

Follow-up report 2

31/03/2021

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

Sender	Country/territory	Report ID
Delegate of Japan	Japan	FUR_149311
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 - 31/03/2021	Reason - Emerging disease

Disease impact

Outbreak morbidity - 90.0	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 commentson 13th january, the cats 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 cats at the quarantine facility owned by the private company. samples were tested positive for sars-cov2 by the tests conducted by the private laboratory and the national laboratory. the cats were returned to the owners after negative results have been confirmed. the cats were placed under quarantine until negative results were confirmed.

Control measures at event level

Domestic control measures

Applied

- Traceability
- Quarantine
- Disinfection

Wild control measures

Applied

- Disinfection
- Quarantine
- Traceability

Diagnostic

Clinical signs - No

Method of diagnostic - Diagnostic test

Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until	Result
RT-PCR, DNA sequencing	Nucleic acid detection	Laboratory Test	Anicom Specialty Medical Institute Inc.	Cats	2	13/01/2021		Positive

			Private Laboratory					
RT-PCR, DNA sequencing	Nucleic acid detection	Laboratory Test	the National Institute for Infectious Diseases National Laboratory	Cats	2	16/01/2021		Positive
RT-PCR, DNA sequencing	Nucleic acid detection	Laboratory Test	Anicom Specialty Medical Institute Inc. Private Laboratory	Cats	1	30/01/2021		Positive
RT-PCR, DNA sequencing	Nucleic acid detection	Laboratory Test	the National Institute for Infectious Diseases National Laboratory	Cats	1	31/01/2021		Positive
Virus neutralisation test	Immunological methods for antigen or protein detection	Laboratory Test		Cats	1	02/02/2021		Positive
Virus neutralisation test	Immunological methods for antigen or protein detection	Laboratory Test	the National Institute for Infectious Diseases National Laboratory	Cats	1	05/02/2021		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	the National Institute for Infectious Diseases	Cats		14/09/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Anicom Specialty Medical Institute Inc.	Cats		12/09/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	the National Institute for Infectious Diseases	Cats		14/09/2020		Positive
Real-time reverse transcription	Nucleic acid detection	Laboratory Test	Anicom Specialty Medical	Cats		12/09/2020		Positive

polymerase chain reaction (rRT-PCR)			Institute Inc.					
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 Tokyo	Dogs		31/08/2020		Positive

Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Cats	New	3	3	0	0	0	0	-	-
Cats	Total	5	5	0	0	0	0	100.0	0.0
Dogs	New	-	-	-	-	-	-	-	-
Dogs	Total	5	4	0	0	0	-	80.0	0.0
All species	New	3	3	0	0	0	0	-	-
All species	Total	10	9	0	0	0	0	90.0	0.0

Event morbidity - 90.0

Event mortality - 0.0

Morbidity range - 100-100

Mortality range - 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	-	-	-	-	-	-
Dogs	Total	Animal	1	1	0	0	0	-
All species	New	Animal	-	-	-	-	-	-
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	-	-	-	-	-	-
Dogs	Total	Animal	2	1	0	0	0	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	2	1	0	0	0	-

1000138942-Tokyo

Started on - 12/09/2020

First administrative division - Tokyo

Ended on - 23/09/2020

Second administrative division - Chiyoda

Epidemiological unit - Not applicable

Geographic coordinates -
35.673767,139.751694

Location - Tokyo

Description of the affected populationtwo domestic cats

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

ob_83291-Tokyo

Started on - 13/01/2021

First administrative division - Tokyo

Ended on - 09/02/2021

Second administrative division - Chiyoda

Epidemiological unit - Not applicable

Geographic coordinates -
35.673767,139.751694

Location - Tokyo

Description of the affected populationOn 13th January, the cats 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 cats at the quarantine facility owned by the private company. samples were tested positive for sars-cov-2 by the tests conducted by the private laboratory and the national laboratory. the cats were returned to the owners after negative results have been confirmed. the cats were placed under quarantine until negative results were confirmed.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Cats	New	Animal	3	3	0	0	0	0
Cats	Total	Animal	3	3	0	0	0	0
All species	New	Animal	3	3	0	0	0	0
All species	Total	Animal	3	3	0	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	-	-	-	-	-	-
Dogs	Total	Animal	1	1	0	0	0	-
All species	New	Animal	-	-	-	-	-	-
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

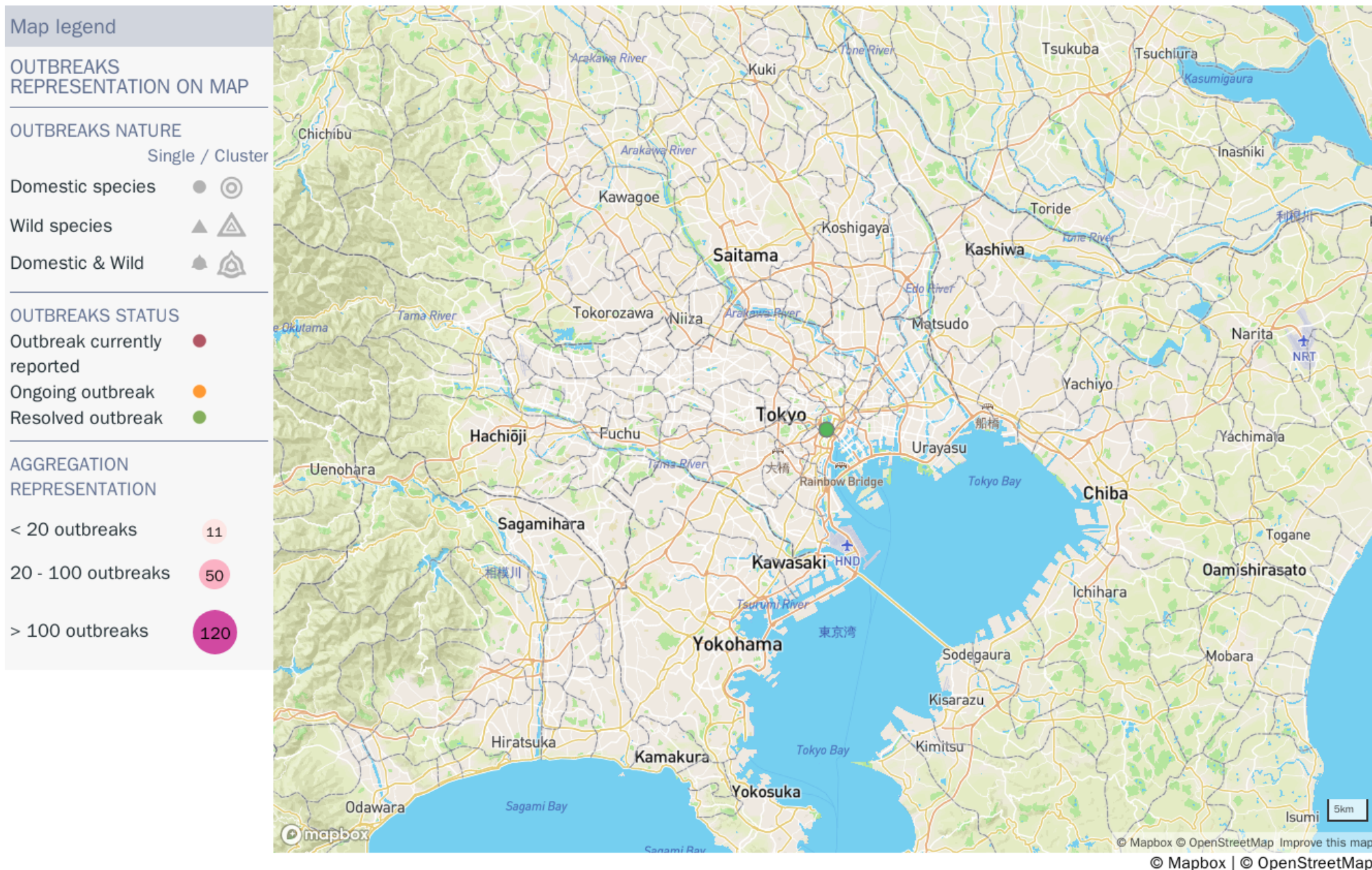
Epidemiological unit - Not applicable

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	-	-	-	-	-	-
Dogs	Total	Animal	1	1	0	0	0	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	1	1	0	0	0	-



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