

May 13, 2020

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COVID-19

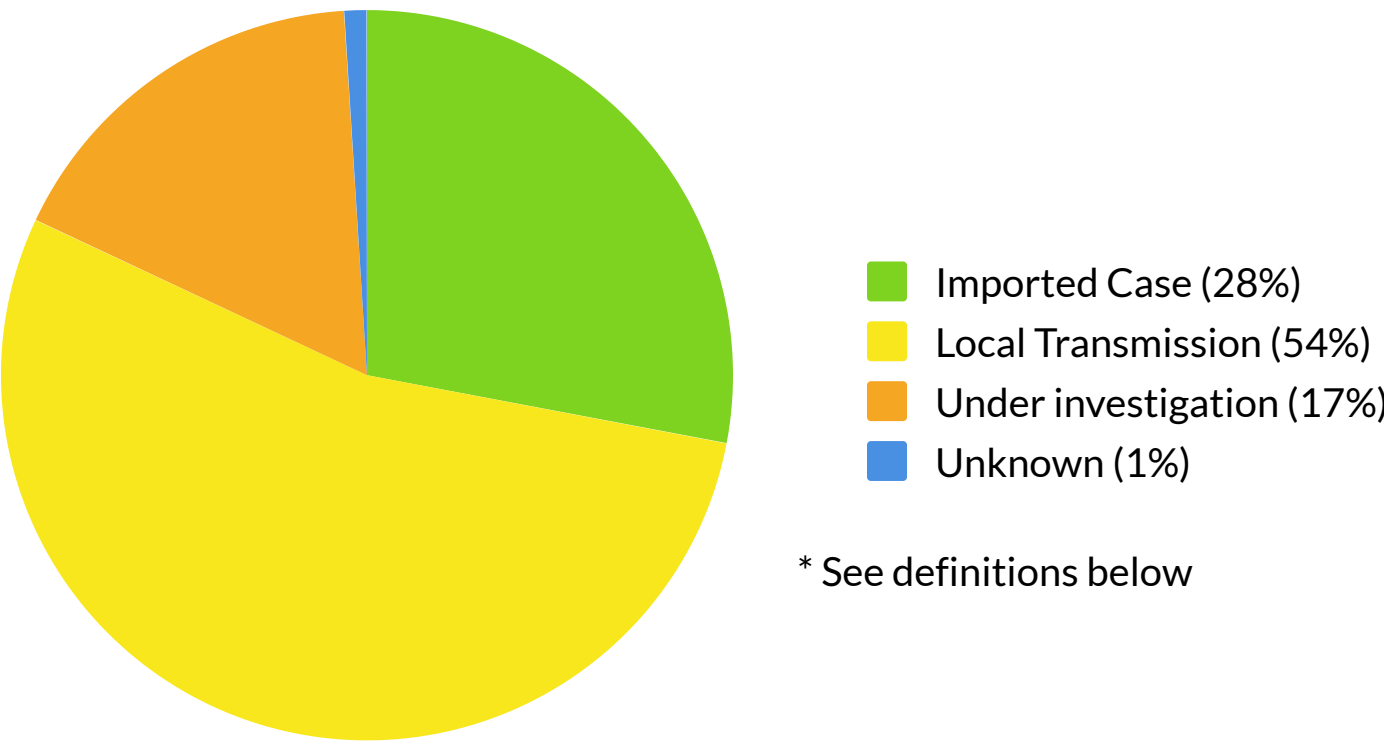
CORONAVIRUS DISEASE

Situation Report #45

Infographic - No. 6

SITUATION UPDATE

TREND IN CARPHA MEMBER STATES:



* See definitions below

Among cases for whom a source of infection was reported, 28% were imported; and 54% appeared to be close contacts of a known imported case.

LABORATORY:

As of May 12 2020, the Caribbean Public Health Agency (CARPHA) has received **3,855 samples from 16 CMS, 426 (11.1%) of which have tested positive** since the start of the outbreak.



TRENDING UPDATE(S)

1. CARPHA’s novel multisectoral regional THP is addressing COVID-19 through the provision of a package of “COVID-19 Proactive Measures” for the hospitality sector to build traveller’s assurance to return to the Caribbean. For more information, click [here](#).

GLOBALLY
4,139,814
CONFIRMED CASES

CARIBBEAN
17,317
CONFIRMED CASES

33 COUNTRIES, AREAS
OR TERRITORIES
5,625 RECOVERED
728 DEATHS

REST OF WORLD
(excluding the Caribbean)
4,122,497
CONFIRMED CASES

181 COUNTRIES, AREAS
OR TERRITORIES
AND OTHER*
1,498,339 RECOVERED
284,600 DEATHS

*Persons on board the Diamond Princess cruise ship

DEFINITIONS

SUSPECTED COVID-19 CASE DEFINITIONS:

Case A

A person with:

- fever
- at least one sign/symptom of respiratory disease (e.g. cough, shortness of breath)
- AND a history of travel during the 14 days prior to symptom onset

Case B

A person with:

- fever
- at least one sign/symptom of respiratory disease (e.g. cough, shortness of breath)
- AND having been in contact with a confirmed COVID-19 case (in the last 14 days prior to symptom onset)

Case C

A person with:

- fever
- at least one sign/symptom of respiratory disease (e.g. cough, shortness of breath)
- AND requiring hospitalization
- AND in the ABSENCE of an alternative diagnosis that fully explains the clinical presentation

IMPORTED CASE vs LOCAL SPREAD (SECONDARY CASE) vs COMMUNITY SPREAD:



Imported case:

- ✓ Exposed to COVID-19 abroad
- ✓ Developed symptoms in home country
- ✓ Tested positive for COVID-19

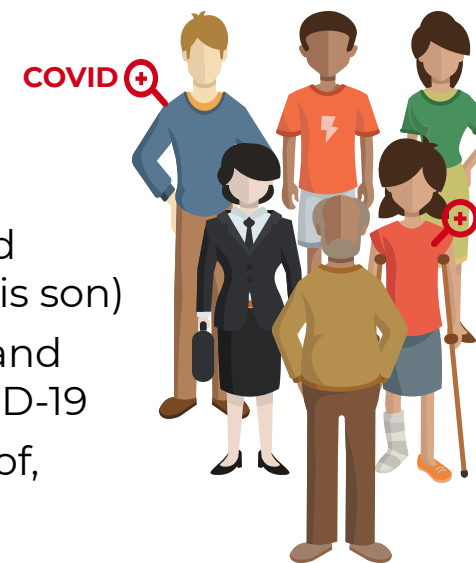
E.g. Son who returned from university abroad



Local spread/ Secondary case:

- ✓ No travel history
- ✓ Exposed to an imported case (in this example, his son)
- ✓ Developed symptoms and tested positive for COVID-19
- ✓ Able to identify source of, or link to infection

E.g. Father who works in home country



Community Spread:

- ✓ Persons in the community developed symptoms and tested positive
- ✓ No travel history or contact with an imported case or confirmed COVID-19 case
- ✓ Source of, or link to infection is unknown

TRANSMISSION OF COVID-19

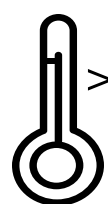


It can be transferred from **person to person via tiny droplets** from the nose or mouth of the COVID-19 infected persons when they cough or sneeze. A healthy individual can get this disease after **touching surfaces** such as desks and door handles where the droplets from an infected person have fallen.

CLINICAL PRESENTATION

*Based on patients in the United States of America

MOST COMMON



>37.5 °C

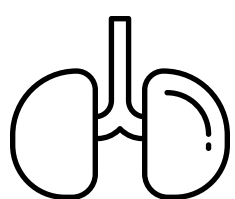
- Fever



- Dry cough



- Fatigue



- Shortness of breath



- Productive cough



- Muscle pain

ATYPICAL

Older adults and persons with medical conditions may have **delayed presentation** of fever and respiratory symptoms.



Diarrhoea and **nausea** may be experienced before developing fever and other symptoms.



Loss of smell and an altered sense of taste have also been reported.

ILLNESS SEVERITY

MILD to MODERATE :

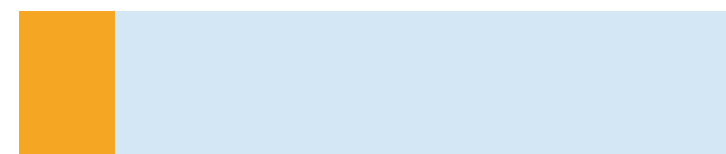
Patients present with mild symptoms up to mild pneumonia.



81%

SEVERE:

Patients have severe difficulty breathing, low oxygen levels and >50% lung involvement on imaging.



14%

CRITICAL:

Patients can have respiratory failure, shock and multi-organ system dysfunction.

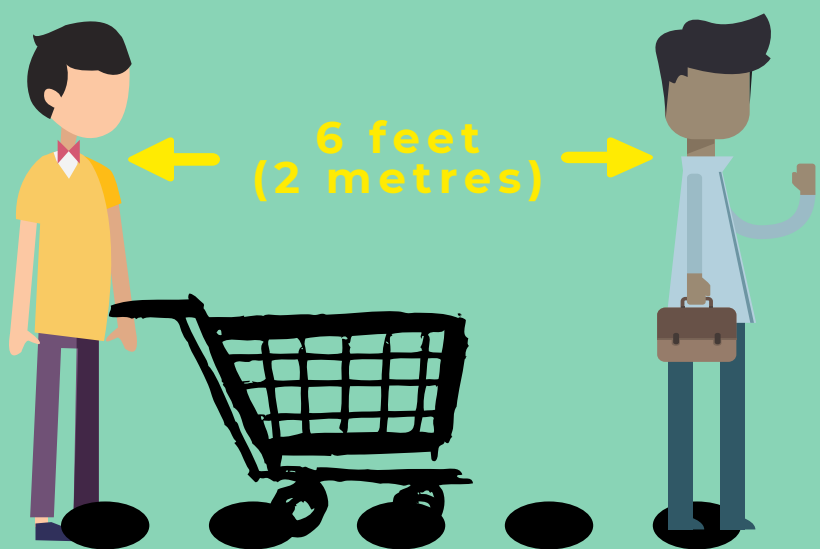


5%

PREVENTION OF DISEASE

SOCIAL DISTANCING

Social Distancing can stop or slow down the spread of a disease in the community. It requires limiting the time we spend with persons outside of our close family and/or house mates. It means **putting more space between persons** to decrease the chance of spread and thus, infection. Social Distancing includes:



Keeping at least 2 metres (6 feet) away from everyone when outside of your home



Working from home or attending online classes; staying home unless necessary



Avoiding gatherings with friends

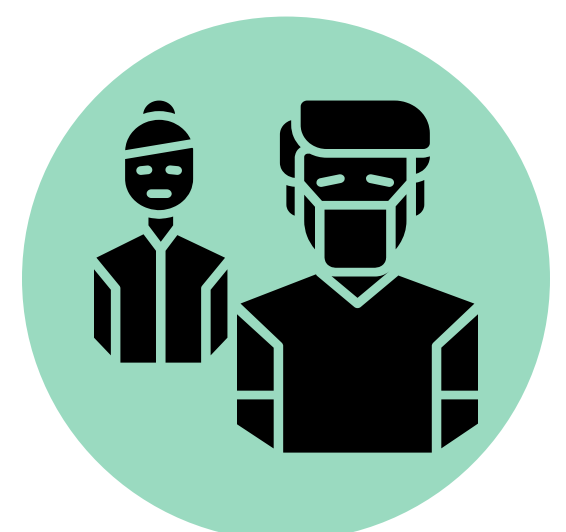
PRECAUTIONARY MEASURES



Wash your hands often and carefully with soap and water or clean with an alcohol-based hand rub.



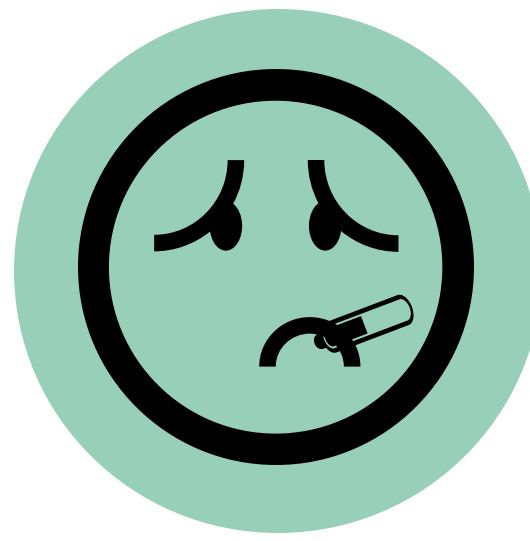
Cough or sneeze into your elbow or sleeve if tissue is not available.



Practice social distancing. Avoid contact with anyone who is coughing or sneezing.



If you have fever, cough and difficulty breathing, seek medical early and share previous travel history.



If you [develop symptoms](#), stay home. Avoid public transport and public spaces. Seek medical care.



[Use face masks](#) when applicable, e.g. when visiting the grocery or market.

For more information of CARPHA's activities and guidelines on COVID-19, please access Situation Report 45 - May 13 2020 by clicking [here](#).

REFERENCES

- (1) WHO Situation Dashboard Accessed at 9:30am May 13 2020. Available from: <https://who.sprinklr.com/>
- (2) Johns Hopkins University's Centre for Science and Engineering Accessed at 9:30am. 13 May 2020. Available from: <https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd40299423467b48e9ecf6>
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- (3) Jamaica Ministry of Health and wellness. Press release dated May 12 2020. Available at <https://mobile.twitter.com/christufton/status/1260366510582882310/photo/1> Accessed 13 May 2020
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- (6) Guyana Ministry of Public Health. <https://dpi.gov.gy/4-new-covid-19-cases-3-more-recoveries/> Accessed 13 May 2020.
- (7) Barbados Government Information Service. Website available [here](#). Accessed 13 May 2020.
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