

Follow-up report 1

17/11/2021

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

Sender	Country/territory	Report ID
Delegate of Singapore	Singapore	FUR_152450
Event status	Self-declaration	
On-going	No	

General information

Country or zone - Zone	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 06/11/2021
Animal type - Terrestrial	Confirmed on - 09/11/2021	Causal agent - SARS-CoV-2
Disease category - Emerging	Reported on - 17/11/2021	Reason - Emerging disease

Disease impact

Outbreak morbidity - 35.71	Outbreak mortality - 0.0
Zoonotic potential - No	

Epidemiology

Source of the event or origin of the infection - This is likely due to exposure to staff who tested positive for COVID-19.

Epidemiological comments SARS-CoV-2 RNA was detected via RRT-PCR from samples taken from these lions with a known history of exposure to staff infected with COVID-19. The two groups of lions are part of a zoological collection and are kept in their respective enclosures.

Control measures at event level

Domestic control measures

Wild control measures

- Applied
- Surveillance within containment and or the protection zone
 - Quarantine
 - Disinfection

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		Lion	0	06/11/2021	09/11/2021

Quantitative data summary

Measuring unit - Animal

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

Lion (Panthera leo):Felidae- Carnivora	Total	14	5	0	0	0	0	35.71	0.0
All species	New	-	-	-	-	-	0	-	-
All species	Total	14	5	0	0	0	0	35.71	0.0

Event morbidity - 35.71

Event mortality - 0.0

Morbidity range - 35.71-35.71

Mortality range - 0-0

Outbreaks

ob_92376-Mandai

Started on - 06/11/2021

First administrative division - North

Epidemiological unit - Zoo

Geographic coordinates -

Approximate location - Yes

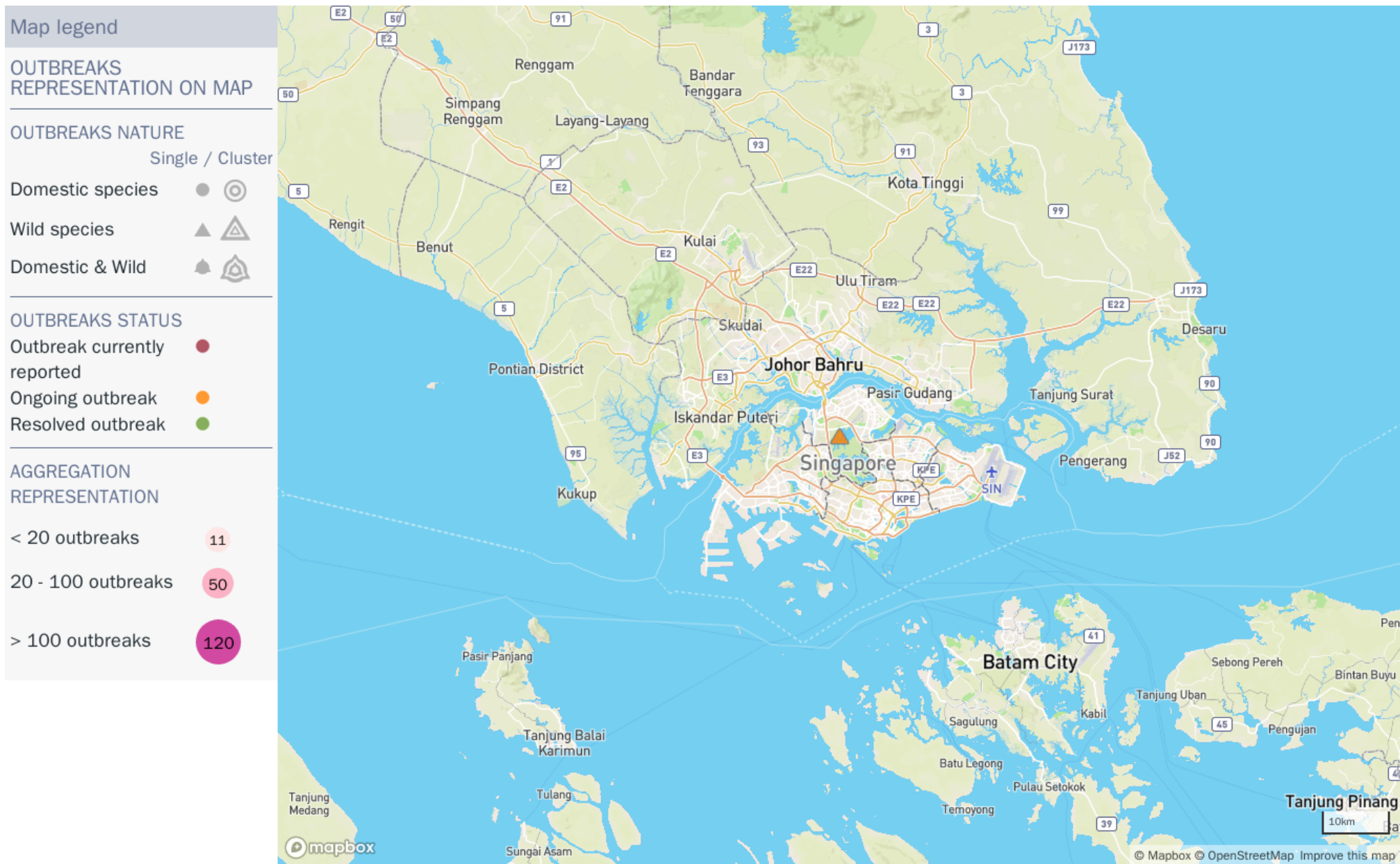
Location - Mandai

1.4022,103.7881

Description of the affected populationThe 4 positive Asiatic lions were housed with 5 other Asiatic lions and the positive African lion housed with 4 other African lions. The two groups of lions will be monitored by pooled faecal samples by PCR and daily observations for clinical signs. There is no evidence of further spread of the SARS-CoV-2 infection.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Lion (Panthera leo):Felidae- Carnivora	New	Animal	0	0	0	0	0	0
Lion (Panthera leo):Felidae- Carnivora	Total	Animal	14	5	0	0	0	0
All species	New	Animal	0	0	0	0	0	0
All species	Total	Animal	14	5	0	0	0	0

Outbreak name	Test	Result	Result date
ob_92376-Mandai	Polymerase chain reaction (PCR)	Positive	09/11/2021



© Mapbox | © OpenStreetMap

Prints use map data from Mapbox and OpenStreetMap and their data sources.

To learn more, visit <https://www.mapbox.com/about/maps/> and <http://www.openstreetmap.org/copyright>.

Les localisations des foyers ont été renseignées par les Services vétérinaires compétents et peuvent ne pas représenter l'emplacement exact d'un foyer. L'OIE n'assume aucune responsabilité quant aux données affichées.