Animal Disease Reporting
for the month
December 2015

agriculture,
forestry & fisheries

Department:
Agriculture, Forestry and Fisheries
REPUBLIC OF SOUTH AFRICA
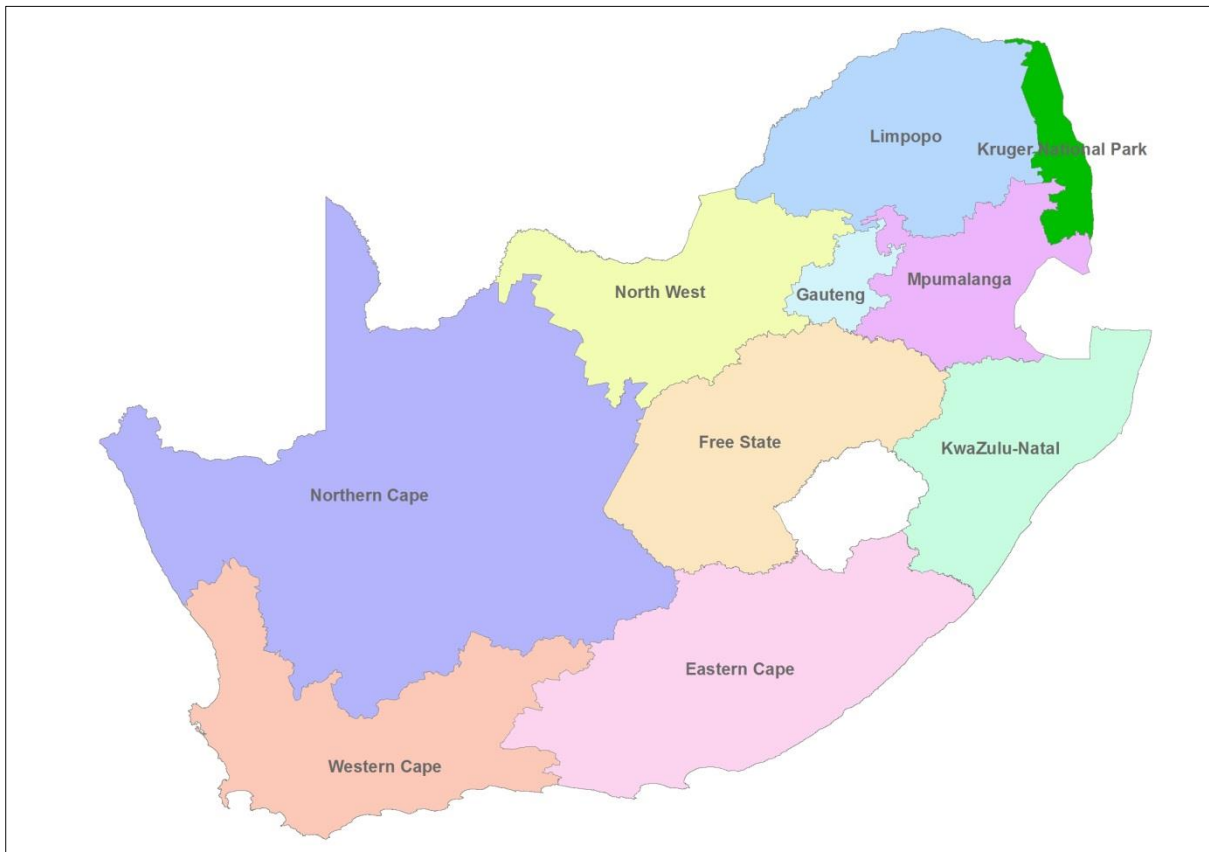
Sub-Directorate Epidemiology
Directorate Animal Health
29 February 2016

Introduction

According to the Animal Diseases Act (Act 35 of 1984) Controlled and Notifiable Diseases must be reported to the local State Veterinarian. The local State Veterinarian compiles a monthly report on diseases that occurred in his/her State Vet Area and submits this report to the Provincial Director of Veterinary Services. At a Provincial level, all these reports are combined to compile a disease report for the province and this report is submitted to the Sub-Directorate Epidemiology in the Directorate Animal Health at the Department of Agriculture, Forestry and Fisheries. All the provincial reports are combined to compile a national disease report.

Purpose of disease reporting

Reasons for disease reporting are:

- Proof of freedom
- Detection of outbreaks of important diseases
  - Prevent the spread of the disease
  - Institute control programs
  - Eradication of a disease
  - Warn neighbouring farmers/trade partners/neighbouring countries
  - Prevent the spread/occurrence of a disease in humans, e.g. rabies
  - Decrease the economic impact of a disease
  - Prevent spread of diseases to trading partners
- Disease control

Summary Statistics of the December 2015 report

The following summary table has been compiled using simple count statistics

Total number of outbreak and vaccination reports (data lines)	1152
Total number of outbreaks	51
Total number of animals involved (cases)	881
Total number of diseases involved in outbreaks	27
Total number of State Vet Areas that reported	69
Total number of Local Municipalities reported from	127
Total number of species involved in outbreaks	13

Reported Disease Outbreaks

The following tables indicate the disease outbreaks reported by the Provincial Veterinary Services.

Controlled Diseases

The following table indicates the reports of Controlled Diseases

	Eastern Cape Province	Free State	Gauteng	Kruger National Park	KwaZulu-Natal	Limpopo	Mpumalanga	North West Province	Northern Cape Province	Western Cape Province	Total
African Horse Sickness	0	0	2	0	0	0	0	0	0	0	2
Anthrax	0	0	0	2	0	0	0	0	0	0	2
Bovine Brucellosis (Brucella abortus)	0	0	0	0	0	0	0	1	0	2	3
Bovine Tuberculosis (Mycobacterium bovis)	0	0	0	1	0	0	0	0	0	0	1
Caprine And Ovine Brucellosis (Brucella mellitensis)	0	0	0	0	0	0	0	0	0	1	1
FMD - Virus SAT 3	0	0	0	0	0	4	0	0	0	0	4
Fowl Typhoid (Salmonella gallinarum)	0	0	0	0	1	0	0	0	0	0	1
Newcastle Disease	0	0	0	0	0	0	1	0	0	2	3
Rabies	6	1	0	0	10	0	0	2	3	0	22
Sheep Scab	0	0	0	0	0	0	1	0	0	0	1
Total	6	1	2	3	11	4	2	3	3	5	40

Notifiable diseases

No reports of Notifiable diseases were received.

Other diseases

The following table indicates the reports of diseases that are not Controlled or Notifiable. Reporting of these diseases are not compulsory.

	Eastern Cape Province	Free State	Gauteng	Kruger National Park	KwaZulu-Natal	Limpopo	Mpumalanga	North West Province	Northern Cape Province	Western Cape Province	Total
Anaplasmosis	1	0	0	0	0	0	1	0	0	0	2
Blackleg (Sponssiekte)	0	0	0	0	0	0	1	0	0	0	1
Botulism	0	0	0	0	0	0	0	0	1	0	1
Canine Distemper	0	0	0	1	0	0	1	0	0	1	3
Heartwater	1	0	0	0	0	0	0	0	0	0	1
Other Clostridial Infections	0	0	0	0	0	0	0	0	1	0	1
Other Pasteurellosis	0	0	0	0	0	0	0	0	1	0	1
Sarcoptic Mange	0	0	0	0	0	0	0	0	0	1	1
Total	2	0	0	1	0	0	3	0	3	2	11

Information and maps of Specific Diseases

Foot and mouth disease (FMD)

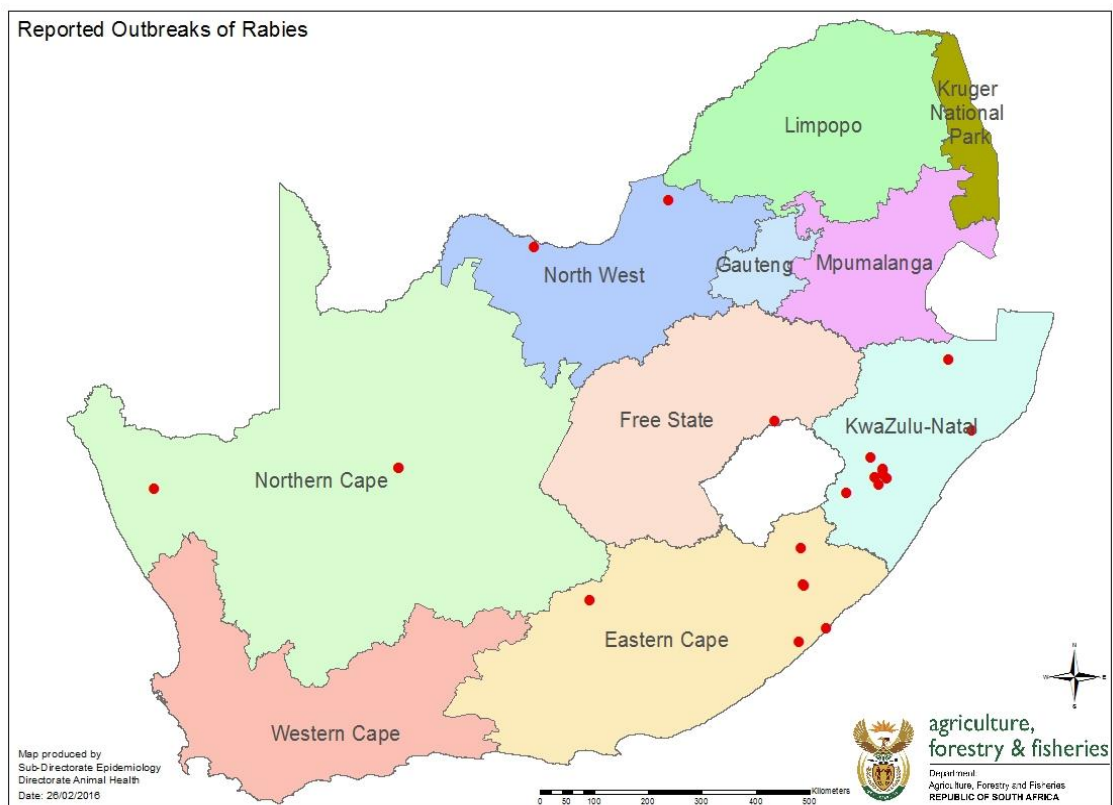The following table indicates the number of reported FMD outbreaks per province

Province	Number of reported outbreaks
Limpopo	4
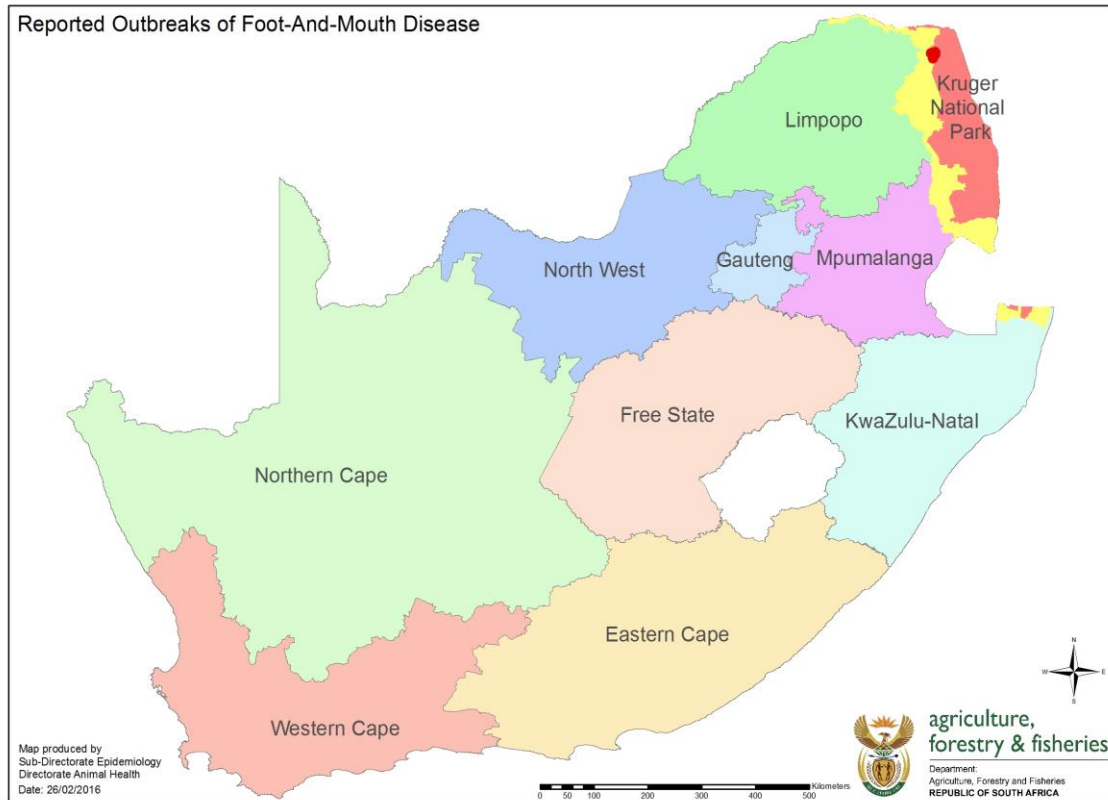
Rabies

The following table indicates the number of reported rabies outbreaks per province

Province	Number of reported outbreaks
Eastern Cape Province	6
Free State	1
KwaZulu-Natal	10
North West Province	2
Northern Cape Province	3

Reported Outbreaks of Rabies

African Horse Sickness

The following table indicates the number of reported AHS outbreaks per province

Province	Number of reported outbreaks
Gauteng	2

Reported Outbreaks of African Horse Sickness
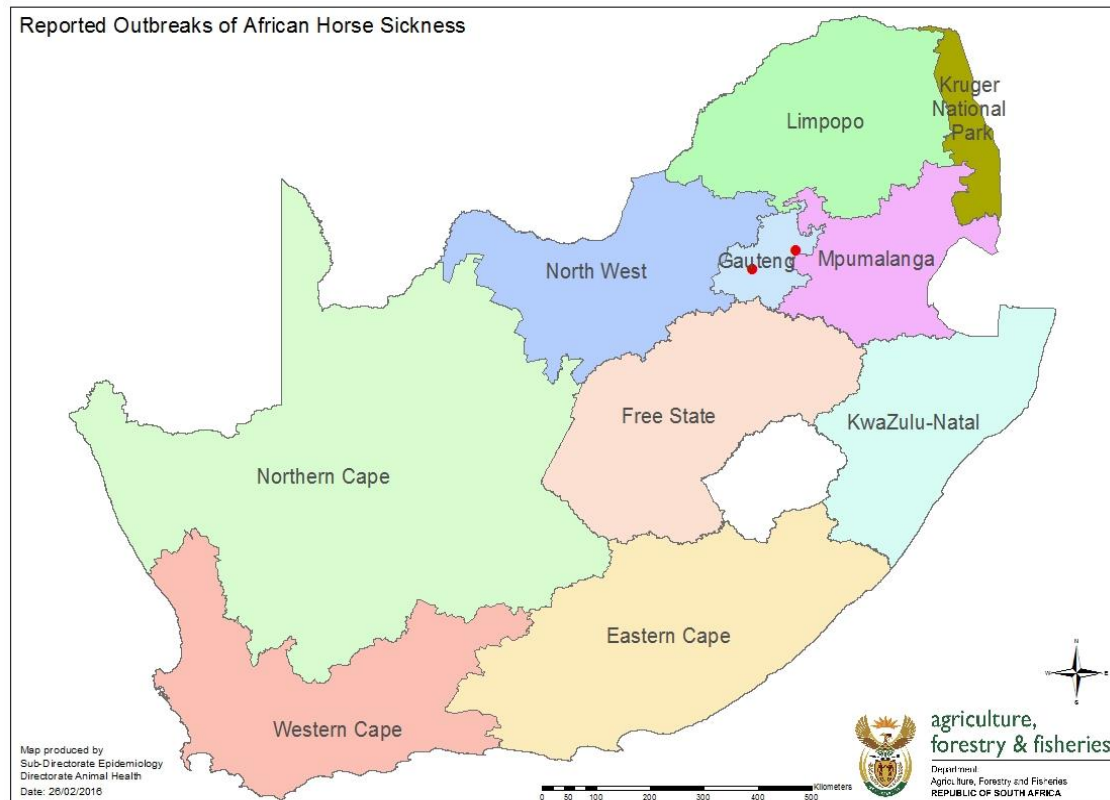
Bovine Brucellosis

The following table indicates the number of reported Bovine Brucellosis outbreaks per province

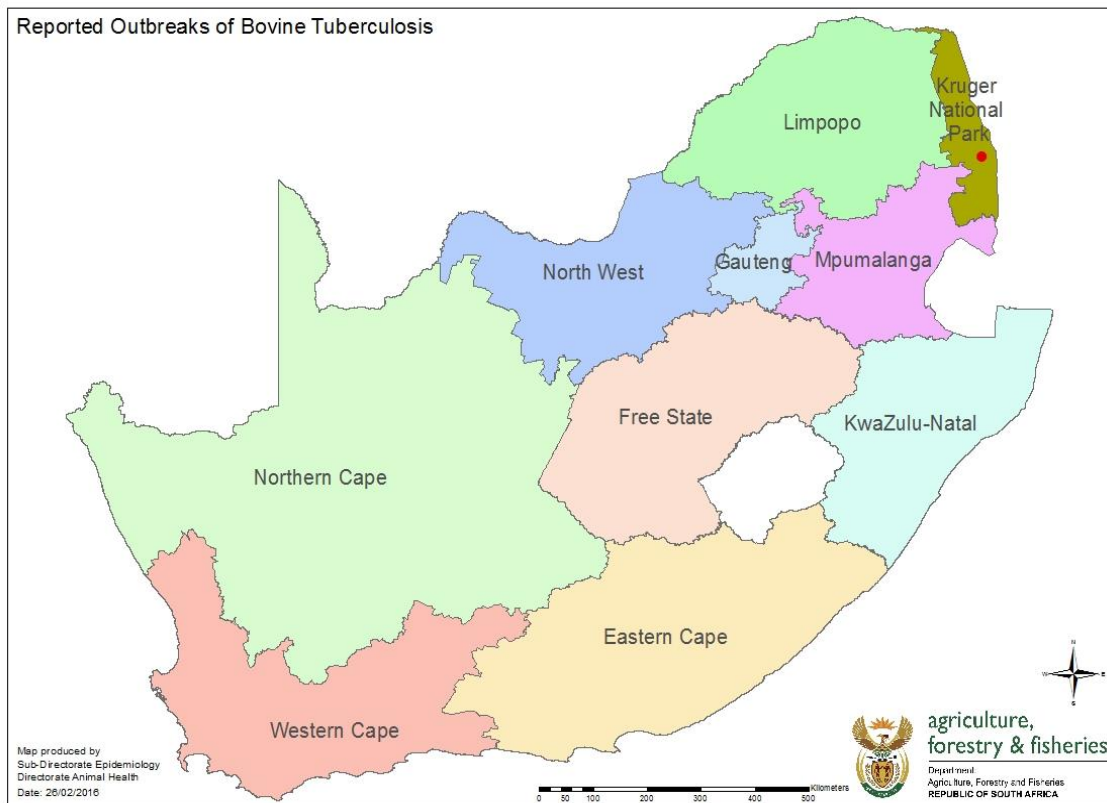| Province	Number of reported outbreaks
North West Province	1
Western Cape Province	2
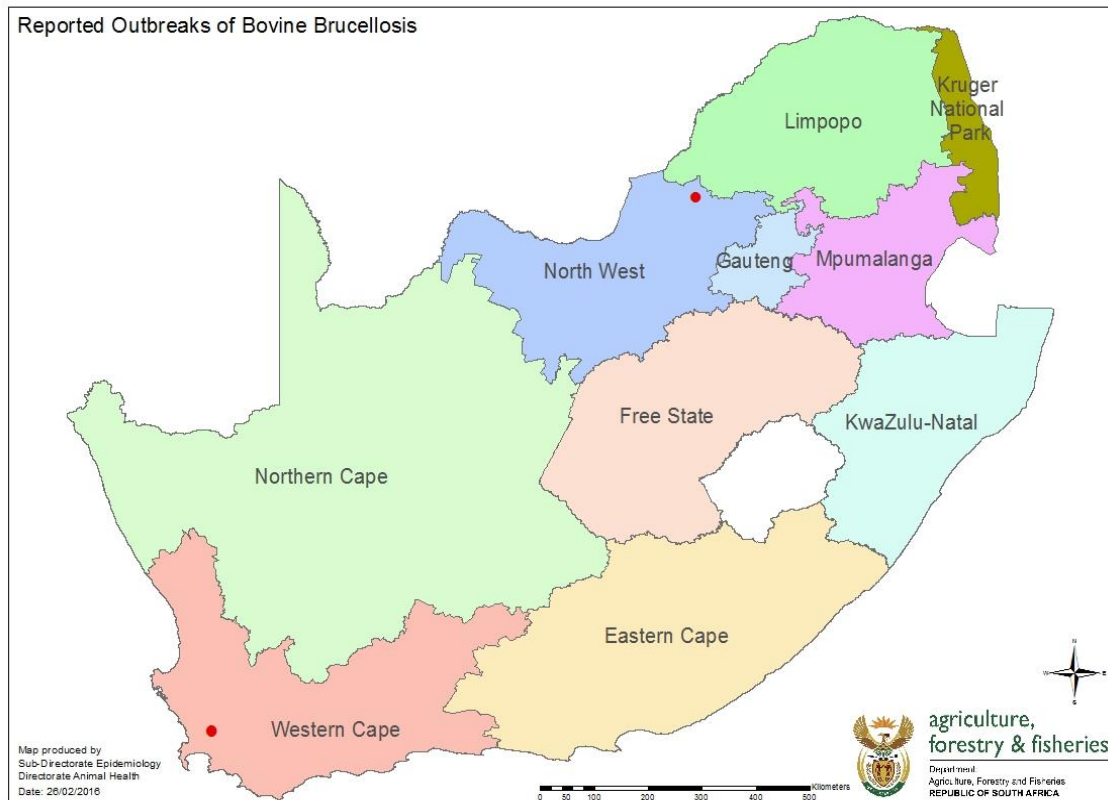
Bovine Tuberculosis

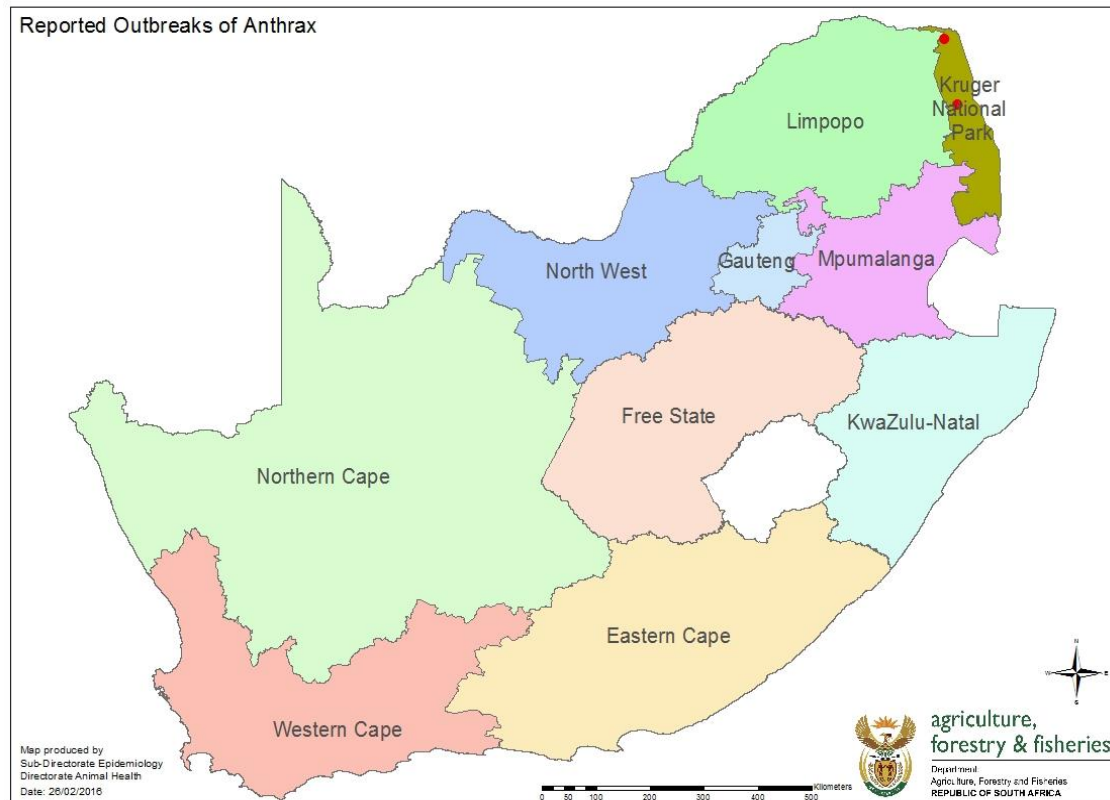The following table indicates the number of reported Bovine Tuberculosis outbreaks per province

Province	Number of reported outbreaks
Kruger National Park	1

Anthrax

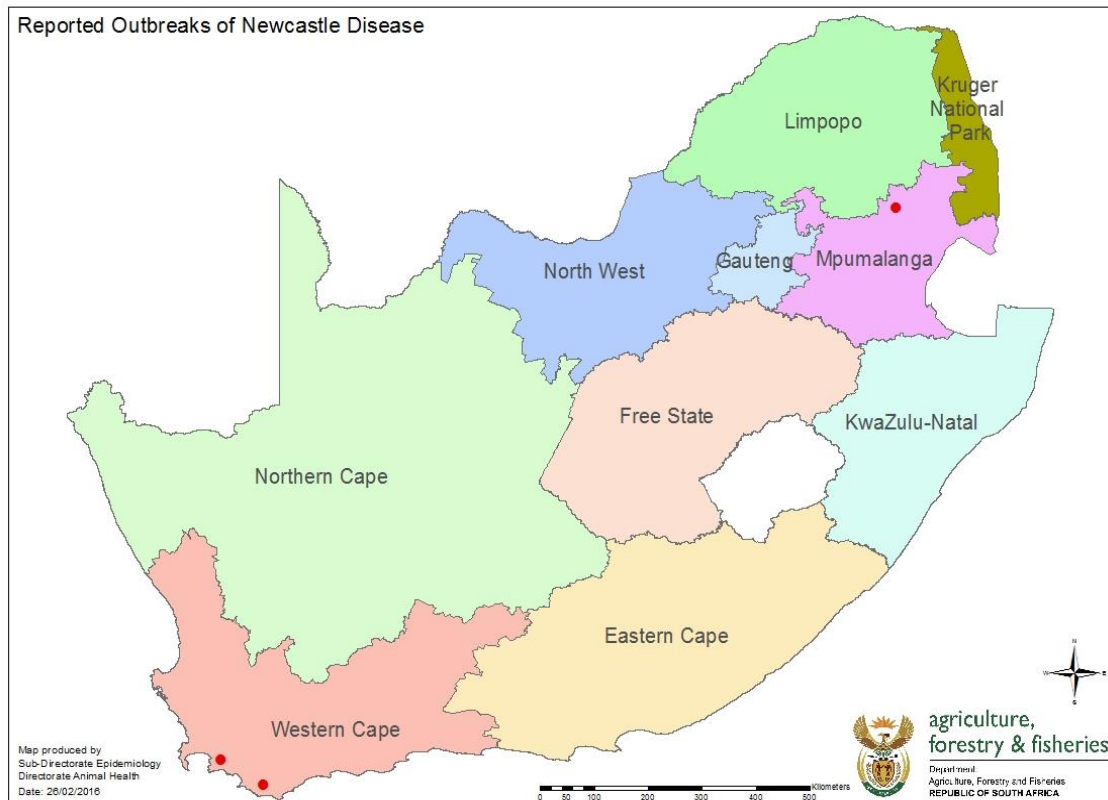The following table indicates the number of reported Anthrax outbreaks per province

Province	Number of reported outbreaks
Kruger National Park	2

Newcastle Disease

The following table indicates the number of reported Newcastle outbreaks per province

Province	Number of reported outbreaks
Mpumalanga	1
Western Cape Province	2

Disclaimer

Please take note that this report was automatically compiled using R, R-Studio, several R packages and the South African Animal Health Information System (SAAHIS). Any errors in the data will be copied verbatim into this report.

The data in this report only reflects reports received from the Provincial Veterinary Services and the data was not collected for the purposes of research. Any interpretation of this data should be done with full consideration of the situation on the ground and South Africa's Disease Reporting System.

For further details please contact the Sub-Directorate Epidemiology, Directorate Animal Health (Epidemiology@daff.gov.za).

References

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