

## Immediate notification

09/11/2021

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

Sender	Country/territory	Report ID
Delegate of Singapore	Singapore	IN_152373
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 - 09/11/2021	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 lions are part of a zoological collection and are kept in 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
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Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until
Polymerase chain reaction (PCR)	Nucleic acid detection	Laboratory Test		Lion	-1	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	14	5	0	0	0	0	-	-
Lion	Total	14	5	0	0	0	0	35.71	0.0

(Panthera leo):Felidae-Carnivora									
All species	New	14	5	0	0	0	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 -  
1.4022,103.7881

Approximate location - Yes

Location - Mandai

Description of the affected population Five lions (4 Asiatic lions [Panthera leo persica] and 1 African lion [Panthera leo leo]) from a zoological collection with known exposure to staff infected with COVID-19, were observed to be exhibiting mild signs of sickness including coughing, sneezing and lethargy on 6 and 8 November respectively. Nasal and oropharyngeal swabs, faecal and blood samples were taken from the 4 sick Asiatic lions. SARS-CoV-2 RNA was detected via RRT-PCR from the faecal samples, and the nasal and oropharyngeal swabs. Further sampling and testing of the remaining lions are ongoing. All affected and in-contact animals have been isolated in their existing enclosures.

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

## 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

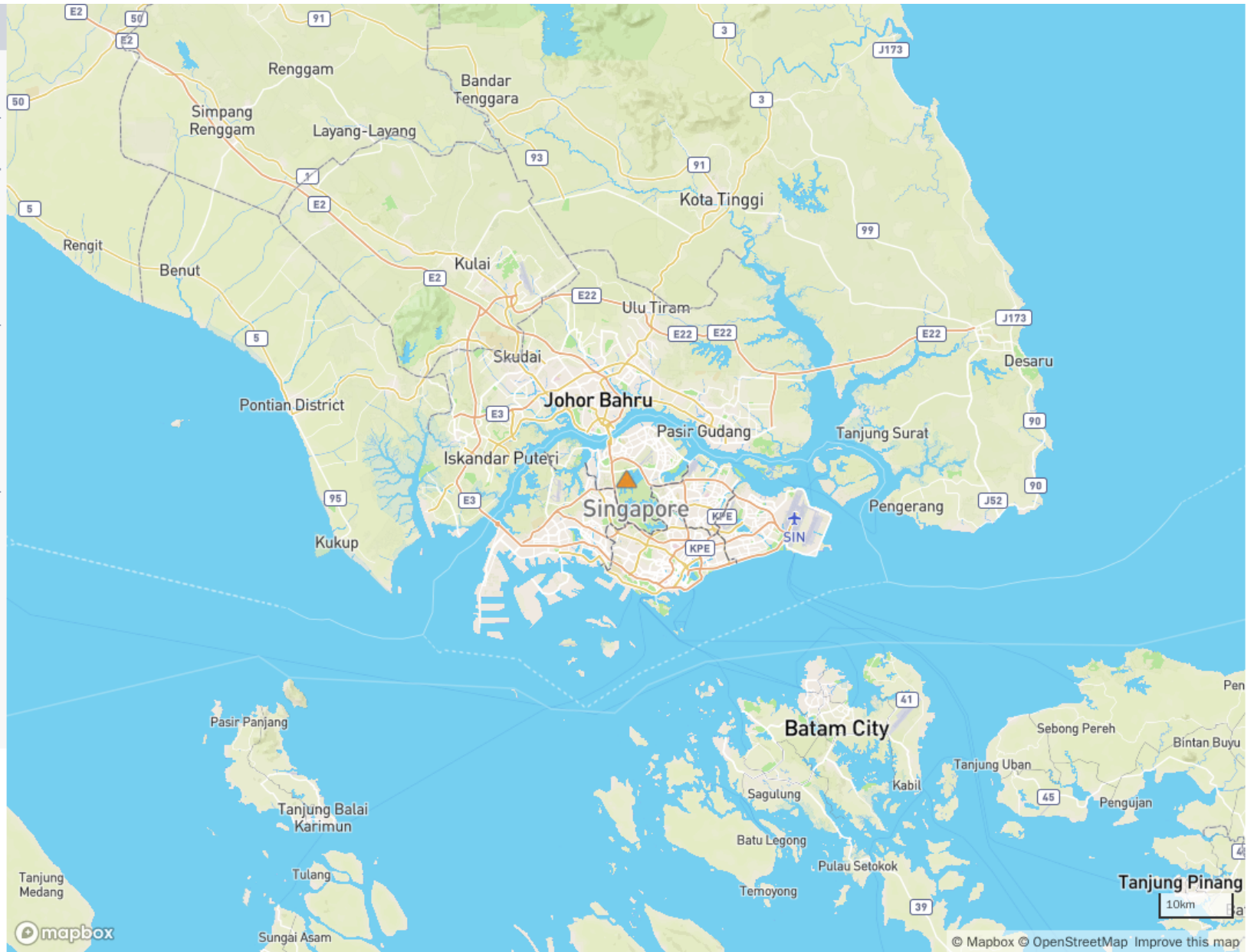
< 20 outbreaks



20 - 100 outbreaks



> 100 outbreaks



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