

Follow-up report 1 (Final report)

14/08/2020

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

Sender	Country/territory	Report ID
Delegate of South Africa	South Africa	FUR_35830
Report reference	Event status	Self-declaration
SARS-COV-2	Resolved	No

General information

Country or zone - Country	Disease - SARS-CoV-2 in animals (Inf. with)	Started on - 17/07/2020
Animal type - Terrestrial	Confirmed on - 31/07/2020	Causal agent - SARS-CoV-2
Ended on - 17/09/2020	Disease category - Emerging	Reported on - 14/08/2020
Reason - Emerging disease		

Disease impact

Outbreak morbidity - 2.0	Outbreak mortality - 0.0
Zoonotic potential - Yes	Zoonotic potential description - Human SARS-COV-2/COVID-19 infecting animals

Epidemiology

Source of the event or origin of the infection - Contact with infected handler

Epidemiological comments Puma recovered clinically after 8 days. PCR positive 4 weeks and 6 weeks after infection. PCR negative 8 weeks after infection.

Control measures at event level

Domestic control measures

Applied - Quarantine

Wild control measures

Applied - Quarantine

Diagnostic

Clinical signs - No

Method of diagnostic - Diagnostic test

Test name	Category	Test type	Laboratory	Species sampled	Outbreaks	Tested from	Tested until	Result
Polymerase chain reaction (PCR)	Nucleic acid detection	Laboratory Test	University of Pretoria	Puma		31/07/2020		Positive

Quantitative data summary

Measuring unit - Animal

Species	Type	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated	Outbreak morbidity	Outbreak mortality
Puma (Puma concolor): Felidae-Carnivora	New	-	-	-	-	-	-	-	-

Puma (Puma concolor):Felidae-Carnivora	Total	2	1	0	0	0	-	50.0	0.0
All species	New	-	-	-	-	-	-	-	-
All species	Total	2	1	0	0	0	-	50.0	0.0

Event morbidity - 2.0

Event mortality - 0.0

Outbreaks

1000135226-SARS-COV-2_2020_GAU_001

Outbreak reference - SARS-COV-2_2020_GAU_001

Started on - 17/07/2020

First administrative division - Gauteng

Ended on - 17/09/2020

Second administrative division - City of Johannesburg

Epidemiological unit - Zoo

Geographic coordinates - -26.0,28.1

Third administrative division - City of Johannesburg

Location - SARS-COV-2_2020_GAU_001

Description of the affected population Zoo puma tested positive for SARS-COV-2 after contact with infected handler. All other in contact animals tested negative.

Species	Type	Measuring unit	Susceptible	Cases	Deaths	Killed and disposed of	Slaughtered	Vaccinated
Puma (Puma concolor):Felidae-Carnivora	New	Animal	-	-	-	-	-	-
Puma (Puma concolor):Felidae-Carnivora	Total	Animal	2	1	0	0	0	-
All species	New	Animal	-	-	-	-	-	-
All species	Total	Animal	2	1	0	0	0	-

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

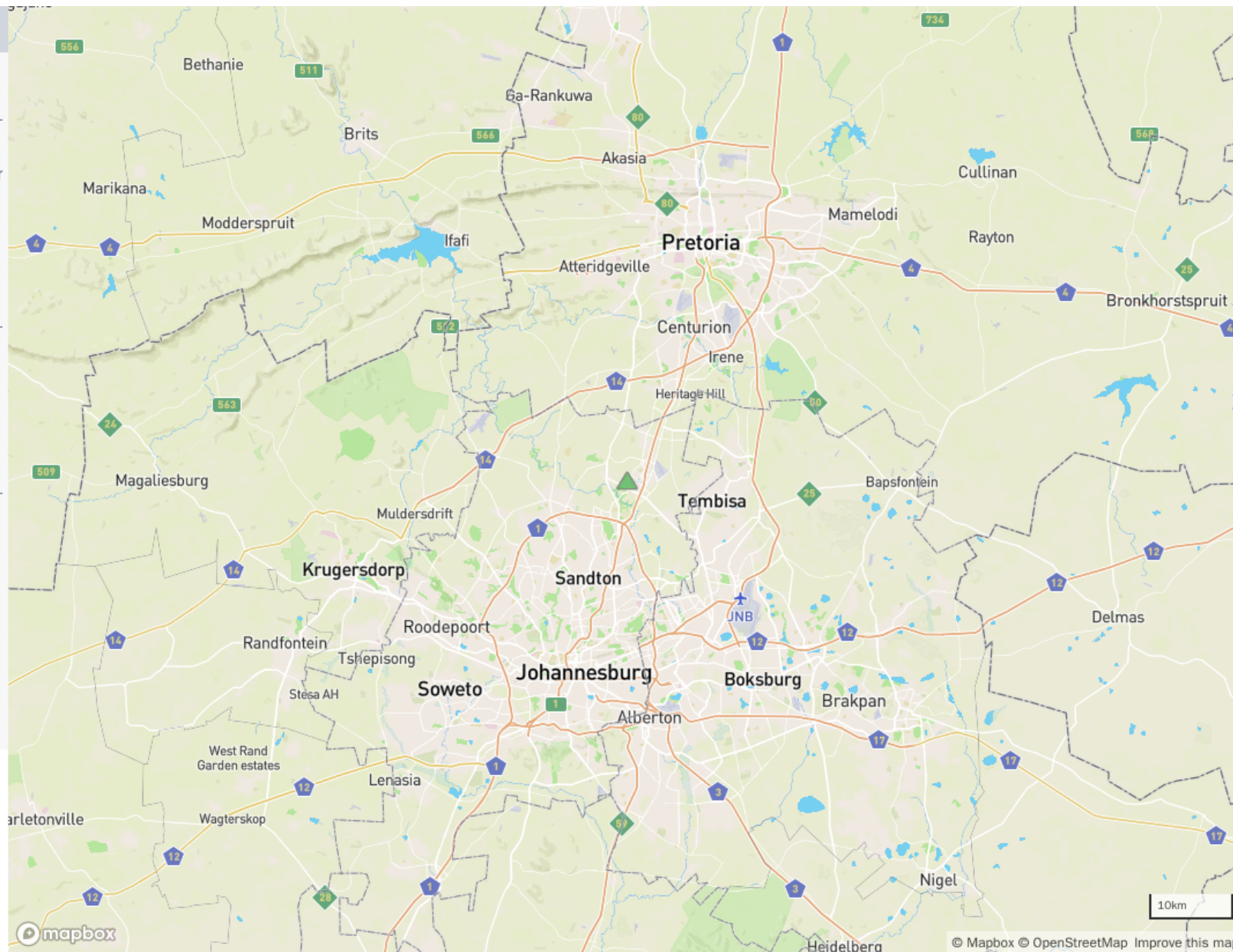
< 20 outbreaks



20 - 100 outbreaks



> 100 outbreaks



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