Switzerland - SARS-CoV-2 in animals (Inf. with) - Follow-up report 19

GENERAL INFORMATION

The list of outbreaks presented in this document excludes previously reported outbreaks that were not updated in this report.

COUNTRY/TERRITORY OR ZONE	ANIMAL TYPE	DISEASE CATEGORY	EVENT ID
COUNTRY/TERRITORY	TERRESTRIAL	Emerging	3521
DISEASE	**CAUSAL AGENT**	**GENOTYPE / SEROTYPE / SUBTYPE**	**START DATE**
SARS-CoV-2 in animals (Inf. with)	SARS-CoV-2	-	2021/01/21
REASON FOR NOTIFICATION	**DATE OF LAST OCCURRENCE**	**CONFIRMATION DATE**	**EVENT STATUS**
Emerging disease	-	2021/01/27	On-going
END DATE	**SELF-DECLARATION**		
-	NO		

REPORT INFORMATION

REPORT NUMBER	REPORT ID	REPORT REFERENCE	REPORT DATE
Follow-up report 19	FUR_158408	-	2022/12/23
REPORT STATUS	**NO EVOLUTION REPORT**		
Validated	-		

EPIDEMIOLOGY

SOURCE OF EVENT OR ORIGIN OF INFECTION

- Unknown or inconclusive

EPIDEMIOLOGICAL COMMENTS

QUANTITATIVE DATA SUMMARY

MEASURING UNIT
Animal

Species		Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cats (domestic)	NEW	1	3	0	0	0	0
	TOTAL	41	30	0	0	0	0
dogs (domestic)	NEW	1	1	0	0	0	0
	TOTAL	18	17	0	0	0	0
red fox (wild)	NEW	-	-	-	-	-	-

	TOTAL	4	2	1	3	0	0
all species	NEW	2	4	0	0	0	0
	TOTAL	63	49	1	3	0	0

DIAGNOSTIC DETAILS

CLINICAL SIGNS
YES

METHOD OF DIAGNOSTIC
Diagnostic test

Test name	Laboratory	Species sampled	Number of outbreaks sampled	First result date	Latest result date	Result
Reverse transcription-polymerase chain reaction (RT-PCR)	Clinical Laboratory, Vetsuisse Faculty, University of Zurich	Red Fox	1	2022/07/27	2022/07/27	Positive
Reverse transcription-polymerase chain reaction (RT-PCR)	Clinical Laboratory, Vetsuisse Faculty, University of Zurich	Red Fox	1	2022/07/27	2022/07/27	Positive
Enzyme-linked immunosorbent assay (ELISA)	Clinical Laboratory, Vetsuisse Faculty, University of Zurich	Red Fox	1	2022/09/08	2022/09/08	Positive
Reverse transcription-polymerase chain reaction (RT-PCR)	Institute for virology and immunology IVI, Bern	Cats, Dogs	28	2021/01/24	2022/08/14	Positive
Reverse transcription-polymerase chain reaction (RT-PCR)	Institute of Virology and Immunology (IVI)	Cats, Dogs	28	2021/01/24	2022/05/18	Positive

CONTROL MEASURES

CONTROL MEASURES AT EVENT LEVEL	DOMESTIC ANIMALS	WILD ANIMALS
Quarantine	Applied	

NEW OUTBREAKS

OB_110802 - ZH_COVID_21 - ZÜRICH

OUTBREAK REFERENCE
ZH_COVID_21

START DATE
2022/02/21

END DATE
-

DETAILED CHARACTERISATION
-

FIRST ADMINISTRATIVE DIVISION
Zürich

SECOND ADMINISTRATIVE DIVISION
Uster

THIRD ADMINISTRATIVE DIVISION
Wangen-Brüttisellen

EPIDEMIOLOGICAL UNIT
Other

LOCATION
Zürich

Latitude, Longitude
47.421 , 8.628
(Approximate location)

OUTBREAKS IN CLUSTER
-

MEASURING UNIT
Animal

AFFECTED POPULATION DESCRIPTION

This case was detected in the frame of a research project on pet animals of owners who were infected with SARS-CoV-2. The project is in the responsibility of the Clinical Laboratory of the Vetsuisse Faculty (VSF) of the University of Zurich (UZH).

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
dogs (domestic)	NEW	1	1	0	0	0	0
	TOTAL	1	1	0	0	0	0

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
Quarantine	-

OB_110801 - SG_COVID_3 - SANKT GALLEN

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
SG_COVID_3	2022/03/15	-	-

FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Sankt Gallen	Sankt Gallen	St. Gallen	Other

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	MEASURING UNIT
Sankt Gallen	47.429 , 9.375 (Approximate location)	-	Animal

AFFECTED POPULATION DESCRIPTION

This case was detected in the frame of a research project on pet animals of owners who were infected with SARS-CoV-2. The project is in the responsibility of the Clinical Laboratory of the Vetsuisse Faculty (VSF) of the University of Zurich (UZH).

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cats (domestic)	NEW	1	1	0	0	0	0
	TOTAL	1	1	0	0	0	0

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
Quarantine	-

UPDATED OUTBREAKS

OB_95429 - GR_COVID_1 - MAIENFELD

OUTBREAK REFERENCE	START DATE	END DATE	DETAILED CHARACTERISATION
GR_COVID_1	2021/12/29	-	-

FIRST ADMINISTRATIVE DIVISION	SECOND ADMINISTRATIVE DIVISION	THIRD ADMINISTRATIVE DIVISION	EPIDEMIOLOGICAL UNIT
Graubünden	Landquart	Maienfeld	Other

LOCATION	Latitude, Longitude	OUTBREAKS IN CLUSTER	MEASURING UNIT
Maienfeld	47.007 , 9.532	-	Animal

AFFECTED POPULATION DESCRIPTION

This case was detected in the framework of a research project on pet animals of owners who were infected with SARS-CoV-2. The project is under the responsibility of the Clinical Laboratory of the Vetsuisse Faculty (VSF) of the University of Zurich (UZH).

Species (latin name)	Wildlife type	Susceptible	Cases	Deaths	Killed and Disposed of	Slaughtered/ Killed for commercial use	Vaccinated
cats (domestic)	NEW	-	2	-	-	-	-
	TOTAL	9	9	0	0	0	0

METHOD OF DIAGNOSTIC

Diagnostic test

CONTROL MEASURES DIFFERENT FROM EVENT LEVEL

MEASURES NOT IMPLEMENTED	ADDITIONAL MEASURES
-	-