

Follow-up report 4

25/02/2022

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

Sender	Country/territory	Report ID
Delegate of Lithuania	Lithuania	FUR_154292
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 - 25/02/2022	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	17	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	160525	207	99	771	165198	0	-	-
American Mink (Neovison vison):Mustelidae-Carnivora	Total	240058	538	432	771	165198	0	0.22	0.19
Mustelidae	New	-	-	-	600	45000	0	-	-
Mustelidae	Total	55000	5	5	600	45000	0	0.01	0.01
All species	New	160525	207	99	1371	210198	0	-	-
All species	Total	295058	543	437	1371	210198	0	0.18	0.15

Event morbidity - 0.02

Event mortality - 0.02

Morbidity range - 0.01-1

Mortality range - 0.01-1

Outbreaks

1000142361-Pavartyciu

Outbreak reference - 2

Started on - 30/12/2020

First administrative division - Šiauliai

Ended on - 30/09/2021

Second administrative division - Radviliškio

Epidemiological unit - Farm

Geographic coordinates - 55.776586,23.735158

Location - Pavartyciu

Description of the affected populationIn 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	-	-	-	600	45000	0
Mustelidae	Total	Animal	55000	5	5	600	45000	0
All species	New	Animal	-	-	-	600	45000	0
All species	Total	Animal	55000	5	5	600	45000	0

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

Ended on - 30/09/2021

Second administrative division - Radviliškio

Epidemiological unit - Farm

Geographic coordinates - 55.759715,23.944224

Location - Bruziu village

Description of the affected populationThe 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)	New	Animal	-	-	-	46	-	0

vison):Mustelidae-Carnivora								
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	7600	3	4	46	-	0
All species	New	Animal	-	-	-	46	-	0
All species	Total	Animal	7600	3	4	46	-	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

Ended on - 30/09/2021

Second administrative division - Lazdij

Epidemiological unit - Farm

Geographic coordinates - 54.2013,23.5704

Location - Kukliu village

Description of the affected populationIn 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	-	-	-	200	-	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	11933	4	5	200	-	0
All species	New	Animal	-	-	-	200	-	0
All species	Total	Animal	11933	4	5	200	-	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	Positive	30/03/2021

	(PCR)		
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ob_98029-Viliunaiciai village

Started on - 02/12/2021 First administrative division - Šiauliai Ended on - 03/02/2022
 Second administrative division - Pakruojis Epidemiological unit - Farm Geographic coordinates -
 56.007787,23.71667

Location - Viliunaiciai village

Description of the affected populationThe outbreak was detected in the framework of enhanced surveillance.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
American Mink (Neovison vison):Mustelidae-Carnivora	New	Animal	11800	15	15	15	6800	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	11800	15	15	15	6800	0
All species	New	Animal	11800	15	15	15	6800	0
All species	Total	Animal	11800	15	15	15	6800	0

Control measures different from event level

Additional measures

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

Outbreak name	Test	Result	Result date
ob_98029-Viliunaiciai village	Polymerase chain reaction (PCR)	Positive	

1000140189-Jonava

Outbreak reference - 1 Started on - 26/11/2020 First administrative division - Kauno
 Ended on - 30/09/2021 Second administrative division - Jonavos Epidemiological unit - Farm
 Geographic coordinates - 55.060285,24.243185 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	-	-	-	324	53886	0
American Mink	Total	Animal	60000	324	324	324	53886	0

(Neovison vison):Mustelidae-Carnivora								
All species	New	Animal	-	-	-	324	53886	0
All species	Total	Animal	60000	324	324	324	53886	0

Control measures different from event level

Additional measures

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

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

ob_98028-Tyrelkai village

Started on - 16/11/2021

First administrative division - Šiauliai

Ended on - 03/02/2022

Second administrative division - Šiauli

Epidemiological unit - Farm

Geographic coordinates -
55.840556,23.363821

Location - Tyrelkai village

Description of the affected populationThe outbreak was detected in the framework of enhanced surveillance.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
American Mink (Neovison vison):Mustelidae-Carnivora	New	Animal	13000	5	2	5	12995	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	13000	5	2	5	12995	0
All species	New	Animal	13000	5	2	5	12995	0
All species	Total	Animal	13000	5	2	5	12995	0

Control measures different from event level

Additional measures

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

Outbreak name	Test	Result	Result date
ob_98028-Tyrelkai village	Polymerase chain reaction (PCR)	Positive	

ob_98039-Vagupiai village

Started on - 07/12/2021

First administrative division - Kauno

Ended on - 03/02/2022

Second administrative division - Raseini

Epidemiological unit - Farm

Geographic coordinates -

Location - Vagupiai village

Description of the affected population The outbreak was detected 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	9000	3	3	3	7200	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	9000	3	3	3	7200	0
All species	New	Animal	9000	3	3	3	7200	0
All species	Total	Animal	9000	3	3	3	7200	0

Control measures different from event level

Additional measures

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

Outbreak name	Test	Result	Result date
ob_98039-Vagupiai village	Polymerase chain reaction (PCR)	Positive	

ob_98025-Noreikiai village

Started on - 12/11/2021

First administrative division - Šiauliai

Ended on - 03/02/2022

Second administrative division - Šiauli

Epidemiological unit - Farm

Geographic coordinates -
55.973313,23.239485

Location - Noreikiai village

Description of the affected population The farm was detected as positive through the intensified surveillance.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
American Mink (Neovison vison):Mustelidae-Carnivora	New	Animal	7000	50	-	50	6995	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	7000	50	-	50	6995	0
All species	New	Animal	7000	50	-	50	6995	0
All species	Total	Animal	7000	50	-	50	6995	0

Control measures different from event level

Additional measures

- Traceability

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

Outbreak name	Test	Result	Result date
ob_98025-Noreikiai village	Polymerase chain reaction (PCR)	Positive	

ob_98036-Iliciukai village

Started on - 06/12/2021 First administrative division - Utenos Ended on - 03/02/2022
 Second administrative division - Utenos Epidemiological unit - Farm Geographic coordinates - 55.682257,25.674621

Location - Iliciukai village

Description of the affected population The outbreak was detected due to enhance surveillance.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
American Mink (Neovison vison):Mustelidae-Carnivora	New	Animal	15600	30	5	30	10600	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	15600	30	5	30	10600	0
All species	New	Animal	15600	30	5	30	10600	0
All species	Total	Animal	15600	30	5	30	10600	0

Control measures different from event level

Additional measures

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

Outbreak name	Test	Result	Result date
ob_98036-Iliciukai village	Polymerase chain reaction (PCR)	Positive	

ob_98026-Karpiskiai

Started on - 16/11/2021 First administrative division - Šiauliai Ended on - 03/02/2022
 Second administrative division - Šiauli Epidemiological unit - Farm Geographic coordinates - 55.816409,23.290506

Location - Karpiskiai

Description of the affected population The outbreak was diagnosed in the framework of enhanced surveillance activities.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
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American Mink (Neovison vison):Mustelidae-Carnivora	New	Animal	8400	3	3	3	8397	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	8400	3	3	3	8397	0
All species	New	Animal	8400	3	3	3	8397	0
All species	Total	Animal	8400	3	3	3	8397	0

Control measures different from event level

Additional measures

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

Outbreak name	Test	Result	Result date
ob_98026-Karpiskiai	Polymerase chain reaction (PCR)	Positive	

ob_98037-Girininkai village

Started on - 07/12/2021

First administrative division - Kauno

Ended on - 03/02/2022

Second administrative division - Kauno

Epidemiological unit - Farm

Geographic coordinates - 54.766818,23.961367

Location - Girininkai village

Description of the affected populationThe outbreak was detected due to enhanced surveillance.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
American Mink (Neovison vison):Mustelidae-Carnivora	New	Animal	25000	2	2	2	16000	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	25000	2	2	2	16000	0
All species	New	Animal	25000	2	2	2	16000	0
All species	Total	Animal	25000	2	2	2	16000	0

Control measures different from event level

Additional measures

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

Outbreak name	Test	Result	Result date
ob_98037-Girininkai village	Polymerase chain reaction (PCR)	Positive	

ob_98034-Juodpetriai village

Started on - 06/12/2021 First administrative division - Taurages Ended on - 03/02/2022
Second administrative division - Taurags Epidemiological unit - Farm Geographic coordinates - 55.321753,22.394221

Location - Juodpetriai village

Description of the affected populationThe outbreak was detected due to enhanced surveillance.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
American Mink (Neovison vison):Mustelidae-Carnivora	New	Animal	7115	1	1	1	2115	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	7115	1	1	1	2115	0
All species	New	Animal	7115	1	1	1	2115	0
All species	Total	Animal	7115	1	1	1	2115	0

Control measures different from event level

Additional measures

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

Outbreak name	Test	Result	Result date
ob_98034-Juodpetriai village	Polymerase chain reaction (PCR)	Positive	

ob_98035-Rokai village

Started on - 06/12/2021 First administrative division - Kauno Ended on - 03/02/2022
Second administrative division - Kauno Epidemiological unit - Farm Geographic coordinates - 54.790589,23.955091

Location - Rokai village

Description of the affected populationThe outbreak was detected due to enhanced surveillance.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
American Mink (Neovison vison):Mustelidae-Carnivora	New	Animal	25000	2	2	2	22000	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	25000	2	2	2	22000	0

vison):Mustelidae-Carnivora								
All species	New	Animal	25000	2	2	2	22000	0
All species	Total	Animal	25000	2	2	2	22000	0

Control measures different from event level

Additional measures

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

Outbreak name	Test	Result	Result date
ob_98035-Rokai village	Polymerase chain reaction (PCR)	Positive	

ob_98032-Sutkunu village

Started on - 02/12/2021

First administrative division - Šiauliai

Ended on - 03/02/2022

Second administrative division - Šiauli

Epidemiological unit - Farm

Geographic coordinates -
55.99347,23.327936

Location - Sutkunu village

Description of the affected populationThe outbreak was detected in the framework of enhanced surveillance.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
American Mink (Neovison vison):Mustelidae-Carnivora	New	Animal	9000	29	1	30	6000	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	9000	29	1	30	6000	0
All species	New	Animal	9000	29	1	30	6000	0
All species	Total	Animal	9000	29	1	30	6000	0

Control measures different from event level

Additional measures

- Traceability
- Selective killing and disposal
- Official disposal of carcasses, by-products and waste
- Official destruction of animal products
- Movement control inside the country
- Disinfection

Outbreak name	Test	Result	Result date
ob_98032-Sutkunu village	Polymerase chain reaction (PCR)	Positive	

ob_98033-Jaunakaimio village

Started on - 02/12/2021

First administrative division - Kauno

Ended on - 03/02/2022

Second administrative division - Kdaini

Epidemiological unit - Farm

Geographic coordinates -
55.496125,23.795306

Location - Jaunakaimio village

Description of the affected populationThe outbreak was detected 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	15110	34	30	30	6110	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	15110	34	30	30	6110	0
All species	New	Animal	15110	34	30	30	6110	0
All species	Total	Animal	15110	34	30	30	6110	0

Control measures different from event level

Additional measures

- Traceability
- Selective killing and disposal
- Official disposal of carcasses, by-products and waste
- Official destruction of animal products
- Movement control inside the country
- Disinfection

Outbreak name	Test	Result	Result date
ob_98033-Jaunakaimio village	Polymerase chain reaction (PCR)	Positive	

ob_98030-Padurupiai village

Started on - 02/12/2021

First administrative division - Šiauliai

Second administrative division - Kelms

Epidemiological unit - Farm

Geographic coordinates -
55.682026,23.128231

Location - Padurupiai village

Description of the affected populationThe outbreak was found in the framework of enhanced surveillance.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
American Mink (Neovison vison):Mustelidae-Carnivora	New	Animal	6300	3	5	-	-	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	6300	3	5	-	-	0
All species	New	Animal	6300	3	5	-	-	0
All species	Total	Animal	6300	3	5	-	-	0

Control measures different from event level

Additional measures

- Traceability
- Quarantine
- Official disposal of carcasses, by-products and waste

- Official destruction of animal products
- Movement control inside the country
- Disinfection

Outbreak name	Test	Result	Result date
ob_98030-Padurupiai village	Polymerase chain reaction (PCR)	Positive	

ob_98031-postvention village

Started on - 02/12/2021

First administrative division - Kauno

Ended on - 03/02/2022

Second administrative division - Prien

Epidemiological unit - Farm

Geographic coordinates -
54.676902,24.055562

Location - postvention village

Description of the affected population The outbreak was detected 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	8200	30	30	30	6100	0
American Mink (Neovison vison):Mustelidae-Carnivora	Total	Animal	8200	30	30	30	6100	0
All species	New	Animal	8200	30	30	30	6100	0
All species	Total	Animal	8200	30	30	30	6100	0

Control measures different from event level

Additional measures

- Traceability
- Selective killing and disposal
- Official disposal of carcasses, by-products and waste
- Official destruction of animal products
- Movement control inside the country
- Disinfection

Outbreak name	Test	Result	Result date
ob_98031-postvention village	Polymerase chain reaction (PCR)	Positive	

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

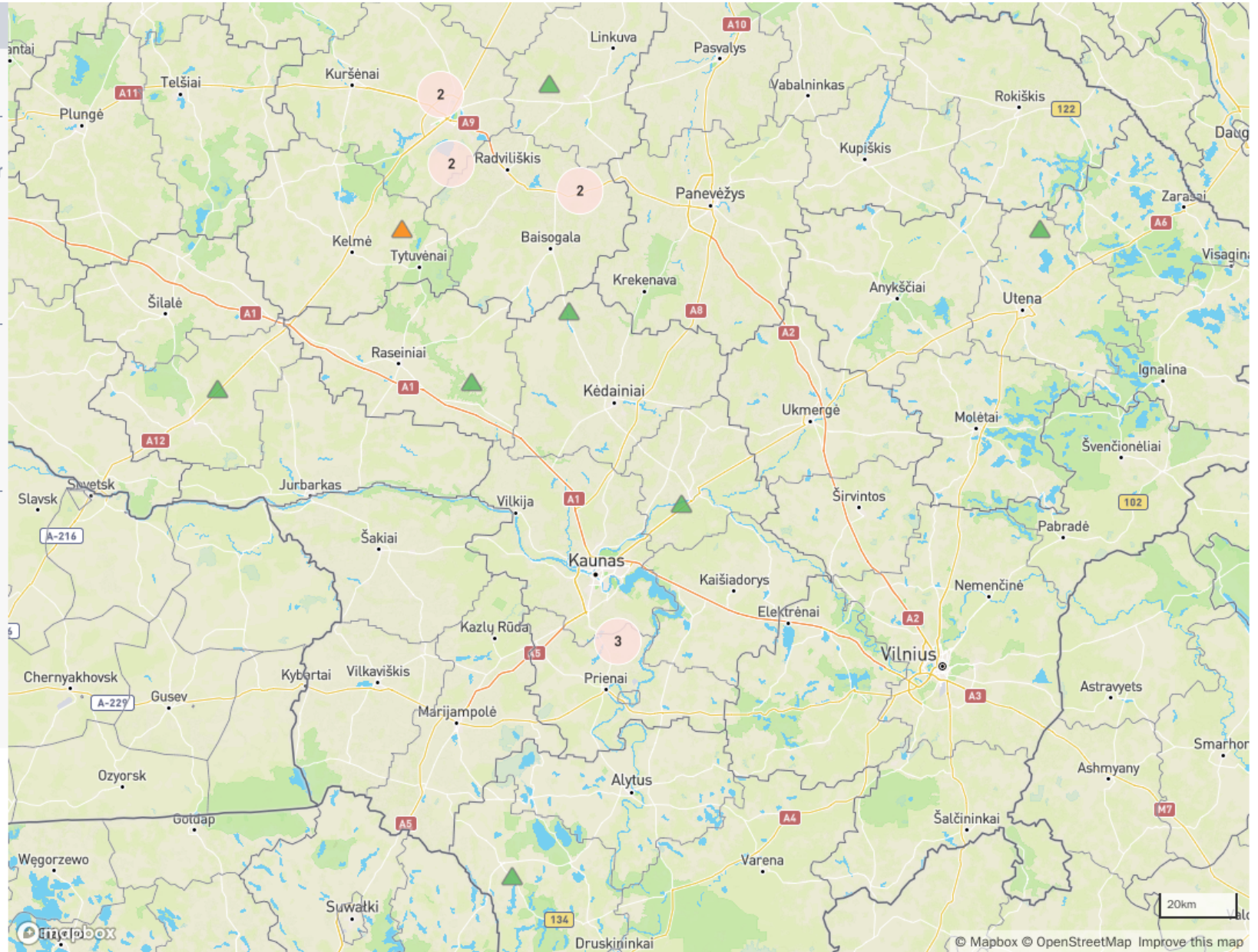
< 20 outbreaks



20 - 100 outbreaks



> 100 outbreaks



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