

Immediate notification

25/09/2020

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

| | | |
|-------------------|-------------------|-----------|
| Sender | Country/territory | Report ID |
| Delegate of Japan | Japan | IN_35864 |
| Event status | Self-declaration | |
| On-going | No | |

General information

| | | |
|-----------------------------|---|---------------------------|
| Country or zone - Country | Disease - SARS-CoV-2 in animals (Inf. with) | Started on - 26/07/2020 |
| Animal type - Terrestrial | Confirmed on - 03/08/2020 | Causal agent - SARS-CoV-2 |
| Disease category - Emerging | Reported on - 25/09/2020 | Reason - Emerging disease |

Disease impact

| | |
|--------------------------|---|
| Outbreak morbidity - 1.0 | Outbreak mortality - 0.0 |
| Zoonotic potential - Yes | Zoonotic potential description - Zoonotic potential currently unknown |

Epidemiology

Source of the event or origin of the infection - Suspected human to animal transmission

Epidemiological comments Outbreak 1, 2 and 3 Since April 2020, a private company in Japan has been running a voluntary service to take care of companion animals owned by COVID-19 patients while the owners are in hospital or isolation. From late July to early August, the dogs were entrusted to the private company by their owners who were to be hospitalized due to COVID-19. Nasal and throat swabs were taken from the dogs at the quarantine facility owned by the private company. Samples were tested positive for SARS-CoV2 by the tests conducted by the National Laboratory in Tokyo. The dogs were returned to the owners after negative results have been confirmed. The dogs were placed under quarantine until negative results were confirmed. Note: Outbreak 1 and 2 have already been reported to the OIE by the delegate letter dated on 7th August, 2020. Outbreak 4 The dog was temporarily transferred to the public facility on 12th August after its owner was hospitalized due to COVID-19. Nasal and oral swabs were taken from the dog at the public facility. Samples were tested positive for SARS-CoV2 by the tests conducted by the National Laboratory in Tokyo. The dog was placed under quarantine for sufficient time. None of these 4 dogs have exhibited any clinical signs. Note that the location of the outbreaks used in this report is that of MAFF to protect any data relating to human cases.

Control measures at event level

Domestic control measures

Applied

- Quarantine
- Traceability
- Disinfection

Wild control measures

Applied

- Disinfection
- Traceability
- 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 polymerase chain reaction (rRT-PCR) | Nucleic acid detection | Laboratory Test | the National Institute for Infectious Diseases | Dogs | | 10/08/2020 | | Positive |
| Real-time reverse transcription polymerase chain reaction (rRT-PCR) | Nucleic acid detection | Laboratory Test | the National Institute for Infectious Diseases | Dogs | | 02/08/2020 | | Positive |
| Real-time reverse transcription polymerase chain reaction (rRT-PCR) | Nucleic acid detection | Laboratory Test | the National Institute for Infectious Diseases | Dogs | | 30/07/2020 | | Positive |
| Reverse transcription-polymerase chain reaction (RT-PCR) | Nucleic acid detection | Laboratory Test | the National Institute for Infectious Diseases | Dogs | | 14/08/2020 | | Positive |
| Gene sequencing | Genotyping | Laboratory Test | the National Institute for Infectious Diseases | Dogs | | 18/08/2020 | | Positive |
| Gene sequencing | Genotyping | Laboratory Test | the National Institute for Infectious Diseases | Dogs | | 07/08/2020 | | Positive |
| Gene sequencing | Genotyping | Laboratory Test | the National Institute for Infectious Diseases | Dogs | | 03/08/2020 | | Positive |
| Virus neutralisation tests (Ab VNT) | Antibody detection tests | Laboratory Test | The Institute of Medical Science, The University of Tokyo | Dogs | | 31/08/2020 | | Positive |
| Virus neutralisation tests (Ab VNT) | Antibody detection tests | Laboratory Test | the National Institute for Infectious Diseases | Dogs | | 25/08/2020 | | Positive |
| Virus neutralisation tests (Ab VNT) | Antibody detection tests | Laboratory Test | the National Institute for Infectious Diseases | Dogs | | 16/09/2020 | | Positive |
| Virus neutralisation tests (Ab VNT) | Antibody detection tests | Laboratory Test | the National Institute for Infectious Diseases | Dogs | | 16/09/2020 | | Positive |
| Enzyme-linked immunosorbent assay (ELISA) | Antibody detection tests | Laboratory Test | The Institute of Medical Science, The University of | Dogs | | 31/08/2020 | | Positive |

| | | | | | | | | |
|--|--|--|-------|--|--|--|--|--|
| | | | Tokyo | | | | | |
|--|--|--|-------|--|--|--|--|--|

Quantitative data summary

Measuring unit - Animal

| Species | Type | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccinated | Outbreak morbidity | Outbreak mortality |
|-------------|-------|-------------|-------|--------|------------------------|-------------|------------|--------------------|--------------------|
| Dogs | New | 5 | 4 | 0 | 0 | 0 | - | - | - |
| Dogs | Total | 5 | 4 | 0 | 0 | 0 | - | 80.0 | 0.0 |
| All species | New | 5 | 4 | 0 | 0 | 0 | - | - | - |
| All species | Total | 5 | 4 | 0 | 0 | 0 | - | 80.0 | 0.0 |

Event morbidity - 1.0

Event mortality - 0.0

Outbreaks

1000136984-Tokyo

Started on - 26/07/2020

First administrative division - Tokyo

Ended on - 30/07/2020

Second administrative division - Chiyoda

Epidemiological unit - Not applicable

Geographic coordinates -
35.673767,139.751694

Location - Tokyo

Description of the affected populationone domestic dog

| 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 | - |

1000136985-Tokyo

Started on - 31/07/2020

First administrative division - Tokyo

Ended on - 10/08/2020

Second administrative division - Chiyoda

Epidemiological unit - Not applicable

Geographic coordinates -
35.673767,139.751694

Location - Tokyo

Description of the affected populationone domestic dog

| Species | Type | Measuring unit | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccinated |
|-------------|-------|----------------|-------------|-------|--------|------------------------|-------------|------------|
| Dogs | New | Animal | 2 | 1 | 0 | 0 | 0 | - |
| Dogs | Total | Animal | 2 | 1 | 0 | 0 | 0 | - |
| All species | New | Animal | 2 | 1 | 0 | 0 | 0 | - |
| All species | Total | Animal | 2 | 1 | 0 | 0 | 0 | - |

1000136986-Tokyo

Started on - 07/08/2020

First administrative division - Tokyo

Ended on - 21/08/2020

Second administrative division - Chiyoda

Epidemiological unit - Not applicable

Geographic coordinates -
35.673767,139.751694

Location - Tokyo

Description of the affected populationone domestic dog

| 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 | - |

1000136987-Tokyo

Started on - 12/08/2020

First administrative division - Tokyo

Ended on - 24/08/2020

Second administrative division - Chiyoda

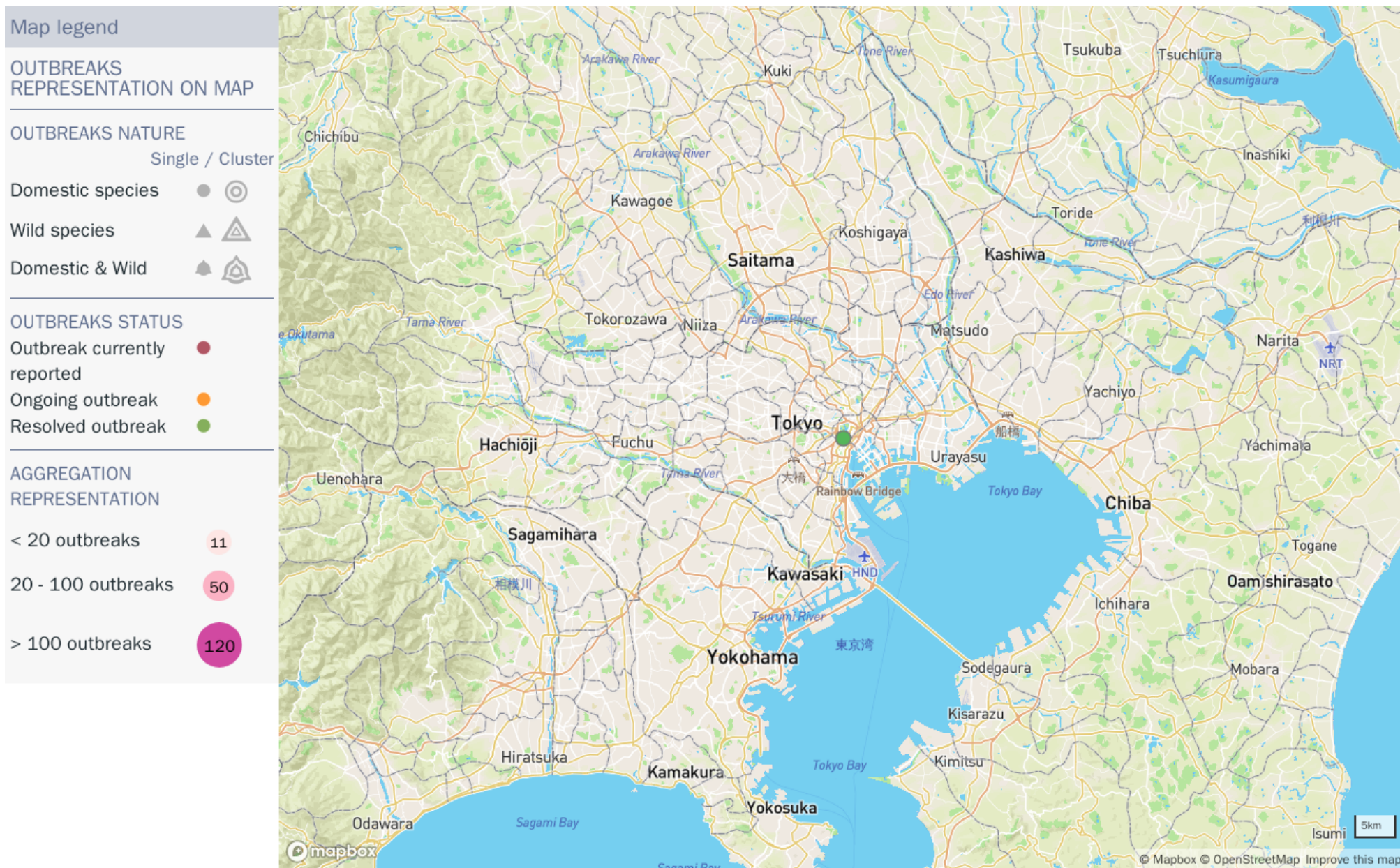
Epidemiological unit - Not applicable

Geographic coordinates -
35.673767,139.751694

Location - Tokyo

Description of the affected populationone domestic dog

| 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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