



GOVERNMENT OF
BERMUDA

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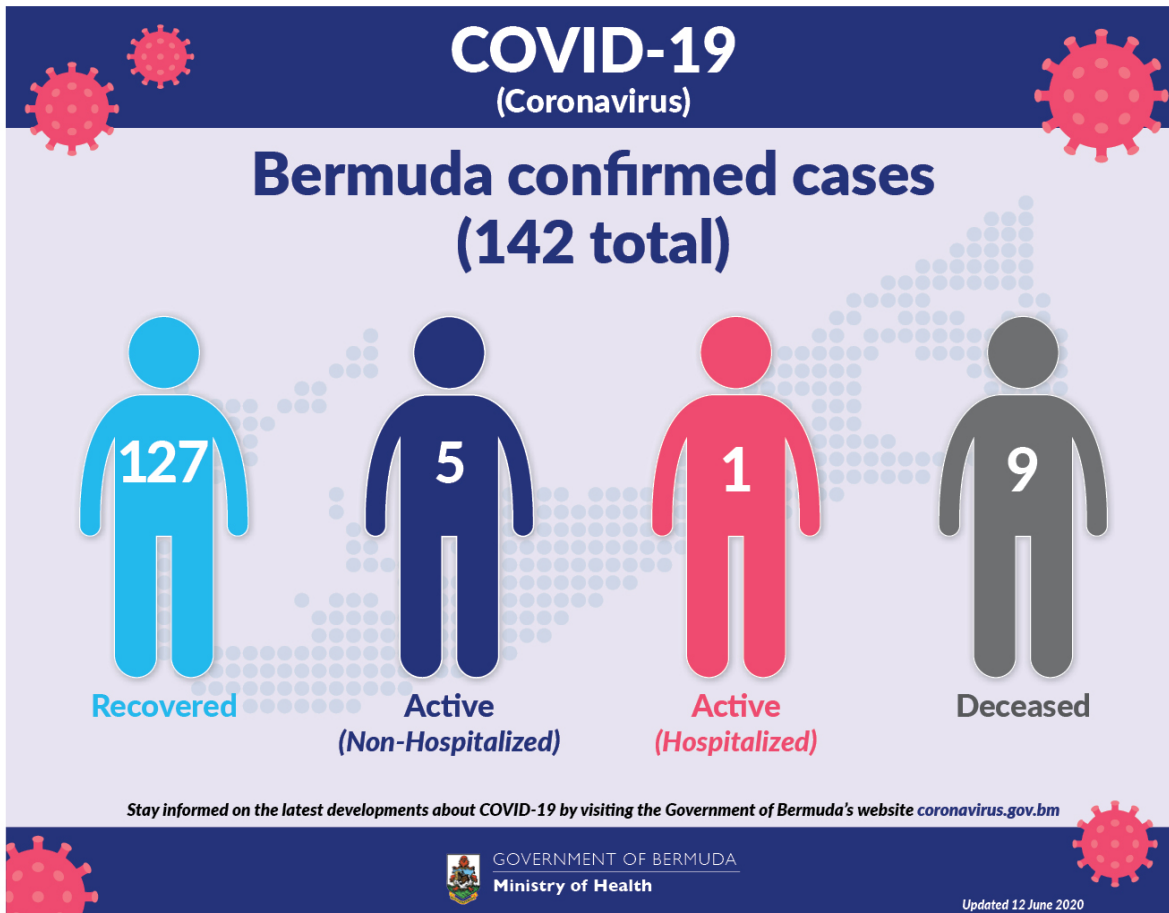
Coronavirus (COVID-19) update

The current World Health Organization risk assessment for novel coronavirus (COVID-19) is very high risk globally. It is advised that all countries prepare for the possibility of COVID-19 in their communities. Everyone has a role to play in getting ready and staying healthy by practicing everyday prevention measures like frequent hand washing, staying home when sick and covering coughs and sneezes. The World Health Organization has declared the current coronavirus situation as a pandemic. A pandemic is the increased and sustained transmission of a disease across many countries.

Surveillance for respiratory illness has been enhanced in collaboration with local public health partners. Persons with respiratory illness including fever and cough should call ahead and inform their health care provider of their travel history prior to attending for medical care.

This is a rapidly changing situation. Please regularly check this page for updates.

[COVID-19 Dashboard - 12 June](#) 



Data as of 3:00 pm 12 June 2020

Port Health Monitoring	Number
Quarantine with public health supervision	255

COVID-19 Testing	Total
Total	8575
Results negative	8433
Results positive	142
Transmission Status of Confirmed Cases	
Imported	41
Local Transmission [Known contact/source]	84
Local Transmission [Unknown contact/source]	11
Under Investigation	6

Status of Confirmed Cases	
Recovered	127
Active (non-hospitalized)	5
Active (hospitalized)	1
Deceased	9

Quarantine with public health supervision: All adults entering Bermuda are required to quarantine with public health supervision in a government quarantine facility for 14 days. These individuals will be monitored for symptoms during their time in quarantine. Exemptions allowed to self-quarantine at home for minors and for medical reasons.

Self-quarantine with public health supervision: All persons entering Bermuda from 17 March 2020 are to self-quarantine with public health supervision. Health personnel are in communication with these persons over the course of the self-quarantine period having provided a plan for self-monitoring for symptoms and clear instructions for notifying a health care provider before the person seeks health care if they develop fever, cough, or difficulty breathing.

Imported: Cases acquired outside of Bermuda.

Local transmission: Cases acquired within Bermuda

Under investigation: Type of transmission has not yet been determined. These cases are not imported and are likely the result of local transmission.

Recovered: Person has had no fever for at least 72 hours (3 days) without the use of fever-reducing medication, other symptoms have improved and at least 14 days have passed since onset of symptoms or testing date. Laboratory confirmation of at least one negative result may also be used as evidence of recovery.

Country status: Local transmission.

COVID-19 Reopening Indicators

Bermuda is monitoring critical indicators to see how we are doing in managing COVID-19 and assess our readiness to move to the next phase of our reopening plan. These indicators are updated on Mondays and Thursday.

As of 11th June 2020:

Lead Measures

As of 11th June 2020

"How Bermuda is doing; monitor bi-weekly to indicate likelihood of movement to the next phase"

Preventive Behaviours



Face mask wearing	Yellow
<i>HealthIQ Reports on observation of mask wearing</i>	
Physical Distancing	Red
<i>HealthIQ Reports on observation of 3 – 6ft physical distancing</i>	
Adoption of technology	Yellow
<i>Number of people participating in Health IQ / other apps</i>	

Capacity



Testing capacity	Yellow
<i>In stock of all lab consumables, reagents and kits plus enabling resources: staff & PPE</i>	
PPE supplies	Red
<i>In stock of: surgical mask, N95 mask, gloves, gowns and face shields</i>	

Lag Measures

"How Bermuda has done so far; to confirm at the end of each phase that it is safe to move to the next phase"

Transmission



WHO country classification	Yellow
<i>WHO country classification</i>	
Transmission	Yellow
<i>Proportion of cases able to be linked to known cases or clusters</i>	
Reproduction rate	Green
<i>Real time reproduction number (average over last 7 days)</i>	

Cases and hospitalizations



Hospitalizations	Green
<i>New COVID-related hospitalizations</i>	
Critical care	Green
<i>New COVID cases in critical care</i>	
COVID-19 cases	Green
<i>Number of new cases</i>	

Definitions

Lead measures:

1. Face mask wearing: HealthIQ Reports on observation of mask wearing –

- >95% report public wearing masks
- <80% report public wearing masks

2. Physical distancing: HealthIQ Reports on observation of 3 – 6ft physical distancing -

- >95% report public maintaining distance
- <80% report public maintaining distance

3. Adoption of Technology: Number of people participating in HealthIQ or Apps (public) -

- >10,000 unique respondents (All time)
- <5,000 unique respondents

4. Testing capacity: In stock of all lab consumables, reagents and kits plus enabling resources: staff & PPE

- >3 months' supply
- <1 months' supply

5. PPE supplies (critical): In stock of: surgical mask, N95 mask, gloves, gowns and face shields

- >5 months' supply
- >3 months' supply

Lag measures:

6. Classification: WHO Country classification

- Green: Sporadic cases
- Amber: Local transmission
- Red: Community transmission

7. Transmission: Proportion of cases able to be linked to known cases or clusters

- <10% unknown transmission
- >20% unknown transmission

8. Reproduction rate: Real time reproduction number average over last 7 days

- Rt <1.0
- Rt >1.4

9. Hospitalizations: New COVID-related hospitalizations

- <7 over last 7 days
- >21 over last 7 days

10. Critical care: COVID-related ICU cases

- <4 concurrent per week
- >7 concurrent per week

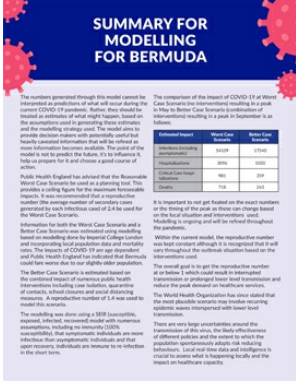
11. COVID-19 cases: Number of new cases per week

- <12 over last 7 days
- >35 over last 7 days

Coronavirus (COVID-19) Modelling Data - 24 April

The numbers generated through this model cannot be interpreted as predictions of what will occur during the current COVID-19 pandemic. Rather, they should be treated as estimates of what might happen, based on the assumptions used in generating these estimates and the modelling strategy used. The model aims to provide decision makers with potentially useful but heavily caveated information that will be refined as more information becomes available. The point of the model is not to predict the future, it's to influence it, help us prepare for it and choose a good course of action.

Our analyses on COVID-19 infections, hospitalizations, and testing can be found at the links below:



SUMMARY FOR MODELLING FOR BERMUDA

The numbers generated through this model cannot be interpreted as predictions of what will occur during the current COVID-19 pandemic. Rather, they should be treated as estimates of what might happen, based on the assumptions used in generating these estimates and the available data to date. The model uses available data to estimate the number of cases that would be expected to occur if the current situation continues to evolve. It is not intended to provide information that will be used to inform public health decisions. The purpose of the model is to provide the public with information to help them understand the potential impact of the current situation.

Public Health England has advised that the Reproduction Number (R) is a key factor in determining the impact of the current situation. The R is the average number of secondary cases generated by each infectious case of COVID-19. The R is a function of the number of contacts that an infectious case has, the probability of infection given contact, and the probability of becoming infectious given infection. The R is a function of the number of contacts that an infectious case has, the probability of infection given contact, and the probability of becoming infectious given infection.

The current R is estimated to be 1.0. This indicates that each infectious case is expected to generate one secondary case. This is consistent with the current situation in Bermuda, where the number of cases is increasing slowly.

The model was developed using a SEIR (Susceptible, Exposed, Infected, Recovered) model. The model uses the following parameters:

Parameter	Value	Units
Reproduction Number (R)	1.0	-
Incubation Period (days)	5.1	days
Infectious Period (days)	10.0	days
Recovery Period (days)	14.0	days
Case Fatality Rate (CFR)	0.0005	-
Case Fatality Rate (CFR)	0.0005	-
Case Fatality Rate (CFR)	0.0005	-

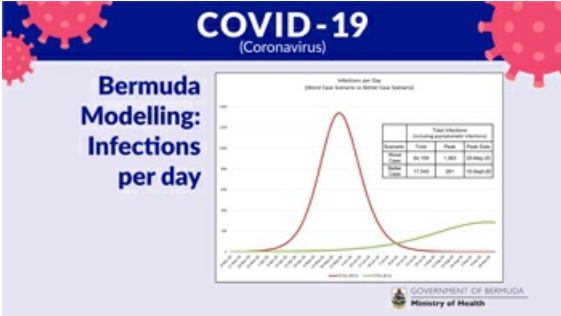
It is important to note that the model is based on the current situation in Bermuda. The model is not intended to provide information that will be used to inform public health decisions. The purpose of the model is to provide the public with information to help them understand the potential impact of the current situation.

While the current model, the reproduction number was kept constant at 1.0 to represent the current situation. It is expected that the R will vary throughout the outbreak situation based on the current situation.

The overall goal is to get the reproduction number as low as possible, which would result in a lower number of cases. This can be achieved through interventions such as social distancing, wearing masks, and avoiding large gatherings.

The World Health Organization has also stated that the most effective way to reduce the number of cases is to reduce the number of contacts that an infectious case has. This can be achieved through interventions such as social distancing, wearing masks, and avoiding large gatherings.

There are many other uncertainties around the transmission of this virus, the likely effectiveness of different public health interventions, and the impact of the current situation on the economy. The model is based on the current situation and is not intended to provide information that will be used to inform public health decisions.



COVID-19 (Coronavirus)

Bermuda Modelling: Infections per day

Infections per Day (Bermuda Case Scenario - Bermuda Case Scenario)

Parameter	Value	Units
Total Population	64,128	-
Total Population	64,128	-
Total Population	64,128	-

GOVERNMENT OF BERMUDA
Ministry of Health

[Summary for modelling for Bermuda](#)

[Modelling Estimates for Bermuda and Potential impact of Non-Pharmaceutical Interventions \(NPIS\) 24 April 2020](#)

COVID-19 Health Screening

Welcome to the Health Department's COVID-19 health screening registration form for the Bermuda Government Molecular Diagnostic Testing Laboratory at the old White's Supermarket at Southside. Please choose and register for a timeslot that suits you for your screening. Please ensure to bring your confirmation number with you for your screening. Instructions: Please remain in your car or on your bike, with a mask on and your windows up until directed. Your results will be communicated to you by your doctor.

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[The Zika Virus](#)



BERMUDA GOVERNMENT
Ministry of Public Works
Department of Works and Engineering

Strategy for Sustainable Water and Wastewater Servicing in St. George's Parish

The Study

The Government of Bermuda, Ministry of Public Works, has initiated a study to formulate a strategy for sustainable water and wastewater servicing in St. George's Parish. The objectives of the project involve an information review of the current water supply and sewage systems in St. George's Parish, to establish appropriate policies in order to:

- Offer options for management of service delivery;
- Identify infrastructure investment required to deliver a sustainable service for the Plan Period (25 years); and
- Complete a financial analysis of the current and proposed service delivery systems.

"The provision of a robust and reliable water and wastewater service to all Islanders and visitors, in a way that will allow Bermuda to be recognized as a leader in sustainability."

The Process

The study will define existing constraints and capacities, consider and evaluate alternatives and identify preferred water and wastewater servicing alternatives. The methodology will follow a process similar to the master planning process of the Municipal Engineers Association of Ontario, Canada.

Public Information and Consultation

The government wishes to ensure that anyone with an interest in this study has an opportunity to be involved and to provide input. Opportunities to provide the public with information will be made available via Public Information Centers (PIC's) and Town Hall meetings as well as on the project website, found here: www.bermudawater.info. The government is urging St. George's businesses and residents to answer the short survey found at the listed site.

If you have any suggestions for or comments on the study please send any email to the project website: stgeorgewwwplan@gov.bm.



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