

Follow-up report 1 (Final report)

21/12/2021

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

Sender	Country/territory	Report ID
Delegate of Denmark	Denmark	FUR_153061
Event status	Self-declaration	
Resolved	No	

General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 27/11/2021
Animal type - Terrestrial	Confirmed on - 30/11/2021	Causal agent - SARS-CoV-2
Ended on - 03/12/2021	Disease category - Emerging	Reported on - 21/12/2021
Reason - Emerging disease		

Disease impact

Outbreak morbidity - 100.0	Outbreak mortality - 0.0
Zoonotic potential - Yes	Zoonotic potential description - The samples were collected because the handler was tested positive for COVID-19.

Epidemiology

Source of the event or origin of the infection - Unknown or inconclusive

Epidemiological comments Samples from all 5 tigers have been sequenced and all belong to the strain "Delta Lineage AY.43.", which was one of the dominant lineages in humans in Denmark (25% of the sequenced human cases in week 46 was found to be AY.43).

Control measures at event level

Domestic control measures

Applied - Quarantine

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	Statens Serum Institut National Laboratory	Tiger	1	27/11/2021	30/11/2021

Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Tiger (Panthera tigris): Felidae-Carnivora	New	-	4	0	0	0	0	-	-

Tiger (Panthera tigris):Felidae-Carnivora	Total	5	5	0	0	0	0	100.0	0.0
All species	New	-	4	0	0	0	0	-	-
All species	Total	5	5	0	0	0	0	100.0	0.0

Event morbidity - 100.0

Event mortality - 0.0

Morbidity range - 100-100

Mortality range - 0-0

Outbreaks

ob_93550-Knuthenborg Safaripark

Started on - 27/11/2021

First administrative division - Sjælland

Ended on - 03/12/2021

Second administrative division - Lolland

Epidemiological unit - Zoo

Geographic coordinates -
54.8211,11.4947

Location - Knuthenborg Safaripark

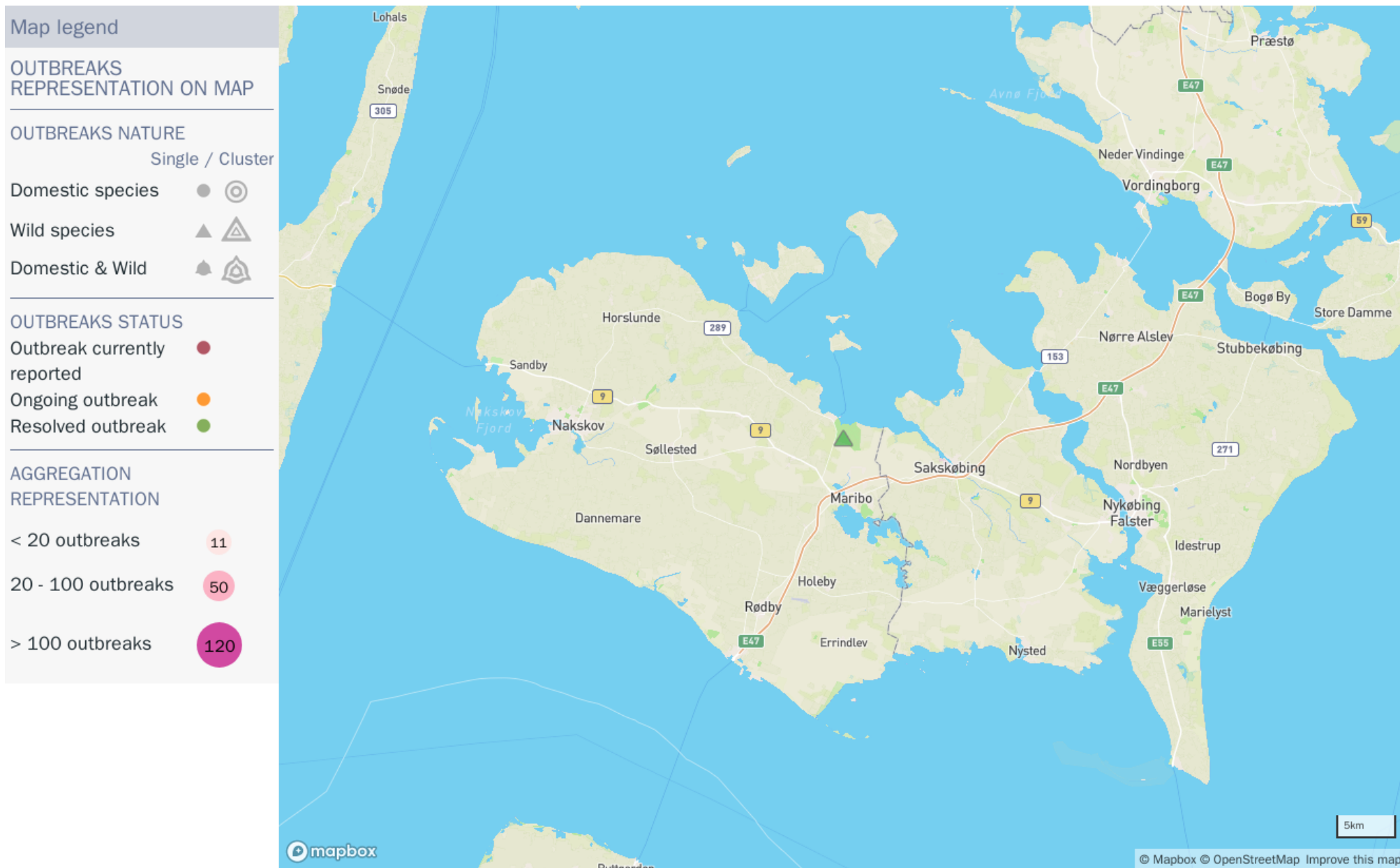
Description of the affected population On November 30th 2021, a tiger in Knuthenborg Safaripark in Denmark has tested positive for SARS-CoV-2. Samples were collected on November 27th 2021, because a handler was tested positive for COVID-19. The park has a total of five tigers. All the tigers have been isolated. Samples were collected from all the five tigers on December 3rd 2021, and all tested positive for SARS-COV-2 in PCR on December 7th 2021. Two of the tigers had clinical signs such as cough and heavy breathing.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Tiger (Panthera tigris):Felidae-Carnivora	New	Animal	-	4	0	0	0	0
Tiger (Panthera tigris):Felidae-Carnivora	Total	Animal	5	5	0	0	0	0
All species	New	Animal	-	4	0	0	0	0
All species	Total	Animal	5	5	0	0	0	0

Control measures different from event level

Additional measures - Quarantine

Outbreak name	Test	Result	Result date
ob_93550-Knuthenborg Safaripark	Polymerase chain reaction (PCR)	Positive	30/11/2021



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