

Immediate notification

29/02/2020

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

| | | |
|-----------------------|-------------------|------------------|
| Sender | Country/territory | Report ID |
| Delegate of Hong Kong | Hong Kong | IN_33455 |
| Report reference | Event status | Self-declaration |
| 20-02756 | On-going | No |

General information

| | | |
|-----------------------------|---|---------------------------|
| Country or zone - Country | Disease - SARS-CoV-2 in animals (Inf. with) | Started on - 26/02/2020 |
| Animal type - Terrestrial | Confirmed on - 28/02/2020 | Causal agent - SARS-CoV-2 |
| Disease category - Emerging | Reported on - 29/02/2020 | 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 - Unknown or inconclusive

Epidemiological comments The dog was placed under quarantine on 26 February 2020 after its owner was hospitalised due to COVID-19 infection. Following veterinary examination nasal, oral, rectal swabs as well as faeces were taken after the dog's admission to the quarantine facility. Nasal and oral samples tested positive for SARS-CoV-2. The dog has not exhibited any specific clinical signs. Additional samples taken on 28 February also tested positive. 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 households with confirmed human cases of COVID-19 will 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
 - Quarantine
 - Screening

Wild control measures

- Applied
- Traceability
 - Quarantine
 - Disinfection
 - 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 | Nucleic acid | Laboratory | Tai Lung | Dogs | | 27/02/2020 | | Positive |

| | | | | | | | | |
|---|------------------------|-----------------|---|------|--|------------|--|----------|
| reverse transcription polymerase chain reaction (rRT-PCR) | detection | Test | Veterinary Laboratory | | | | | |
| Real-time reverse transcription polymerase chain reaction (rRT-PCR) | Nucleic acid detection | Laboratory Test | Department of Microbiology, University de Hong Kong | Dogs | | 27/02/2020 | | Positive |
| Real-time reverse transcription polymerase chain reaction (rRT-PCR) | Nucleic acid detection | Laboratory Test | Tai Lung Veterinary Laboratory | Dogs | | 28/02/2020 | | 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 | 1 | 0 | 0 | 0 | - | - | - |
| Dogs | 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

1000127425-Tai Hang

Started on - 26/02/2020

First administrative division - Wan Chai

Ended on - 13/03/2020

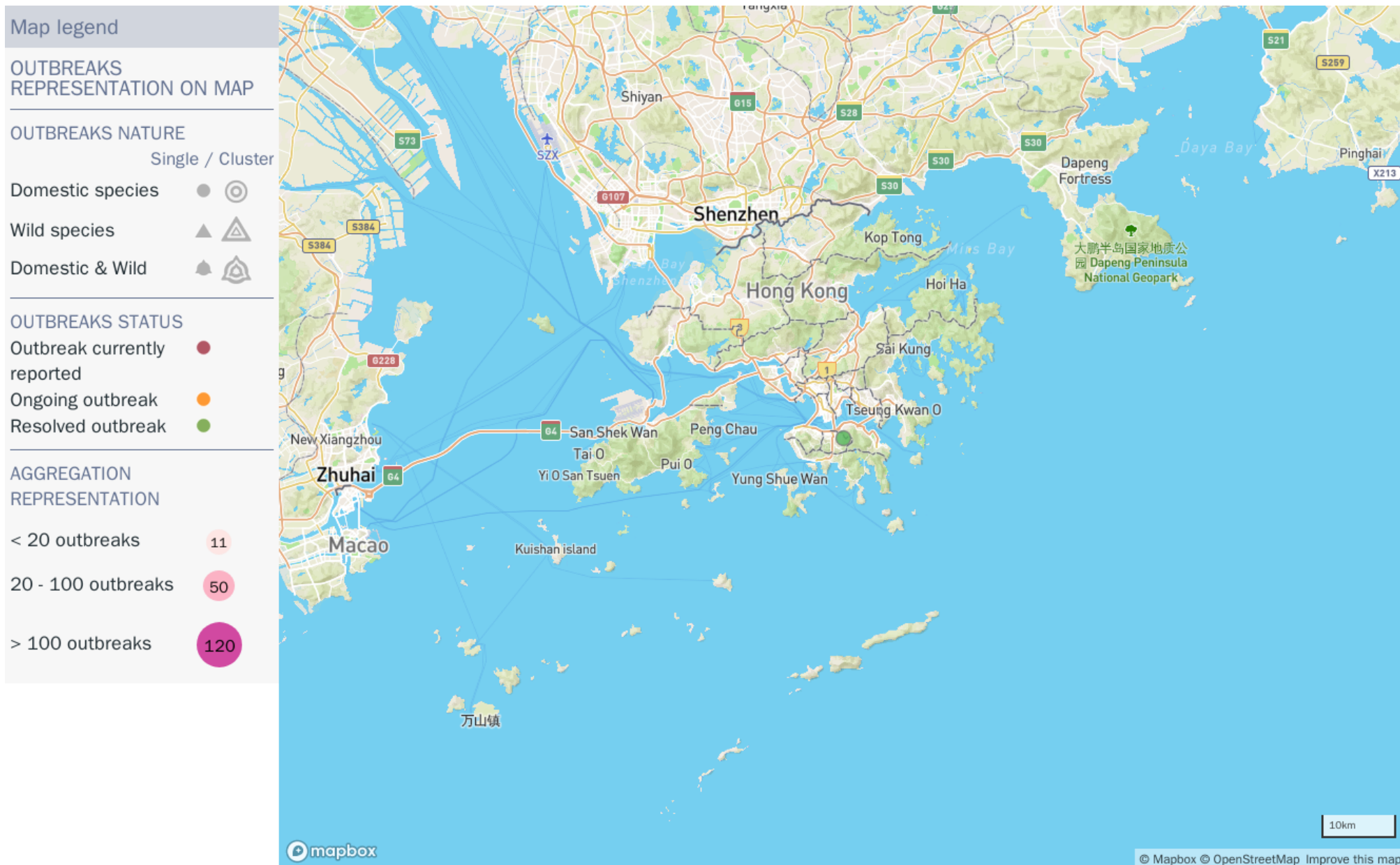
Epidemiological unit - Other

Geographic coordinates -
22.2752,114.1937

Location - Tai Hang

Description of the affected population A dog 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 |
|-------------|-------|----------------|-------------|-------|--------|------------------------|-------------|------------|
| Dogs | New | Animal | 1 | 1 | 0 | 0 | 0 | - |
| Dogs | 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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