

## Follow-up report 1 (Final report)

07/06/2021

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

|                      |                   |                  |
|----------------------|-------------------|------------------|
| Sender               | Country/territory | Report ID        |
| Delegate of Uruguay  | Uruguay           | FUR_150216       |
| Report reference     | Event status      | Self-declaration |
| informe de seguimien | Resolved          | 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 |
| Ended on - 22/02/2021     | Disease category - Emerging                 | Reported on - 07/06/2021  |
| Reason - Emerging disease |   |                           |

### Disease impact

|                           |  |
|---------------------------|--|
| Outbreak morbidity - 50.0 | Outbreak mortality - 0.0   |
| Zoonotic potential - Yes  | Zoonotic potential description - the faculty of science is working on sequencing, pcr-multiplex with artic-v3 was performed to obtain the complete genome and this gave a positive result. |

### Epidemiology

Source of the event or origin of the infection - contacto con humanos enfermos

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  | 03/04/2021   | 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 | 2           | 1     | 0      | 0                      | 0           | 0          | 50.0               | 0.0                |
| Dogs        | New   | -           | -     | -      | -                      | -           | -          | -                  | -                  |
| Dogs        | Total | 2           | 1     | 0      | 0                      | 0           | 0          | 50.0               | 0.0                |
| All species | New   | -           | -     | -      | -                      | -           | -          | -                  | -                  |
| 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         | -           | -     | -      | -                      | -           | -          |
| Dogs        | Total | Animal         | 2           | 1     | 0      | 0                      | 0           | 0          |
| All species | New   | Animal         | -           | -     | -      | -                      | -           | -          |
| 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 Feline, male, 1 year old, neutered. 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 17 December 2020 (the positive sample was from the nasopharynx), after the owner tested positive for SARS-COV-2 on 12 December. The owner lives alone and presented transient fever with anosmia after 24 hours. He also developed fatigue and headache in the following days. The felines tested positive lives with a 1-year-old female cat that tested negative for SARS-COV-2 qPCR.

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

|             |       |        |   |   |   |   |   |   |
|-------------|-------|--------|---|---|---|---|---|---|
| All species | New   | Animal | - | - | - | - | - | - |
| All species | Total | Animal | 2 | 1 | 0 | 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

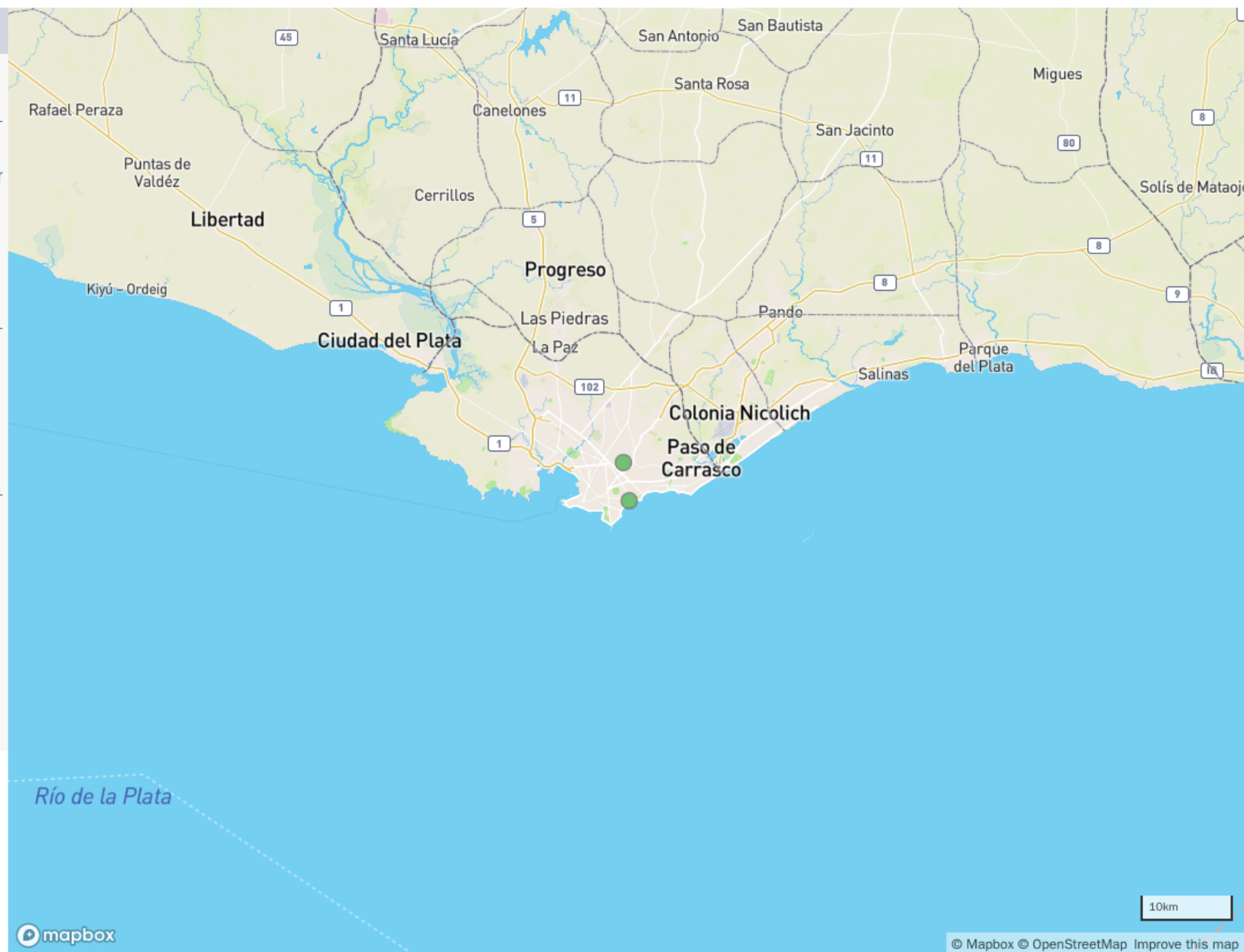
< 20 outbreaks



20 - 100 outbreaks



> 100 outbreaks



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