

## Follow-up report 1 (Final report)

04/05/2020

**The event is resolved. No more follow-up reports will be submitted.**

Sender	Country/territory	Report ID
Delegate of Hong Kong	Hong Kong	FUR_34221
Report reference	Event status	Self-declaration
20-04236, 04310,04394,04973	Resolved	No

### General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 30/03/2020
Animal type - Terrestrial	Confirmed on - 31/03/2020	Causal agent - SARS-CoV-2
Ended on - 19/04/2020	Disease category - Emerging	Reported on - 04/05/2020
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 30 March 2020 after its owner was hospitalised due to COVID-19 infection. Following veterinary examination nasal, oral, and rectal swab samples were taken after the cat's admission to the quarantine facility. All samples tested positive for SARS-CoV-2. Virus neutralising antibody was detected in a follow up blood sample. The cat has not exhibited any specific clinical signs. Animal has returned to the owner after completion of quarantine and consecutive negative test results. Risk management measures are in place for this case, including cleansing and disinfection of the premises, and proper personal hygiene and protection. Samples of mammalian pets from households with confirmed human cases of COVID-19 will be collected for testing of SARS-CoV-2 as appropriate.

### Control measures at event level

#### Domestic control measures

- Applied
- Quarantine
  - Screening
  - Traceability
  - Disinfection

#### Wild control measures

- Applied
- Disinfection
  - Quarantine
  - Screening
  - Traceability

### 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 polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory	Cats		31/03/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Department of Microbiology, University de Hong Kong	Cats		31/03/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory	Cats		03/04/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Department of Microbiology, University de Hong Kong	Cats		03/04/2020		Positive

## Quantitative data summary

### Measuring unit - Animal

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

Event morbidity - 1.0

Event mortality - 0.0

## Outbreaks

### 1000129047-Aberdeen

Started on - 30/03/2020

First administrative division - Southern

Ended on - 19/04/2020

Epidemiological unit - Other

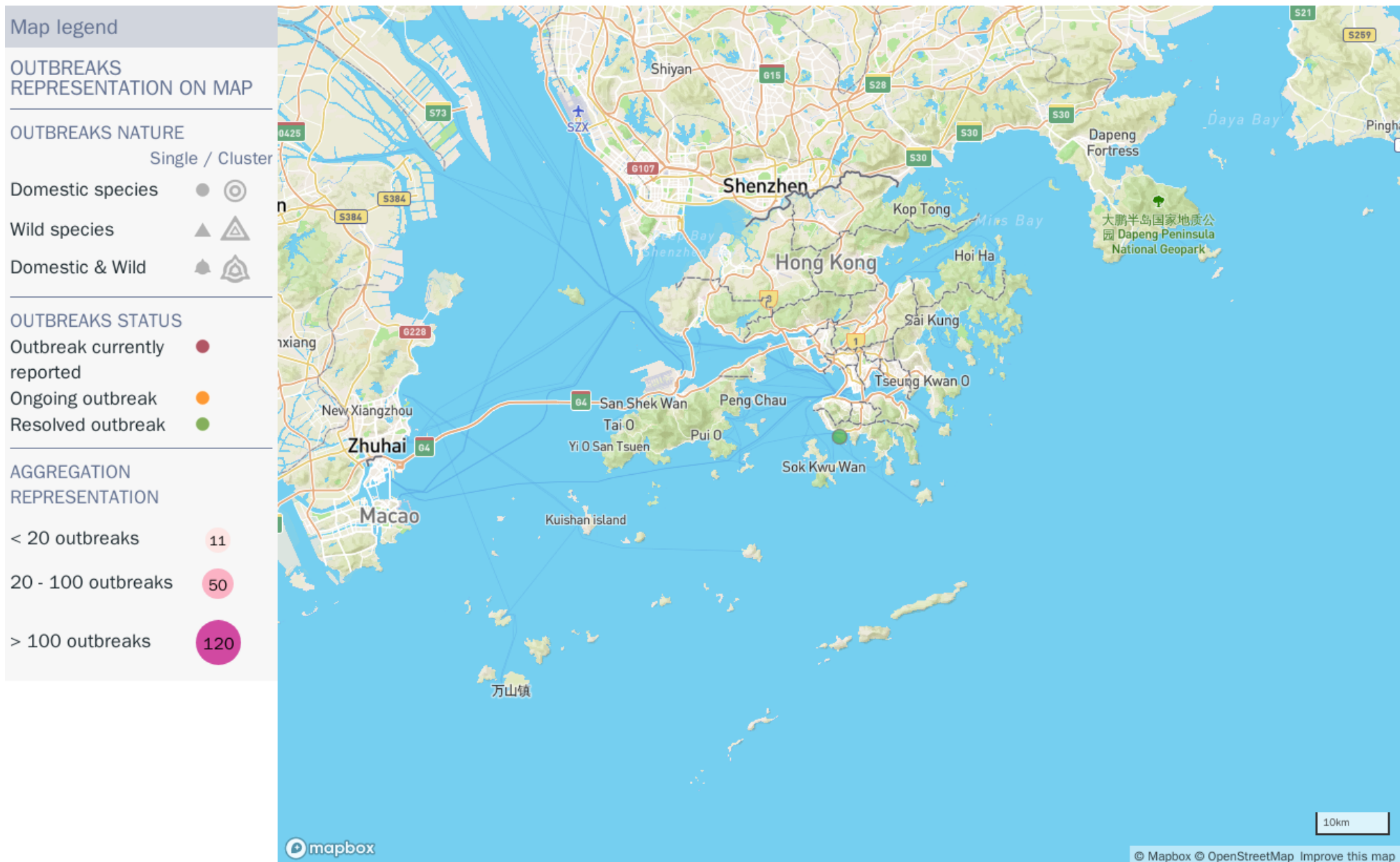
Geographic coordinates -  
22.242,114.151

Location - Aberdeen

Description of the affected populationA 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	-	-	-	-	-	-
Cats	Total	Animal	1	1	0	0	0	-
All species	New	Animal	-	-	-	-	-	-

All species	Total	Animal	1	1	0	0	0	-
-------------	-------	--------	---	---	---	---	---	---



© Mapbox © OpenStreetMap Improve this map

© Mapbox | © OpenStreetMap

Prints use map data from Mapbox and OpenStreetMap and their data sources.

To learn more, visit <https://www.mapbox.com/about/maps/> and <http://www.openstreetmap.org/copyright>.

Les localisations des foyers ont été renseignées par les Services vétérinaires compétents et peuvent ne pas représenter l'emplacement exact d'un foyer. L'OIE n'assume aucune responsabilité quant aux données affichées.