

## Follow-up report 5

04/08/2022

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

|                    |                   |            |
|--------------------|-------------------|------------|
| Sender             | Country/territory | Report ID  |
| Delegate of Mexico | Mexico            | FUR_156204 |
| Event status       | Self-declaration  |            |
| On-going           | No                |            |

### General information

|                             |   |                           |
|-----------------------------|---|---------------------------|
| Country or zone - Country   | Disease - SARS-CoV-2 in animals (Inf. with) | Started on - 14/08/2020   |
| Animal type - Terrestrial   | Confirmed on - 14/08/2020                   | Causal agent - SARS-CoV-2 |
| Disease category - Emerging | Reported on - 04/08/2022                    | Reason - Emerging disease |

### Disease impact

|                          |                          |
|--------------------------|--------------------------|
| Outbreak morbidity - 1.0 | Outbreak mortality - 0.0 |
| Zoonotic potential - No  |                          |

### Epidemiology

Source of the event or origin of the infection - contact with infected people

Epidemiological comments As a result of the recommendation issued by SENASICA since April 2020, urging the country's veterinarians and pet owners to follow the series of recommendations issued, it has been possible to prevent and detect possible cases of COVID-19 in animals exposed to infected people.

### Control measures at event level

#### Domestic control measures

Applied

- Disinfection
- Quarantine

#### Wild control measures

### Diagnostic

Clinical signs - Yes

Method of diagnostic - Diagnostic test

| Test name                          | Category                | Test type       | Laboratory  | Species sampled | Outbreaks | Tested from | Tested until |
|------------------------------------|-------------------------|-----------------|---|-----------------|-----------|-------------|--------------|
| Pathogen isolation on cell culture | Microbiological culture | Laboratory Test | Laboratorio de Bioseguridad Nivel 3 del SENASICA National Laboratory                      | Dogs            | 1         | 23/11/2020  | 23/11/2020   |
| Virus sequencing                   | Genotyping              | Laboratory Test | Centro Nacional de Servicios de Constatación en Salud Animal (CENAPA) National Laboratory | Dogs            | 1         | 23/11/2020  | 26/11/2020   |

|  |                        |                 |  |      |    |            |            |
|--|------------------------|-----------------|--|------|----|------------|------------|
| Reverse transcription-polymerase chain reaction (RT-PCR) | Nucleic acid detection | Laboratory Test | Laboratorio de Bioseguridad Nivel 3 del SENASICA National Laboratory | Dogs | 15 | 14/08/2020 | 15/07/2022 |
|--|------------------------|-----------------|--|------|----|------------|------------|

## Quantitative data summary

### Measuring unit - Animal

| Species     | Type  | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccinated | Outbreak morbidity | Outbreak mortality |
|-------------|-------|-------------|-------|--------|------------------------|-------------|------------|--------------------|--------------------|
| Cats        | New   | 9           | 9     | 2      | 0                      | 0           | 0          | -                  | -                  |
| Cats        | Total | 9           | 9     | 2      | 0                      | 0           | 0          | 100.0              | 22.22              |
| Dogs        | New   | 11          | 7     | 0      | 0                      | 0           | 0          | -                  | -                  |
| Dogs        | Total | 29          | 17    | 1      | 0                      | 0           | 0          | 58.62              | 3.45               |
| All species | New   | 20          | 16    | 2      | 0                      | 0           | 0          | -                  | -                  |
| All species | Total | 38          | 26    | 3      | 0                      | 0           | 0          | 68.42              | 7.89               |

Event morbidity - 1.0

Event mortality - 0.0

Morbidity range - 14-100

Mortality range - 0-100

## Outbreaks

### ob\_104970-miguel hidalgo

Started on - 29/05/2021

First administrative division - Distrito Federal

Ended on - 31/05/2021

Second administrative division - Miguel Hidalgo

Epidemiological unit - Zoo

Geographic coordinates - 19.4049,-99.1835

Location - miguel hidalgo

Description of the affected population This is a Bengal feline that presented with dyspnea, anorexia, fainting and death. Nasal swabs were collected and positive results were obtained for SARS-CoV-2 via RT-PCR.

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

### Control measures different from event level

Additional measures - Official disposal of carcasses, by-products and waste

### ob\_105444-Cuauhtemoc

Started on - 12/07/2022

First administrative division - Distrito Federal

Ended on - 15/07/2022

Second administrative division - Cuauhtémoc

Epidemiological unit - Other

Geographic coordinates - 19.4014,-99.1353

Approximate location - Yes

Location - Cuauhtemoc

Description of the affected population This is a domestic dog that presented with anorexia, fever and respiratory distress and was seen at a veterinary clinic. Oropharyngeal swabs were collected and positive results were obtained for SARS-CoV-2 via RT-PCR.

| Species     | Type  | Measuring unit | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccinated |
|-------------|-------|----------------|-------------|-------|--------|------------------------|-------------|------------|
| Dogs        | New   | Animal         | 1           | 1     | 0      | 0                      | 0           | 0          |
| Dogs        | 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_105444-Cuauhtemoc | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 15/07/2022  |

### ob\_104972-tuxtla Gutiérrez

Started on - 20/09/2021      First administrative division - Chiapas      Ended on - 23/09/2021  
 Second administrative division - Tuxtla Gutiérrez      Epidemiological unit - Other      Geographic coordinates - 16.748003,-93.135598  
 Approximate location - Yes      Location - tuxtla Gutiérrez

Description of the affected population A group of domestic felines presenting with fever, ocular discharge, weakness and muscle pain were seen at a veterinary clinic. Oropharyngeal swabs were collected and positive results were obtained for SARS-CoV-2 via RT-PCR.

| Species     | Type  | Measuring unit | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccinated |
|-------------|-------|----------------|-------------|-------|--------|------------------------|-------------|------------|
| Cats        | New   | Animal         | 6           | 6     | 0      | 0                      | 0           | 0          |
| Cats        | Total | Animal         | 6           | 6     | 0      | 0                      | 0           | 0          |
| All species | New   | Animal         | 6           | 6     | 0      | 0                      | 0           | 0          |
| All species | Total | Animal         | 6           | 6     | 0      | 0                      | 0           | 0          |

### ob\_82960-azcapotzalco

Started on - 04/03/2021      First administrative division - Distrito Federal      Ended on - 05/03/2021  
 Second administrative division - Azcapotzalco      Epidemiological unit - Other      Geographic coordinates - 19.4163,-99.1385  
 Approximate location - Yes      Location - azcapotzalco

Description of the affected population This is a domestic dog with signs consistent with the disease (pharyngitis, bronchitis, depression, positive swallowing reflex, positive cough reflex, lymphadenomegaly, positive palpopericussion, respiratory distress), in addition he was in contact with SARS-CoV-2 positive people. Nasal swabs were collected, which were positive for SARS-CoV-2 via RT-PCR.

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

| Outbreak name         | Test   | Result   | Result date |
|-----------------------|--|----------|-------------|
| ob_82960-azcapotzalco | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 05/03/2021  |

## ob\_104971-solidarity

Started on - 28/05/2021

First administrative division - Quintana Roo

Ended on - 31/05/2021

Second administrative division - Cozumel

Epidemiological unit - Other

Geographic coordinates - 20.6103,-87.3513

Approximate location - Yes

Location - solidarity

Description of the affected population A domestic canine presented with dyspnea, fever, pulmonary crepitus. Oropharyngeal swabs were collected and positive results were obtained for SARS-CoV-2 via RT-PCR.

| Species     | Type  | Measuring unit | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccinated |
|-------------|-------|----------------|-------------|-------|--------|------------------------|-------------|------------|
| Dogs        | New   | Animal         | 1           | 1     | 0      | 0                      | 0           | 0          |
| Dogs        | 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_104971-solidarity | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 31/05/2021  |

## ob\_105102-Cauhtemoc

Started on - 04/10/2021

First administrative division - Distrito Federal

Ended on - 08/10/2021

Second administrative division - Cauhtemoc

Epidemiological unit - Other

Geographic coordinates - 19.4272,-99.1197

Approximate location - Yes

Location - Cauhtemoc

Description of the affected population This is a domestic dog that presented neurological signs and was treated in a veterinary clinic. Oropharyngeal swabs were collected and positive results were obtained for SARS-CoV-2 via RT-PCR.

| Species     | Type  | Measuring unit | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccinated |
|-------------|-------|----------------|-------------|-------|--------|------------------------|-------------|------------|
| Dogs        | New   | Animal         | 1           | 1     | 0      | 0                      | 0           | 0          |
| Dogs        | 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_105102-Cauhtemoc | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 08/10/2021  |

## 1000144076-Toluca

Started on - 13/01/2021

First administrative division - México

Ended on - 15/01/2021

Second administrative division - Toluca

Epidemiological unit - Other

Geographic coordinates - 19.224915,-99.670743

Location - Toluca

Description of the affected population This is a domestic dog with respiratory signs, positive cough reflex, abnormal lung sounds, depression and anorexia that was treated in a veterinary clinic and was also in contact with SARS-CoV-2 positive people. Nasal and oropharyngeal swabs were collected, which were positive for SARS-CoV-2 via RT-PCR.

| Species     | Type  | Measuring unit | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccinated |
|-------------|-------|----------------|-------------|-------|--------|------------------------|-------------|------------|
| Dogs        | New   | Animal         | -           | -     | -      | -                      | -           | -          |
| Dogs        | Total | Animal         | 7           | 1     | 0      | 0                      | 0           | -          |
| All species | New   | Animal         | -           | -     | -      | -                      | -           | -          |
| All species | Total | Animal         | 7           | 1     | 0      | 0                      | 0           | -          |

| Outbreak name     | Test   | Result   | Result date |
|-------------------|--|----------|-------------|
| 1000144076-Toluca | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 15/01/2021  |

### ob\_105107-tlalpan

Started on - 01/03/2022

First administrative division - Distrito Federal

Ended on - 03/03/2022

Second administrative division - Tlalpan

Epidemiological unit - Other

Geographic coordinates - 19.0894,-99.2372

Approximate location - Yes

Location - tlalpan

Description of the affected population This is a domestic chien that presented with fever, diarrhea, vomiting, anorexia and depression and was seen at a veterinary clinic. Oropharyngeal swabs were collected and positive results were obtained for SARS-CoV-2 via RT-PCR.

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

| Outbreak name     | Test   | Result   | Result date |
|-------------------|--|----------|-------------|
| ob_105107-tlalpan | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 03/03/2022  |

### ob\_105108-san nicolás de los garza

Started on - 01/03/2022

First administrative division - Nuevo León

Ended on - 04/03/2022

Second administrative division - San Nicolás de los Garza

Epidemiological unit - Other

Geographic coordinates - 25.7629,-100.2268

Approximate location - Yes

Location - san nicolás de los garza

Description of the affected population This is a domestic dog that presented with continuous sneezing, runny nose and cough and was seen at a veterinary clinic. Nasal swabs were collected and positive results were obtained for SARS-CoV-2 via RT-PCR.

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

| Outbreak name                | Test                   | Result   | Result date |
|------------------------------|------------------------|----------|-------------|
| ob_105108-san nicolás de los | Reverse transcription- | Positive | 04/03/2022  |

|       |                                    |  |  |
|-------|------------------------------------|--|--|
| garza | polymerase chain reaction (RT-PCR) |  |  |
|-------|------------------------------------|--|--|

### ob\_105446-Cuauhtemoc

Started on - 12/07/2022

First administrative division - Distrito  
Federal

Ended on - 15/07/2022

Second administrative division -  
Cuauhtémoc

Epidemiological unit - Other

Geographic coordinates -  
19.4047,-99.1401

Approximate location - Yes

Location - Cuauhtemoc

Description of the affected population This is a domestic dog that presented with rales, fever, sneezing and anorexia and was seen at a veterinary clinic. Oropharyngeal swabs were collected and positive results were obtained for SARS-CoV-2 via RT-PCR.

| Species     | Type  | Measuring unit | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccinated |
|-------------|-------|----------------|-------------|-------|--------|------------------------|-------------|------------|
| Dogs        | New   | Animal         | 1           | 1     | 0      | 0                      | 0           | 0          |
| Dogs        | 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_105446-Cuauhtemoc | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 15/07/2022  |

### ob\_105106-Cuauhtemoc

Started on - 01/03/2022

First administrative division - Distrito  
Federal

Ended on - 03/03/2022

Second administrative division -  
Cuauhtémoc

Epidemiological unit - Other

Geographic coordinates -  
19.4217,-99.1209

Approximate location - Yes

Location - Cuauhtemoc

Description of the affected population This is a domestic feline who presented with shortness of breath, anorexia, depression, and intermittent fever and was seen at a veterinary clinic. Oropharyngeal swabs were collected and positive for SARS-CoV-2 via RT-PCR.

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

### 1000142844-Benito Juárez

Started on - 24/12/2020

First administrative division - Distrito  
Federal

Ended on - 28/12/2020

Second administrative division - Miguel  
Hidalgo

Epidemiological unit - Other

Geographic coordinates -  
19.381736,-99.182619

Location - Benito Juárez

Description of the affected population This is a domestic dog with respiratory signs (febrile peaks, anorexia and depression), who was seen at a veterinary clinic. Tracheal and oropharyngeal swabs were collected and were positive for SARS-CoV-2 through RT-PCR.

| 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           | -          |

| Outbreak name            | Test   | Result   | Result date |
|--------------------------|--|----------|-------------|
| 1000142844-Benito Juárez | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 28/12/2020  |

### 1000141229-Iztapalapa

Started on - 23/11/2020 First administrative division - Distrito Federal Ended on - 06/12/2020

Second administrative division - Iztacalco Epidemiological unit - Other Geographic coordinates - 19.378676,-99.022488

Location - Iztapalapa

Description of the affected populationTwo domestic dogs with respiratory signs (nasal secretion) were treated in a veterinary clinic. Nasal swabs were collected and were positive for SARS-CoV-2 through RT-PCR. Later on, the agent was isolated in one of the samples and its sequencing showed that there was no mutation of any kind.

| Species     | Type  | Measuring unit | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccinated |
|-------------|-------|----------------|-------------|-------|--------|------------------------|-------------|------------|
| Dogs        | New   | Animal         | -           | -     | -      | -                      | -           | -          |
| Dogs        | Total | Animal         | 4           | 2     | 0      | 0                      | 0           | -          |
| All species | New   | Animal         | -           | -     | -      | -                      | -           | -          |
| All species | Total | Animal         | 4           | 2     | 0      | 0                      | 0           | -          |

| Outbreak name         | Test                               | Result   | Result date |
|-----------------------|------------------------------------|----------|-------------|
| 1000141229-Iztapalapa | Pathogen isolation on cell culture | Positive | 23/11/2020  |
| 1000141229-Iztapalapa | Virus sequencing                   | Positive | 26/11/2020  |

### 1000141219-Cuauhtémoc

Started on - 14/08/2020 First administrative division - Distrito Federal Ended on - 28/08/2020

Second administrative division - Azcapotzalco Epidemiological unit - Other Geographic coordinates - 19.418333,-99.154444

Location - Cuauhtémoc

Description of the affected populationA domestic dog with respiratory signs (nasal discharge and fever) that was seen in a veterinary clinic. Tracheal swabs were collected and were positive for SARS-CoV-2 through RT-PCR.

| 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           | -          |

| Outbreak name         | Test   | Result   | Result date |
|-----------------------|--|----------|-------------|
| 1000141219-Cuauhtémoc | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 14/08/2020  |

### ob\_82837-guadalajara

Started on - 02/03/2021

First administrative division - Jalisco

Ended on - 03/03/2021

Second administrative division - Guadalajara

Epidemiological unit - Other

Geographic coordinates - 20.690502,-103.376139

Location - guadalajara

Description of the affected population This is a domestic dog that was in contact with SARS-CoV-2 positive people. Nasal swabs were collected, which were positive for SARS-CoV-2 via RT-PCR.

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

| Outbreak name        | Test   | Result   | Result date |
|----------------------|--|----------|-------------|
| ob_82837-guadalajara | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 03/03/2021  |

### 1000141220-Iztacalco

Started on - 14/08/2020

First administrative division - Distrito Federal

Ended on - 28/08/2020

Second administrative division - Cuauhtémoc

Epidemiological unit - Other

Geographic coordinates - 19.390277,-99.101944

Location - Iztacalco

Description of the affected population A domestic dog with respiratory signs (nasal discharge and cough) that was seen in a veterinary clinic. Tracheal swabs were collected and were positive for SARS-CoV-2 through RT-PCR.

| 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           | -          |

| Outbreak name        | Test   | Result   | Result date |
|----------------------|--|----------|-------------|
| 1000141220-Iztacalco | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 14/08/2020  |

### ob\_82838-Teziutlán

Started on - 01/03/2021

First administrative division - Puebla

Ended on - 04/03/2021

Second administrative division - Chignautla

Epidemiological unit - Other

Geographic coordinates - 19.819111,-97.36162

Location - Teziutlán



Description of the affected population It is a domestic dog with signs consistent with the disease (sadness, rales, polypnea, tachycardia, temperature 38°C), in addition he was in contact with people positive for SARS-CoV-2. Nasal swabs were collected, which were positive for SARS-CoV-2 via RT-PCR.

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

| Outbreak name      | Test   | Result   | Result date |
|--------------------|--|----------|-------------|
| ob_82838-Teziutlán | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 04/03/2021  |

### 1000141221-Cuautitlán

Started on - 13/11/2020

First administrative division - México

Ended on - 23/11/2020

Second administrative division - Teoloyucán

Epidemiological unit - Other

Geographic coordinates - 19.712222,-99.158056

Location - Cuautitlán

Description of the affected population This is a domestic dog with fever that was attended in a veterinary clinic. Nasal and oropharyngeal swabs were collected, which were positive for SARS-CoV-2 through RT-PCR. However, the clinical picture corresponded to a case of canine distemper, since the animal presented respiratory and nervous signs.

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

| Outbreak name         | Test   | Result   | Result date |
|-----------------------|--|----------|-------------|
| 1000141221-Cuautitlán | Reverse transcription-polymerase chain reaction (RT-PCR) | Positivo | 13/11/2020  |

### ob\_104969-naucalpan de juarez

Started on - 07/05/2021

First administrative division - México

Ended on - 08/05/2021

Second administrative division - Naucalpan de Juárez

Epidemiological unit - Other

Geographic coordinates - 19.4351,-99.1927

Approximate location - Yes

Location - naucalpan de juarez

Description of the affected population A domestic dog with respiratory signs (nasal discharge and mild respiratory distress) was seen at a veterinary clinic. Oropharyngeal swabs were collected and were positive for SARS-CoV-2 via RT-PCR.

| Species     | Type  | Measuring unit | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered | Vaccinated |
|-------------|-------|----------------|-------------|-------|--------|------------------------|-------------|------------|
| Dogs        | New   | Animal         | 1           | 1     | 0      | 0                      | 0           | 0          |
| Dogs        | 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_104969-naucalpan de juarez | Reverse transcription-polymerase chain reaction (RT-PCR) | Positive | 08/05/2021  |

## ob\_105109-tuxtla gutierrez

Started on - 03/03/2022

First administrative division - Chiapas

Ended on - 07/03/2022

Second administrative division - Tuxtla Gutiérrez

Epidemiological unit - Other

Geographic coordinates - 16.6909,-93.19277

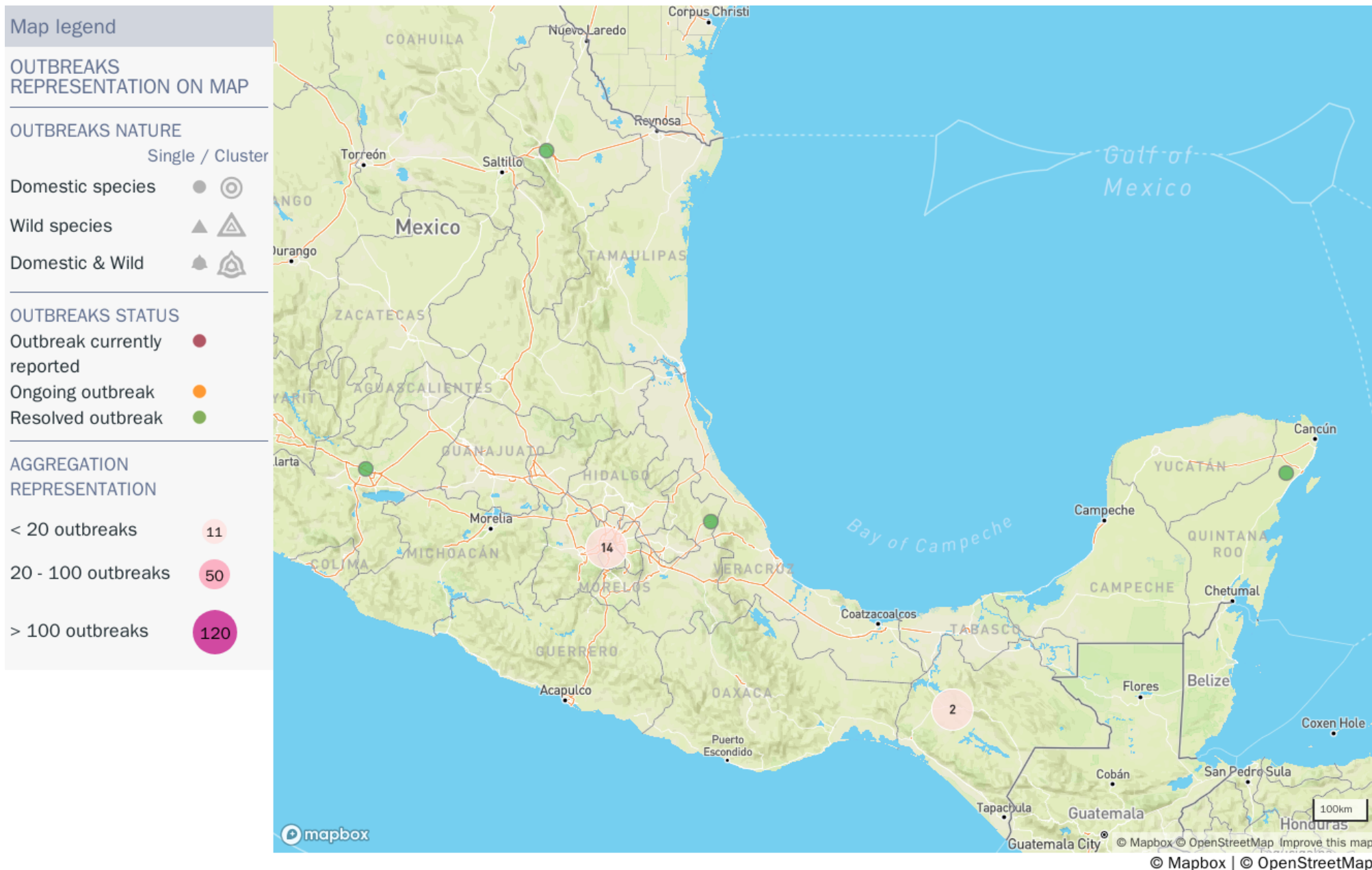
Location - tuxtla gutierrez

Description of the affected population This is a domestic feline that presented with dyspnea, anorexia, cachexia and death and was attended at a veterinary clinic. Nasal and lung swabs were collected. Positive results were obtained for SARS-CoV-2 via RT-PCR.

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

### Control measures different from event level

Additional measures - Official disposal of carcasses, by-products and waste



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