

## Follow-up report 10

17/07/2020

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

Sender	Country/territory	Report ID
Delegate of United States of America	United States of America	FUR_35051
Event status	Self-declaration	
On-going	No	

### General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 27/03/2020
Animal type - Terrestrial	Confirmed on - 04/04/2020	Causal agent - SARS-CoV-2
Disease category - Emerging	Reported on - 17/07/2020	Reason - Emerging disease

### Disease impact

Outbreak morbidity - 2.0	Outbreak mortality - 0.0
Zoonotic potential - Yes	Zoonotic potential description - Zoonotic potential currently unknown

### Epidemiology

Source of the event or origin of the infection - Suspected human transmission

Epidemiological comments 16 Jul 2020 Update-- South Carolina (SC): A domestic dog from a known positive COVID-19 household was confirmed positive for SARS-CoV-2 at the National Veterinary Services Laboratories based upon molecular testing (PCR and sequencing). The affected dog, which had a chronic health condition, exhibited mild respiratory clinical signs. When the animal's condition worsened, it was euthanized.

### Control measures at event level

#### Domestic control measures

Applied

- Quarantine
- Disinfection

#### Wild control measures

Applied

- Disinfection
- Quarantine

### Diagnostic

Clinical signs - No

Method of diagnostic - Diagnostic test

Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until	Result
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	National Veterinary Services Laboratories	Tiger		04/04/2020		Positive
Gene sequencing	Genotyping	Laboratory Test	National Veterinary	Tiger		04/04/2020		Positive

			Services Laboratories					
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	University of Illinois Veterinary Diagnostic Laboratory	Tiger		03/04/2020		Positive
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	Nucleic acid detection	Laboratory Test	Cornell University Animal Health Diagnostic Center	Tiger		03/04/2020		Positive
Gene sequencing	Genotyping	Laboratory Test	Cornell University Animal Health Diagnostic Center	Tiger		05/04/2020		Positive
Gene sequencing	Genotyping	Laboratory Test	University of Illinois Veterinary Diagnostic Laboratory	Tiger		05/04/2020		Positive

## Quantitative data summary

### Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Lion (Panthera leo):Felidae-Carnivora	New	-	-	-	-	-	-	-	-
Lion (Panthera leo):Felidae-Carnivora	Total	3	3	0	0	0	-	100.0	0.0
Cats	New	-	-	-	-	-	-	-	-
Cats	Total	7	5	1	0	0	-	71.43	14.29
Tiger (Panthera tigris):Felidae-Carnivora	New	-	-	-	-	-	-	-	-
Tiger (Panthera tigris):Felidae-Carnivora	Total	5	4	0	0	0	-	80.0	0.0
Dogs	New	3	1	0	1	0	-	-	-
Dogs	Total	9	4	0	3	0	-	44.44	0.0
All species	New	3	1	0	1	0	-	-	-
All species	Total	24	16	1	3	0	-	66.67	4.17

Event morbidity - 2.0

Event mortality - 0.0

## Outbreaks

### 1000133728-Orange County

Started on - 25/06/2020

First administrative division - California

Second administrative division - Orange

Epidemiological unit - Other

Geographic coordinates -  
33.779,-117.88

Location - Orange County

Description of the affected populationPet domestic cat (Felis catus) in a residential household

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

### 1000133727-Tarrant County

Started on - 26/06/2020

First administrative division - Texas

Second administrative division - Tarrant

Epidemiological unit - Other

Geographic coordinates -  
32.807,-97.469

Location - Tarrant County

Description of the affected populationPet domestic dog (Canis lupus familiaris) in a residential household

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	-

### 1000132241-Cook County

Started on - 19/05/2020

First administrative division - Illinois

Second administrative division - Cook

Epidemiological unit - Other

Geographic coordinates -  
41.678,-87.59

Location - Cook County

Description of the affected populationPet domestic cat (Felis catus) in a residential household

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

### 1000129234-Bronx County

Started on - 27/03/2020

First administrative division - New York

Second administrative division - Bronx

Epidemiological unit - Zoo

Geographic coordinates -  
40.828,-73.841

Location - Bronx County

Description of the affected populationAdult lions and tigers in a zoo.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Lion (Panthera leo):Felidae-Carnivora	New	Animal	-	-	-	-	-	-
Lion (Panthera leo):Felidae-Carnivora	Total	Animal	3	3	0	0	0	-
Tiger (Panthera tigris):Felidae-Carnivora	New	Animal	-	-	-	-	-	-
Tiger (Panthera tigris):Felidae-Carnivora	Total	Animal	5	4	0	0	0	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	8	7	0	0	0	-

### 1000132088-Carver County

Started on - 20/05/2020

First administrative division - Minnesota

Second administrative division - Carver

Epidemiological unit - Other

Geographic coordinates -  
44.836,-93.636

Location - Carver County

Description of the affected populationPet domestic cat (Felis catus) in a residential household

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

### 1000134016-Charleston County

Started on - 26/06/2020

First administrative division - South Carolina

Second administrative division - Charleston

Epidemiological unit - Other

Geographic coordinates -  
32.821,-80.03

Location - Charleston County

Description of the affected populationPet domestic dog (Canis lupus familiaris) in a residential household

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

### 1000133487-Berrien County

Started on - 22/06/2020

First administrative division - Georgia

Second administrative division - Berrien

Epidemiological unit - Other

Geographic coordinates -

Location - Berrien County

Description of the affected population Pet domestic dogs (*Canis lupus familiaris*) in a residential household.

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

### 1000130015-Nassau County

Started on - 01/04/2020

First administrative division - New York

Second administrative division - Nassau

Epidemiological unit - Other

Geographic coordinates -

Location - Nassau County

40.747,-73.624

Description of the affected population Pet domestic cat (*Felis catus*) in a residential household

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

### 1000132016-Richmond County

Started on - 15/04/2020

First administrative division - New York

Second administrative division - Richmond

Epidemiological unit - Other

Geographic coordinates -

Location - Richmond County

40.569,-74.191

Description of the affected population Pet domestic German Shepherd dogs (*Canis lupus familiaris*) in a residential household

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

### 1000130016-Orange County

Started on - 06/04/2020

First administrative division - New York

Second administrative division - Orange

Epidemiological unit - Other

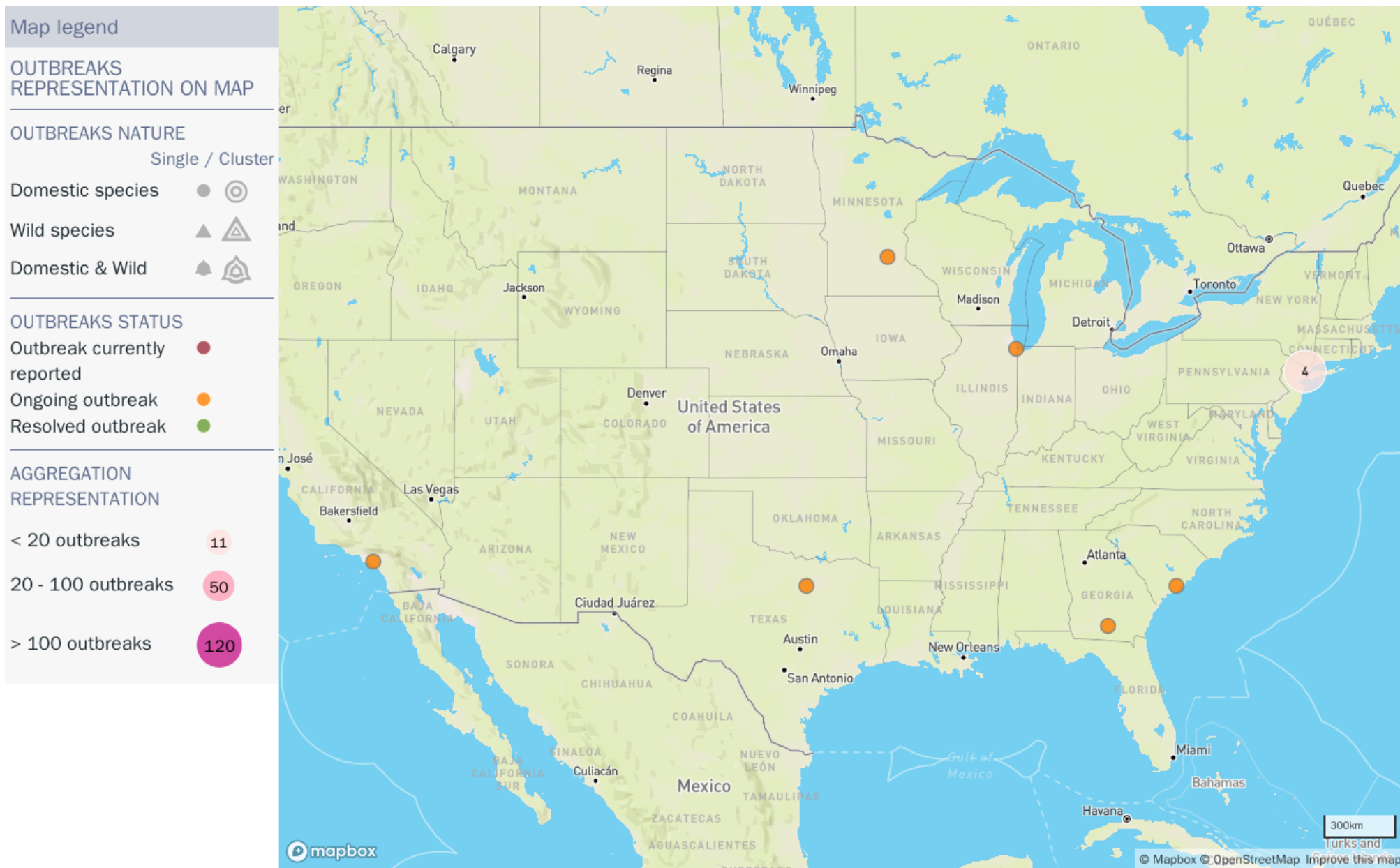
Geographic coordinates -

Location - Orange County

41.391,-74.325

Description of the affected population Pet domestic cat (*Felis catus*) in a residential household

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



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