

## Follow-up report 1 (Final report)

07/04/2020

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

Sender	Country/territory	Report ID
Delegate of Hong Kong	Hong Kong	FUR_33892
Report reference	Event status	Self-declaration
20-03695, 03724	Resolved	No

### General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 18/03/2020
Animal type - Terrestrial	Confirmed on - 20/03/2020	Causal agent - SARS-CoV-2
Ended on - 30/03/2020	Disease category - Emerging	Reported on - 07/04/2020
Reason - Emerging disease		

### Disease impact

Outbreak morbidity - 1.0	Outbreak mortality - 0.0
Zoonotic potential - Yes	Zoonotic potential description - Zoonotic potential is unknown

### Epidemiology

Source of the event or origin of the infection - Unknown or inconclusive

Epidemiological comments Two dogs from one household were placed under quarantine on 18 March 2020 after their owner was hospitalised due to COVID-19 infection. Following veterinary examination nasal, oral, and rectal swab samples were taken after the dogs' admission to the quarantine facility. Samples from one of the dogs taken on 18, 19 and 20 March 2020 tested positive for SARS-CoV-2. Serum samples collected from the same dog were also positive on serology. Subsequent swab samples taken over the following 10 days tested negative. The other dog continued to test negative. The dogs did not exhibit any specific clinical signs while held in the quarantine facility. 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
- Traceability
  - Disinfection
  - Screening
  - Quarantine

#### Wild control measures

- Applied
- Disinfection
  - Traceability
  - Screening
  - Quarantine

### Diagnostic

Clinical signs - No

Method of diagnostic - Diagnostic test

Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until	Result
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Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory	Dogs		19/03/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Department of Microbiology, University de Hong Kong	Dogs		19/03/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory	Dogs		20/03/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Department of Microbiology, University de Hong Kong	Dogs		20/03/2020		Positive

## Quantitative data summary

### Measuring unit - Animal

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

Event morbidity - 1.0

Event mortality - 0.0

## Outbreaks

### 1000128365-Pok Fu Lam

Started on - 18/03/2020

First administrative division - Southern

Ended on - 30/03/2020

Epidemiological unit - Other

Geographic coordinates -  
22.268843,114.131513

Location - Pok Fu Lam

Description of the affected population Two dogs kept in the same household as a confirmed COVID-19 patient. One dog tested positive. Both animals did not show any relevant clinical signs.

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

All species	Total	Animal	-	1	0	0	0	-
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## Map legend

### OUTBREAKS REPRESENTATION ON MAP

#### OUTBREAKS NATURE

Single / Cluster

Domestic species



Wild species



Domestic & Wild



#### OUTBREAKS STATUS

Outbreak currently reported



Ongoing outbreak



Resolved outbreak



#### AGGREGATION REPRESENTATION

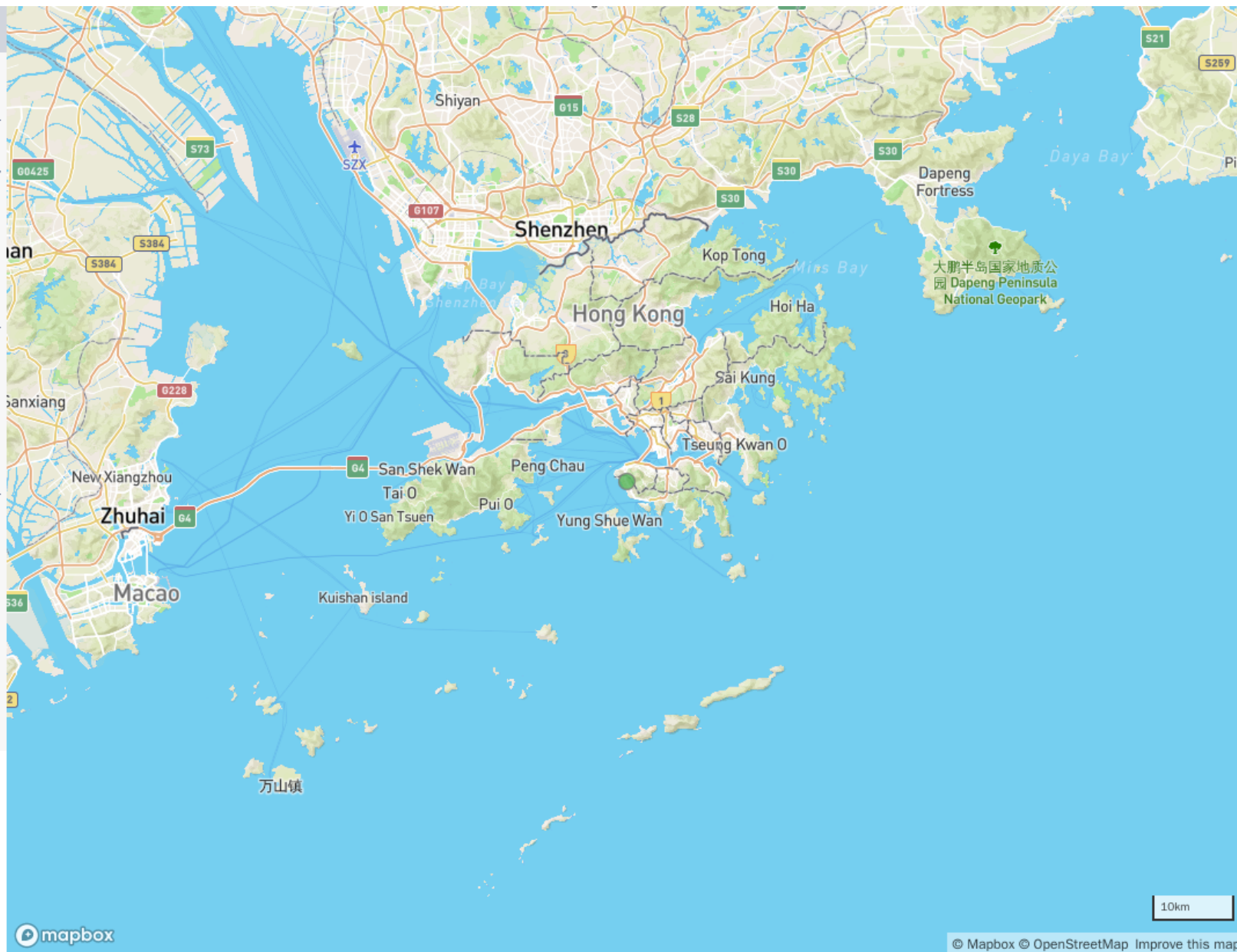
< 20 outbreaks



20 - 100 outbreaks



> 100 outbreaks



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