

Follow-up report 4

31/05/2021

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

Sender	Country/territory	Report ID
Delegate of Mexico	Mexico	FUR_150130
Event status	No evolution reason	Self-declaration
On-going	The epidemiological situation remains unchanged since the last report	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 - 23/11/2020	Causal agent - SARS-CoV-2
Disease category - Emerging	Reported on - 31/05/2021	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 - Contacto con personas infectadas

Epidemiological comments Following the recommendation issued by the senasica, inviting again the veterinarians and pet owners in the country to follow the recommendations issued since last april, with the objective of preventing and detecting possible cases of covid-19 in animals exposed to infected people, three dogs were identified, which had lived with covid-19 positive people.

Control measures at event level

Domestic control measures

Applied
- Quarantine
- Disinfection

Wild control measures

Applied
- Quarantine
- Disinfection

Diagnostic

Clinical signs - Yes	Method of diagnostic - Diagnostic test
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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
Dogs	New	-	-	-	-	-	-	-	-
Dogs	Total	18	10	1	0	0	0	55.56	5.56
All species	New	-	-	-	-	-	-	-	-
All species	Total	18	10	1	0	0	0	55.56	5.56

Event morbidity - 1.0
Morbidity range - 14-100

Event mortality - 0.0
Mortality range - 0-0

Outbreaks

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 populationthis is a domestic canine with respiratory signs (febrile peaks, anorexia and depression), who was seen in a veterinary clinic. nasal and oropharyngeal swabs were collected and were positive for sars-cov-2 by 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 canines with respiratory signs (nasal secretion) were treated in a veterinary clinic. nasal swabs were collected and were positive for sars-cov-2 by 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 canine 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 by 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_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 populationthis is a domestic canine with signs consistent with the disease (pharyngitis, bronchitis, depression, positive swallowing reflex, positive cough reflex, lymphadenomegaly, positive palmopercussion, 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, by rt-pc.

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

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 populationthis is a domestic canine 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 by rt-pcr.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
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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_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 populationthis is a domestic canine that was in contact with sars-cov-2 positive people. nasal swabs were collected, which were positive for sars-cov-2, by 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 populationa domestic canine 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 by 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 populationit is a domestic canine 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, by means of 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

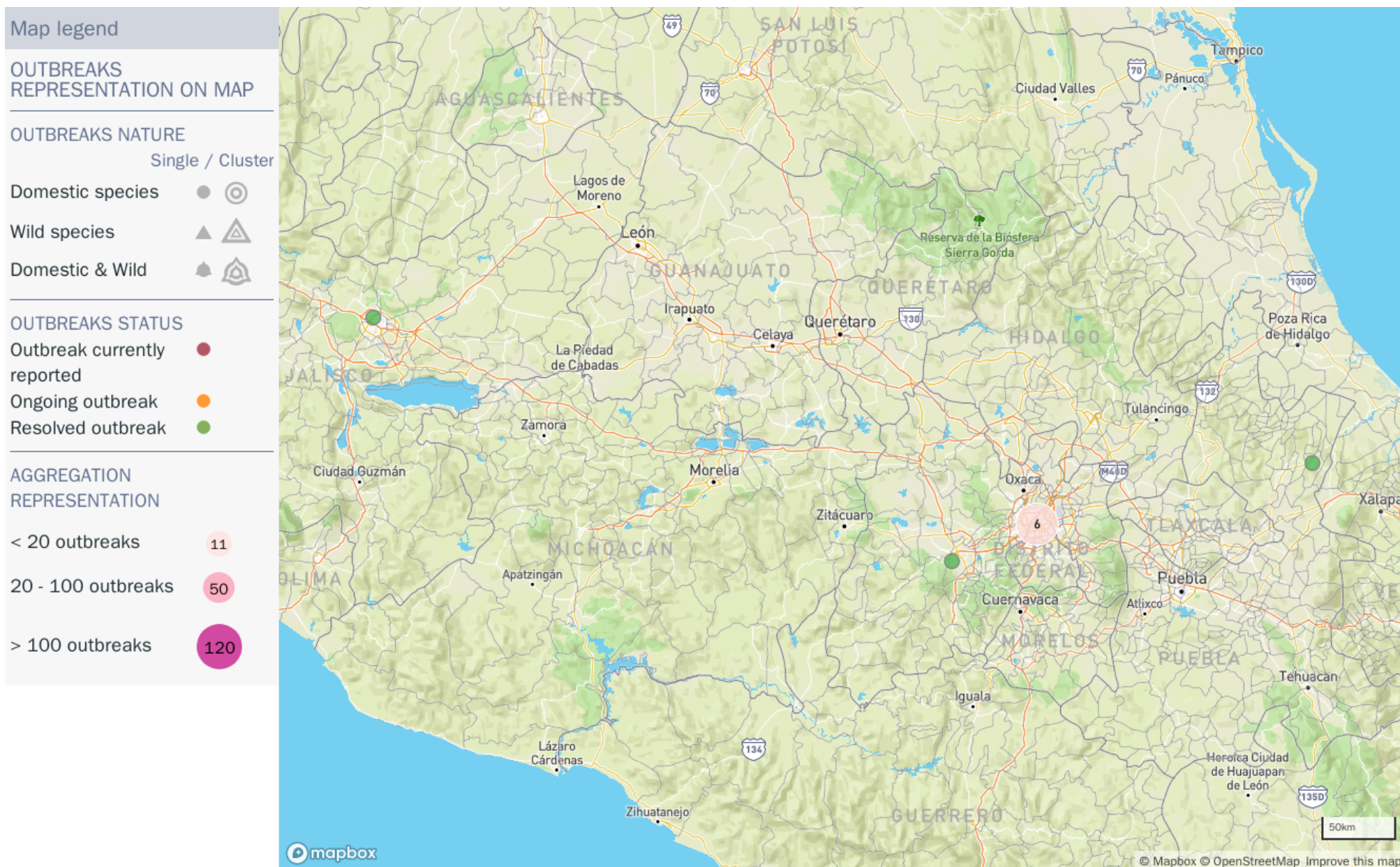
Geographic coordinates -
19.712222,-99.158055

Location - Cuautitlán

Description of the affected populationthis is a domestic canine with fever that was attended in a veterinary clinic. nasal and oropharyngeal swabs were collected, which were positive for sars-cov-2 by 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)	Positive	14/08/2020



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