

Immediate notification

11/01/2022

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

Sender	Country/territory	Report ID
Delegate of Argentina	Argentina	IN_153173
Report reference	Event status	Self-declaration
SARS-CoV2 Animales	On-going	No

General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 07/12/2020
Animal type - Terrestrial	Confirmed on - 25/02/2021	Causal agent - SARS-CoV-2
Disease category - Emerging	Reported on - 11/01/2022	Reason - Emerging disease

Disease impact

Outbreak morbidity - 50.0	Outbreak mortality - 0.0
Zoonotic potential - No	

Epidemiology

- Source of the event or origin of the infection
- Contact with a person confirmed positive for COVID-19
 - Unknown or inconclusive

Epidemiological comments Analysis is being carried out within the framework of research developed by projects financed by the national agency for the promotion of research, technological development and innovation carried out under the aegis of the coronavirus unit of the MINCYT-AGENCIA-CONICET. This project performs diagnosis of companion animals living with people affected by COVID-19.

Control measures at event level

Domestic control measures

- Applied
- Disinfection
 - Quarantine

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
Real-time polymerase chain reaction (real-time PCR)	Nucleic acid detection	Laboratory Test	Centro de Análisis Moleculares y Metabólicos Laboratorio Provincial de Referencia para Virus respiratorios y COVID-19 Ministerio de Salud. Santiago del Estero Local Laboratory	Tiger	1	09/06/2021	28/06/2021
Reverse transcription-polymerase	Nucleic acid detection	Laboratory Test	Facultad de Ciencias Veterinarias de Universidad Nacional	Cats/Dogs	3	07/12/2020	29/06/2021

chain reaction (RT-PCR)			de La Plata Local Laboratory				
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Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Cats	New	5	2	0	0	0	0	-	-
Cats	Total	5	2	0	0	0	0	40.0	0.0
Tiger (Panthera tigris):Felidae- Carnivora	New	1	1	0	0	0	0	-	-
Tiger (Panthera tigris):Felidae- Carnivora	Total	1	1	0	0	0	0	100.0	0.0
Dogs	New	22	11	0	0	0	0	-	-
Dogs	Total	22	11	0	0	0	0	50.0	0.0
All species	New	28	14	0	0	0	0	-	-
All species	Total	28	14	0	0	0	0	50.0	0.0

Event morbidity - 50.0

Event mortality - 0.0

Morbidity range - 20-100

Mortality range - 0-0

Outbreaks

ob_94972-autonomous city of buenos aires

Outbreak reference - SARS-CoV2.CABA Started on - 28/04/2021

First administrative division - Ciudad de Buenos Aires

Second administrative division - Distrito Federal Epidemiological unit - Other

Geographic coordinates -
-34.641032,
-58.395487

Location - autonomous city of buenos aires

Description of the affected populationThe dog lives with two other dogs and two cats. Pharyngeal and rectal swabs were performed, and serum samples were also taken from all the animals. Analysis is being carried out within the framework of research developed by projects financed by the national agency for the promotion of research, technological development and innovation carried out under the aegis of the coronavirus unit of the MINCYT-AGENCIA-CONICET. This project performs diagnosis of companion animals living with people affected by COVID-19.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Dogs	New	Animal	5	1	0	0	0	0
Dogs	Total	Animal	5	1	0	0	0	0
All species	New	Animal	5	1	0	0	0	0
All species	Total	Animal	5	1	0	0	0	0

Outbreak name	Test	Result	Result date
ob_94972-autonomous city of buenos aires	Reverse transcription-polymerase chain reaction (RT-PCR)	Positive	29/06/2021

ob_94971-la plata, buenos aires

Outbreak reference - SARS-Cov2.Pcia.Bs.As

Started on - 29/03/2021

First administrative division - Buenos Aires

Second administrative division - La Plata

Epidemiological unit - Other

Geographic coordinates -
-34.92014,-57.9554

Approximate location - Yes

Location - la plata, buenos aires

Description of the affected population None of the positive cases live with other animals. Oro-pharyngeal and rectal swabs were performed. Analysis is being carried out within the framework of research developed by projects financed by the national agency for the promotion of research, technological development and innovation carried out under the aegis of the coronavirus unit of the MINCYT-AGENCIA-CONICET. This project performs diagnosis of companion animals living with people affected by COVID-19.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Dogs	New	Animal	2	2	0	0	0	0
Dogs	Total	Animal	2	2	0	0	0	0
Cats	New	Animal	1	1	0	0	0	0
Cats	Total	Animal	1	1	0	0	0	0
All species	New	Animal	3	3	0	0	0	0
All species	Total	Animal	3	3	0	0	0	0

Outbreak name	Test	Result	Result date
ob_94971-la plata, buenos aires	Reverse transcription-polymerase chain reaction (RT-PCR)	Positive	04/05/2021

ob_94973-resistance chaco

Outbreak reference - SARS-CoV2.Pcia.Chaco

Started on - 07/12/2020

First administrative division - Chaco

Second administrative division - San Fernando

Epidemiological unit - Other

Geographic coordinates -
-27.5,-59.0

Approximate location - Yes

Location - resistance chaco

Description of the affected population An oro-pharyngeal swab was performed. Analysis is being carried out within the framework of research developed by projects financed by the national agency for the promotion of research, technological development and innovation carried out under the aegis of the coronavirus unit of the MINCYT-AGENCIA-CONICET. This project performs diagnosis of companion animals living with people affected by COVID-19.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Cats	New	Animal	4	1	0	0	0	0
Cats	Total	Animal	4	1	0	0	0	0
Dogs	New	Animal	15	8	0	0	0	0
Dogs	Total	Animal	15	8	0	0	0	0
All species	New	Animal	19	9	0	0	0	0
All species	Total	Animal	19	9	0	0	0	0

Outbreak name	Test	Result	Result date
ob_94973-resistance chaco	Reverse transcription-polymerase chain reaction (RT-PCR)	Positive	25/02/2021

ob_95014-city of cordoba

Outbreak reference - SARS-CoV2.Pcia.Cba.

Started on - 09/06/2021

First administrative division - Córdoba

Second administrative division - Santa María

Epidemiological unit - Zoo

Geographic coordinates - -31.39,-64.33

Approximate location - Yes

Location - city of cordoba

Description of the affected population White tiger, male, adult (ten years old approx.) living in the biodiversity park (rescue/zoological center) in the city of Cordoba. The animal presented cough as the only clinical symptom. The animal was in contact with a person with confirmed COVID-19. No contact with an animal confined due to COVID-19. A nasopharyngeal swab and a rectal swab were taken, as well as a blood sample to obtain a serum sample. The sample is sent to the laboratory of the University of Santiago del Estro for analysis. This university is one of the institutions where research is carried out in the framework of projects financed by the national agency for the promotion of research, technological development and innovation carried out under the aegis of the coronavirus unit of the MINCyT-AGENCIA-CONICET. This project performs diagnosis of companion animals living with people affected by COVID-19.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Tiger (Panthera tigris):Felidae-Carnivora	New	Animal	1	1	0	0	0	0
Tiger (Panthera tigris):Felidae-Carnivora	Total	Animal	1	1	0	0	0	0
All species	New	Animal	1	1	0	0	0	0
All species	Total	Animal	1	1	0	0	0	0

Outbreak name	Test	Result	Result date
ob_95014-city of cordoba	Real-time polymerase chain reaction (real-time PCR)	Positive	28/06/2021

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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