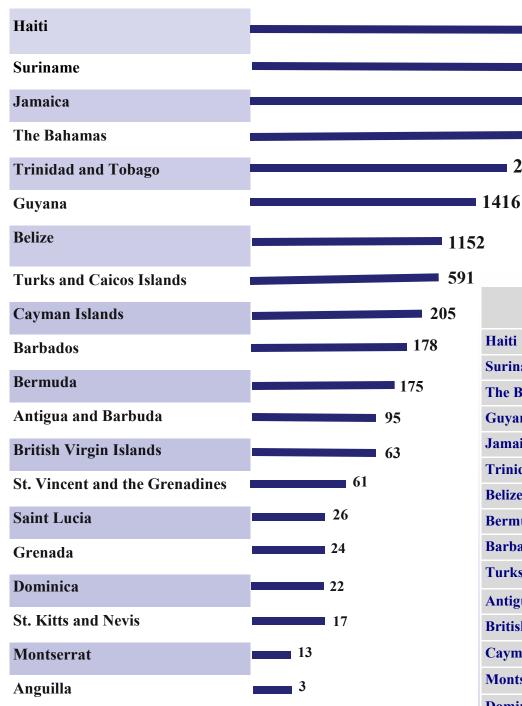
2964

**2476** 

2040

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

#### **SUMMARY OF CONFIRMED CASES AS AT 4 SEPTEMBER 2020**



Note: The number of confirmed cases in Haiti is 8326, which is now less than twice the number of confirmed cases for Suriname (second place) that has 4252 cases. Jamaica (third) with 2964 cases has surpassed The Bahamas (fourth) with 2476 cases. Trinidad and Tobago remains in fifth place with 2040. All of these countries have 2000+ cases. Guyana (sixth) has 1416 cases; Belize (seventh) has 1152 cases, with Turks and Caicos Islands (eighth) with 591. The Bahamas had 20 additional deaths (77 patients died -all causes and under investigation); Jamaica had +14 (36 patients died all causes and under investigation); Trinidad and Tobago had +12; Haiti + 11; Guyana and Suriname each had +9, Belize had +3 and Turks and Caicos Islands had 2 additional deaths.

EATHS ER 2020
Number of Deaths
212
75
70
44
33
31
15
9
7
5
3
1
1
1
0
0
0
0
0
0

Total Deaths: 507

TABLE 2: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION IN CARICOM –SELECTED COUNTRIES– 24 JULY – 4 SEPTEMBER

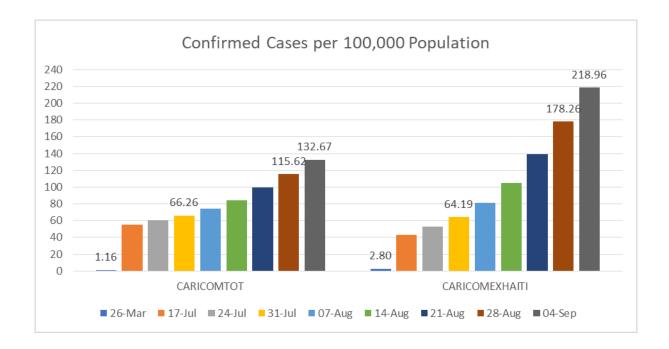
	DATE						
	24-	31-	07-	14-	21-	28-	04-
COUNTRY	Jul	Jul	Aug	Aug	Aug	Aug	Sep
CARICOM -ALL COUNTRIES	60.48	66.26	73.97	84.53	99.42	115.62	132.67
CARICOM EXCLD HAITI	52.60	64.19	81.26	104.74	139.41	178.26	218.96
ANTIGUA AND BARBUDA	86.30	95.78	96.83	97.88	98.93	98.93	99.99
THE BAHAMAS	82.87	150.53	217.66	293.45	446.61	539.44	649.32
BARBADOS	39.33	40.05	50.25	53.89	57.17	60.44	64.81
BERMUDA	239.16	243.85	245.42	248.54	261.05	262.61	273.55
BELIZE	12.06	12.06	36.68	97.48	162.79	218.57	289.41
BRITISH VIRGIN ISLANDS						126.93	216.12
CAYMAN ISLANDS	308.45	308.45	308.45	308.45	311.49	311.49	311.49
GUYANA	47.50	55.74	72.60	87.58	118.89	159.24	191.09
HAITI	63.07	64.95	66.44	68.44	70.24	71.52	72.96
JAMAICA	28.16	32.19	36.19	39.67	49.35	73.73	108.67
SAINT LUCIA		13.97	13.97	13.97	14.53	14.53	14.53
CONTRACTOR AND THE							
ST VINCENT AND THE GRENADINES	46.85	48.65	50.45	51.35	52.25	54.05	54.95
ONUNADINUS	40.03	40.03	30.43	31.33	32.23	34.03	34.73
SURINAME	223.84	292.62	377.87	486.79	593.48	660.03	729.33
SUMMANIE	223.04	292.02	311.01	400.79	373.40	000.03	149.33
TRINIDAD & TOBAGO	10.45	12.43	16.55	31.34	63.57	114.33	150.09
TRINIDAD & TODAGO	10.43	14.73	10.33	31.34	03.37	114.33	130.07
TURKS AND CAICOS ISLANDS	222.76	276.03	411.62	663.44	840.19	1186.44	1430.99
TURNS AND CAICUS ISLANDS	222.70	270.03	711.02	003.44	040.17	1100.44	1450.77

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

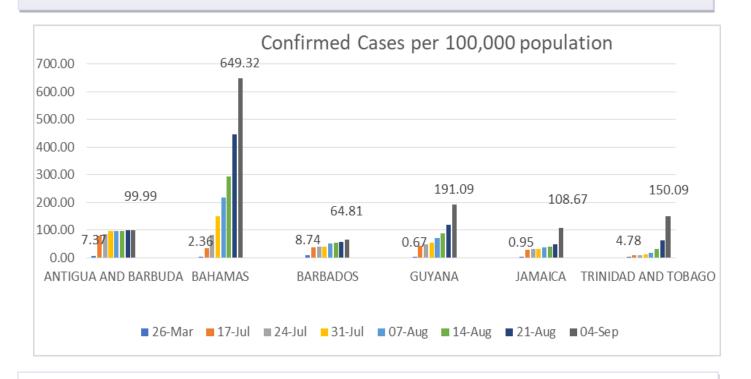
Of the countries with 25 + confirmed cases (which includes British Virgin Islands as at 28 August), the top five countries for the number of confirmed cases per 100,000 population as at 4 September are: Turks and Caicos Islands (1430.99), Suriname (729.33), The Bahamas (649.32), Cayman Islands (311.49) and Belize (289.41). Bermuda follows with 273.55, British Virgin Islands with 216.12. Guyana is on 191.09. Trinidad and Tobago, 150.09, Jamaica is 108.67. Haiti's rate is 72.96. Montserrat (less than 25 confirmed cases) not shown in this table has the seventh highest rate with 260 cases per 100, 000 population.

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.

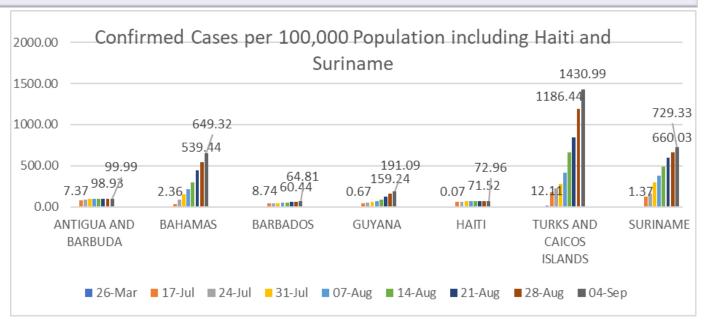
## CHART 3: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION-CARICOM WITH AND WITHOUT HAITI 26 MARCH-4 SEPTEMBER 2020



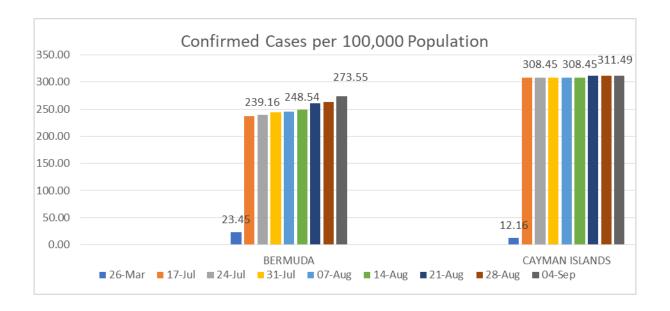
## CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES 26 MARCH– 4 SEPTEMBER 2020



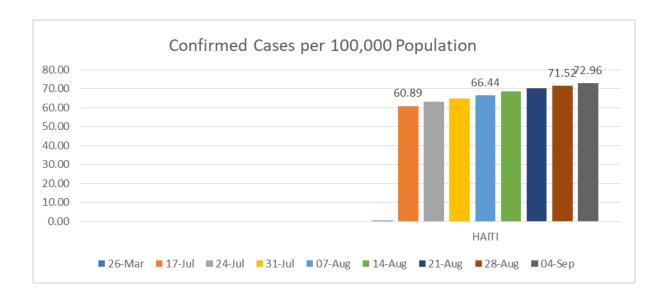
# CHART 3B: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – SELECTED COUNTRIES (WITH HAITI AND SURINAME) 26 MARCH-4 SEPTEMBER 2020



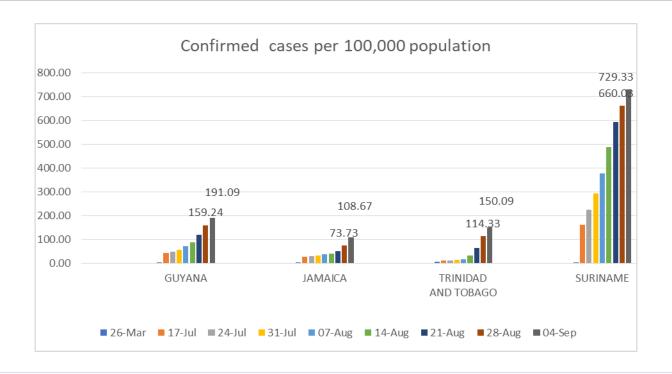
## CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS -26 MARCH– 4 SEPTEMBER 2020



#### CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION-HAITI - 26 MARCH- 4 SEPTEMBER 2020



## CHART 3E: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION GUYANA, JAMAICA, TRINIDAD AND TOBAGO AND SURINAME 26 MARCH- 4 SEPTEMBER 2020



#### CHART 3F: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION ANTIGUA AND BARBUDA, BARBADOS, ST. VINCENT AND THE GRENADINES SAINT LUCIA AND BRITISH VIRGIN ISLANDS 26 MARCH- 4 SEPTEMBER 2020

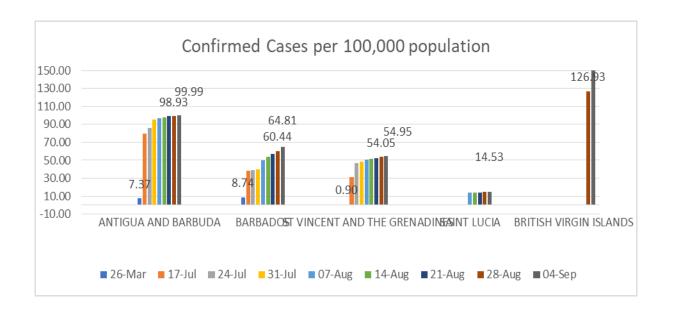


TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION 17 JULY – 4 SEPTEMBER 2020

	DATE						
	17– July	24– July	31– July	07- August	14– August	21- August	04– September
CARICOM - ALL COUNTRIES	1.32	1.39	1.46	1.56	1.78	2.02	2.79
CARICOM EXCL. HAITI	1.30	1.36	1.44	1.55	1.82	2.37	4.10
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	18.36
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	3.77
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	5.94
HAITI	1.27	1.35	1.41	1.50	1.68	1.72	1.86
JAMAICA	0.37	0.37	0.37	0.48	0.51	0.59	1.21
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	12.86
TRINIDAD & TOBAGO	0.59	0.59	0.59	0.59	0.74	0.88	2.28
TURKS AND CAICOS ISLANDS	4.84	4.84	4.84	4.84	4.84	4.84	12.11

**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 – 4 SEPTEMBER

	Date						
	17-	24-	31-	07-	14-	21-	04–
COUNTRY	Jul	Jul	Jul	Aug	August	August	September
CARICOM-ALL COUNTRIES	2.4	2.3	2.2	2.1	2.1	2.0	2.1
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	2.8
THE DAHAMAS	0.5	3.3	3.0	1./	1.5	1.0	2.8
BARBADOS	6.7	6.5	6.4	5.1	4.7	4.5	3.9
DEDMUDA	<i>5</i> 0	5.9	5.8	5.7	5.7	5.4	5.1
BERMUDA	5.9	5.9	5.8	5.7	5.7	5.4	5.1
BELIZE	5.0	4.2	4.2	1.4	0.8	0.8	1.3
BRITISH VIRGIN ISLANDS	12.5	12.5	12.5	11.1	11.1	9.1	1.6
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	3.1
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	1.1
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	1.8
TRINIDAD & TOBAGO	5.9	5.6	4.7	3.6	2.3	1.4	1.5
TURKS AND CAICOS ISLANDS	2.7	2.2	1.8	1.2	0.7	0.6	0.8

**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 4 SEPTEMBER 2020

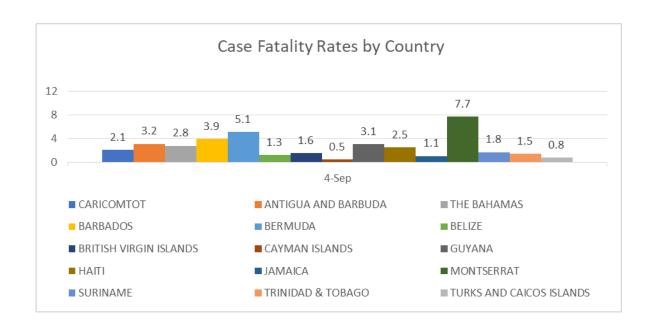
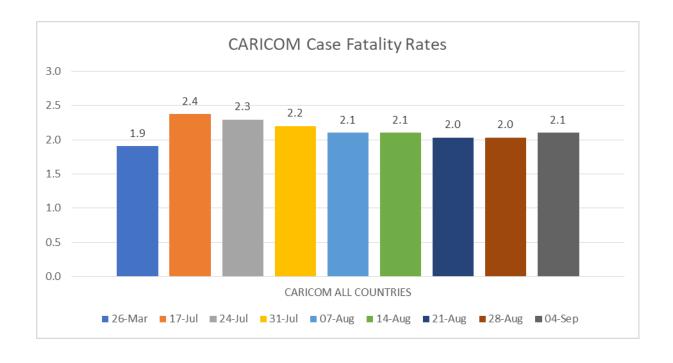
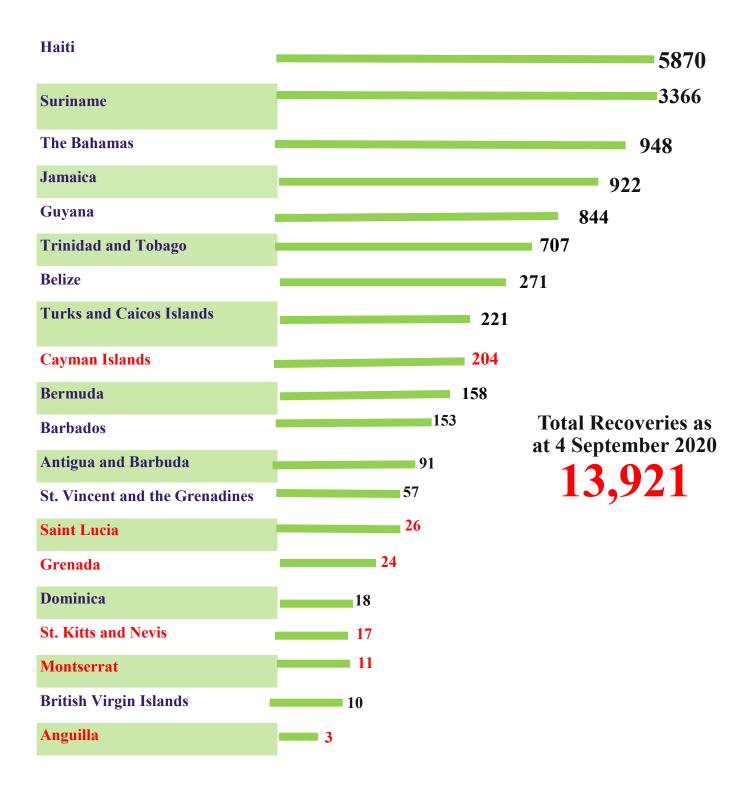


CHART 4A: CARICOM—ALL COUNTRIES- CASE FATALITY RATES 26 MARCH - 4 SEPTEMBER



#### SUMMARY OF RECOVERED CASES AS AT 4 SEPTEMBER 2020



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

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

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPITALISATIONS
Haiti	8326	5870	2244	24035	
Suriname	4252	3366	811	10750	120
The Bahamas	2476	948	1451	12541	76
Jamaica	2964	922	1935	62258	125
Guyana	1416	844	528	9128	
Trinidad and Tobago	2040	707	1302	24692	100
Belize	1152	271	866	9073	
Turks and Caicos Islands	591	221	364	2650	2
Cayman Islands	205	204	0	36000	0
Bermuda	175	158	8	48220	0
Barbados	178	153	18	17979	
Antigua and Barbuda	95	91	1	1991	
St Vincent and the Grenadines	61	57	4	3917	
Saint Lucia	26	26	0	5835	0
Grenada	24	24	0	1125	0
Dominica	22	18	4	2077	
St Kitts and Nevis	17	17	0	1635	0
Montserrat	13	11	0	275	0
British Virgin Islands	63	10	52	3713	2
Anguilla	3	3	0	662	0
Total	24,099	13,921	9,588	278,556	

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

All active cases in Anguilla, Grenada, Montserrat, Saint Lucia, St Kitts and Nevis and Cayman Islands have recovered up to the end of the reporting period 4 September.

The following countries <u>had no active cases</u> in past reporting periods and now have active cases: British Virgin Islands (52), Dominica (4), Bermuda (8), St Vincent and the Grenadines (4), Barbados (18), Trinidad and Tobago (1302), Turks and Caicos Islands (364), Belize (866) and Suriname (811).

Antigua and Barbuda has 1 active cases, The Bahamas 1451, Guyana, 528, Jamaica, 1935 and Haiti, 2244.

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

Table 5: NUMBER OF TESTS AND RATE PER 100,000 POPULATION – AS AT 4 SEPTEMBER 2020

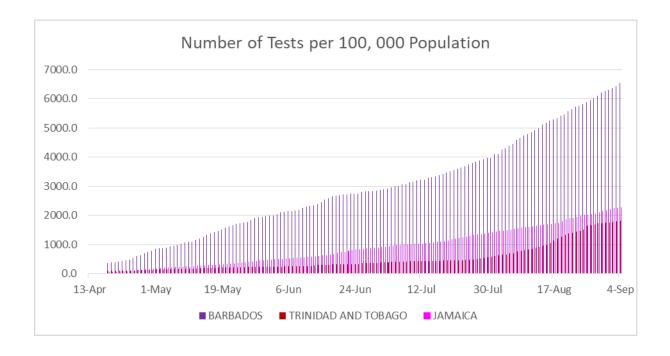
COUNTRY	NO. OF TESTS	NO. OF TESTS PER 100,000
Anguilla	662	4413.3
Antigua and Barbuda	1991	2095.5
Bahamas	12541	3288.8
Barbados	17979	6546.6
Belize	9073	2279.4
Bermuda	48220	75375.5
British Virgin Islands	3713	12737.1
Cayman Islands	36000	54700.4
Dominica	2077	2884.7
Grenada	1125	1009.3
Guyana	9128	1231.8
Haiti	24035	210.6
Jamaica	62258	2282.6
Montserrat	275	5500.0
Saint Lucia	5835	3259.8
St Kitts and Nevis	1635	3084.9
St Vincent and the Grenadines	3917	3528.8
Suriname	10750	1843.9
Trinidad and Tobago	24692	1816.7
Turks and Caicos Islands	2650	6416.5

Note: The top five countries based on the number of tests per 100,000 population are: Bermuda, (75375.5), Cayman Islands (54700.4), British Virgin Islands (12737.1), Barbados (6546.6) and Turks and Caicos Islands (6416.5) 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 - 4 SEPTEMBER 2020



## CHART 5A: NUMBER OF TESTS PER 100, 000 POPULATION- CAYMAN ISLANDS 18 APRIL— 4 SEPTEMBER 2020

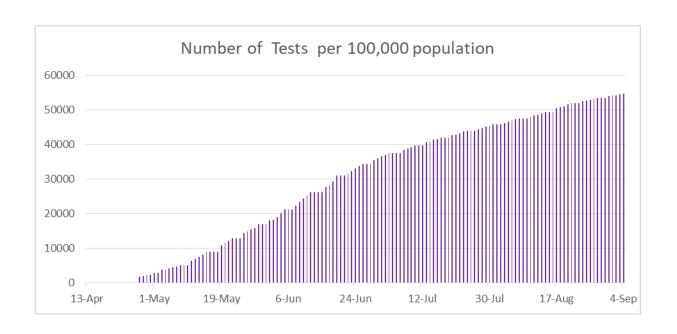


CHART 5B: NUMBER OF RECOVERIES - BARBADOS

18 APRIL - 4 SEPTEMBER 2020

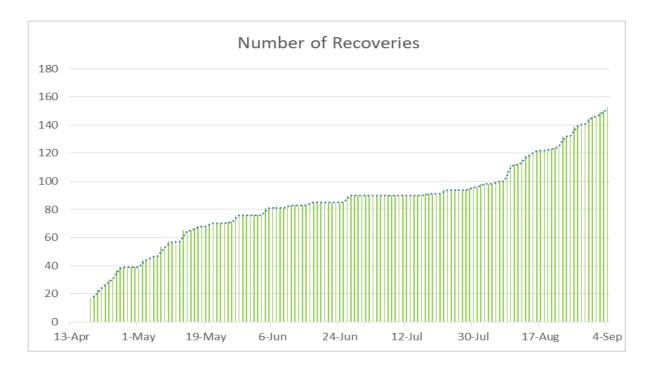


CHART 5C: NUMBER OF ACTIVE CASES - BARBADOS

18 APRIL - 4 SEPTEMBER 2020

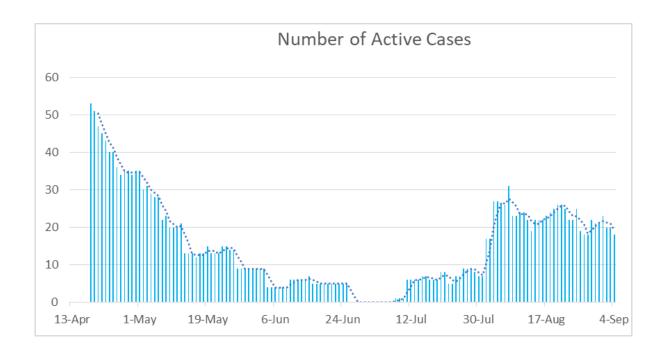


CHART 5D: NUMBER OF TESTS CONDUCTED - BARBADOS

18 APRIL - 4 SEPTEMBER 2020

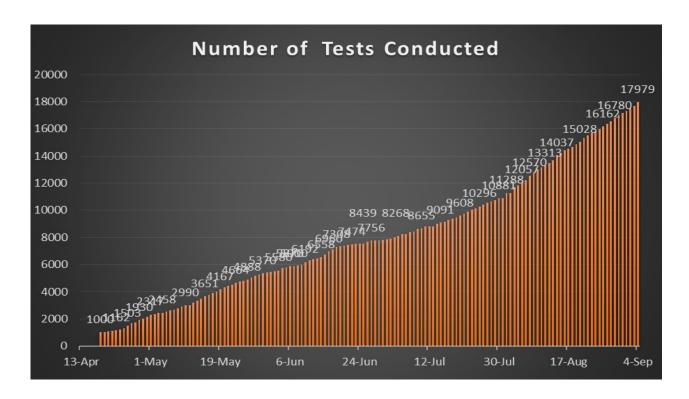


CHART 5E: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - BARBADOS

18 APRIL - 4 SEPTEMBER 2020

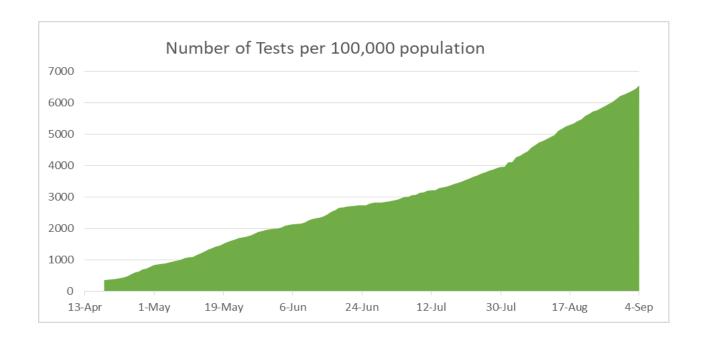


CHART 5F: NUMBER OF RECOVERIES - JAMAICA 18 APRIL- 4 SEPTEMBER 2020

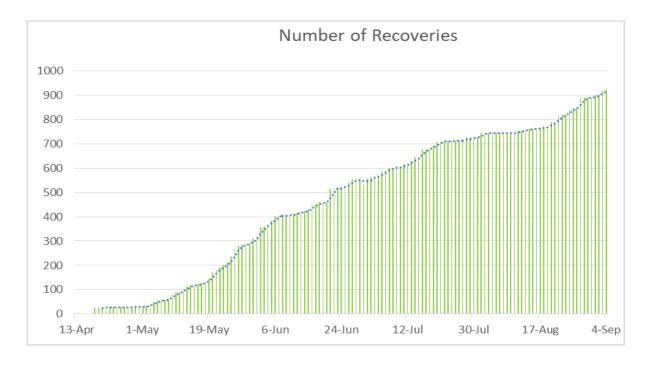


CHART 5G: NUMBER OF ACTIVE CASES - JAMAICA 18 APRIL - 4 SEPTEMBER 2020

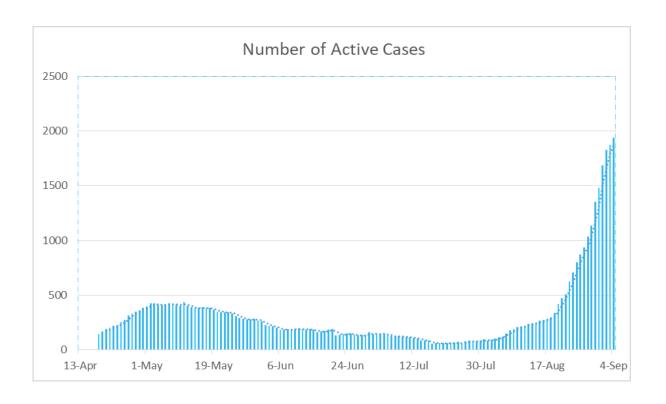


CHART 5H: NUMBER OF TESTS CONDUCTED - JAMAICA 18 APRIL - 4 SEPTEMBER 2020

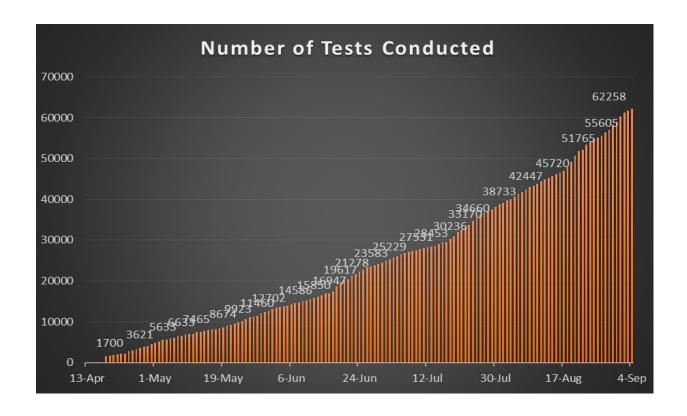


CHART 5I: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - JAMAICA 18 APRIL - 4 SEPTEMBER 2020

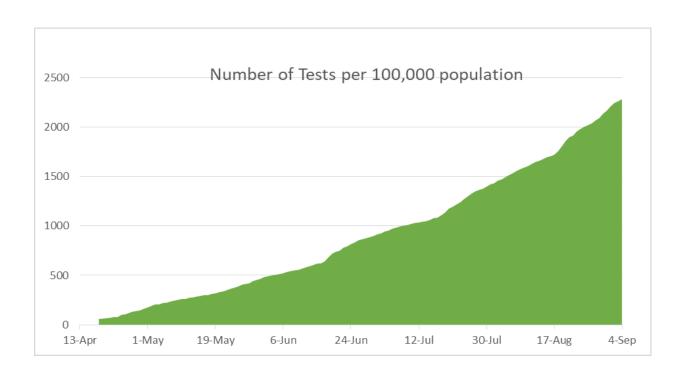


CHART 5J: NUMBER OF RECOVERIES - TRINIDAD AND TOBAGO 18 APRIL - 4 SEPTEMBER 2020

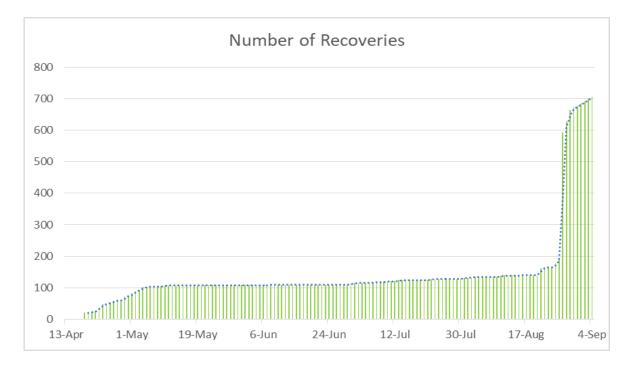


CHART 5K: NUMBER OF ACTIVE CASES- TRINIDAD AND TOBAGO 18 APRIL - 4 SEPTEMBER 2020

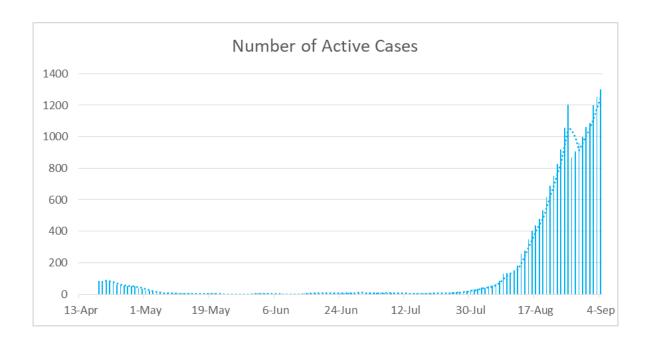


CHART 5L: NUMBER OF TESTS CONDUCTED - TRINIDAD AND TOBAGO 18 APRIL - 4 SEPTEMBER 2020

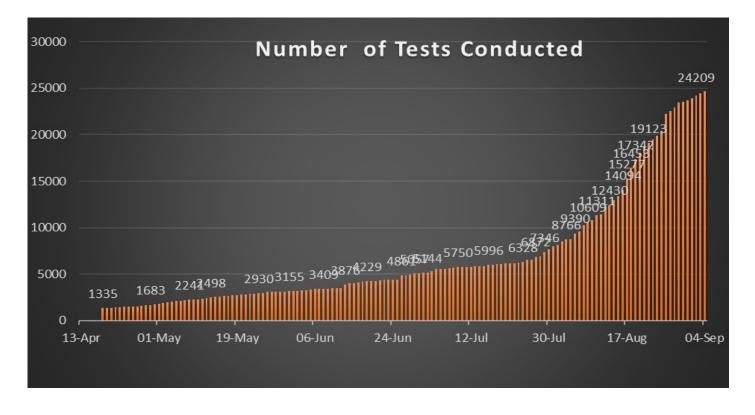
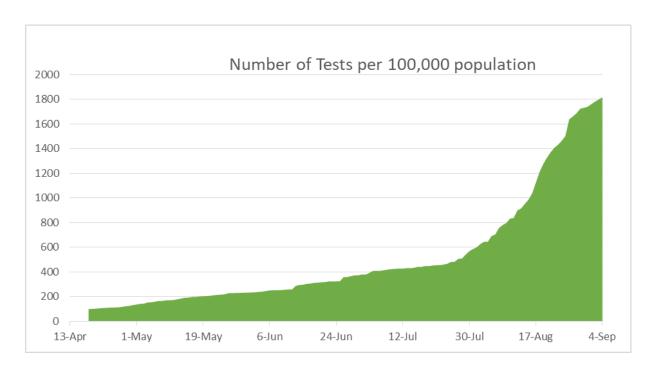


CHART 5M: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - TRINIDAD AND TOBAGO
18 APRIL - 4 SEPTEMBER 2020



#### CHART 5N: NUMBER OF RECOVERIES - BERMUDA 18 APRIL - 4 SEPTEMBER 2020

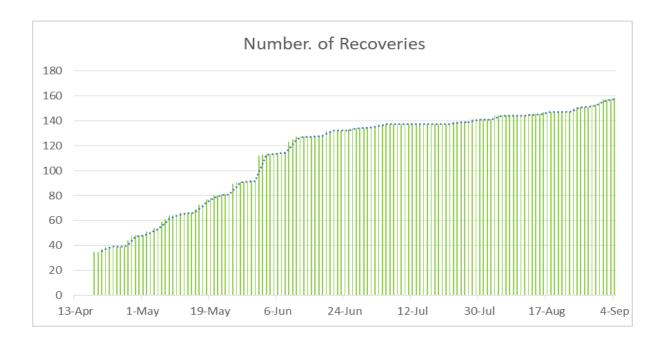


CHART 50: NUMBER OF ACTIVE CASES - BERMUDA 18 APRIL - 4 SEPTEMBER 2020

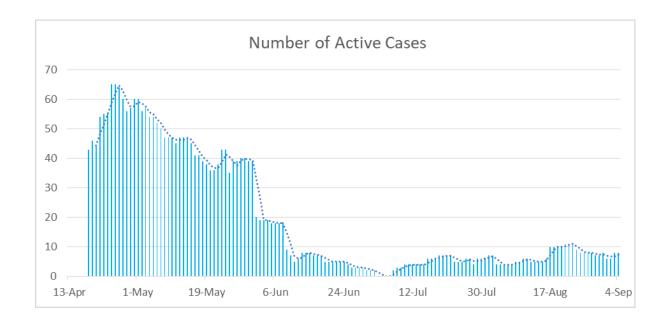


CHART 5P: NUMBER OF TESTS CONDUCTED - BERMUDA 18 APRIL - 4 SEPTEMBER 2020

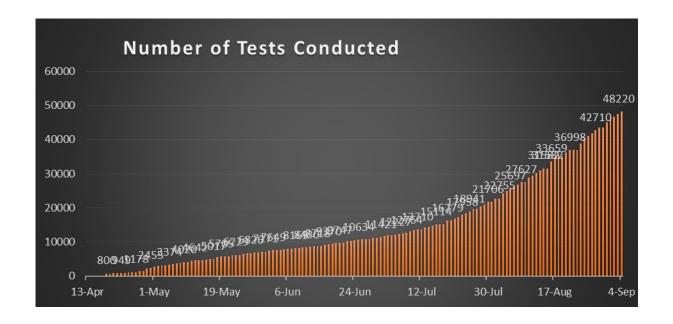


CHART 5Q: NUMBER OF TESTS CONDUCTED PER 100, 000 POPULATION - BERMUDA 18 APRIL - 4 SEPTEMBER 2020

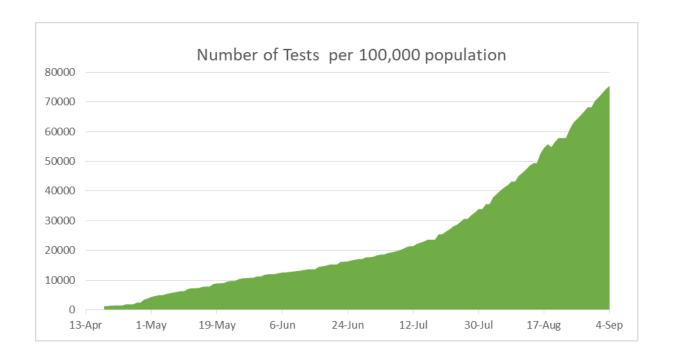


TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 4 SEPTEMBER 2020

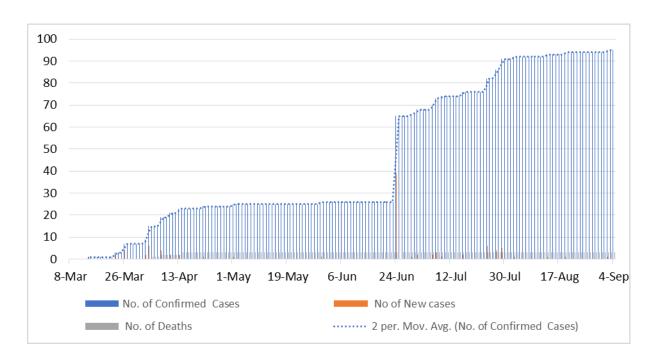
Country	Imported Transmission	Local Transmission	Community/ Unknown	Under Investigation
		Local		Throatearton
Trinidad and Tobago <sup>e</sup>	114	185	1	194
Guyana <sup>e</sup>	4	1412	0	0
Bermuda	65	89	19	2
Jamaica	459	900	241	1364
St. Vincent and the Grenadines	54	7	-	-
Belize <sup>e</sup>	47	357	2	46
Antigua and Barbuda	70	25		
Haitie	152	8174		

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

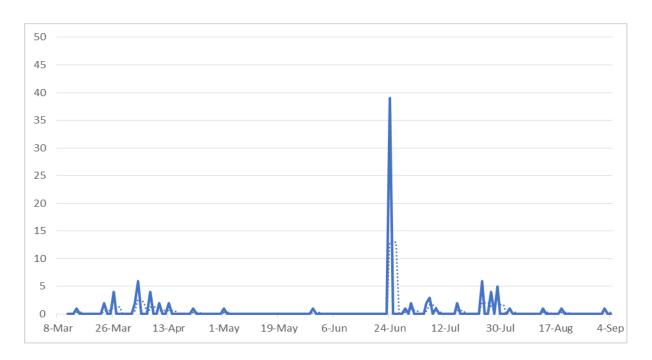
### TABLE 7: CONFIRMED CASES BY SEX - SELECTED COUNTRIES AS AT 4 SEPTEMBER 2020

Country			Not Stated
Haiti	4854	3472	
Jamaica	1342	1620	2
Guyana	696	720	
Belize	627	525	
Trinidad and Tobago <sup>e</sup>	997	1043	
Cayman Islands	107	98	
Barbados	86	92	
Bermuda <sup>e</sup>	82	93	

**CHART 6: ANTIGUA AND BARBUDA** 

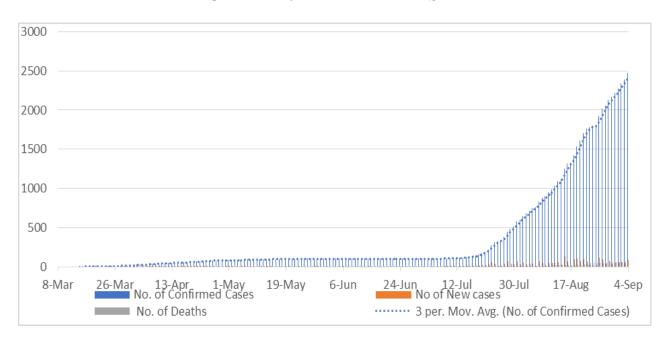


#### **CHART 6A: ANTIGUA AND BARBUDA**

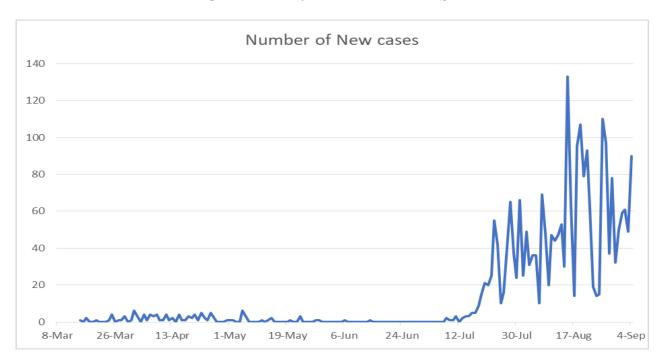


Note: Antigua and Barbuda had 1 new case during the current reporting period, 29-August – 4 September as compared to no new cases during 22-28 August and 1 new case during 15-21 August. The total number of cases stood at 95 as at 4 September, with 1 active case.

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



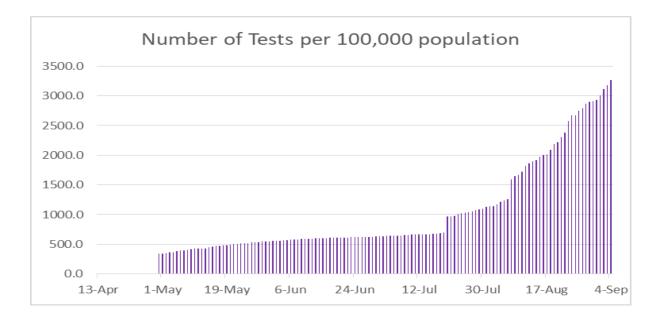
#### **CHART 7A: THE BAHAMAS**



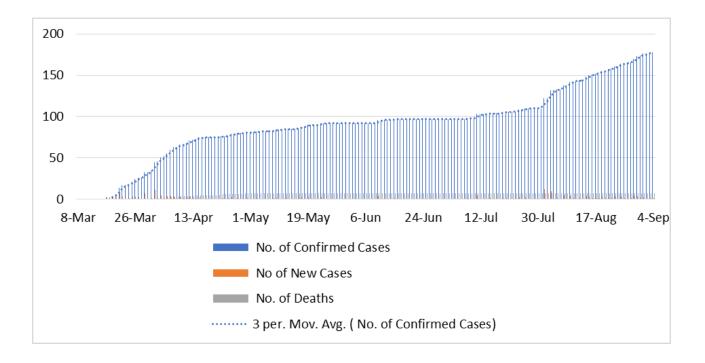
Note: The Bahamas had 419 new cases during the current reporting period, 29 August 4 September as compared to 354 new cases for the period 22-28 August, 584 during 15-21 August and 289 new cases during 8-14 August. The number of confirmed cases increased to 2476 as at 4 September, with active cases increasing to 1451. The substantial increase in the number of new cases for The Bahamas from early July is evident in Chart 7A.

While the total number of deaths of COVID-19 patients is 77, 7 of these deaths are classified as being due to non-COVID-19 causes, which leaves a remainder of 70 deaths, reflected in the current report, including 15 that are under investigation.

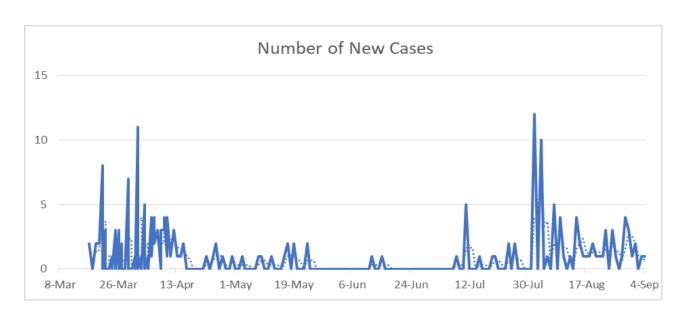
#### **CHART 7B: THE BAHAMAS**



**CHART 8: BARBADOS** 

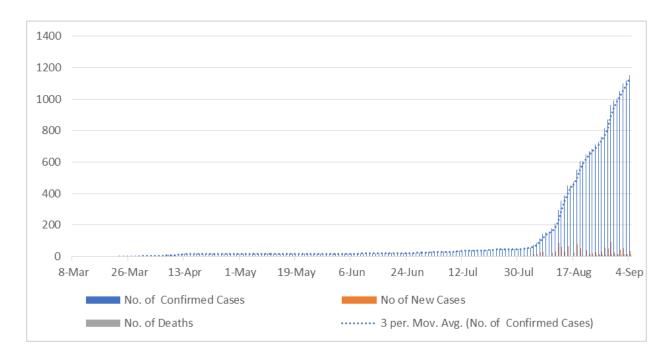


#### **CHART 8A: BARBADOS**

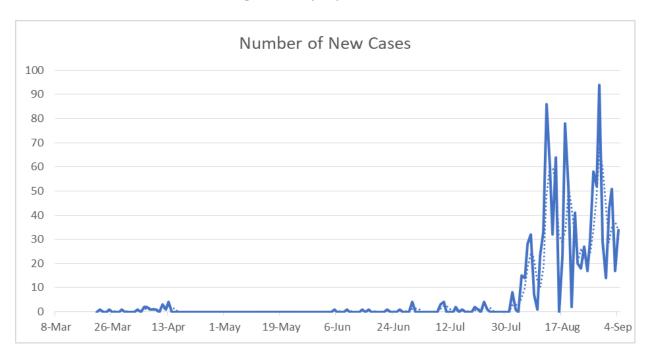


Note: Barbados had 12 new cases during the current reporting period, 29 August- 4 September, as compared to 9 new cases during 22-28 August, which was the same as for 15-21 August. The number of confirmed cases stood at 178 as at 4 September with 18 active cases. The increase in the number of new cases from mid-July is evident in Chart 8A.

**CHART 9: BELIZE** 



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

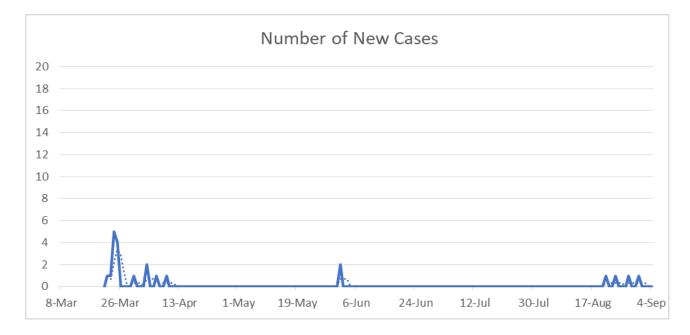


Note: Belize had 282 new cases during the current reporting period, 29 August-4 September, as compared to 354 new cases during the period 22-28 August and 260 new cases during 15-21 August. The number of confirmed cases increased to 1152, crossing the 1000 bar, with 866 active cases and 15 deaths (+3). The increase in the number of new cases is evident in Chart 9A.

## **CHART 10: DOMINICA**

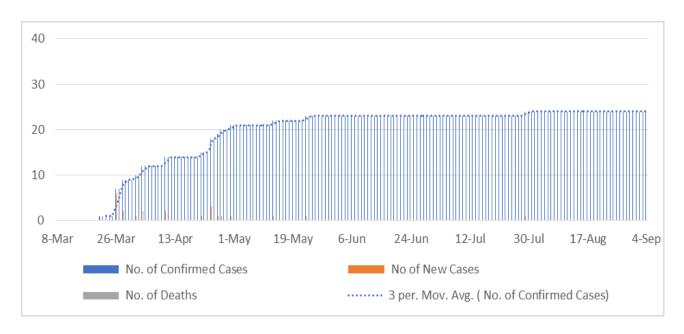


## **CHART 10A: DOMINICA**

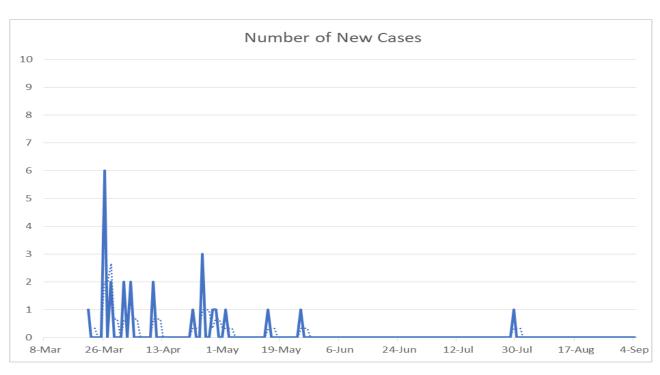


Note: Dominica had 1 new case during the current reporting period, 29 August-4 September, as compared to 2 new cases (adjusted) during 22-28 August and 1 new case during, 15-21 August. The number of cases stood at 22 as at 4 September with 4 active cases.

**CHART 11: GRENADA** 

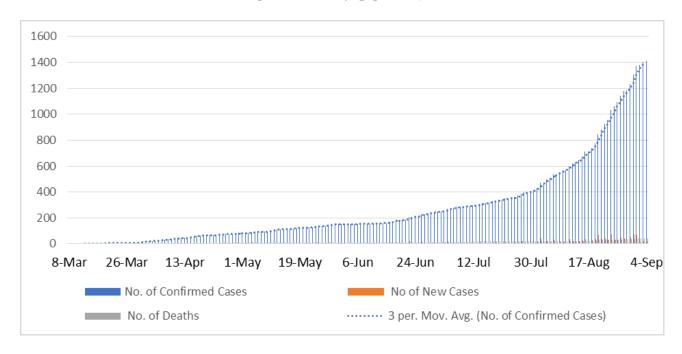


## **CHART 11A: GRENADA**

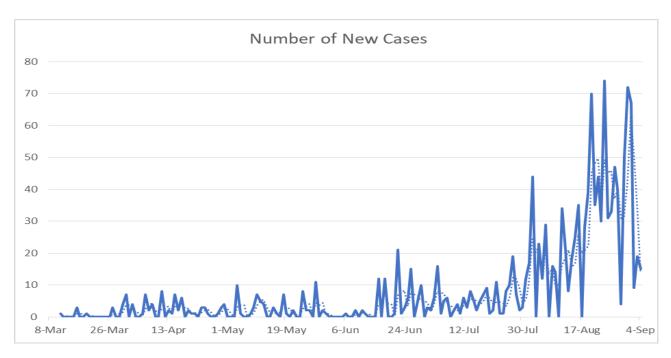


**Note**: Grenada had **no new cases** during the current reporting period **29August- 4 September**, similar to the last 4 reporting periods from **22-28 August** backwards. The number of cases stood at **24** with **no active cases**.

**CHART 12: GUYANA** 

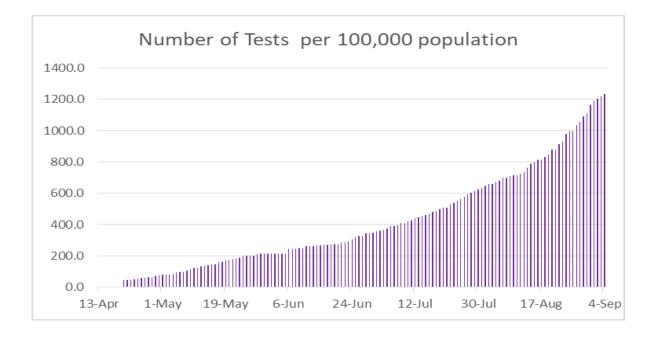


## **CHART 12A: GUYANA**

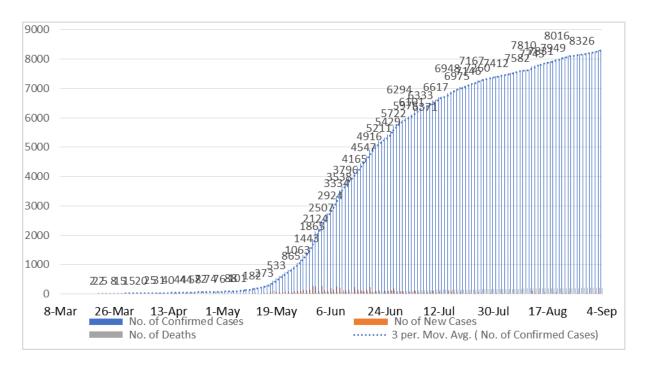


Note: In Guyana, there were 282 new cases during the current reporting period, 29 August 4 September, as compared to 299 new cases during 22-28 August and 232 new cases during 15-21 August. The number of confirmed cases for Guyana increased to 1416 with 528 active cases and 44 deaths (+9). The increase in the number of new cases is evident in Chart 12A.

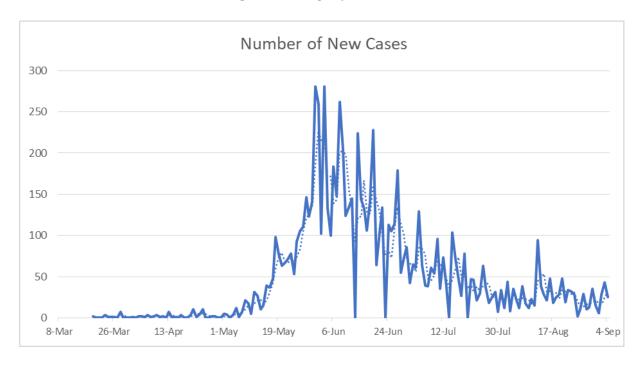
## **CHART 12B: GUYANA**



## **CHART 13: HAITI**

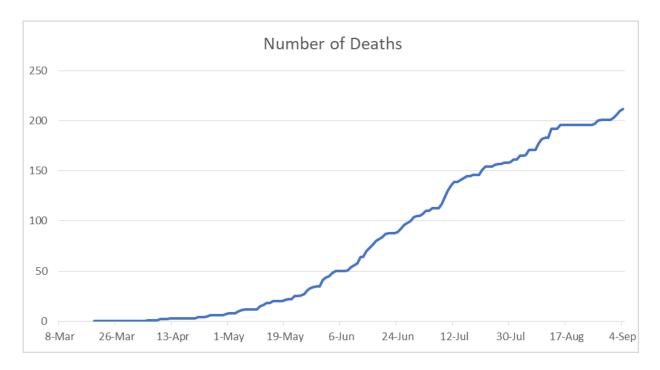


#### **CHART 13A: HAITI**

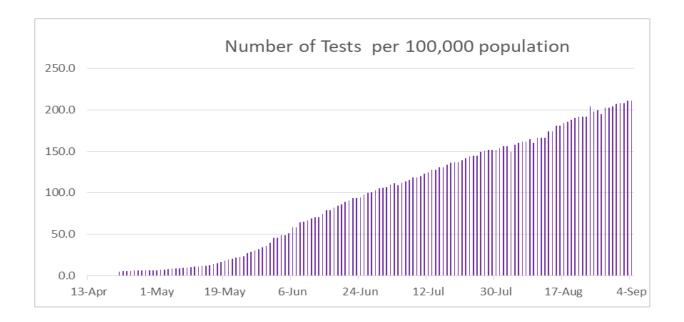


Note: : Haiti had 165 new cases during the current reporting period, 29 August-4 September as compared to 145 new cases 22-28 August, and 206 new cases during 18-21 August. The total number of confirmed cases stood at 8326 as at 4 September with active cases at 2244. The number of deaths increased by 11 and is 212. The general declining trend for Haiti in the number of new cases is evident in Chart 13A.

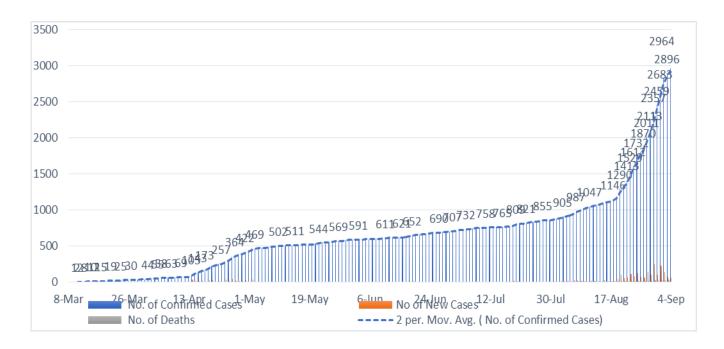
**CHART 13B: HAITI** 



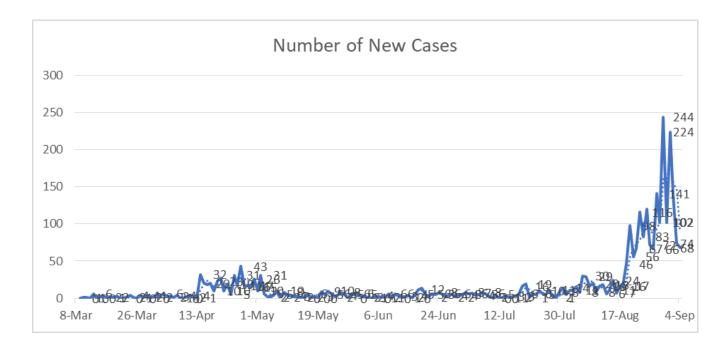
# **CHART 13C: HAITI**



**CHART 14: JAMAICA** 

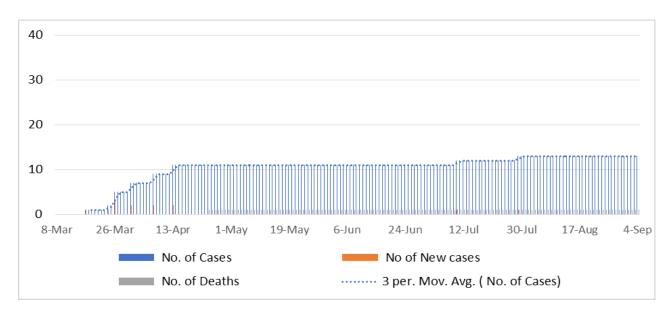


### **CHART 14A: JAMAICA**

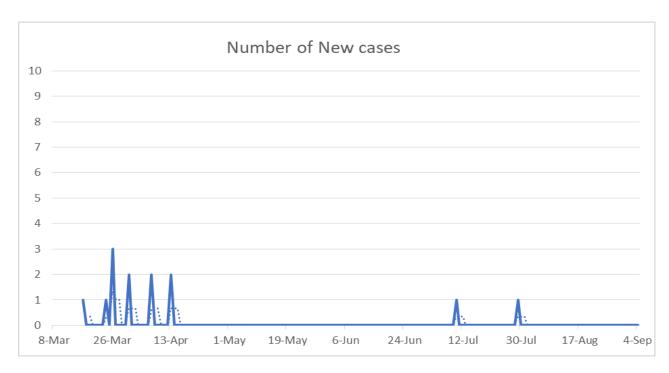


Note: Jamaica had 953 new cases, during the current reporting period, 29 August – 4 September, as compared to 665 new cases during 22-28 August and 264 new cases during 15-21 August. The total number of confirmed cases stood at 2964 with 1935 active cases and 33 deaths (+14). Including in the 33 deaths are 3 deaths that are under investigation and excluded are 3 deaths that are due to non-COVID-19 causes. A total of 39 deaths have occurred of COVID-19 patients. The increasing trend in the number of new cases is evident in Chart 14A.

**CHART 15: MONTSERRAT** 

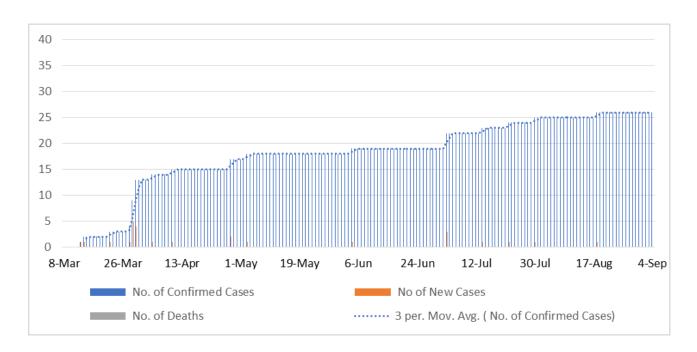


#### **CHART 15A: MONTSERRAT**

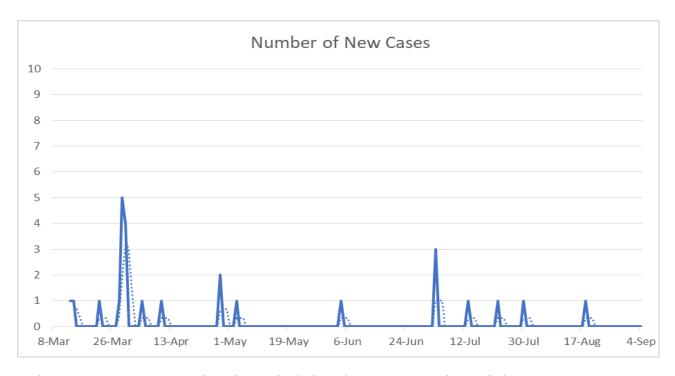


Note: There were no new cases in Montserrat during the current reporting period 29 August- 4 September, similar to the past four reporting periods, 22-28 August, 15-21 August. 8-14 August and 1-7 August. The number of confirmed cases stood at 13 with no active cases.

## **CHART 16: SAINT LUCIA**

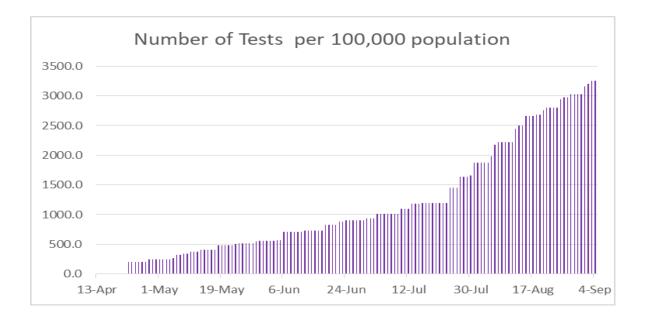


## **CHART 16A: SAINT LUCIA**



Note: There were no new cases in Saint Lucia during the current reporting period, 29 August – 4 September, similar to the last reporting period 22-28 August and as compared to one new case during15-21 August. The number of confirmed cases stood at <u>26</u> with no active cases.

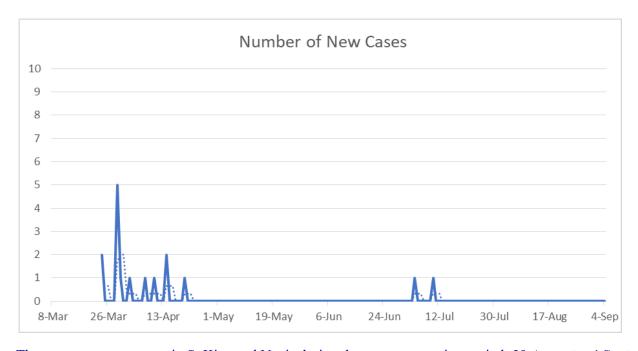
# **CHART 16B: SAINT LUCIA**



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

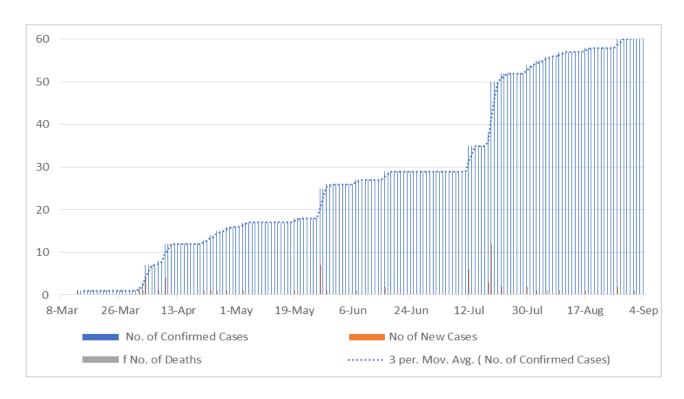


# **CHART 17A: ST. KITTS AND NEVIS**

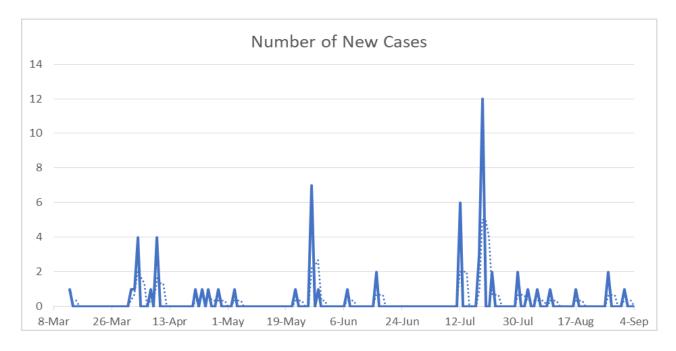


Note: There were no new cases in St Kitts and Nevis during the current reporting period 29 August – 4 September, similar to the past four reporting periods, 22-28 August, 15-21 August, 8-14 August and 1-7 August. The number of confirmed cases stood at 17 with no active cases.

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

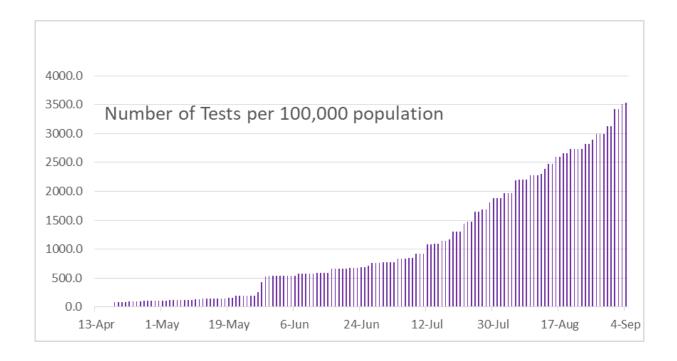


## **CHART 18A: ST. VINCENT AND THE GRENADINES**

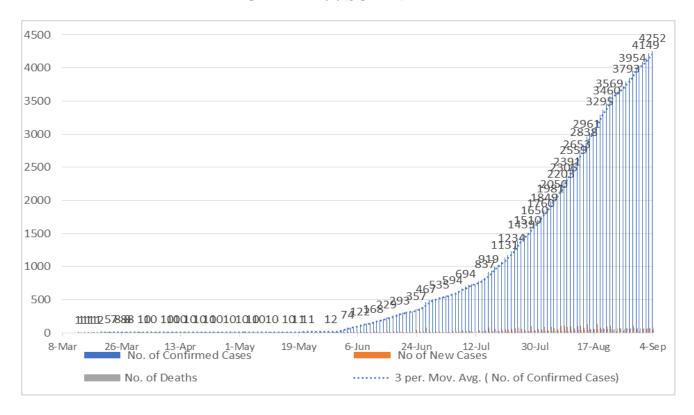


Note: There was one new case in St Vincent and the Grenadines for the current reporting period 29 August 4 September, as compared to two new cases during, 22-28 August and one new case during 15-21 August. The number of confirmed cases in St Vincent and the Grenadines as at 4 September was 61 with 4 active cases.

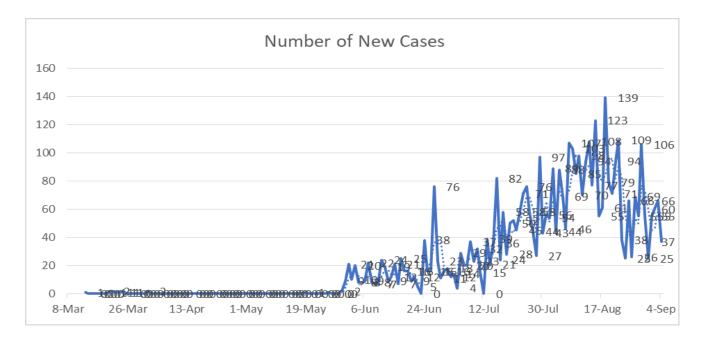
# **CHART 18B: ST. VINCENT AND THE GRENADINES**



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

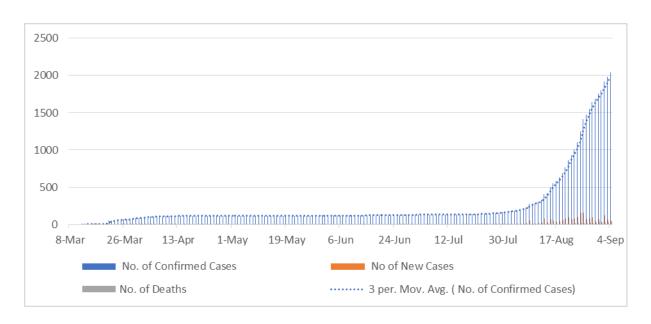


#### **CHART 19A: SURINAME**

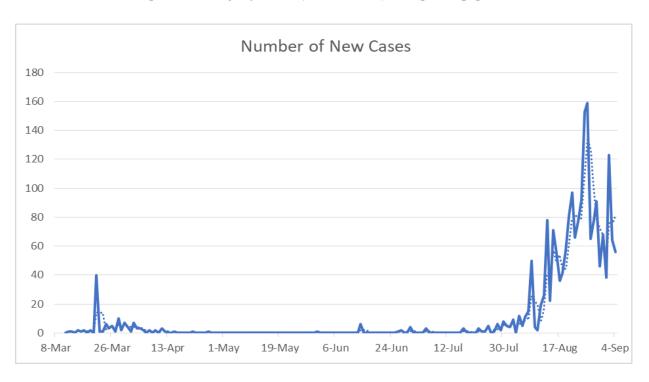


Note: Suriname had 404 new cases during the current reporting period 29 August-4 September as compared to 388 new cases during 22-28 August and 622, during 15-21 August. The number of confirmed cases for Suriname stood at 4252 with 811 active cases and 75 deaths (+11). The increasing trend in the number of new cases is evident in Chart 19 A. However the number of new cases in recent weeks appears to be decreasing.

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

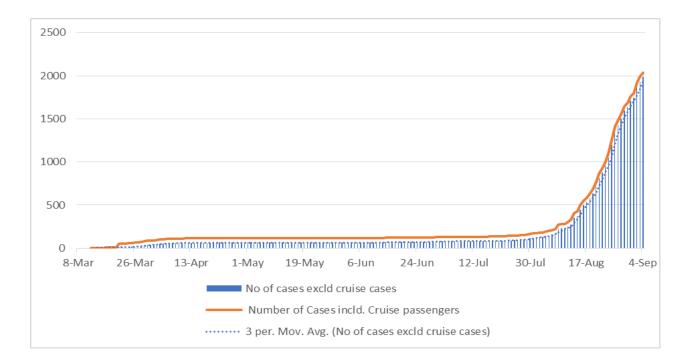


#### CHART 20A: TRINIDAD AND TOBAGO



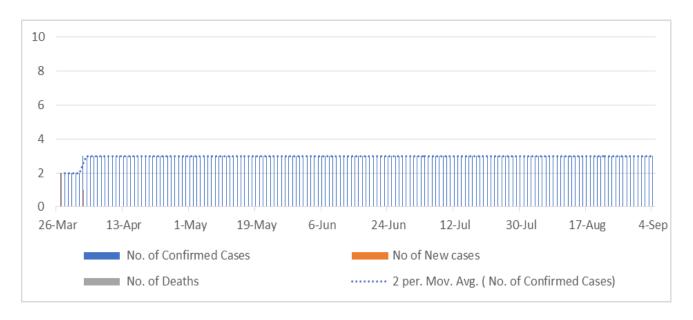
Note: Trinidad and Tobago had 486 new cases during the current reporting period, 29 August- 4 September as compared to 690 new cases during 22-28 August and 438 new cases during 15-21. The number of confirmed cases stood at 2040 with 1302 active cases and 31 deaths (+12). The increasing trend in the number of new cases is evident in Chart 20A.

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

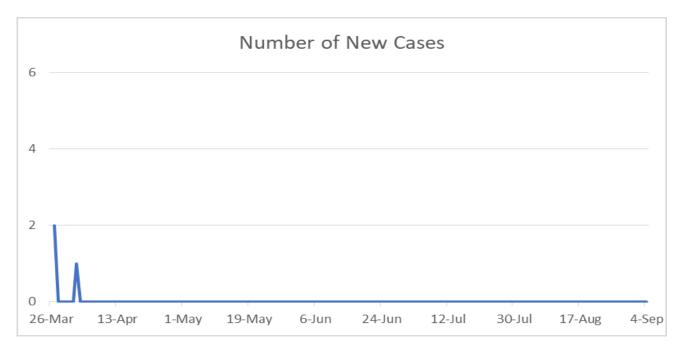


**Note**: The closing of the gap between the contribution to the total number of confirmed cases of the returning Cruise Ship passengers that tested positive around March and the number of cases excluding these passengers as seen in **Chart 20B**, reflects the substantial increase in the number of confirmed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

**CHART 21: ANGUILLA** 

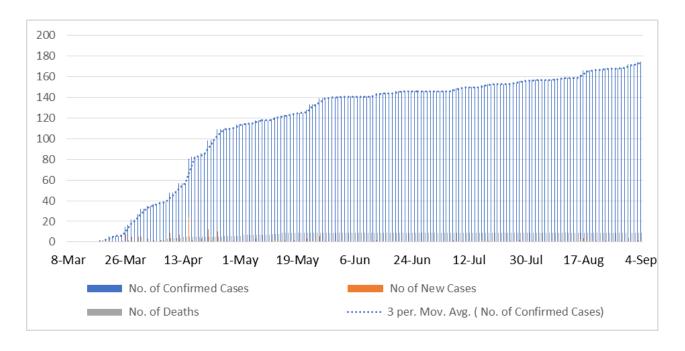


## **CHART 21A: ANGUILLA**

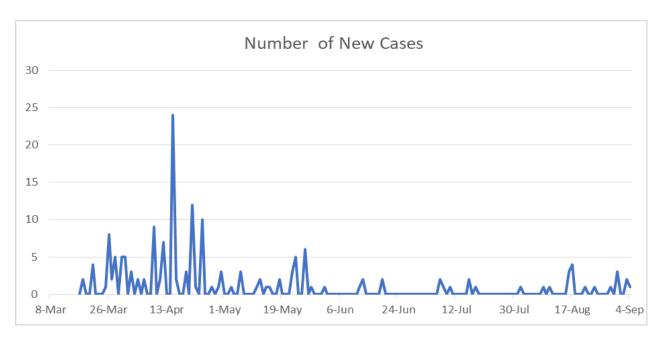


Note: The last positive case of COVID-19 in Anguilla was 2 April, a period of 156 days as at 4 September. The number of confirmed cases for Anguilla is  $\underline{3}$ .

**CHART 22: BERMUDA** 

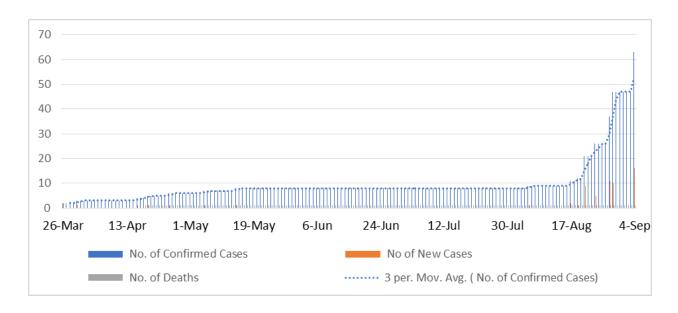


## **CHART 22A: BERMUDA**

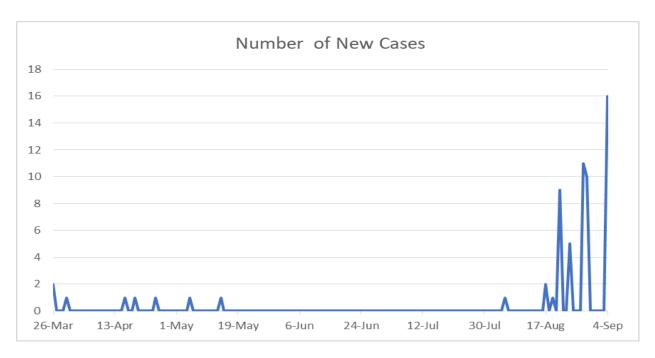


Note: Bermuda had 7 new cases during the current reporting 29 August- 4 September, as compared to 1 new case during 22-28 August and 8 new cases during 15-21 August. The number of confirmed cases for Bermuda stood at 175 as at 4 September with 8 active cases.

**CHART 23: BRITISH VIRGIN ISLANDS** 

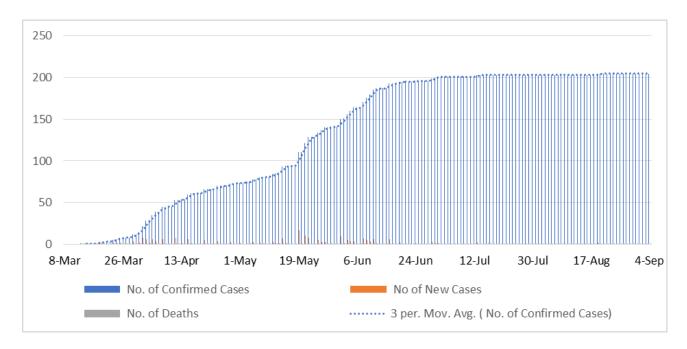


## **CHART 23A: BRITISH VIRGIN ISLANDS**

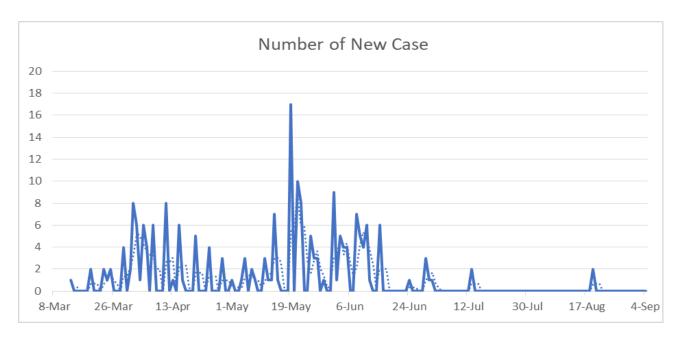


Note: In the British Virgin Islands, there were 26 new cases during the current reporting period 29 August- 4 September, as compared to 16 new cases (adjusted) during 22-28 August and 12 new cases (adjusted) during 15-21 August. The total number of confirmed cases stood at 63 with 52 active cases.

**CHART 24: CAYMAN ISLANDS** 

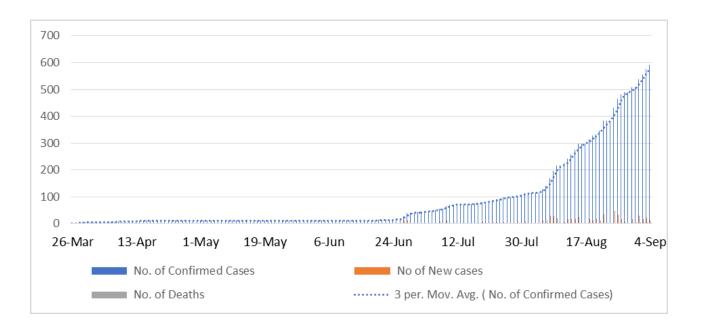


**CHART 24A: CAYMAN ISLANDS** 

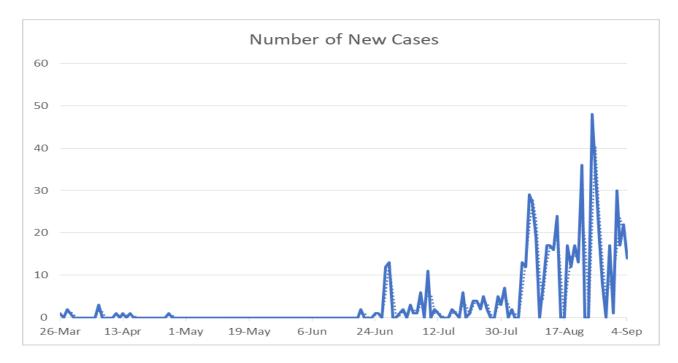


Note: There were no new cases in Cayman Islands during the current reporting period, 29 August – 4 September and similar to the period 22-28 August. There were 2 new cases during 15-21 August. The number of confirmed cases stood at 205 with no active cases.

**CHART 25: TURKS AND CAICOS ISLANDS** 



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



Note: Turks and Caicos Islands had 101 new cases during the current reporting period, 29 August - 4 September as compared to 143 new cases during 22-28 August and 73 new cases during 15-21 August. The number of cases stood at 591 with 364 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			
With Haiti	25 June 14 August 24 July	7597 15,355 3789	50 21
Without Haiti	14 August	7545	
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
Without Haiti	10 August 28 August	6470 12,841	18
With Haiti	31 July 4 September	12,036 24 099	35 Rate: 2.00
Without Haiti	15 August 4 September	8,011 15,773	20 Rate: 1.97
The Bahamas	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
	15 August 4 September	1252 2476	20 Rate: 1.98
Suriname	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
	6 August 4 September	2096 4252	28 Rate: 2.03

#### DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

# The Bahamas

**Doubling (1.98) 20 days** 



**Belize Doubling (2.1) 17 days** 



# Guyana

**Doubling (2.00) 18 days** 



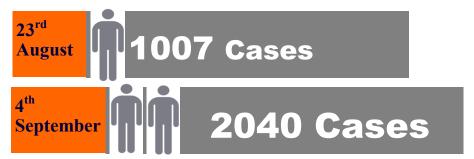
#### DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

# Suriname Doubling (2.03) - 29 days



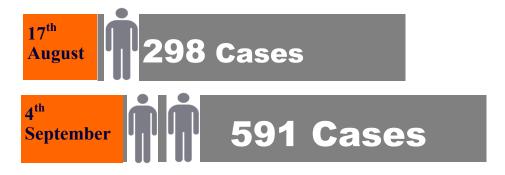
# **Trinidad and Tobago**

Doubling (2.03) 12 days



# **Turks and Caicos Islands**

**Doubling (1.98) 18 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): http://statistics.caricom.org/covid19 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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