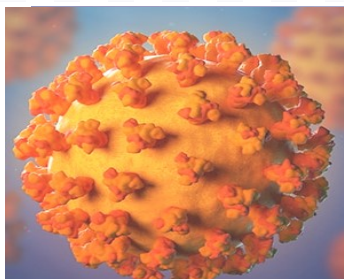


Stats News & Views



Special Topic Statistical Bulletin - COVID-19

Issue 28, 2 October 2020

The **Special Topic Statistical Bulletin on COVID 19 in CARICOM Countries Issue 28**, provides an update of the trajectory of the COVID-19 in the CARICOM Region up to **2 October 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. An Illustration on "Rates per 100,000 population" is also included on Page 51.* 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. Monitoring of the Mode of Transmission can assist in contact tracing to overcome the pandemic. *The trends in the data on testing continue to be critical to tracking the pandemic.* The doubling rate excluding Haiti has been dropped or will no longer be updated. The charts pertaining to this issue and some other graphical presentations have also been discontinued. 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

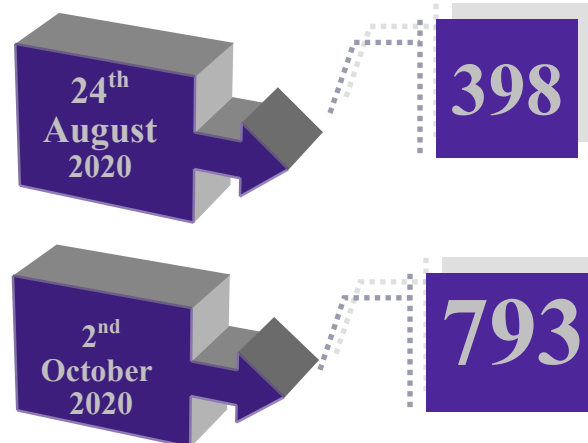


AUGUST 2020						
Sun	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
.....	17 th 16,285	18 th 16,726	19 th 17,152	20 th 17,609	21 st 18,069
OCTOBER 2020						
.....	1 st 35,784	Friday, 2 nd 36,165	

Doubling Rate—2.00
Total number of confirmed cases increased by
18,096 over 42 days
[21Aug. [18,069]-2 October [36,165]



Total number of deaths
increased by 395 in 39 days
(24 August - 2 October) at a rate of
1.99



Special Topic Bulletin - COVID 19

TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 22 AUGUST – 2 OCTOBER 2020

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
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
05-Sep	24549	450	516
06-Sep	24816	267	533
07-Sep	25115	299	545
08-Sep	25642	527	547
09-Sep	26165	523	553
10-Sep	26610	445	565
11-Sep	27043	433	579
12-Sep	27562	519	587
13-Sep	27902	340	593
14-Sep	28235	333	600
15-Sep	28612	377	606
16-Sep	29061	449	617
17-Sep	29576	515	630
18-Sep	30186	610	639
19-Sep	30840	654	652
20-Sep	31243	403	663
21-Sep	31632	389	675
22-Sep	31994	362	684
23-Sep	32630	636	694
24-Sep	33075	445	701
25-Sep	33588	513	719
26-Sep	33902	314	722
27-Sep	34186	284	732
28-Sep	34593	407	745
29-Sep	35021	428	766
30-Sep	35388	367	777
01-Oct	35784	396	785
02-Oct	36165	381	793

Note: The Number of Confirmed Cases and the Number of Deaths are cumulative values while the Number of New Cases is not cumulative and reflects the daily number of cases. Please see Issue 10 for the explanation on how the cumulative values are derived. Please check previous Issues for the data for earlier dates.

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TABLE 1A: SUMMARY OF SELECTED VARIABLES BY COUNTRY AS AT 2 OCTOBER 2020

Country	Confirmed Cases	New Cases	Deaths	Recoveries	Active Cases	Tests Conducted
Total Member States	35,002	2,559	776	22,665	11,462	254,379
Antigua and Barbuda	106	8	3	94	9	2813
The Bahamas	4332	542	112	2375	1828	21173
Barbados	196	6	7	182	7	24360
Belize	2080	272	28	1290	762	15323
Dominica	31	1	0	24	7	2612
Grenada	24	0	0	24	0	1125
Guyana	2968	259	85	1776	1107	14520
Haiti	8819	96	229	6992	1598	28898
Jamaica	6795	941	130	2345	4239	80055
Montserrat	13	0	1	11	0	383
Saint Lucia	27	0	0	27	0	8371
St Kitts and Nevis	19	0	0	17	2	2431
St Vincent and the Grenadines	64	0	0	64	0	5225
Suriname	4899	82	105	4715	79	15163
Trinidad and Tobago	4629	352	76	2729	1824	31927
Total Associate Members	1,163	18	17	1,098	47	114,685
Anguilla	3	0	0	3	0	662
Bermuda	181	0	9	169	3	65904
British Virgin Islands	71	0	1	66	4	4841
Cayman Islands	213	3	1	209	3	39814
Turks and Caicos Islands	695	15	6	651	37	3464
Total CARICOM	36,165	2,577	793	23,763	11,509	369,064

Notes:

1. New Cases are for the period 26 September - 02 October 2020.
2. Data for some countries for the number of tests conducted are often not continuously updated and should be used with caution.
3. For The Bahamas, the number of deaths in the Table includes 16 deaths that are under investigation and excludes 17 deaths that are classified as due to non-COVID-19 causes. The total number of deaths of COVID-19 patients is 129.
4. For Jamaica, the number of deaths in the Table includes 11 deaths that are under investigation and excludes 8 deaths that are classified as due to non-COVID-19 causes. The total number of deaths of COVID-19 patients is 138.

What do we learn from the Data?

[as at 2 October 2020]

The number of confirmed cases moved from **33,588 cases** as at **25 September** to **36,165 cases on 2 October**. The number of deaths moved from **719 to 793**. There were **2577 new cases** (3402 new cases for the last period) and **74 new deaths** (80 new deaths for the last period). **Jamaica** led in the number of new cases with **941**, followed by **The Bahamas** with **542**, **Trinidad and Tobago** with **352**, **Belize**, **272**, **Guyana**, **259**, **Haiti**, **96** and **Suriname**, **82**.

Recoveries as at **2 October 2020** stood at **23,763** and active cases at **11,509** as compared to **21,004** recoveries and **11,773** active cases on **25 September**.

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 **five (5) countries** with no active cases as at **2 October**. These countries are:- *Anguilla, Grenada, Montserrat, Saint Lucia and St Vincent and the Grenadines*.
- ♦ **Four (4) countries**, *St. Kitts and Nevis (2), Bermuda (3), Cayman Islands (3) and British Virgin Islands (4)* had **1-4** active cases.
- ♦ **Three (3) countries**- *Barbados(7), Dominica (7) and Antigua and Barbuda (9)* had **5-10** active cases.
- ♦ **One (1) country** had greater than **25** but less than **50** active cases: *Turks and Caicos Islands (37)* with **one (1) country**- *Suriname (79)* having greater than **50** but less than **100** active cases.
- ♦ **The remaining six (6) countries** had **700+** active cases: *Belize (762), Guyana (1107), Haiti (1598), Trinidad and Tobago (1824), The Bahamas (1828) and Jamaica (4239)*.

Recoveries

- ♦ As mentioned earlier, there were **five countries** for which all active cases had recovered as at **2 October**.
- ♦ Among the other countries, **Haiti** had **6992** recoveries (**79 percent** of its total confirmed cases), **Suriname**, **4715** (**96 percent**), **Trinidad and Tobago** **2729** (**59 percent**), **The Bahamas**, **2375** (**55 percent**), **Jamaica**, **2345** (**35 percent**), **Guyana** **1776**, (**60 percent**), **Belize**, **1290** (**62 percent**), **Turks and Caicos Islands**, **651** (**94 percent**) and **Cayman Islands**, **209** (**98 percent**).

Confirmed Cases

- ♦ In absolute terms the countries with the highest numbers of Confirmed Cases are *Haiti, 8819, Jamaica, 6795, Suriname, 4899, Trinidad and Tobago, 4629, The Bahamas, 4332, Guyana, 2968, Belize, 2080, Turks and Caicos Islands, 695, Cayman Islands, 213, Barbados 196 and Bermuda, 181*.
- ♦ In rates per 100,000 population for countries with **25+ cases**, *Turks and Caicos Islands is still in the lead with 1682.81*, followed by *The Bahamas with 1136.05, Suriname with 840.31, Belize with 522.55 and Guyana, 400.54. Trinidad and Tobago* is next with **340.57**.
- ♦ *Haiti* is at **77.28**. *Montserrat (under 25 cases)* has a rate of **260 (13 cases)**. [Please see Table 2 for rates for other countries].

Deaths

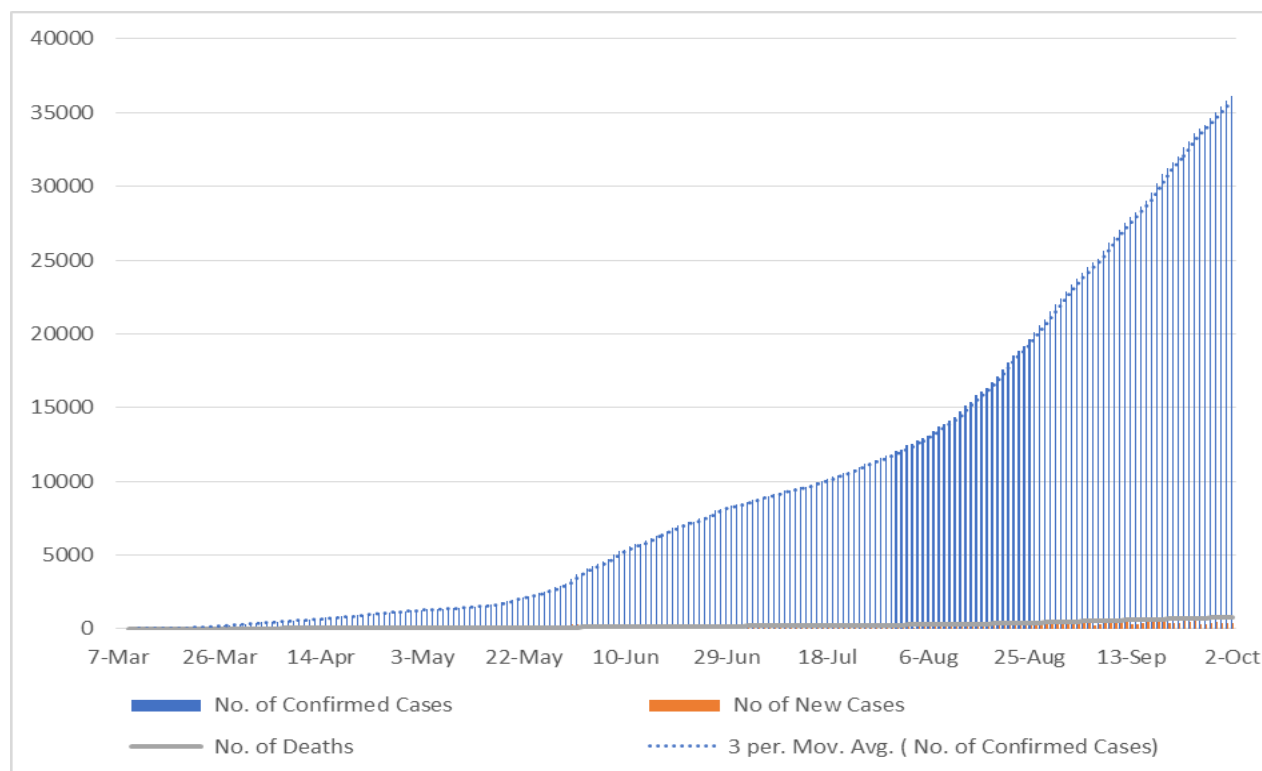
- ♦ *Haiti* has the highest number of deaths as at **2 October** with **229** an increase of **2** from **25 September**. *Jamaica with 130 (+35) is now second followed by The Bahamas 112 (+10), Suriname, 105 (+3), and Guyana, 85 (+12)*.
- ♦ *Trinidad and Tobago* has **76 deaths** (**+6**), *Belize, 28 (+5) and Turks and Caicos Islands 6 (+1)*. *The Bahamas* has a total of **129 deaths of COVID-19 patients including 17 that are classified as non-COVID-19 causes and 16 under investigation**. Similarly, *Jamaica* has a total of **138 deaths of COVID-19 patients -including 8 classified as non-COVID-19 causes and 11 under investigation**. The deaths under investigation are included in the Tables and those classified as non-COVID-19 causes are excluded.
- ♦ The number of deaths per 100,000 population is the highest in **The Bahamas** with **29.37**, *Montserrat* follows with **20 (1)**, *Suriname, 18.01, Turks and Caicos Islands, 14.53 and Bermuda, 14.07 (9)*. *Haiti* has a rate of **2.01**.
- ♦ 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 **5.0**, *Barbados, 3.6 (7), Guyana, 2.9 and Antigua and Barbuda, 2.8 (3)*.

Testing- [Tracking the pandemic]

- ♦ *Bermuda*, with a rate per 100,000 of the number of tests conducted of **103,018.5 (65,904 tests)**, has the highest rate followed by *Cayman Islands* with **60,495.6 (39,814 tests)**, *British Virgin Islands 16,606.6 (4841 tests)*, *Barbados, 8870.0 (24,360 tests) and Turks and Caicos Islands with 8387.4 (3464 tests)*. *Jamaica* has conducted the highest number of tests with **80,055** but is in **fifteenth place** with **2935.1 tests per 100,000 population**.

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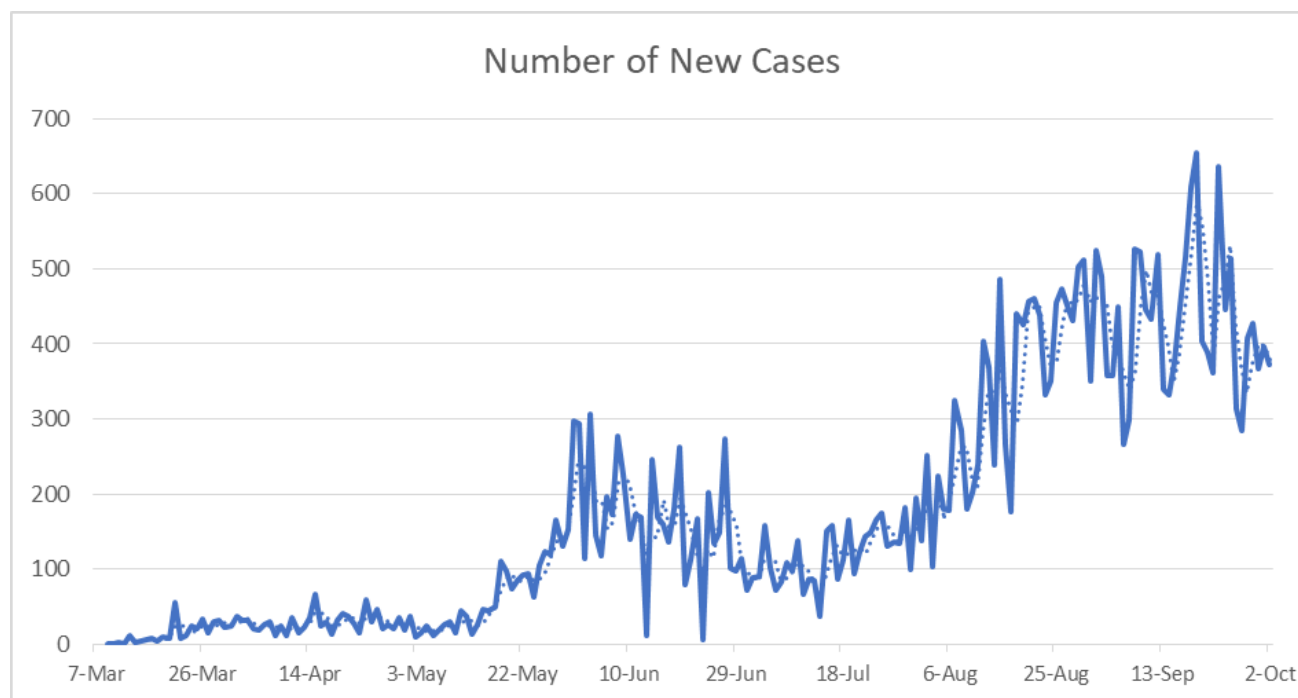
CHART 1: SUMMARY ALL COUNTRIES - NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS – 10 MARCH - 2 OCTOBER 2020



Note: : The number of confirmed cases moved from **33,588** as at **25 September** to **36,165** as at **02 October**, increasing by **2577 cases**, while the number of deaths moved from **719** to **793**, an increase of **74**.

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**CHART 1A: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES -
10 MARCH - 2 OCTOBER 2020**

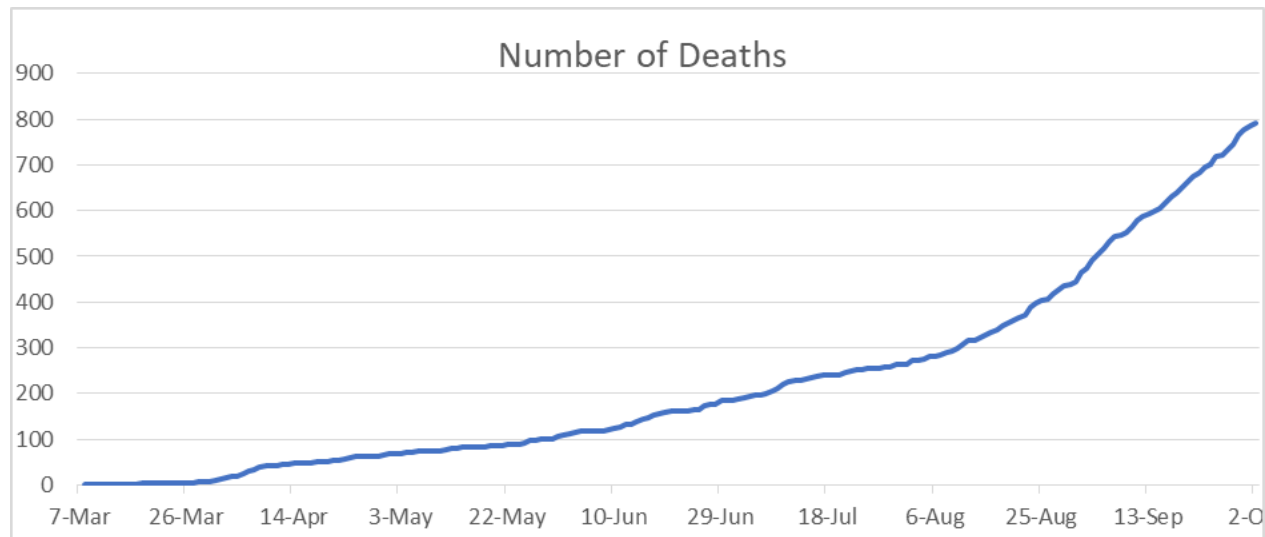


Note:

The total number of new cases for the period **26 September- 02 October** is **2577** as compared to **3402** during the last reporting period **19-25 September**, a decrease of **825** new cases. **Jamaica** had the highest number of new cases, with **941 (36.5 percent of the total new cases for CARICOM)**, followed by **The Bahamas with 542 (21 percent)**, **Trinidad and Tobago, 352 (13.7 percent)**, **Belize with 272 (10.6 percent)**, **Guyana, 259 (10.1 percent)**, **Haiti with 96 (3.7 percent)** and **Suriname, 82 (3.2 percent)**. The increasing trend in the number of new cases is evident in **Chart 1A**.

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**CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF DEATHS -
10 MARCH - 2 OCTOBER 2020**



Note: The total number of deaths this reporting period **26 September-2 October** is **793**, an increase of **74** from the previous reporting period **19-25 September**.

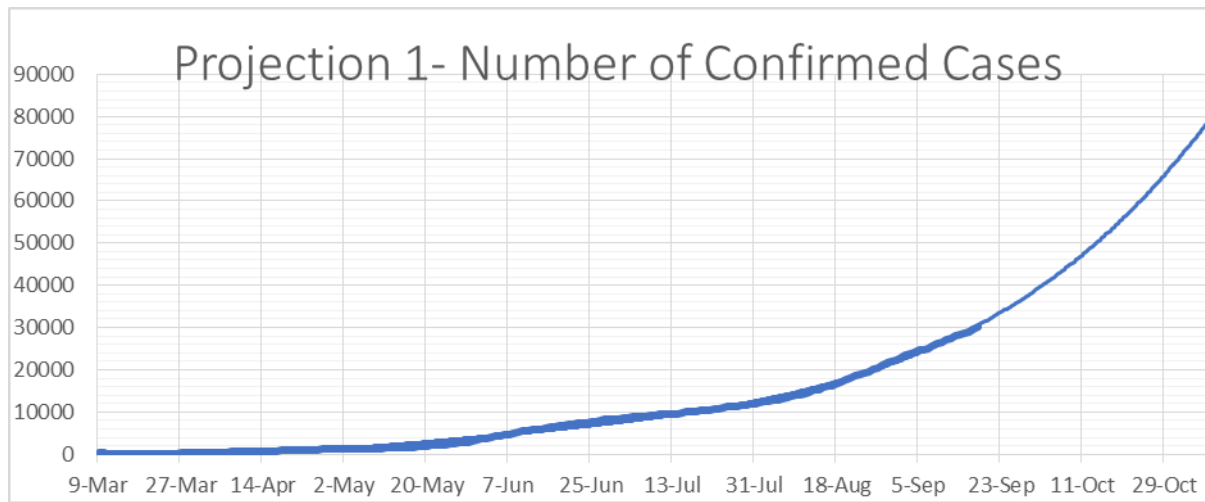
Haiti leads with **229 deaths** followed by **Jamaica with 130**, **The Bahamas, 112**, **Suriname, 105**, **Guyana with 85 deaths**, **Trinidad and Tobago, 76** and **Belize, 28**.

The number of deaths for **The Bahamas, 112**, includes **16 deaths** of COVID-19 patients that are classified as under investigation and excludes **17 deaths** that are classified as due to non-COVID-19 causes. This implies that a total of **129 COVID-19 patients** have died in this Member State as at **2 October**.

The total number of deaths for Jamaica, **130**, includes **11 deaths** that are classified as under investigation and excludes **8 deaths** that are stated to be due to non-COVID-19 causes, implying that **138 COVID-19 patients** have died in Jamaica as at **2 October**.

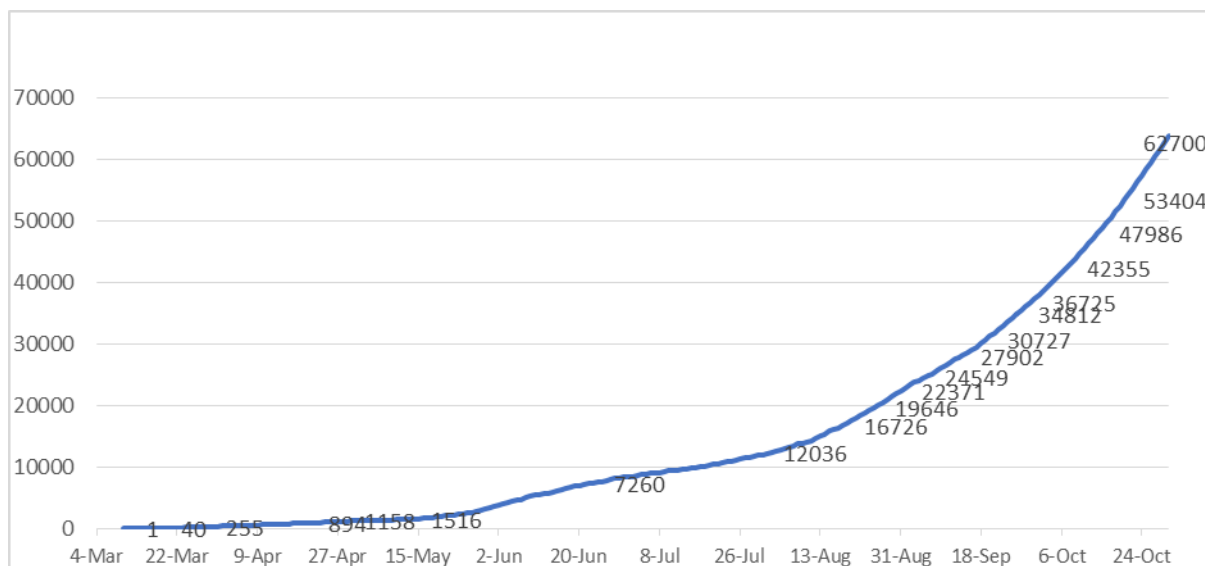
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**CHART 2: PROJECTION 1-ESTIMATED NUMBER OF CONFIRMED CASES
EXTENDED TO NOVEMBER 2020**



Note: The non-linear trendline gave a projected value **2 October** of **38,000**. The actual value as at **2 October** is **36,165**, a difference of **1835**. The projected value for **9 October** is **44,000**.

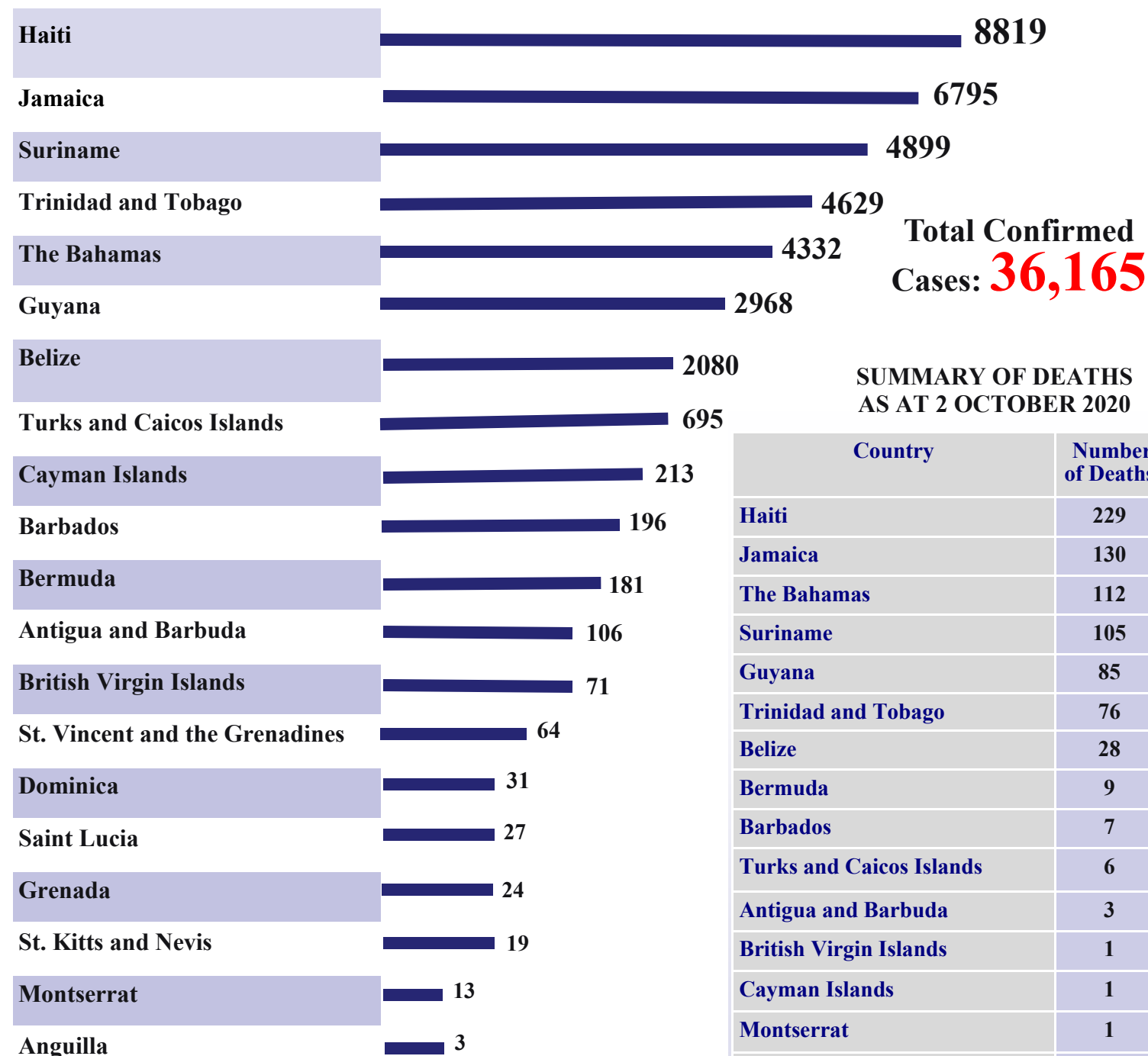
**CHART 2A: UPDATED PROJECTION USING GROWTH RATES
(16 – 18 SEPTEMBER) OF THE NUMBER OF CONFIRMED CASES
PROJECTED UP TO OCTOBER 2020**



Note: The projected value for **2 October** was **38,743**. The actual value is **36,165**, a difference of **2578**. The projected value for **9 October** is **43,893**.

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SUMMARY OF CONFIRMED CASES AS AT 2 OCTOBER 2020



SUMMARY OF DEATHS AS AT 2 OCTOBER 2020

Country	Number of Deaths
Haiti	229
Jamaica	130
The Bahamas	112
Suriname	105
Guyana	85
Trinidad and Tobago	76
Belize	28
Bermuda	9
Barbados	7
Turks and Caicos Islands	6
Antigua and Barbuda	3
British Virgin Islands	1
Cayman Islands	1
Montserrat	1
Dominica	0
Grenada	0
Saint Lucia	0
St. Kitts and Nevis	0
St. Vincent and the Grenadines	0
Anguilla	0

Note: The number of confirmed cases in Haiti is **8819**, which is about **1.3 times** the number of confirmed cases in Jamaica (second) that has **6795** confirmed cases. Suriname (third) has **4899** confirmed cases. Trinidad and Tobago (fourth) has **4629**, followed by The Bahamas (fifth) with **4332** confirmed cases. **Guyana (sixth)** has **2968** confirmed cases; **Belize (seventh)** has **2080** confirmed cases, with **Turks and Caicos Islands (eighth)** with **695**. **Jamaica** had **+35** death, including **11** deaths under investigation (UI) and excluding **8** COVID-19 coincidental deaths (CD). The Bahamas has **+10** deaths, including **16** deaths UI and excluding **17** COVID-19 CDs. Guyana had **+12** deaths, Trinidad and Tobago had **+6** deaths. Belize had **+5**, Suriname had **+3** deaths and **Haiti had (+2)**. The Bahamas has 129 deaths if all deaths are counted and similarly, Jamaica has 138.

Total Deaths: 793

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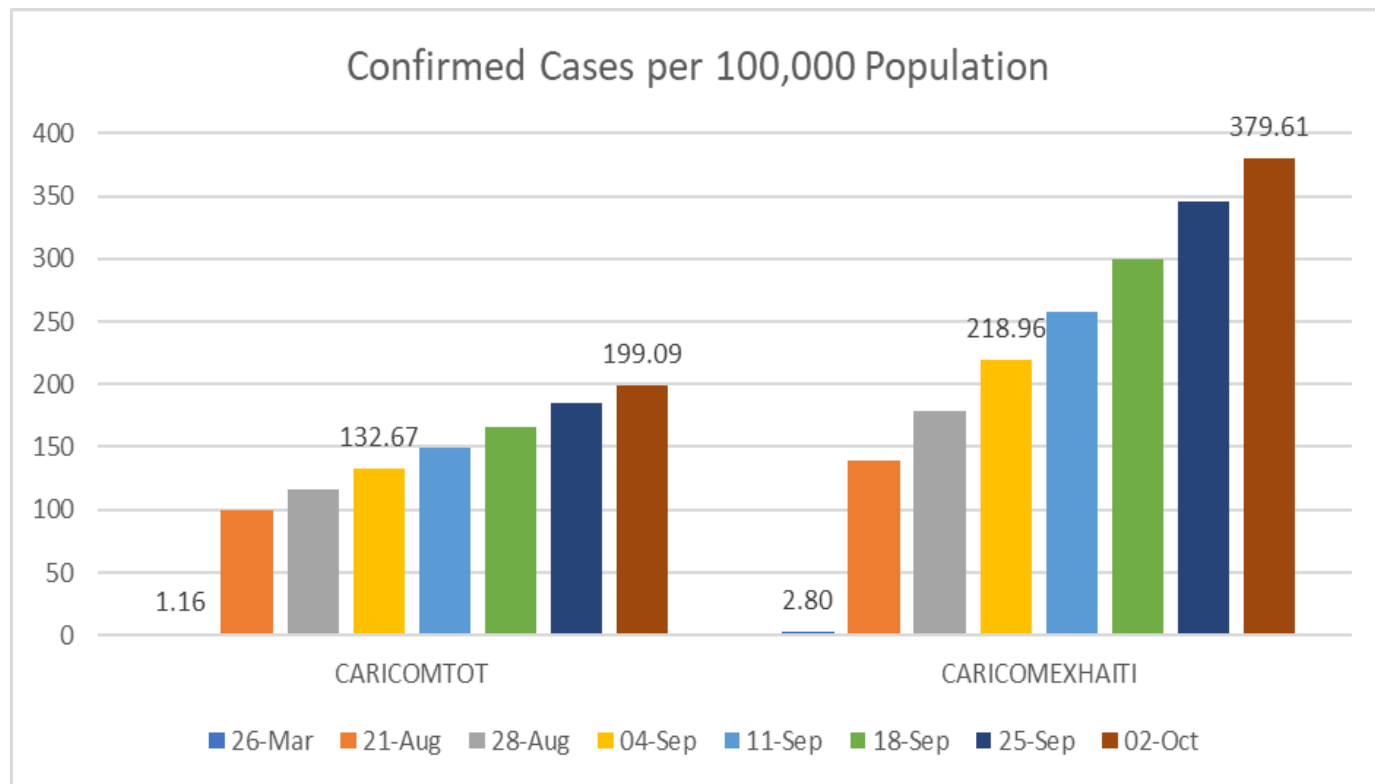
TABLE 2: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION IN CARICOM –SELECTED COUNTRIES– 21 AUGUST – 2 OCTOBER

COUNTRY	21-Aug	28-Aug	04-Sep	11-Sep	18-Sep	25-Sep	04-October
CARICOM -ALL COUNTRIES	99.42	115.62	132.67	148.87	166.17	184.90	199.09
CARICOM EXCLD HAITI	139.41	178.26	218.96	258.01	299.65	345.17	379.61
ANTIGUA AND BARBUDA	98.93	98.93	99.99	99.99	99.99	103.14	111.56
THE BAHAMAS	446.61	539.44	649.32	753.70	842.86	993.92	1136.05
BARBADOS	57.17	60.44	64.81	65.54	67.36	68.82	71.37
BERMUDA	261.05	262.61	273.55	276.68	281.37	282.93	282.93
BELIZE	162.79	218.57	289.41	360.51	399.45	454.21	<u>522.55</u>
BRITISH VIRGIN ISLANDS		126.93	216.12	219.55	236.70	243.56	243.56
CAYMAN ISLANDS	311.49	311.49	311.49	316.05	317.57	319.09	323.64
DOMINICA					34.72	41.67	43.06
GUYANA	118.89	159.24	191.09	237.92	283.67	365.59	400.54
HAITI	70.24	71.52	72.96	74.11	75.36	76.44	77.28
JAMAICA	49.35	73.73	108.67	132.83	174.45	214.63	249.13
SAINT LUCIA	14.53	14.53	14.53	14.53	15.08	15.08	15.08
ST VINCENT AND THE GRENADINES	52.25	54.05	54.95	55.86	57.66	57.66	57.66
SURINAME	593.48	660.03	729.33	776.84	804.63	826.24	840.31
TRINIDAD & TOBAGO	63.57	114.33	150.09	207.84	268.62	314.67	340.57
TURKS AND CAICOS ISLANDS	840.19	1186.44	1430.99	1552.06	1615.01	1646.49	1682.81

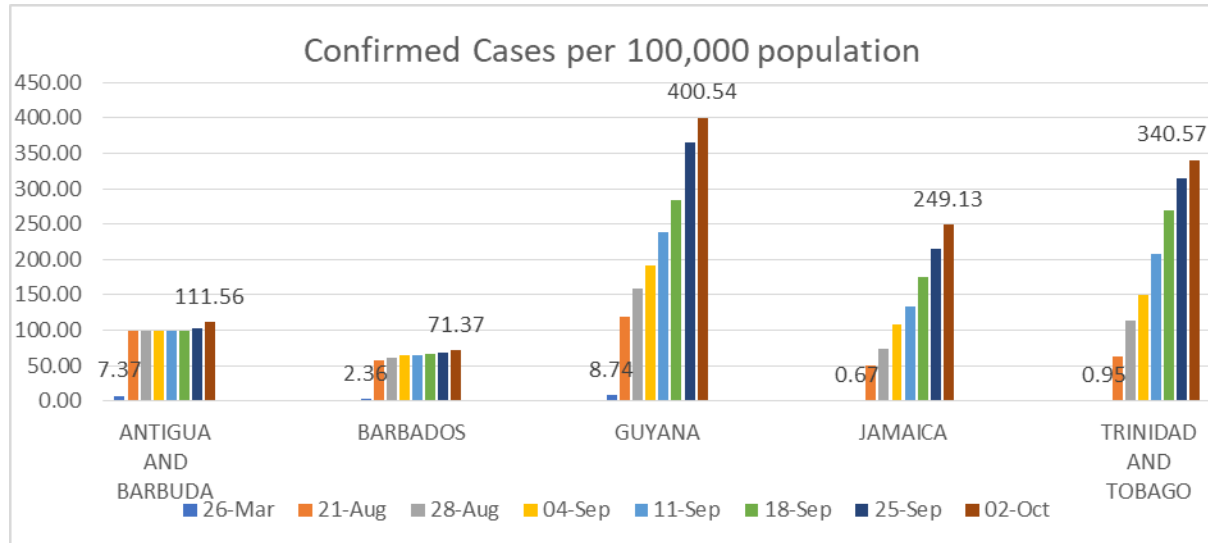
Note: Please check the [Explanatory Notes repeated in this Issue](#) for the use of rates per 100,000 population in comparing values across countries.

Of the countries with 25 + confirmed cases, the top five countries for the number of confirmed cases per 100,000 population as at 2 October are: *Turks and Caicos Islands (1682.81), The Bahamas (1136.05), Suriname (840.31), Belize (522.55) and Guyana (400.54). Trinidad and Tobago has passed Cayman Islands and has a rate of 340.57. Cayman Islands follows with 323.64. Haiti with the highest number of confirmed cases has a rate of 77.28.* Montserrat (less than 25 confirmed cases) not shown in this table has a rate of 260 cases per 100, 000 population. Information on the number of confirmed cases per 100, 000 population for those countries that are not shown can be requested. Please check previous Issues for rates for earlier periods.

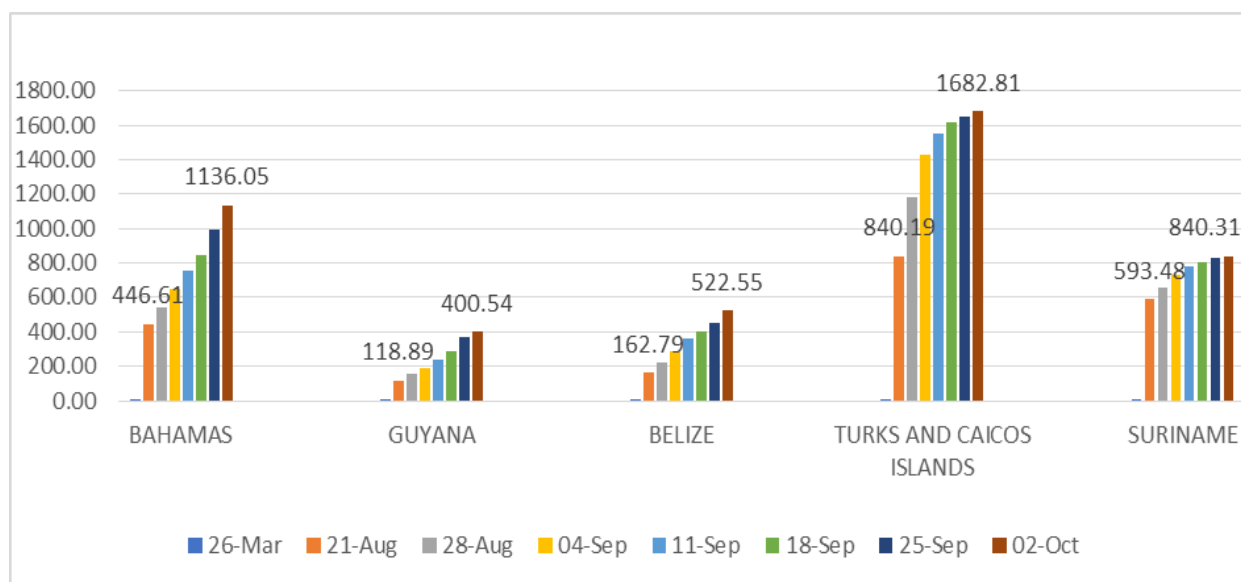
**CHART 3: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION-
CARICOM WITH AND WITHOUT HAITI 26 MARCH-2 OCTOBER 2020**



**CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION –
SELECTED COUNTRIES 26 MARCH– 2 OCTOBER 2020**



**CHART 3B: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION –
SELECTED COUNTRIES (INCLUDING SURINAME AND TURKS AND CAICOS
ISLANDS)
26 MARCH– 2 OCTOBER 2020**



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CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS -26 MARCH– 2 OCTOBER 2020

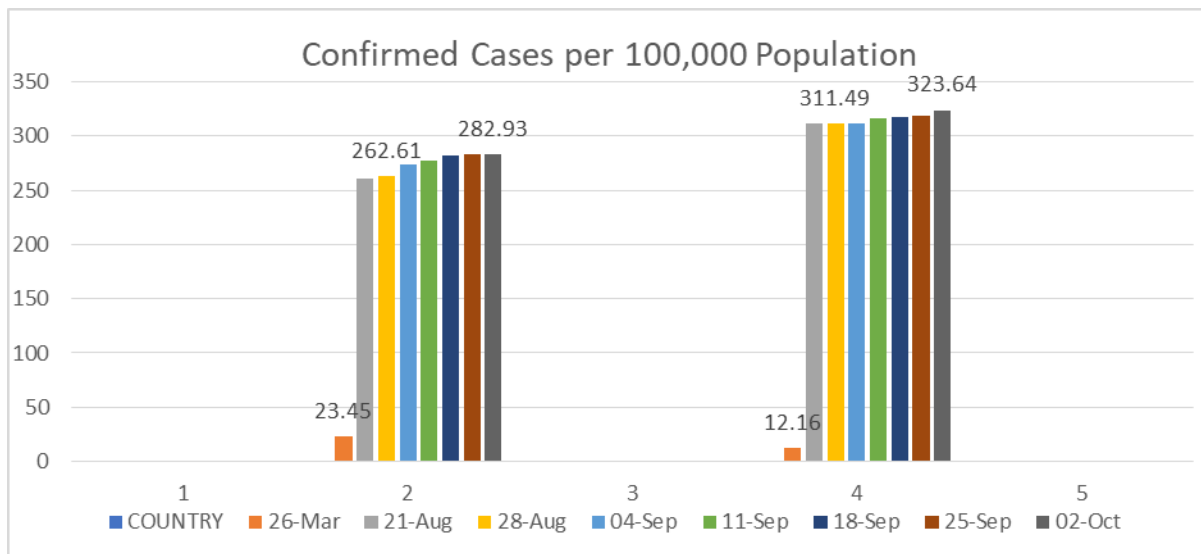
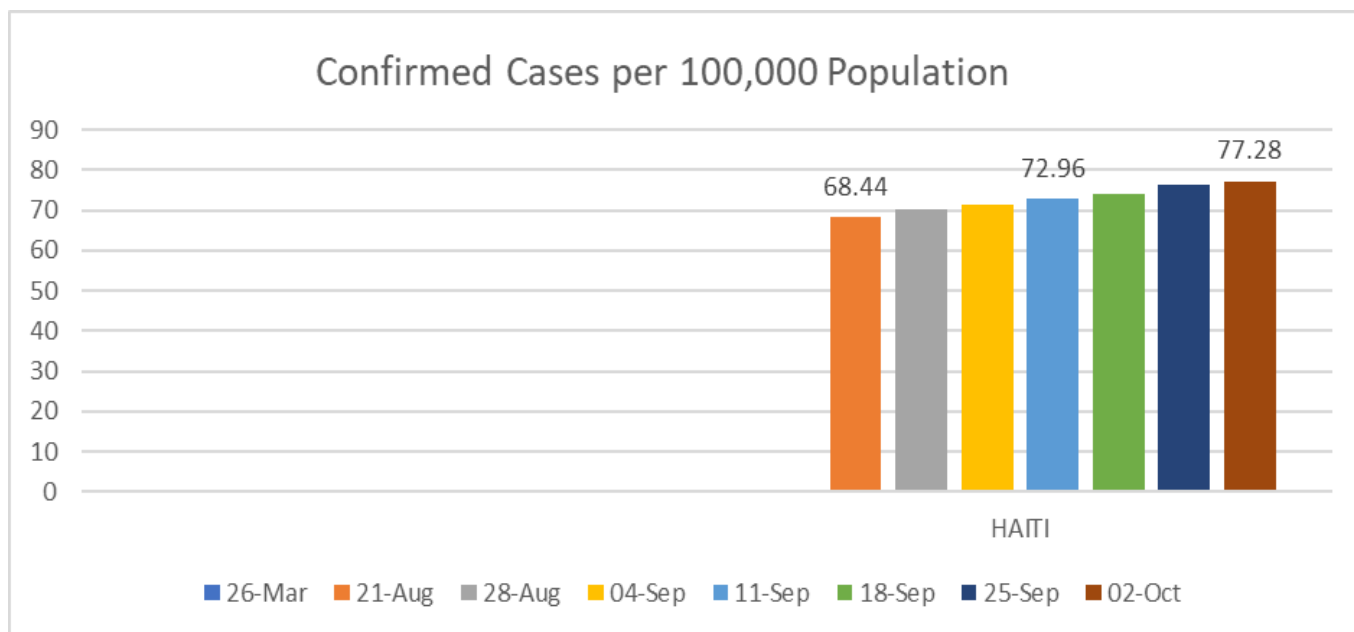
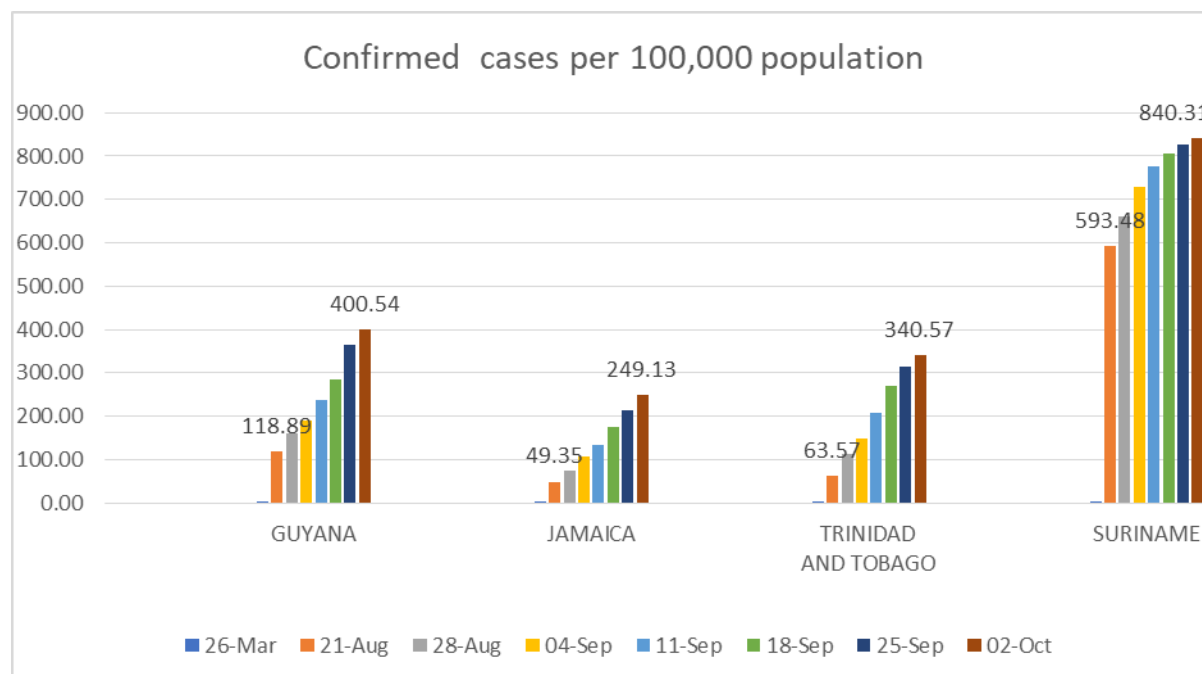


CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- HAITI - 26 MARCH– 2 OCTOBER 2020

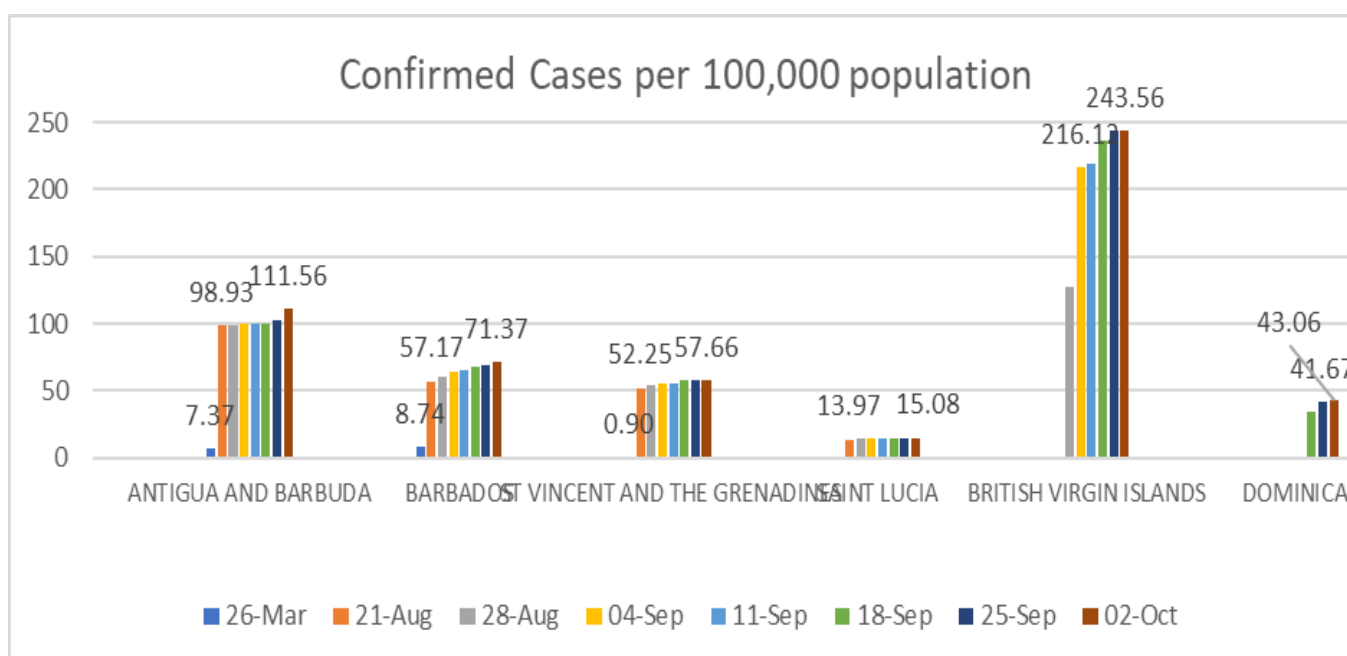


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**CHART 3E: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
GUYANA, JAMAICA, TRINIDAD AND TOBAGO AND SURINAME
26 MARCH– 2 OCTOBER 2020**



**CHART 3F: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
ANTIGUA AND BARBUDA, BARBADOS, ST. VINCENT AND THE GRENADINES
SAINT LUCIA, BRITISH VIRGIN ISLANDS AND DOMINICA
26 MARCH– 2 OCTOBER 2020**



Special Topic Bulletin - COVID 19
**TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION
21 AUGUST– 2 OCTOBER 2020**

	DATE						
	21- August	28- August	04- September	11- September	18 - September	25 - September	02- October
CARICOM - ALL COUNTRIES	2.02	2.35	2.79	3.19	3.52	3.96	4.37
CARICOM EXCL. HAITI	2.37	3.14	4.10	5.04	5.80	6.83	7.83
ANTIGUA AND BARBUDA	3.16	3.16	3.16	3.16	3.16	3.16	3.16
THE BAHAMAS	7.08	13.11	18.36	20.19	23.08	26.75	29.37
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	1.26	3.01	3.77	4.77	5.02	5.78	7.03
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	4.18	4.72	5.94	7.02	8.37	9.85	11.47
HAITI	1.72	1.76	1.86	1.89	1.94	1.99	2.01
JAMAICA	0.59	0.70	1.21	1.65	2.38	3.48	4.77
MONTSERRAT	20.00	20.00	20.00	20.00	20.00	20.00	20.00
SURINAME	9.61	11.32	12.86	15.95	16.47	17.50	18.01
TRINIDAD & TOBAGO	0.88	1.40	2.28	3.68	4.41	5.15	5.59
TURKS AND CAICOS ISLANDS	4.84	7.26	12.11	12.11	12.11	12.11	14.53

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

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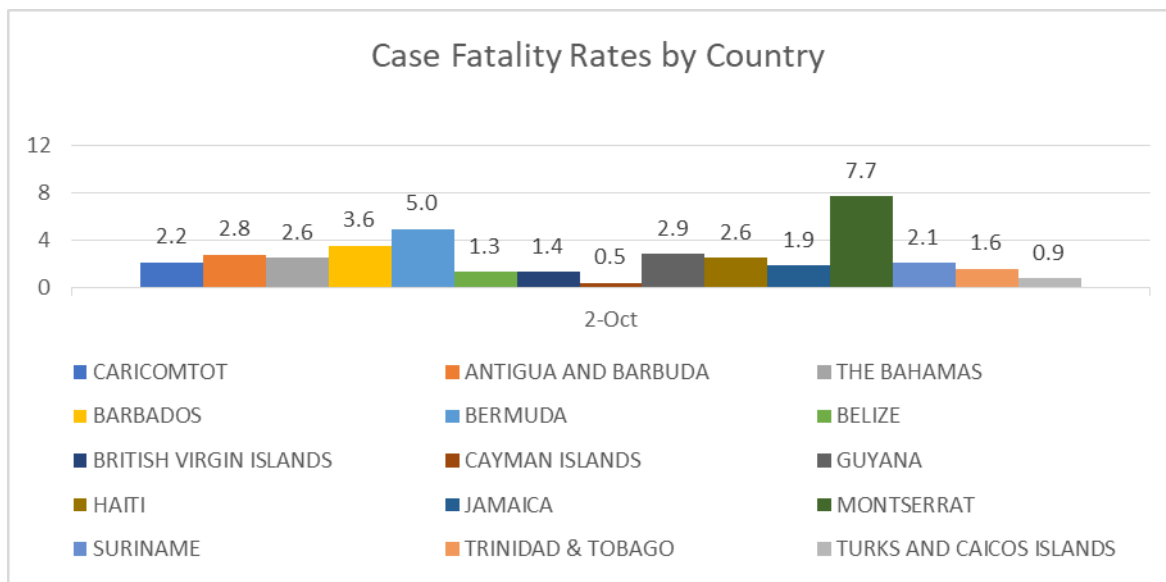
**TABLE 3A: DEATHS AS A PERCENTAGE OF THE NUMBER OF
CONFIRMED CASES– CASE FATALITY RATES –21 AUGUST – 2 OCTOBER**

	DATE						
COUNTRY	21- August	28- August	04– September	11– September	18 - September	25 - September	02- October
CARICOM-ALL COUN- TRIES	2.0	2.0	2.1	2.1	2.1	2.1	2.2
ANTIGUA AND BARBUDA	3.2	3.2	3.2	3.2	3.2	3.1	2.8
THE BAHAMAS	1.6	2.4	2.8	2.7	2.7	2.7	2.6
BARBADOS	4.5	4.2	3.9	3.9	3.8	3.7	3.6
BERMUDA	5.4	5.4	5.1	5.1	5.0	5.0	5.0
BELIZE	0.8	1.4	1.3	1.3	1.3	1.3	1.3
BRITISH VIRGIN ISLANDS	9.1	2.9	1.6	1.6	1.4	1.4	1.4
CAYMAN ISLANDS	0.5	0.5	0.5	0.5	0.5	0.5	0.5
GUYANA	3.5	3.0	3.1	2.9	2.9	2.7	2.9
HAITI	2.4	2.5	2.5	2.6	2.6	2.6	2.6
JAMAICA	1.2	0.9	1.1	1.2	1.4	1.6	1.9
MONTSERRAT	7.7	7.7	7.7	7.7	7.7	7.7	7.7
SURINAME	1.6	1.7	1.8	2.1	2.0	2.1	2.1
TRINIDAD & TOBAGO	1.4	1.2	1.5	1.8	1.6	1.6	1.6
TURKS AND CAICOS ISLANDS	0.6	0.6	0.8	0.8	0.7	0.7	0.9

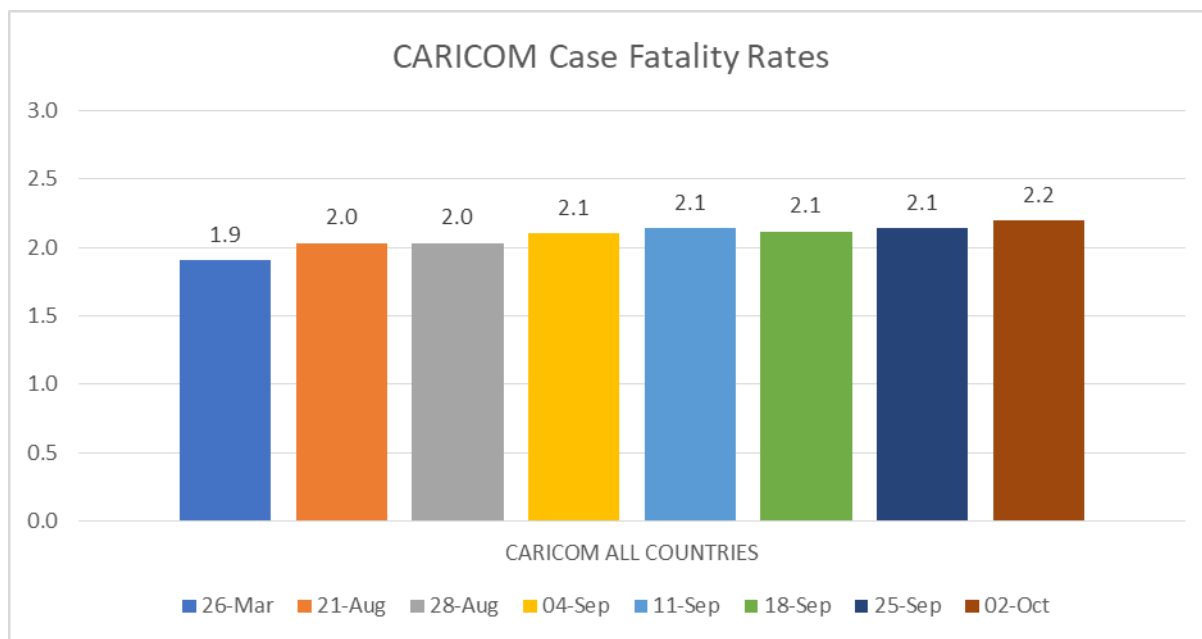
Note: The number of deaths to confirmed cases reflects a fatality rate that does not take the population size into consideration. Please check previous issues for values for earlier periods.

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**CHART 4: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
ALL COUNTRIES-CASE FATALITY RATES AS AT 2 OCTOBER 2020**

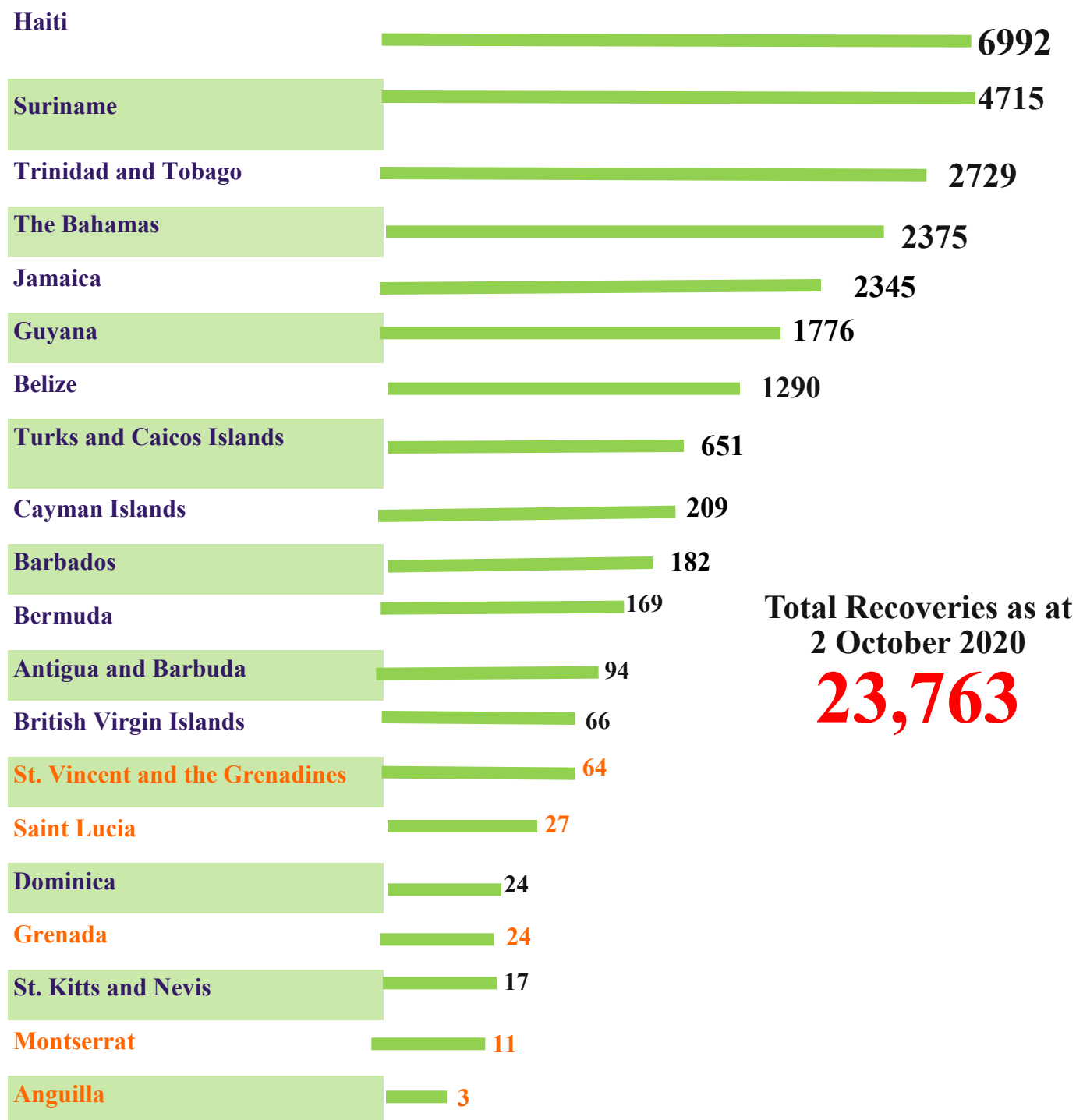


**CHART 4A: CARICOM—ALL COUNTRIES- CASE FATALITY RATES
26 MARCH - 2 OCTOBER**



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SUMMARY OF RECOVERED CASES AS AT 2 OCTOBER 2020



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

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TABLE 4: ACTIVE CASES, RECOVERIES, NUMBER OF TESTS CONDUCTED AND HOSPITALISATIONS AS AT 2 OCTOBER 2020

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPITALISATIONS
Haiti	8819	6992	1598	28898	
Suriname	4899	4715	79	15163	37
Trinidad and Tobago	4629	2729	1824	31927	103
The Bahamas	4332	2375	1828	21173	102
Jamaica	6795	2345	4239	80055	151
Guyana	2968	1776	1107	14520	
Belize	2080	1290	762	15323	
Turks and Caicos Islands	695	651	37	3464	2
Cayman Islands	213	209	3	39814	0
Barbados	196	182	7	24360	
Bermuda	181	169	3	65904	0
Antigua and Barbuda	106	94	9	2813	
British Virgin Islands	71	66	4	4841	
St Vincent and the Grenadines	64	64	0	5225	0
Saint Lucia	27	27	0	8371	0
Dominica	31	24	7	2612	
Grenada	24	24	0	1125	0
St Kitts and Nevis	19	17	2	2431	
Montserrat	13	11	0	383	0
Anguilla	3	3	0	662	0
Total	36,165	23,763	11,509	369,064	

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

All active cases in **Anguilla, Grenada, Montserrat, Saint Lucia** and **St Vincent and the Grenadines** have recovered up to the end of the reporting period **2 October**.

The following countries **had no active cases** in past reporting periods and now have active cases: **St Kitts and Nevis (2), Bermuda (3), Cayman Islands (3), British Virgin Islands (4), Barbados (7), Dominica (7), Antigua and Barbuda (9), Turks and Caicos Islands (37), Suriname (79), Belize (762)** and **Trinidad and Tobago (1824)**.

Guyana has 1107 active cases, **The Bahamas has 1828** active cases, **Haiti, 1598** and **Jamaica, 4239**.

Twelve (12) countries have 10 or less active cases, the same as for the last reporting period.

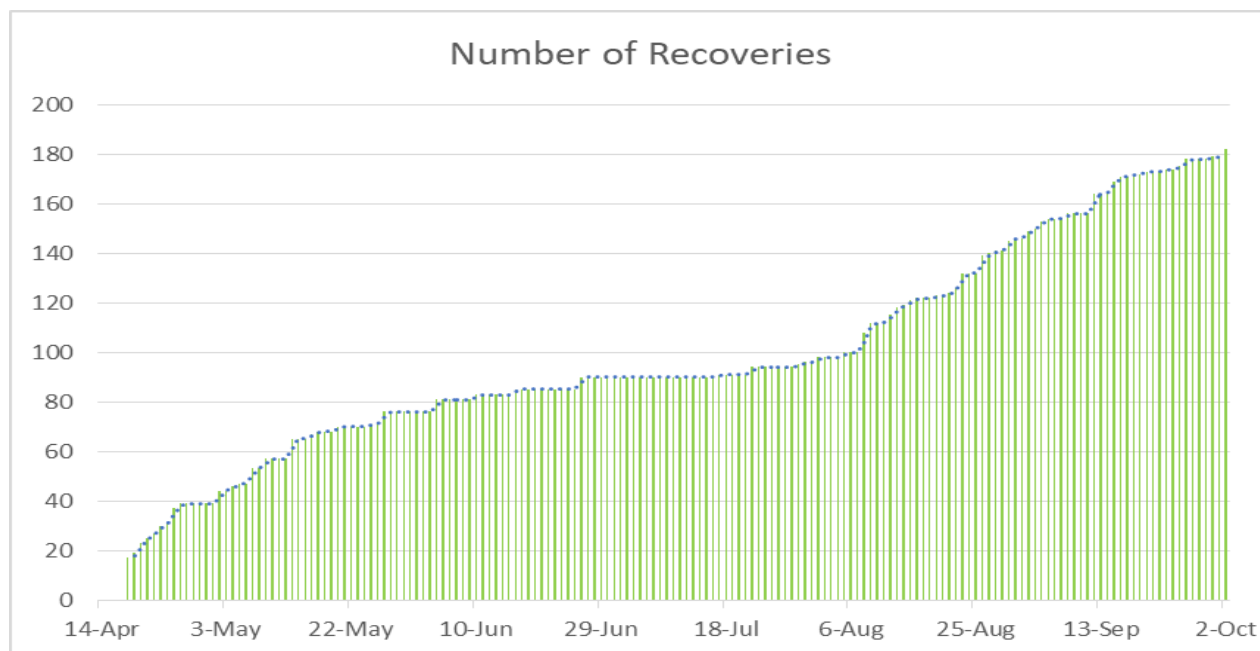
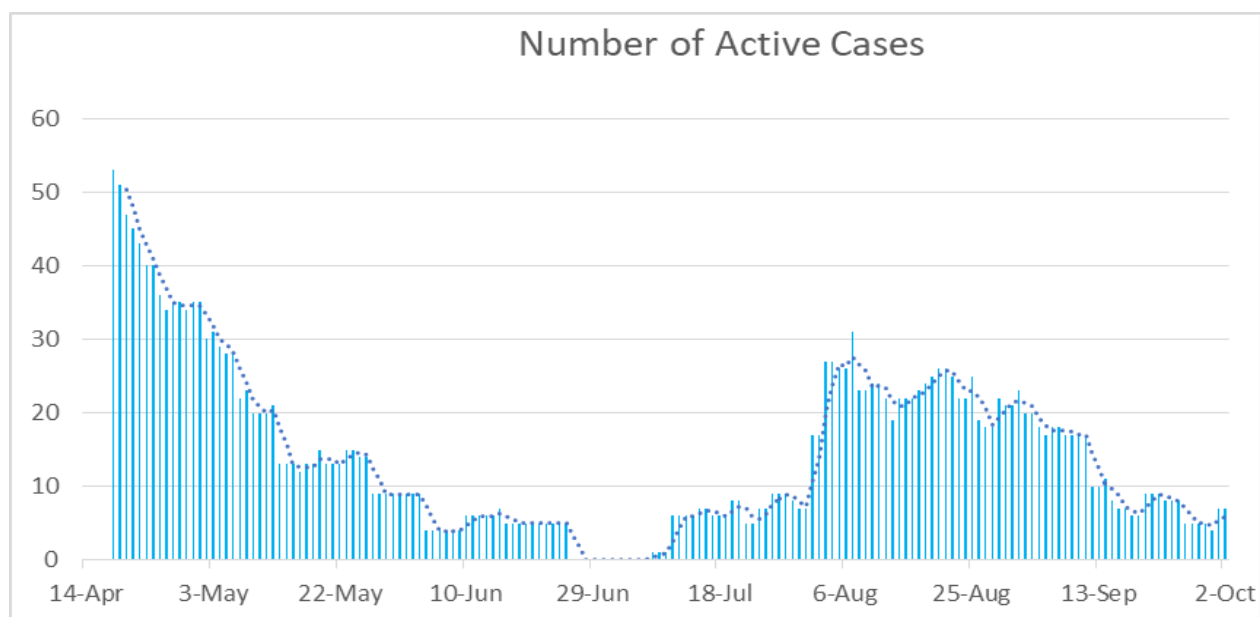
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Table 5: NUMBER OF TESTS AND RATE PER 100,000 POPULATION – AS AT 2 OCTOBER 2020

COUNTRY	NO. OF TESTS	NO. OF TESTS PER 100,000
Anguilla	662	4413.3
Antigua and Barbuda	2813	2960.6
Bahamas	21,173	5552.6
Barbados	24,360	8870.0
Belize	15,323	3849.5
Bermuda	65,904	103,018.5
British Virgin Islands	4841	16,606.6
Cayman Islands	39,814	60,495.6
Dominica	2612	3627.8
Grenada	1125	1009.3
Guyana	14,520	1959.5
Haiti	28,702	251.5
Jamaica	80,055	2935.1
Montserrat	383	7660.0
Saint Lucia	8371	4676.5
St Kitts and Nevis	2431	4586.8
St Vincent and the Grenadines	5225	4707.2
Suriname	15,163	2600.9
Trinidad and Tobago	31,927	2349.0
Turks and Caicos Islands	3464	8387.4

Note: The top five countries based on the number of tests per 100,000 population are: **Bermuda, (103,018.5), Cayman Islands (60,495.6), British Virgin Islands (16,606.6), Barbados (8870.0) and Turks and Caicos Islands (8387.4)** 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 RECOVERIES - BARBADOS**18 APRIL - 2 OCTOBER 2020****CHART 5A: NUMBER OF ACTIVE CASES - BARBADOS****18 APRIL - 2 OCTOBER 2020**

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CHART 5B: NUMBER OF RECOVERIES - JAMAICA
18 APRIL– 2 OCTOBER 2020

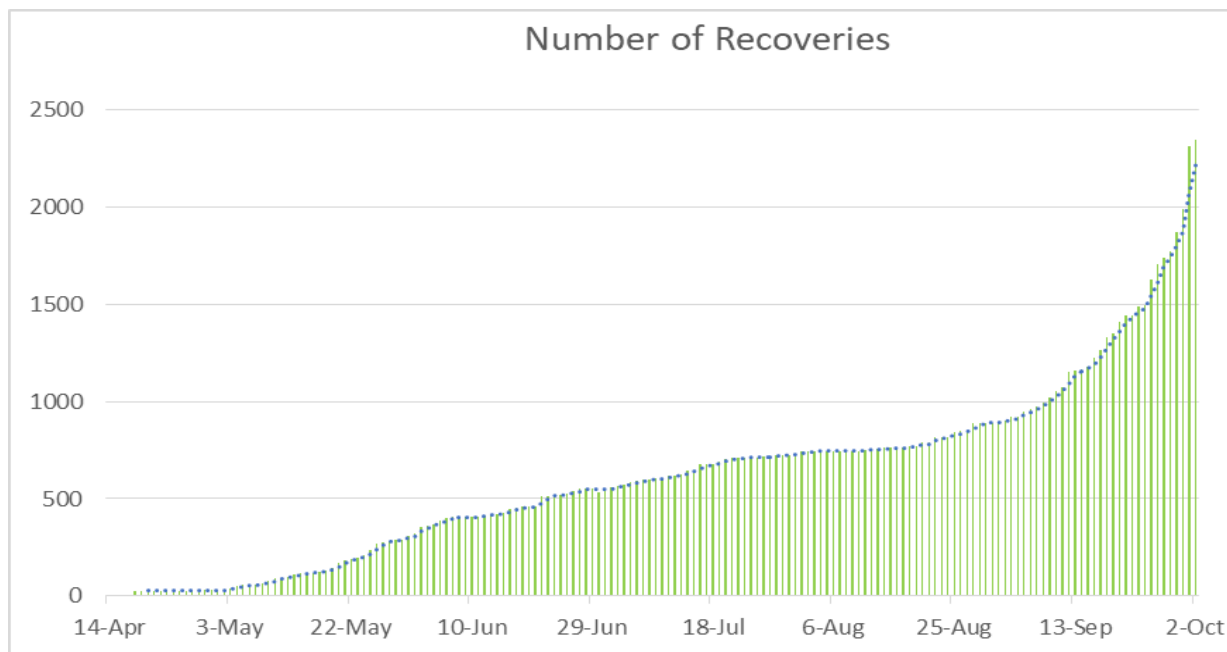
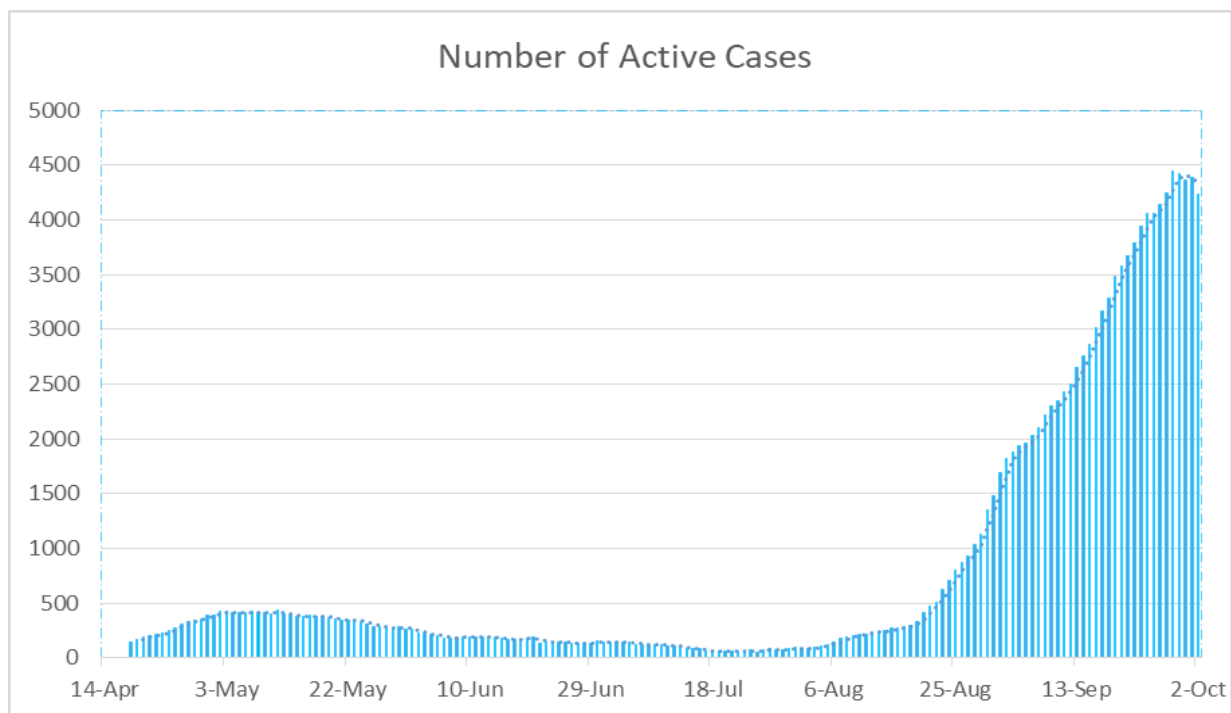


CHART 5C: NUMBER OF ACTIVE CASES - JAMAICA
18 APRIL - 2 OCTOBER 2020



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CHART 5D: NUMBER OF RECOVERIES - TRINIDAD AND TOBAGO
18 APRIL - 2 OCTOBER 2020

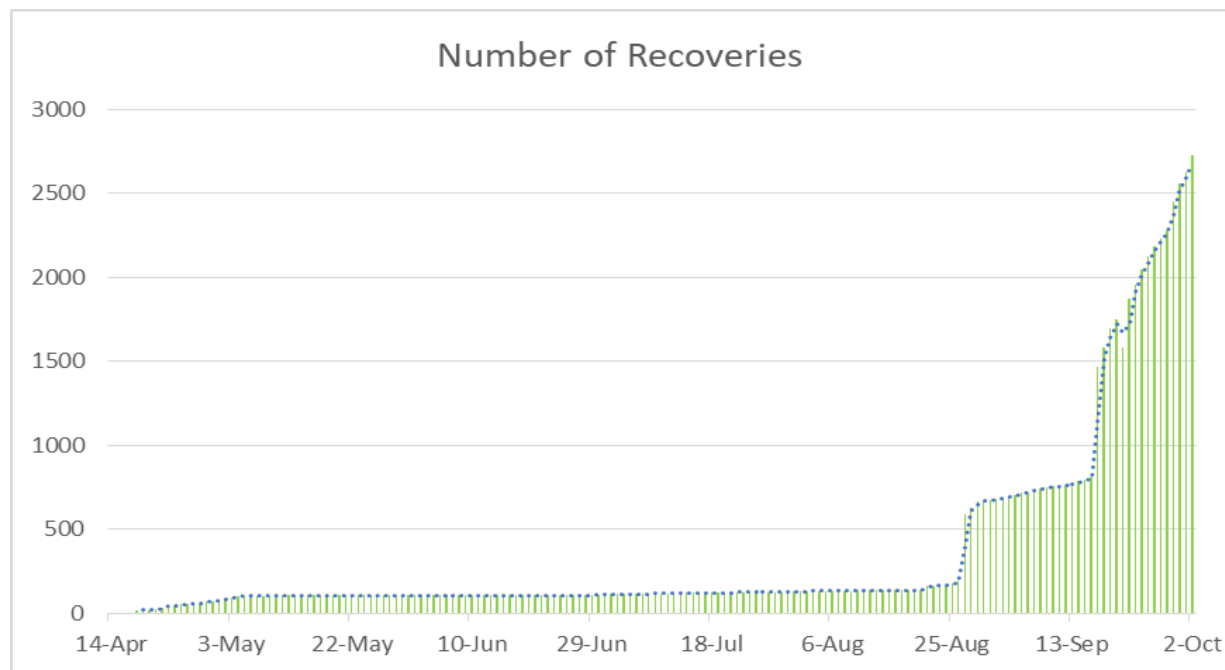
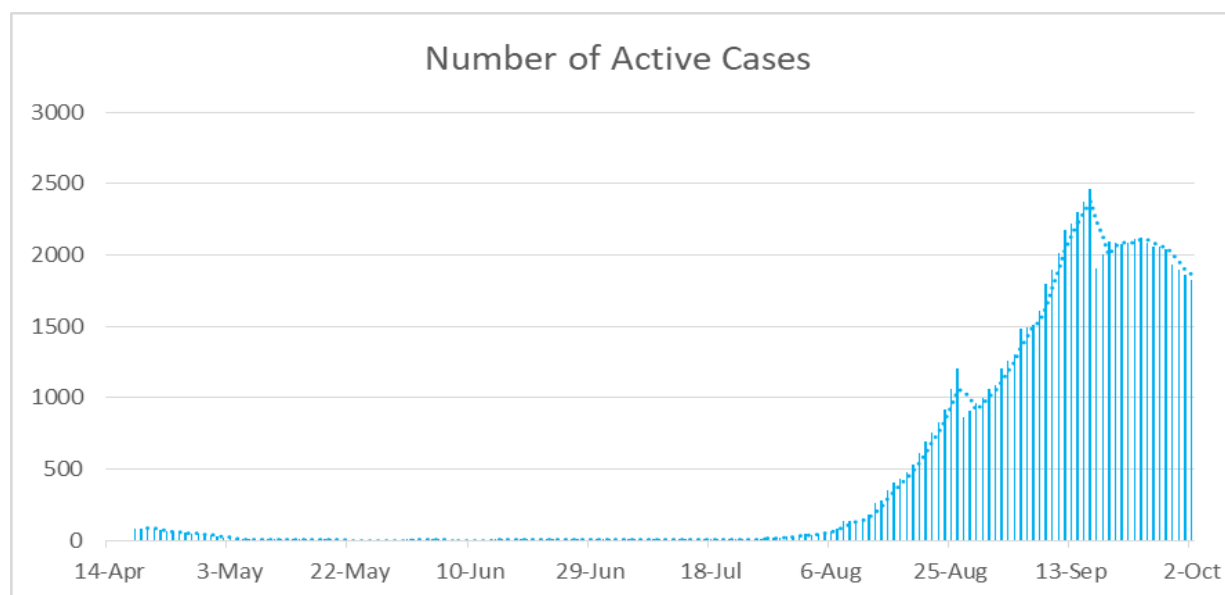


CHART 5E: NUMBER OF ACTIVE CASES- TRINIDAD AND TOBAGO
18 APRIL - 2 OCTOBER 2020



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CHART 5F: NUMBER OF RECOVERIES - BERMUDA
18 APRIL - 2 OCTOBER 2020

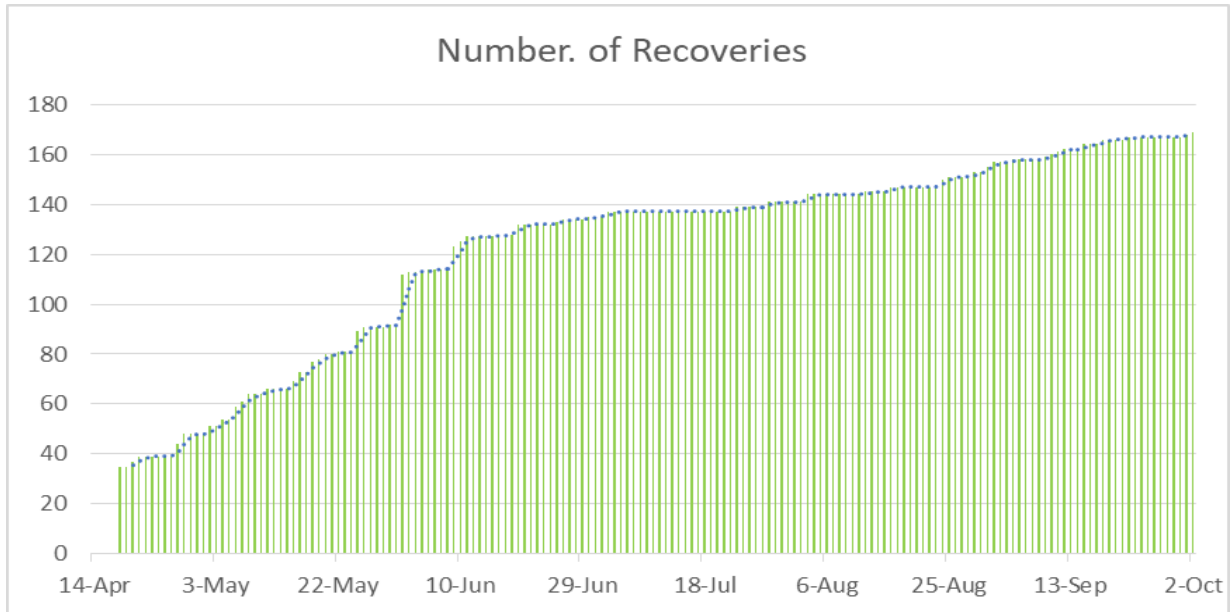
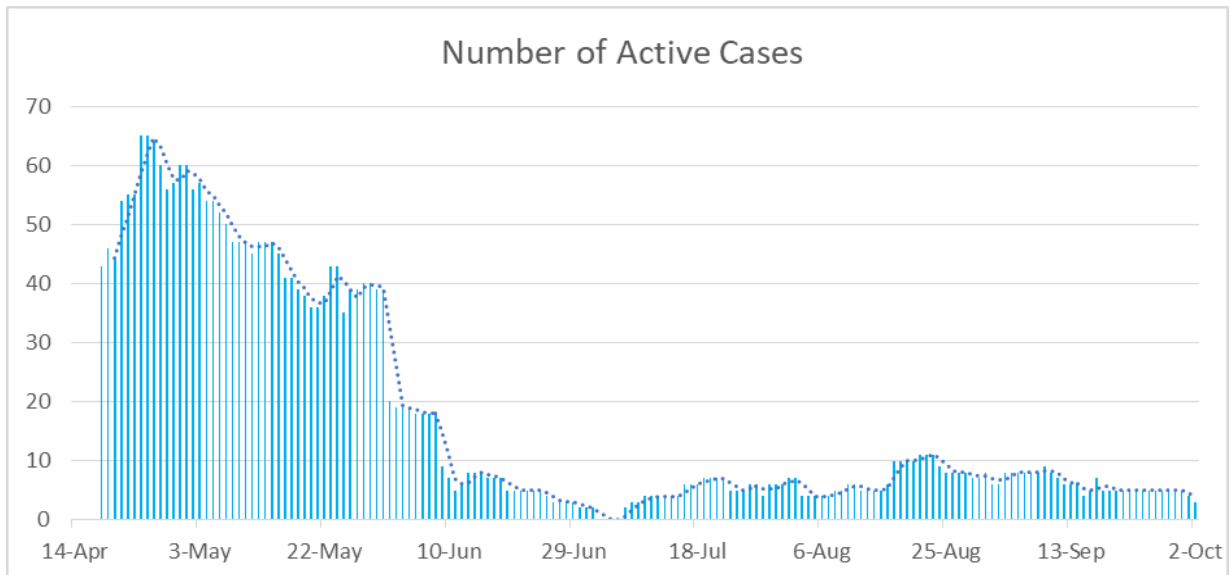






CHART 5G: NUMBER OF ACTIVE CASES - BERMUDA
18 APRIL - 2 OCTOBER 2020



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TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 2 OCTOBER 2020

Country	Imported Transmission 	Local Transmission  Local	Community/Unknown 	Under Investigation 
Trinidad and Tobago ^e	114	185	1	194
Bermuda	70	90	21	0
Jamaica	483	1059	407	4846
St. Vincent and the Grenadines	57	7	-	-
Belize ^e	47	357	2	46
Antigua and Barbuda	71	35		
Haiti ^e	152	8667		

Note: There are differences in the classification of Mode of 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. Trinidad and Tobago and Jamaica have declared that they are experiencing Community Transmission. Column 3, Community/Unknown, therefore shows 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. **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. No updates are available for some countries.** Please see Issue 2 for explanations on Mode of Transmission.

TABLE 7: CONFIRMED CASES BY SEX - SELECTED COUNTRIES AS AT 2 OCTOBER 2020



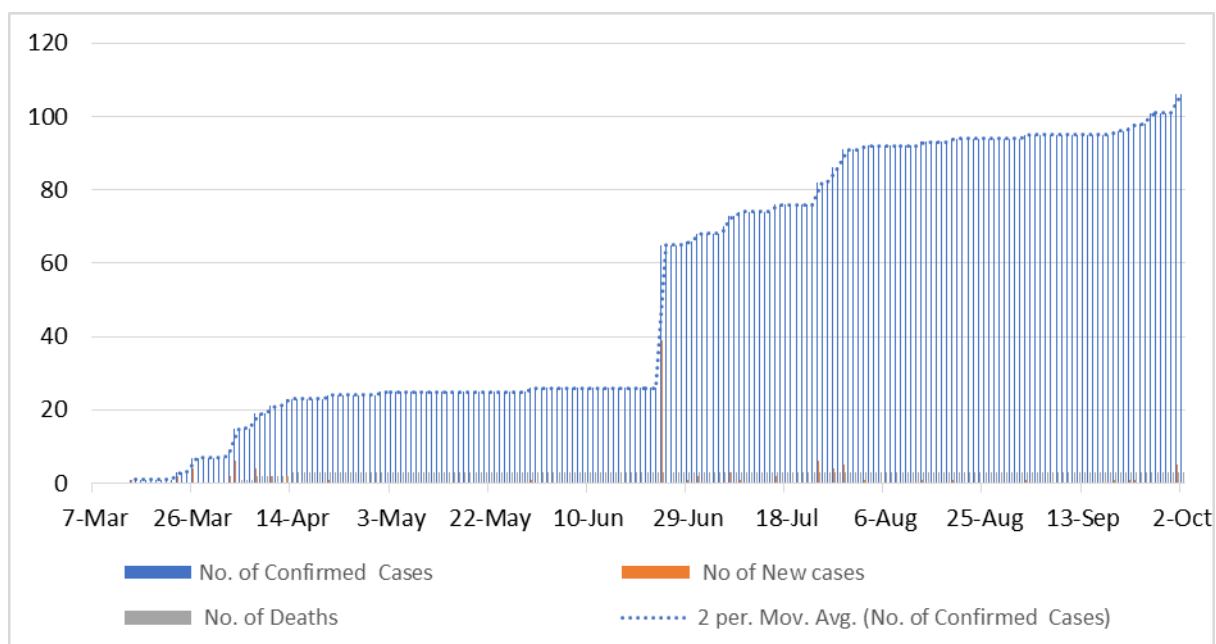
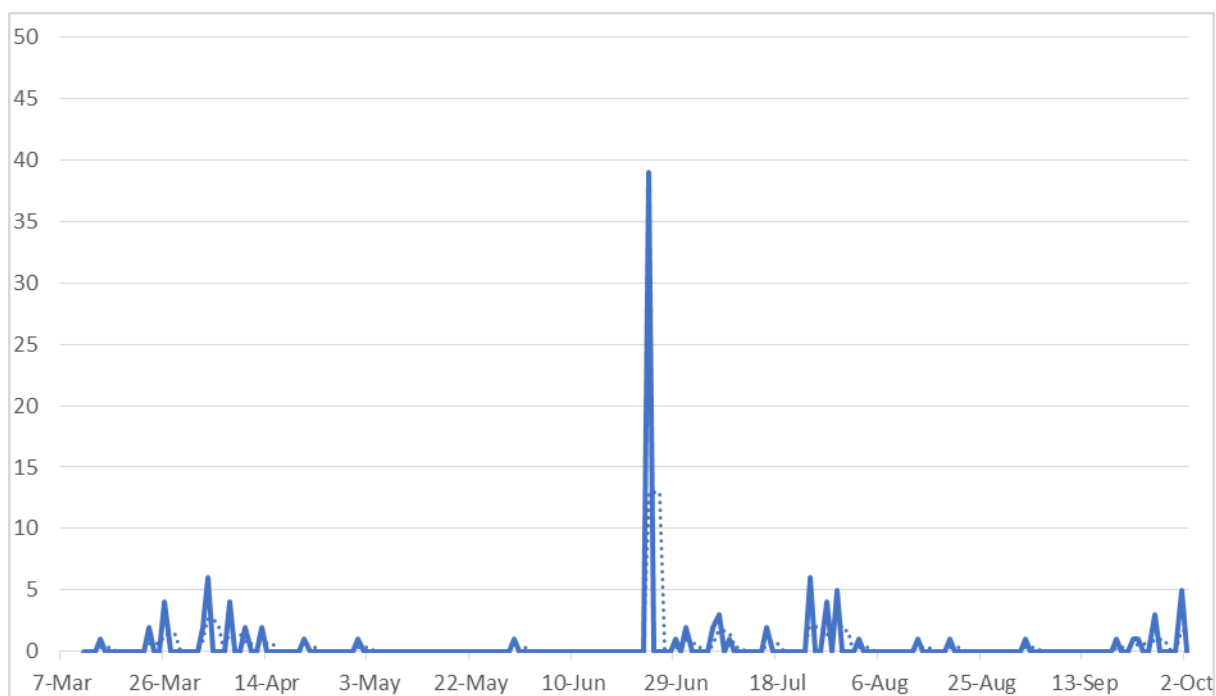
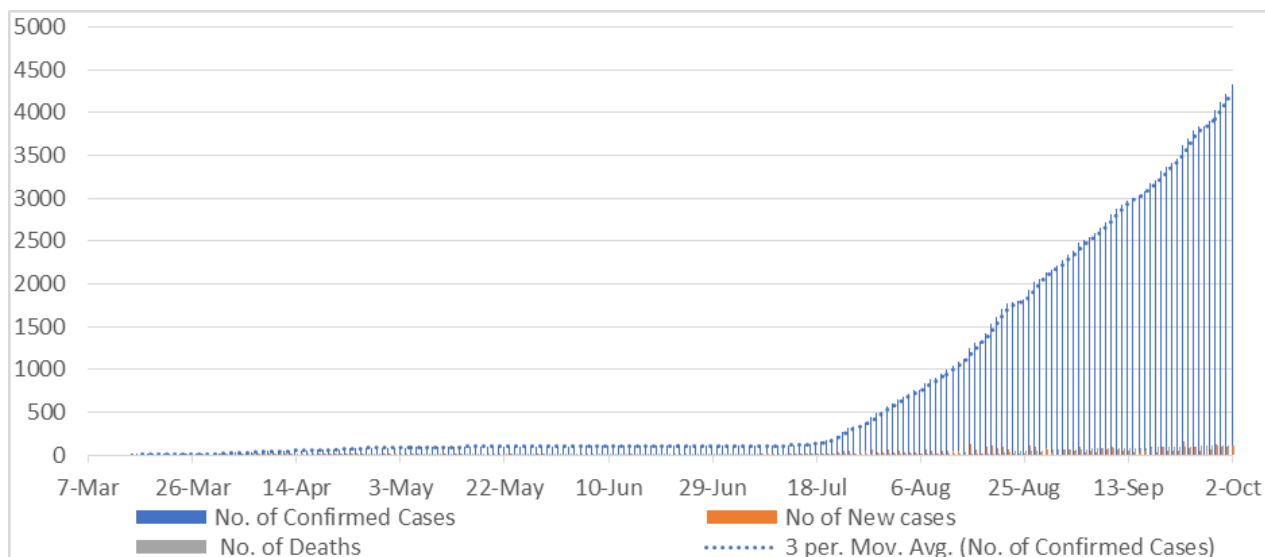
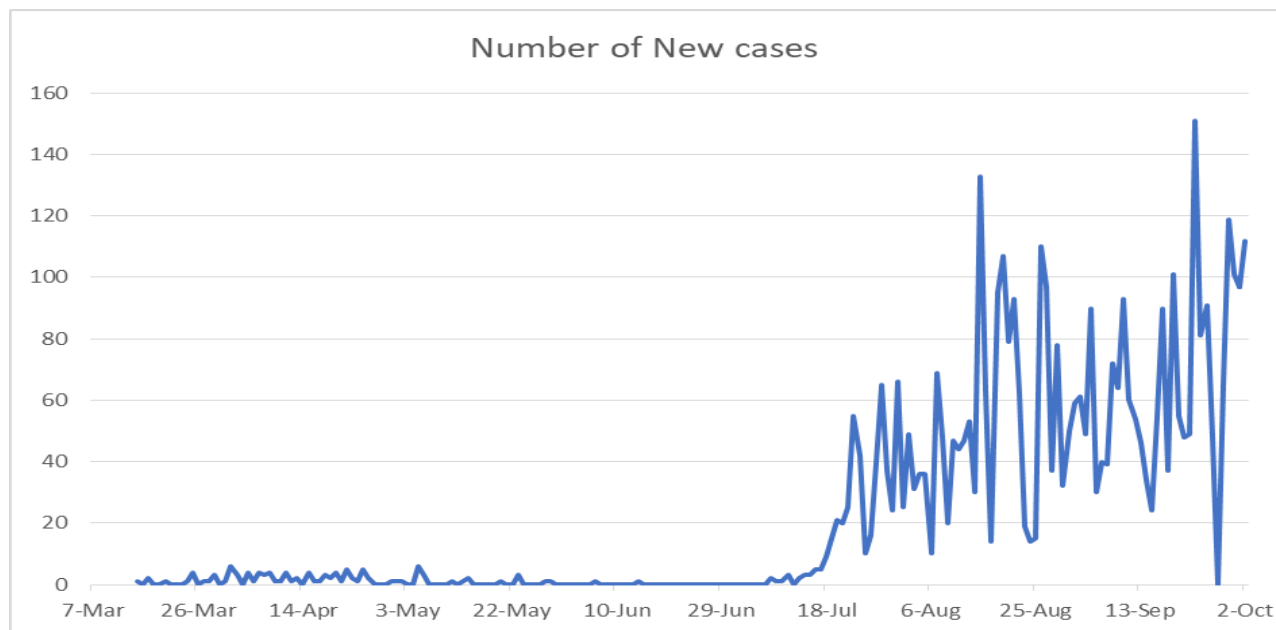
Country			Not Stated/ Remarks
Haiti	5141	3678	
Jamaica	3684	3092	19
Guyana	1581	1387	
Belize	1127	953	
Trinidad and Tobago ^e	2267	2362	
Cayman Islands	111	102	
Barbados	89	107	
Bermuda ^e	84	97	
British Virgin Islands	37	34	

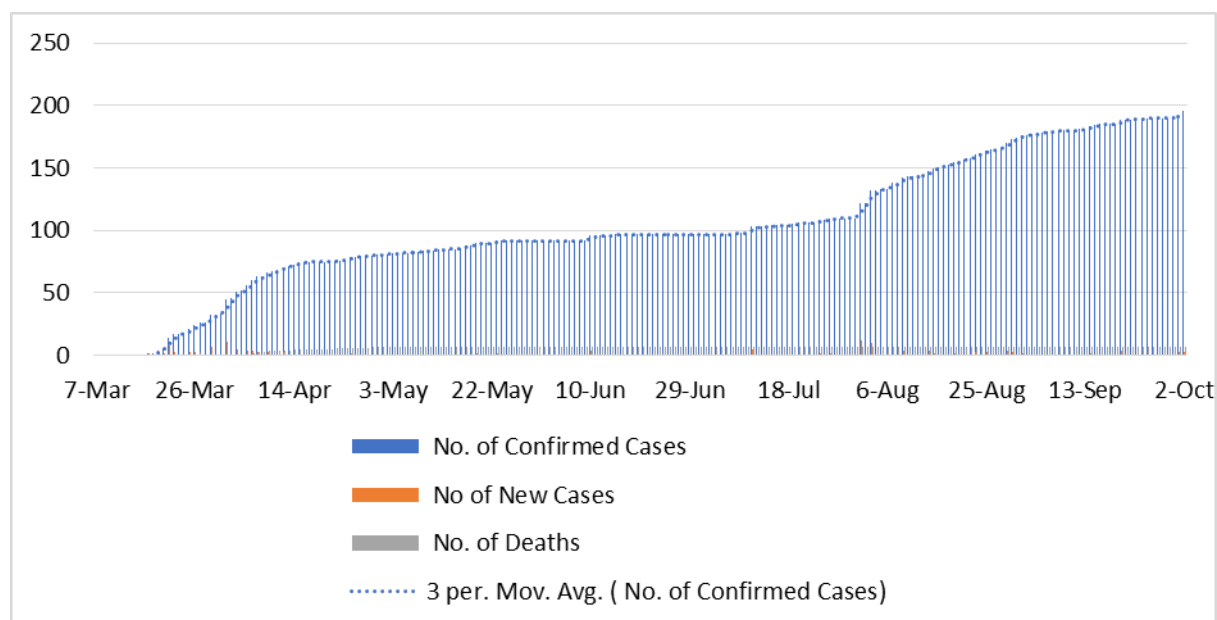
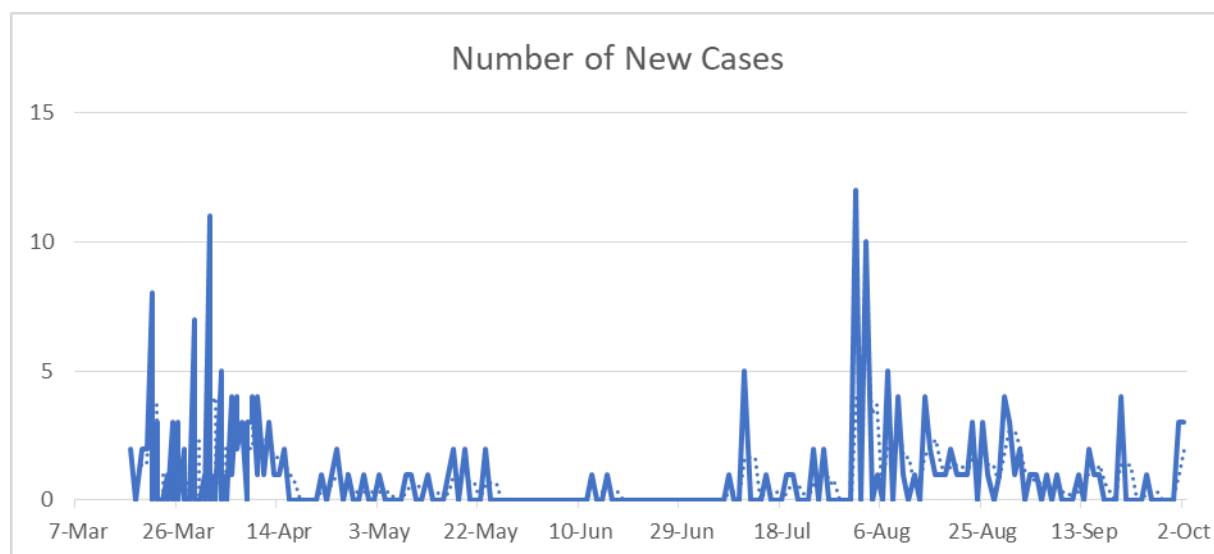
CHART 6: ANTIGUA AND BARBUDA**CHART 6A: ANTIGUA AND BARBUDA**

Note: Antigua and Barbuda had **8 new cases** during the current reporting period, **26 September- 2 October**, as compared to **3 new cases** during the last reporting period **19-25 September**. The total number of cases stood at **106** as at **2 October**, with **9 active cases**.

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

Note: The Bahamas had **542 new cases** during the current reporting period, **26 September-2 October** as compared to **576 new cases 19-25 September**. The number of confirmed cases increased to **4332** as at **2 October** with **active cases** at **1828**. The substantial increase in the number of new cases for The Bahamas from early July is evident in **Chart 7A**.

As at **2 October**, there are **112 (+10) deaths** of COVID-19 patients, **including 16 deaths** that are under investigation and **excluding 17 deaths** of persons tested positive for COVID-19 that are classified as being due to non-COVID-19 causes. The overall number of deaths of COVID-19 positive persons in The Bahamas is **129 (+14)**.

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

Note: Barbados had **6 new cases** during the current reporting period, **26 September – 2 October** as compared to **5 new cases** during the last reporting period, **19-25 September**. The number of confirmed cases stood at **196** as at **2 October** with **7 active cases**. The increase in the number of new cases from mid-July is evident in **Chart 8A**.

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CHART 9: BELIZE

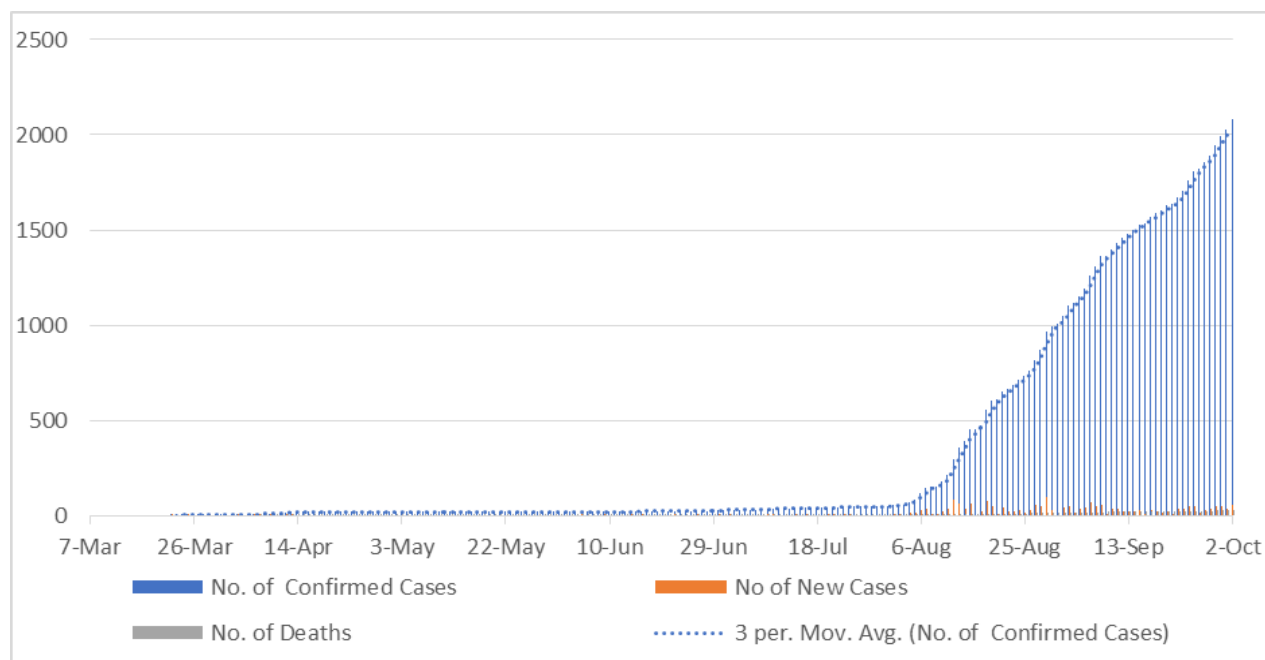
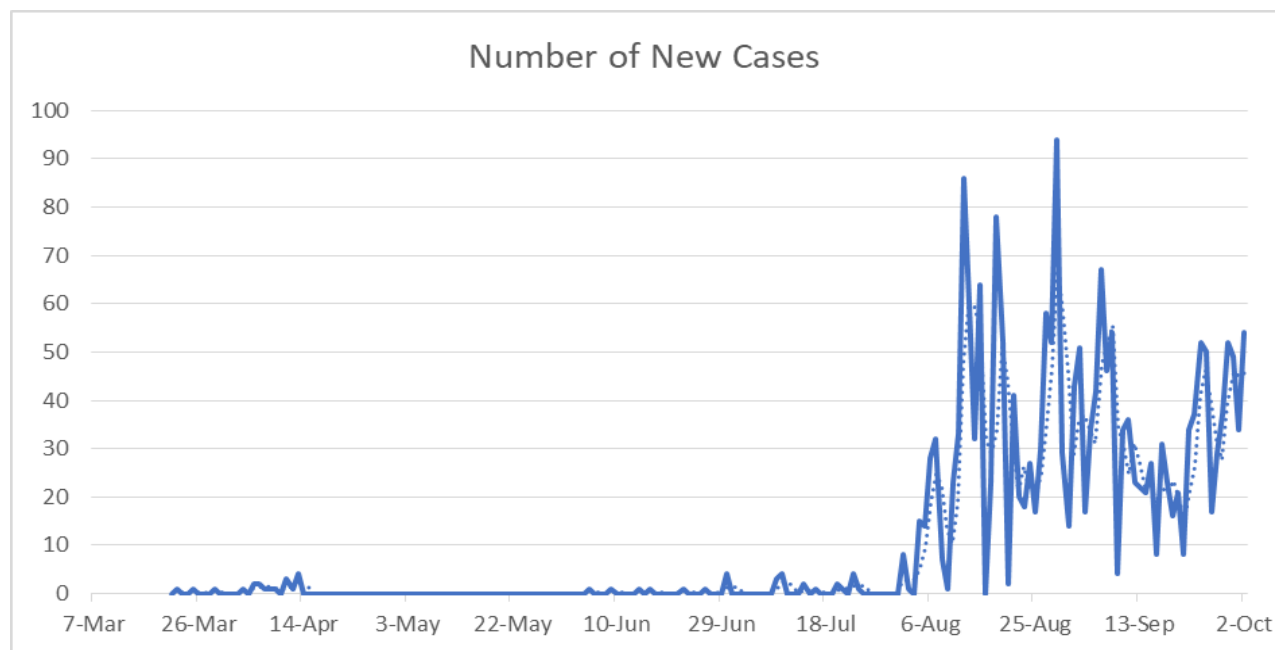


CHART 9A: BELIZE



Note: Belize had **272 new cases** during the current reporting period, **26 September- 2 October** as compared to **218 new** during **19-25 September**. The number of confirmed cases increased to **2080** as at **2 October** with **762 active cases** and **28 deaths (+5)**. The increase in the number of new cases is evident in **Chart 9A**.

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CHART 10: DOMINICA

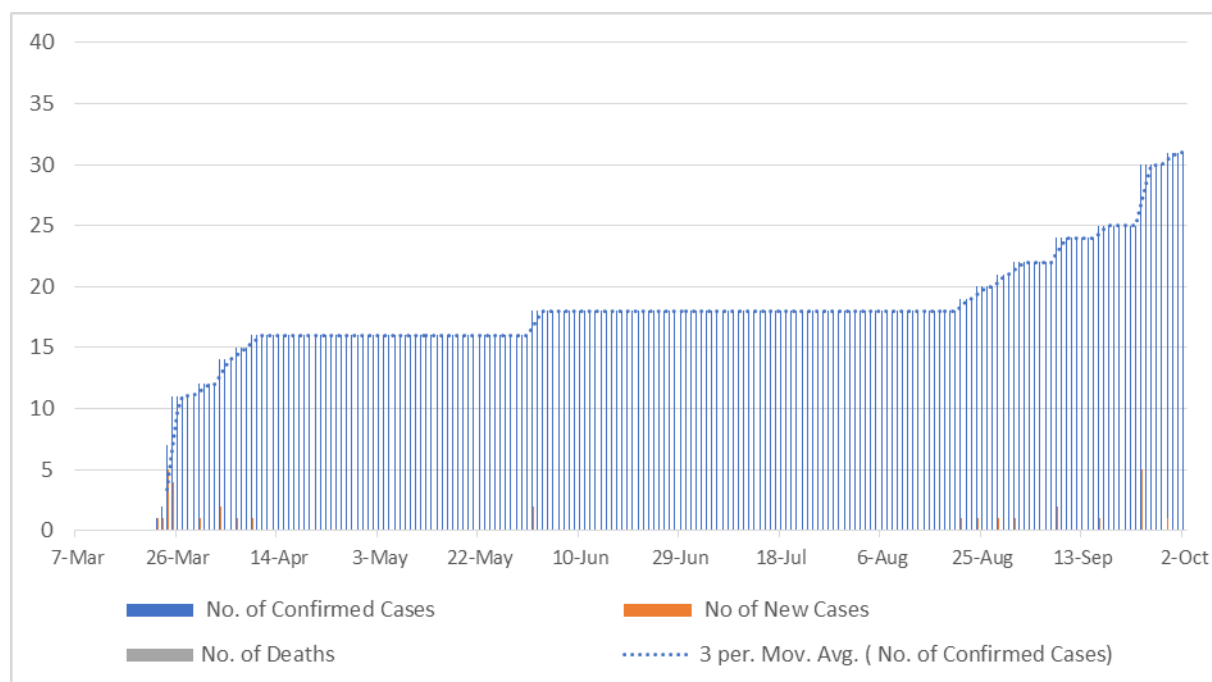
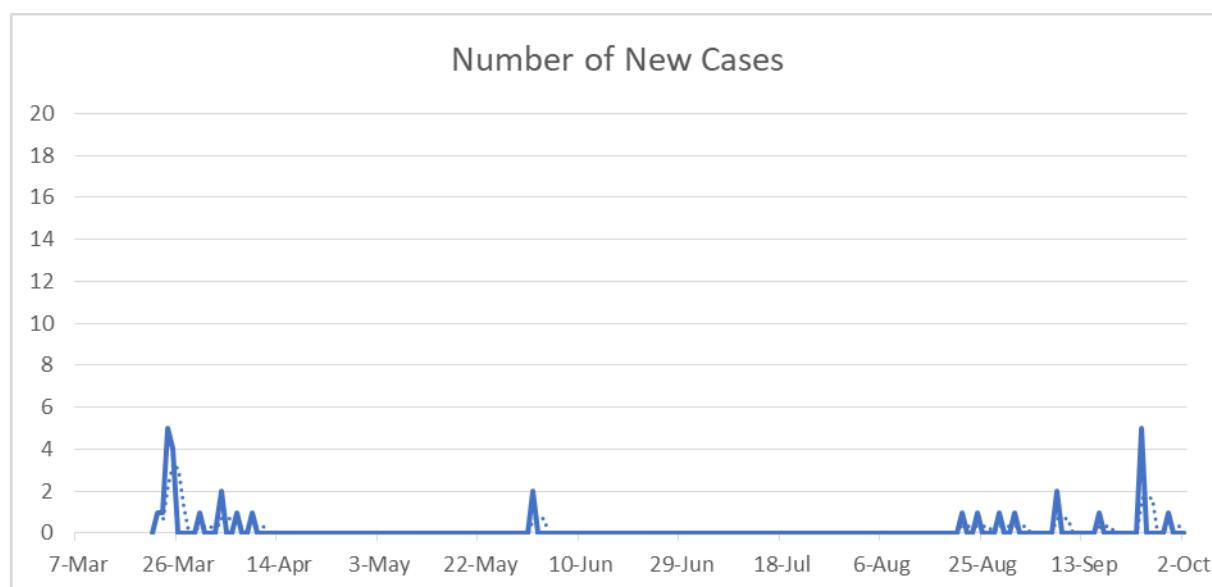


CHART 10A: DOMINICA



Note: Dominica had **1 new case** during the current reporting period, **26 September- 2 October** as compared to **5 new cases** during **19-25 September**. The number of confirmed cases stood at **31** as at **2 October** with **7 active cases**.

CHART 11: GRENADA

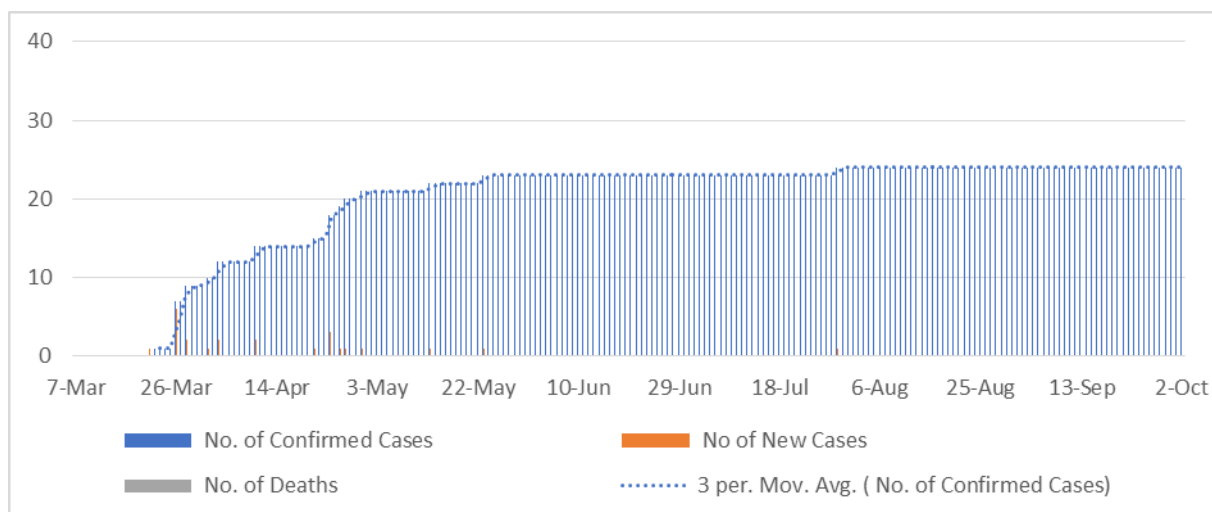
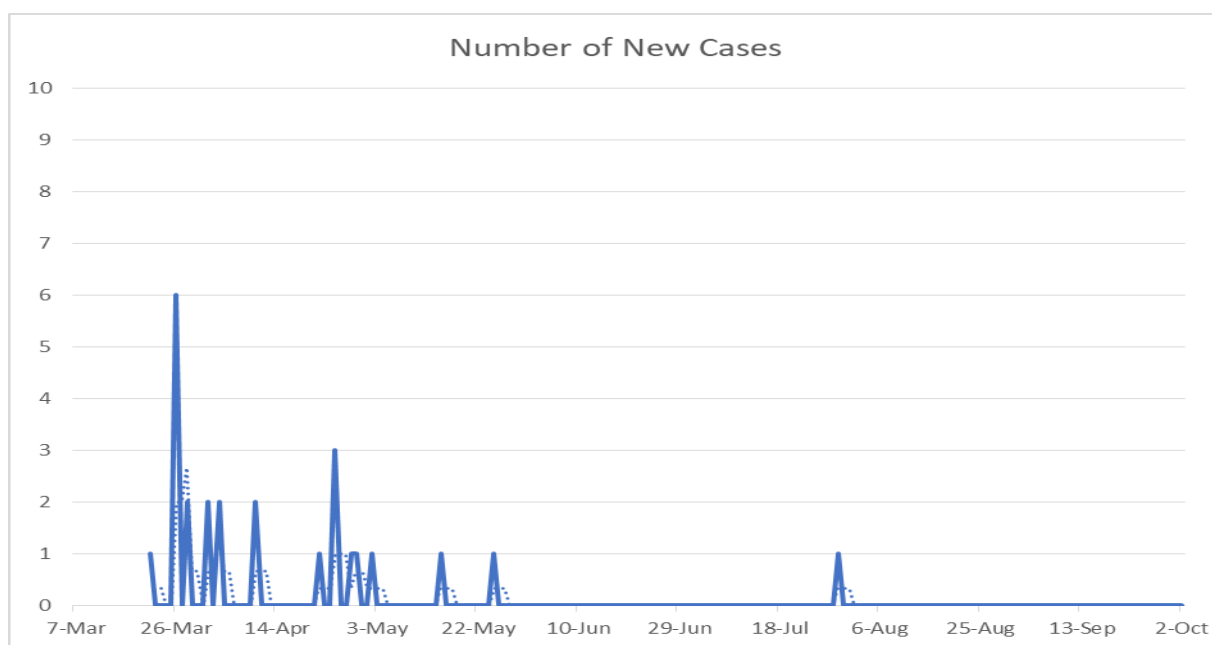
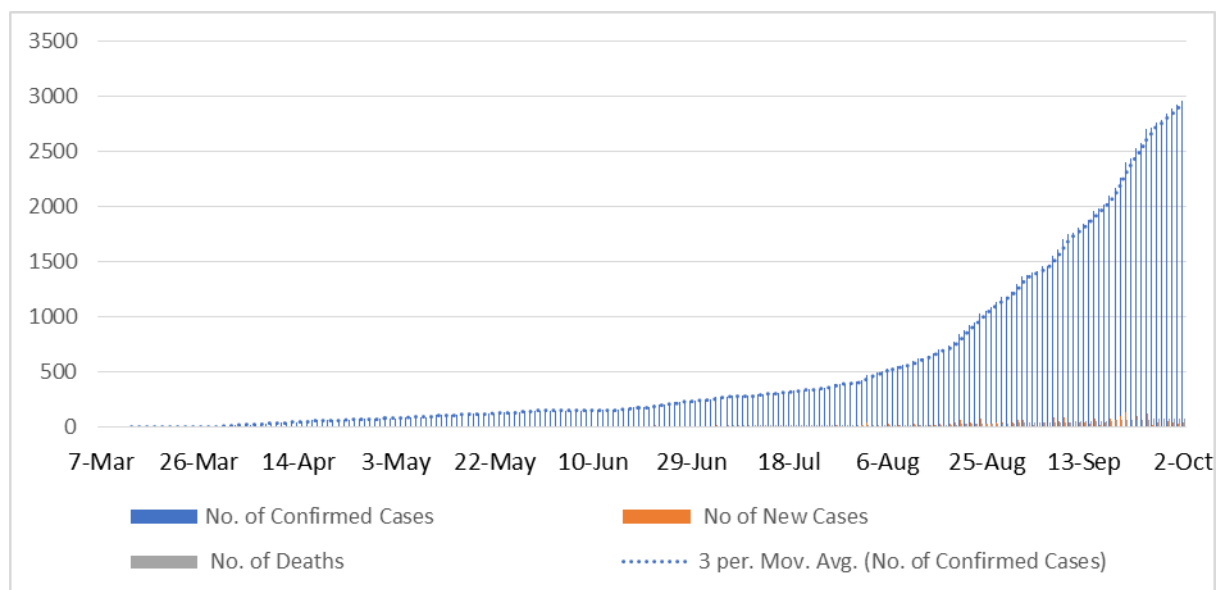
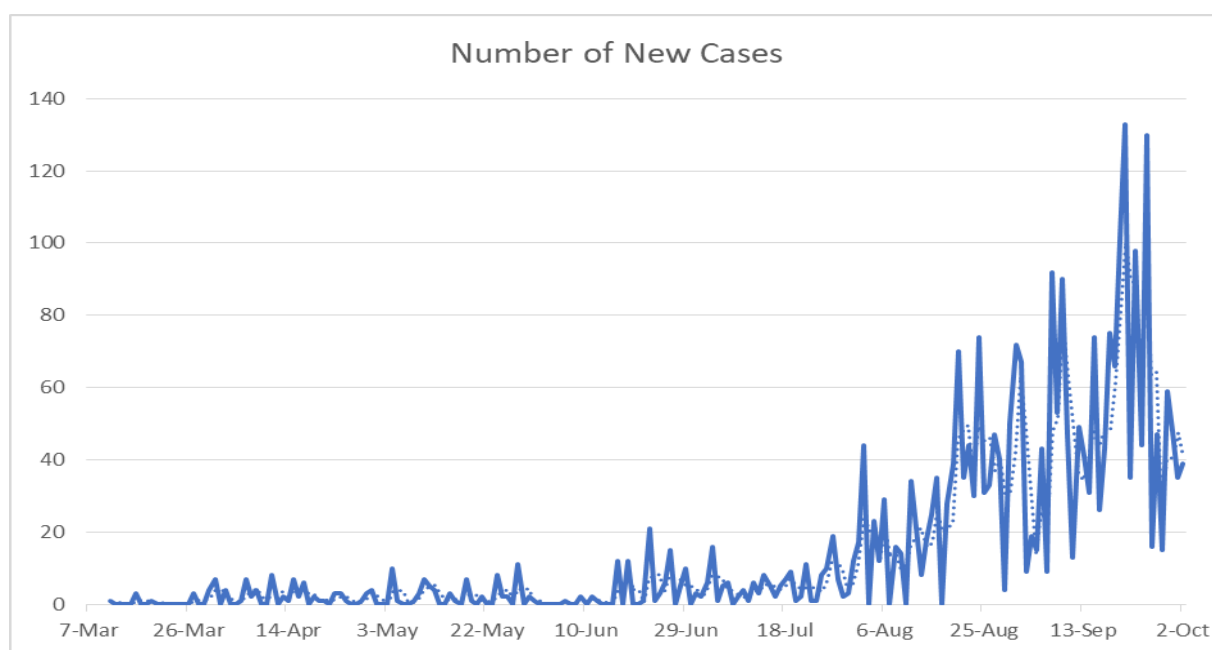


CHART 11A: GRENADA



Note: Grenada had **no new cases** during the current reporting period **26 September -2 October**, similar to the last 8 reporting periods. The last new confirmed case for Grenada was on **29 July**. The number of cases stood at **24** with **no active cases**.

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

Note: In Guyana, there were **259** new cases during the current reporting period **26 September – 2 October**, as compared to **607** new cases during **19-25 September**. The number of confirmed cases for Guyana is **2968** with **1107** active cases and **85** deaths (+12). The increase in the number of new cases is evident in **Chart 12A**.

CHART 13: HAITI

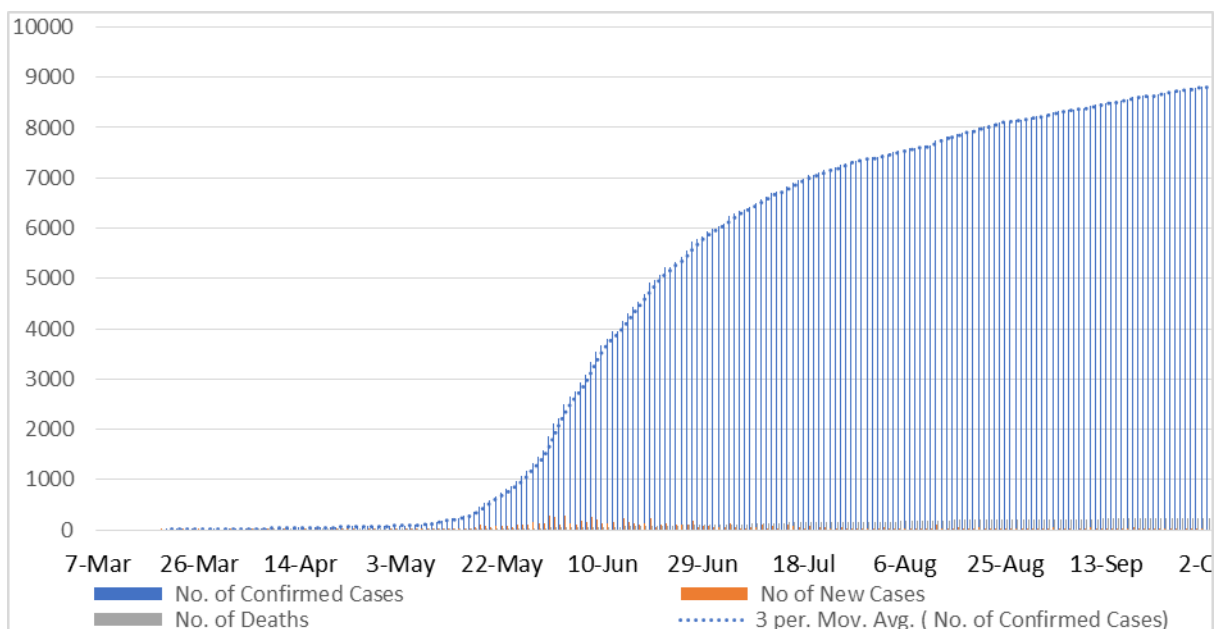
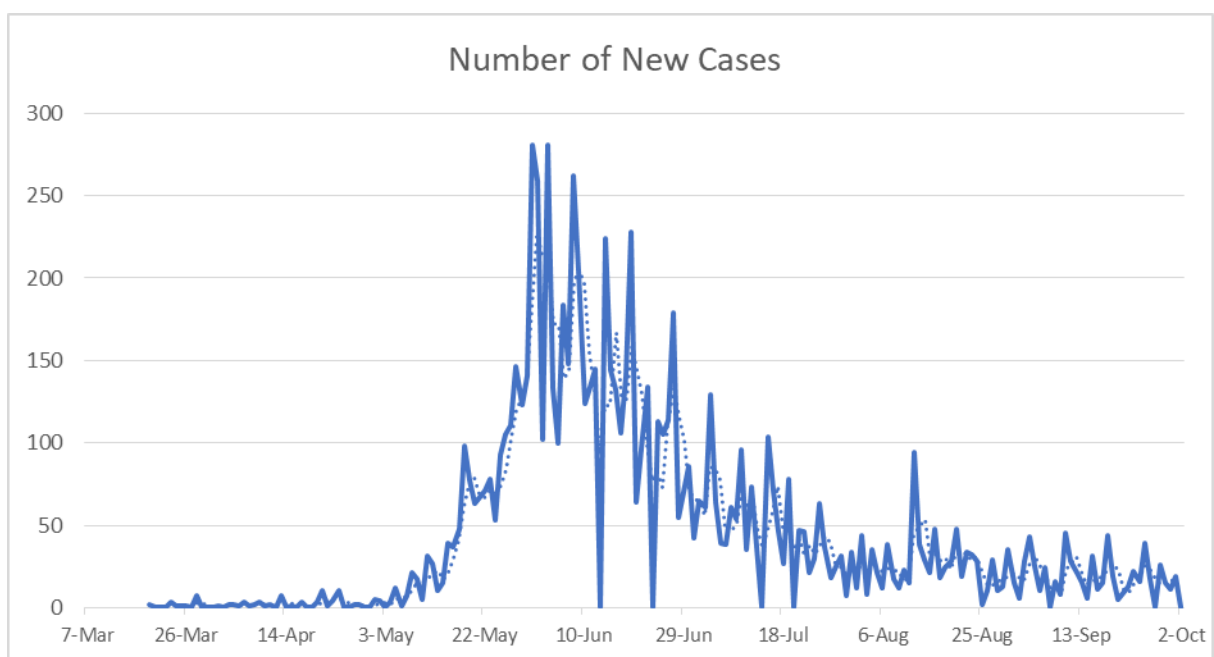


CHART 13A: HAITI



Note: Haiti had **96 new cases** during the current reporting period **26 September – 2 October**, as compared to **123 new cases** during **19-25 September**, continuing a general declining trend in the number of new cases. The total number of confirmed cases stood at **8819** as at **2 October** with active cases at **1598**. The number of deaths increased by **2** and is **229**. The general declining trend for Haiti in the number of new cases is evident in Chart 13A.

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CHART 14: JAMAICA

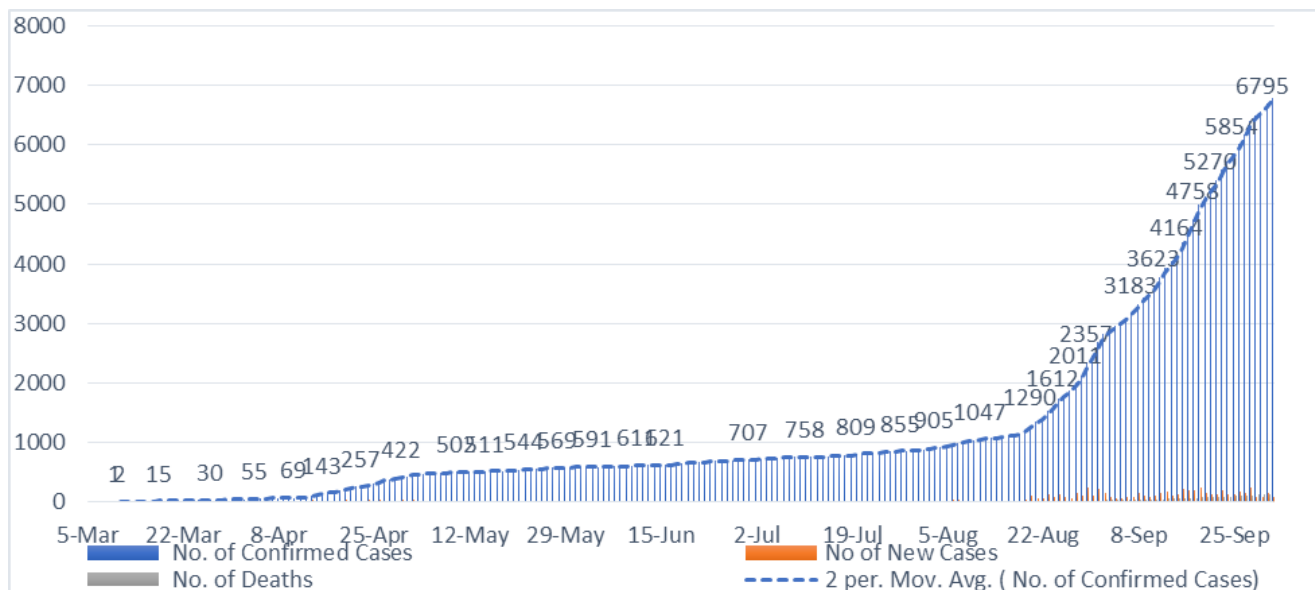
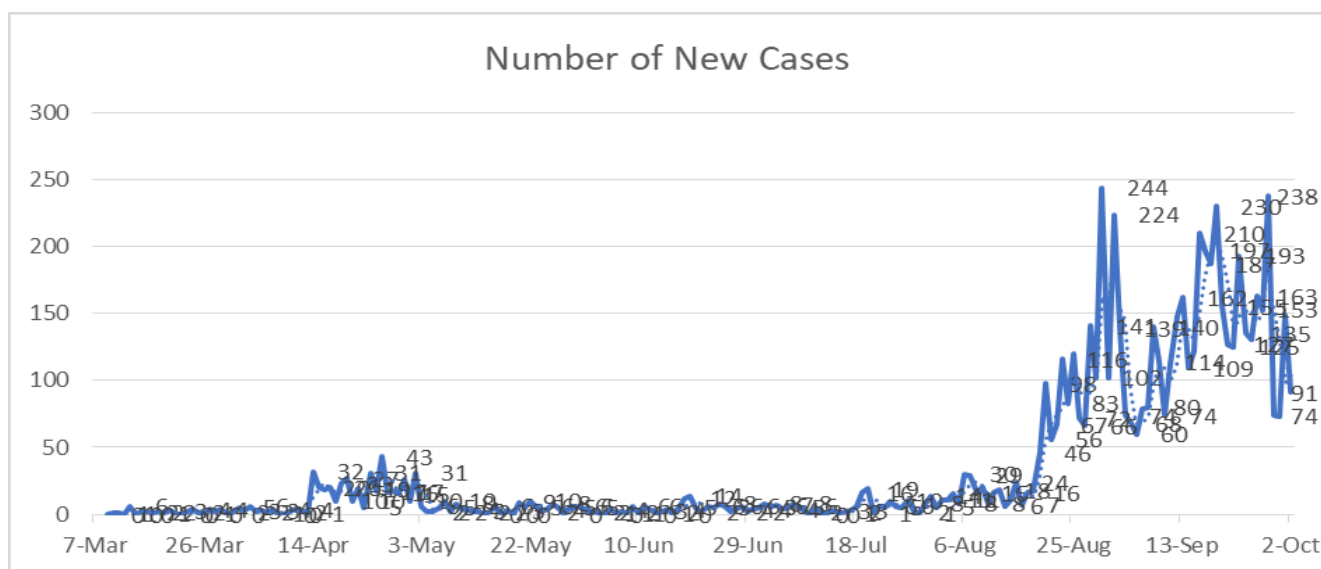
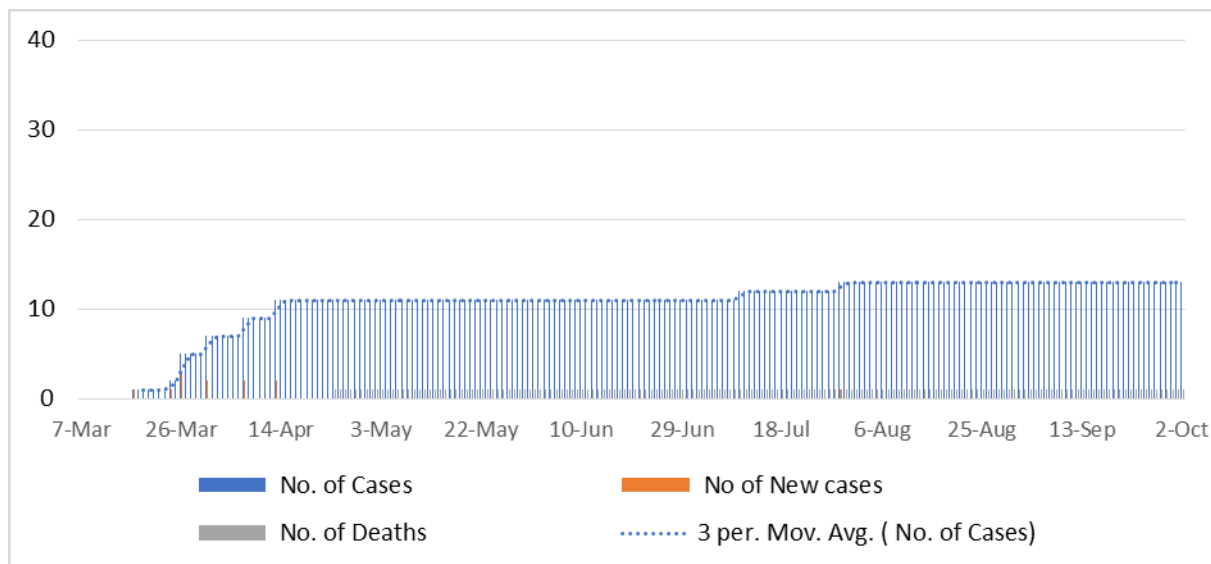
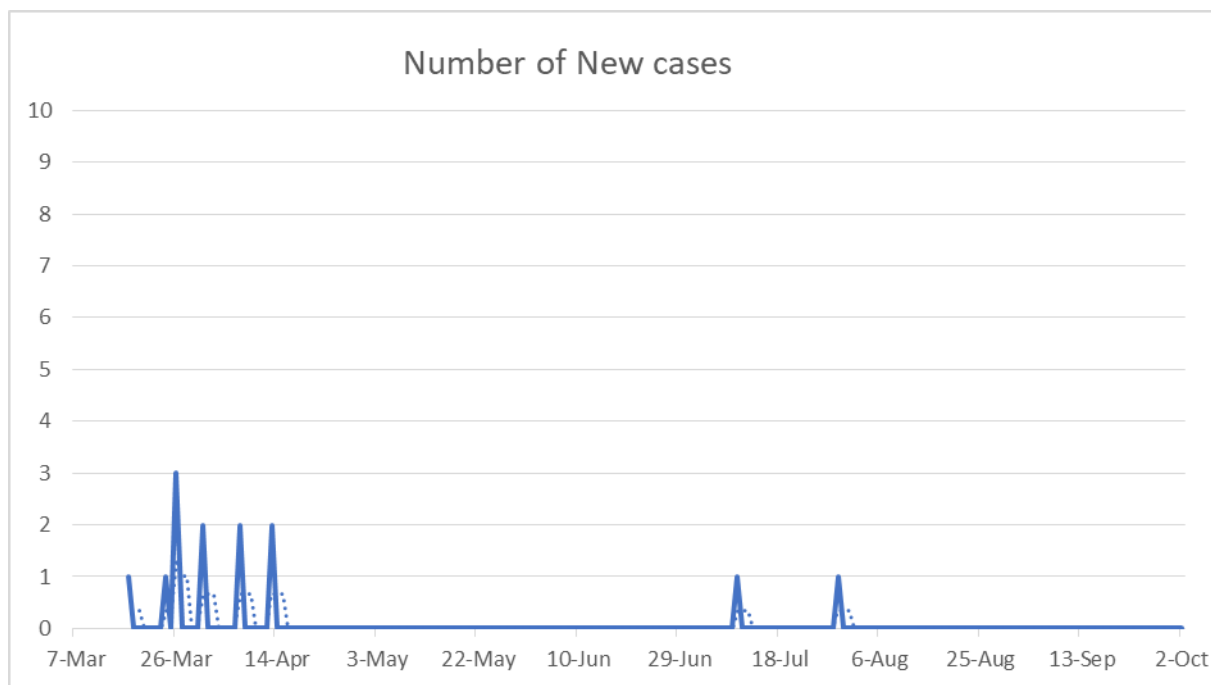


CHART 14A: JAMAICA



Note: Jamaica had **941 new cases**, during the current reporting period **26 September – 2 October** as compared to **1096 new cases** during **19-25 September**. The total number of confirmed cases stood at **6795** with **4239 active cases** and **130 deaths (+35)**. Included in the 130 deaths are **11 deaths** that are under investigation and excluded are **8 deaths** that are due to non-COVID-19 causes. The overall number of deaths of COVID-19 positive persons in Jamaica is **138 deaths (+39)**. 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 **26 September – 2 October**, similar to the past 8 reporting periods. The number of confirmed cases stood at **13** with **no active cases**.

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CHART 16: SAINT LUCIA

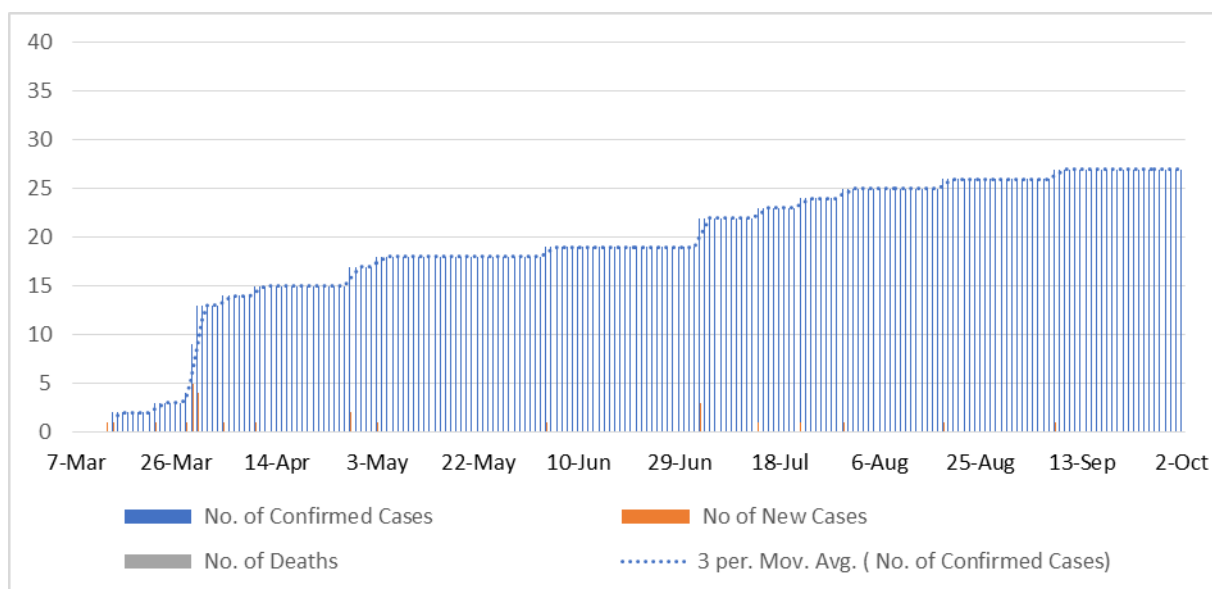
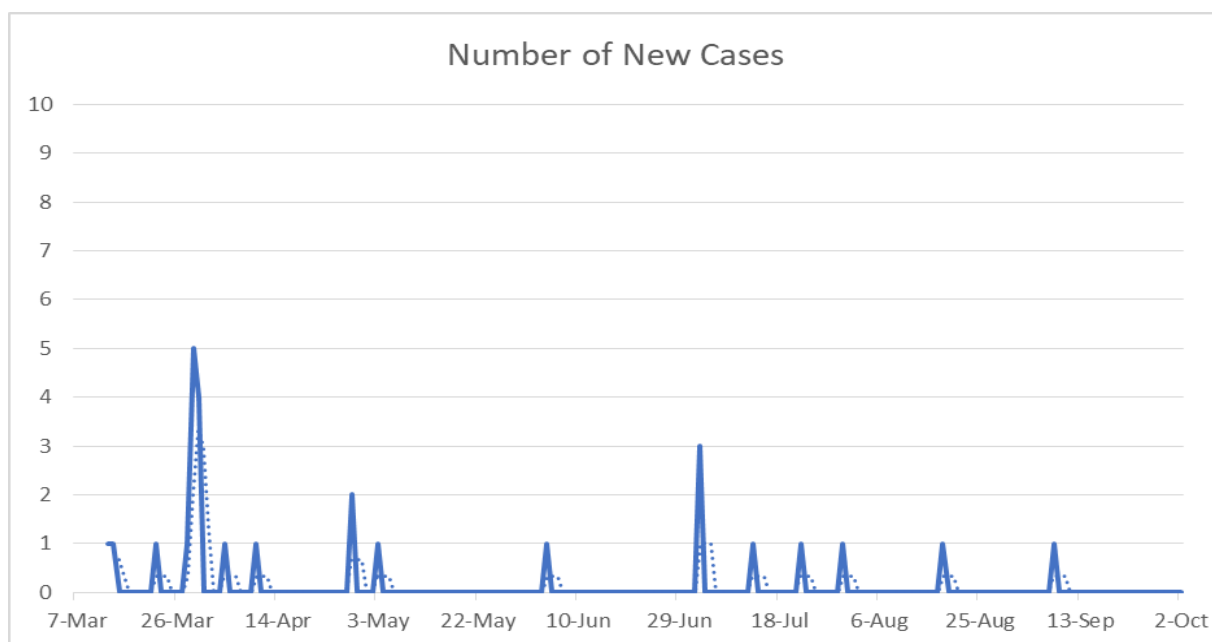


CHART 16A: SAINT LUCIA



Note: There were **no new cases** in Saint Lucia during the current reporting period **26 September – 2 October** similar to the last two reporting periods. The number of confirmed cases stood at 27 with **no active cases**.

CHART 17: ST. KITTS AND NEVIS

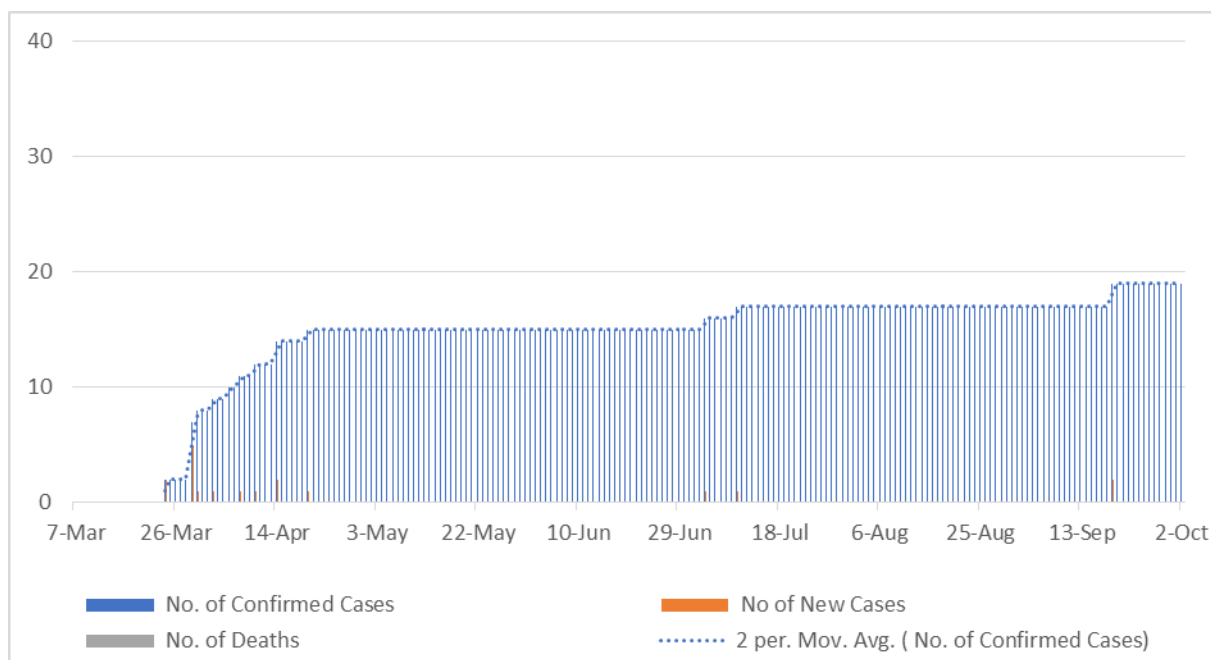
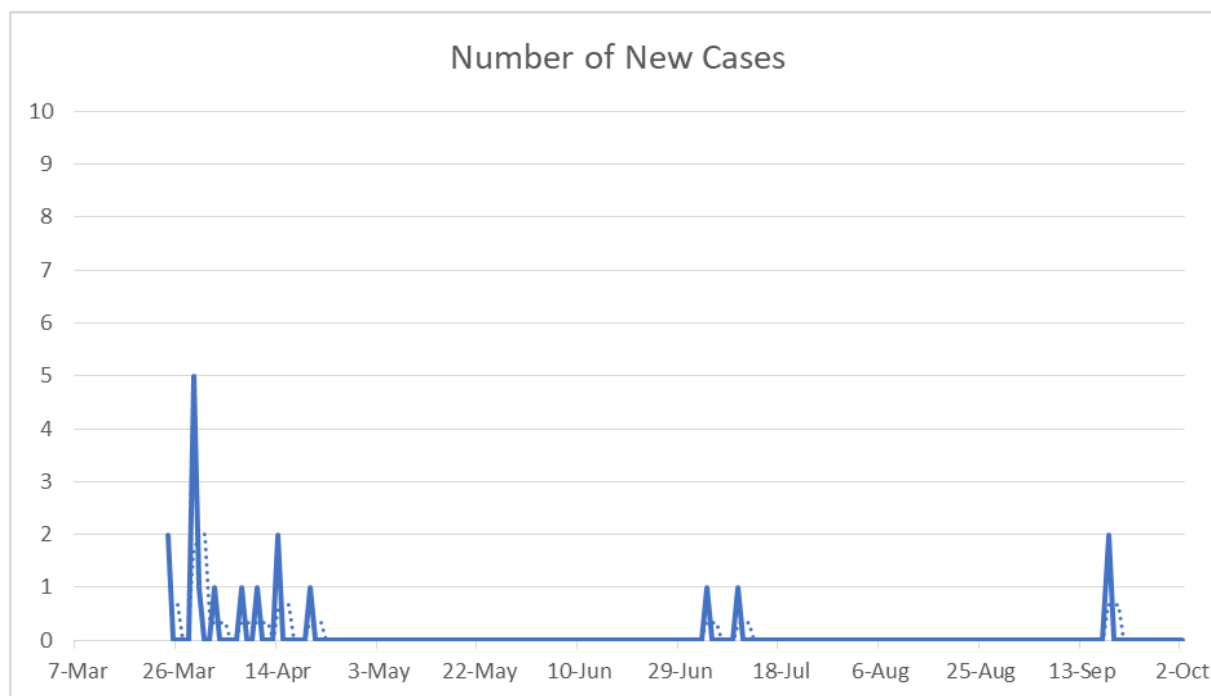
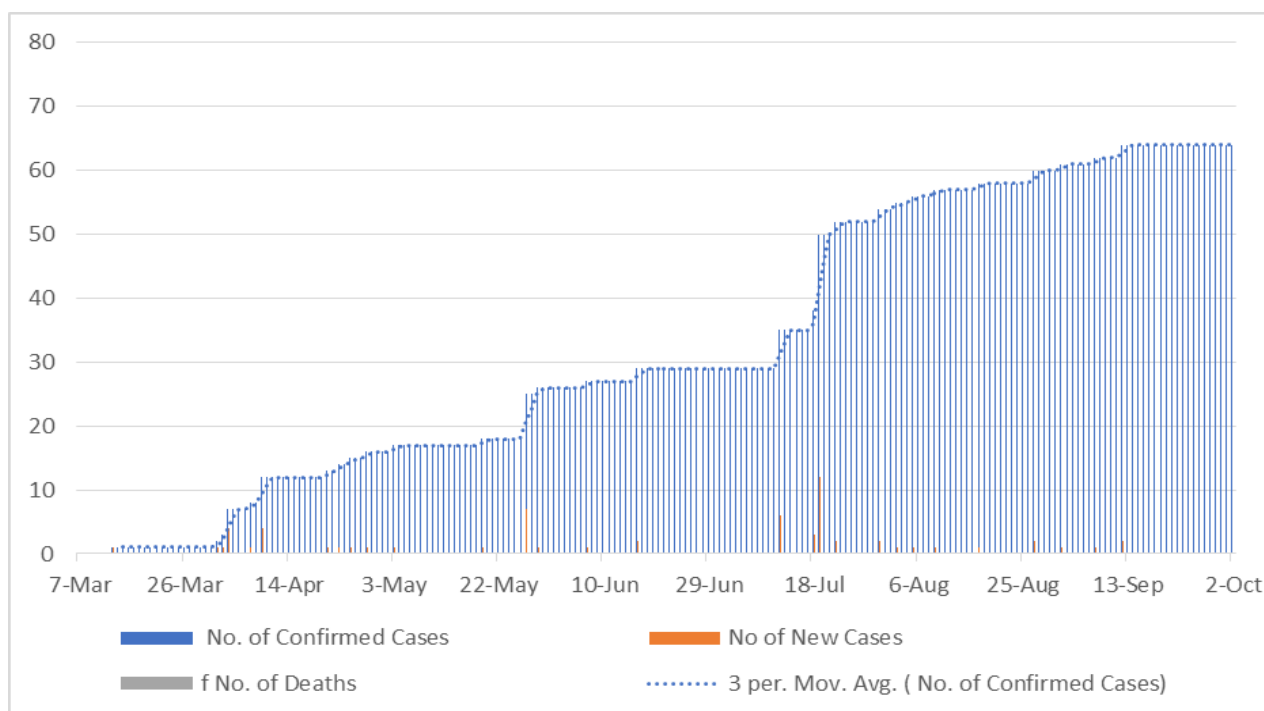
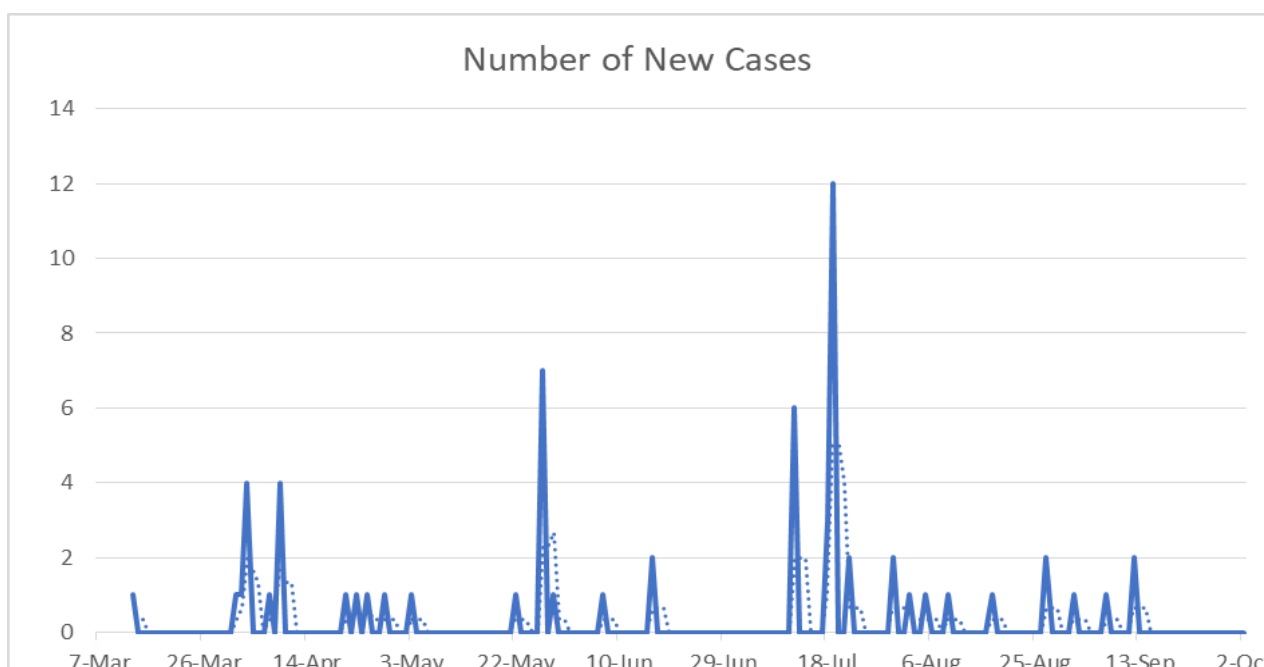


CHART 17A: ST. KITTS AND NEVIS



Note: There were **no new cases** in St Kitts and Nevis during the current reporting period **26 September – 2 October**, similar to the last reporting period. The number of confirmed cases stood at **19** with **2 active cases**.

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

Note: There were **no new cases** in St Vincent and the Grenadines for the current reporting period **26 September – 2 October**, similar to the last reporting period, **19-25 September**. The number of confirmed cases in St Vincent and the Grenadines as at **2 October** was 64 with **0 active cases**.

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CHART 19: SURINAME

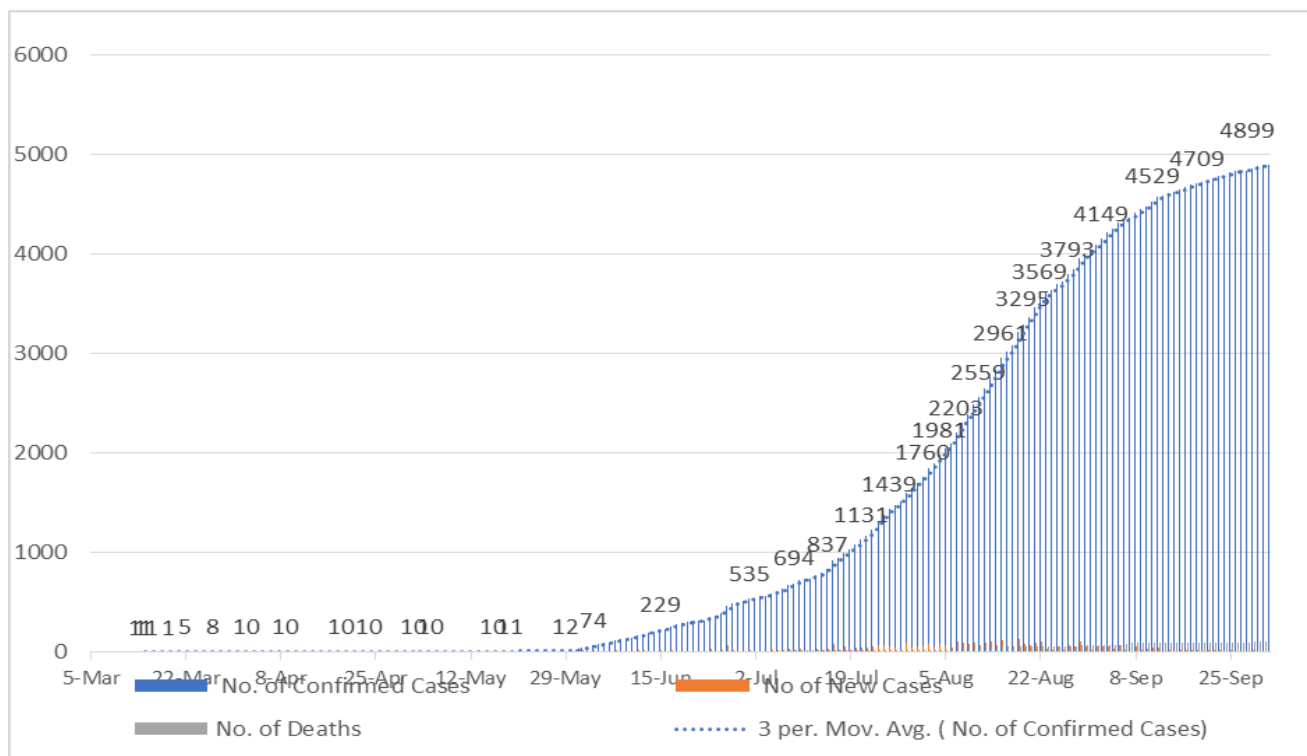
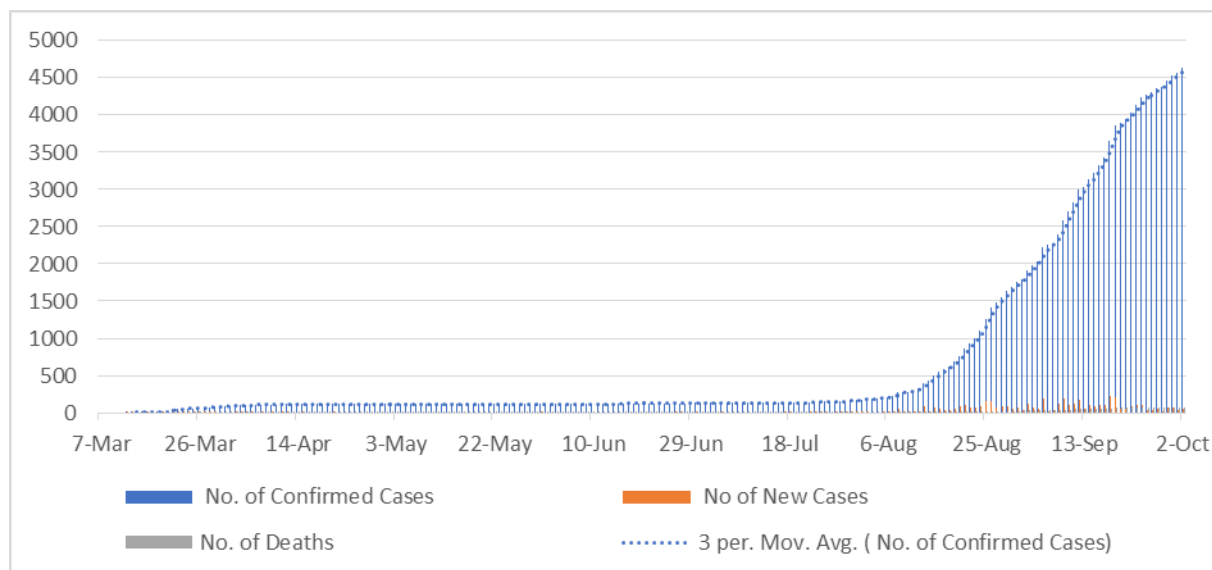
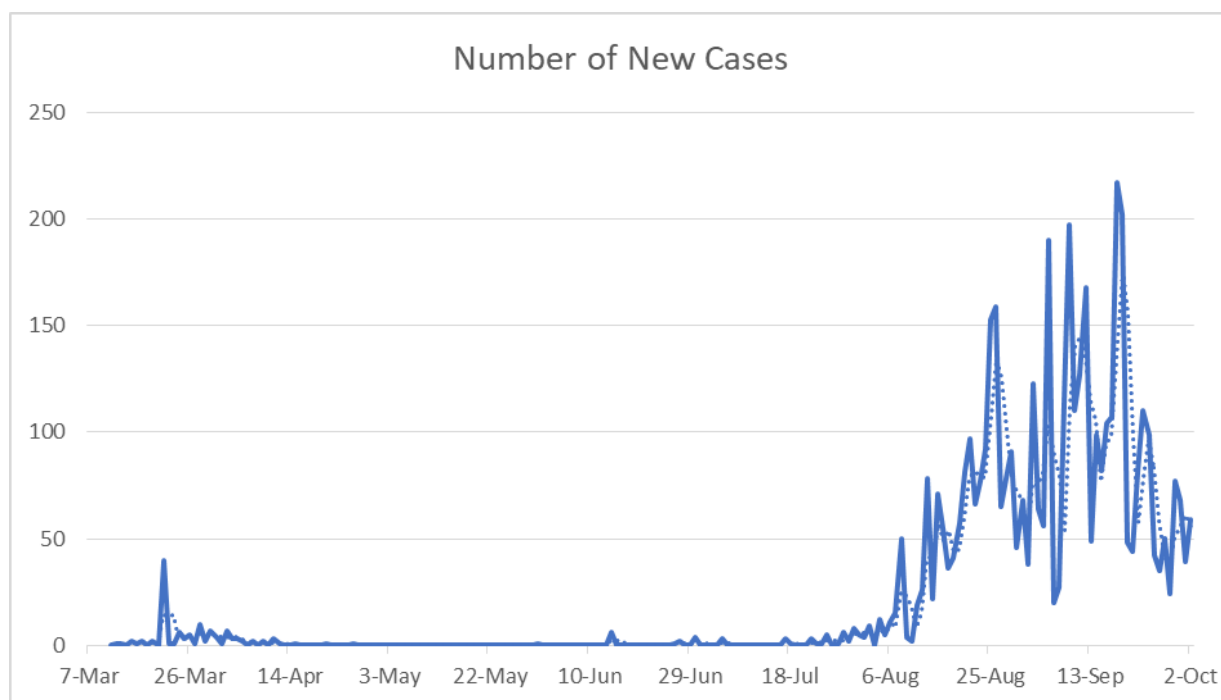
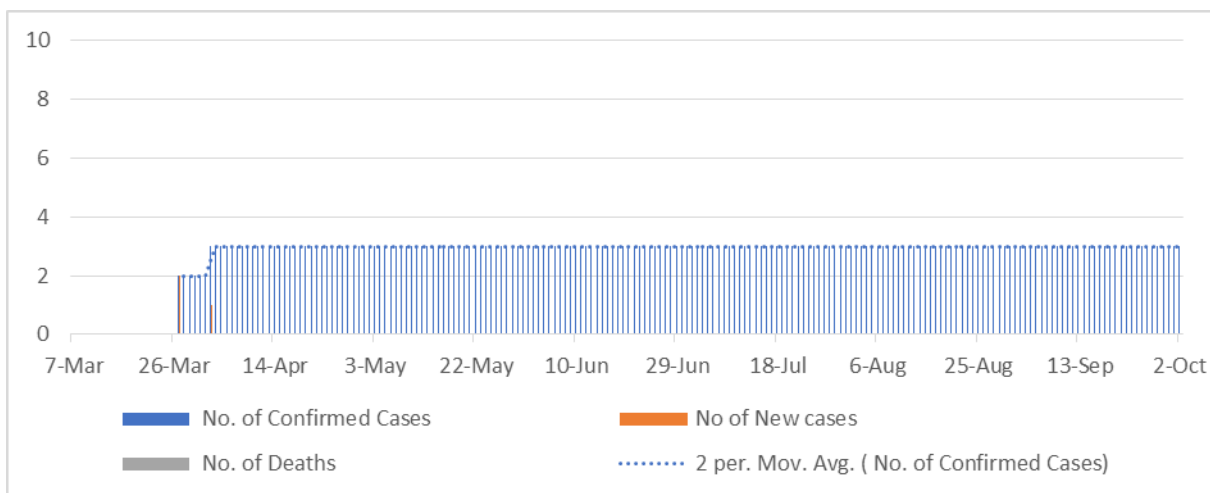
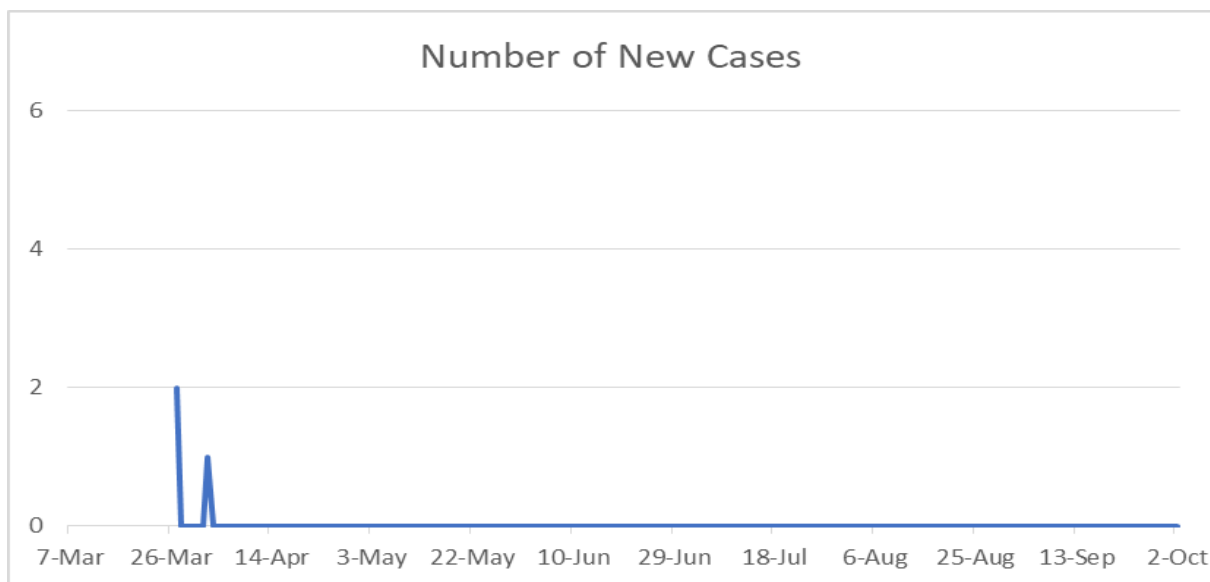


CHART 20: TRINIDAD AND TOBAGO –TOTAL CONFIRMED CASES**CHART 20A: TRINIDAD AND TOBAGO**

Note: Trinidad and Tobago had **352 new cases** during the current reporting period **26 September-2 October**, as compared to **626 new cases** during **19-25 September**. The number of confirmed cases stood at **4629** with **1824 active cases** and **76 deaths (+6)**. The increasing trend in the number of new cases is evident in Chart 20A, but there is the beginning of a declining trend from late September.

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

Note: The last positive case of COVID-19 in Anguilla was **2 April**, a period of **184 days** as at **2 October**. The number of confirmed cases for Anguilla is **3**.

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CHART 22: BERMUDA

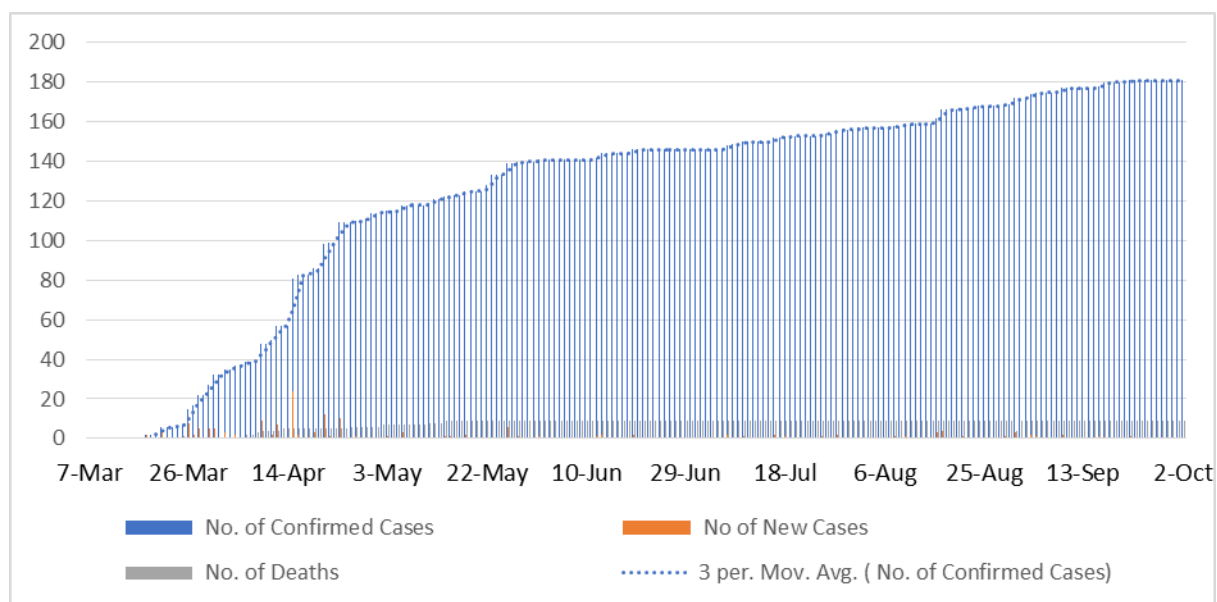
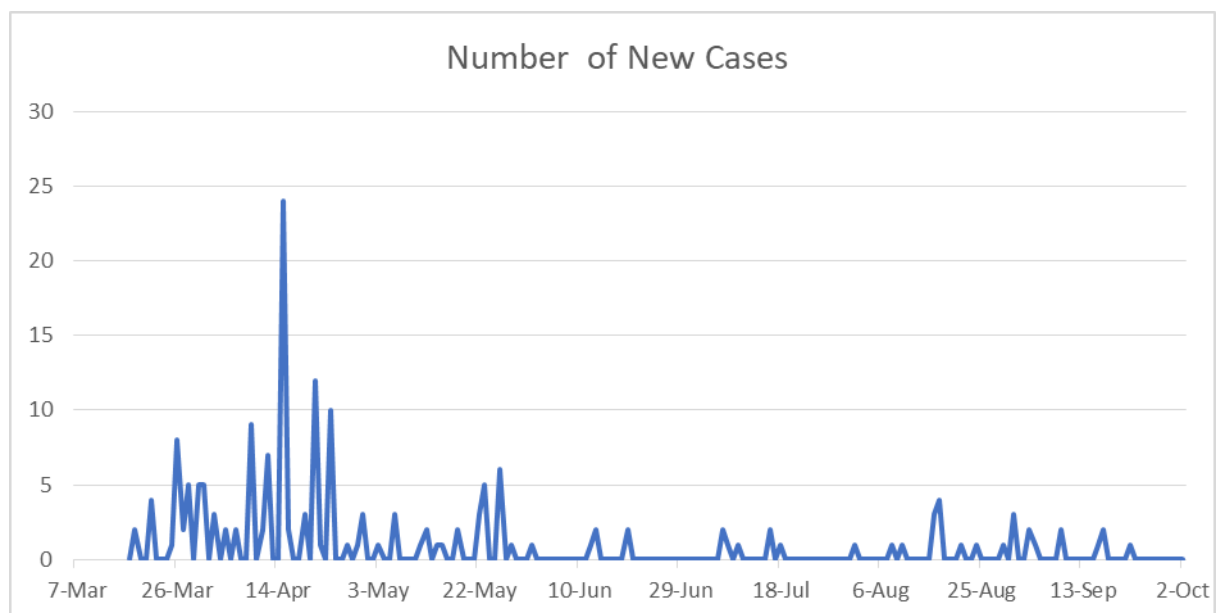
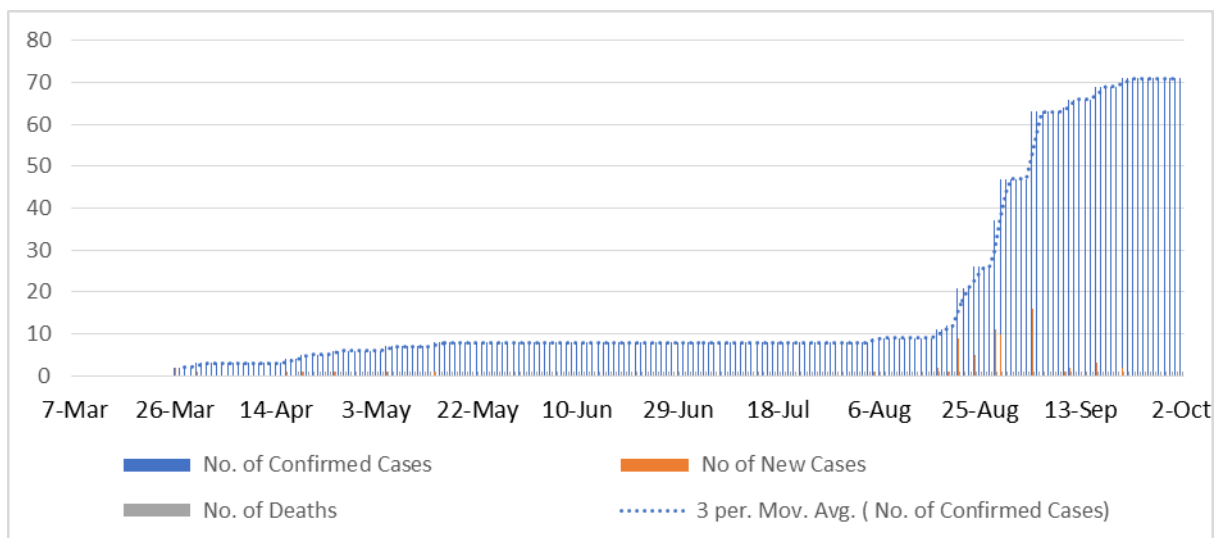
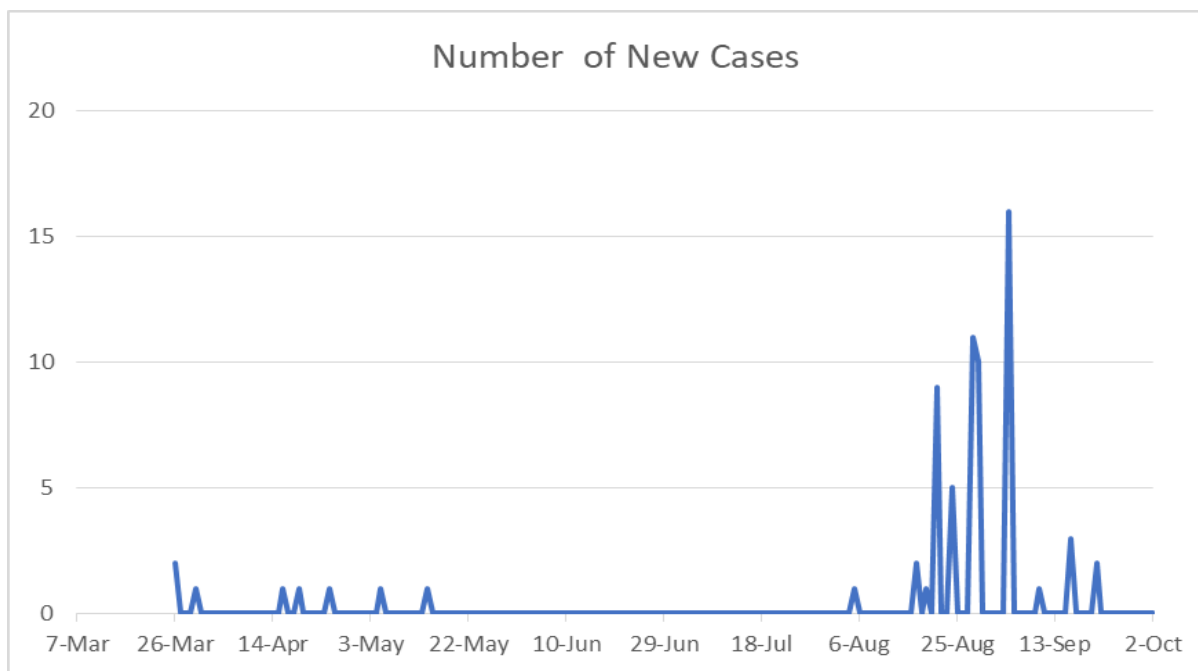


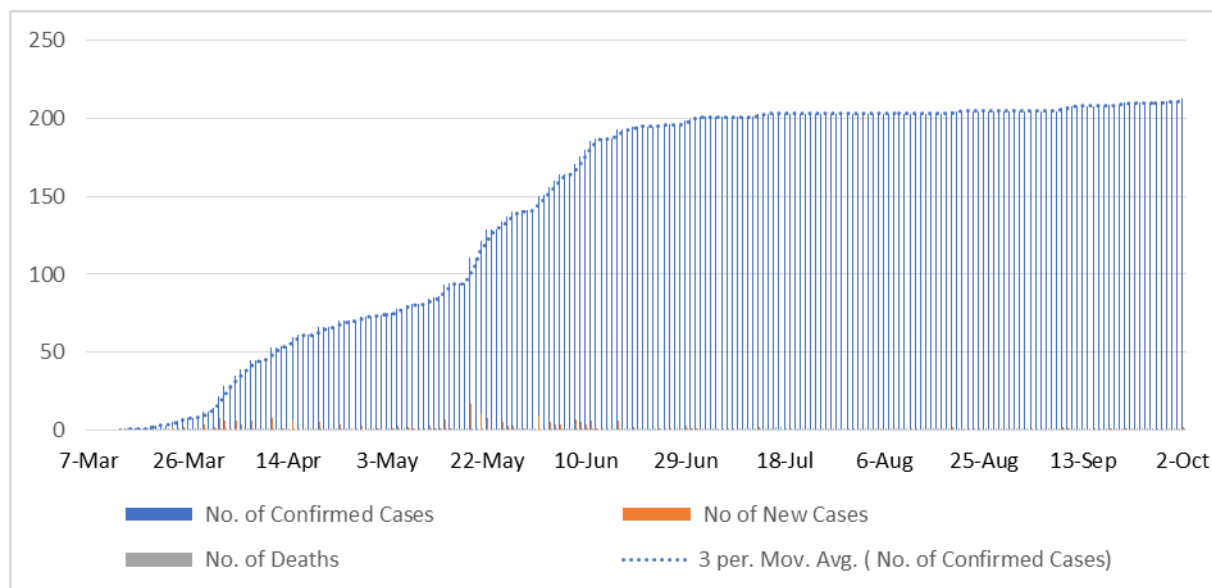
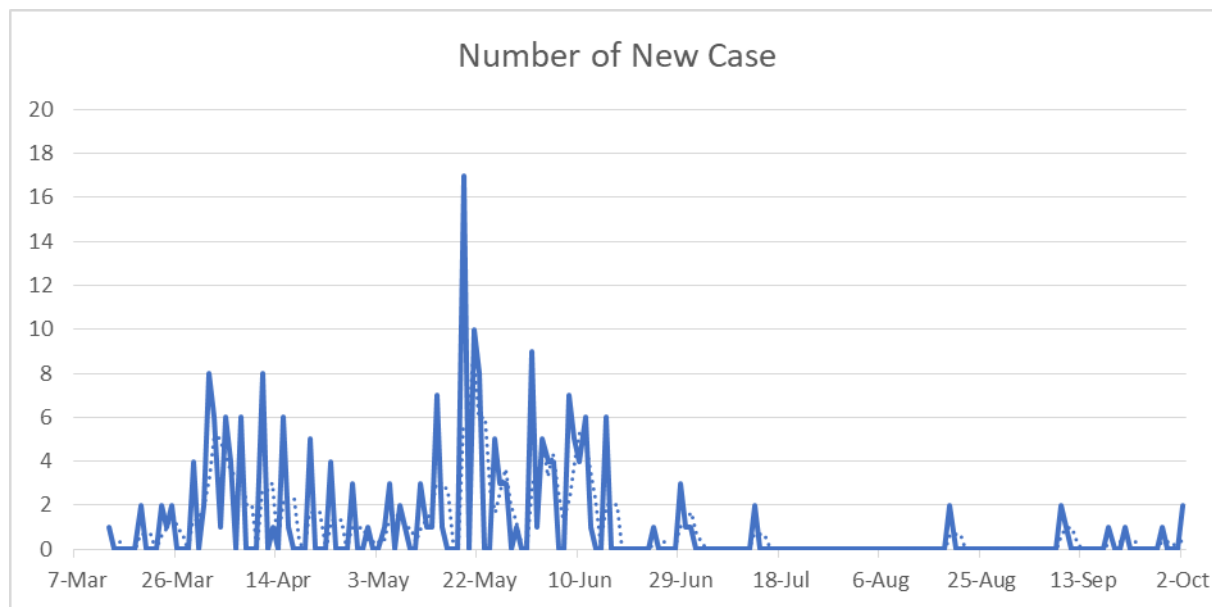
CHART 22A: BERMUDA



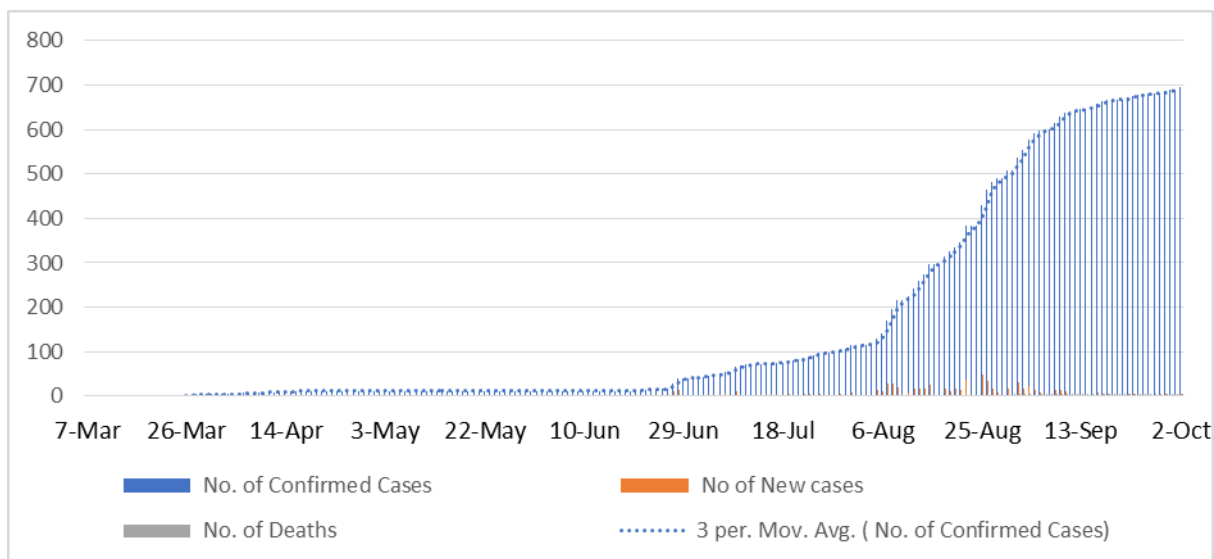
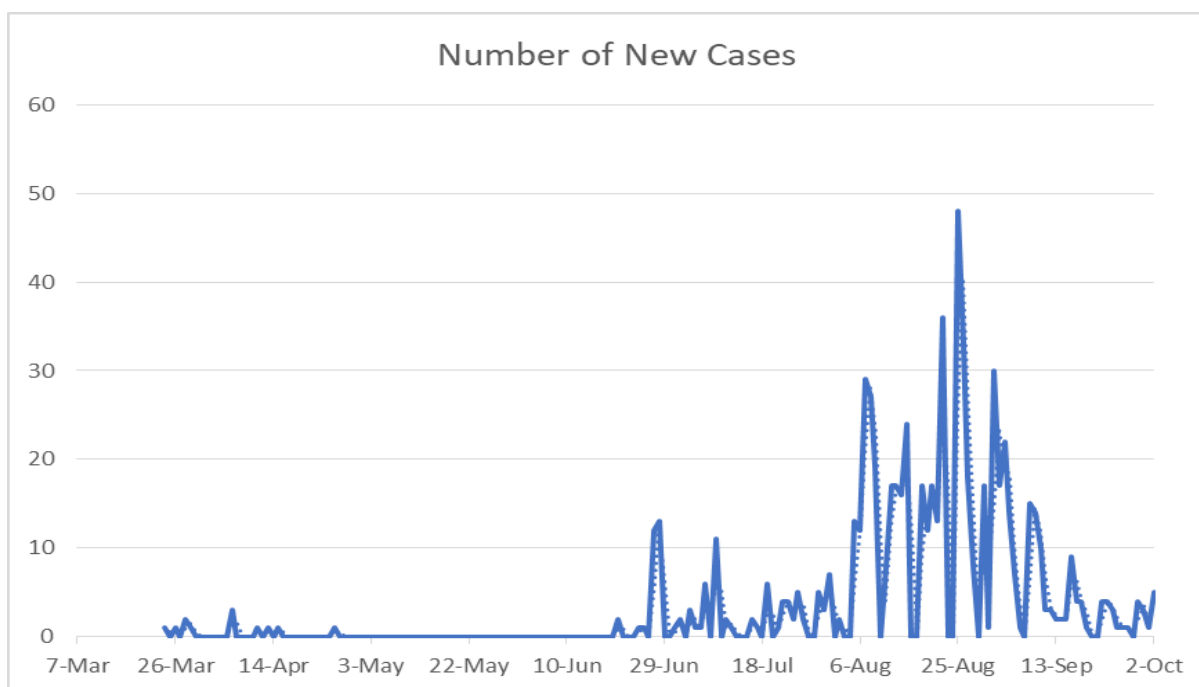
Note: Bermuda had **no new cases** during the current reporting **26 September – 2 October** as compared to **1 new case** during **19-25 September**. The number of confirmed cases for Bermuda stood at **181** as at **2 October** with **3 active cases**.

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

Note: In the British Virgin Islands, there were **no new cases** during the current reporting period, **26 September – 2 October** as compared to **2 new cases** during **19-25 September**. The total number of confirmed cases stood at **71** with **4 active cases**.

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

Note: There were **3 new cases** in Cayman Islands during the current reporting period, **26 September -2 October** as compared to **1 new case** during the last reporting period **19-25 September** . The number of confirmed cases stood at **213** with **3 active cases**.

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

Note: Turks and Caicos Islands had **15 new cases** during the current reporting period, **26 September- 2 October**, as compared **13 new cases** during **19-25 September**. The number of cases stood at **695** with **37 active cases**. The declining trend in the number of new cases is evident in Chart 25A from around early September.

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

COUNTRY	PERIOD	NO. OF CASES	NO. OF DAYS
With Haiti	31 July 4 September	12,036 24 099	35
Without Haiti	15 August 4 September	8,011 15,773	20
With Haiti	7 August 11 September	13,436 27,041	35
Without Haiti	19 August 11 September	9,203 18,584	23
With Haiti	12 August 18 September	14,747 30,184	37
Without Haiti	23 August 18 September	10,759 21,584	26
CARICOM-All countries	18 August 25 September	16,726 33,588	38 Rate: 2.01
CARICOM-All countries	21 August 2 October	18,069 36,165	42 Rate: 2.00
The Bahamas	15 August 4 September	1252 2476	20
	18 August 11 September	1424 2874	24
	20 August 18 September	1610 3214	29
	26 August 25 September	1923 3790	30
	30 August 2 October	2167 4332	33 Rate: 2.00

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DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

The Bahamas

Doubling (2.00) 33 days



Belize

Doubling (1.98) 31 days



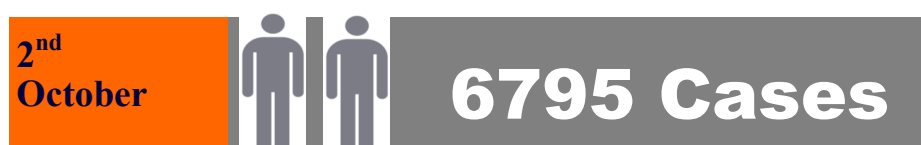
Guyana

Doubling (2.02) 26 days



Jamaica

Doubling (2.04) 24 days

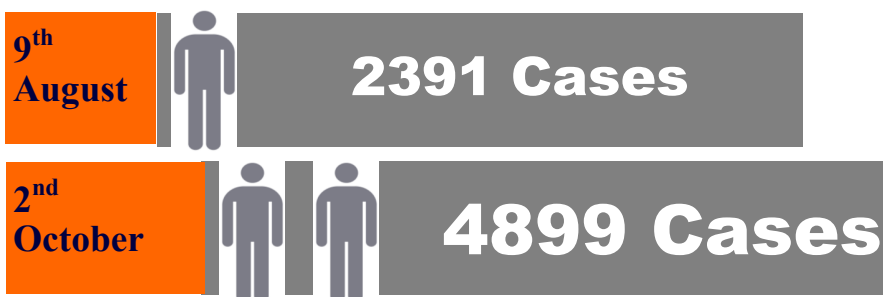


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DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

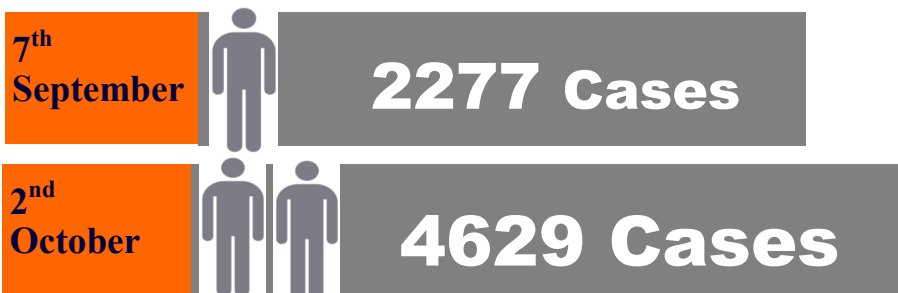
Suriname

Doubling (2.0) - 54 days



Trinidad and Tobago

Doubling (2.03) 25 days



Turks and Caicos Islands

Doubling (2.00) 42 days

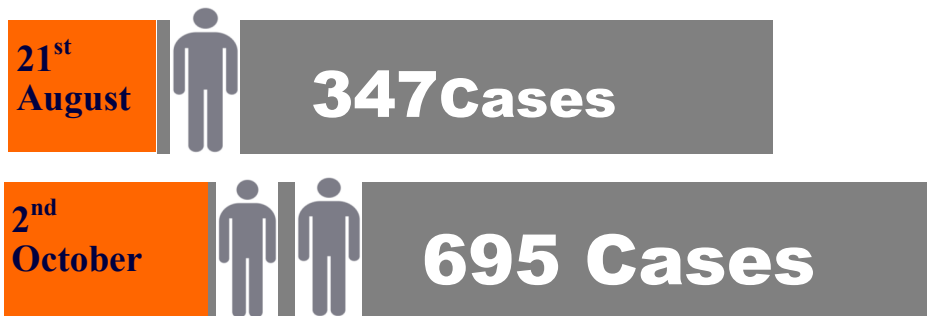


TABLE 9: EXPLANATIONS

Key Term/Issues	Explanation
Data on Testing	<p>Testing for the occurrence of COVID-19 provides an understanding of the pandemic. It tells us how the virus is spreading. Testing should be able to tell us about the total number of cases or persons infected. However given the availability or lack thereof of equipment for testing and the establishment of protocols in many countries that invariably implies that persons should fulfil stated criteria to qualify to be tested, it is likely that the total number of cases are unknown.</p> <p>This data set on testing has increasingly become available for most CARICOM countries with some countries consistently reporting this information. A possible difference in the data is that the tests are performed in different testing laboratories across countries. In some cases testing is done for countries or validated by the Caribbean Public Health Agency (CARPHA) while in other cases they are conducted at national laboratories. Another difference is that tests may include repeated testing for confirmed cases to determine whether these persons have recovered. It is also possible that different types of tests are being reported.</p> <p>Why is data on testing needed?</p> <p>The simple answer is that without data on tests conducted on the COVID-19 we cannot possibly understand how the pandemic is progressing, and which contacts to trace and to quarantine.</p>
Projections	<p>The projections in this and previous Issues largely rely on using observed doubling rates, the rates of change of the latest period of data (prior to the estimation) or using fitted trend lines. No sophisticated modelling has been utilised.</p> <p>For example in the case of Chart 2, a linear projection is undertaken and the equation of that straight line is given as follows:</p> $y = -103.42 + 25.045 x$ <p>Where y represents the number of confirmed cases and x the number of time periods from the commencement of the first case.</p> <p>Simply put, it is possible to use this equation to obtain predicted values. Assuming that it is necessary to calculate the number of predicted cases on the 29th April as per the linear trend, the number of time periods (x- value) from the 10 March is roughly 50 so the predicted value works out as follows:</p> $y_p = -103.42 + 25.045 \times 50 = 1252.25 - 103.42 = 1148.83.$ <p>The actual value for this same period is 1178 confirmed cases.</p>

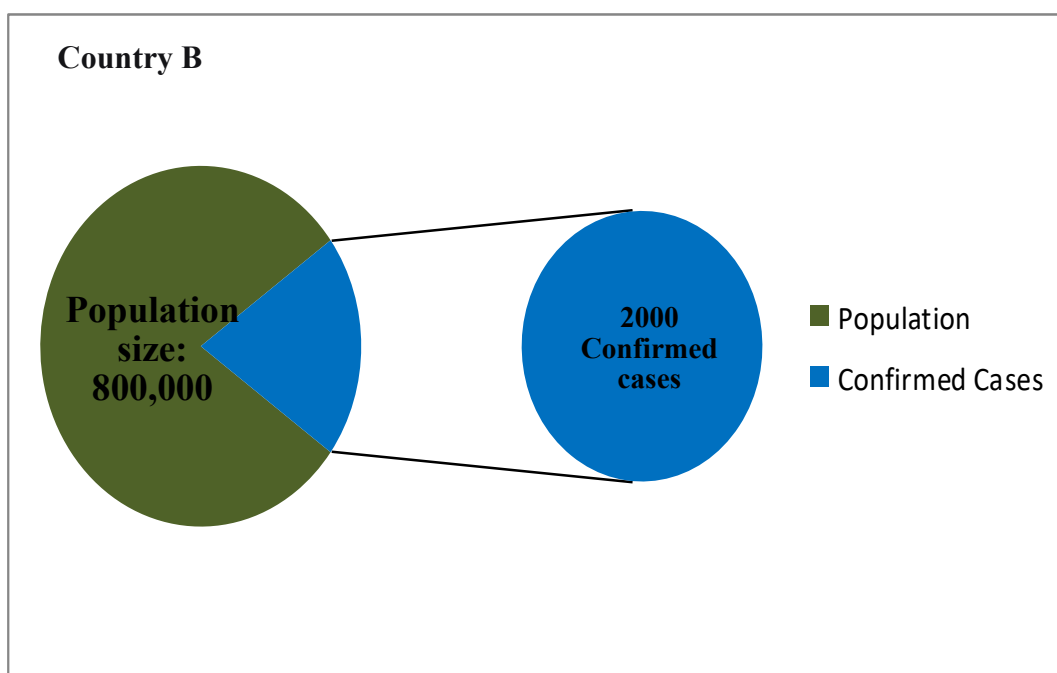
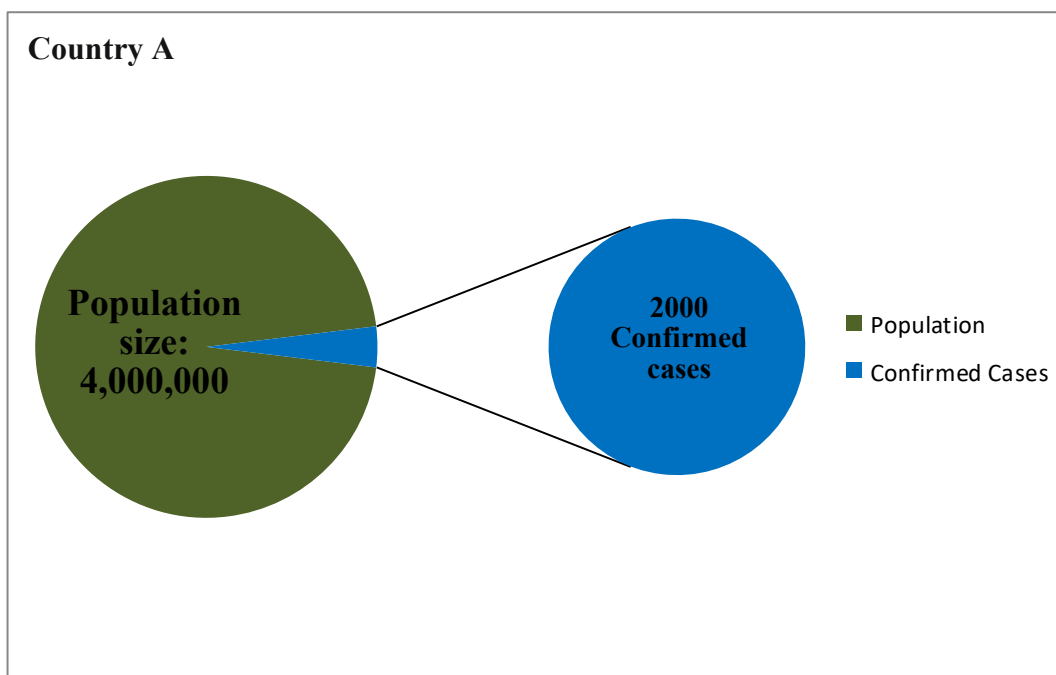
TABLE 9: EXPLANATIONS

Key Term/Issue	Explanation
Number of Cases per 100, 000 population	<p>The number of cases per 100,000 population is calculated by dividing the number of cases by the total population, and then multiplying the result by a standard population size in this case 100,000.</p> $Rate = \frac{No. of Confirmed Cases}{Total Population} \times 100,000$ <p>It is useful for comparing countries/regions of varying population sizes</p> <p>For very small values/small populations these rates may be unstable.</p>

ILLUSTRATION OF CONFIRMED CASES PER 100,000 POPULATION

While both countries A and B, in the illustration have 2000 Confirmed Cases – the impact in Country A with a population of 4,000,000 is much smaller than the impact in Country B with a population size of 800,000.

For Country A the impact (per 100,000 persons) is $2000/4,000,000 \times 100,000$, which is **50 persons**.
For Country B the impact is $2000/800,000 \times 100,000$ which is **250 persons, about 5 times larger**.



KEY REGIONAL AND INTERNATIONAL LINKS ON COVID-19

CARICOM Today:- <https://today.caricom.org/covid19/regional/>

Regional Statistics Programme (RSP): http://statistics.caricom.org/covid19_bulletin.html

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

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

Article: Tracking the Covid-19 Pandemic in CARICOM– Statistics of a Pandemic

<https://today.caricom.org/2020/05/04/tracking-covid-19-pandemic-in-caricom/>

Please note that this Newsletter will be on the Regional Statistics Programme's (RSP) website as well as on the UN Data Hub.

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