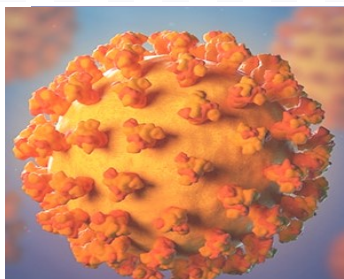


Stats News & Views



Special Topic Statistical Bulletin - COVID-19

Issue 30, 16 October 2020

The **Special Topic Statistical Bulletin on COVID 19 in CARICOM Countries Issue 30**, provides an update of the trajectory of the COVID-19 in the CARICOM Region up to **16 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. The forthcoming issue will be abridged due to the annual statistical meetings.

Situation at a Glance



AUGUST 2020						
Sun	Mon.	Tues.	Wed.	Thur.	Fri.	Sat.
.....	27 th 20,571	28 th 21,005	29 th 21,508
OCTOBER 2020						
11 th 39,619	12 th 39,913	13 th 40,133	14 th 40,515	15 th 40,861	Friday, 16 th 41,216	

Doubling Rate—2.00

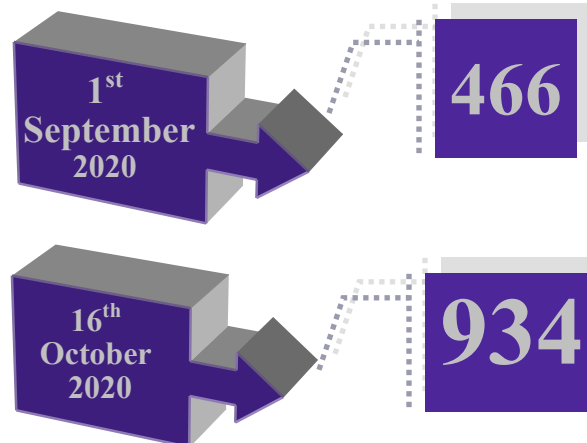
Total number of confirmed cases increased by

20,645 over 50 days

[27 August - 16 October]



Total number of deaths
increased by 468 in 45 days
(1 September - 16 October) at a rate of
2.00



Special Topic Bulletin - COVID 19

TABLE 1: SUMMARY ALL COUNTRIES -NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS - 5 SEPTEMBER – 16 OCTOBER 2020

Date	No. of Confirmed Cases	No. of New Cases	No. of Deaths
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
03-Oct	36550	385	802
04-Oct	36942	392	807
05-Oct	37283	341	816
06-Oct	37661	378	829
07-Oct	37968	307	834
08-Oct	38434	466	844
09-Oct	38889	455	862
10-Oct	39274	385	871
11-Oct	39619	345	883
12-Oct	39913	294	889
13-Oct	40133	220	898
14-Oct	40515	382	915
15-Oct	40861	346	923
16-Oct	41216	355	934

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.

TABLE 1A: SUMMARY OF SELECTED VARIABLES BY COUNTRY AS AT 16 OCTOBER 2020

Country	Confirmed Cases	New Cases	Deaths	Recoveries	Active Cases	Tests Conducted
Total Member States	40,026	2,310	917	27,261	11,738	284,665
Antigua and Barbuda	113	2	3	100	10	3162
Bahamas	5628	673	130	3276	2199	26869
Barbados	219	14	7	195	17	29854
Belize	2728	301	43	1626	1059	18698
Dominica	33	1	0	29	4	3955
Grenada	27	3	0	24	3	1125
Guyana	3672	314	107	2590	975	16561
Haiti	8925	43	231	7182	1512	29912
Jamaica	8195	636	191	3653	4265	87976
Montserrat	13	0	1	11	0	383
Saint Lucia	33	5	0	27	6	9027
St Kitts and Nevis	19	0	0	19	0	2828
St Vincent and the Grenadines	67	3	0	64	3	5793
Suriname	5113	95	109	4920	84	17179
Trinidad and Tobago	5241	220	95	3545	1601	31343
Total Associate Members	1,190	17	17	1,130	42	128,560
Anguilla	3	0	0	3	0	662
Bermuda	185	1	9	172	4	75143
British Virgin Islands	72	1	1	70	1	5461
Cayman Islands	233	13	1	212	20	43506
Turks and Caicos Islands	697	2	6	673	17	3788
Total CARICOM	41,216	2,327	934	28,391	11,780	413,225

Notes:

1. New Cases are for the period 10-16 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 14 deaths that are under investigation and excludes 23 deaths that are classified as due to non-COVID-19 causes. The total number of deaths of COVID-19 patients is 153.
4. For Jamaica, the number of deaths in the table includes 23 deaths that are under investigation and excludes 11 deaths that are classified as due to non-COVID-19 causes. The total number of deaths of COVID-19 patients is 202.
5. There is a lag (3 days) in the data for Haiti.

What do we learn from the Data?

[as at 16 October 2020]

The number of confirmed cases moved from **38,889 cases (adjusted)** as at **9 October** to **41,216 cases on 16 October**. The number of deaths moved from **862** to **934**. There were **2327 new cases** (2724 new cases (adjusted) for the last period) and **72 new deaths** (69 new deaths for the last period). **The Bahamas** led in the number of new cases with **673**, followed by **Jamaica** with **636**, **Guyana**, **314**, **Belize**, **301**, **Trinidad and Tobago**, **220**, **Suriname**, **95** and **Haiti**, **43**.

Recoveries as at **16 October 2020** stood at **28,391** and active cases at **11,780** as compared to **26,183** recoveries (adjusted) and **11,740** active cases (adjusted) as at **9 October**.

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 three (3) countries with no active cases as at **16 October**. These countries are:- *Anguilla, Montserrat, and St. Kitts and Nevis*.
- ◆ Five (5) countries, *British Virgin Islands (1), Grenada (3), St Vincent and the Grenadines (3), Dominica (4) and Bermuda (4)* had 1-4 active cases, and two (2) countries *Saint Lucia (6) and Antigua and Barbuda (10)* had 5-10 active cases.
- ◆ Three (3) countries- *Barbados(17), Turks and Caicos Islands (17) and Cayman Islands (20)* had 11-25 active cases.
- ◆ One (1) country had greater than 25 but less than 100 active cases: *Suriname (84)*.
- ◆ The remaining six (6) countries had 900+ active cases: *Guyana (975), Belize (1059), Haiti (1512), Trinidad and Tobago (1601), The Bahamas (2199) and Jamaica (4265)*.

Recoveries

- ◆ As mentioned earlier, there were three countries for which all active cases had recovered as at **16 October**.
- ◆ Among the other countries, *Haiti* had **7182** recoveries (**80 percent** of its total confirmed cases), *Suriname*, **4920** (**96 percent**), *Jamaica*, **3653** (**45 percent**), *Trinidad and Tobago* **3545** (**68 percent**), *The Bahamas*, **3276** (**58 percent**), *Guyana* **2590**, (**71 percent**), *Belize*, **1626** (**60 percent**), *Turks and Caicos Islands*, **673** (**97 percent**) and *Cayman Islands*, **212** (**91 percent**).

Confirmed Cases

- ◆ In absolute terms the countries with the highest numbers of Confirmed Cases are *Haiti*, **8925**, *Jamaica*, **8195**, *The Bahamas*, **5628**, *Trinidad and Tobago*, **5241**, *Suriname*, **5113**, *Guyana*, **3672**, *Belize*, **2728**, *Turks and Caicos Islands*, **697**, *Cayman Islands*, **233**, *Barbados* **219** and *Bermuda*, **185**.
- ◆ In rates per 100,000 population for countries with 25+ cases, *Turks and Caicos Islands* is still in the lead with **1687.65**, followed by *The Bahamas* with **1475.93**, *Suriname* with **877.02**, *Belize* with **685.34** and *Guyana*, **495.55**. *Trinidad and Tobago* is next with **385.60**.
- ◆ *Haiti* is at **78.21**. *Montserrat (under 25 cases)* has a rate of **260 (13 cases)**. [Please see Table 2 for rates for other countries].

Deaths

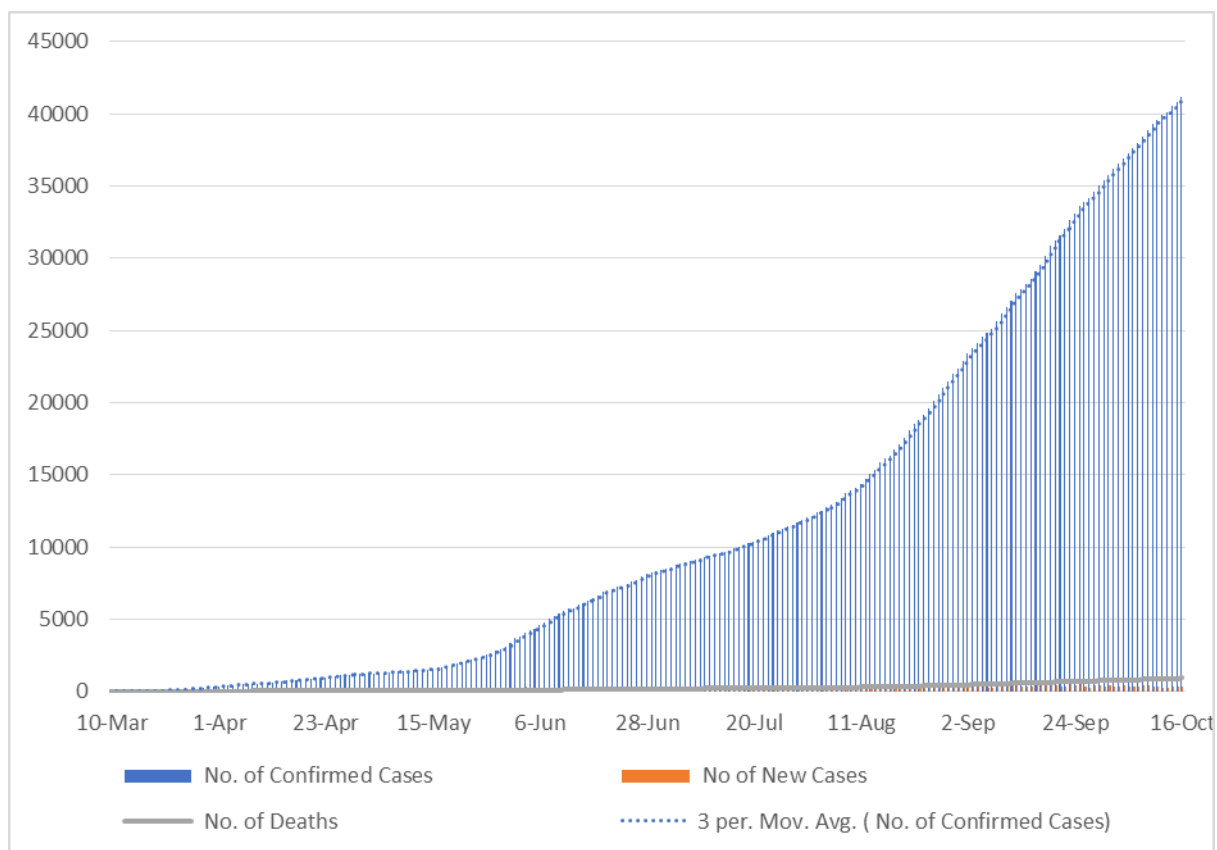
- ◆ *Haiti* has the highest number of deaths as at **16 October** with **231** an increase of **1** from **9 October**. *Jamaica* with **191** (+37) is in second place followed by *The Bahamas* **130** (+10), *Suriname*, **109** (+3), and *Guyana*, **107** (+7).
- ◆ *Trinidad and Tobago* has **95** deaths (+6) and *Belize*, **43** (+8). *The Bahamas* has a total of **153** deaths of COVID-19 patients including **23** that are classified as non-COVID-19 causes and **14** under investigation. Similarly, *Jamaica* has a total of **202** deaths of COVID-19 patients including **11** classified as non-COVID-19 causes and **23** under investigation.
- ◆ The number of deaths per 100,000 population is the highest in *The Bahamas* with **34.09**, *Montserrat* is second with **20 (1)**, followed by *Suriname* with **18.70**, *Turks and Caicos Islands* with **14.53** and *Guyana*, at **14.44** is now in the top 5, passing *Bermuda* that is at **14.07 (9)**. *Haiti* has a rate of **2.02**.
- ◆ 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 **4.9**, *Barbados*, **3.2 (7)**, *Guyana*, **2.9** and *Antigua and Barbuda*, **2.7 (3)**.

Testing- [Tracking the pandemic]

- ◆ *Bermuda*, with a rate per 100,000 of the number of tests conducted of **117,460.5 (75,143 tests)**, has the highest rate followed by *Cayman Islands* with **66,105.5 (43,506 tests)**, *British Virgin Islands* **18,733.5 (5461 tests)**, *Barbados*, **10,870.5 (29,854 tests)** and *Turks and Caicos Islands* with **9171.9 (3788 tests)**. *Jamaica* has conducted the highest number of tests with **87,976** but is in **fifteenth place** with **3225.5 tests per 100,000 population**.

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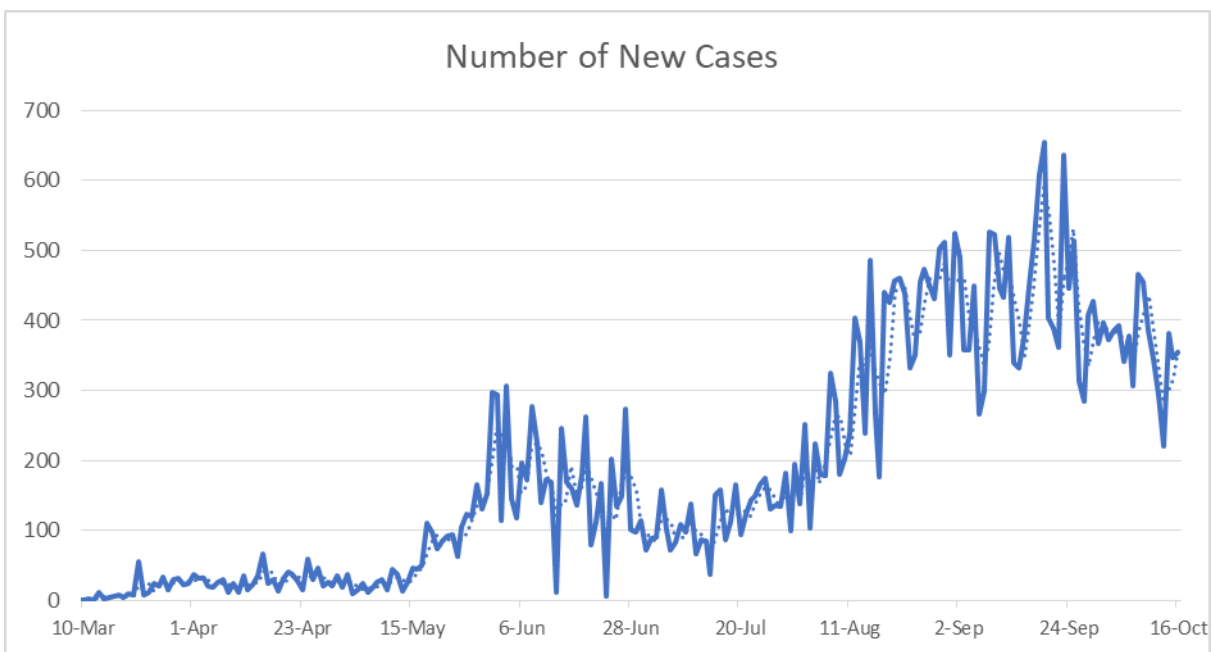
CHART 1: SUMMARY ALL COUNTRIES - NUMBER OF CONFIRMED CASES, NEW CASES AND DEATHS – 10 MARCH - 16 OCTOBER 2020



Note: The number of confirmed cases moved from **38,889 (adjusted)** as at **09 October** to **41,216** as at **16 October**, increasing by **2,327 cases**, while the number of deaths moved from **862** to **934**, an increase of **72**.

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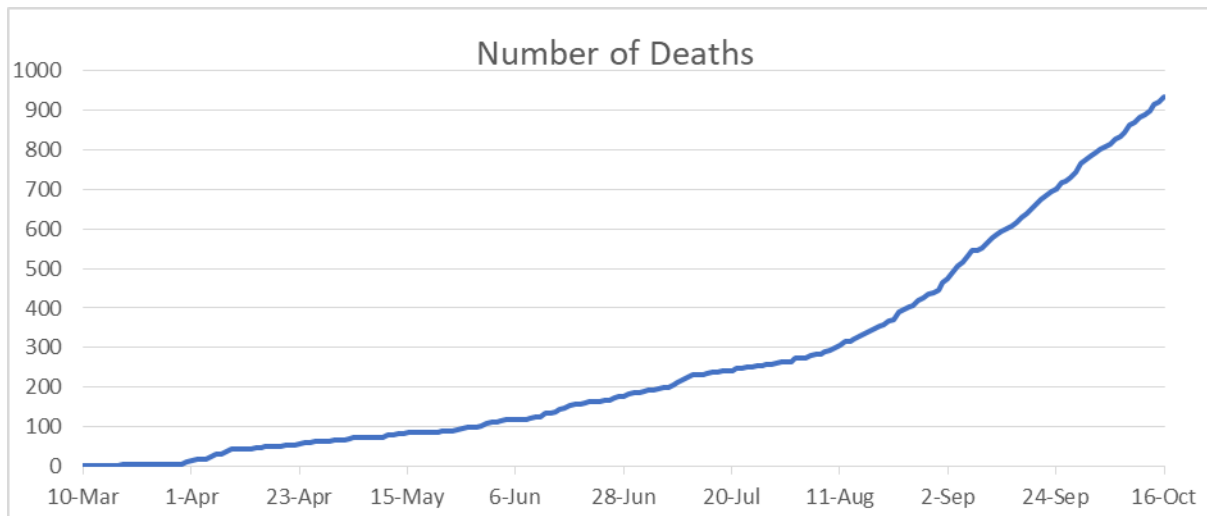
**CHART 1A: SUMMARY ALL COUNTRIES - NUMBER OF NEW CASES -
10 MARCH - 16 OCTOBER 2020**



Note: The total number of **new cases** for the period **10-16 October** is **2327** as compared to **2724** (adjusted) during the last reporting period **3- 9 October**, a decrease of **397 new cases**. **The Bahamas** had the highest number of new cases with **673 (28.9 percent of the total new cases for CARICOM)**, followed by **Jamaica with 636 (27.3 percent)**, **Guyana, 314 (13.5 percent)**, **Belize, 301 (12.9 percent)**, **Trinidad and Tobago, 220 (9.5 percent)**, and **Suriname, 95 (4.1 percent)**. The increasing trend in the number of new cases is evident in Chart 1B, but there is a decline in the number of new cases from early October.

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**CHART 1B: SUMMARY ALL COUNTRIES - NUMBER OF DEATHS -
10 MARCH - 16 OCTOBER 2020**



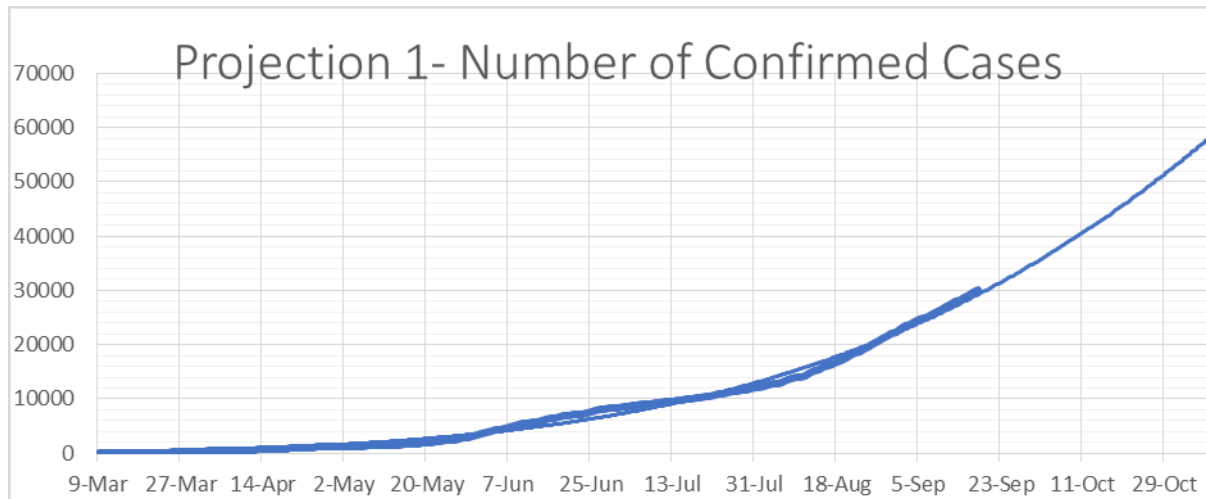
Note: The total number of deaths this reporting period **10-16 October** is **934** an increase of **72** from the previous reporting period **3-9 October**.

Haiti leads with 231 deaths followed by **Jamaica with 191**, **The Bahamas, 130**, **Suriname, 109**, **Guyana with 107 deaths**, **Trinidad and Tobago, 95** and **Belize, 43**.

The number of deaths for **The Bahamas, 130**, includes **14 deaths** of COVID-19 patients that are classified as under investigation and excludes **23 deaths** that are classified as due to non-COVID-19 causes. This implies that a total of **153 COVID-19 patients** have died in this Member State as at **16 October**.

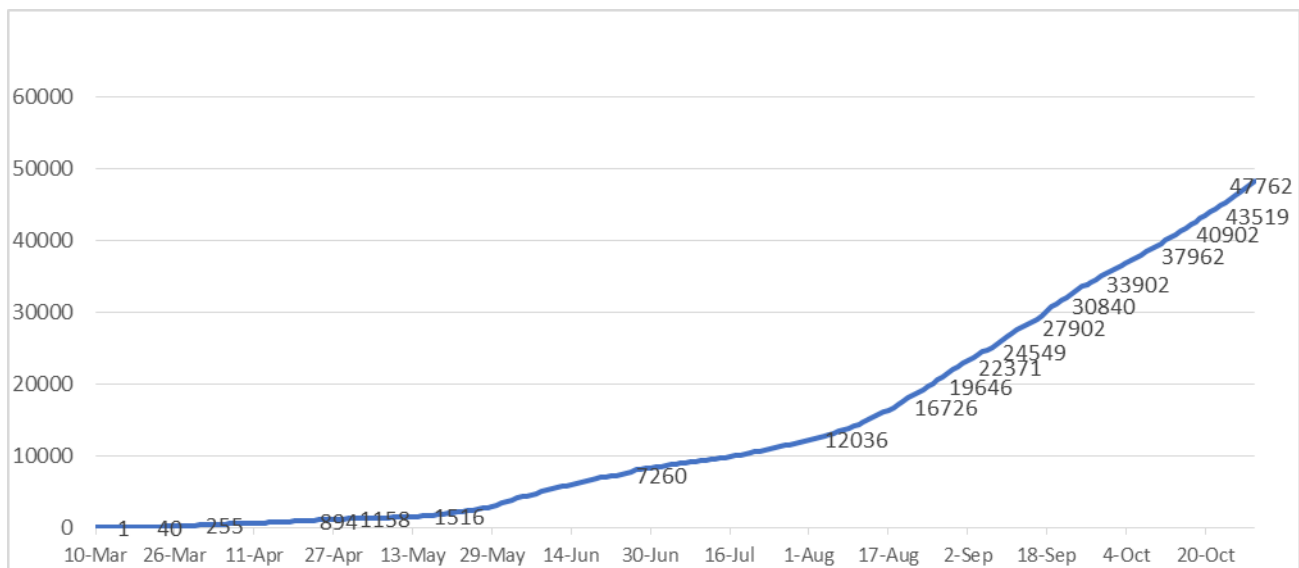
The total number of deaths for Jamaica, **191**, includes **23 deaths** that are classified as under investigation and excludes **11 deaths** that are stated to be due to non-COVID-19 causes, implying that **202 COVID-19 patients** have died in Jamaica as at **16 October**.

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



Note: The non-linear trendline gave a projected value **16 October** of **41, 000**. The actual value as at **16 October** is **41,216**, a difference of **(216)**. The projected value for **23 October** is **46, 000**.

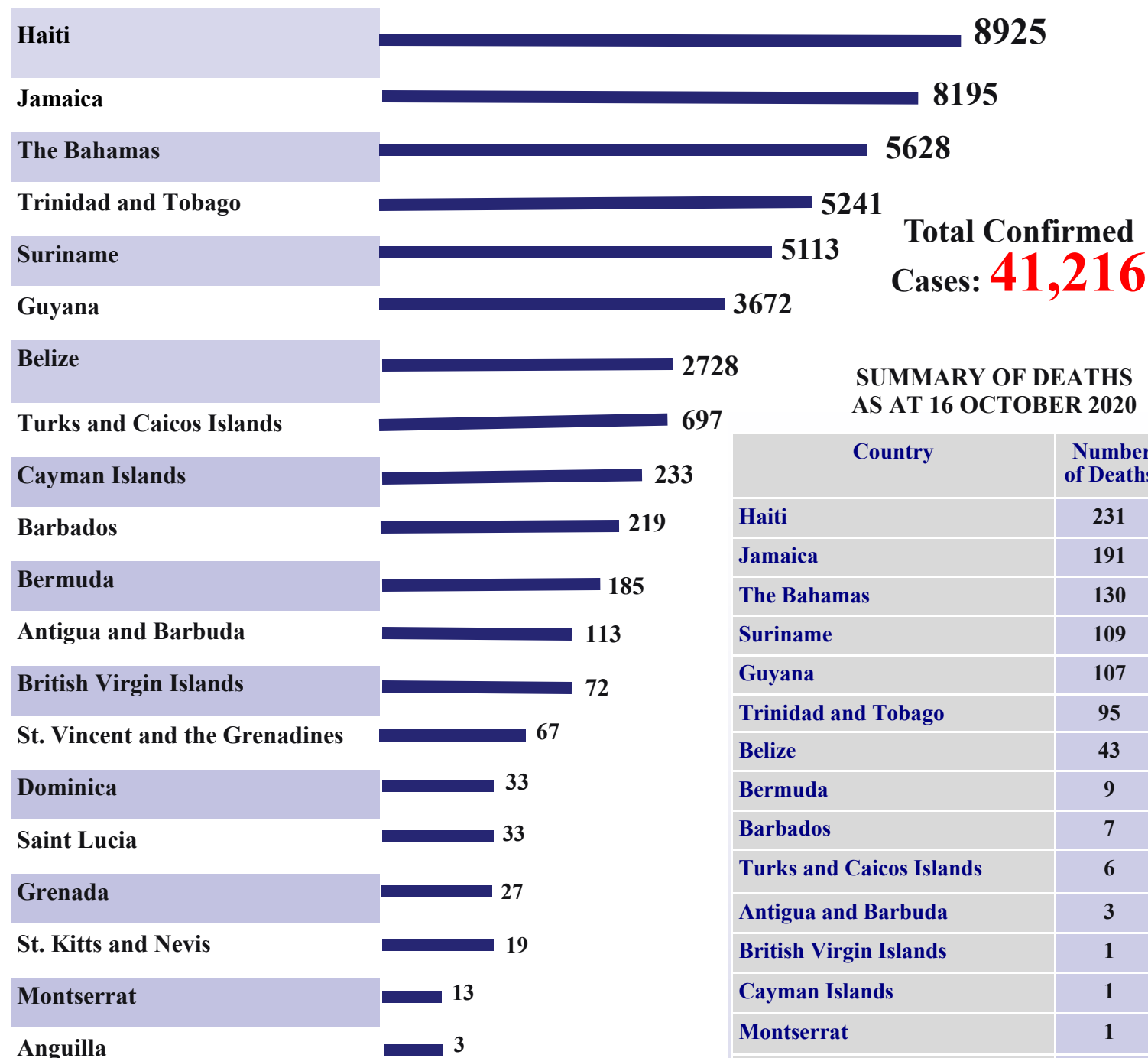
CHART 2A: UPDATED PROJECTION USING GROWTH RATES (7-9 OCTOBER) OF THE NUMBER OF CONFIRMED CASES PROJECTED UP TO OCTOBER 2020



Note: The projected value for **16 October** was **41, 756**. The actual value is **41,216**, a difference of **540**. The projection for **23 October** is **44, 890**.

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SUMMARY OF CONFIRMED CASES AS AT 16 OCTOBER 2020



Note: The number of confirmed cases in **Haiti** is **8925**, which is about **1.1 times** the number of confirmed cases in **Jamaica (second)** that has **8195** confirmed cases and is getting closer to Haiti. **The Bahamas (third)** with **5628** has surpassed Trinidad and Tobago (**fourth**) with **5241** confirmed cases. **Suriname (fifth)** with **5113** confirmed cases continues to show steady improvement. **Guyana (sixth)** has **3672** confirmed cases; **Belize (seventh)** has **2728** confirmed cases, with **Turks and Caicos Islands (eighth)** with **697**. Haiti, still with the highest number of deaths, had +1 death. Jamaica had +37 deaths, including 23 deaths under investigation (UI) and excluding 11 COVID-19 coincidental deaths (CD). The Bahamas had +10 deaths, including 14 deaths UI and excluding 23 COVID-19 CDs. Suriname had +3 deaths, Guyana had +7 deaths, Trinidad and Tobago had +6 deaths and Belize had +8 deaths. The Bahamas has 153 deaths if all deaths are counted and similarly Jamaica has 202.

Total Deaths: 934

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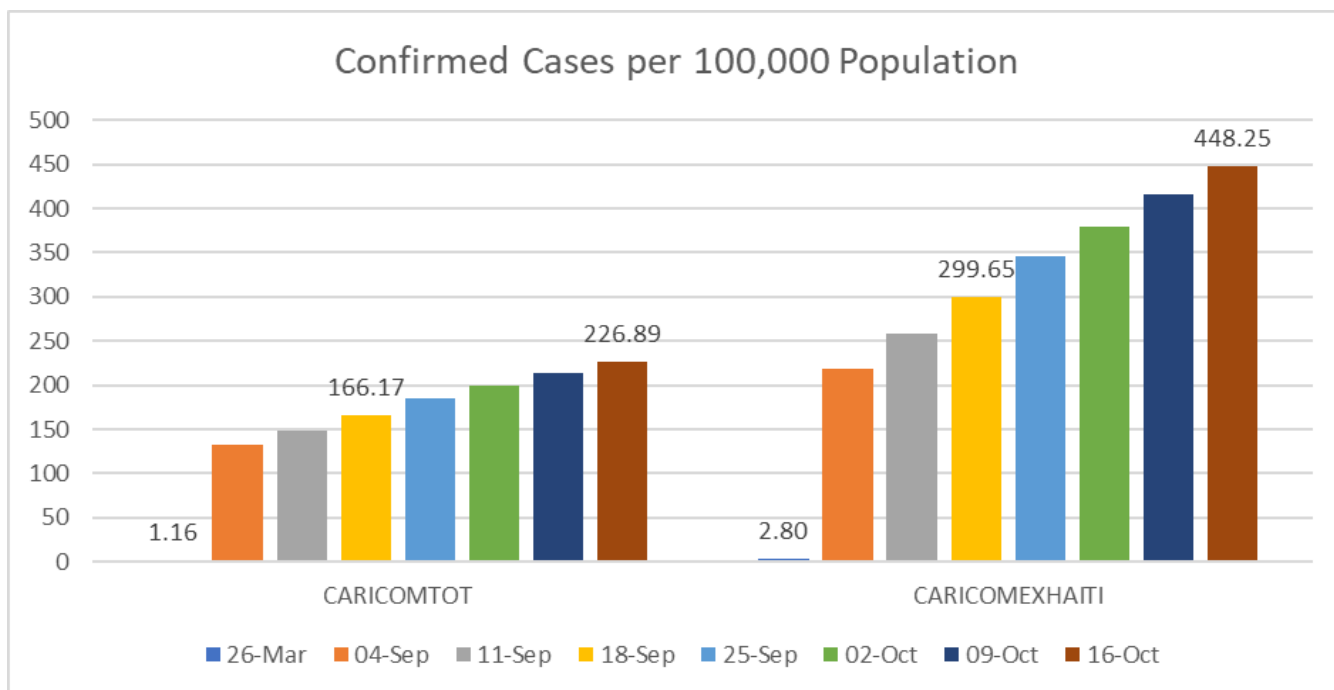
TABLE 2: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION IN CARICOM –SELECTED COUNTRIES– 4 September – 16 OCTOBER

COUNTRY	04-Sep	11-Sep	18-Sep	25-Sep	02-October	09-October	16-October
CARICOM -ALL COUNTRIES	132.67	148.87	166.17	184.90	199.09	213.93	226.89
CARICOM EXCLD HAITI	218.96	258.01	299.65	345.17	379.61	416.55	448.25
ANTIGUA AND BARBUDA	99.99	99.99	99.99	103.14	111.56	116.82	118.93
THE BAHAMAS	649.32	753.70	842.86	993.92	1136.05	<u>1299.43</u>	1475.93
BARBADOS	64.81	65.54	67.36	68.82	71.37	74.65	79.74
BERMUDA	273.55	276.68	281.37	282.93	282.93	287.62	289.18
BELIZE	289.41	360.51	399.45	454.21	<u>522.55</u>	609.72	<u>685.34</u>
BRITISH VIRGIN ISLANDS	216.12	219.55	236.70	243.56	243.56	243.56	246.99
CAYMAN ISLANDS	311.49	316.05	317.57	319.09	323.64	334.28	354.03
DOMINICA			34.72	41.67	43.06	44.44	45.83
GUYANA	191.09	237.92	283.67	365.59	400.54	453.17	495.55
HAITI	72.96	74.11	75.36	76.44	77.28	77.59	78.21
JAMAICA	108.67	132.83	174.45	214.63	249.13	277.14	300.46
SAINT LUCIA	14.53	14.53	15.08	15.08	15.08	15.64	18.44
ST VINCENT AND THE GRENADINES	54.95	55.86	57.66	57.66	57.66	57.66	60.36
SURINAME	729.33	776.84	804.63	826.24	840.31	860.72	877.02
TRINIDAD & TOBAGO	150.09	207.84	268.62	314.67	340.57	369.41	385.60
TURKS AND CAICOS ISLANDS	1430.99	1552.06	1615.01	1646.49	1682.81	1682.81	1687.65

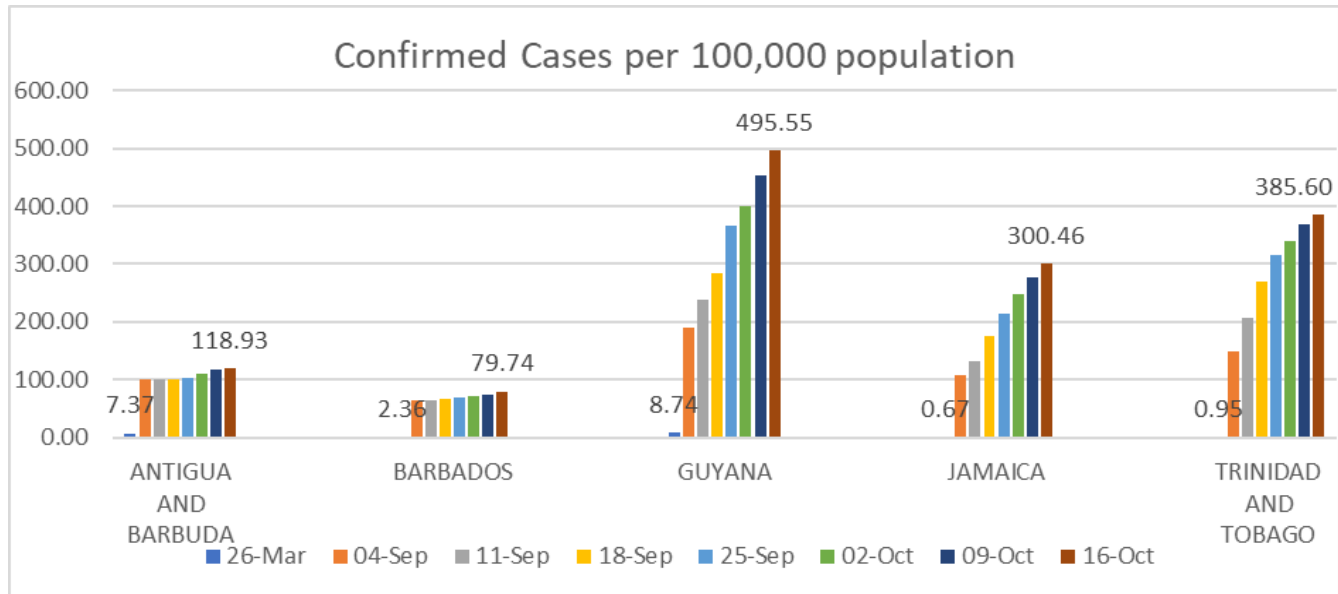
Note: Please check the Explanatory Notes repeated in this Issue for the use of rates per 100,000 population in comparing values across countries.

Of the countries with 25 + *confirmed cases*, the top five countries for the number of confirmed cases per 100,000 population as at 9 October are: *Turks and Caicos Islands (1687.65)*, *The Bahamas (1475.93)*, *Suriname (877.02)*, *Belize (685.34)* and *Guyana (495.55)*. *Trinidad and Tobago has a rate of 385.60*. *Cayman Islands follows with 354.03*. *Haiti with the highest number of confirmed cases has a rate of 78.21*. 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. .

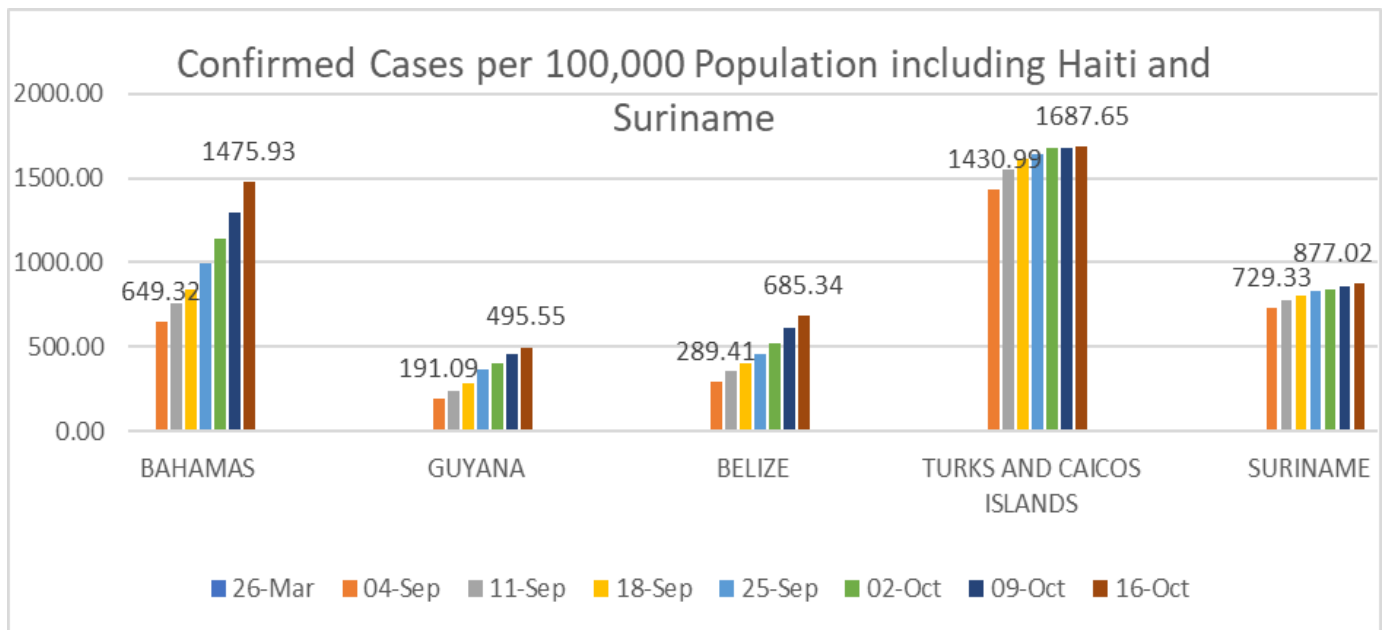
**CHART 3: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION-
CARICOM WITH AND WITHOUT HAITI 26 MARCH-16 OCTOBER 2020**



**CHART 3A: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION –
SELECTED COUNTRIES 26 MARCH– 16 OCTOBER 2020**



**CHART 3B: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION –
SELECTED COUNTRIES (INCLUDING SURINAME AND TURKS AND CAICOS
ISLANDS)
26 MARCH– 16 OCTOBER 2020**



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CHART 3C: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION – BERMUDA AND CAYMAN ISLANDS -26 MARCH– 16 OCTOBER 2020

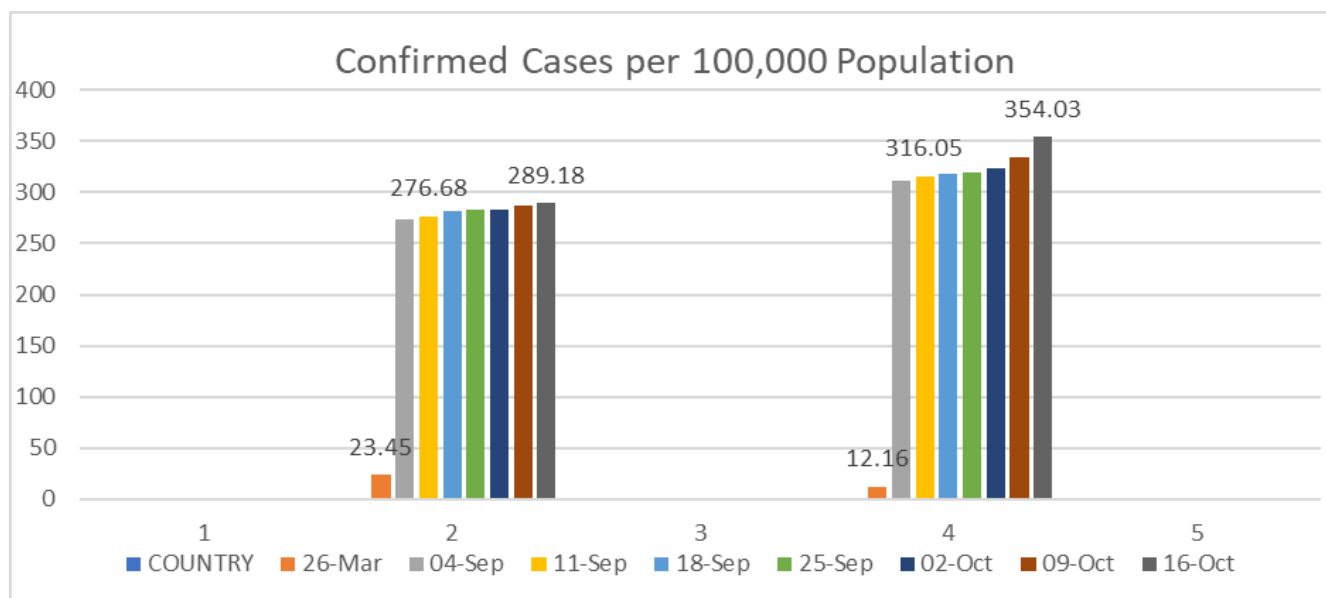
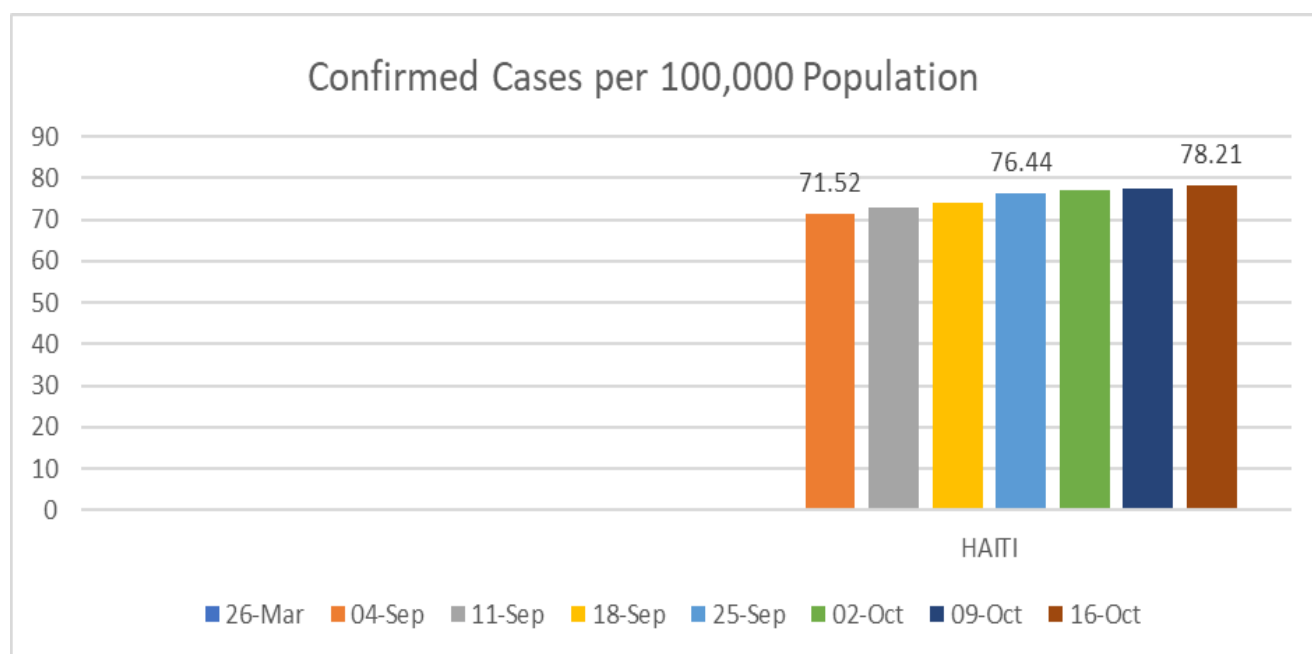
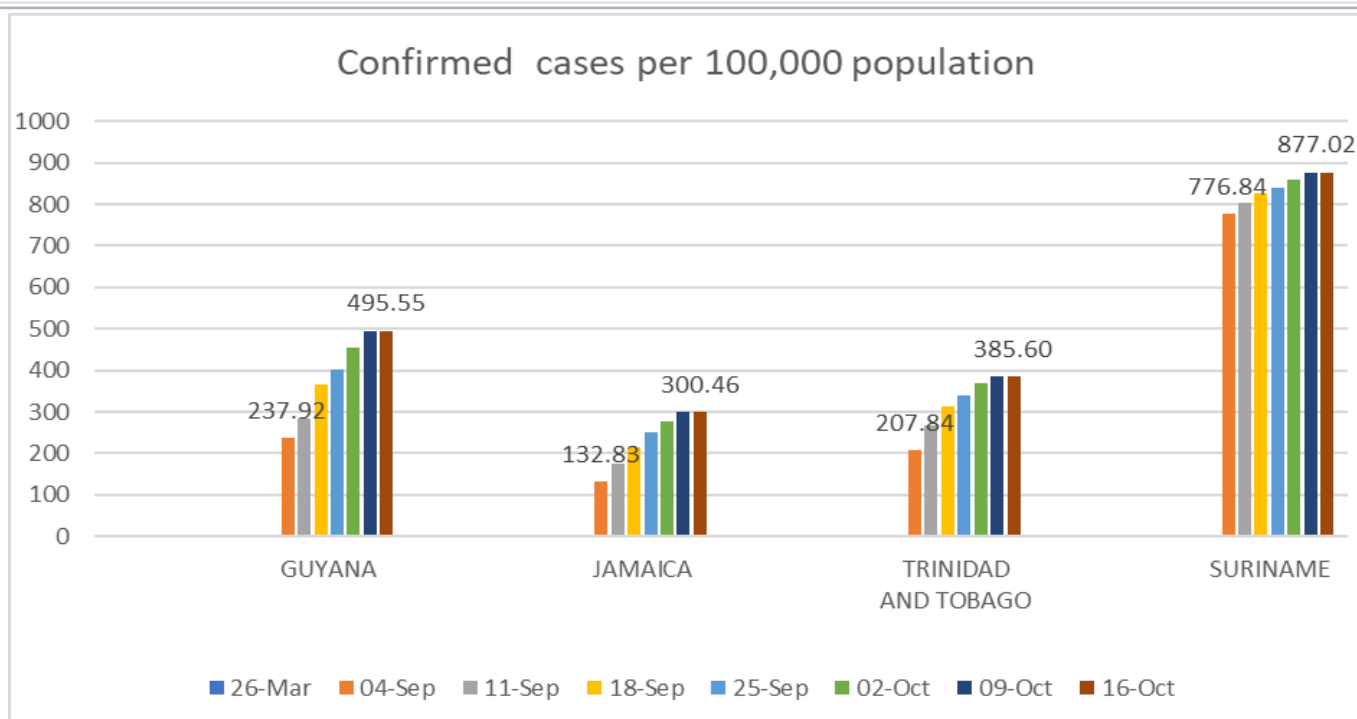


CHART 3D: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION- HAITI - 26 MARCH– 16 OCTOBER 2020

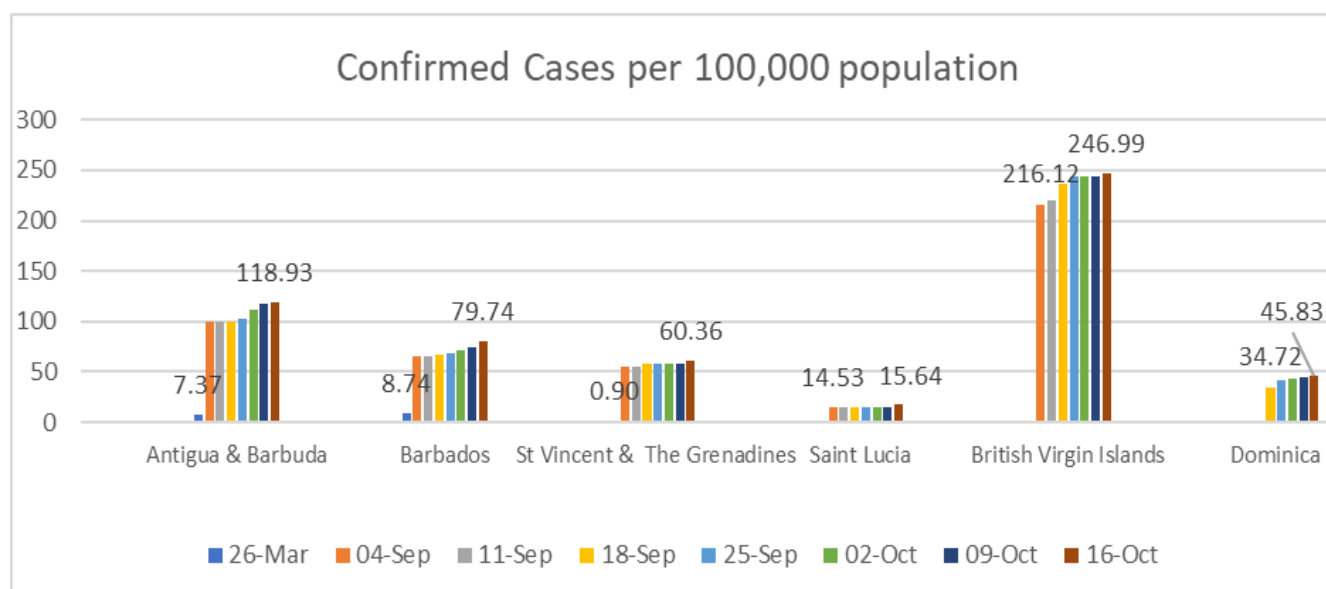


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**CHART 3E: NUMBER OF CONFIRMED CASES PER 100,000 POPULATION
GUYANA, JAMAICA, TRINIDAD AND TOBAGO AND SURINAME
26 MARCH– 16 OCTOBER 2020**



**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– 16 OCTOBER 2020**



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**TABLE 3: NUMBER OF DEATHS PER 100,000 POPULATION
4 SEPTEMBER – 16 OCTOBER 2020**

	DATE						
	04– September	11– September	18 - September	25 - September	02- October	09- October	16– October
CARICOM - ALL COUNTRIES	2.79	3.19	3.52	3.96	4.37	4.75	5.14
CARICOM EXCL. HAITI	4.10	5.04	5.80	6.83	7.83	8.77	9.76
ANTIGUA AND BARBUDA	3.16	3.16	3.16	3.16	3.16	3.16	3.16
THE BAHAMAS	18.36	20.19	23.08	26.75	29.37	31.47	34.09
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	3.77	4.77	5.02	5.78	7.03	8.79	10.80
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	5.94	7.02	8.37	9.85	11.47	13.50	14.44
HAITI	1.86	1.89	1.94	1.99	2.01	2.02	2.02
JAMAICA	1.21	1.65	2.38	3.48	4.77	5.65	7.00
MONTSERRAT	20.00	20.00	20.00	20.00	20.00	20.00	20.00
SURINAME	12.86	15.95	16.47	17.50	18.01	18.18	18.70
TRINIDAD & TOBAGO	2.28	3.68	4.41	5.15	5.59	6.55	6.99
TURKS AND CAICOS ISLANDS	12.11	12.11	12.11	12.11	14.53	14.53	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.

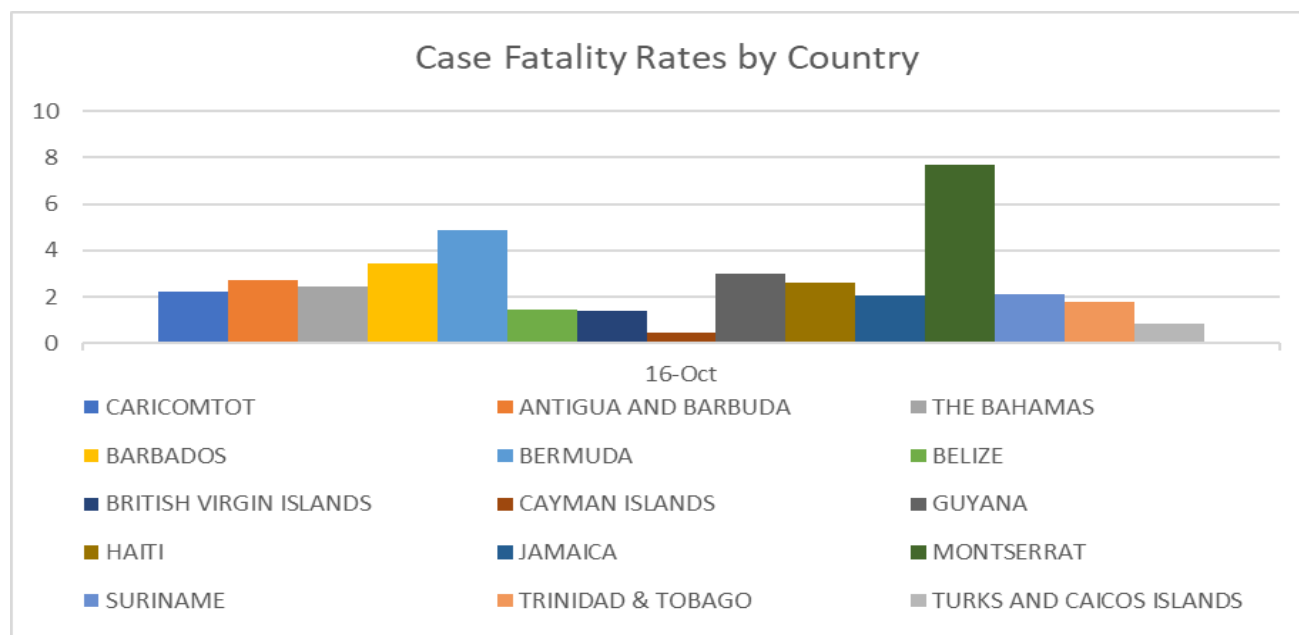
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**TABLE 3A: DEATHS AS A PERCENTAGE OF THE NUMBER OF
CONFIRMED CASES– CASE FATALITY RATES –4 SEPTEMBER – 16 OCTOBER**

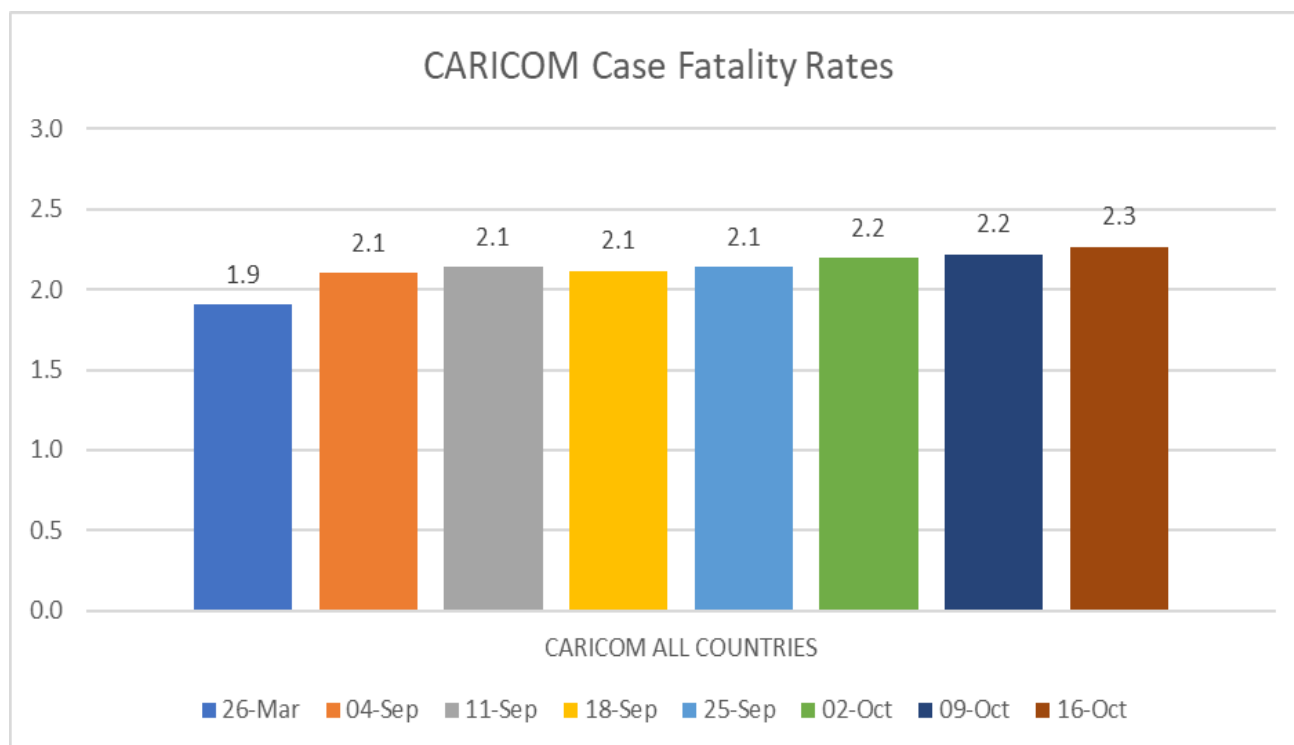
	DATE						
COUNTRY	04– September	11– September	18 - September	25 - September	02- October	09- October	16– October
CARICOM-ALL COUN- TRIES	2.1	2.1	2.1	2.1	2.2	2.2	2.3
ANTIGUA AND BARBUDA	3.2	3.2	3.2	3.1	2.8	2.7	2.7
THE BAHAMAS	2.8	2.7	2.7	2.7	2.6	2.4	2.3
BARBADOS	3.9	3.9	3.8	3.7	3.6	3.4	3.2
BERMUDA	5.1	5.1	5.0	5.0	5.0	4.9	4.9
BELIZE	1.3	1.3	1.3	1.3	1.3	1.4	1.6
BRITISH VIRGIN ISLANDS	1.6	1.6	1.4	1.4	1.4	1.4	1.4
CAYMAN ISLANDS	0.5	0.5	0.5	0.5	0.5	0.5	0.4
GUYANA	3.1	2.9	2.9	2.7	2.9	3.0	2.9
HAITI	2.5	2.6	2.6	2.6	2.6	2.6	2.6
JAMAICA	1.1	1.2	1.4	1.6	1.9	2.0	2.3
MONTSERRAT	7.7	7.7	7.7	7.7	7.7	7.7	7.7
SURINAME	1.8	2.1	2.0	2.1	2.1	2.1	2.1
TRINIDAD & TOBAGO	1.5	1.8	1.6	1.6	1.6	1.8	1.8
TURKS AND CAICOS ISLANDS	0.8	0.8	0.7	0.7	0.9	0.9	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.

**CHART 4: DEATHS AS A PERCENTAGE OF CONFIRMED CASES-
CASE FATALITY RATES BY COUNTRY AS AT 16 OCTOBER 2020**

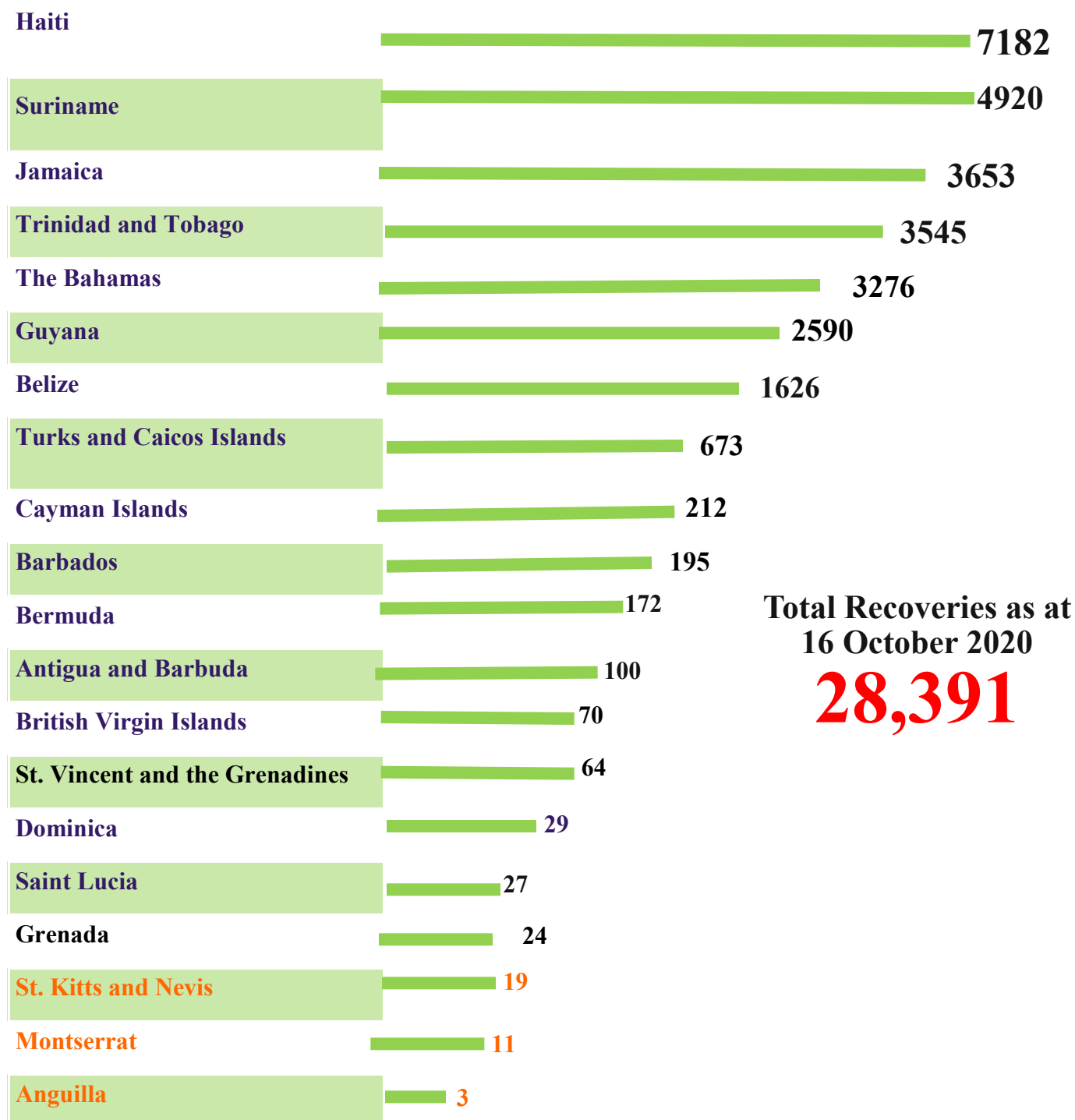


**CHART 4A: CARICOM—ALL COUNTRIES- CASE FATALITY RATES
26 MARCH - 16 OCTOBER**



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SUMMARY OF RECOVERED CASES AS AT 16 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 16 OCTOBER 2020

COUNTRY	CONFIRMED CASES	RECOVERIES	ACTIVE CASES	NO. OF TESTS	HOSPITALISATIONS
Haiti	8925	7182	1512	29912	
Suriname	5113	4920	84	17179	34
Jamaica	8195	3653	4265	87976	175
Trinidad and Tobago	5241	3545	1601	31343	98
The Bahamas	5628	3276	2199	26869	105
Guyana	3672	2590	975	16561	
Belize	2728	1626	1059	18698	
Turks and Caicos Islands	697	673	17	3788	0
Cayman Islands	233	212	20	43506	0
Barbados	219	195	17	29854	
Bermuda	185	172	4	75143	0
Antigua and Barbuda	113	100	10	3162	
British Virgin Islands	72	70	1	5461	
St Vincent and the Grenadines	67	64	3	5793	
Dominica	33	29	4	3955	
Saint Lucia	33	27	6	9027	
Grenada	27	24	3	1125	
St Kitts and Nevis	19	19	0	2828	
Montserrat	13	11	0	383	0
Anguilla	3	3	0	662	0
Total	41,216	28,391	11,780	413,225	

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

All active cases in **Anguilla, Montserrat and St Kitts and Nevis** have recovered up to the end of the reporting period **16 October**.

The following countries **had no active cases** in past reporting periods and now have active cases: **British Virgin Islands (1), St Vincent and the Grenadines (3), Grenada (3), Bermuda (4), Dominica (4), Saint Lucia (6), Antigua and Barbuda (10), Barbados (17), Turks and Caicos Islands (17), Cayman Islands (20), Suriname (84), Belize (1059) and Trinidad and Tobago (1601).**

Guyana has 975 active cases, The Bahamas has 2199 active cases, Haiti, 1512 and Jamaica, 4265 .

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

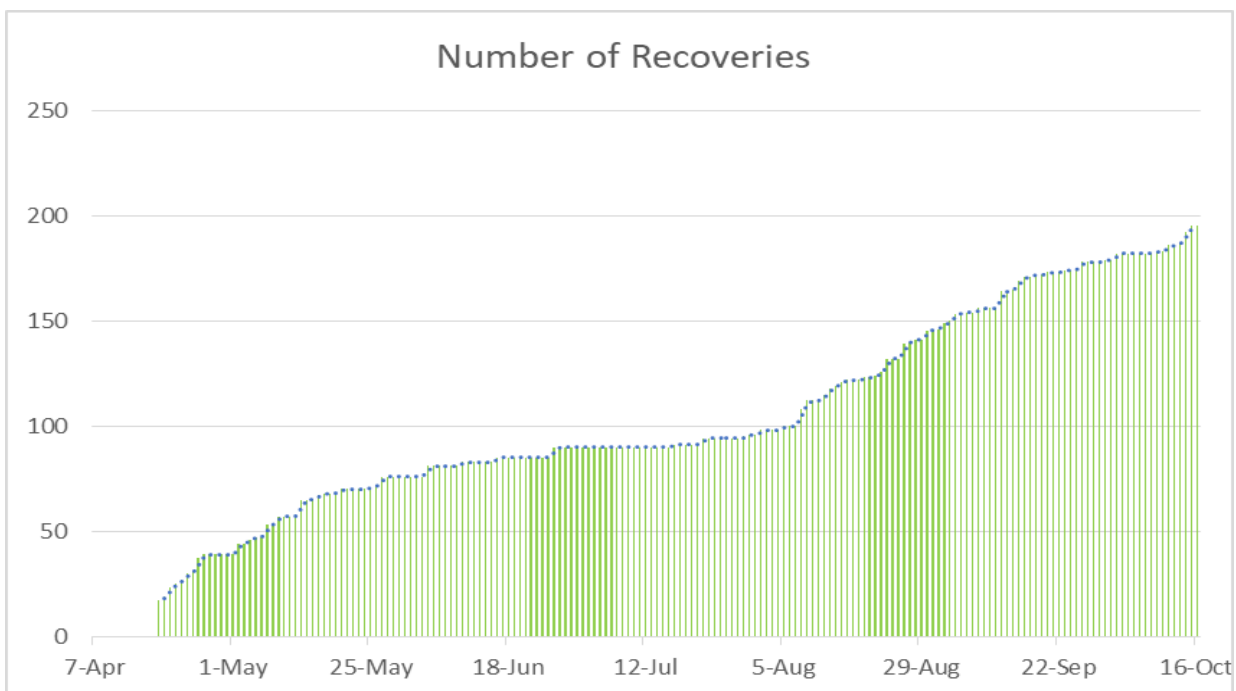
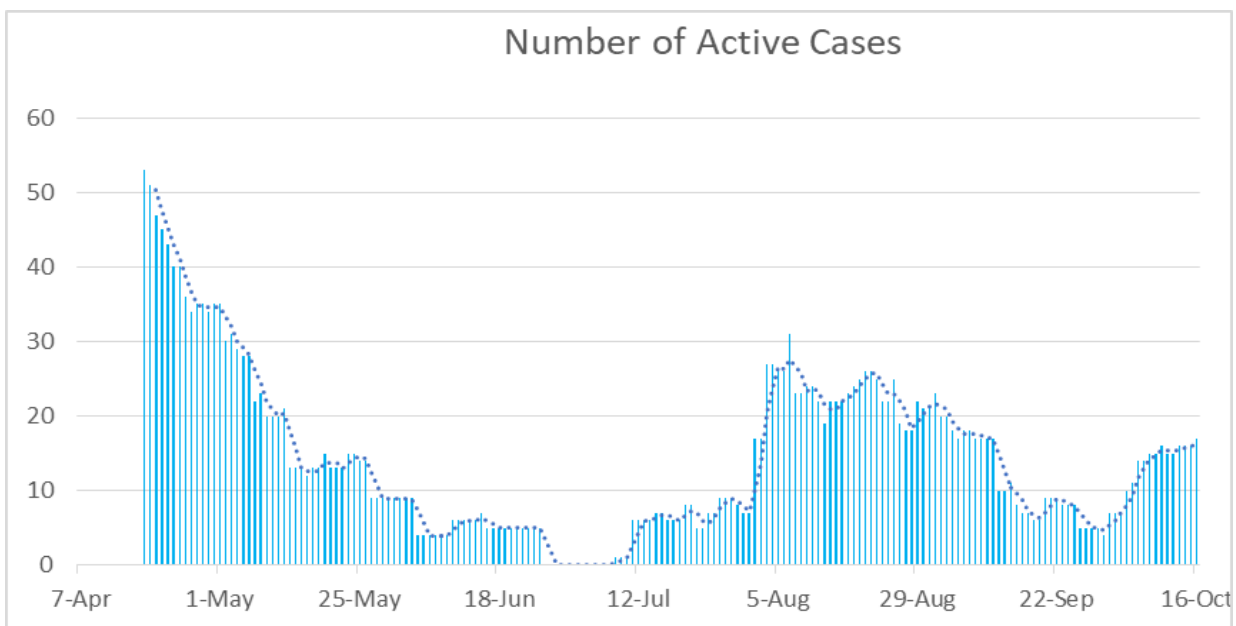
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Table 5: NUMBER OF TESTS AND RATE PER 100,000 POPULATION – AS AT 16 OCTOBER 2020

COUNTRY	NO. OF TESTS	NO. OF TESTS PER 100,000
Anguilla	662	4413.3
Antigua and Barbuda	3162	3327.9
Bahamas	26,869	7046.3
Barbados	29,854	<u>10,870.5</u>
Belize	18,698	4697.4
Bermuda	75143	<u>117,460.5</u>
British Virgin Islands	5461	18,733.5
Cayman Islands	43,506	66,105.5
Dominica	3955	5493.1
Grenada	1125	<u>1009.3</u>
Guyana	16,561	2235.0
Haiti	29,912	262.1
Jamaica	87,976	3225.5
Montserrat	383	7660.0
Saint Lucia	9027	5043.0
St Kitts and Nevis	2828	5335.8
St Vincent and the Grenadines	5793	5218.9
Suriname	17,179	<u>2946.7</u>
Trinidad and Tobago	31,343	2306.0
Turks and Caicos Islands	3788	9171.9

Note: The top five countries based on the number of tests per 100,000 population are: **Bermuda, (117,460.5), Cayman Islands (66105.5), British Virgin Islands (18,733.5), Barbados (10,870.5) and Turks and Caicos Islands (9171.9)** 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 - 16 OCTOBER 2020****CHART 5A: NUMBER OF ACTIVE CASES - BARBADOS****18 APRIL - 16 OCTOBER 2020**

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CHART 5B: NUMBER OF RECOVERIES - JAMAICA
18 APRIL– 16 OCTOBER 2020

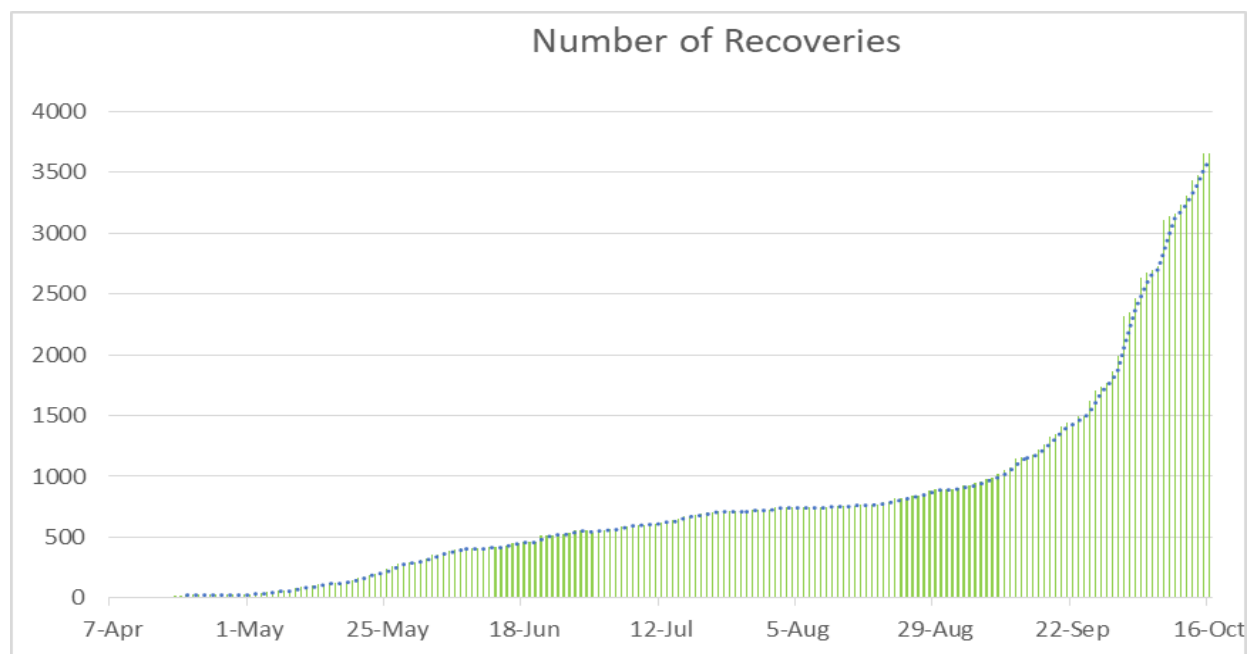
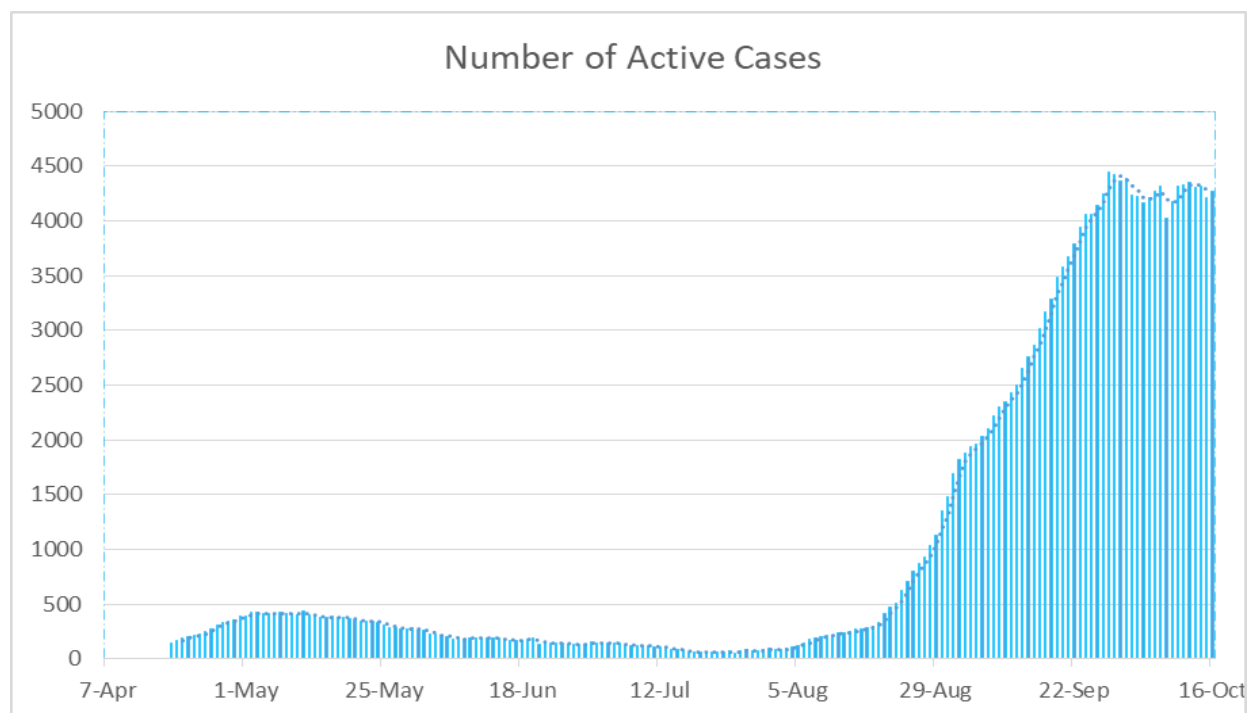


CHART 5C: NUMBER OF ACTIVE CASES - JAMAICA
18 APRIL - 16 OCTOBER 2020



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CHART 5D: NUMBER OF RECOVERIES - TRINIDAD AND TOBAGO
18 APRIL - 16 OCTOBER 2020

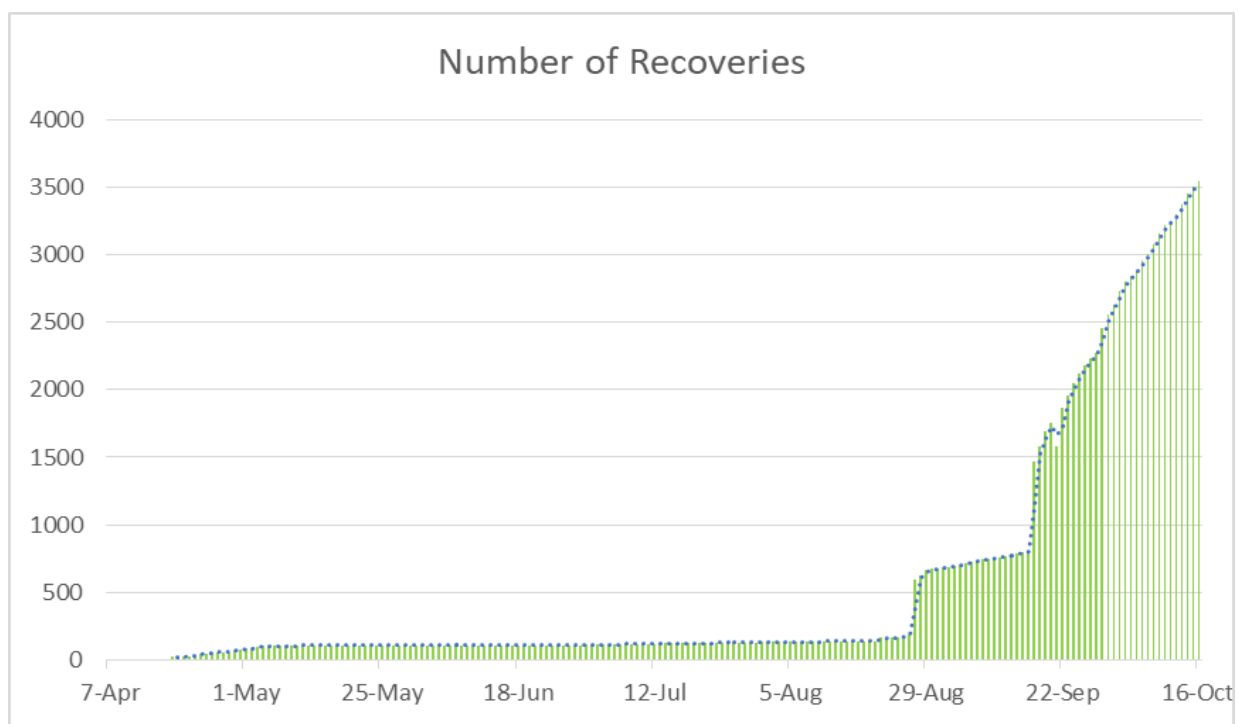
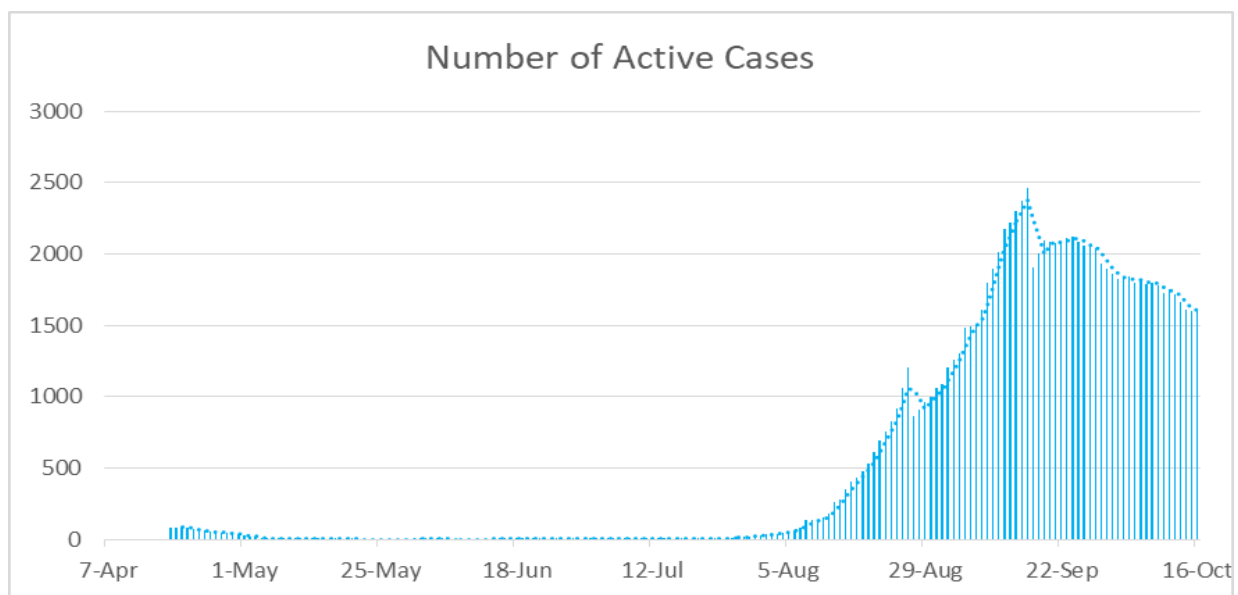


CHART 5E: NUMBER OF ACTIVE CASES- TRINIDAD AND TOBAGO
18 APRIL - 16 OCTOBER 2020



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CHART 5F: NUMBER OF RECOVERIES - BERMUDA
18 APRIL - 16 OCTOBER 2020

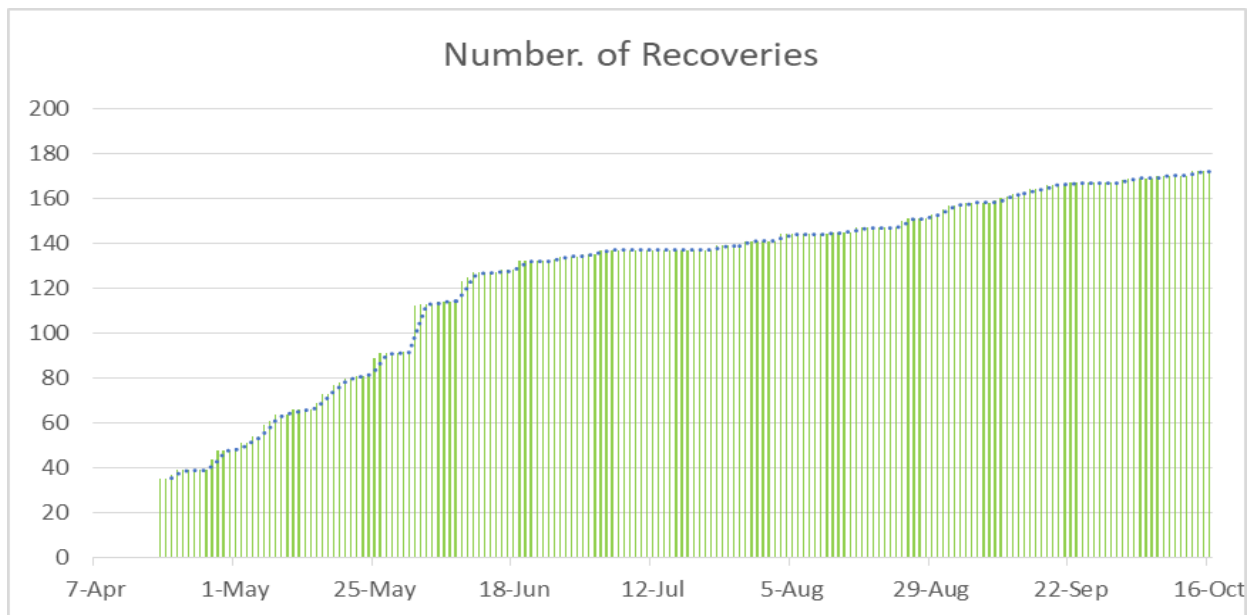
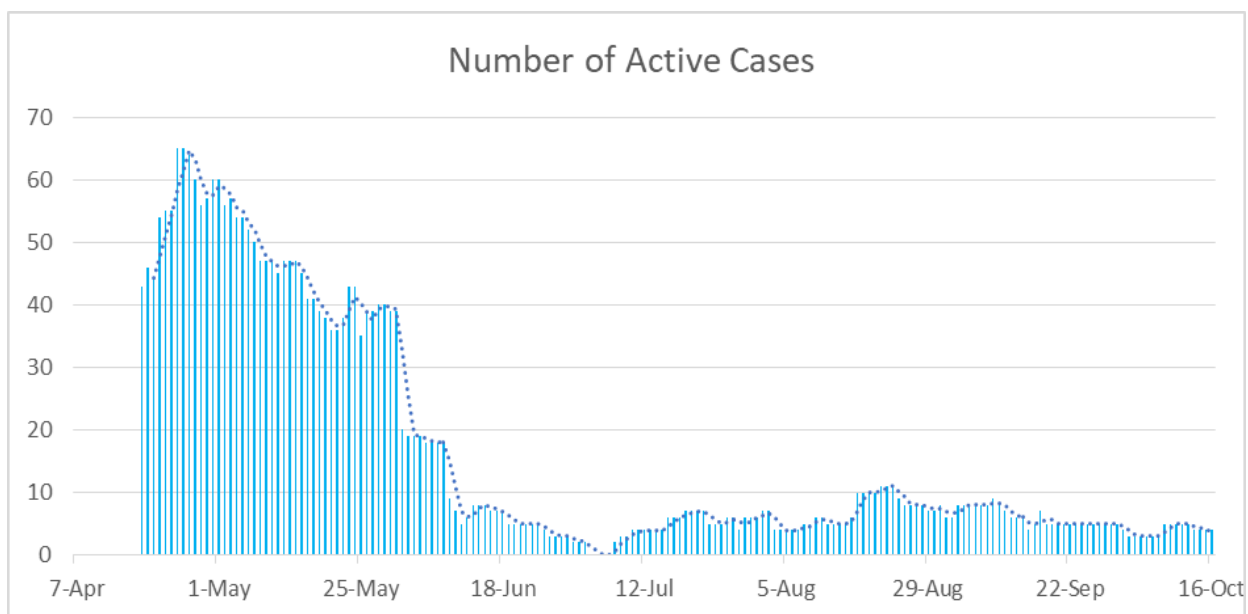






CHART 5G: NUMBER OF ACTIVE CASES - BERMUDA
18 APRIL - 16 OCTOBER 2020



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TABLE 6: APPROXIMATE MODE OF TRANSMISSION - SELECTED COUNTRIES AS AT 16 OCTOBER 2020

Country	Imported Transmission 	Local Transmission  Local	Community/Unknown 	Under Investigation 
Trinidad and Tobago ^e	114	185	1	194
Bermuda	74	90	21	0
Jamaica	490	1154	591	5960
St. Vincent and the Grenadines	60	7	-	-
Belize ^e	47	357	2	46
Antigua and Barbuda	71	42		
Haiti ^e	152	8773		

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 16 OCTOBER 2020



Country			Not Stated/ Remarks
Haiti	5069	3856	
Jamaica	3683	4494	18
Guyana	1948	1724	
Belize	1472	1256	
Trinidad and Tobago ^e	2814	2427	
Cayman Islands	119	114	
Barbados	102	117	
Bermuda ^e	85	100	
British Virgin Islands	37	35	

CHART 6: ANTIGUA AND BARBUDA

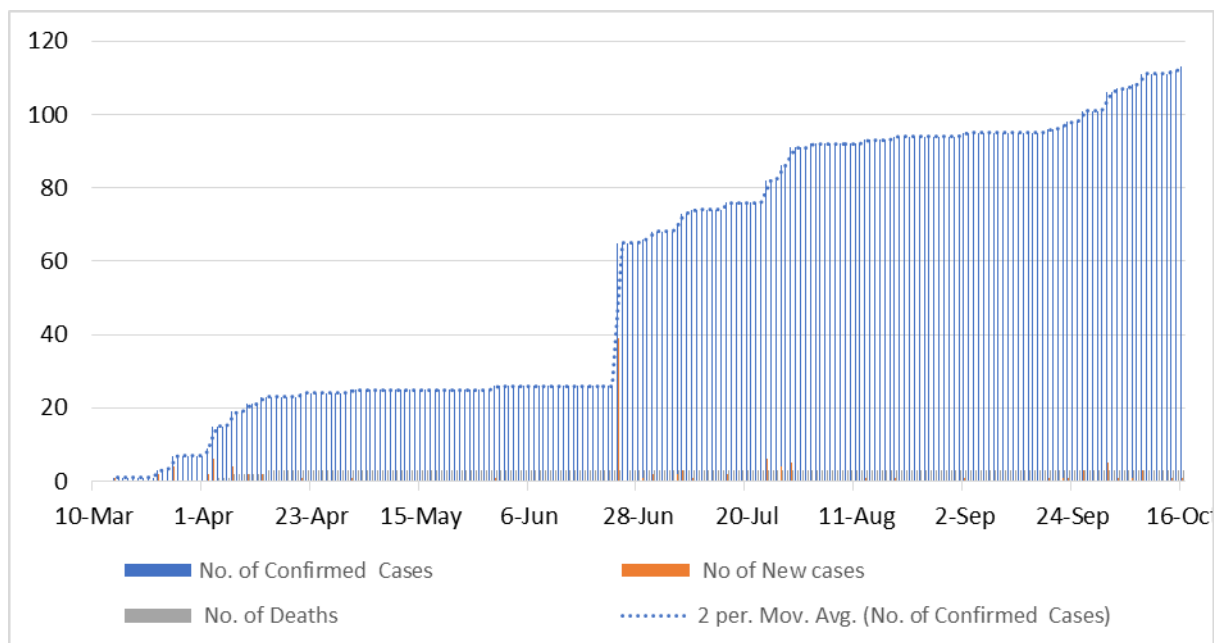
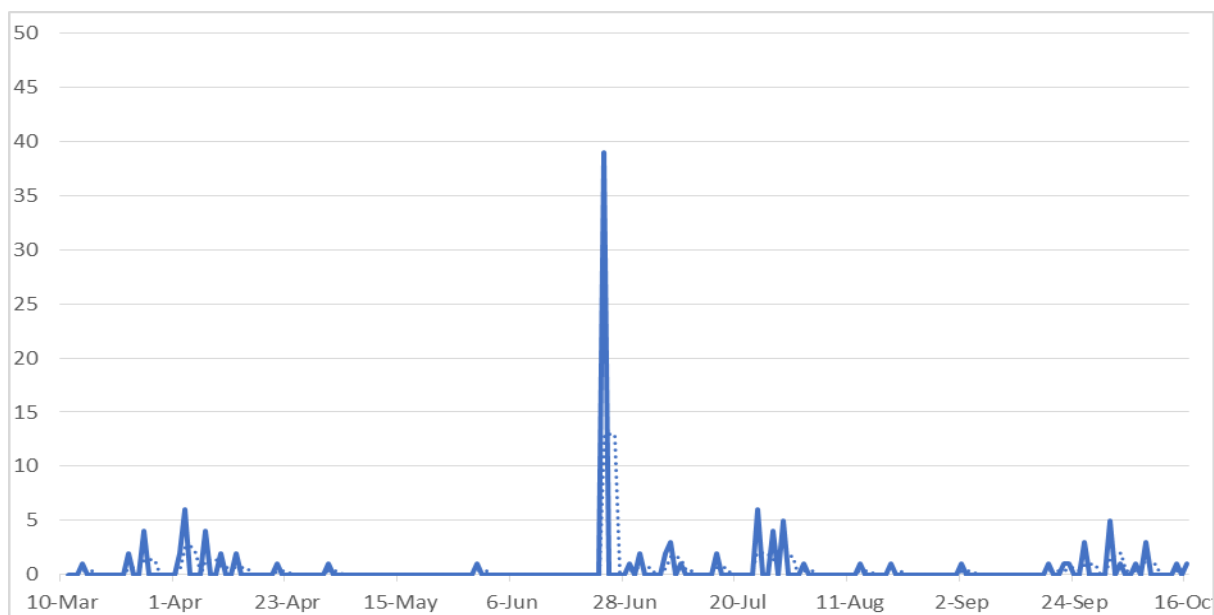
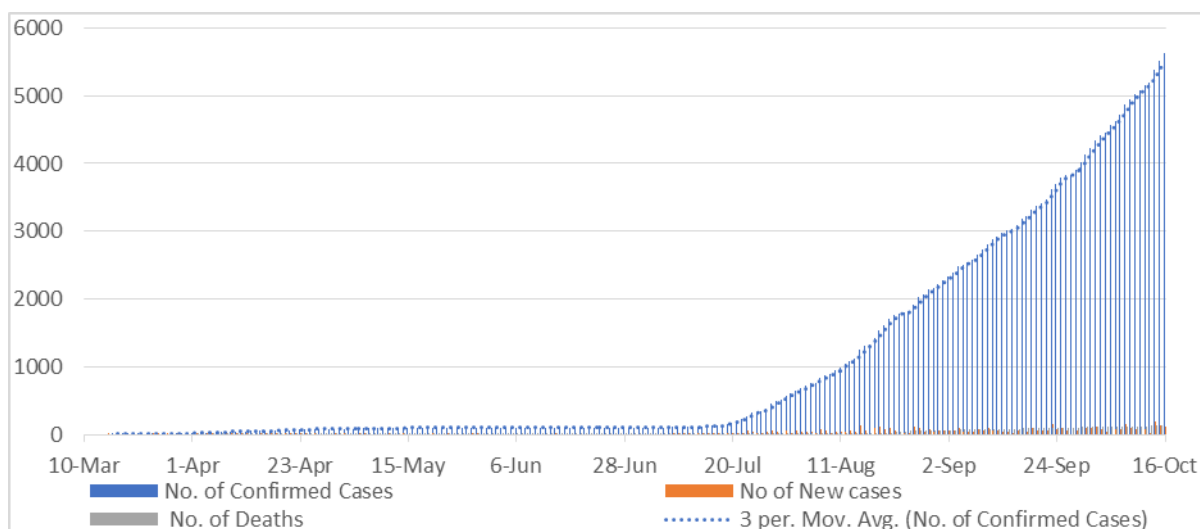
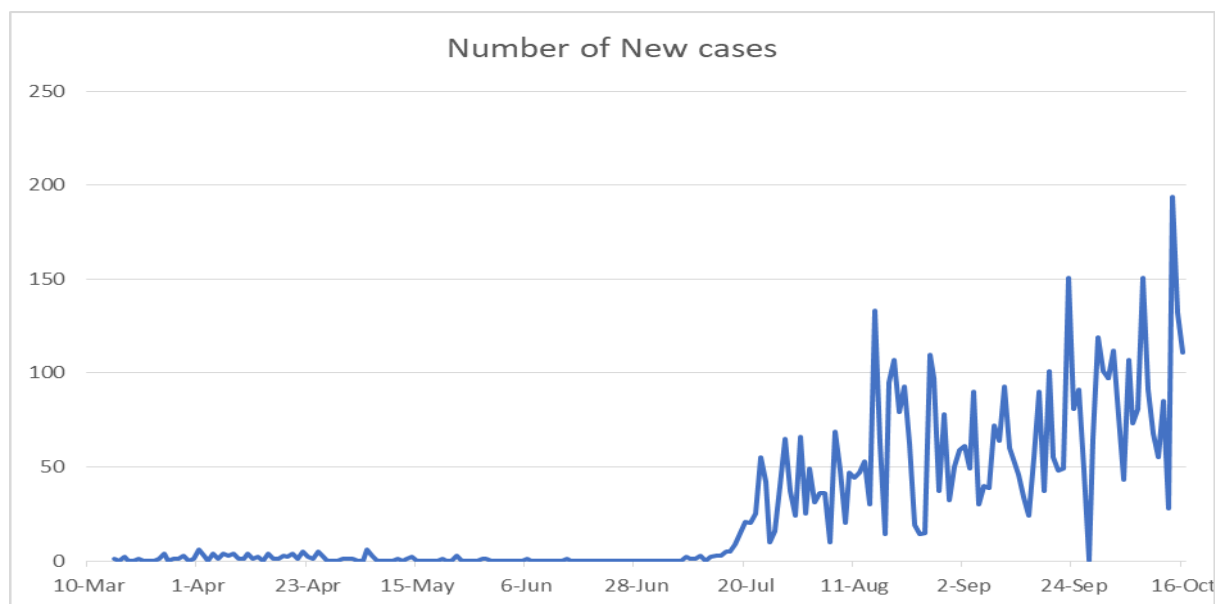


CHART 6A: ANTIGUA AND BARBUDA



Note: Antigua and Barbuda had **2 new cases** during the current reporting period, **10-16 October**, as compared to **5 new cases** during the last reporting period **3-9 October**. The total number of cases stood at **113** as at **5 October**, with **10 active cases**.

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

Note: The Bahamas had **673 new cases** during the current reporting period, **10-16 October** as compared to **623 new cases** during **3-9 October**. The number of confirmed cases increased to **5628** as at **16 October** with active cases at **2199**. The substantial increase in the number of new cases for The Bahamas from early July is evident in **Chart 7A**.

As at **16 October**, there are **130 (+10) deaths** of COVID-19 patients, **including 14 deaths** that are under investigation and **excluding 23 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 **153 (+17)**.

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CHART 8: BARBADOS

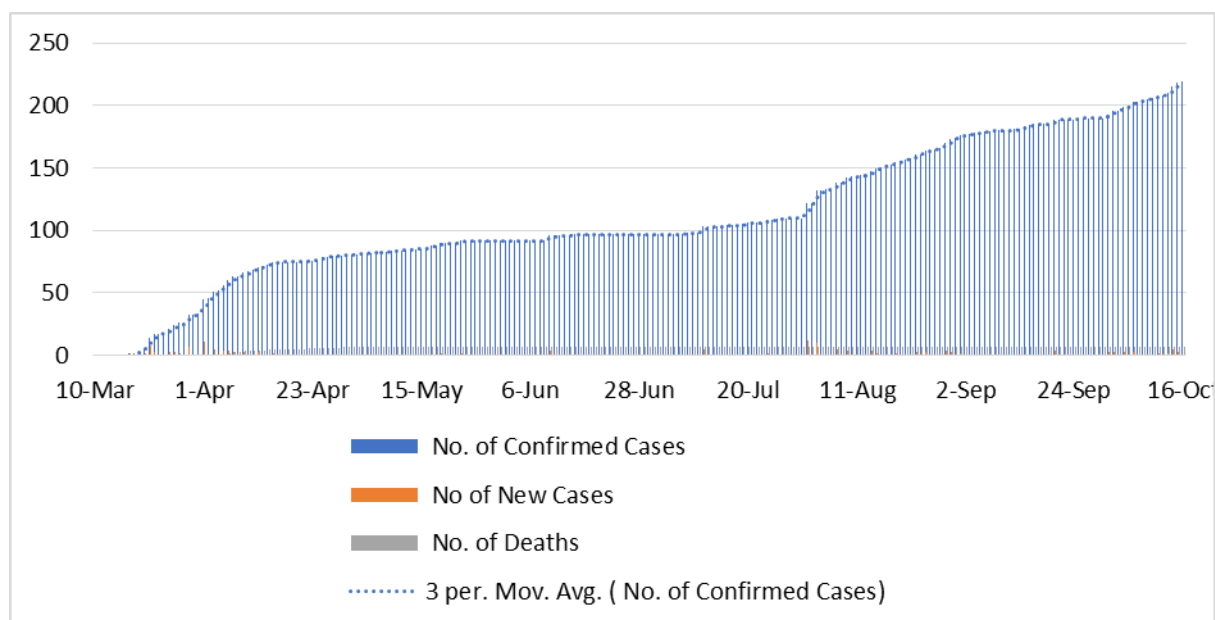
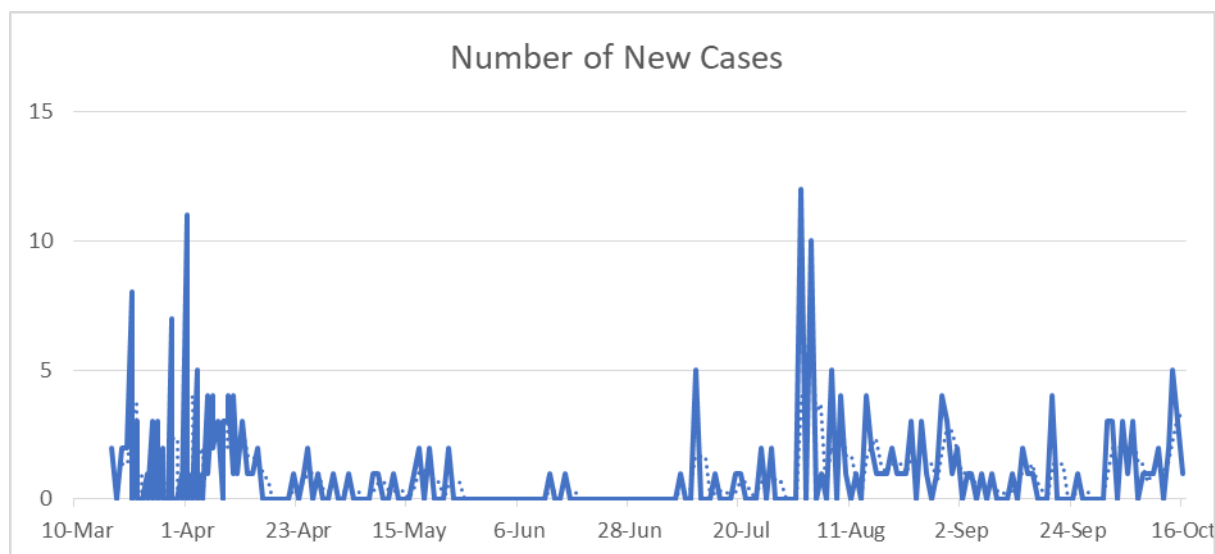


CHART 8A: BARBADOS



Note: Barbados had **14 new cases** during the current reporting period, **10-16 October** as compared to **9 new cases** during the last reporting period, **3-9 October**. The number of confirmed cases stood at **219** as at **16 October** with **17 active cases**.

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CHART 9: BELIZE

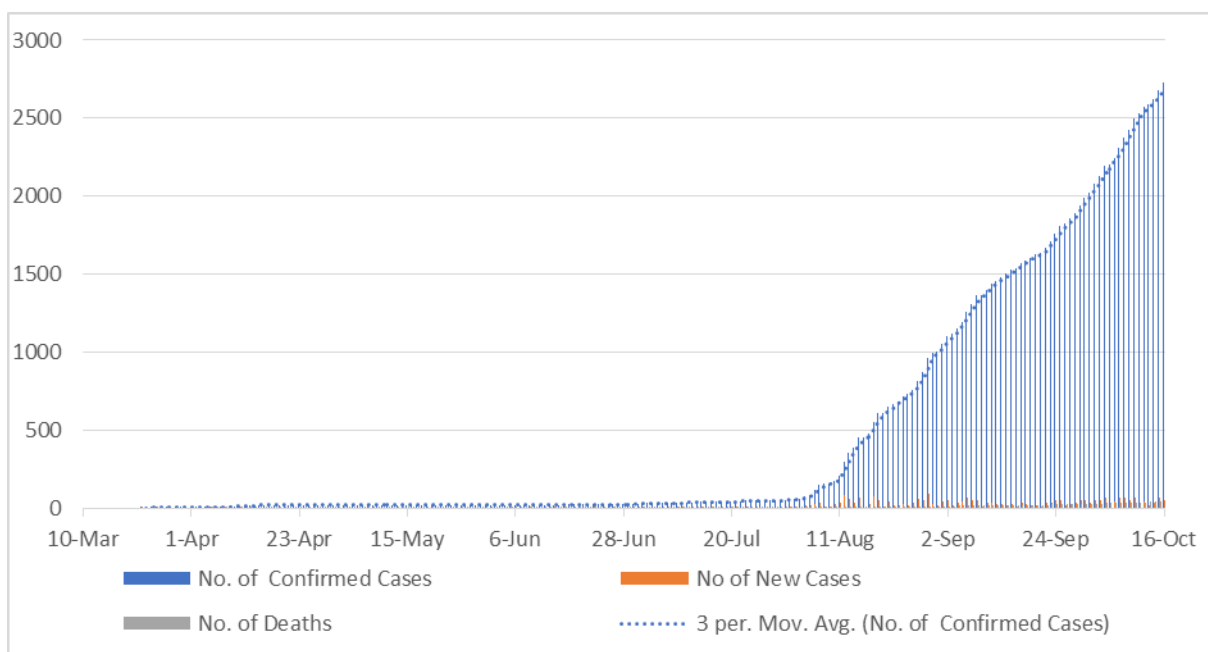
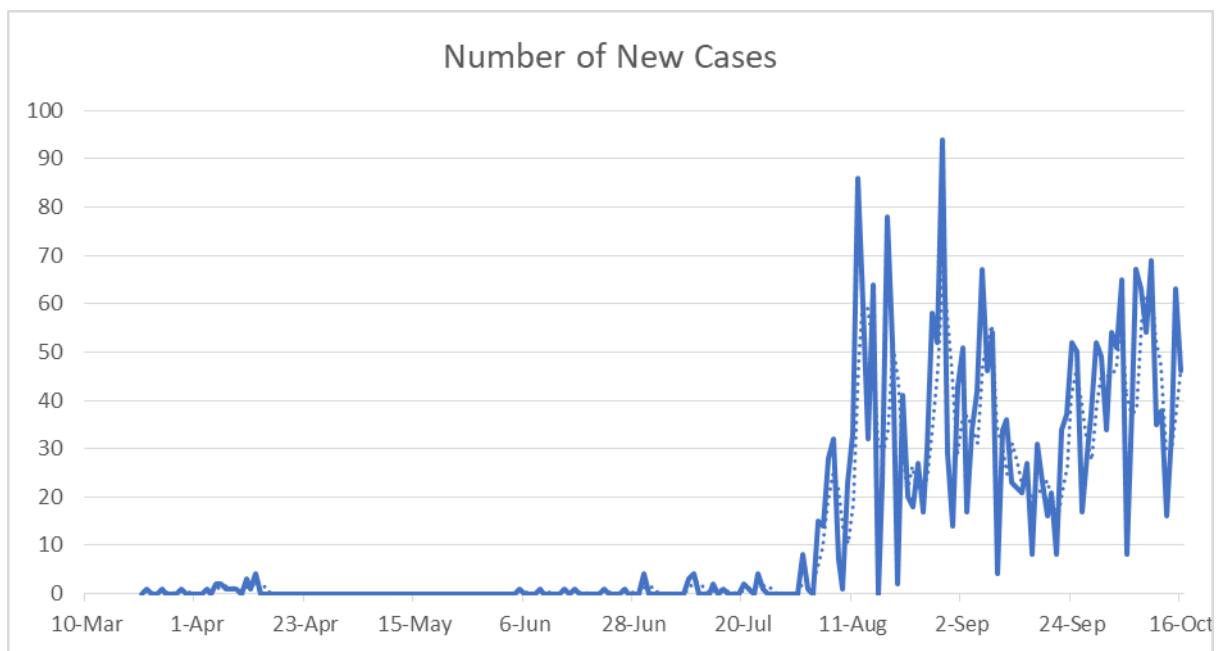


CHART 9A: BELIZE



Note: Belize had **301 new cases** during the current reporting period, **3-9 October** as compared to **347 new cases** during **3-9 October**. The number of confirmed cases increased to **2728** as at **16 October** with **1059 active cases** and **43 deaths (+8)**. The increase in the number of new cases is evident in **Chart 9A**.

CHART 10: DOMINICA

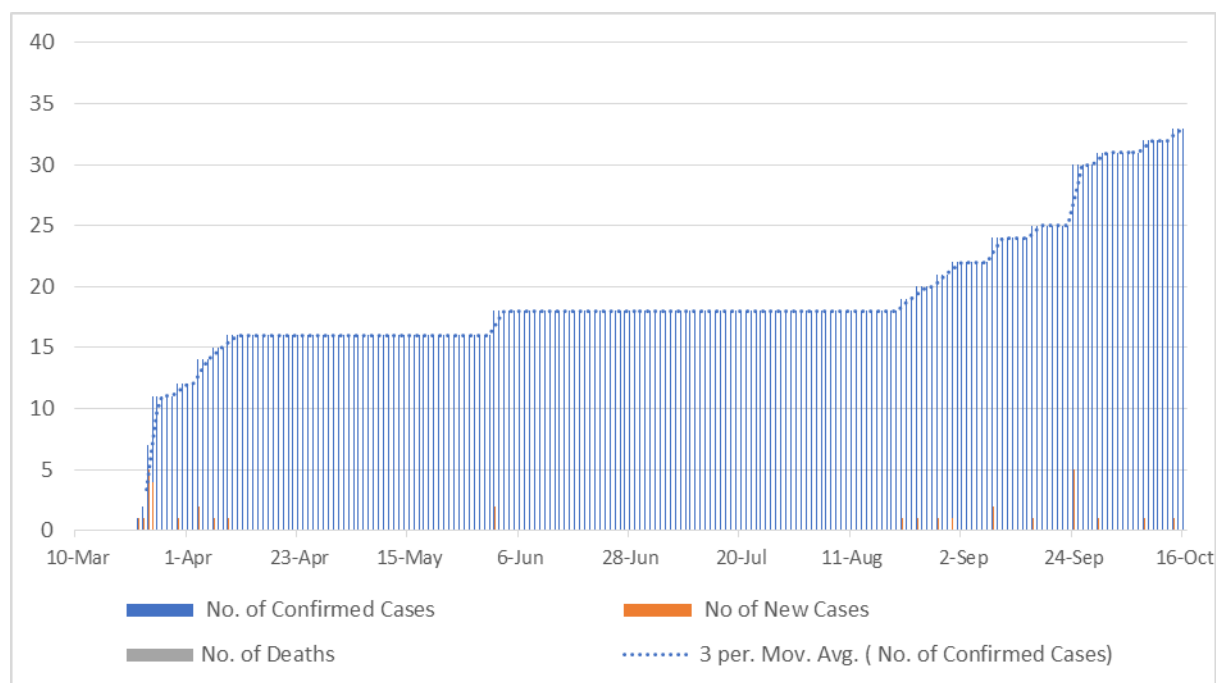
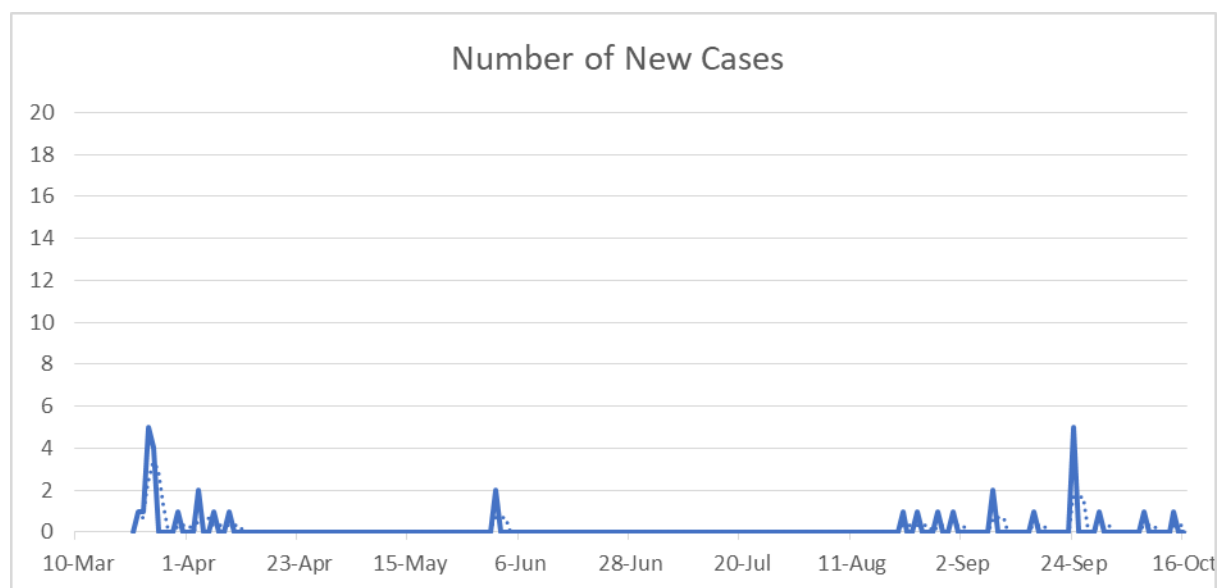
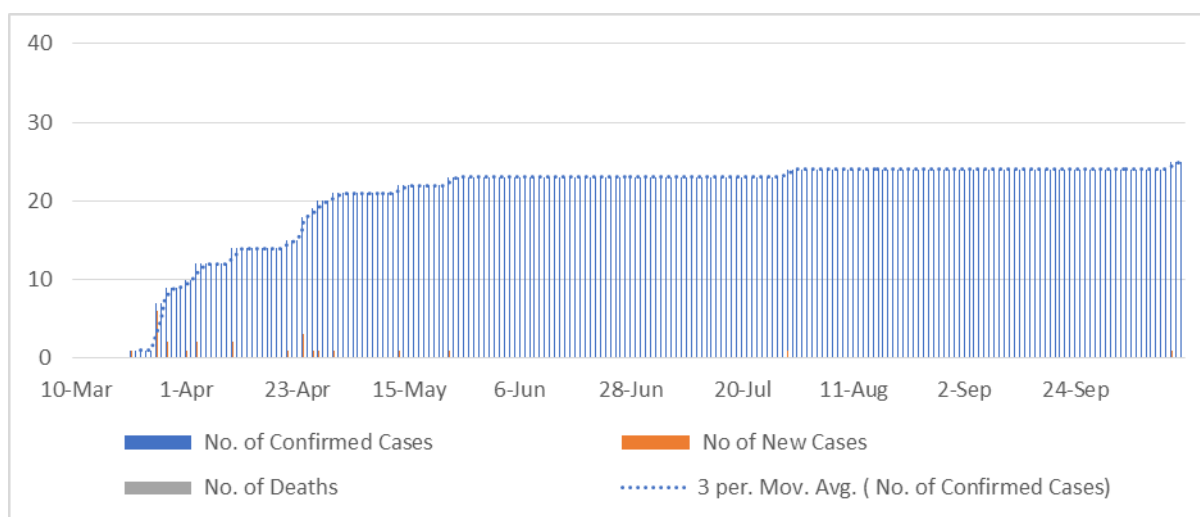
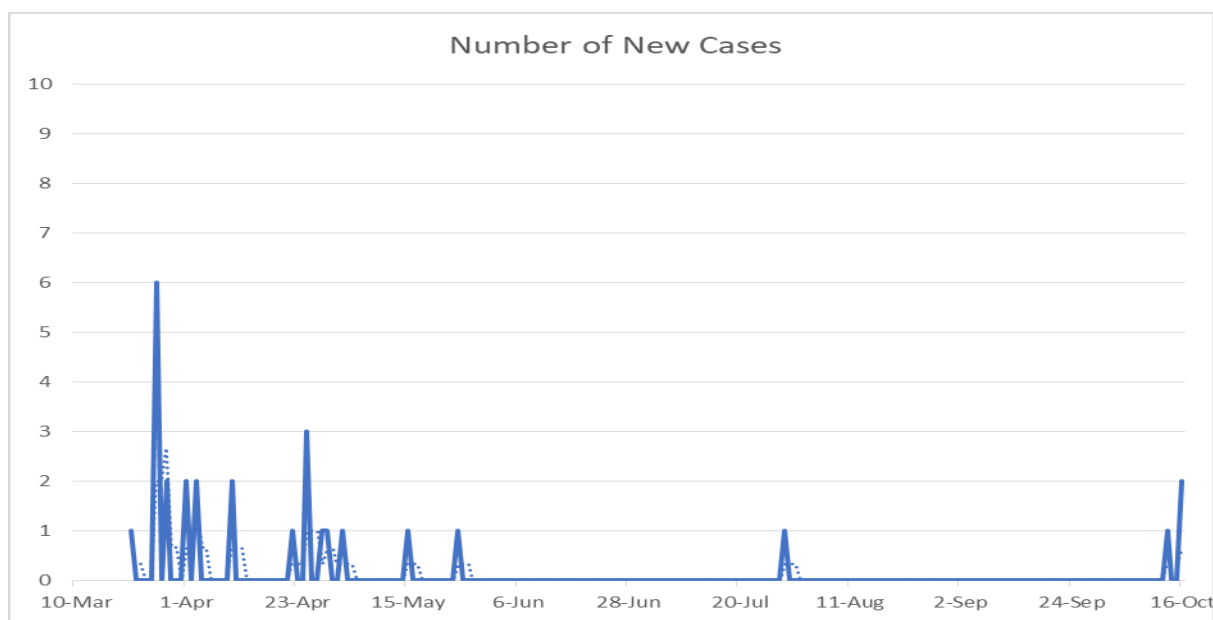


CHART 10A: DOMINICA



Note: Dominica had **1 new case** during the current reporting period, **10-16 October** similar to the last reporting period **3-9 October**. The number of confirmed cases stood at **33** as at **16 October** with **4 active cases**.

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

Note: Grenada had **3 new cases** during **10-16 October** after approximately 10 weeks without a new case. The previous new confirmed case for Grenada was on **29 July**. The number of confirmed cases stood at **27** with **3 active cases**, as at **16 October**.

CHART 12: GUYANA

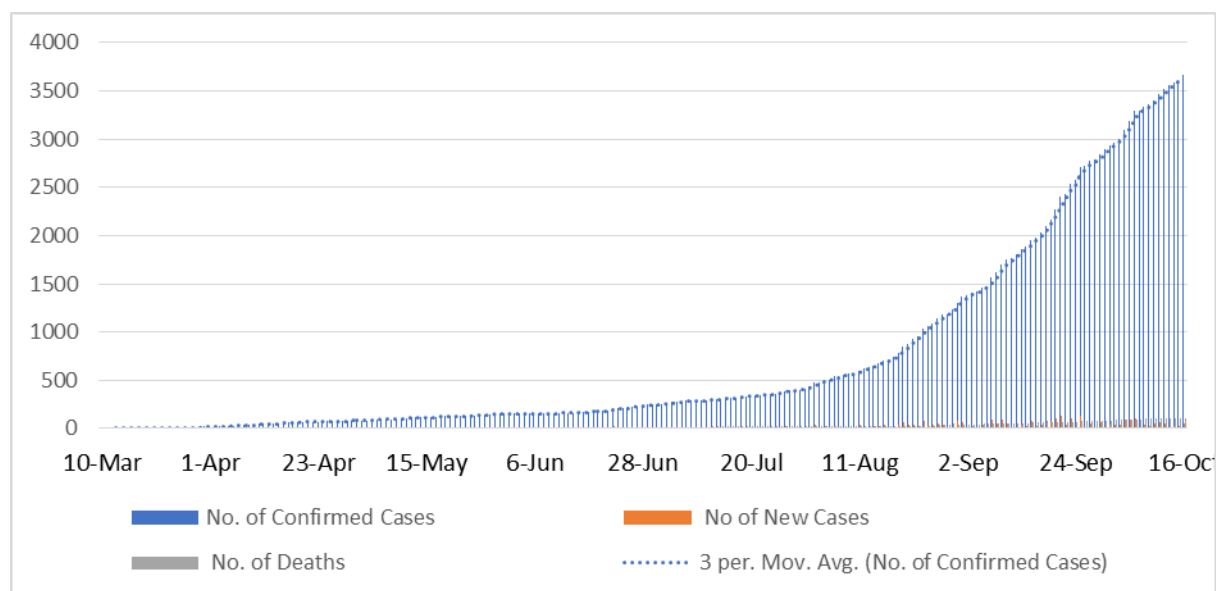
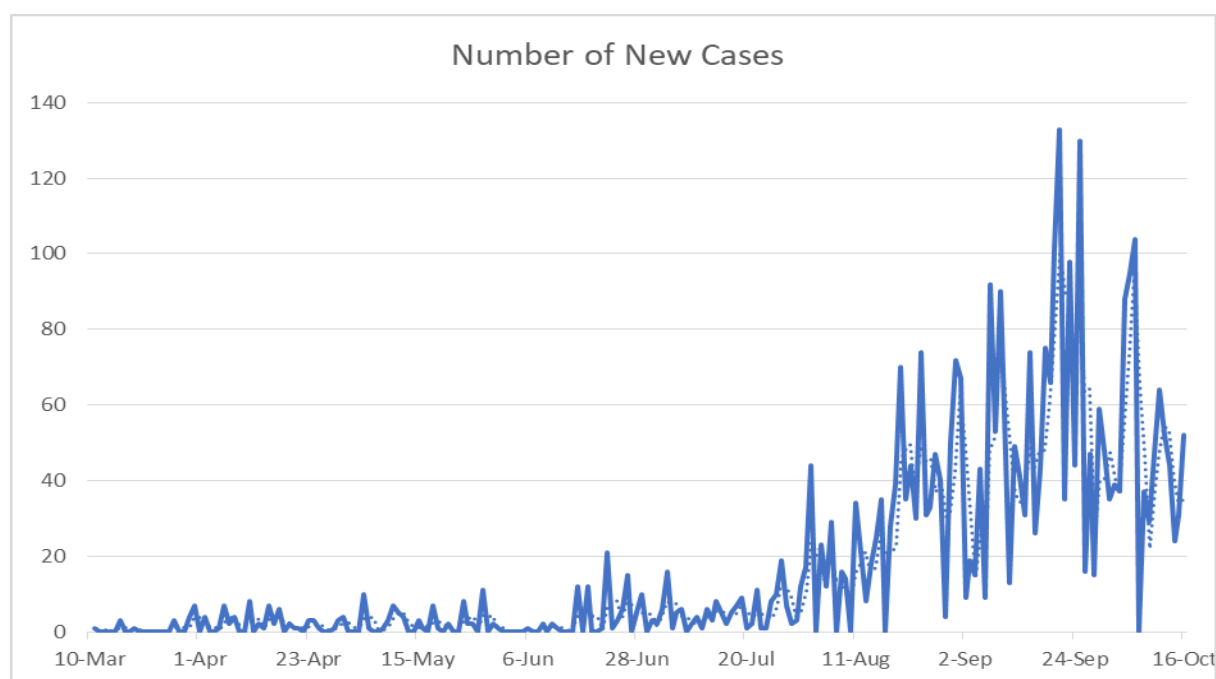


CHART 12A: GUYANA



Note: In Guyana, there were **314 new cases** during the current reporting period **10-16 October**, as compared to **390 new cases** during **3-9 October**. The number of confirmed cases for Guyana is **3672** with **975 active cases** and **107 deaths (+7)**. The increase in the number of new cases is evident in Chart 12A.

CHART 13: HAITI

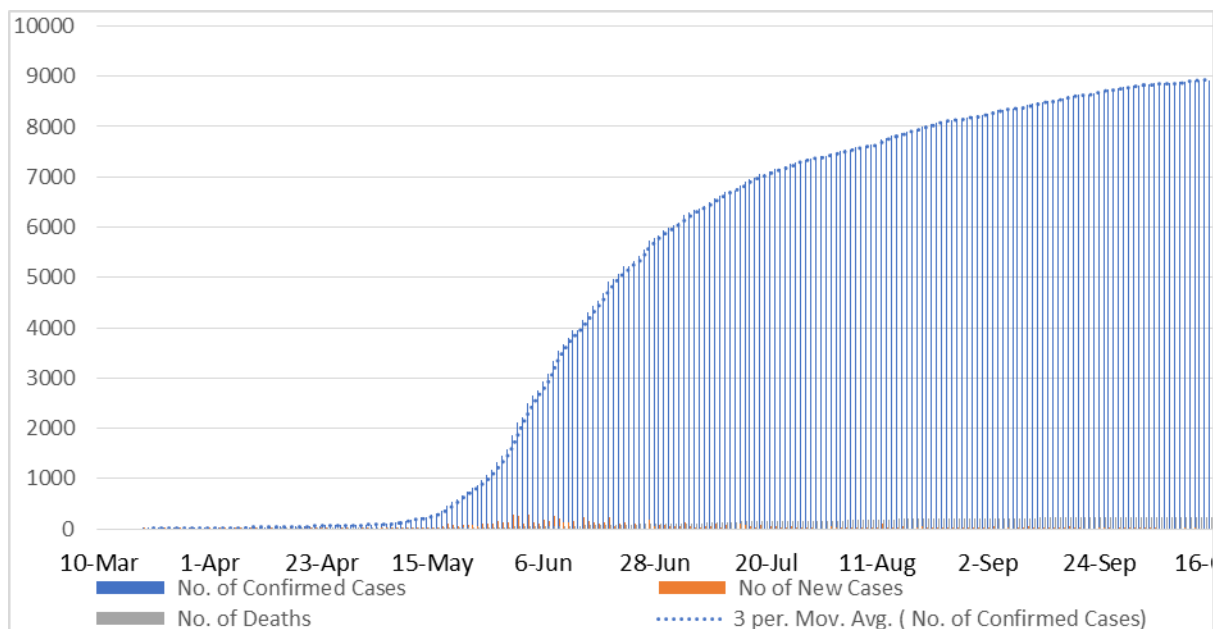
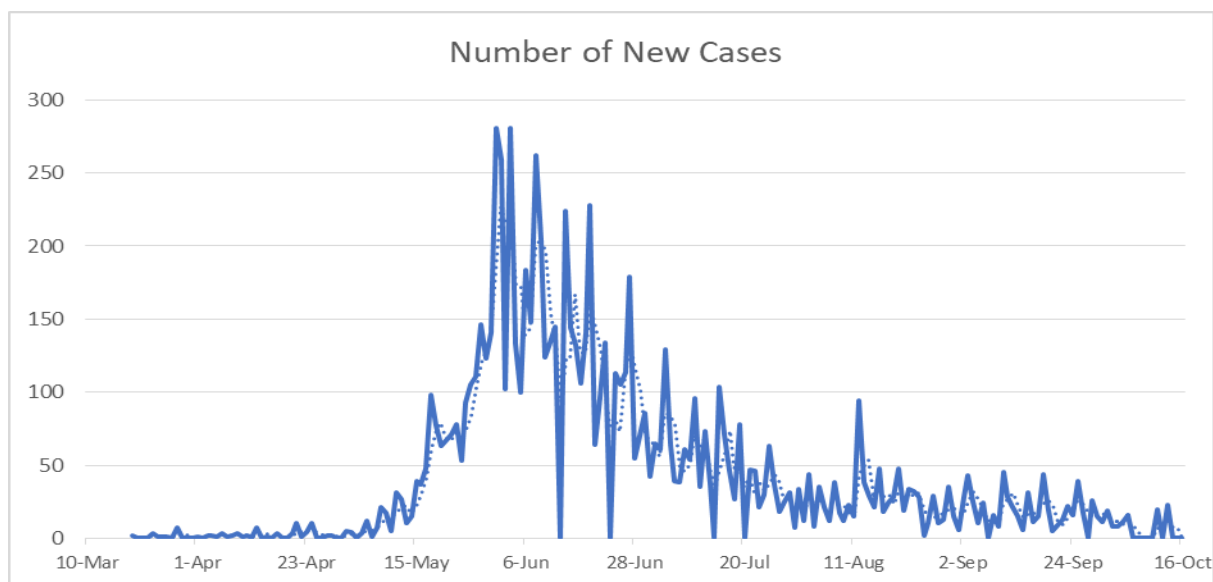


CHART 13A: HAITI



Note: Haiti had **43 new cases** during the current reporting period **10-16 October**, as compared to **35 new cases** during **3-9 October**. The total number of confirmed cases stood at **8925** as at **16 October** with **active cases** at **1512**. The number of deaths increased by **1** and is **231**. The general declining trend for Haiti in the number of new cases is evident in **Chart 13A**. However there is a three-day lag in the data for Haiti.

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CHART 14: JAMAICA

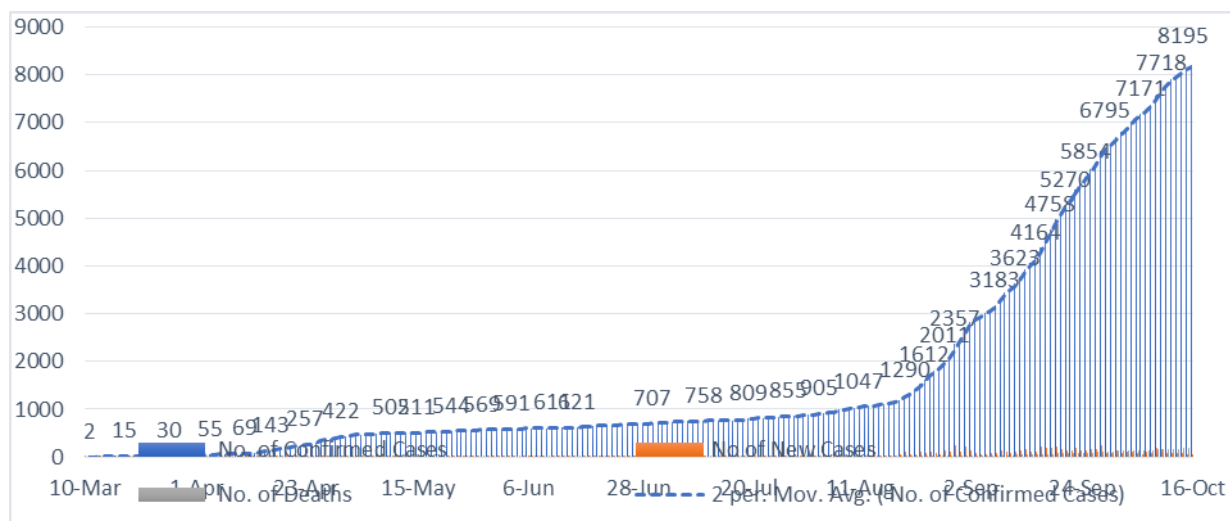
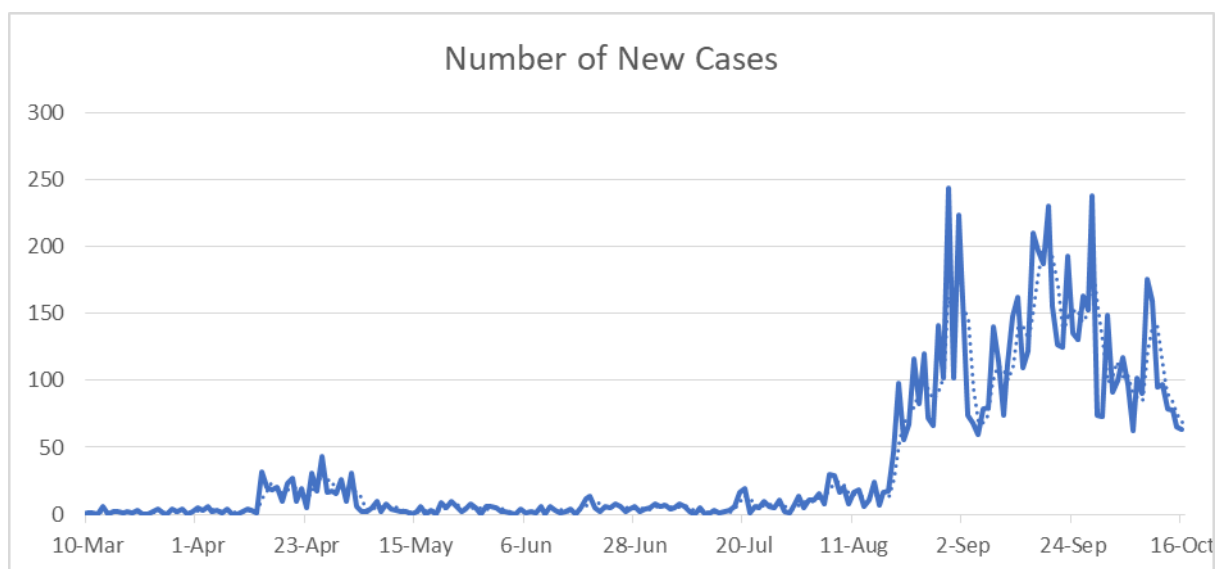


CHART 14A: JAMAICA



Note: Jamaica had **636 new cases**, during the current reporting period **3-9 October** as compared to **744 new cases** during **3-9 October**. The total number of confirmed cases stood at **8195** with **4265 active cases** and **191 deaths (+37)**. Included in the 191 deaths are **23 deaths** that are under investigation and excluded are **11 deaths** that are due to non-COVID-19 causes. The overall number of deaths of COVID-19 positive persons in Jamaica is **202 deaths (+38)**. The increasing trend in the number of new cases is evident in Chart 14A.

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CHART 15: MONTSERRAT

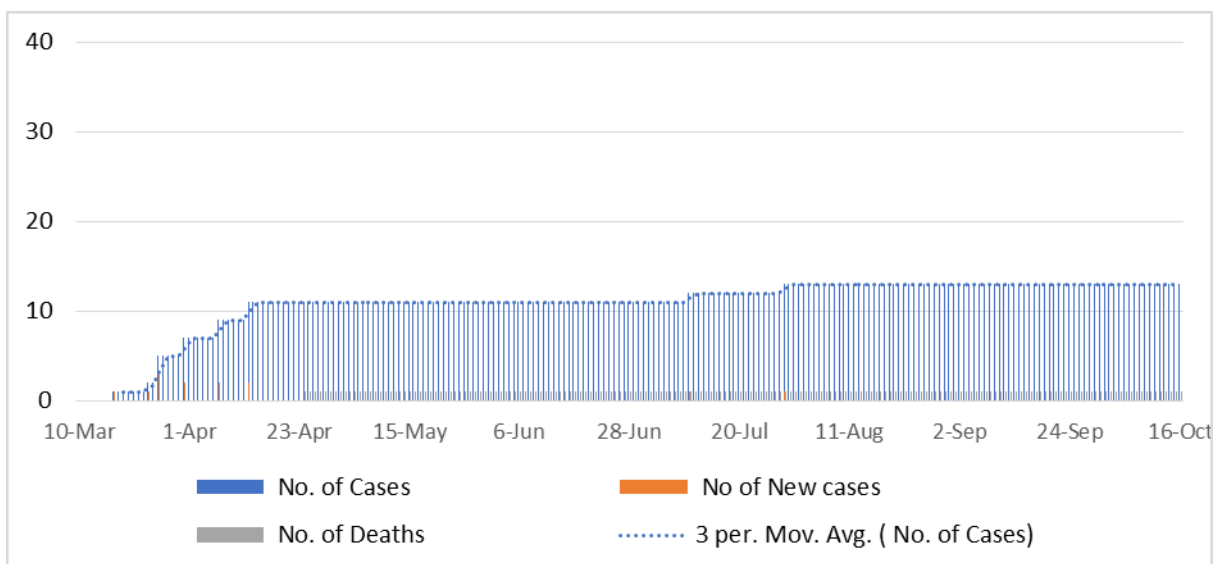
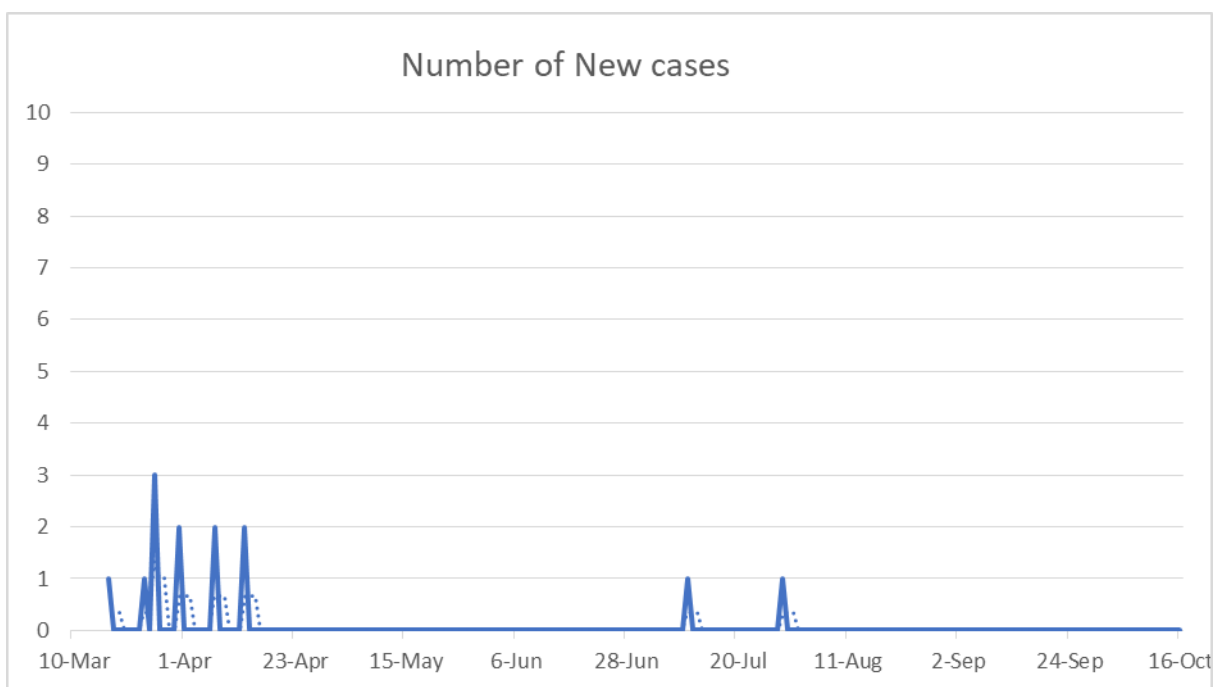


CHART 15A: MONTSERRAT



Note: There were **no new cases** in Montserrat during the current reporting period **10-16 October**, similar to the past 10 reporting periods. The number of confirmed cases stood at **13** with **no active cases**.

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CHART 16: SAINT LUCIA

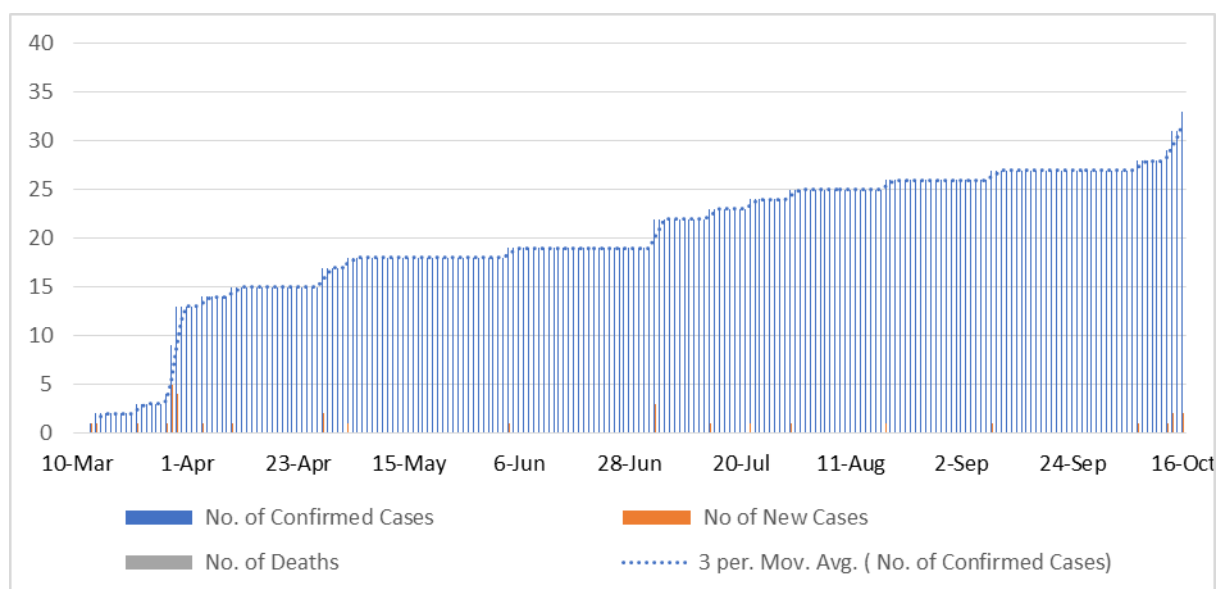
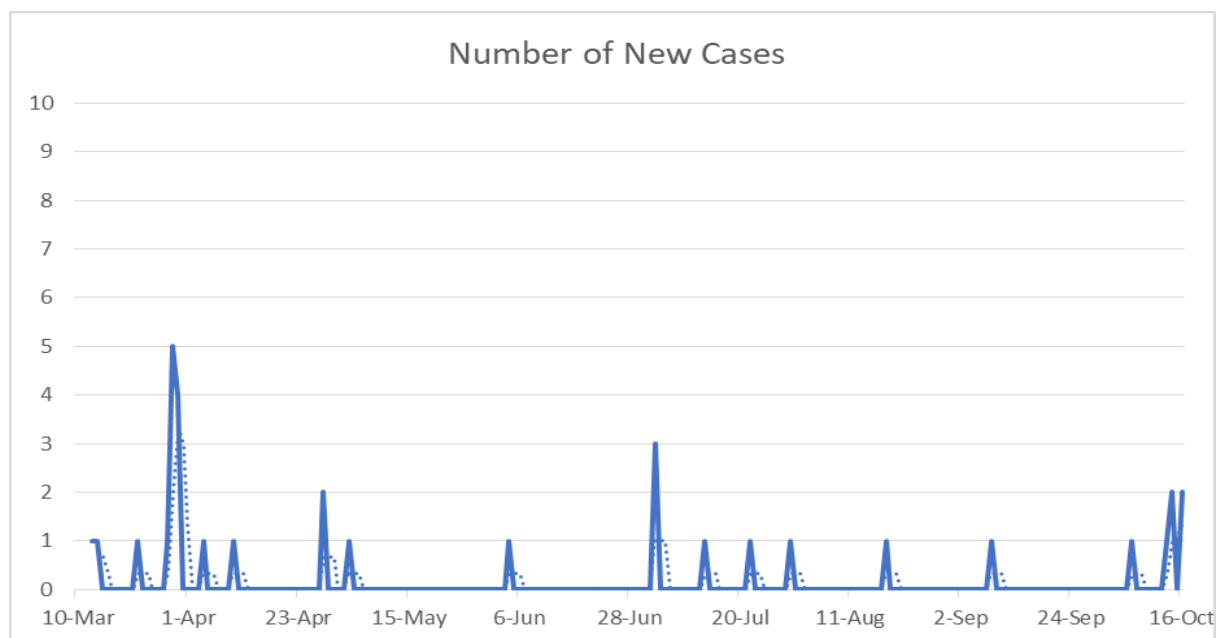


CHART 16A: SAINT LUCIA



Note: There were **5 new cases** in Saint Lucia during the current reporting period **10-16 October** as compared to **one new case** during **3-9 October**. The number of confirmed cases stood at **33** with **6 active cases**.

CHART 17: ST. KITTS AND NEVIS

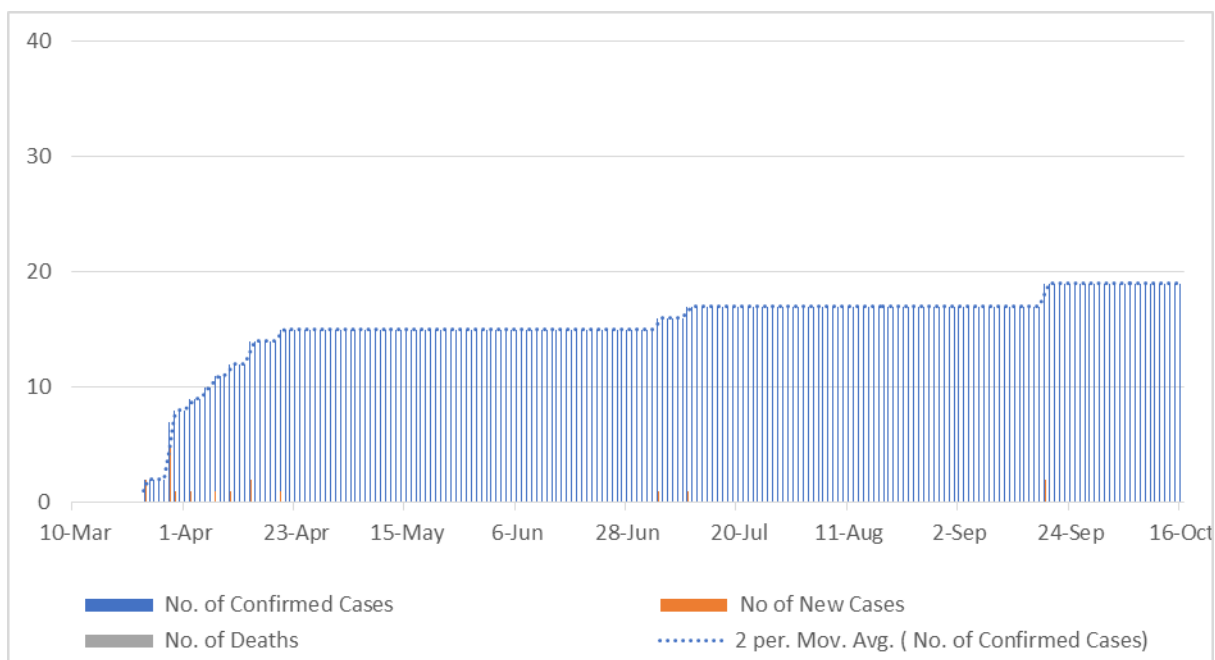
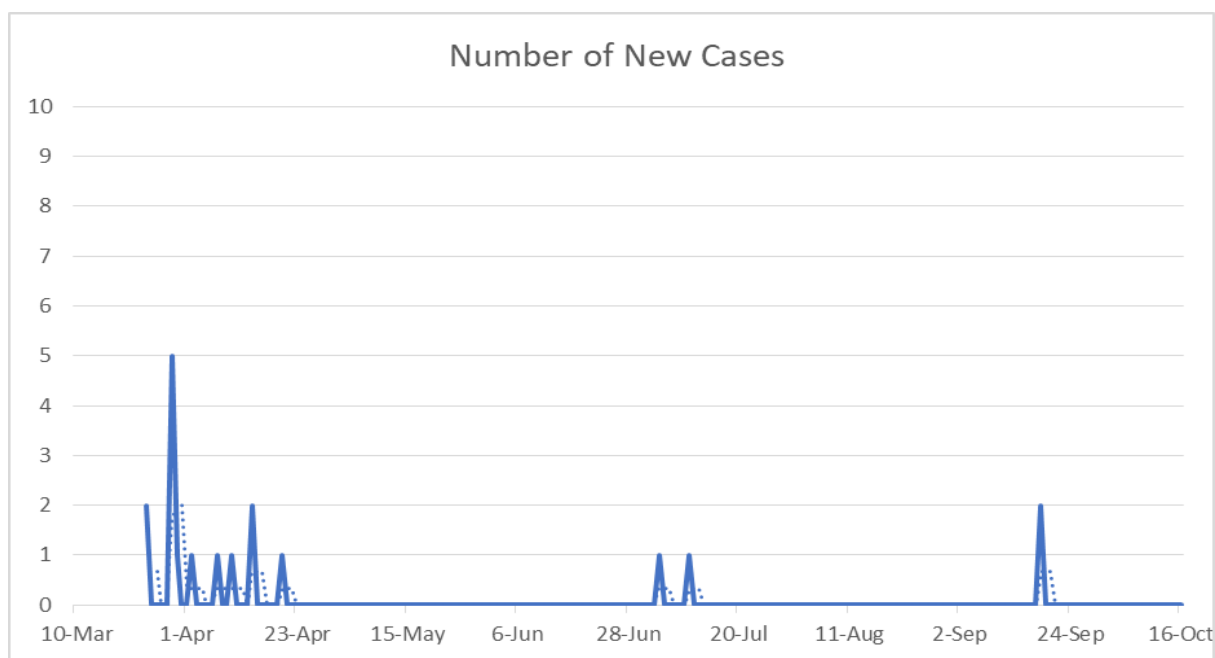
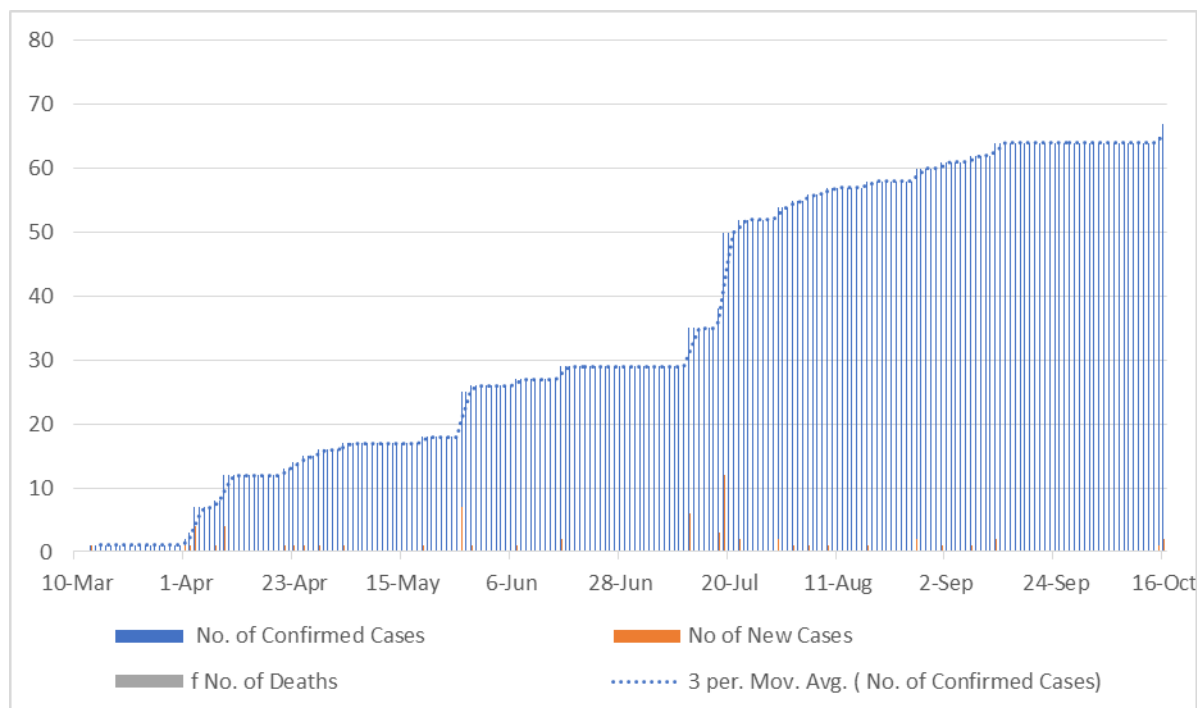
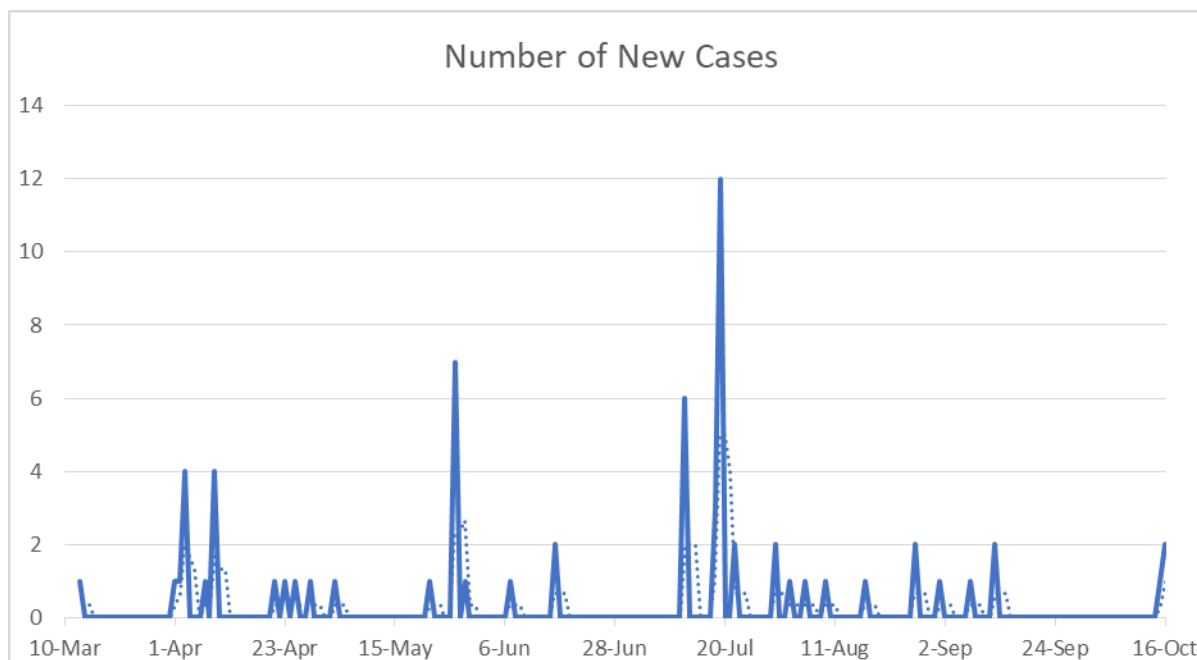


CHART 17A: ST. KITTS AND NEVIS



Note: There were **no new cases** in St Kitts and Nevis during the current reporting period **10-16 October**, similar to the last four reporting periods. The number of confirmed cases stood at **19** with **no active cases**.

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

Note: There were **3 new cases** in St Vincent and the Grenadines for the current reporting period **10-16 October**, as compared to **no new cases** during **3-9 October**. The number of confirmed cases in St Vincent and the Grenadines as at **16 October** is 67 with **3 active cases**.

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CHART 19: SURINAME

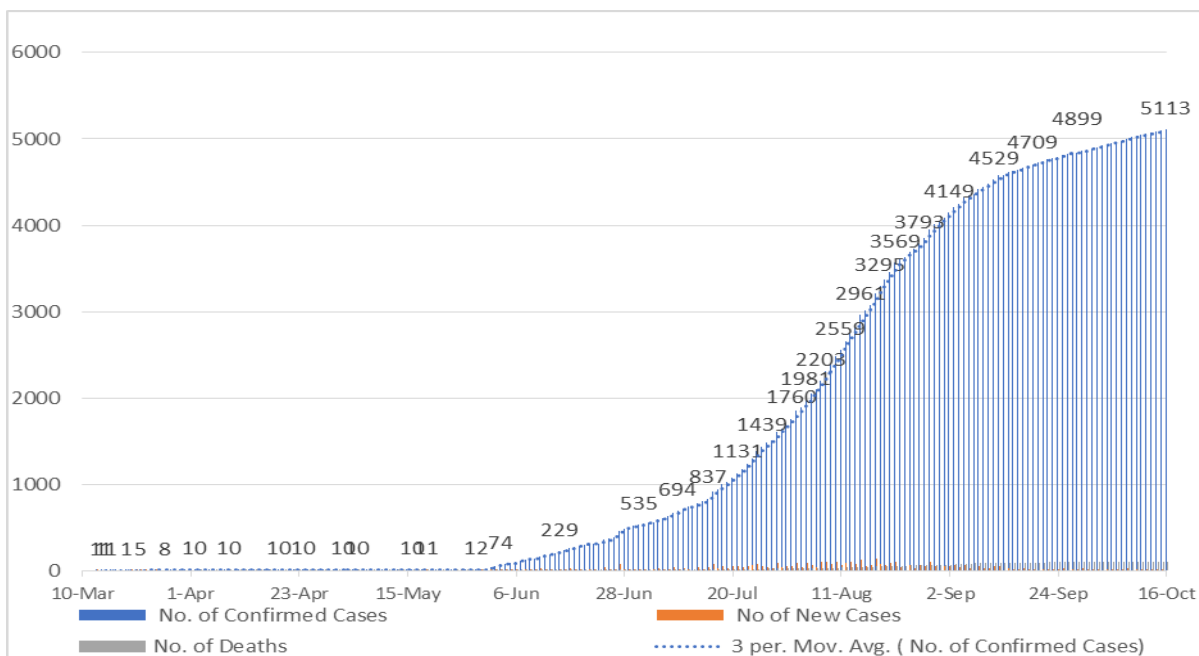
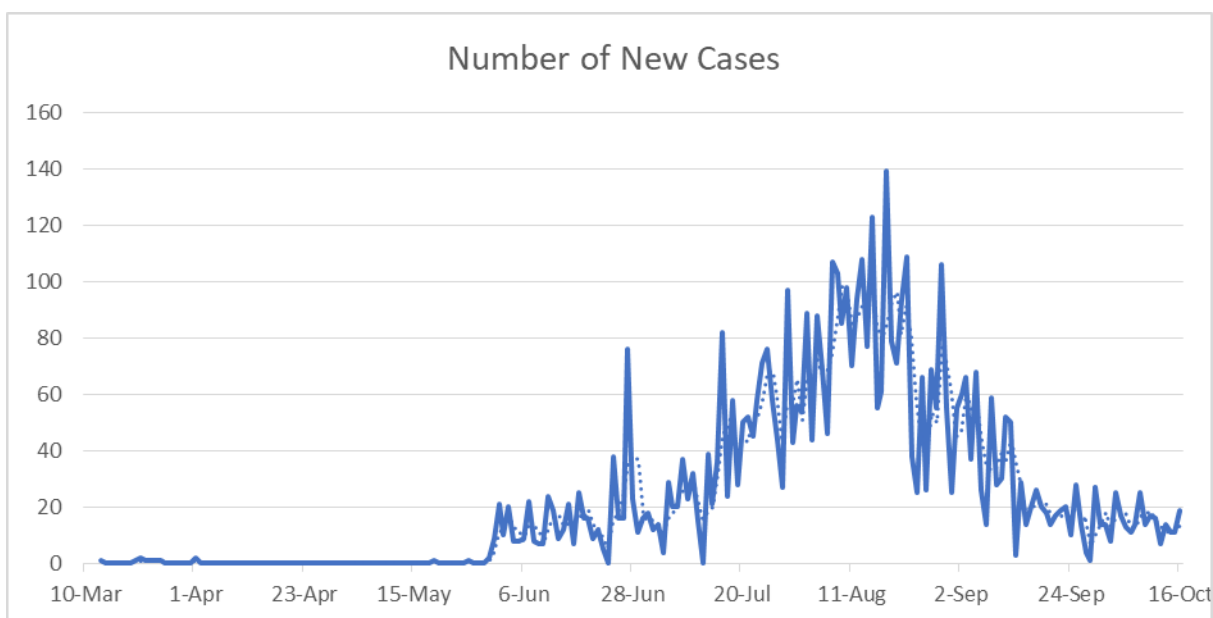
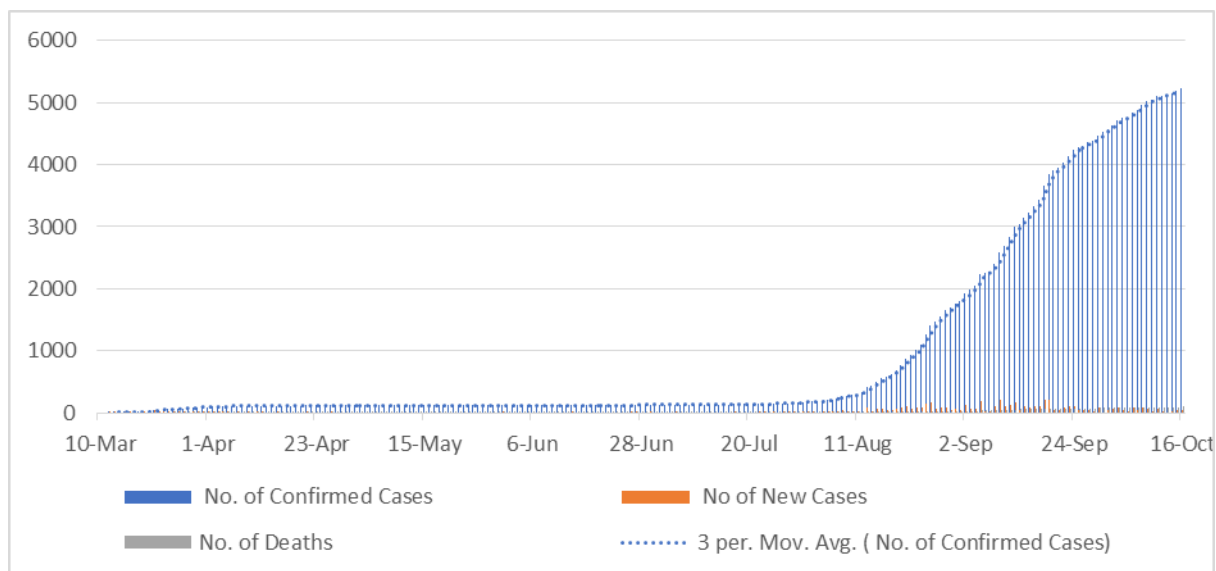
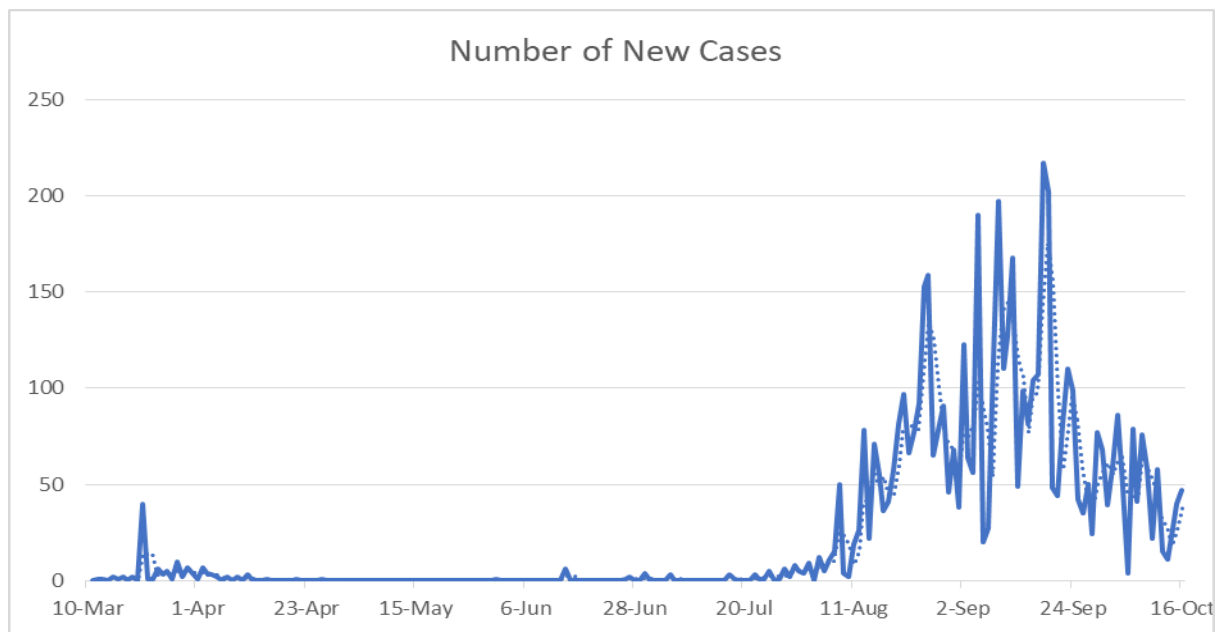


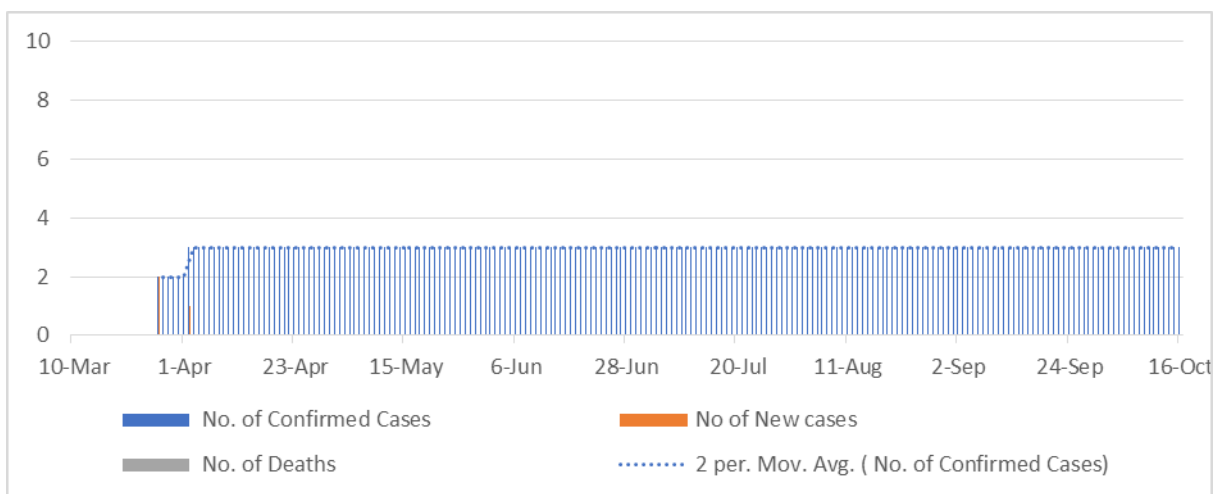
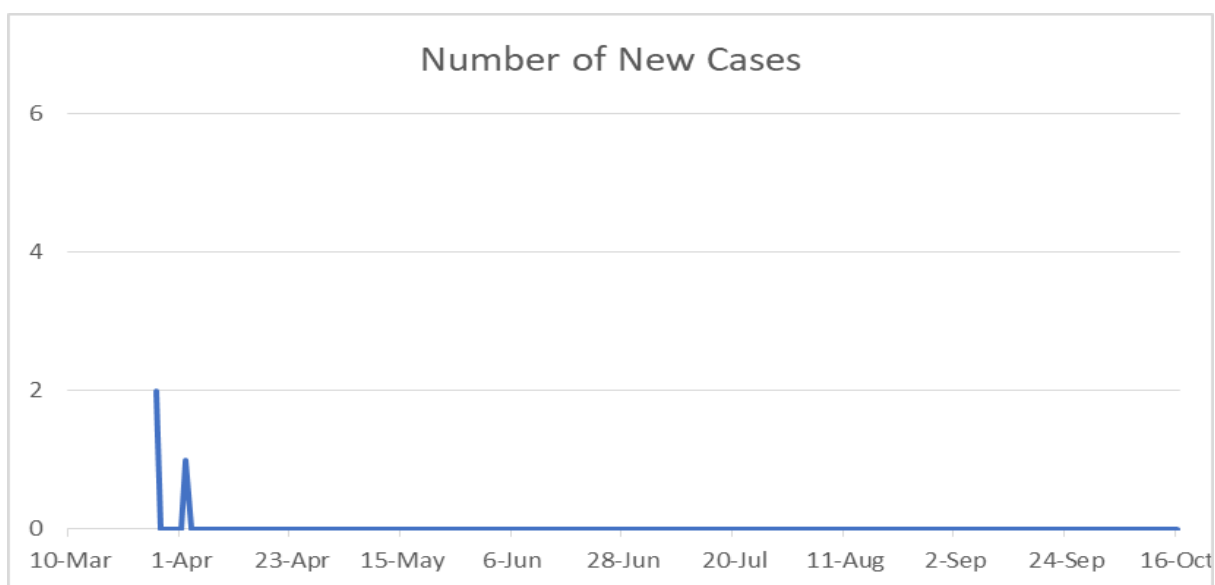
CHART 19A: SURINAME



Note: Suriname had **95 new cases** during the current reporting period **10-16 October**, as compared to **119 new cases** during **3-9 October**. The number of confirmed cases for Suriname stood at **5113** with **84 active cases** and **109 deaths (+3)**. The declining trend in the number of new cases from late August is evident in Chart 19 A.

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

Note: Trinidad and Tobago had **220 new cases** during the current reporting period **10-16 October**, as compared to **392 new cases** during **3-9 October**. The number of confirmed cases stood at **5241** with **1601 active cases** and **95 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 **198 days** as at **16 October**. The number of confirmed cases for Anguilla is **3**.

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CHART 22: BERMUDA

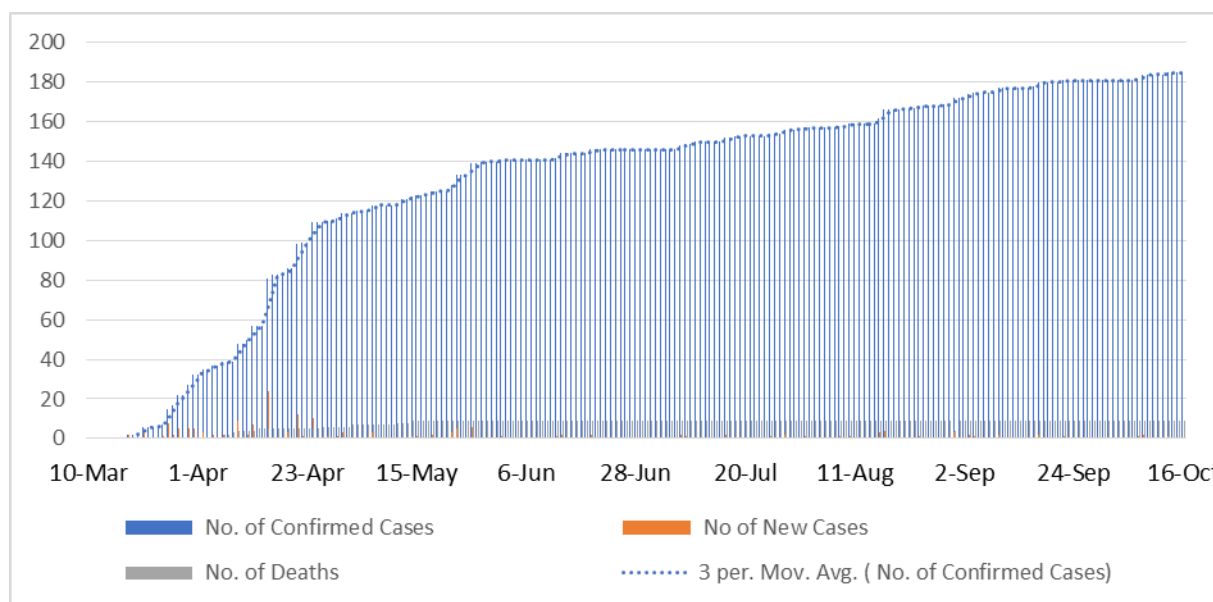
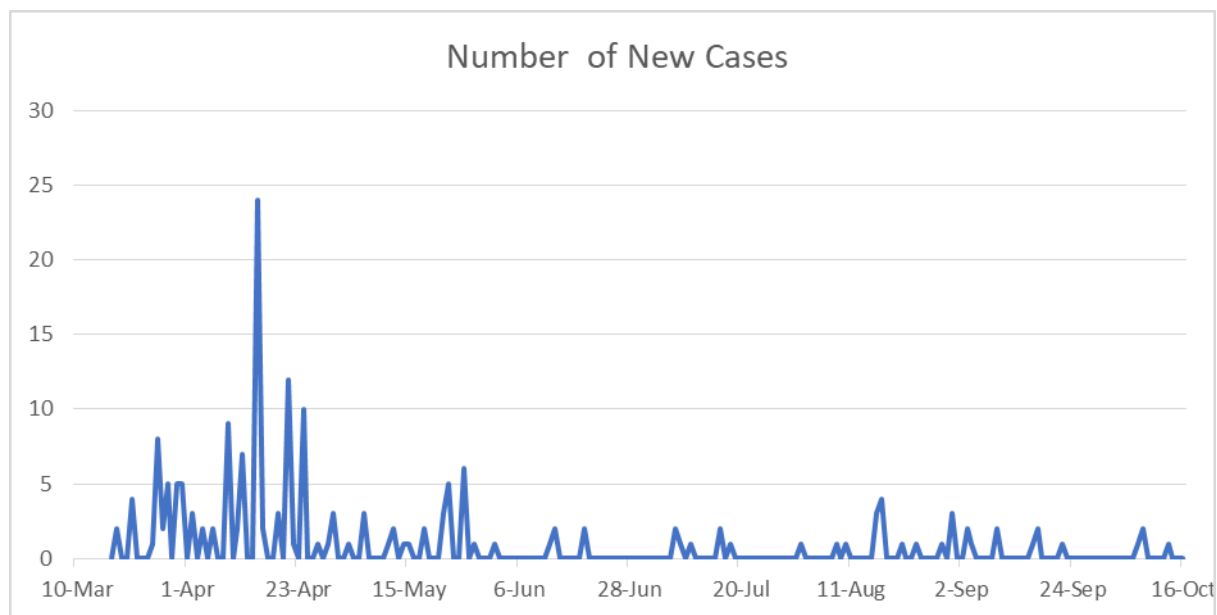
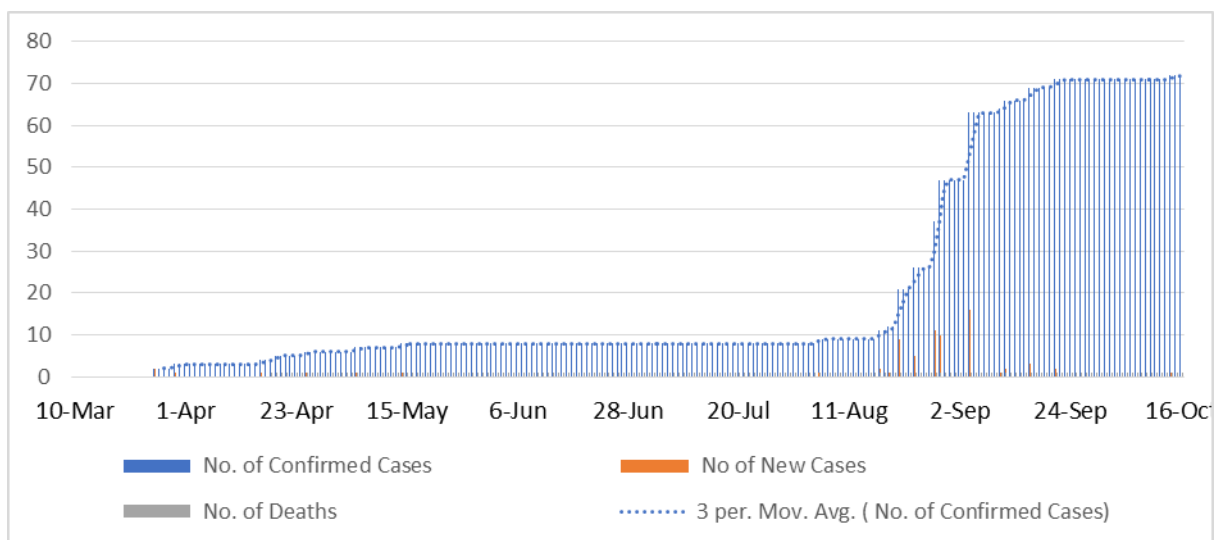
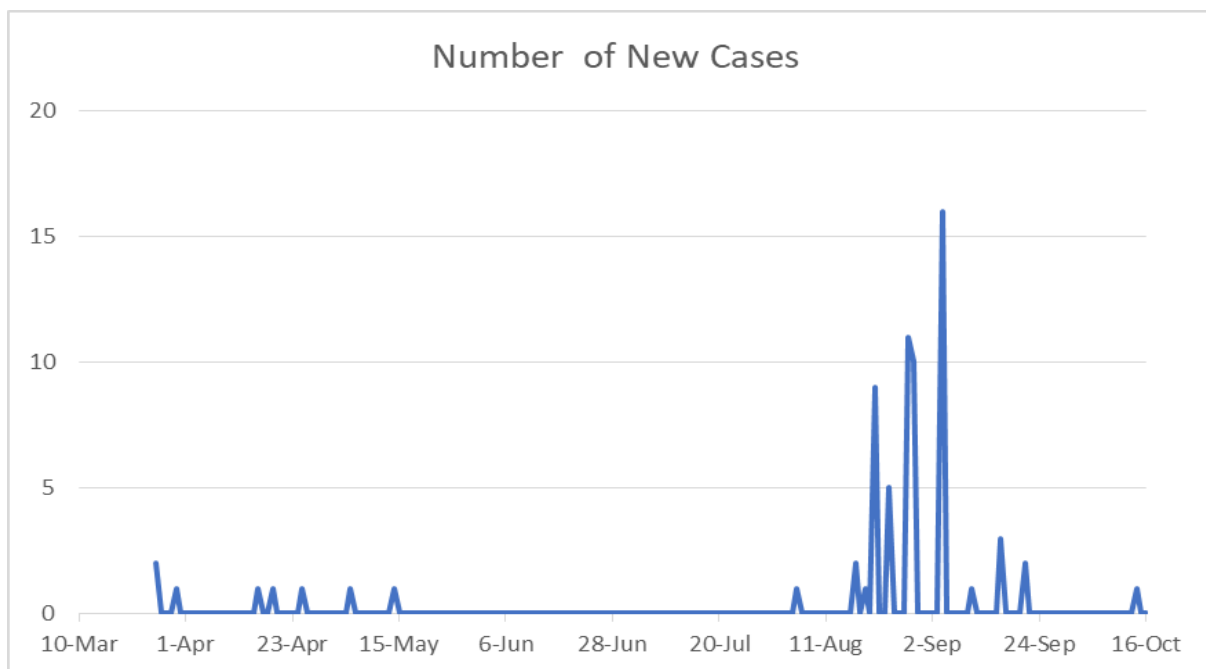


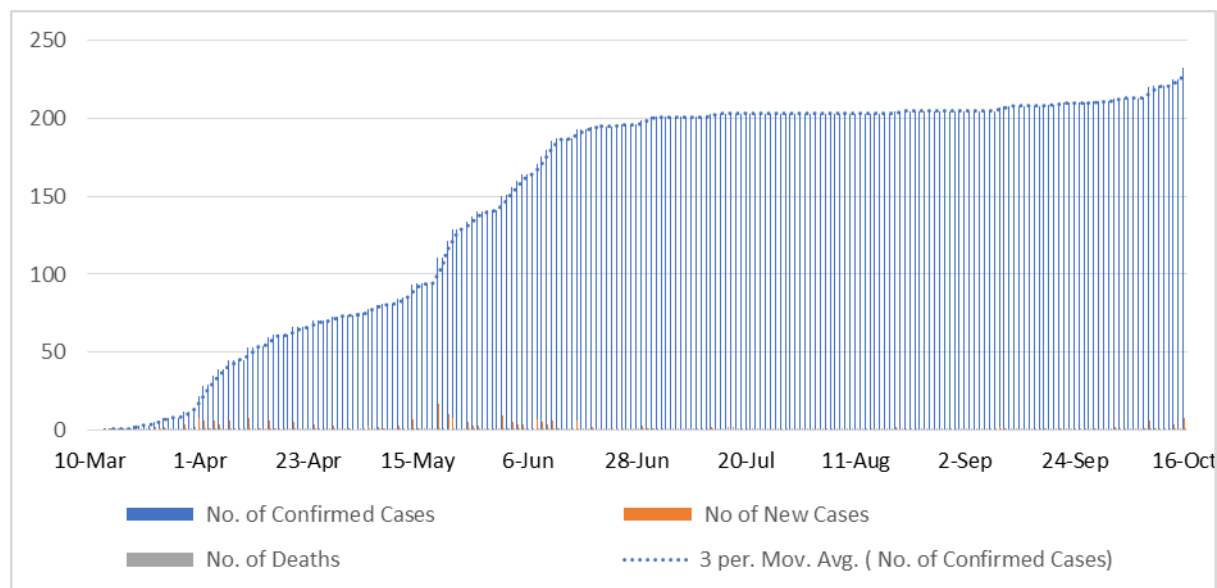
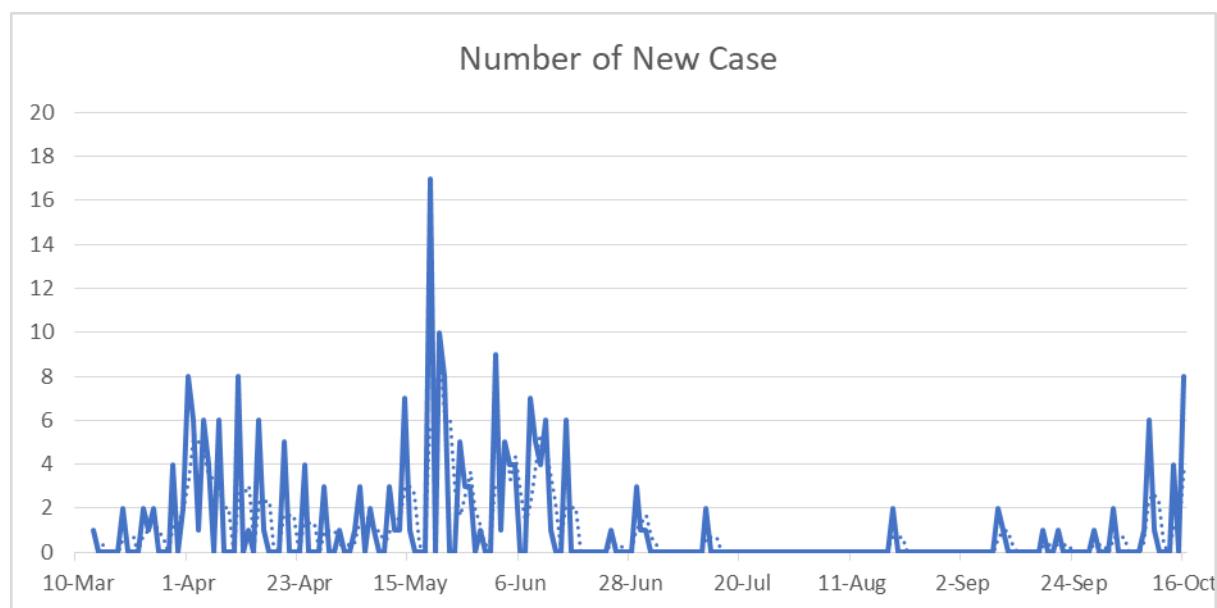
CHART 22A: BERMUDA



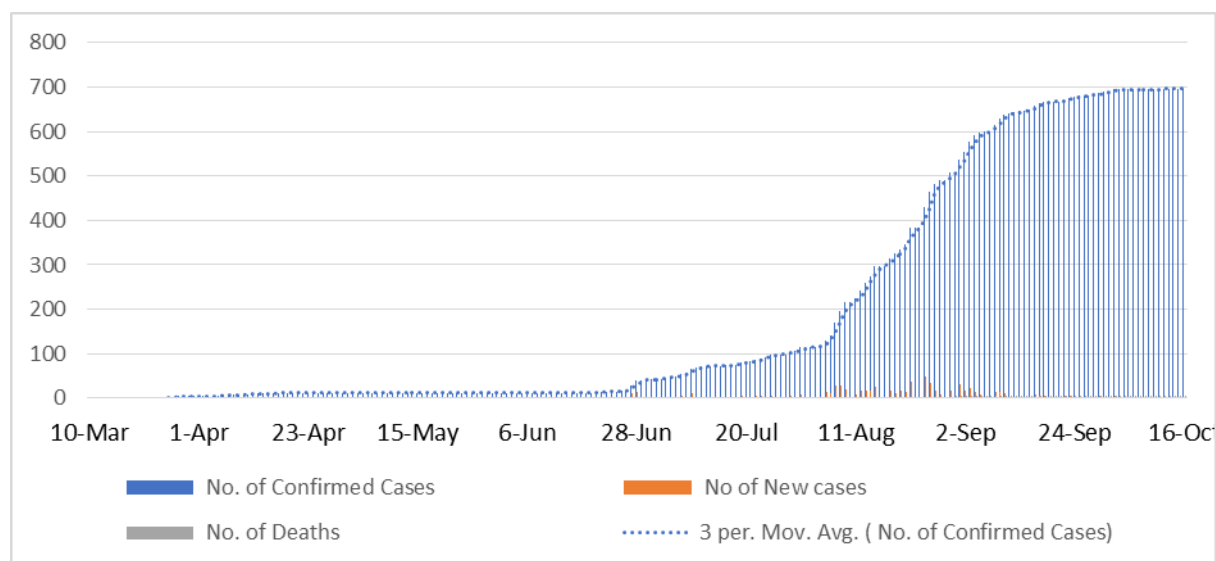
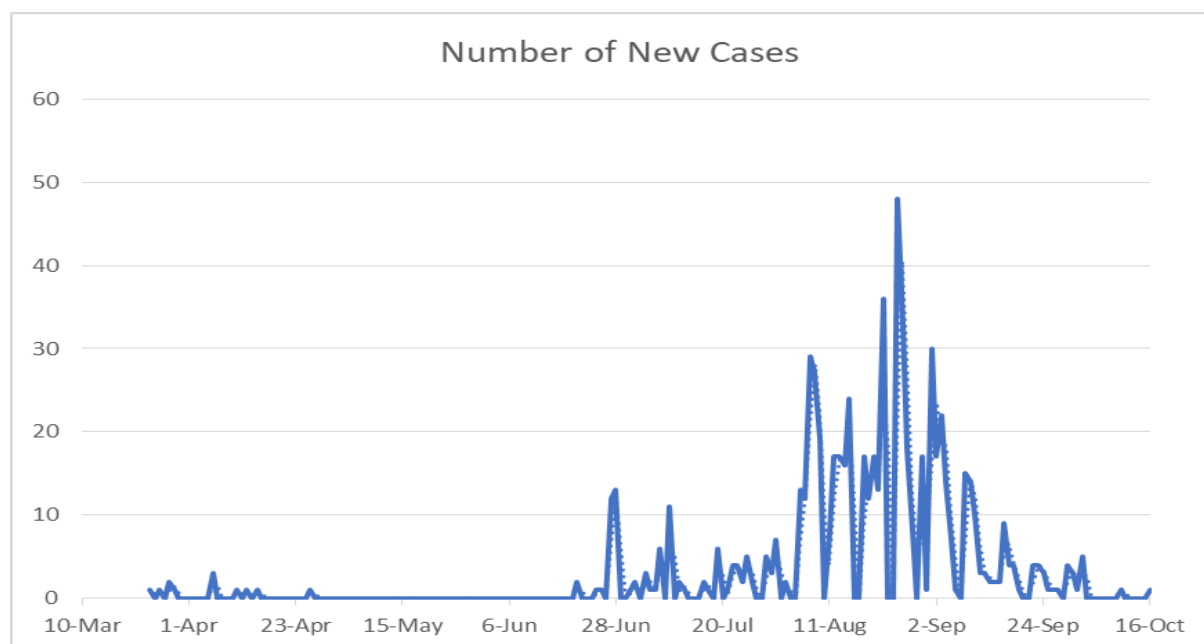
Note: Bermuda had **1 new case** during the current reporting **10-16 October** as compared to **3 new cases** during **3-9 October**. The number of confirmed cases for Bermuda stood at **185** as at **16 October** with **4 active cases**.

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

Note: In the British Virgin Islands, there was **1 new case** during the current reporting period, **10-16 October** as compared to **no new cases** during the last reporting period **3-9 October**. The total number of confirmed cases stood at 72 with **1 active case**.

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

Note: There were **13 new cases** in Cayman Islands during the current reporting period, **10-16 October** as compared to **7 new cases** during the last reporting period **3-9 October**. The number of confirmed cases stood at **233** with **20 active cases**.

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

Note: Turks and Caicos Islands had **2 new cases** during the current reporting period **10-16 October**, as compared to **no new cases** during **3-9 October**. The number of cases stood at **697** with **17 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
CARICOM-All Countries	24 August 9 October	19,191 38,861	46 Rate: 2.02
CARICOM-All countries	27 August 16 October	20,571 41,216	50 Rate: 2.00

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DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

The Bahamas

Doubling (2.0) 36 days



Belize

Doubling (2.00) 37 days



Guyana

Doubling (2.03) 34 days



Jamaica

Doubling (2.03) 32 days

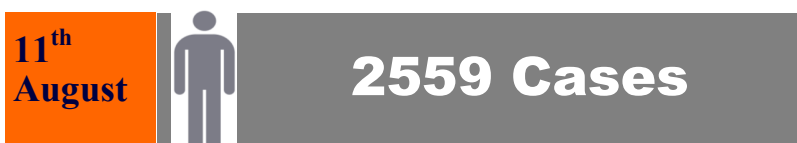


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DOUBLING OF CONFIRMED CASES IN SELECTED COUNTRIES

Suriname

Doubling (2.00) - 66 days



Trinidad and Tobago

Doubling (2.03) 37 days



Turks and Caicos Islands

Doubling (2.01) 56 days

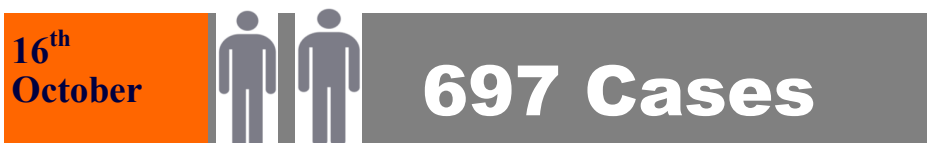


TABLE 9: EXPLANATIONS

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

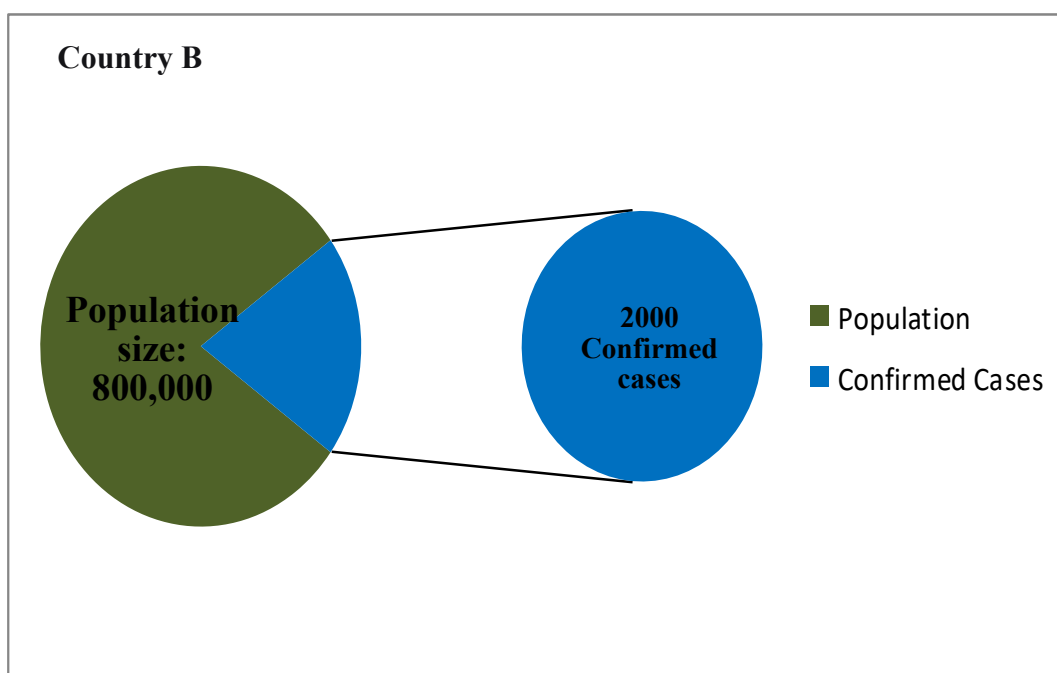
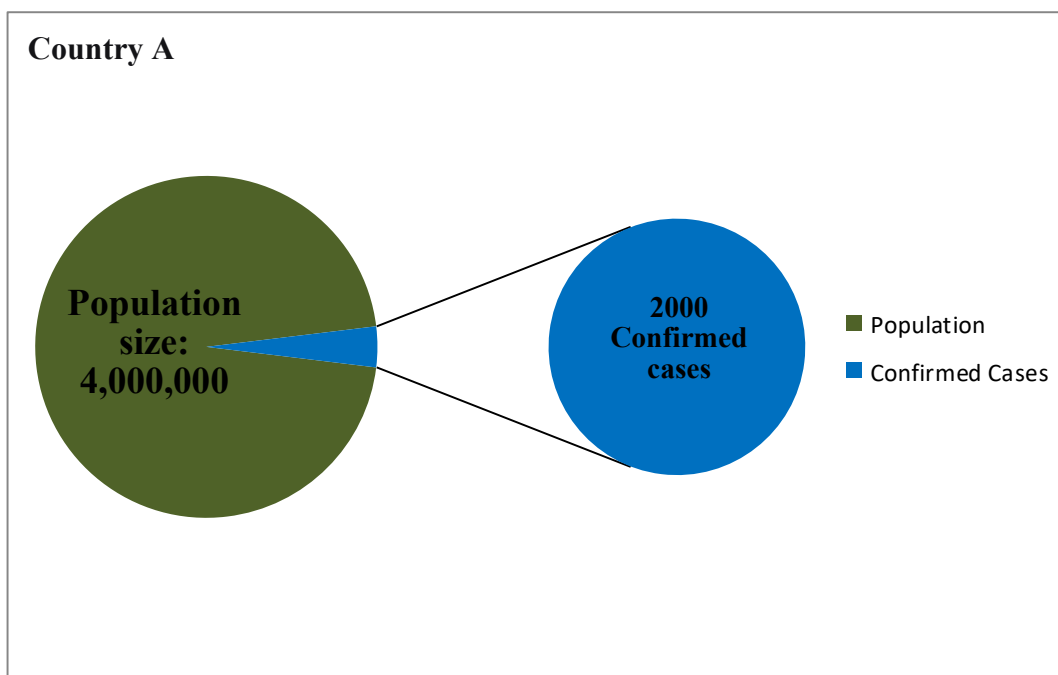
Key Term/Issue	Explanation
Number of Cases per 100, 000 population	<p>The number of cases per 100,000 population is calculated by dividing the number of cases by the total population, and then multiplying the result by a standard population size in this case 100,000.</p> $Rate = \frac{No. of Confirmed Cases}{Total Population} \times 100,000$ <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>

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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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