Follow-up report 8 (Final report)

29/01/2021

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

Sender	Country/territory	Report ID
Delegate of Hong Kong	Hong Kong	FUR_37894
Report reference	Event status	Self-declaration
20-17208	Resolved	No

General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 23/11/2020
Animal type - Terrestrial	Confirmed on - 25/11/2020	Causal agent - SARS-CoV-2
Ended on - 08/01/2021	Disease category - Emerging	Reported on - 29/01/2021
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 commentsSerology result of one of the resolved cases (a dog located in the airport) was subsequently confirmed to be positive. No new case has been detected since previous Follow Up Report. Mammalian pets with potential exposure to human cases will be collected for testing of SARS-CoV-2 as appropriate.

Control measures at event level

Domestic control measures

Applied
- Screening
- Traceability
- Quarantine
- Disinfection

Wild control measures

Applied
- Traceability
- Disinfection
- 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 polymerase chain	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory, Agriculture Fisheries	Cats		04/12/2020		Positive

reaction (rRT-PCR)			and Conservation Department					
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	School of Public Health, The University of Hong Kong	Cats		04/12/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory, Agriculture Fisheries and Conservation Department	Cats		10/12/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory, Agriculture Fisheries and Conservation Department	Dogs		15/12/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory, Agriculture Fisheries and Conservation Department	Dogs		16/12/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory, Agriculture Fisheries and Conservation Department	Dogs		17/12/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory, Agriculture Fisheries and Conservation Department	Dogs		18/12/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	School of Public Health, The University of Hong Kong	Dogs		15/12/2020		Positive
Real-time reverse	Nucleic acid detection	Laboratory Test	School of Public	Dogs		16/12/2020		Positive

transcription polymerase chain reaction (rRT-PCR)			Health, The University of Hong Kong					
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	School of Public Health, The University of Hong Kong	Dogs		17/12/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	School of Public Health, The University of Hong Kong	Dogs		18/12/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory, Agriculture Fisheries and Conservation Department	Dogs		23/11/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	School of Public Health, The University of Hong Kong	Dogs		25/11/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Tai Lung Veterinary Laboratory, Agriculture Fisheries and Conservation Department	Cats		04/01/2021		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	School of Public Health, The University of Hong Kong	Cats		04/01/2021		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	3	2	0	0	0	-	66.67	0.0
Dogs	New	-	-	-	-	-	-	-	-

Dogs	Total	18	4	0	0	0	-	22.22	0.0
All species	New	-	-	-	-	-	-	-	-
All species	Total	21	6	0	0	0	-	28.57	0.0

Event morbidity - 1.0

Event mortality - 0.0

Outbreaks

1000141380-Airport

Outbreak reference - 20-16701-14, 16906

Started on - 12/12/2020

First administrative division - Islands

Ended on - 24/12/2020

Epidemiological unit - Other

Geographic coordinates - 22.308046,113.91848

Location - Airport

Description of the affected populationA dog exposed to 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
Dogs	New	Animal	-	-	-	-	-	-
Dogs	Total	Animal	14	1	0	0	0	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	14	1	0	0	0	-

1000141381-Jordan

Outbreak reference - 20-16804

Started on - 14/12/2020

First administrative division - Yau Tsim Mong

Ended on - 29/12/2020

Epidemiological unit - Other

Geographic coordinates - 22.30551,114.16918

Location - Jordan

Description of the affected populationA dog kept in the same household as a contact of 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
Dogs	New	Animal	-	-	-	-	-	-
Dogs	Total	Animal	1	1	0	0	0	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	1	1	0	0	0	-

1000142691-Lam Tin

Outbreak reference - 20-17656-4

Started on - 30/12/2020

First administrative division - Kwun Tong

Ended on - 08/01/2021

Epidemiological unit - Other

Geographic coordinates - 22.30566,114.23499

Location - Lam Tin

Description of the affected populationA cat kept in the same household as a contact of 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	-

1000140507-Tung Chung

Outbreak reference - 20-16221

Started on - 15/12/2020

First administrative division - Islands

Ended on - 24/12/2020

Epidemiological unit - Other

Geographic coordinates - 22.28783,113.94243

Location - Tung Chung

Description of the affected populationA cat kept in the same household as a contact of 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	2	1	0	0	0	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	2	1	0	0	0	-

1000141430-Sham Tseng

Outbreak reference - 20-16928

Started on - 15/12/2020

First administrative division - Tsuen Wan

Ended on - 30/12/2020

Epidemiological unit - Other

Geographic coordinates - 22.362896,114.052077

Location - Sham Tseng

Description of the affected populationA dog kept in the same household as a contact of 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
Dogs	New	Animal	-	-	-	-	-	-
Dogs	Total	Animal	1	1	0	0	0	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	1	1	0	0	0	-

1000140921-Tsuen Wan

Outbreak reference - 20-15703

Started on - 23/11/2020

First administrative division - Tsuen Wan

Ended on - 05/12/2020

Epidemiological unit - Other

Geographic coordinates - 22.37173,114.11329

Location - Tsuen Wan

Description of the affected populationA dog kept in the same household as a contact of 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
Dogs	New	Animal	-	-	-	-	-	-
Dogs	Total	Animal	2	1	0	0	0	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	2	1	0	0	0	-

Map legend

OUTBREAKS REPRESENTATION ON MAP

OUTBREAKS NATURE

Single / Cluster

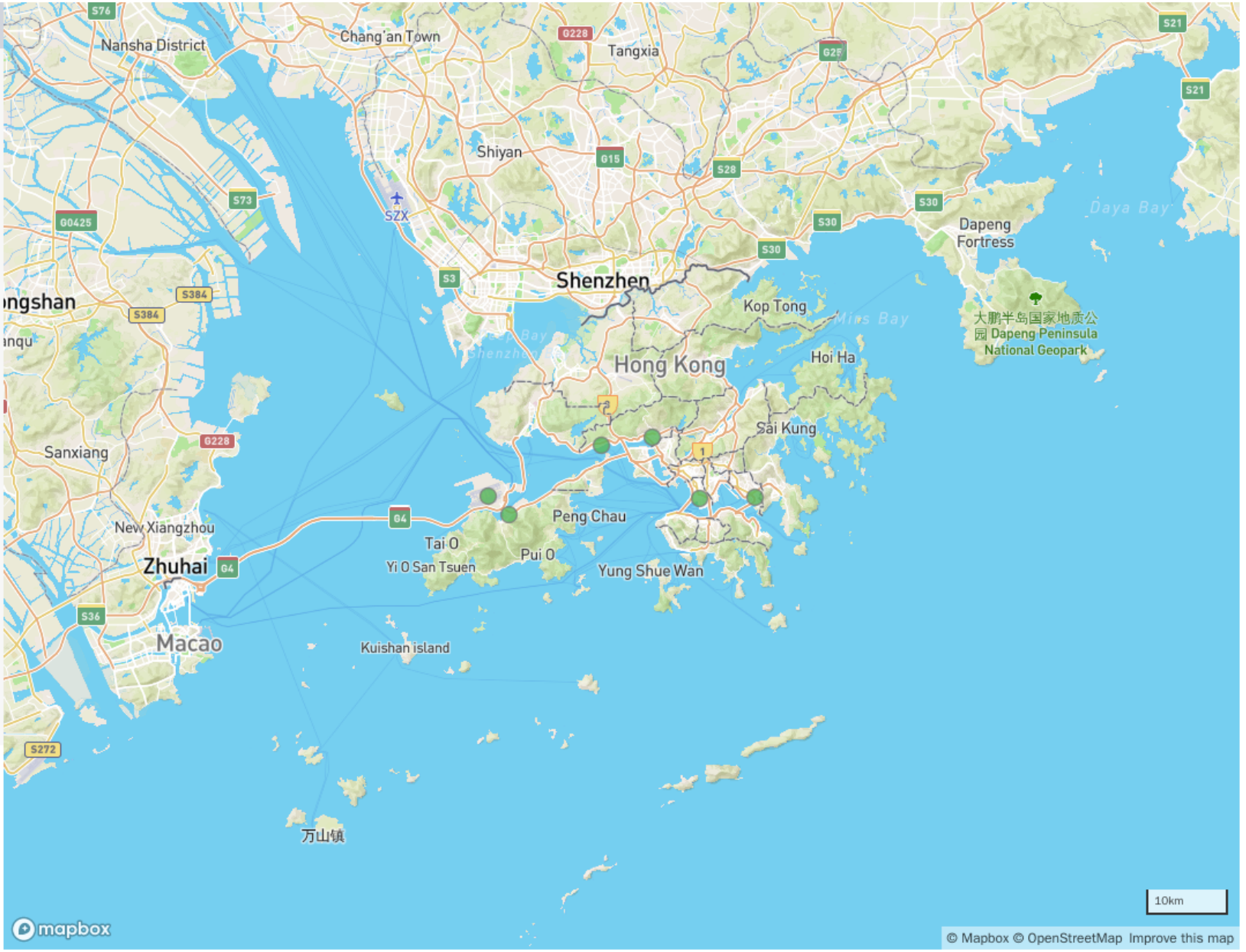
- Domestic species
- Wild species
- Domestic & Wild

OUTBREAKS STATUS

- Outbreak currently reported
- Ongoing outbreak
- Resolved outbreak

AGGREGATION REPRESENTATION

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



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.