

## Immediate notification

25/05/2021

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

Sender	Country/territory	Report ID
Delegate of Uruguay	Uruguay	IN_149970
Report reference	Event status	Self-declaration
SARS-Cov-2 URU	On-going	No

### General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 17/02/2020
Animal type - Terrestrial	Confirmed on - 01/02/2021	Causal agent - SARS-CoV-2
Disease category - Emerging	Reported on - 25/05/2021	Reason - Emerging disease

### Disease impact

Outbreak morbidity - 50.0	Outbreak mortality - 0.0
Zoonotic potential - Yes	

### Epidemiology

Source of the event or origin of the infection - Contact with ill humans.

Epidemiological comments On may 14th of this year, a research team from the University of the Republic notified the official services of the detection of SARS-COV-2 in pet samples. The work was carried out in the framework of a CSIC project "Specialised knowledge to face the emergency posed by COVID-19 and its impacts", led by Dr. Alejandro Benech (Faculty of Veterinary Medicine) and Dr. Yanina Panzera (Faculty of Science) and with the participation of virologists from the Faculty of Science (Dr. Santiago Mirazo). Both samples from both animals were diagnosed by qPCR during January and February 2021. The qPCR testing was all performed in duplicate, with internal controls and both negative and blank qPCR controls. After receiving the notification of the positive test, the owners followed the quarantine, hygiene, and disinfection instructions recommended to them by their health care providers.

### Control measures at event level

#### Domestic control measures

- Applied
- Quarantine
  - Disinfection

#### Wild control measures

### Diagnostic

Clinical signs - No Method of diagnostic - Diagnostic test

Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until	Result
Reverse transcription-polymerase chain reaction (RT-PCR)	Nucleic acid detection	Laboratory Test		Cats/Dogs	2	17/12/2020	03/05/2021	Positive

### Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Cats	New	2	1	0	0	0	0	-	-
Cats	Total	2	1	0	0	0	0	50.0	0.0
Dogs	New	2	1	0	0	0	0	-	-
Dogs	Total	2	1	0	0	0	0	50.0	0.0
All species	New	4	2	0	0	0	0	-	-
All species	Total	4	2	0	0	0	0	50.0	0.0

Event morbidity - 50.0

Event mortality - 0.0

Morbidity range - 50-50

Mortality range - 0-0

## Outbreaks

### ob\_85935-MONTEVIDEO

Outbreak reference - sars-cov-2

Started on - 22/12/2020

First administrative division - Montevideo

Ended on - 22/02/2021

Second administrative division - n.a354

Epidemiological unit - Other

Geographic coordinates -  
-34.8685,-56.146

Location - MONTEVIDEO

Description of the affected population Canine, male, 3-years-old. He had no clinical signs at the time of sample collection and for the following 15 days. Samples were obtained from the nasopharynx and rectum on 22 December 2020 (the positive sample was from the nasopharynx), after the owner tested positive for SARS-COV-2 on 7 December. The owner who tested positive and presented fever and headache, and the wife who tested negative for SARS-COV-2, live in the house. A 5-year-old female Uruguayan Cimarron dog who tested negative for SARS-COV-2 qPCR is also living in the house.

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

### ob\_85934-MONTEVIDEO

Outbreak reference - sars-cov-2 felino

Started on - 17/02/2020

First administrative division - Montevideo

Ended on - 17/02/2021

Second administrative division - n.a354

Epidemiological unit - Other

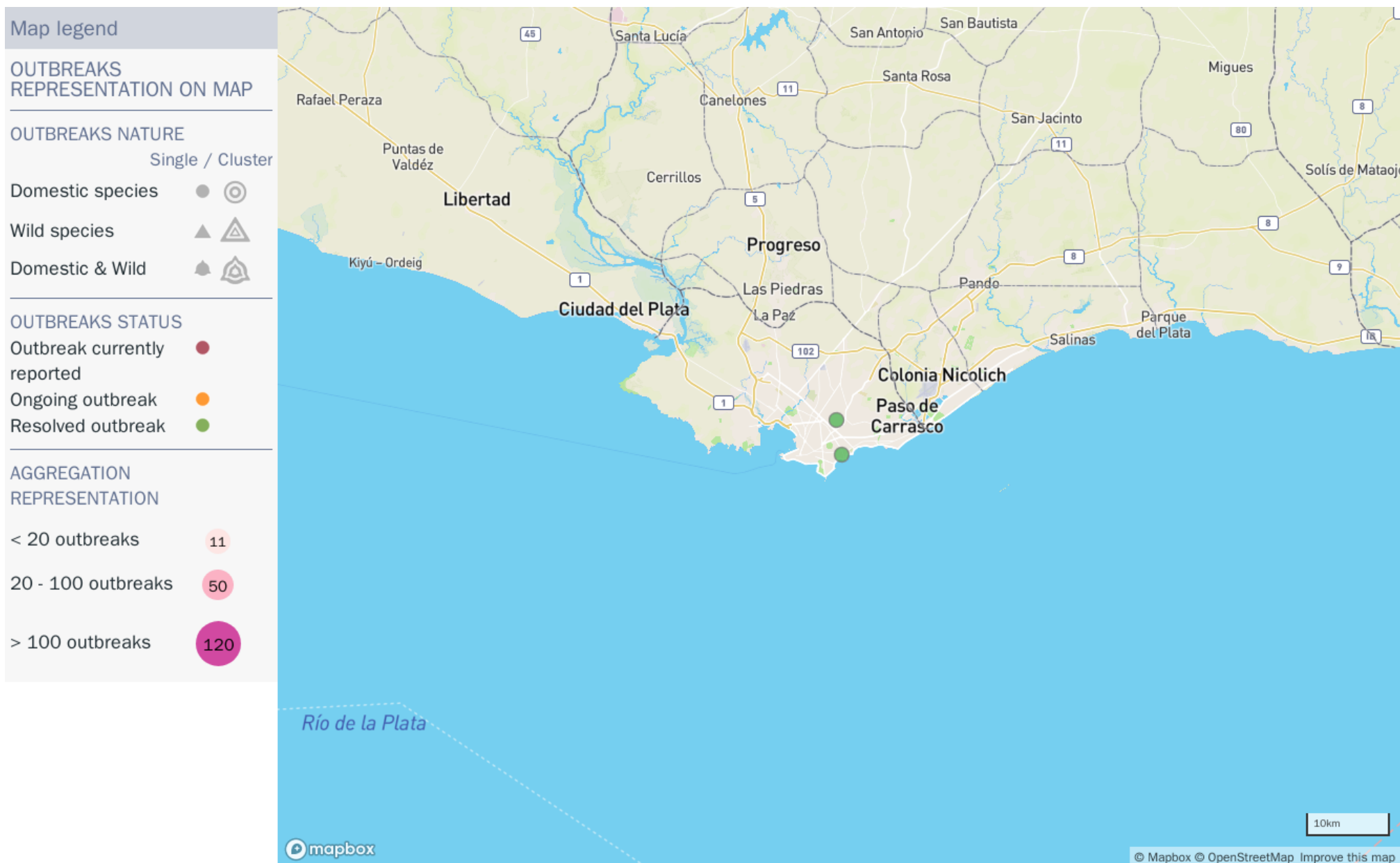
Geographic coordinates -  
-34.9052,-56.139

Approximate location - Yes

Location - MONTEVIDEO

Description of the affected population felino, macho de 1 año de edad, castrado. No presentaba signos clínicos al momento de la toma de muestras ni en los 15 días siguientes. Las muestras se obtuvieron de nasofaringe y recto el 17 de diciembre de 2020 (la muestra positiva fue la de la nasofaringe), luego de que el propietario resultara positivo a SARS-Cov-2 el 12 de diciembre. El propietario vive solo, presentó fiebre pasajera con anosmia a las 24 hs. También presentó fatiga y cefalea en los días siguientes. Junto al felino positivo, vive una gata de 1 años que resultó negativa al qPCR de SARS-Cov-2.

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



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