Animal Disease Reporting
for the month
November 2022

agriculture, land reform
& rural development
Department:
Agriculture, Land Reform and Rural Development
REPUBLIC OF SOUTH AFRICA

Sub-Directorate Epidemiology
Directorate Animal Health
14 March 2023

Introduction

According to the Animal Diseases Act, 1984 (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, Land Reform and Rural Development. 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 November 2022 report

Total number of outbreak and vaccination reports (data lines)	3,287
Total number of outbreaks	238
Total number of animals involved (cases)	2,735
Total number of diseases involved in outbreaks	47
Total number of State Vet Areas that reported	103
Total number of Local Municipalities reported from	151
Total number of species involved in outbreaks	18

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	1	0	1	0	0	0	0	0	2
African Swine Fever	1	0	1	0	0	0	2	0	0	0	4
Avian Influenza: Highly Pathogenic: All HP, H5 And H7 / Fowl Plague	0	1	0	0	2	0	0	0	0	3	6
Avian Influenza: Low Pathogenic: Other	0	0	0	0	0	0	0	0	0	2	2
Bovine Brucellosis (Brucella abortus)	0	5	0	0	0	0	0	1	0	0	6
Bovine Tuberculosis (Mycobacterium bovis)	0	0	0	1	0	0	1	0	0	0	2
FMD - Virus SAT 2	0	0	0	0	1	0	0	0	0	0	1
FMD - Virus SAT 3	0	0	0	0	0	0	0	1	0	0	1
Newcastle Disease	0	0	0	0	0	0	2	0	0	0	2
Rabies	2	4	1	0	40	0	4	2	0	2	55
Salmonella enteritidis	0	2	0	0	0	0	1	0	0	0	3
Sheep Scab	0	0	0	0	0	0	0	0	0	1	1
Viral Haemorrhagic Disease Of Rabbits	2	0	0	0	0	0	0	0	2	19	23
Total	5	12	3	1	44	0	10	4	2	27	108

Notifiable diseases

The following table indicates the reports of Notifiable diseases

	Eastern Cape Province	Free State	Gauteng	Kruger National Park	KwaZulu-Natal	Limpopo	Mpumalanga	North West Province	Northern Cape Province	Western Cape Province	Total
Bovine Malignant Catarrhal fever	1	0	1	0	0	0	0	1	0	1	4
Lumpy Skin Disease	12	0	0	0	0	6	10	0	0	0	28
Swine Erysipelas / Diamond skin disease	0	1	0	0	0	0	0	1	0	0	2
Total	13	1	1	0	0	6	10	2	0	1	34

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	0	0	0	0	0	0	0	0	0	0	0
Babesiosis (Redwater)	0	0	0	0	0	0	0	0	0	0	0
Bovine ephemeral fever / Three day stiffness	0	0	0	0	0	1	0	0	0	0	1
Canine Babesioses	17	1	0	0	0	7	0	0	0	0	25
Canine brucellosis	0	0	0	0	0	0	0	0	0	1	1
Canine Distemper	0	0	0	0	0	2	0	0	2	0	4
Canine Ehrlichia	0	1	0	0	0	11	0	0	0	0	12
Canine Parvo Virus	0	2	0	0	0	15	0	0	0	0	17

	Eastern Cape Province	Free State	Gauteng	Kruger National Park	KwaZulu-Natal	Limpopo	Mpumalanga	North West Province	Northern Cape Province	Western Cape Province	Total
Coccidiosis	1	0	0	0	0	2	0	0	0	0	3
Contagious Pustular Dermatitis / Orf	2	0	0	0	0	0	0	0	0	0	2
E. coli/Colibacillosis	0	0	0	0	0	0	0	0	0	1	1
Foot-Rot	0	0	0	0	0	2	0	0	0	0	2
Goat Mange	0	0	0	0	0	1	0	0	0	0	1
Heartwater	2	0	0	0	0	5	0	0	0	0	7
Horse Mange	1	0	0	0	0	0	0	0	0	0	1
Mastitis	2	0	0	0	0	0	0	0	0	0	2
Mycoplasmosis (Mycoplasma gallicepticum)	0	0	0	0	0	0	0	0	0	1	1
Other Clostridial Infections	0	0	0	0	0	1	0	0	0	0	1
Total	25	4	0	0	0	47	0	0	2	3	81

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
KwaZulu-Natal	1
North West Province	1
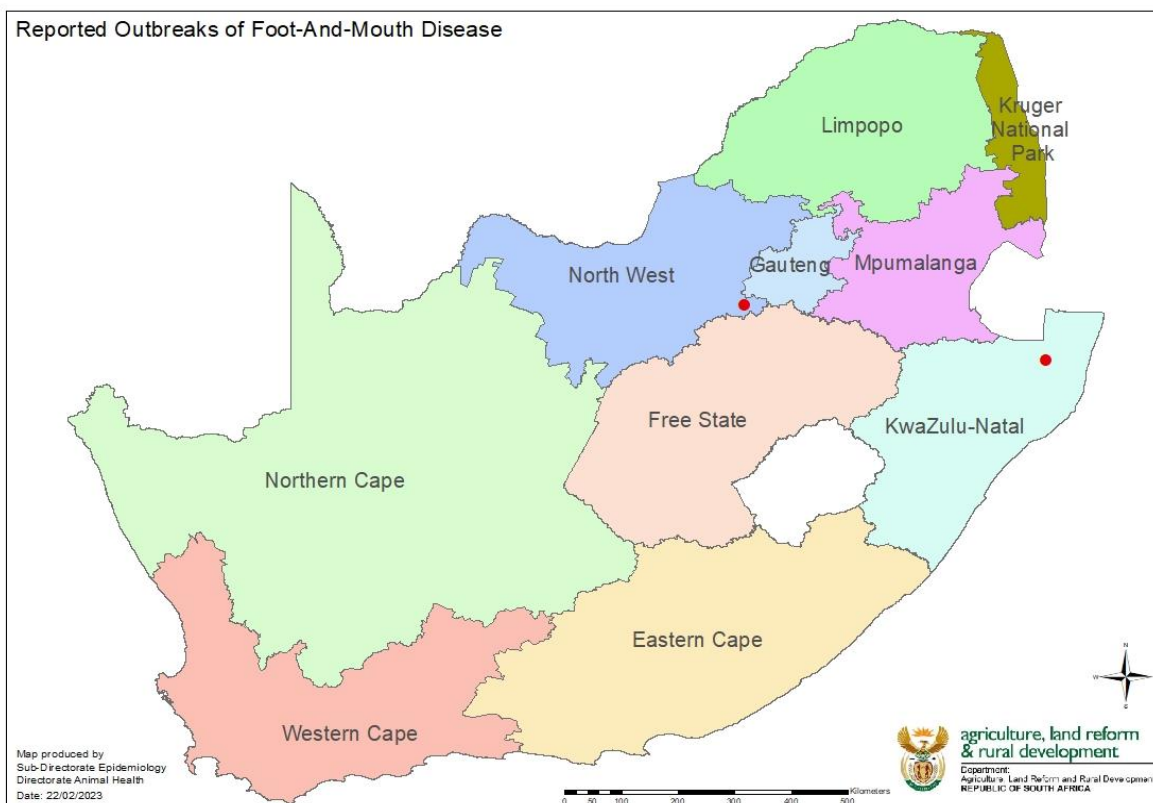
African swine fever (ASF)

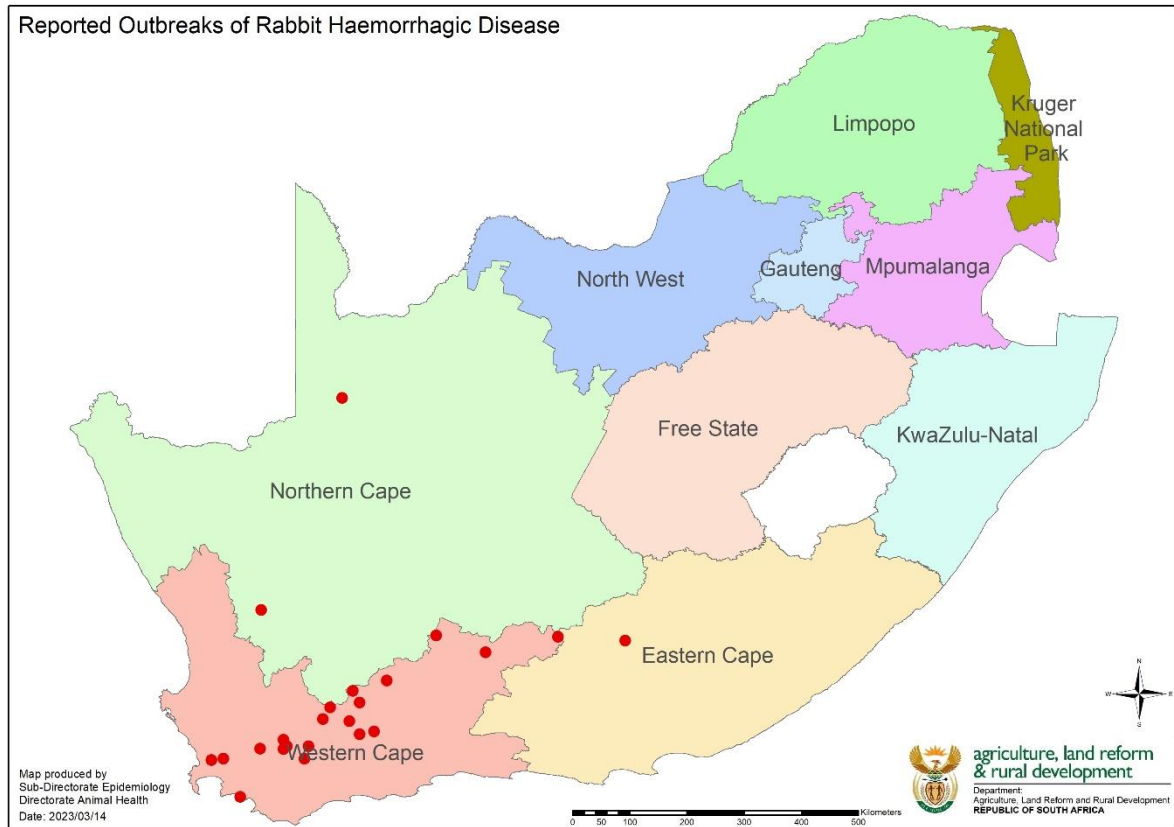The following table indicates the number of reported ASF outbreaks per province

Province	Number of reported outbreaks
Eastern Cape Province	1
Gauteng	1
Mpumalanga	2

Rabbit Haemorrhagic Disease (RHD)

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

Province	Number of reported outbreaks
Eastern Cape Province	2
Northern Cape Province	2
Western Cape Province	19

Reported Outbreaks of Rabbit Haemorrhagic Disease

Avian Influenza

The following table indicates the number of reported Avian Influenza outbreaks per province

Province	Avian Influenza Strain	Number of reported outbreaks
Free State	Avian Influenza: Highly Pathogenic: All HP, H5 And H7 / Fowl Plague	1
KwaZulu-Natal	Avian Influenza: Highly Pathogenic: All HP, H5 And H7 / Fowl Plague	2
Western Cape Province	Avian Influenza: Highly Pathogenic: All HP, H5 And H7 / Fowl Plague	3
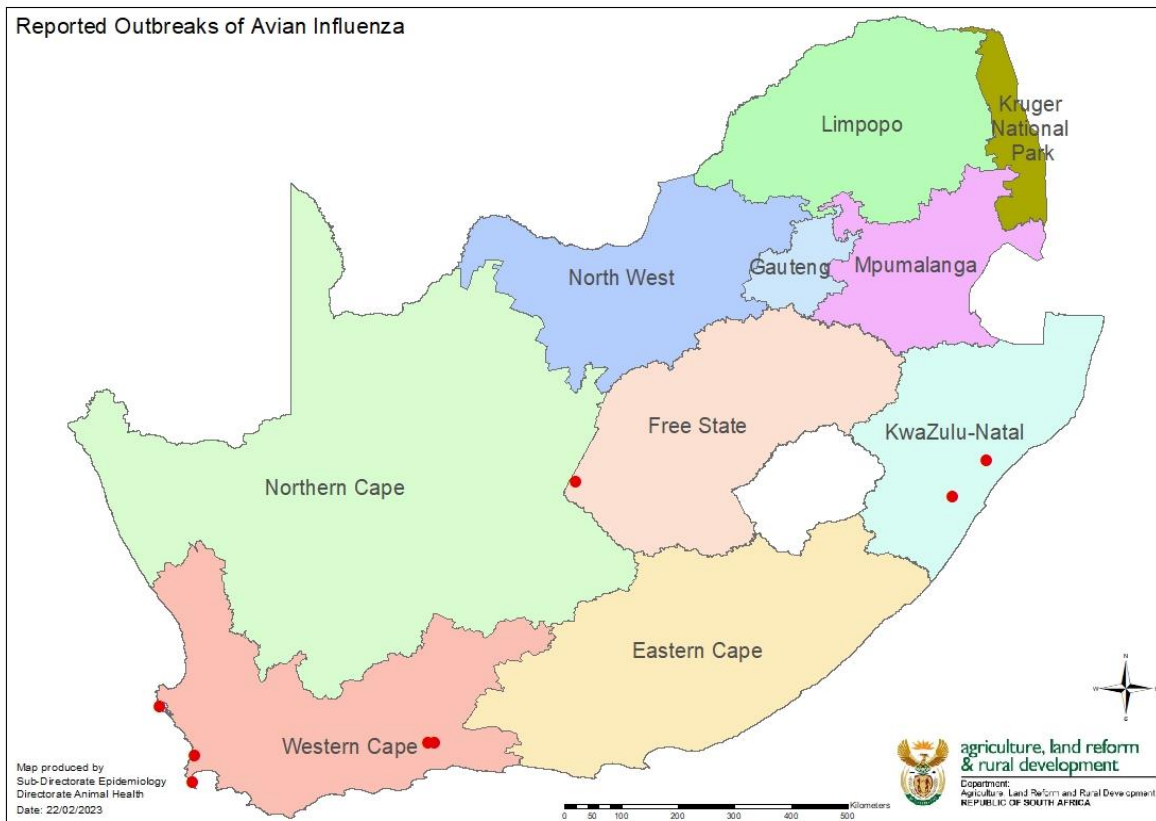
Rabies

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

Province	Number of reported outbreaks
Eastern Cape Province	2
Free State	4
Gauteng	1
KwaZulu-Natal	40
Mpumalanga	4
North West Province	2
Western Cape Province	2
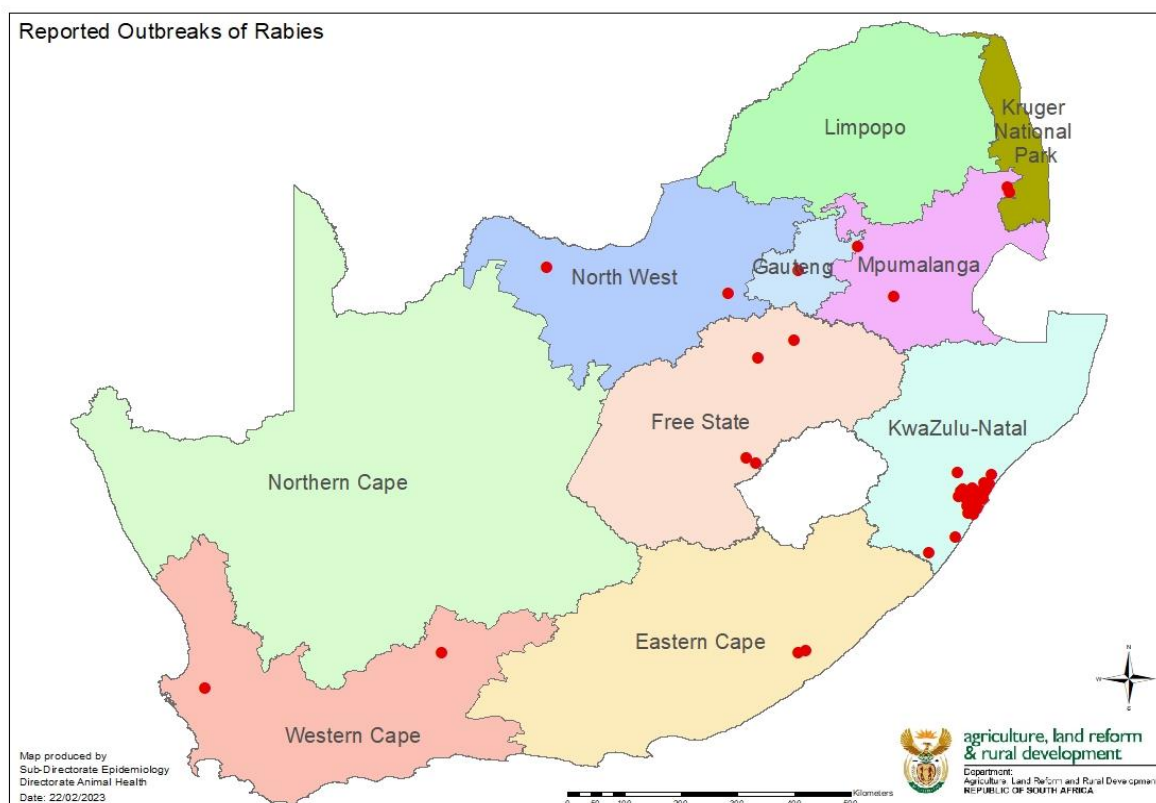
African Horse Sickness

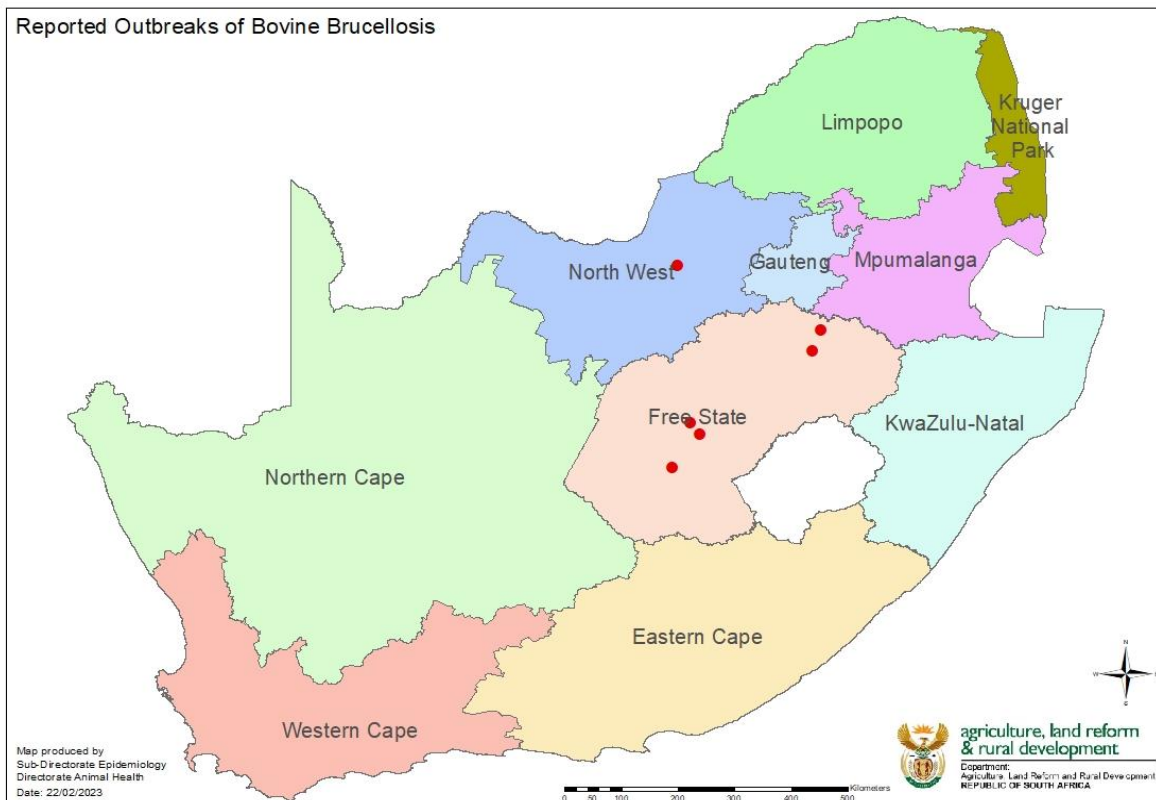The following table indicates the number of reported AHS outbreaks per province

Province	Number of reported outbreaks
Gauteng	1
KwaZulu-Natal	1
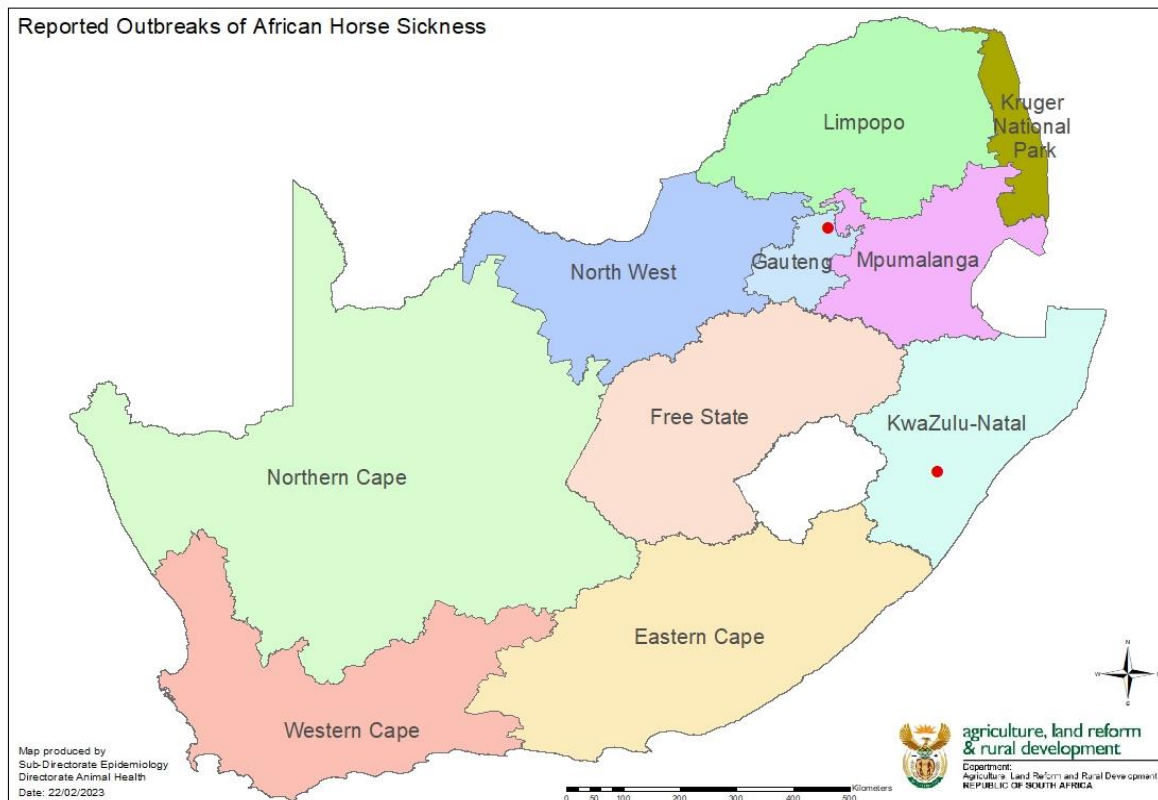
Bovine Brucellosis

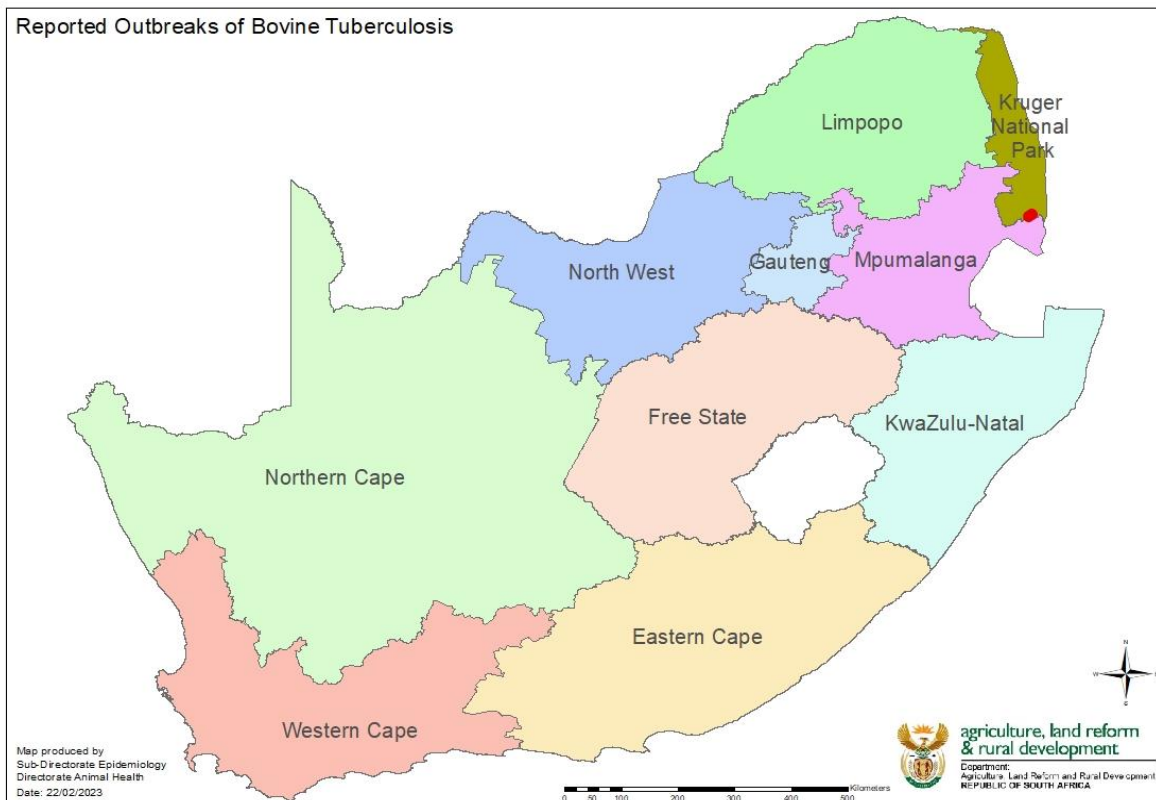The following table indicates the number of reported Bovine Brucellosis outbreaks per province

Province	Number of reported outbreaks
Free State	5
North West Province	1

Reported Outbreaks of Bovine Brucellosis

Bovine Tuberculosis

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

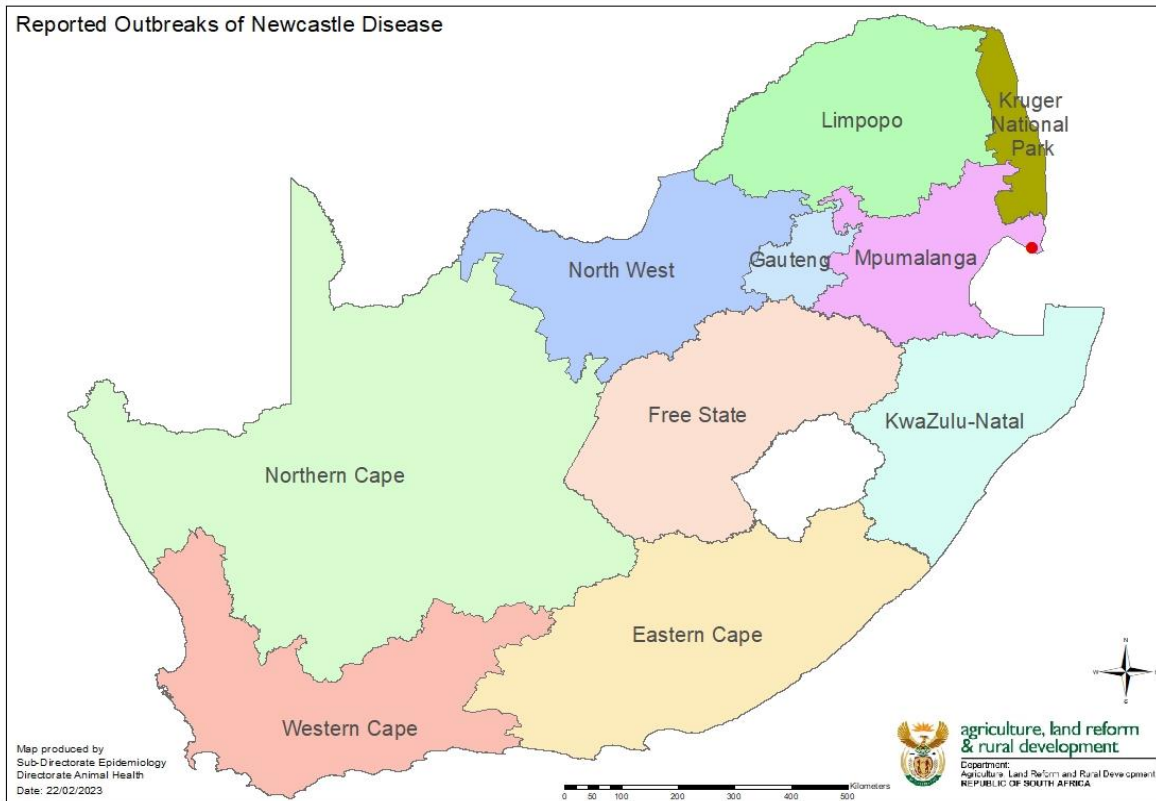| Province	Number of reported outbreaks
Kruger National Park	1
Mpumalanga	1

Newcastle Disease

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

Province	Number of reported outbreaks
Mpumalanga	2

Reported Outbreaks of Newcastle Disease

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@dalrrd.gov.za).

References

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