

United States of America - SARS-CoV-2 in animals (Inf. with) - Follow-up report 45

GENERAL INFORMATION

COUNTRY/TERRITORY OR ZONE	ANIMAL TYPE	DISEASE CATEGORY	EVENT ID
COUNTRY/TERRITORY	TERRESTRIAL	Emerging	3449
DISEASE	CAUSAL AGENT	GENOTYPE / SEROTYPE / SUBTYPE	START DATE
SARS-CoV-2 in animals (Inf. with)	SARS-CoV-2	-	2020/10/22
REASON FOR NOTIFICATION	DATE OF LAST OCCURRENCE	CONFIRMATION DATE	EVENT STATUS
Emerging disease	-	2020/10/22	On-going
END DATE	SELF-DECLARATION		
-	NO		

REPORT INFORMATION

REPORT NUMBER	REPORT ID	REPORT REFERENCE	REPORT DATE
Follow-up report 45	FUR_161199	-	2023/06/06
REPORT STATUS	NO EVOLUTION REPORT		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Suspected human transmission

EPIDEMIOLOGICAL COMMENTS

May 2023 Monthly SARS-CoV-2 confirmed positive animals from previously identified states and/or species: Mule deer (wildlife): AZ There is a single SARS-CoV-2 event occurrence in the United States of America, however, for WAHIS technical reasons, any new outbreaks in the country will be reported in this new event and not in the one first reported in April 2020. For more details about SARS-CoV-2 testing of animals in the United States, see: <https://www.aphis.usda.gov/aphis/dashboards/tableau/sars-dashboard>.

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

Species	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
asian small-clawed otter (wild)	NEW	-	-	-	-	-
	TOTAL	14	7	0	0	0

cats (domestic)	NEW	-	-	-	-	-
	TOTAL	45	28	2	2	0
spotted hyena (wild)	NEW	-	-	-	-	-
	TOTAL	2	2	0	0	0
dogs (domestic)	NEW	-	-	-	-	-
	TOTAL	42	18	2	1	0
gorilla (wild)	NEW	-	-	-	-	-
	TOTAL	34	13	0	0	0
bobcat (wild)	NEW	-	-	-	-	-
	TOTAL	1	0	0	0	0
mandrill (wild)	NEW	-	-	-	-	-
	TOTAL	1	1	-	-	0
mustelidae (domestic)	NEW	-	-	-	-	-
	TOTAL	2	1	0	0	0
south american coati (wild)	NEW	-	-	-	-	-
	TOTAL	1	1	0	0	0
mule deer (wild)	NEW	-	-	-	-	-
	TOTAL	287	1	-	-	0
white-tailed deer (wild)	NEW	-	-	-	-	-
	TOTAL	360	8	0	360	0
lion (wild)	NEW	-	-	-	-	-
	TOTAL	37	19	1	0	0
panthera onca (wild)	NEW	-	-	-	-	-
	TOTAL	2	0	0	0	-
tiger (wild)	NEW	-	-	-	-	-
	TOTAL	56	21	0	1	0
snow leopard (wild)	NEW	-	-	-	-	-
	TOTAL	13	10	1	0	0
puma (wild)	NEW	-	-	-	-	-
	TOTAL	13	1	0	0	-
rabbits (domestic)	NEW	-	-	-	-	-
	TOTAL	1	-	0	0	-
common squirrel monkey (wild)	NEW	-	-	-	-	-
	TOTAL	-	1	1	-	0
swine (domestic)	NEW	-	-	-	-	-
	TOTAL	1	-	0	0	-
amur leopard (wild)	NEW	-	-	-	-	-
	TOTAL	2	0	0	0	0
binturong (wild)	NEW	-	-	-	-	-
	TOTAL	2	1	0	0	0
fishing cat (wild)	NEW	-	-	-	-	-
	TOTAL	1	1	0	0	0
canadian lynx (wild)	NEW	-	-	-	-	-
	TOTAL	5	1	0	0	0
all species	NEW	-	-	-	-	-
	TOTAL	922	135	7	364	0

DIAGNOSTIC DETAILS

CLINICAL SIGNS

YES

METHOD OF DIAGNOSTIC

Diagnostic test,
Clinical

Test name	Laboratory	Species sampled	Number of outbreaks sampled	First result date	Latest result date	Result
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	National Veterinary Services Laboratories (NVSL), Ames, Iowa	Mustelidae, South American Coati, Canadian lynx, Common squirrel monkey, Cats, Snow Leopard, Asian small-clawed otter, Tiger, Fishing cat, Dogs, Gorilla, White-Tailed deer, Mandrill, Mule deer, Spotted Hyena, Binturong, Lion	30	2021/04/13	2022/08/03	Positive
Gene sequencing	National Veterinary Services Laboratories (NVSL), Ames, Iowa	White-Tailed deer, Binturong, South American Coati, Cats, Lion, Dogs, Spotted Hyena, Mule deer, Mandrill, Gorilla, Fishing cat, Common squirrel monkey, Mustelidae, Canadian lynx, Snow Leopard, Tiger, Asian small-clawed otter	30	2021/04/13	2022/08/03	Positive
Virus neutralisation test	National Veterinary Services Laboratories (NVSL), Ames, Iowa	Cats, Dogs	8	2021/05/06	2021/05/10	Positive

CONTROL MEASURES

CONTROL MEASURES AT EVENT LEVEL

DOMESTIC ANIMALS

WILD ANIMALS