

Follow-up report 2

31/03/2021

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

Sender	Country/territory	Report ID
Delegate of Lithuania	Lithuania	FUR_149362
Event status	Self-declaration	
On-going	No	

General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 26/11/2020
Animal type - Terrestrial	Confirmed on - 26/11/2020	Causal agent - SARS-CoV-2
Disease category - Emerging	Reported on - 31/03/2021	Reason - Emerging disease

Disease impact

Outbreak morbidity - 0.02	Outbreak mortality - 0.02
Zoonotic potential - No	

Epidemiology

- Source of the event or origin of the infection
- Contact with infected worker
 - Unknown or inconclusive

Control measures at event level

Domestic control measures

- Applied
- Selective killing and disposal
 - Quarantine
 - Movement control inside the country
 - Disinfection
 - Official disposal of carcasses, by-products and waste

Wild control measures

Diagnostic

Clinical signs - Yes Method of diagnostic - Diagnostic test

Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until
Polymerase chain reaction (PCR)	Nucleic acid detection	Laboratory Test	National Food and Veterinary Risk Assessment Institute (NFVRAI) National Laboratory	Mustelidae/American Mink	4	26/11/2020	31/03/2021

Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
American Mink (Neovison vison):Mustelidae-Carnivora	New	19533	7	9	-	-	0	-	-
American Mink (Neovison vison):Mustelidae-Carnivora	Total	79533	331	333	-	-	0	0.42	0.42
Mustelidae	New	-	-	-	-	-	-	-	-
Mustelidae	Total	55000	5	5	-	-	-	0.01	0.01
All species	New	19533	7	9	-	-	0	-	-
All species	Total	134533	336	338	-	-	0	0.25	0.25

Event morbidity - 0.02

Event mortality - 0.02

Morbidity range - 0.03-0.04

Mortality range - 0.04-0.05

Outbreaks

1000140189-Jonava

Outbreak reference - 1

Started on - 26/11/2020

First administrative division - Kauno

Second administrative division - Jonavos

Epidemiological unit - Farm

Geographic coordinates -

55.06028546,24.24318483

Location - Jonava

Description of the affected populationThe minks were bred for their fur in a farm. Evidence of contamination was established within the framework of passive surveillance due to increased mortality. 169 minks were found dead and randomly 10 were sampled and tested by PCR and were positive to SARS-CoV2. Next day out of 155 found dead 22 were sampled and all tested positive to SARS-CoV2 by PCR. In total 5 farm workers were detected positive to COVID-19.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
American Mink (Neovison vison):Mustelidae-Carnivora	New	Animal	-	-	-	-	-	-
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	60000	324	324	-	-	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	60000	324	324	-	-	-

Control measures different from event level

Additional measures

- Disinfection
- Movement control inside the country
- Quarantine
- Selective killing and disposal

Outbreak name	Test	Result	Result date
1000140189-Jonava	Polymerase chain reaction (PCR)	Positive	26/11/2020

1000142361-Pavartyciu

Outbreak reference - 2

Started on - 30/12/2020

First administrative division - Šiauliai

Second administrative division -
Radviliškio

Epidemiological unit - Farm

Geographic coordinates -
55.776586,23.735158

Location - Pavartyciu

Description of the affected population In the framework of passive surveillance and due to the COVID-19 detection for five workers, five dead minks were sampled and SARS-CoV-2 virus was detected in four minks.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Mustelidae	New	Animal	-	-	-	-	-	-
Mustelidae	Total	Animal	55000	5	5	-	-	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	55000	5	5	-	-	-

Outbreak name	Test	Result	Result date
1000142361-Pavartyciu	Polymerase chain reaction (PCR)	Positive	26/11/2020

ob_83593-Bruziu village

Started on - 31/03/2021

First administrative division - Šiauliai

Second administrative division -
Radviliškio

Epidemiological unit - Farm

Geographic coordinates -
55.759715,23.944224

Location - Bruziu village

Description of the affected population The farm with 7600 minks was sampled after information on a worker, positive for the disease. Out of 4 dead minks 3 were tested as positive.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
American Mink (Neovison vison): Mustelidae-Carnivora	New	Animal	7600	3	4	-	-	0
American Mink (Neovison vison): Mustelidae-Carnivora	Total	Animal	7600	3	4	-	-	0
All species	New	Animal	7600	3	4	-	-	0
All species	Total	Animal	7600	3	4	-	-	0

Control measures different from event level

Additional measures

- Selective killing and disposal
- Quarantine
- Official disposal of carcasses, by-products and waste
- Movement control inside the country
- Disinfection
- Ante and post-mortem inspections

Outbreak name	Test	Result	Result date
ob_83593-Bruziu village	Polymerase chain reaction (PCR)	Positive	31/03/2021

ob_83592-Kukliu village

Started on - 30/03/2021

First administrative division - Alytaus

Second administrative division - Lazdij

Epidemiological unit - Farm

Geographic coordinates -
54.2013,23.5704

Location - Kukliu village

Description of the affected population In the farm with 11933 minks no increase in mortality or morbidity was observed. 5 samples of dead minks were taken in the framework of passive surveillance.

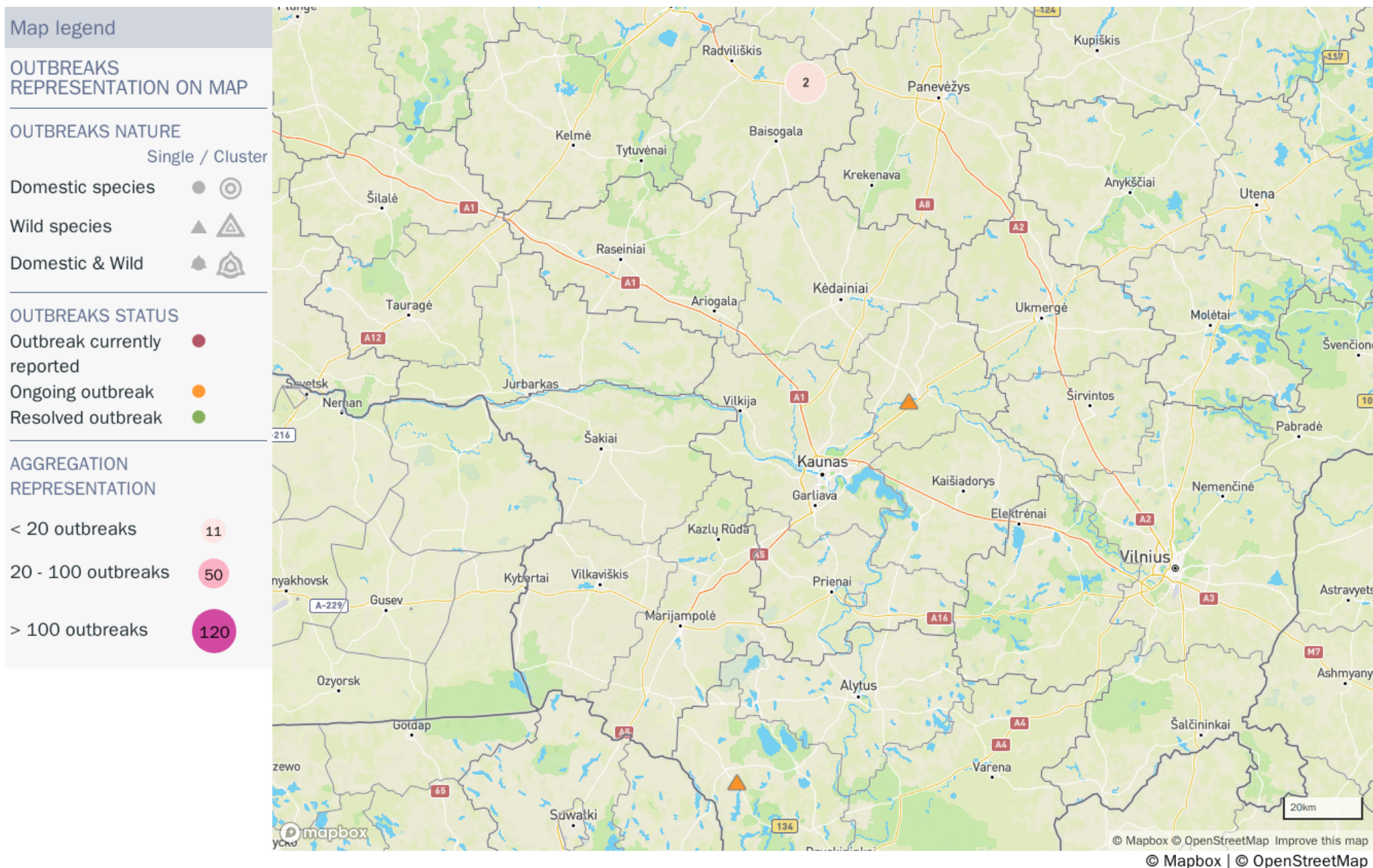
Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
American Mink (Neovison vison):Mustelidae-Carnivora	New	Animal	11933	4	5	-	-	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	11933	4	5	-	-	0
All species	New	Animal	11933	4	5	-	-	0
All species	Total	Animal	11933	4	5	-	-	0

Control measures different from event level

Additional measures

- Selective killing and disposal
- Quarantine
- Official disposal of carcasses, by-products and waste
- Movement control inside the country
- Disinfection
- Ante and post-mortem inspections

Outbreak name	Test	Result	Result date
ob_83592-Kukliu village	Polymerase chain reaction (PCR)	Positive	30/03/2021



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