

Follow-up report 1 (Final report)

31/03/2021

The event is resolved. No more follow-up reports will be submitted.

Sender	Country/territory	Report ID
Delegate of Latvia	Latvia	FUR_149341
Event status	Self-declaration	
Resolved	No	

General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 01/02/2021
Animal type - Terrestrial	Confirmed on - 01/02/2021	Causal agent - SARS-CoV-2
Ended on - 13/03/2021	Disease category - Emerging	Reported on - 31/03/2021
Reason - Emerging disease		

Disease impact

Outbreak morbidity - 60.0	Outbreak mortality - 0.0
Zoonotic potential - Yes	Zoonotic potential description - Zoonotic potential under investigation

Epidemiology

Source of the event or origin of the infection

- Possible transmission from the owner.
- Unknown or inconclusive

Epidemiological comments The cases were detected in the frame of a research project on pet animals of owners who were infected with SARS-CoV-2. The whole project is national research program on Covid-19 mitigation.

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	Institute of Food Safety, Animal Health and Environment, BIOR	Cats	3	02/02/2021	12/03/2021	Positive

Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Cats	New	3	2	0	0	0	0	-	-
Cats	Total	5	3	0	0	0	0	60.0	0.0
All species	New	3	2	0	0	0	0	-	-
All species	Total	5	3	0	0	0	0	60.0	0.0

Event morbidity - 60.0

Event mortality - 0.0

Outbreaks**1000146365-Riga city**

Started on - 01/02/2021

First administrative division - Īekavas

Ended on - 02/02/2021

Epidemiological unit - Other

Geographic coordinates -
56.8964,24.1383

Location - Riga city

Description of the affected population Cats were tested as part of a study within the framework a national research program on Covid-19 mitigation. Cats were owned by COVID-19 positive owner. Both cats were tested, one had a mild depression observed and was tested positive to SARS-CoV-2. The second cat - without clinical signs and tested negative to SARS-CoV-2.

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	-

ob_83449-svetes parish

Started on - 12/03/2021

First administrative division - Jelgavas

Ended on - 13/03/2021

Epidemiological unit - Other

Geographic coordinates -
56.583043,23.640958

Location - svetes parish

Description of the affected population Cat was tested as part of a study within the framework a national research program on Covid-19 mitigation. Cat was owned by COVID-19 positive owners (both - two owners were positive to COVID-19). Cat without any obvious clinical signs was tested positive to SARS-CoV-2.

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

ob_83448-Jaunpils parish

Started on - 12/03/2021

First administrative division - Jaunpils

Ended on - 13/03/2021

Epidemiological unit - Other

Geographic coordinates -
56.75309,22.96954

Location - Jaunpils parish

Description of the affected population Both cats were tested as part of a study within the framework a national research program on Covid-19 mitigation. Cats were owned by COVID-19 positive owners (four persons within the family were confirmed as Covid-19 positive, all were sick and shows clinical signs) . Both cats were tested. First of them demonstrated signs of an upper respiratory infection, including sneezing and have had a mild depression, tested negative to SARS-CoV-2.

The second cat – with no obvious clinical signs and was tested positive to SARS-CoV-2.

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

Map legend

OUTBREAKS REPRESENTATION ON MAP

OUTBREAKS NATURE

Single / Cluster

Domestic species



Wild species



Domestic & Wild



OUTBREAKS STATUS

Outbreak currently reported



Ongoing outbreak



Resolved outbreak



AGGREGATION REPRESENTATION

< 20 outbreaks



20 - 100 outbreaks



> 100 outbreaks



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