

Immediate notification

24/07/2020

The event is ongoing. Weekly follow-up reports will be submitted.

Sender	Country/territory	Report ID
Delegate of Hong Kong	Hong Kong	IN_35169
Report reference	Event status	Self-declaration
20-09913	On-going	No

General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 13/07/2020
Animal type - Terrestrial	Confirmed on - 23/07/2020	Causal agent - SARS-CoV-2
Disease category - Emerging	Reported on - 24/07/2020	Reason - Emerging disease

Disease impact

Outbreak morbidity - 1.0	Outbreak mortality - 0.0
Zoonotic potential - Yes	Zoonotic potential description - Zoonotic potential unknown at this time

Epidemiology

Source of the event or origin of the infection - Likely human to animal transmission

Epidemiological comments The cat was placed under quarantine on 21 July 2020 after confirmation of a human case from the same household. Following veterinary examination nasal, oral and rectal swab samples were taken after the cat's admission to the quarantine facility. The oral sample was tested positive for SARS-CoV-2. The cat has not exhibited any specific clinical signs. Investigations are continuing to determine the duration of virus detection. Risk management measures are in place for this case, including cleansing and disinfection of the premises, and proper personal hygiene and protection. Mammalian pets from household with confirmed human cases will be collected for testing of SARS-CoV-2 as appropriate.

Control measures at event level

Domestic control measures

- Applied
- Traceability
 - Disinfection
 - Screening
 - Quarantine

Wild control measures

- Applied
- Disinfection
 - Traceability
 - Quarantine
 - Screening

Diagnostic

Clinical signs - No

Method of diagnostic - Diagnostic test

Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until	Result
Real-time reverse transcription	Nucleic acid detection	Laboratory Test	School of Public Health, The	Cats		23/07/2020		Positive

polymerase chain reaction (rRT-PCR)			University of Hong Kong					
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory	Cats		21/07/2020		Positive

Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Cats	New	1	1	0	0	0	-	-	-
Cats	Total	1	1	0	0	0	-	100.0	0.0
All species	New	1	1	0	0	0	-	-	-
All species	Total	1	1	0	0	0	-	100.0	0.0

Event morbidity - 1.0

Event mortality - 0.0

Outbreaks

1000134319-Sheung Wan

Outbreak reference - 20-09913, 10143, ASH

Started on - 21/07/2020

First administrative division - Central and Western

Ended on - 06/08/2020

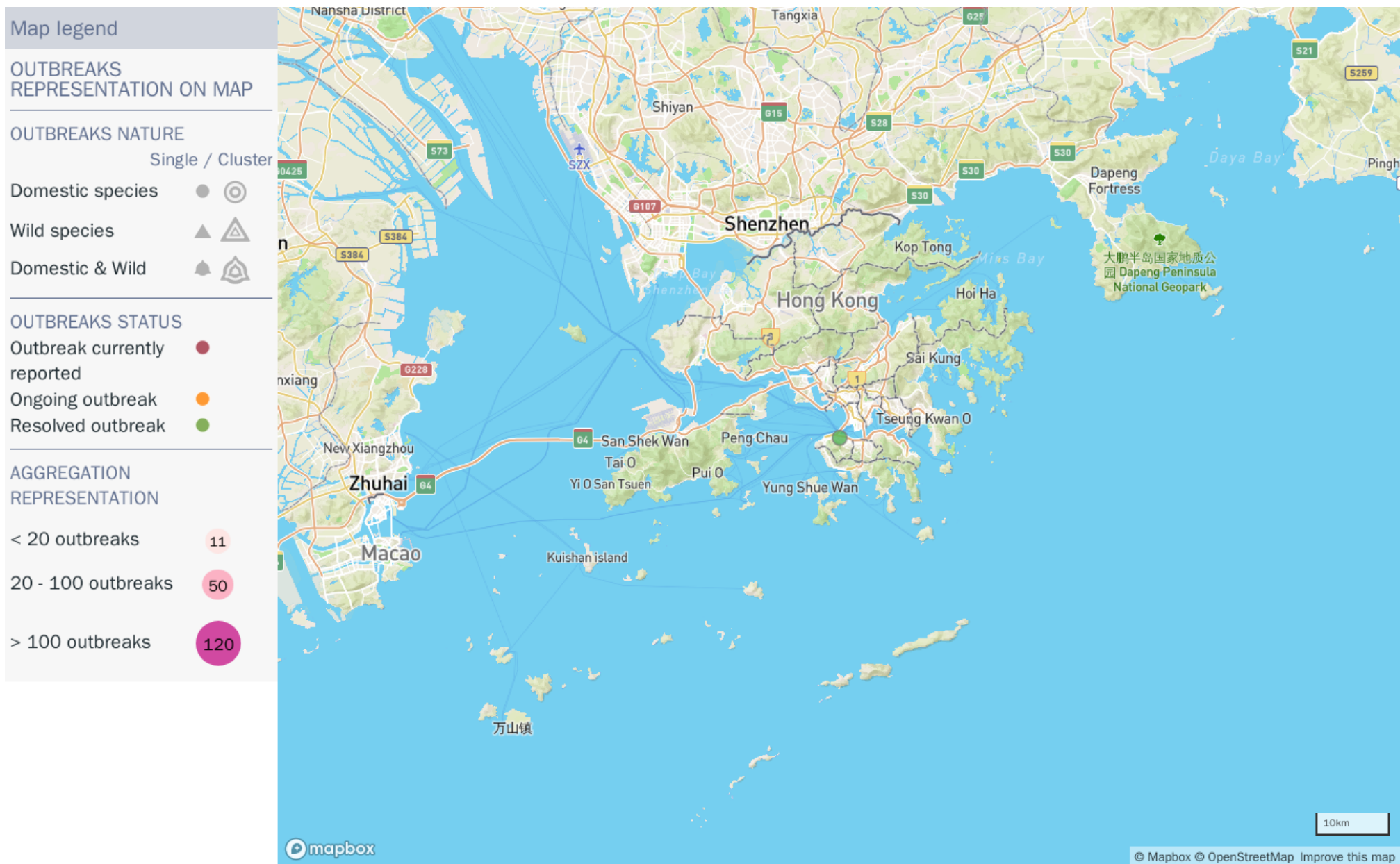
Epidemiological unit - Other

Geographic coordinates - 22.286394, 114.149139

Location - Sheung Wan

Description of the affected population A cat kept in the same household as a confirmed COVID-19 patient. The animal did not show any relevant clinical signs.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Cats	New	Animal	1	1	0	0	0	-
Cats	Total	Animal	1	1	0	0	0	-
All species	New	Animal	1	1	0	0	0	-
All species	Total	Animal	1	1	0	0	0	-



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