Immediate notification

20/03/2020

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

Sender	Country/territory	Report ID
Delegate of Hong Kong	Hong Kong	IN_33684
Report reference	Event status	Self-declaration
20-03695, 03724	On-going	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
Disease category - Emerging	Reported on - 20/03/2020	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 commentsTwo 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 and 19 March 2020 tested positive for SARS-CoV-2. Both animals did not exhibit any specific clinical signs. Investigations are continuing. 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 households with confirmed human cases of COVID-19 will be be placed under quarantine and veterinary surveillance for 14 days. Samples 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
Real-time reverse transcription	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory	Dogs		19/03/2020		Positive

polymerase chain reaction (rRT-PCR)								
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	-	1	0	0	0	-	-	-
Dogs	Total	-	1	0	0	0	-	-	-
All species	New	-	1	0	0	0	-	-	-
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 populationTwo 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	-	1	0	0	0	-
Dogs	Total	Animal	-	1	0	0	0	-
All species	New	Animal	-	1	0	0	0	-
All species	Total	Animal	-	1	0	0	0	-

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Map legend

OUTBREAKS REPRESENTATION ON MAP

OUTBREAKS NATURE

Single / Cluster

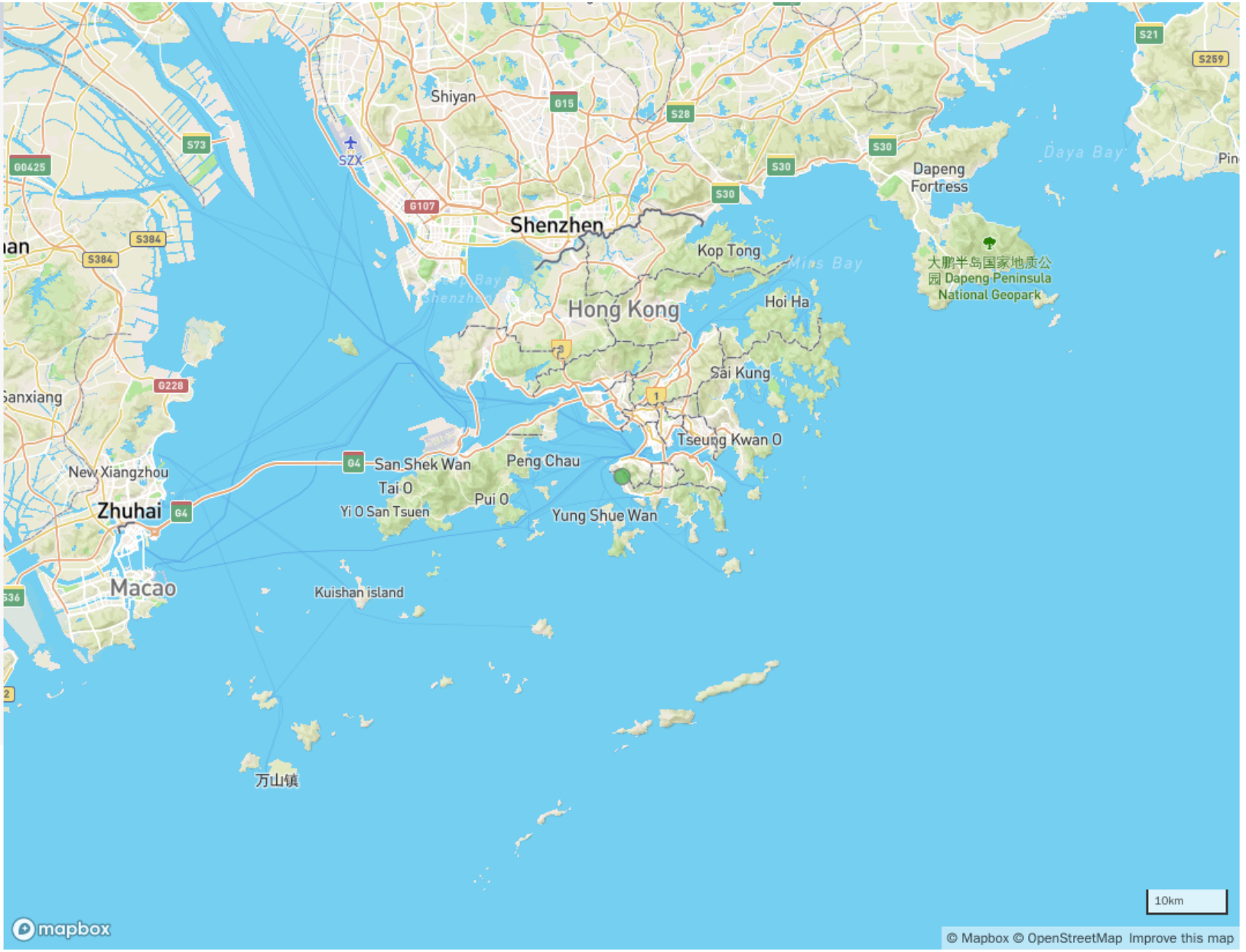
- Domestic species
- Wild species
- Domestic & Wild

OUTBREAKS STATUS

- Outbreak currently reported
- Ongoing outbreak
- Resolved outbreak

AGGREGATION REPRESENTATION

- < 20 outbreaks — 11
- 20 - 100 outbreaks — 50
- > 100 outbreaks — 120



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