

Follow-up report 2

29/04/2021

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

Sender	Country/territory	Report ID
Delegate of Switzerland	Switzerland	FUR_149691
Report reference	Event status	Self-declaration
ZH_COVID_2	On-going	No

General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 21/01/2021
Animal type - Terrestrial	Confirmed on - 24/01/2021	Causal agent - SARS-CoV-2
Disease category - Emerging	Reported on - 29/04/2021	Reason - Emerging disease

Disease impact

Outbreak morbidity - 100.0	Outbreak mortality - 0.0
Zoonotic potential - Yes	Zoonotic potential description - Zoonotic potential under investigation

Epidemiology

Source of the event or origin of the infection - Contact with owner

Epidemiological comments These cases were 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). The Swiss government does not recommend currently to test cats or dogs for SARS-CoV-2 but supports research to increase knowledge in the field. For the time being, COVID-19 continues to be treated as a human disease with the main route of transmission between human beings.

Control measures at event level

Domestic control measures

Applied - Quarantine

Wild control measures

Applied - Quarantine

Diagnostic

Clinical signs - No

Method of diagnostic - Diagnostic test

Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until
Reverse transcription-polymerase chain reaction (RT-PCR)	Nucleic acid detection	Laboratory Test	Institute of Virology and Immunology (IVI)	Cats	-3	21/01/2021	24/03/2021

Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Cats	New	1	1	0	0	0	0	-	-

Cats	Total	3	3	0	0	0	0	100.0	0.0
Dogs	New	1	1	0	0	0	0	-	-
Dogs	Total	1	1	0	0	0	0	100.0	0.0
All species	New	2	2	0	0	0	0	-	-
All species	Total	4	4	0	0	0	0	100.0	0.0

Event morbidity - 100.0

Event mortality - 0.0

Morbidity range - 100-200

Mortality range - 0-0

Outbreaks

ob_84873-Willisau

Outbreak reference - LU_COVID_1

Started on - 17/03/2021

First administrative division - Lucerne

Second administrative division - Willisau

Epidemiological unit - Other

Geographic coordinates -
47.12,7.99

Third administrative division - Willisau

Approximate location - Yes

Location - Willisau

Description of the affected population 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	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Cats	New	Animal	1	1	0	0	0	0
Cats	Total	Animal	1	1	0	0	0	0
All species	New	Animal	1	1	0	0	0	0
All species	Total	Animal	1	1	0	0	0	0

1000144551-Walenstadt

Outbreak reference - SG_COVID_1

Started on - 21/01/2021

First administrative division - Sankt Gallen

Second administrative division -
Sarganserland

Epidemiological unit - Other

Geographic coordinates -
47.12,9.3

Third administrative division - Walenstadt

Location - Walenstadt

Description of the affected population 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	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	-

Control measures different from event level

Additional measures - Quarantine

Outbreak name	Test	Result	Result date
1000144551-Walenstadt	Reverse transcription-polymerase chain reaction (RT-PCR)	Positive	27/01/2021

1000144553-Zürich

Outbreak reference - ZH_COVID_1 Started on - 27/01/2021 First administrative division - Zürich
Second administrative division - Zürich Epidemiological unit - Other Geographic coordinates - 47.38,8.48
Third administrative division - Albisrieden Location - Zürich

Description of the affected population 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	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	-

Control measures different from event level

Additional measures - Quarantine

Outbreak name	Test	Result	Result date
1000144553-Zürich	Reverse transcription-polymerase chain reaction (RT-PCR)	Positive	27/01/2021

ob_84801-Zürich

Outbreak reference - ZH_COVID_2 Started on - 15/03/2021 First administrative division - Zürich
Second administrative division - Zürich Epidemiological unit - Other Geographic coordinates - 47.39,8.48
Third administrative division - Altstetten Location - Zürich

Description of the affected population Domestic dog in a residential household. The dog showed no symptoms. In the same household there are two cats. One of those cats was tested positive for covid. Both owners of the animals were also tested positive for covid.

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

Control measures different from event level

Additional measures - Quarantine



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