United States of America - SARS-CoV-2 in animals (Inf. with) - Follow up report 39

COUNTRY/TERRITORY OR ZONE

GENERAL INFORMATION

COUNTRY/TERRITORY

DISEASE SARS-CoV-2 in animals (Inf. with)

REASON FOR NOTIFICATION Emerging disease

END DATE

TERRESTRIAL **CAUSAL AGENT** SARS-CoV-2

ANIMAL TYPE

DATE OF LAST OCCURRENCE

SELF-DECLARATION

DISEASE CATEGORY

Emerging

GENOTYPE / SEROTYPE / SUBTYPE

CONFIRMATION DATE

2020/10/22

EVENT ID 3449

START DATE 2020/10/22

EVENT STATUS On-going

REPORT INFORMATION

REPORT NUMBER Follow-up report 39

REPORT STATUS

REPORT ID FUR_157628

NO EVOLUTION REPORT

REPORT REFERENCE

REPORT DATE 2022/11/03

Killed and Disposed Slaughtered/Killed

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION • Suspected human transmission

EPIDEMIOLOGICAL COMMENTS September and October 2022 Monthly SARS-CoV-2 confirmed positive animals from previously identified states and/or species: Tiger: NC (2) Total = 2 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.

DISEASE IMPACT

ZOONOTIC POTENTIAL

Zoonotic potential under investigation

QUANTITATIVE DATA SUMMARY

MEASURING UNIT

Animal

Species		Susceptible	Cases	Deaths	Killed and Disposed of	d Slaughtered/Killed for commercial use	Vaccinated
Asian small-clawed otter (WILD)	NEW	-	-	-	-	-	-
	TOTAL	14	7	0	0	0	0
Cats (DOMESTIC)	NEW	-	-	-	-	-	-
	TOTAL	45	28	2	2	0	0
Spotted Hyena (WILD)	NEW	-	-	-	-	-	-
	TOTAL	2	2	0	0	0	0
Dogs (DOMESTIC)	NEW	-	-	-	-	-	-
	TOTAL	42	18	2	1	0	0

	NEW	-	-	-	-	-	-
Gorilla (WILD)	TOTAL	34	13	0	0	0	0
	NEW	-	-	-	-	-	-
Bobcat (WILD)	TOTAL	1	0	0	0	0	0
	NEW	-	-	-	-	-	-
Mandrill (WILD)	TOTAL	1	1	-	-	-	0
	NEW	-	-	-	-	-	-
Mustelidae (DOMESTIC)	TOTAL	2	1	0	0	0	0
	NEW	-	-	-	-	-	-
South American Coati (WILD)	TOTAL	1	1	0	0	0	0
,	NEW	-	-	-	-	-	-
Mule deer (WILD)	TOTAL	287	1	-	-	-	0
	NEW	-	-	-	-	-	-
White-Tailed deer (WILD)	TOTAL	360	8	0	360	0	0
	NEW	-	-	-	-	-	-
Lion (WILD)	TOTAL	37	19	1	0	0	0
	NEW	-	-	-	-	-	-
Panthera onca (WILD)	TOTAL	2	0	0	0	0	-
	NEW	-	-	-	-	-	-
Tiger (WILD)	TOTAL	56	21	0	1	0	0
	NEW	-	-	-	-	-	-
Snow Leopard (WILD)	TOTAL	13	10	1	0	0	0
- (····-=)	NEW	-	-	-	-	-	-
Puma (WILD)	TOTAL	13	1	0	0	0	-
(NEW	-	-	-	-	-	-
Rabbits (DOMESTIC)	TOTAL	1	-	0	0	0	-
	NEW	-	-	-	-	-	-
Common squirrel monkey (WILD)	TOTAL	-	1	1	-	-	0
(-, (-, -, -, -, -, -, -, -, -, -, -, -, -, -	NEW	-	-	-	-	-	-
Swine (DOMESTIC)	TOTAL	1	-	0	0	0	-
((,,,,,,)	NEW	-	-	-	-	-	-
Amur Leopard (WILD)	TOTAL	2	0	0	0	0	0
District (AMID)	NEW	-	-	-	-	-	-
Binturong (WILD)	TOTAL	2	1	0	0	0	0
Fishing cat (WILD)	NEW	-	-	-	-	-	-
Fishing cat (WILD)	TOTAL	1	1	0	0	0	0
Canadian lynx (WILD)	NEW	-	-	-	-	-	-

	TOTAL	5	1	0	0	0	0
All species	NEW	-	-	-	-	-	-
	TOTAL	922	135	7	364	0	0

DIAGNOSTIC DETAILS

CLINICAL SIGNS YES

METHOD OF DIAGNOSTIC Diagnostic test, Clinical

Test name	Laboratory	Species sampled	Outbreak	First result s date	Last result date	Result
Real-time reverse transcription polymerase chain reaction (rRT-PCR)	National Veterinary Services Laboratories (NVSL), Ames, Iowa	Cats,Dogs,Mustelidae,Spotted Hyena,Gorilla,Mandrill,South American Coati,Mule deer,White-Tailed deer,Lion,Tiger,Snow Leopard,Common squirrel monkey,Asian small-clawed otter,Binturong,Fishing cat,Canadian lynx	30	2021/04/1	3 2022/08/0	3 Positive
Gene sequencing	National Veterinary Services Laboratories (NVSL), Ames, Iowa	Cats,Dogs,Mustelidae,Spotted Hyena,Gorilla,Mandrill,South American Coati,Mule deer,White-Tailed deer,Lion,Tiger,Snow Leopard,Common squirrel monkey,Asian small-clawed otter,Binturong,Fishing cat,Canadian lynx	30	2021/04/1	3 2022/08/0	3 Positive
Virus neutralisation test	National Veterinary Services Laboratories (NVSL), Ames. Iowa	Cats,Dogs	8	2021/05/0	6 2021/05/1	0 Positive

CONTROL MEASURES AT EVENT LEVEL

No Control measure applied