

Monthly report on livestock disease trends as informally reported by veterinarians belonging to the Ruminant Veterinary Association of South Africa (RuVASA), a group of the South African Veterinary Association

October 2015

Previous disease reports can be seen on the RuVASA website www.ruvasa.co.za

Click on Disease Reports

The following practices and laboratories (119) submitted reports during October 2015:

Mpumalanga (12)

Balfour – Dr. Louis van Jaarsveld
Bethal – Dr. Hardus Pieters
Delmas – Dr. Johan Jooste
Ermelo – Drs. Potgieter and Steinberg
Grootvlei – Dr. Neels van Wyk
Karino (Nelspruit) – Dr. Silke Pfitzer
Lydenburg – Drs. Trümpelmann and Steyn
Nelspruit – Dr. André Beytell
Middelburg – Drs. Fourie and Erasmus
Piet Retief - Drs. Niebuhr and Weber
Standerton – Dr. Kobie Kroon
Volksrust – Drs. Watson and Solomon

Gauteng (5)

Bapsfontein – Drs. Engelbrecht, Olivier and Ribbens
Bronkhorstspuit – Drs. De Bruin, De Bruin, Rudolph and Slabber
Nigel – Dr. Cindy van der Westhuizen
Onderstepoort Veterinary Academic Hospital – Proff. Annandale, Prozesky, Shakespear, Holm and Drs. De Haast, Esposito, Gratwick, Hamman, Harmse and O'Dell
Pretoria – Dr. Hanneke Pienaar

Limpopo (6)

Lephalale (Ellisras) – Dr. Brigitte Luck
Makhado – Dr. Freddie Harris
Mokopane (Potgietersrus) - Dr. Henk Visser
Polokwane (Pietersburg) – Drs. Watson, Viljoen, Jansen Van Vuuren, Van Rooyen, Snyman and Cremona
Tzaneen –Drs. Cordier and Du Toit

Vaalwater - Dr. Hampie van Staden

North West (10)

Brits – Drs. Boshoff and Coertze

Christiana - Dr. Pieter Nel

Klerksdorp – Drs. Van den Berg and Theron

Klerksdorp – Drs. Coetzee and Venter

Leeudoringstad - Dr. Ian Jonker

Lichtenburg – Dr. Nelmarie Krüger-Rall

Lichtenburg – Dr. Fritz Rass

Stella - Dr. Magdaleen Vosser

Ventersdorp/ Koster – Drs. Marais and Benadé

Vryburg – Dr. Jurie Kritzinger

Free State (24)

Bethlehem – Drs. Strydom and Strydom

Bethlehem – Dr. J.C. Du Plessis

Bloemfontein – Dr. Stephan Wessels

Bothaville – Dr. Johann Blaauw

Bultfontein – Dr. Santjie Pieterse

Clocolan – Dr. Liezel Wasserman

Dewetsdorp – Dr. Marike Badenhorst

Ficksburg – Drs.Kotze and Coetzer

Frankfort - Drs. Lessing, Cilliers and Janse van Rensburg

Harrismith - Drs.Thirion, Pretorius and Nel

Hertzogville – Dr. Nico Hendrikz

Hoopstad - Dr. Kobus Pretorius

Kroonstad – Drs. Daffue, Eksteen, Van Zyl and Van der Walt

Ladybrand/Excelsior - Drs. De Vos and Nel

Memel – Drs. Nixon and Nixon

Parys – Drs. Wessels and Wessels

Phillipolis – Dr. Stephan Vermeulen

Reitz - Dr. Murray Smith

Viljoenskroon - Dr. Johan Kahts

Villiers – Drs. Hattingh en Hauptfleisch

Vrede – Drs. Myburgh and Bester-Cloete

Wesselsbron –Dr. Johan Jacobs

Winburg –Drs. Albertyn and Albertyn

Zastron – Dr. Phillip Brand

KwaZulu-Natal (18)

Bergville - Dr. Ariena Shepherd

Bergville – Dr. Jubie Muller

Camperdown – Dr. Anthony van Tonder

Dundee - Dr. Tony Grace

Dundee – Drs. Marais and Fynn
Eshowe – Drs. Pryke and Hoffman
Estcourt – Drs. Turner, Tedder, Taylor, Tratschler, Van Rooyen and Alwar
Greytown – Dr. Mike Caldicott
Howick – Drs. Hughes, Lund, Gordon, Allison and Taylor
Ingogo – Dr. Trish Oglesby
Kokstad- Drs. Clowes and Shrives
Mooi River - Drs. Fowler, Hartley, Waterman and Mallet
Mtubatuba – Dr. Trever Viljoen
Newcastle – Dr. Barry Rafferty
Pietermaritzburg – Dr. Rick Mapham
Pongola – Dr. Heinz Kohrs
Underberg - Drs. Collins, King and Delaney
Vryheid – Drs. Theron and Theron

Eastern Cape (13)

Alexandria - Drs. Olivier and Dreyer
Alexandria – Dr. Thys Potgieter
Aliwal North – Drs. Troskie and Strauss
Cradock – Dr. Frans Erasmus
Graaff- Reinet - Dr. Roland Larson
Graaff –Reinet – Drs. Hobson, Strydom and Hennesy
Humansdorp - Drs. Van Niekerk, Jansen Van Vuuren, Barker and Kotze
Jeffreys Bay – Drs. Hoek, Lategan and McFarlane
Kareedouw- Dr. Marten Bootsma
Middelburg, Steynsburg, Barkly East – Drs. Van Rooyen and Viljoen
Port Alfred – Dr. Leon de Bruyn
Stutterheim - Dr. Dave Waterman
Uitenhage – Drs. Mulder and Krüger

Western Cape (15)

Beaufort West - Drs. Pienaar and Grobler
Caledon – Drs. Retief and Rissik
Darling – Drs. Van der Merwe, Adam and Senekal
George - Drs. Strydom, Truter, and Pettifer
Heidelberg – Dr. Albert van Zyl
Malmesbury – Dr. Otto Kriek
Malmesbury – Dr. Markus Fourie
Oudtshoorn – Dr. Glen Carlisle
Oudtshoorn – Dr. Adriaan Olivier
Piketberg – Dr. André van der Merwe
Plettenberg Bay – Dr. André Reitz
Riversdale – Drs. Du Plessis, Taylor and De Bruyn
Stellenbosch – Dr. Alfred Kidd
Swellendam – Drs. Malan and Venter

Vredenburg - Dr. Izak Rust

Northern Cape (7)

Calvinia – Dr. Bertus Nel

Colesberg – Drs. Rous and Rous

De Aar – Dr. Donald Anderson

Jan Kempdorp – Dr. Jan Brand

Kathu – Dr. Jan Vorster

Kimberley – Drs. Van Heerden and Swart

Upington – Drs. Vorster and Visser

Feedlots (2)

Drs. Morris and Du Preez

Dr. Andy Hentzen

Laboratory reports (7)

Dr. Mark Chimes - Deltamune laboratory

Dr. Marijke Henton - Idexx SA Johannesburg

Dr. Annelize Jonker – Stellenbosch Provincial Laboratory

Dr. Liza du Plessis – Idexx SA Onderstepoort

Dr. Alan Fischer – Queenstown Provincial laboratory

Dr. Rick Last – Vetdiagnostix, Pietermaritzburg

Dr. Emily Lane – National Zoological Gardens

Summary of disease report for October 2015

119 Reports from veterinary practices and laboratories were received (Mpumalanga (MP) 12; Gauteng (G) 5; Limpopo (L) 6; North West (NW) 10; Free State (FS) 24; KwaZulu-Natal (KZN) 18; Eastern Cape (EC) 13; Western Cape (WC) 15; Northern Cape (NC) 7; Feedlots (FL) 2 and Laboratories (Lab) 7).

Reports were also received from practices regarding ostriches, horses and game. These reports as well as the feedlot and laboratory reports are to be seen below the Disease distribution report as reported by veterinarians.

I received this newsletter from Barry Symons, retired cattle breeder and beef management consultant (Estcourt) and with his permission I would like to share it with you:

I know it is really tough out there and I have been searching my mind for something positive to tell you. It has taken me some time to pluck up enough courage to write to you, yet I must. What to do during this extended drought which looks as though it is not due to end too soon? Even if it rains today, for many of us there will not be green grass before about the end of November.

Make sure animals have roughage. If you are running short, split herds and open up paddock fences. You can't get smart about grazing systems now. You will be surprised what cattle can find to eat. If you have thorn trees, they will have green leaves and this is a valuable source of fodder.

Remember clean water is paramount. Watch out for muddy dams and vleis. Fence off if possible and pipe water to troughs. Consider carting water if necessary.

Keep up protein licks. Cows with calves need about 800-1000g/d of crude protein, so try to fulfil as much of this as possible. If you can get a supply of chicken litter then do so and pay whatever they ask. I am not ashamed to tell you that my 50 odd cows are eating 3.5kg litter/day and if this drought lasts any longer then I will up that figure without feeling any guilt. (This topic might be controversial but may be life saving. Remember to vaccinate your animals against botulism at least twice before giving chicken litter! <http://landbou.com/kundiges/vra-vir-faffa/hoendermis-as-aanvullende-voer-vir-beeste/> Faffa Malan)

Leave your bulls in with the cows for as long as you think it needs to get them into calf. Getting cows in calf is your priority. Remain focused on conception because this year a late calf will be better than no calf. Don't get smart with shortened breeding seasons!!

Offloading cattle and marketing. A good friend who knows his stuff advises:

- Sell any fat cow (C2) *NOW*. Prices are good and supply tight, but that will end before mid-December.
- Do whatever it takes to get a cow fat, but don't sell her thin (C1).
- Feeder oxen and heifers will be in demand in January again.
- Look long term and offload timeously.

There are a lot of positive things that we perhaps need to take note of during this really awful time.

Those of you who have real vleis, i.e. riverine grasslands, need to fence these off from the adjoining veld and use them as valuable sources of fodder in times of drought.

Take note that just about the only green in our grasslands is kikuyu grass. Manage these areas separately if they are large enough.

Where veld has not been grazed down too short during winter, *Themeda triandra* (i.e. Red grass) has flowered in spite of there being no rain.

There is no tulip in our lands; only holes in the ground where the porcupines have been eating the bulbs. What a pleasure!!

The Paper bark thorn trees are in full flower and what a sight! Their roots go deep to find water. Like them, our roots need to stay deep in the Lord to find sustenance for the soul! Psalm 1 says: "They are like trees beside a stream that bear fruit at the right time".

Hou die blink kant bo!

Best wishes,

Barry Symons (Glenbella Nursery glenbella@florasymons.co.za)

Reports of protein, energy and trace mineral deficiencies are increasing. The drought will take its toll on all of us and RuVASA sends their best wishes to all stock farmers during this difficult time.

Some areas received sufficient rain and we are thankful with those farmers.

Internal parasites

The following reports were received from practices regarding internal parasite infestations:

Internal parasites	MP	G	L	NW	FS	KZN	EC	WC	NC
Roundworms	x	X	x	x	x	x	x	x	
Resistant roundworms	x				x	x	x		
Wireworm	x	X		x	x	x	x	x	x
Brown stomach-worm						x	x	x	
Large-mouthed bowelworm									
Nodularworm									
Lungworm									
Tapeworms	x			x	x	x	x		
<i>Parafilaria</i>			x			x			
Liver fluke	x				x	x		x	
Conical fluke	x				x	x	x	x	
Cysticercosis (measles)	x			x	x	x			
Schistosomiasis (bilharzia)									
Coccidiosis	x	x		x	x	x	x	x	x

Be on the alert for signs indicating internal parasite infestation: anaemia, bottle jaw, weight loss and diarrhoea. Animals under stress are more susceptible to parasites.

Discuss control and preventative measures with your veterinarian.

External parasites

The following reports were received from practices regarding external parasite infestations:

External parasites	MP	G	L	NW	FS	KZN	EC	WC	NC
Blue ticks	x	x	x	x	x	x	x	x	
Resistant blue ticks					x				
Heartwater ticks	x	x	x	x		x	x		
Brown ear-ticks	x	x	x		x	x		x	
Bont-legged ticks	x	x	x	x	x	x		x	
Red-legged ticks	x	x		x	x	x		x	
Paralysis ticks	x	x			x	x			
Biting lice	x				x	x	x		
Sucking lice	x				x				

Update your vaccination programme and order vaccines and booster doses in advance!

To control and eradicate brucellosis is a top priority for all of us!

Viral diseases

The following viral diseases were reported by practices in the provinces:

Viral diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
BMC (snotsiekte)			x	x	x	x			x
Rabies					x	x	x		
BVD						x	x	x	
IBR				x	x	x	x		
BRSV									
PI3									
Rotavirus / Coronavirus							x		
Enzootic bovine leucosis (EBL)	x				x			x	
Sheep leucosis									
Jaagsiekte						x	x		
Orf		x	x	x	x	x	x	x	
Warts	x	x	x	x	x	x	x	x	

There is no treatment for viral diseases with the result that animals have to be protected by vaccinations if they are available.

Discuss vaccination programmes with your veterinarian.

Fungal diseases

The following fungal disease was reported by practices in the provinces:

Fungal diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
Ringworm			x	x	x	x	x	x	

Toxicities

The following toxicities were reported by practices in the provinces:

Toxicities	MP	G	L	NW	FS	KZN	EC	WC	NC
Cardiac glycoside			x		x			x	x
Gifblaar		x	x		x				
Gousiekte		x							
<i>Cestrum</i> (ink berry)				x	x		x		
Tulip	x	x			x	x	x		
<i>Cynanchum</i> (bobbejaantou)									
Facial eczema								x	
<i>Lantana</i>				x	x	x	x	x	

Prussic acid					X	X	X		
Senecio						X	X		
Geeldikkop (duwweltjies)					X			X	
Vermeersiekte					X				
Kikuyu									
Ryegrass							X	X	
Ganskweek							X		
Mycotoxycosis								X	
Diplodiosis									
Harpuisbos									
Syringa berries				X					
Kraalbos									
Crotolaria									
Radish									
Bracken fern									
Water contamination						X			
Nitrate	X						X	X	X
Urea				X				X	
Snake bite	X				X	X	X	X	
Blue green algae						X			
Copper									
Selenium									
Zinc									
Paraquat									
Phosamine									
Pyrethroid									
Levamisole									
Fluoride									

With the present dry conditions in many parts of the country the only green vegetation is tulip leaves. Young animals graze the leaves and are poisoned and many deaths were reported. The antidote is activated charcoal at 2 gram per kg body weight.

<http://landbou.com/kundiges/vra-vir-faffa/gif-en-geaktiveerde-houtskool/>

Look for ink berry plants which are deadly if eaten by animals. This plant is spread by birds eating the fruits.

Always be alert to prevent losses due to toxicities. Carefully read labels and packet inserts before using drugs!

Nutritional deficiencies

The following nutritional deficiencies were reported by practices in the provinces:

Deficiencies	MP	G	L	NW	FS	KZN	EC	WC	NC
Energy	X	X	X	X	X	X	X	X	
Protein	X	X	X	X	X	X	X	X	
Phosphate		X	X	X	X	X			

Other conditions: rectal prolapses

Discuss the origin, treatment and prevention of these diseases with your veterinarian

Metabolic diseases

The following diseases were reported by practices in the provinces:

Metabolic diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
Acidosis	x	x			x	x		x	
Displaced abomasum					x	x	x	x	
Ketosis		x			x	x	x		x
Milk fever	x	x			x	x		x	

Due to a lack of energy many ewes with twins contract domsiekte.

Discuss the etiology, treatment and prevention of these diseases with your veterinarian

Reproductive diseases

Reproductive diseases	MP	G	L	NW	FS	KZN	EC	WC	NC
Dystocia (difficult births)	x	x	x	x	x	x	x	x	x
Endometritis	x				x	x		x	
Metritis	x	x		x	x	x	x	x	
Poor conception	x			x	x	x	x	x	
Retained afterbirth	x		x	x	x	x	x	x	
Sheath prolapse	x				x	x			
Uterine prolapse	x		x	x	x	x	x	x	x
Vaginal prolapse	x	x		x	x	x	x	x	

Fertility of animals is one of the most important factors determining the success of farming.

Discuss all issues with your veterinarian.

Environmental conditions

	MP	G	L	NW	FS	KZN	EC	WC	NC
Exposure to cold	x							x	
Heat stress	x			x	x	x		x	
Lightning									
Drought			x	x	x	x			

Other conditions: drug residues (G); predators (G, FS, KZN); theft and sabotage (FS, KZN).

Comment:

In the CODE OF CONDUCT of the RPO the following standard operating procedures are documented. The local veterinarian should be your partner to help you achieve the necessary standards. <http://www.rpo.co.za/BestPractices/English.aspx>

PRECAUTIONARY MEASURES TO SUPPORT BIO-SECURITY.

Precautionary measures are required to protect the herd against diseases acquired because of external contact. The following categories are of concern:

1. DIRECT LIVESTOCK PURCHASES (and own animals returning):

The following should be *verified* before importing new animals into the herd:

- How long animals have resided at the purchase or previous location?
- Have there been any recent disease outbreaks in the location?
- Do brand marks clearly confirm ownership?
- Was a vaccination program followed (need paper or veterinarian proof). What are the local prevalent external parasites and the routinely implemented control program?
- Is a veterinarian supported control program against transmittable diseases followed?
- Dates and sufficient number of tests for reproductive diseases of both male and female
- Dates and tests for zoonotic diseases

The above should also be verified with the purchaser's own veterinarian.

2. PURCHASES FROM SALES OR SPECULATORS

- Purchase only in areas which are not in close proximity to scheduled areas
- Visually inspect the animals before purchasing for:

* brand marks

* parasite infestation

3. TRANSPORT TO THE FARM

- Use only reputable transporters
- Has the truck been cleaned and disinfected?
- Truck to follow the shortest uninterrupted route
- Truck to take the shortest route to the handling facilities
- Do not allow the truck personnel to get in contact with the farm herd

4. ARRIVAL ON THE FARM

- Off-load the livestock to limit stress and to be visually evaluated for any unnatural conditions
- Isolate them from the farm herd and shared facilities for at least 21 days (quarantine)
- Retest for diseases of concern if needed, before mixing with the rest of the herd
- Process new arrivals within 24 hrs after arrival (unique ID tag brand, dip, dose, vaccinate)
- Inspect regularly

5. FEED PURCHASES

- Ensure bales of hay are sourced from areas that are not bordering scheduled areas
- Purchase feed from reputable dealers only
- Avoid buying feed in second hand bags
- Ensure feed trucks are also disinfected and cleaned, especially if also used to transport animals to abattoirs

6. VISITORS

- Do not allow strangers or their vehicles amongst the livestock
- Ensure fences are well maintained and preferably jackal and warthog proof

7. EMPLOYEES

- Do not allow the employees to eat in feed stores
- Supply employees with sufficient ablution facilities
- Regularly arrange to let employees be medicated for tape worm and have health check-ups
- Keep record of all employee livestock on the property
- Treat employee livestock with separate but dedicated health programs
- Ensure employees understand the reason behind the implemented bio-security measures to help ensure compliance.

GENERAL AND REPRODUCTION MANAGEMENT

- Record keeping: All animals are individually identified and recorded.
- To prove ownership: All animals are marked with the registered brand mark according to the Animal Identification Act, No 6 of 2002.
- A defined breeding season is the basis of effective management: The breeding season coincides with the rainy season, i.e. the period when nutritive value of the pasture is at its best.
- Sufficient energy reserves in the herd as measured by condition scoring are vital, especially for effective breeding, and when inadequate the herd is supplemented in consultation with a nutritionist: Condition scoring of bulls and cows are regularly done, particularly at the onset of the breeding season and supplemented if necessary.
- Bull - cow ratios are maintained: A ratio of 1 to 25 is maintained in every separate herd.
- Fertility of breeding bulls: All breeding bulls are tested for mating ability and semen quality before the breeding season.
- Sexually transferable diseases: Sheath washes or scrapes on bulls are performed annually.
- Diseases that can cause poor conception, abortion or weak calves: Cows are vaccinated against such diseases in consultation with the veterinarian.
- Breeding success monitored by a veterinarian: Rectal pregnancy or scan diagnosis is done by the veterinarian 8 weeks after the breeding season.
- Twenty percent of cows or more not pregnant: Further tests are done to determine cause of low pregnancy rate.
- Culling of non-pregnant cows: Non-pregnant cows are removed from the herd and considered a necessary bonus to supporting herd income.

HERD HEALTH AND BIO-SECURITY

- Maintenance of herd health is key to a successful enterprise: A veterinarian should visit the farm bi-annually at least.
- Calf mortality before 3 months of age is an important reason for poor weaning percentage: Good management practices are applied to limit early calf deaths.
- Some diseases and parasites (internal and external) are more often encountered in specific areas: Annual vaccinations and a parasite control program should be applied according to regional requirements and in liaison with the veterinarian.
- Farmers selling weaned calves to feedlots may want to have a market advantage compared to others: A specific vaccination program is applied before weaning for that purpose.
- Herds may be at risk of being exposed to CA and TB: The herd is tested annually for CA and all heifers are vaccinated against CA between 4 and 8 months of age with an efficient, approved remedy. The herd is tested at least every 5 years for TB
- Precautionary measures are required to prevent diseases being imported into the herd: A quarantine program to keep incoming animals separate is followed. All incoming animals have a suitable certificate of negative test results or are of a certified clean, closed herd.

- Stock remedies and medicines should be registered, correctly stored and used before the transpire date: All medicines and stock remedies are registered, stored and applied according to prescription.
- Prescribed medicines with a specific application are under the control of the veterinary profession: All prescription medicines are obtained and applied under prescription from a veterinarian.

DISEASE DISTRIBUTION REPORT AS REPORTED BY VETERINARIANS

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<u>Internal Parasites</u>	Roundworms in general , Resistant Round Worms , Wireworm , Brown stomach-worm , Tape Worms , Parafilaria , Liver fluke , Conical Flukes , Cysticercosis
<u>External Parasites</u>	Blue ticks , Resistant blue Ticks , Heartwater (Bont) ticks , Brown ear-ticks , Bont-legged ticks , Red-legged ticks , Paralysis ticks , Biting lice (red lice) , Sucking lice (blue lice) , Scab mites , Mange Mites , Nuisance Flies , Blowflies , Screw-worm , Nasal bot larvae , Midges
<u>Tick-borne Diseases</u>	African red water , Asiatic red water , Anaplasmosis , Heartwater , Sweating Sickness , Corridor disease
<u>Insect Transmittable Diseases</u>	Lumpy skin disease , Three-day-stiffsickness , Blue tongue
<u>Venereal Diseases</u>	Trichomonosis , Vibriosis , Pizzle disease
<u>Bacterial Disease (other)</u>	Blackquarter , Botulism , Pulpy Kidney , Lamb dysentery , Swelled head disease , Redgut (cattle) , Blood gut (Sheep) , Tetanus , Salmonellosis , Brucella abortus , Brucella ovis , Johne` s disease , Leptospirosis , Pseudomonas , Septicaemia , E. coli , Enzootic Abortion , Dermatophilosis (Lumpy Wool) , Fusibacterium necrophorum , Other
<u>Protozoal diseases (other)</u>	Coccidiosis
<u>Fungal diseases</u>	Ringworm
<u>Viral Diseases (other)</u>	BMC , Rabies , BVD (Bovine viral diarrhoea) , IBR (Infectious bovine rhinotracheitis) , Enzootic Bovine Leucosis (EBL) , Jaagsiekte , Orf , Warts , Other viral disease not listed
<u>Poisonings (Plant) and Fungal</u>	Cardiac glycoside poisoning , Cestrum , Cotula nigellifolia (Stagger wood) , Facial eczema , Geeldikkop/Dikoor , Gifblaar , Gousiekte , Lantana , Nenta poisoning (Krimpsiekte) , Nitrate poisoning , Prussic acid poisoning , Rye grass poisoning , Seneciosis , Tulip Poisoning , Vermeersiekte (Gaigeria spp.) , Mycotoxycosis , Other
<u>Poisonings</u>	Water contamination , Urea Poisoning , Snake Bite , Blue-green algae , Other

Macro Nutritional Problems	Energy deficiency , Protein deficiency , Phosphate deficiency , Calcium deficiency
Micro Nutritional Problems	Iodine deficiency , Copper deficiency , Zinc deficiency , Selenium deficiency , Magnesium deficiency , Manganese deficiency , Iodine deficiency , Vitamin A deficiency
Multi-factorial Disease Conditions	Abortions , Stillbirths , Abscesses , Abscesses in general , Bladder stones , Blindness , Bloat , Blue udder , Diarrhoea , Epididymitis , Eye Cancer , Eye infections , Joint Ill , Lameness/Foot Problems , Lung infection , Mastitis in general , Navel Ill , Trauma , Downer , Other
Metabolic Diseases	Acidosis , Displaced abomasum , Ketosis , Milk Fever
Reproductive diseases	Dystocia (Difficult Births) , Endometritis , Metritis , Poor conception , Retained afterbirth , Sheath Prolaps , Uterus prolaps , Vaginal (Cervical) prolaps
Climatical Cause	Cold exposure , Drought , Heat stress , Lightning , Frozen to death
Residues	Drug residues
Non specific diseases	Cause of death not established , Preditors , Sabotation - Theft , Trauma

Internal Parasites

Roundworms in general

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.2 (5)	1.5 (4)	2.0 (4)	1.8 (5)	2.4 (7)	2.3 (9)	2.3 (10)	2.1 (8)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)		1.0 (1)	2.0 (1)	2.0 (1)	2.0 (1)			
Dairy						3.0 (1)			
Sheep	1.3 (3)	1.7 (3)	2.0 (2)	2.0 (2)	2.5 (6)	2.5 (4)	2.0 (7)	2.3 (6)	
Goat	1.0 (1)	1.0 (1)	3.0 (1)	1.5 (2)		2.0 (3)	3.0 (3)	1.5 (2)	

Mpumalanga

Balfour, Balfour Dierkliniek

Sheep: 1

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 1

Lydenburg, Lydenburg Dieresprekkamer

Sheep: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Sheep: 1, Goat: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierkliniek

Sheep: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Sheep: 1, Goat: 1
Limpopo
Mokopane, Dr Henk Visser
Sheep: 1
Polokwane, Pietersburg Veterinary Clinic
Beef: 1, Sheep: 3, Goat: 3
North West
Klerksdorp, Buffeldoorn Dierehospitaal
Goat: 1
Klerksdorp, Klerksdorp Dierehospitaal
Sheep: 2
Lichtenburg, Lichtenburg
Beef: 2, Sheep: 2, Goat: 2
Free State
Bloemfontein, Dr Stephan Wessels
Sheep: 3
Clocolan, Clocolan Dierekliniek
Sheep: 2
Frankfort, Frankfort Dierekliniek
Sheep: 3
Harrismith, Harrismith Dierehospitaal
Sheep: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Sheep: 2
Memel, Memel Veterinary Clinic
Sheep: 3
Parys, Parys Dierehospitaal
Beef: 2
Kwazulu-Natal
Dundee, Endumeni Herd health
Sheep: 2, Goat: 2
Eshowe, Eshowe Veterinary Hospital
Sheep: 3
Mortalities in Zulu sheep
Howick, Howick Veterinary Clinic
Dairy: 3, Sheep: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Pongola, Pongola Animal Clinic
Sheep: 2, Goat: 2
Eastern Cape
Aliwal North, Uitspan C Troskie
Sheep: 1
Graaff-Reinet, Camdeboo Veterinary Clinic
Sheep: 2, Goat: 3
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 3, Goat: 3
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 2
Queenstown, Queenstown Provincial Vet Lab
Sheep: 2
Queenstown, Queenstown Veterinary clinic
Sheep: 1

Uitenhage, Uitenhage Dierehospitaal
Sheep: 3, Goat: 3
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 3
Several farms with roundworms, not severe cases
Caledon, Overberg Veterinary Hospital
Sheep: 2
George, George Animal Hospital
Sheep: 3
Heidelberg (WC), Heidelberg Dierekliniek
Sheep: 2
Oudtshoorn, Oudtshoorn Dierekliniek
Sheep: 2
Riversdale, Riversdal Dierekliniek
Sheep: 2, Goat: 2
Swellendam, Swellendam Dierehospitaal
Goat: 1

Resistant Round Worms									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.5 (2)				3.0 (1)	1.0 (1)	2.0 (2)		
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	1.5 (2)				3.0 (1)	1.0 (1)	2.0 (1)		
Goat							2.0 (1)		

Mpumalanga
Balfour, Balfour Dierekliniek
Sheep: 1
Lydenburg, Lydenburg Dieresprekkamer
Sheep: 2
Free State
Bloemfontein, Dr Stephan Wessels
Sheep: 3
Kwazulu-Natal
Dundee, Endumeni Herd health
Sheep: 1
Eastern Cape
Cradock, Cradock Veterinary Clinic
Sheep: 2
Closantel resistance
Graaff-Reinet, Camdeboo Veterinary Clinic
Goat: 2

Wireworm									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	2.0 (1)	2.0 (1)		3.0 (1)	2.7 (3)	2.0 (4)	2.0 (4)	2.3 (3)	3.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	2.0 (1)	2.0 (1)		3.0 (1)	2.7 (3)	2.0 (2)	1.7 (3)	2.5 (2)	3.0 (1)
Goat						2.0 (2)	3.0 (1)	2.0 (1)	

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Sheep: 2

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 2

North West

Vryburg, Vryburg Dierehospitaal

Sheep: 3

Free State

Bethlehem, Bethlehem Animal Hospital

Sheep: 3

Clocolan, Clocolan Dierekliniek

Sheep: 2

Frankfort, Frankfort Dierekliniek

Sheep: 3

Kwazulu-Natal

Dundee, Endumeni Herd health

Sheep: 2, Goat: 2

Estcourt, Estcourt Vet Clinic

Goat: 2

Kokstad, E.G.Veterinary Services

Sheep: 2

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Sheep: 1, Goat: 3

Humansdorp, Humansdorp Veterinary Clinic

Sheep: 2

Port Alfred, Port Alfred Veterinary Clinic

Sheep: 2

Bathurst

Western Cape

George, George Animal Hospital

Sheep: 3

Riversdale, Riversdal Dierekliniek

Sheep: 2, Goat: 2

Northern Cape

Colesburg, Karoo Veterinary Hospital

Sheep: 3

Brown stomach-worm



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						3.0 (1)	1.7 (3)	1.5 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Dairy						3.0 (1)			
Sheep							1.7 (3)	1.5 (2)	
Kwazulu-Natal									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Eastern Cape									
Cradock, Cradock Veterinary Clinic									
Sheep: 3									
Lambs on irrigated pastures									
Humansdorp, Humansdorp Veterinary Clinic									
Sheep: 1									
Queenstown, Queenstown Veterinary clinic									
Sheep: 1									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Sheep: 2									
Riversdale, Riversdal Dierekliniek									
Sheep: 1									
Tape Worms									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)			3.0 (3)	1.6 (5)	2.3 (3)	1.5 (6)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					1.0 (1)	3.0 (1)			
Sheep	1.5 (2)			3.0 (2)	1.8 (4)	3.0 (1)	1.4 (5)		
Goat				3.0 (1)		1.0 (1)	2.0 (1)		
Mpumalanga									
Middelburg , Middelburg Dierehospitaal									
Sheep: 1									
Nelspruit, Nelspruit Animal Hospital									
Sheep: 2									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Sheep: 3, Goat: 3									
Lichtenburg, Lichtenburg									
Sheep: 3									
Free State									
Bloemfontein, Dr Stephan Wessels									
Sheep: 2									
Hertzogville, Hertzogville Dierekliniek									
Sheep: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 1									
Kwazulu-Natal									

Kokstad, E.G.Veterinary Services
Beef: 3, Sheep: 3
Newcastle, Ncanduvet Newcastle
Goat: 1
Eastern Cape
Aliwal North, Uitspan C Troskie
Sheep: 1
Graaff-Reinet, Camdeboo Veterinary Clinic
Goat: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 1
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 2
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 2
Port Alfred, Port Alfred Veterinary Clinic
Sheep: 1
Bathurst

Parafilaria										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.5 (2)			2.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef			1.5 (2)			2.0 (1)			
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Limpopo
Mokopane, Dr Henk Visser
Beef: 2
Polokwane, Pietersburg Veterinary Clinic
Beef: 1
Kwazulu-Natal
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2

Liver fluke										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)				2.0 (4)	2.3 (3)		1.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (2)				2.0 (3)	2.0 (2)			
Dairy						3.0 (1)		1.0 (1)	
Sheep					2.0 (1)				

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Middelburg , Middelburg Dierehospitaal

Beef: 1
Free State
Clocolan, Clocolan Dierekliniek
Beef: 2
Frankfort, Frankfort Dierekliniek
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 2, Sheep: 2
Kwazulu-Natal
Dundee, Endumeni Herd health
Beef: 1
Howick, Howick Veterinary Clinic
Beef: 3, Dairy: 3
Western Cape
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 1

Conical Flukes									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)				1.3 (4)	2.3 (3)	1.0 (1)	1.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (2)				1.3 (4)	2.0 (2)	1.0 (1)	1.0 (1)	
Dairy						3.0 (1)			

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Bethal, Bethal Dierekliniek
Beef: 1
Free State
Clocolan, Clocolan Dierekliniek
Beef: 1
Frankfort, Frankfort Dierekliniek
Beef: 2
Harrismith, Harrismith Dierehospitaal
Beef: 1
Reitz, Riemland Dierekliniek
Beef: 1
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Beef: 1
Howick, Howick Veterinary Clinic
Beef: 3, Dairy: 3
Eastern Cape
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 1
Western Cape
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1

Cysticercosis ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.7 (3)			1.0 (1)	1.0 (3)	2.0 (1)			
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (2)			1.0 (1)	1.0 (2)	2.0 (1)			
Sheep					1.0 (1)				
Goat	1.0 (1)								

Mpumalanga									
Bethal, Bethal Dierekliniek									
Beef: 1									
Ermelo, Môregloed Veterinêre Spreekkamer									
Goat: 1									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Abattoir inspections									
North West									
Brits, Brits Dierekliniek									
Beef: 1									
Free State									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Sheep: 1									
Reitz, Riemland Dierekliniek									
Beef: 1									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									

External Parasites

Blue ticks ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	2.0 (8)	2.0 (2)	2.3 (3)	2.8 (4)	2.2 (13)	2.1 (13)	1.7 (3)	2.4 (5)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.9 (7)	2.0 (2)	2.3 (3)	2.8 (4)	2.1 (10)	2.2 (10)	1.7 (3)	2.5 (2)	
Dairy	3.0 (1)				2.0 (1)	3.0 (1)		2.3 (3)	
Sheep					2.5 (2)	1.0 (1)			
Goat						1.0 (1)			

Mpumalanga

Bethal, Bethal Dierekliniek
Beef: 1
Ermelo, Moregloed Veterinere Spreekkamer
Beef: 2
Grootvlei, Grootvlei Dierekliniek
Beef: 1
Middelburg , Middelburg Dierehospitaal
Beef: 2
Nelspruit, Nelspruit Animal Hospital
Beef: 3, Dairy: 3
Standerton, Econovet
Beef: 2
Volksrust, Cape Cross Volksrust Dierehospitaal
Beef: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 2
Pretoria, Anima Veterinary Consulting Rooms
Beef: 2
Limpopo
Makhado, Blouberg Dierekliniek
Beef: 3
Mokopane, Dr Henk Visser
Beef: 1
Polokwane, Pietersburg Veterinary Clinic
Beef: 3
North West
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 2
Lichtenburg, Dr CM Kruger-Rall
Beef: 3
Lichtenburg, Lichtenburg
Beef: 3
Stella, Stella Dierekliniek
Beef: 3
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 3
Clocolan, Clocolan Dierekliniek
Beef: 2
Frankfort, Frankfort Dierekliniek
Beef: 3
Harrismith, Harrismith Dierehospitaal
Beef: 2, Sheep: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 2, Dairy: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 1
Memel, Memel Veterinary Clinic
Beef: 1
Winburg, Winburg Dierekliniek
Beef: 2

Zastron, Zastron Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Bergville, Tugela Vet Clinic									
Beef: 2									
Dundee, Endumeni Herd health									
Beef: 2, Sheep: 1, Goat: 1									
Howick, Howick Veterinary Clinic									
Beef: 3, Dairy: 3									
Ingogo, Gen XY Stud Beef Consultancy									
Beef: 2									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Underberg, Underberg Veterinary Surgery									
Beef: 1									
Vryheid, Dr GH Theron									
Beef: 3									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 1									
Aliwal North, Uitspan C Troskie									
Beef: 2									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Beef: 2									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Beef: 2, Dairy: 2									
George, George Animal Hospital									
Beef: 3, Dairy: 3									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Resistant blue Ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (1)				
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					2.0 (1)				
Free State									
Parys, Parys Dierehospitaal									
Beef: 2									
Ticks still on treated cattle 2 weeks after treatment with cypermethrin/amitraz/piperonyl butoxide combination.									
Heartwater (Bont) ticks									^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.5 (2)	2.0 (2)	2.6 (7)	2.5 (4)		2.2 (13)	2.0 (2)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.5 (2)	1.0 (1)	2.7 (3)	2.3 (3)		2.4 (5)	2.0 (1)		
Sheep		3.0 (1)	2.5 (2)	3.0 (1)		2.0 (3)	2.0 (1)		
Goat			2.5 (2)			2.2 (5)			

Mpumalanga

Lydenburg, Lydenburg Dieresprekkamer

Beef: 2

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 3

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3

Mokopane, Dr Henk Visser

Beef: 2, Sheep: 2, Goat: 2

Polokwane, Pietersburg Veterinary Clinic

Beef: 3, Sheep: 3, Goat: 3

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 2

In the koppies at Hartebeesfontein, heartwater is prevalent due to game bringing in the heartwater infected ticks. Winter was not very cold. This problem is on the increase.

Lichtenburg, Lichtenburg

Beef: 2

Stella, Stella Dierekliniek

Beef: 3, Sheep: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Dundee, Endumeni Herd health

Beef: 1, Sheep: 1, Goat: 1

Eshowe, Eshowe Veterinary Hospital

Goat: 2

Sporadic mortalities in indigenous goats

Mtubatuba, Mtubatuba Animal Clinic

Beef: 3, Goat: 3

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 2, Sheep: 2, Goat: 2

Pongola, Pongola Animal Clinic

Beef: 3, Sheep: 3, Goat: 3

Eastern Cape

Uitenhage, Uitenhage Dierehospitaal

Beef: 2, Sheep: 2

Brown ear-ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	2.0 (2)	2.0 (2)		2.0 (2)	2.0 (1)		3.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (1)	2.0 (2)	2.0 (2)		2.0 (2)	2.0 (1)		3.0 (1)	
Dairy								3.0 (1)	

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 2									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Pretoria, Anima Veterinary Consulting Rooms									
Beef: 2									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 3									
Free State									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Kwazulu-Natal									
Pietermaritzburg, Richmond Veterinary Clinic									
Beef: 2									
Western Cape									
George, George Animal Hospital									
Beef: 3, Dairy: 3									

Bont-legged ticks									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (4)	2.0 (1)	2.5 (4)	2.4 (7)	2.5 (19)	2.0 (1)		2.3 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.5 (4)	2.0 (1)	2.3 (3)	2.5 (6)	2.5 (12)	2.0 (1)		3.0 (1)	
Dairy					3.0 (1)				
Sheep			3.0 (1)	2.0 (1)	2.4 (5)			3.0 (1)	
Goat					3.0 (1)			1.0 (1)	

Mpumalanga									
Balfour, Balfour Dierekliniek									

Beef: 1
Bethal, Bethal Dierekliniek
Beef: 2
Grootvlei, Grootvlei Dierekliniek
Beef: 1
Lydenburg, Lydenburg Diersprekkamer
Beef: 2
Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 2
Limpopo
Makhado, Blouberg Dierekliniek
Beef: 3
Mokopane, Dr Henk Visser
Beef: 1
Polokwane, Pietersburg Veterinary Clinic
Beef: 3, Sheep: 3
North West
Christiana, Christiana Dierehospitaal
Beef: 2
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 2, Sheep: 2
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 2
Lichtenburg, Lichtenburg
Beef: 3
Stella, Stella Dierekliniek
Beef: 3
Vryburg, Vryburg Dierehospitaal
Beef: 3
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 3
Bultfontein, Greylingrust Diersprekkamer
Beef: 3
Clocolan, Clocolan Dierekliniek
Beef: 2
Frankfort, Frankfort Dierekliniek
Beef: 3
Harrismith, Harrismith Dierehospitaal
Beef: 2, Sheep: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Memel, Memel Veterinary Clinic
Beef: 1
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2, Sheep: 2
Vrede, Vrede Dierehospitaal
Beef: 3
Winburg, Winburg Dierekliniek

Beef: 2, Sheep: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Western Cape

Oudtshoorn, Ostrimed

Beef: 3

Very high tick numbers due to increase in temperature and humidity.

Sheep: 3

Very high tick numbers due to increase in temperature and humidity.

Swellendam, Swellendam Dierehospitaal

Goat: 1

Red-legged ticks

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.4 (7)	2.0 (1)		2.7 (3)	2.6 (11)	2.0 (1)		2.0 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.5 (4)	2.0 (1)		3.0 (2)	2.7 (6)	2.0 (1)		2.0 (1)	
Dairy					3.0 (1)			2.0 (1)	
Sheep	1.5 (2)			2.0 (1)	2.3 (3)				
Goat	1.0 (1)				3.0 (1)				

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1, Sheep: 1, Goat: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Lydenburg, Lydenburg Dieresprekkamer

Beef: 2

Standerton, Econovet

Sheep: 2

Volkswest, Cape Cross Volkswest Dierehospitaal

Beef: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Sheep: 2

Spring lamb paralysis caused by red-legged ticks on 2 farms

Lichtenburg, Lichtenburg

Beef: 3

Free State

Bultfontein, Greylingrust Dieresprekkamer

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal
Beef: 3, Dairy: 3, Sheep: 3, Goat: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Sheep: 1
Memel, Memel Veterinary Clinic
Beef: 3
Parys, Parys Dierehospitaal
Beef: 2
Vrede, Vrede Dierehospitaal
Beef: 3
Kwazulu-Natal
Underberg, Underberg Veterinary Surgery
Beef: 2
Western Cape
Caledon, Overberg Veterinary Hospital
Beef: 2, Dairy: 2

Paralysis ticks										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	2.0 (1)			1.3 (4)	3.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					2.0 (1)				
Sheep	1.0 (1)	2.0 (1)			1.0 (3)	3.0 (1)			

Mpumalanga
Ermelo, Môregloed Veterinêre Spreekkamer
Sheep: 1
Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Sheep: 2
Free State
Bloemfontein, Dr Stephan Wessels
Beef: 2
Memel, Memel Veterinary Clinic
Sheep: 1
Reitz, Riemland Dierekliniek
Sheep: 1
Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 1
Kwazulu-Natal
Kokstad, E.G.Veterinary Services
Sheep: 3

Biting lice (red lice)										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)				2.4 (5)	1.0 (1)	2.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)			2.3 (4)	1.0 (1)
Sheep				3.0 (1)	
Goat					2.0 (1)

Mpumalanga

Lydenburg, Lydenburg Dieresprekkamer

Beef: 2

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 3

Harrismith, Harrismith Dierehospitaal

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Zastron, Zastron Dierekliniek

Beef: 2

Kwazulu-Natal

Newcastle, Ncanduvet Newcastle

Beef: 1

Eastern Cape

Graaff-Reinet, Camdeboo Veterinary Clinic

Goat: 2

Sucking lice (blue lice)



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)				2.3 (7)				

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	3.0 (1)				2.4 (5)
Sheep					2.0 (2)
Goat	1.0 (1)				

Mpumalanga

Balfour, Balfour Dierekliniek

Goat: 1

Standerton, Econovet

Beef: 3

Free State

Bloemfontein, Dr Stephan Wessels

Beef: 3

Frankfort, Frankfort Dierekliniek

Beef: 3

Harrismith, Harrismith Dierehospitaal

Beef: 1, Sheep: 1

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Memel, Memel Veterinary Clinic

Beef: 2

Scab mites ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.0 (1)				1.0 (4)		1.0 (2)		
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	1.0 (1)				1.0 (4)		1.0 (2)		
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Mpumalanga									
Balfour, Balfour Dierekliniek									
Sheep: 1									
Free State									
Harrismith, Harrismith Dierehospitaal									
Sheep: 1									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Sheep: 1									
Reitz, Riemland Dierekliniek									
Sheep: 1									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 1									
Eastern Cape									
Aliwal North, Uitspan C Troskie									
Sheep: 1									
Sheep scab in Merino flock in the Goedemoed area. Flock came from Tweeling area.									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 1									

Mange Mites ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average		1.7 (3)		2.0 (1)		1.0 (1)			
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		2.0 (2)		2.0 (1)		1.0 (1)			
Goat		1.0 (1)							

Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2, Goat: 1									
North West									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Beef: 1									

Nuisance Flies ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (3)			3.0 (1)	2.0 (4)	2.0 (11)	2.0 (1)	2.4 (9)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (2)			3.0 (1)	2.0 (1)	2.2 (5)	2.0 (1)	2.4 (5)	
Dairy	3.0 (1)				3.0 (1)	2.0 (1)		2.0 (1)	
Sheep					1.5 (2)	2.0 (3)		2.5 (2)	
Goat						1.5 (2)		3.0 (1)	

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 3, Dairy: 3

North West

Stella, Stella Dierekliniek

Beef: 3

Free State

Kroonstad, Kroonstad Dierehospitaal

Dairy: 3

Memel, Memel Veterinary Clinic

Beef: 2, Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 1

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

Dundee, Endumeni Herd health

Beef: 2, Dairy: 2, Sheep: 1, Goat: 1

Dundee, Mpati Veterinary Clinic

Beef: 3, Sheep: 3

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Western Cape

Malmesbury, Dr Otto Kriek

Beef: 3

Oudtshoorn, Ostrimed

Beef: 3

Wet areas ideal for breeding and increased day temperatures.

Sheep: 3

Wet areas ideal for breeding and increased day temperatures.

Goat: 3

Wet areas ideal for breeding and increased day temperatures.

Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 2, Sheep: 2

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1, Dairy: 2

Swellendam, Swellendam Dierehospitaal

Beef: 3

Blowflies

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)				2.0 (4)		2.0 (1)	2.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					2.0 (1)				
Dairy					2.0 (1)				
Sheep	1.0 (1)				2.0 (2)		2.0 (1)	2.0 (1)	
Goat	1.0 (1)								

Mpumalanga

Balfour, Balfour Dierekliniek

Sheep: 1

Lydenburg, Lydenburg Dieresprekkamer

Goat: 1

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2, Dairy: 2, Sheep: 2

Winburg, Winburg Dierekliniek

Sheep: 2

Eastern Cape

Queenstown, Queenstown Veterinary clinic

Sheep: 2

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Sheep: 2

Screw-worm

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)		2.0 (1)			2.0 (2)	1.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)		2.0 (1)			2.0 (1)	1.0 (1)		
Goat						2.0 (1)			

Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Limpopo

Mokopane, Dr Henk Visser

Beef: 2

Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Eastern Cape

Port Alfred, Port Alfred Veterinary Clinic

Beef: 1

Bathurst

Nasal bot larvae

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (1)	2.0 (3)	2.5 (2)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep				3.0 (1)	2.0 (3)	3.0 (1)			
Goat						2.0 (1)			

North West

Leeudoringstad, Leeudoringstad Dierekliniek

Sheep: 3

Free State

Reitz, Riemland Dierekliniek

Sheep: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 2

Kwazulu-Natal

Eshowe, Eshowe Veterinary Hospital

Sheep: 3

Nasal bot larvae in Zulu sheep

Mtubatuba, Mtubatuba Animal Clinic

Goat: 2

Midges

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)		1.0 (1)		1.0 (2)		2.0 (1)	2.5 (4)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)				1.0 (1)		2.0 (1)	3.0 (1)	
Dairy								2.0 (1)	
Sheep			1.0 (1)		1.0 (1)			2.5 (2)	

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Sheep: 1

Free State

Clocolan, Clocolan Dierekliniek

Beef: 1, Sheep: 1

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Western Cape

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2, Sheep: 2

Oudtshoorn, Ostrimed

Beef: 3

Wet areas ideal for breeding and increased day temperatures.

Sheep: 3

Wet areas ideal for breeding and increased day temperatures.

Tick-borne Diseases

African red water

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)	2.0 (1)	3.0 (1)		2.0 (3)	2.3 (12)	2.3 (3)	1.8 (4)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.3 (3)	2.0 (1)	3.0 (1)		2.0 (3)	2.2 (10)	2.5 (2)	2.0 (1)	
Dairy						2.5 (2)	2.0 (1)	1.7 (3)	

Mpumalanga

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3

Free State

Frankfort, Frankfort Dierekliniek

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2

Vrede, Vrede Dierehospitaal

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 2, Dairy: 2

Eshowe, Eshowe Veterinary Hospital

Beef: 3

Ten cows died- mixed African and Asiatic red water infection when speculation cows were brought in from the

Cape									
Estcourt, Estcourt Vet Clinic									
Beef: 2									
Howick, Howick Veterinary Clinic									
Beef: 3, Dairy: 3									
Kokstad, E.G.Veterinary Services									
Beef: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Underberg, Underberg Veterinary Surgery									
Beef: 1									
Vryheid, Dr GH Theron									
Beef: 2									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Kareedouw, Tenax Vet Clinic									
Dairy: 2									
Four heifers died - red water not specified									
Port Alfred, Port Alfred Veterinary Clinic									
Beef: 3									
Bathurst									
Western Cape									
George, George Animal Hospital									
Beef: 2, Dairy: 2									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Riversdale, Riversdal Dierekliniek									
Dairy: 1									
Asiatic red water									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (6)	2.0 (1)			2.0 (3)	1.8 (10)		2.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.5 (6)	2.0 (1)			2.0 (3)	1.9 (9)		2.0 (1)	
Dairy						1.0 (1)		2.0 (1)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Bethal, Bethal Dierekliniek									
Beef: 1									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 1									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2									
Middelburg , Middelburg Dierehospitaal									
Beef: 2									

Standerton, Econovet									
Beef: 2									
Outbreaks also occurred in winter,									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Free State									
Frankfort, Frankfort Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Vrede, Vrede Dierehospitaal									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Bergville, Tugela Vet Clinic									
Beef: 2									
Camperdown, Camperdown Vet Clinic									
Beef: 1									
Dundee, Endumeni Herd health									
Beef: 2, Dairy: 1									
Eshowe, Eshowe Veterinary Hospital									
Beef: 3									
Ten cows died- mixed African and Asiatic red water infection when speculation cows were brought in from the Cape									
Greytown, Greytown Veterinary Hospital									
Beef: 2									
Calves									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Western Cape									
George, George Animal Hospital									
Beef: 2, Dairy: 2									
Anaplasmosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)		2.0 (1)	1.5 (4)	1.9 (12)	1.5 (2)	1.3 (3)	1.5 (8)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (2)		2.0 (1)	1.5 (4)	1.9 (11)	1.5 (2)	1.3 (3)	1.6 (5)	
Dairy					2.0 (1)			1.3 (3)	
Mpumalanga									
Balfour, Balfour Dierekliniek									

Beef: 1
Middelburg , Middelburg Dierehospitaal
Beef: 1
Limpopo
Makhado, Blouberg Dierekliniek
Beef: 2
North West
Brits, Brits Dierekliniek
Beef: 1
Christiana, Christiana Dierehospitaal
Beef: 3
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 1
Lichtenburg, Lichtenburg
Beef: 1
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 3
Bloemfontein, Dr Stephan Wessels
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 2
Harrismith, Harrismith Dierehospitaal
Beef: 2
Hertzogville, Hertzogville Dierekliniek
Beef: 1
Hoopstad, Hoopstad Dierekliniek
Beef: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 2, Dairy: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 1
Reitz, Riemland Dierekliniek
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 1
Zastron, Zastron Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Beef: 1
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 1
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 2
Queenstown, Queenstown Provincial Vet Lab
Beef: 1
Western Cape
Beaufort West, Beaufort West State Vet
Beef: 2
Two cases of anaplasmosis in the Murraysburg district

George, George Animal Hospital
Beef: 2, Dairy: 2
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 1
Malmesbury, Dr Otto Kriek
Beef: 2
Riversdale, Riversdal Dierekliniek
Dairy: 1
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1
Vredenburg, Vredenburg Dierehospitaal
Beef: 1

Heartwater									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.8 (5)	2.7 (7)	1.5 (6)		2.0 (10)	2.0 (5)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)	1.0 (2)	2.3 (3)	1.4 (5)		2.0 (5)	2.5 (2)		
Dairy				2.0 (1)					
Sheep		3.0 (2)	3.0 (2)			2.0 (2)	1.7 (3)		
Goat		1.0 (1)	3.0 (2)			2.0 (3)			

Mpumalanga									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 1									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 1									
Pretoria, Anima Veterinary Consulting Rooms									
Sheep: 3									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1, Sheep: 3, Goat: 1									
Limpopo									
Makhado, Blouberg Dierekliniek									
Beef: 3, Sheep: 3, Goat: 3									
Mokopane, Dr Henk Visser									
Beef: 1									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 3, Sheep: 3, Goat: 3									
North West									
Brits, Brits Dierekliniek									
Dairy: 2									
Klerksdorp, Klerksdorp Dierehospitaal									
Beef: 1									
Lichtenburg, Dr CM Kruger-Rall									
Beef: 1									
Lichtenburg, Lichtenburg									
Beef: 2									
Stella, Stella Dierekliniek									
Beef: 2									

Ventersdorp, Buffelsvlei Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Dundee, Endumeni Herd health									
Beef: 2, Sheep: 2, Goat: 2									
Estcourt, Estcourt Vet Clinic									
Beef: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2, Goat: 2									
Pietermaritzburg, Richmond Veterinary Clinic									
Beef: 1									
Pongola, Pongola Animal Clinic									
Sheep: 2, Goat: 2									
Eastern Cape									
Humansdorp, Humansdorp Veterinary Clinic									
Sheep: 1									
Port Alfred, Port Alfred Veterinary Clinic									
Beef: 3									
Bathurst and Fish River									
Sheep: 2									
Bathurst									
Queenstown, Queenstown Provincial Vet Lab									
Beef: 2, Sheep: 2									
Sweating Sickness									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.3 (3)	1.0 (2)			1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef				2.3 (3)	1.0 (2)			1.0 (1)	
North West									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Lichtenburg, Dr CM Kruger-Rall									
Beef: 1									
Stella, Stella Dierekliniek									
Beef: 3									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 1									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1									
Western Cape									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1									
Corridor disease									^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average						1.0 (1)			
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef						1.0 (1)			
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Kwazulu-Natal

Mtubatuba, Mtubatuba Animal Clinic

Beef: 1

Insect Transmittable Diseases

Lumpy skin disease

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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	2.3 (3)	2.0 (2)	1.7 (3)	3.0 (1)	2.0 (1)	2.0 (2)	1.0 (1)	2.0 (1)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.5 (2)	2.0 (2)	1.7 (3)	3.0 (1)		2.0 (2)	1.0 (1)	2.0 (1)	
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Dairy	2.0 (1)				2.0 (1)				
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Mpumalanga

Balfour, Balfour Dierekliniëk

Beef: 2

Delmas, Dr Johan Jooste

Dairy: 2

Brits area

Nelspruit, Nelspruit Animal Hospital

Beef: 3

Unvaccinated cattle in rural areas

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniëk

Beef: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2

Four cases

Limpopo

Makhado, Blouberg Dierekliniëk

Beef: 3

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

Tzaneen, Tzaneen Dierekliniëk

Beef: 1

North West

Brits, Brits Dierekliniëk

Beef: 3

Free State

Kroonstad, Kroonstad Dierehospitaal

Dairy: 2

Kwazulu-Natal
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Vryheid, Dr GH Theron
Beef: 2
Eastern Cape
Alexandria, Dr Thys (MJ) Potgieter
Beef: 1
Western Cape
Piketberg, Piketberg Dierehospitaal
Beef: 2
Lumpy skin disease in year old bull calves in Porterville area

Three-day-stiffsickness									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)		2.0 (1)	1.5 (2)	2.5 (2)		1.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		2.0 (1)		2.0 (1)	1.5 (2)	2.0 (1)			
Dairy						3.0 (1)		1.0 (1)	

Gauteng
Nigel, Welgelegen Dierekliniek
Beef: 2
North West
Brits, Brits Dierekliniek
Beef: 2
Free State
Reitz, Riemland Dierekliniek
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 1
Kwazulu-Natal
Howick, Howick Veterinary Clinic
Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 1

Blue tongue									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (2)					2.0 (1)	1.5 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep		1.0 (2)					2.0 (1)	1.5 (2)	
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Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Sheep: 1
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Sheep: 1
Eastern Cape
Cradock, Cradock Veterinary Clinic
Sheep: 2
Early in season adjacent to river
Western Cape
George, George Animal Hospital
Sheep: 2
Riversdale, Riversdal Dierekliniek
Sheep: 1

Venereal Diseases

Trichomonosis ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.1 (8)	1.5 (2)	2.0 (1)	2.7 (7)	2.3 (15)	1.9 (7)	1.3 (4)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.1 (8)	1.5 (2)	2.0 (1)	2.7 (7)	2.3 (15)	1.9 (7)	1.3 (3)		
Dairy							1.0 (1)		

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 2
Bulls tested negative last year - reinfected
Bethal, Bethal Dierekliniek
Beef: 2
Ermelo, Môregloed Veterinêre Spreekkamer
Beef: 3
Trichomonosis becoming a huge problem in our area. More than 70% of clients which tested bulls yearly and had tested negative are now positive!
Grootvlei, Grootvlei Dierekliniek
Beef: 1
Middelburg, Middelburg Dierehospitaal
Beef: 3
Many bulls
Piet Retief, Pets Vet Hospital
Beef: 2
Standerton, Econovet
Beef: 2
New farms
Volksrust, Cape Cross Volksrust Dierehospitaal
Beef: 2
Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1
Centurion, Deltamune
Beef: 2
Queenstown area
Limpopo
Makhado, Blouberg Dierekliniek
Beef: 2
North West
Klerksdorp, Buffeldoorn Dierehospitaal
Beef: 2
Two out of 7 bulls tested positive on new farm
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 2
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Losing the battle
Lichtenburg, Dr CM Krüger-Rall
Beef: 3
Four farms, 8 bulls
Lichtenburg, Lichtenburg
Beef: 3
Stella, Stella Dierekliniek
Beef: 3
New farm
Vryburg, Vryburg Dierehospitaal
Beef: 3
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 3
Bloemfontein, Dr Stephan Wessels
Beef: 2
Two new bulls in Jagersfontein area and one new bull in the Brandfort area.
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 2
Dewetsdorp, Platkop Dierekliniek
Beef: 2
Two cases
Frankfort, Frankfort Dierekliniek
Beef: 3
Harrismith, Harrismith Dierehospitaal
Beef: 3
Hertzogville, Hertzogville Dierekliniek
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3
Reitz, Riemland Dierekliniek
Beef: 2
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 3									
Vrede, Vrede Dierehospitaal									
Beef: 1									
Winburg, Winburg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Bergville, Tugela Vet Clinic									
Beef: 1									
Dundee, Endumeni Herd health									
Beef: 3									
Dundee, Mpati Veterinary Clinic									
Beef: 1									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Newcastle, Ncanduvet Newcastle									
Beef: 1									
Underberg, Underberg Veterinary Surgery									
Beef: 3									
Heifers and bulls brought from neighbouring district; prebreeding check on heifers revealed pyometras; bulls tested 75% infected with PCR test; same bulls 60% <i>Vibrio</i> positive.									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Two farms involved due to interchange of bulls by farmers.									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 1									
Queenstown, Queenstown Provincial Vet Lab									
Beef: 1									
Queenstown, Queenstown Veterinary clinic									
Beef: 1									
New herd									
Vibriosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)	1.5 (2)	1.5 (2)	1.5 (2)	1.9 (8)	2.0 (2)	1.5 (2)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	3.0 (1)	1.5 (2)	1.5 (2)	1.5 (2)	1.9 (8)	2.0 (2)	1.5 (2)		
Mpumalanga									
Middelburg , Middelburg Dierehospitaal									
Beef: 3									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 1									
Centurion, Deltamune									
Beef: 2									
Limpopo									
Makhado, Blouberg Dierekliniek									

Beef: 2									
Mokopane, Dr Henk Visser									
Beef: 1									
North West									
Lichtenburg, Dr CM Krüger-Rall									
Beef: 1									
Vryburg, Vryburg Dierehospitaal									
Beef: 2									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 2									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 1									
Clocolan, Clocolan Dierekliniek									
Beef: 2									
Dewetsdorp, Platkop Dierekliniek									
Beef: 2									
Two cases									
Hertzogville, Hertzogville Dierekliniek									
Beef: 1									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 2									
Winburg, Winburg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 1									
Underberg, Underberg Veterinary Surgery									
Beef: 3									
Heifers and bulls brought from neighbouring district; prebreeding check on heifers revealed pyometras; bulls tested 75% infected with PCR test; same bulls tested 60% <i>Vibrio</i> positive.									
Eastern Cape									
Cradock, Cradock Veterinary Clinic									
Beef: 1									
Queenstown, Queenstown Provincial Vet Lab									
Beef: 2									
Pizzle disease									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						1.0 (1)	2.0 (1)		3.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep						1.0 (1)	2.0 (1)		3.0 (1)
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Sheep: 1									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									

Sheep: 2

Northern Cape

Calvinia, Calvinia Veeartskliniek

Sheep: 3

Bacterial Disease (other)

Blackquarter

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (4)	1.0 (1)	3.0 (1)	1.7 (3)	1.9 (8)	1.7 (3)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.8 (4)	1.0 (1)	3.0 (1)	1.7 (3)	1.7 (6)	1.7 (3)			
Sheep					2.0 (1)				
Goat					3.0 (1)				

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Young calves not vaccinated

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Middelburg, Middelburg Dierehospitaal

Beef: 2

Standerton, Econovet

Beef: 2

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Beef: 1

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 3

North West

Brits, Brits Dierekliniek

Beef: 1

Lichtenburg, Dr CM Krüger-Rall

Beef: 1

Vryburg, Vryburg Dierehospitaal

Beef: 3

Calves not vaccinated

Free State

Bethlehem, Bethlehem Animal Hospital

Beef: 1

Bultfontein, Greylingrust Dierspreekkamer

Goat: 3

Clocolan, Clocolan Dierekliniek

Beef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 2

Ladybrand, Ladybrand / Excelsior Dierekliniek

Beef: 1

Memel, Memel Veterinary Clinic
Beef: 3
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 1, Sheep: 2
Kwazulu-Natal
Estcourt, Estcourt Vet Clinic
Beef: 1
Pietermaritzburg, Richmond Veterinary Clinic
Beef: 1
Underberg, Underberg Veterinary Surgery
Beef: 3
Reported by farmers

Botulism										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average					1.5 (2)			1.0 (1)	2.0 (3)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					1.5 (2)				1.5 (2)	
Sheep								1.0 (1)	3.0 (1)	

Free State
Frankfort, Frankfort Dierekliniek
Beef: 2
Zastron, Zastron Dierekliniek
Beef: 1
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 1
Northern Cape
Colesburg, Karoo Veterinary Hospital
Beef: 2
Botulism on farm where chicken litter was fed.
Kathu, Kathu Dierekliniek
Beef: 1
Upington, Upington Veterinary Clinic
Sheep: 3

Botulism on 6 farms, drought conditions and sheep died in veld. Lots of bones lying around. Sheep walk with Heads lowered, swinging from side to side. Jaws loose, Dorpers wiggle tails from side to side.

Pulpy Kidney										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average		2.0 (2)	1.0 (1)	1.5 (2)	2.0 (6)	2.0 (4)	2.0 (3)	1.5 (2)	3.0 (1)	
Sheep		2.0 (2)	1.0 (1)	1.5 (2)	2.0 (6)	2.0 (4)	2.0 (2)	1.5 (2)	3.0 (1)	
Goat							2.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 2									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Sheep: 2									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Sheep: 1									
North West									
Christiana, Christiana Dierehospitaal									
Sheep: 1									
Lichtenburg, Lichtenburg									
Sheep: 2									
Free State									
Frankfort, Frankfort Dierekliniek									
Sheep: 2									
Hoopstad, Hoopstad Dierekliniek									
Sheep: 3									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Sheep: 1									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Winburg, Winburg Dierekliniek									
Sheep: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Sheep: 2									
Estcourt, Estcourt Vet Clinic									
Sheep: 1									
Underberg, Underberg Veterinary Surgery									
Sheep: 3									
Vryheid, Dr GH Theron									
Sheep: 2									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Sheep: 1, Goat: 2									
Middelburg (EC), Steynsburg Dierehospitaal									
Sheep: 3									
Western Cape									
Beaufort West, Beaufort West State Vet									
Sheep: 1									
A single case of chronic pulpy kidney									
Riversdale, Riversdal Dierekliniek									
Sheep: 2									
Northern Cape									
Colesburg, Karoo Veterinary Hospital									
Sheep: 3									
Lamb dysentery									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape

Average	1.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	1.0 (1)
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Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Sheep: 1									

Swelled head disease									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.5 (2)			1.5 (2)				

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)	2.0 (1)			1.5 (2)				
Sheep		1.0 (1)							

Mpumalanga									
Middelburg , Middelburg Dierehospitaal									
Beef: 1									

Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2, Sheep: 1									

Free State									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 1									

Reitz, Riemland Dierekliniek									
Beef: 2									

Red gut (cattle)									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (4)		3.0 (1)		1.3 (3)	1.3 (3)	2.0 (2)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.5 (4)		3.0 (1)		1.3 (3)	1.5 (2)	2.0 (1)		
Dairy						1.0 (1)	2.0 (1)		

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									

Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 2									

Middelburg , Middelburg Dierehospitaal									
Beef: 1									

Nelspruit, Nelspruit Animal Hospital									
Beef: 2									

Limpopo									
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Makhado, Blouberg Dierekliniek									
Beef: 3									
Due to drought animals are fed which predisposes to red gut.									
Free State									
Frankfort, Frankfort Dierekliniek									
Beef: 1									
Reitz, Riemland Dierekliniek									
Beef: 1									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 1									
Dundee, Endumeni Herd health									
Dairy: 1									
Underberg, Underberg Veterinary Surgery									
Beef: 2									
Red gut also reported by farmers									
Eastern Cape									
Alexandria, Dr Thys (MJ) Potgieter									
Beef: 2									
Five Bonsmara heifers on kikuyu pasture									
Dairy: 2									
Four pregnant heifers , lush pastures.									
Blood gut (Sheep)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)			1.0 (1)	2.5 (2)	2.0 (1)	2.0 (2)	1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep	2.0 (1)			1.0 (1)	2.5 (2)	2.0 (1)	1.0 (1)		
Goat							3.0 (1)	1.0 (1)	
Mpumalanga									
Standerton, Econovet									
Sheep: 2									
North West									
Lichtenburg, Lichtenburg									
Sheep: 1									
Free State									
Harrismith, Harrismith Dierehospitaal									
Sheep: 3									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Kwazulu-Natal									
Dundee, Mpati Veterinary Clinic									
Sheep: 2									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 3									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									

Sheep: 1									
Western Cape									
Oudtshoorn, Ostrimed									
Goat: 1									
Tetanus									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef						1.0 (1)			
Sheep	1.0 (1)			1.0 (1)	1.0 (1)		1.0 (1)	1.0 (1)	
Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Sheep: 1									
North West									
Lichtenburg, Lichtenburg									
Sheep: 1									
Free State									
Vrede, Vrede Dierehospitaal									
Sheep: 1									
Kwazulu-Natal									
Dundee, Mpati Veterinary Clinic									
Beef: 1									
Eastern Cape									
Queenstown, Queenstown Provincial Vet Lab									
Sheep: 1									
Western Cape									
Oudtshoorn, Ostrimed									
Sheep: 1									
Salmonellosis									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)		1.0 (1)	2.0 (1)	2.0 (1)	3.0 (1)	2.0 (2)	1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (1)		1.0 (1)	2.0 (1)	2.0 (1)	3.0 (1)			
Dairy							2.0 (2)	1.0 (1)	
Mpumalanga									
Piet Retief, Pets Vet Hospital									
Beef: 2									
Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
North West									
Brits, Brits Dierekliniek									

Beef: 2
Cattle fed chicken litter
Free State
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Newcastle, Ncanduvet Newcastle
Beef: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 2
Western Cape
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 1

Brucella abortus (CA - contagious abortion)									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)		2.3 (3)	2.6 (7)	2.3 (12)	3.0 (1)	3.0 (1)		2.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.7 (3)		2.3 (3)	2.6 (7)	2.4 (11)	3.0 (1)	3.0 (1)		2.0 (1)
Dairy					2.0 (1)				

Mpumalanga
Bethal, Bethal Dierekliniek
Beef: 1
Grootvlei, Grootvlei Dierekliniek
Beef: 2
Standerton, Econovet
Beef: 2
Limpopo
Makhado, Blouberg Dierekliniek
Beef: 3
New cases
Mokopane, Dr Henk Visser
Beef: 2
Polokwane, Pietersburg Veterinary Clinic
Beef: 2
North West
Brits, Brits Dierekliniek
Beef: 2
Christiana, Christiana Dierehospitaal
Beef: 3
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 2
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 2

Lichtenburg, Dr CM Kruger-Rall									
Beef: 3									
74 positive cases									
Lichtenburg, Lichtenburg									
Beef: 3									
Vryburg, Vryburg Dierehospitaal									
Beef: 3									
Epidemic									
Free State									
Bloemfontein, Dr Stephan Wessels									
Beef: 3									
40 heifers tested positive in the Petrusburg area from a herd of 100 cattle. Tested animals after 12 abortions occurred.									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 2									
3 herds infected in the area.									
Clocolan, Clocolan Dierekliniek									
Dairy: 2									
Ficksburg, Oos Vrystaat Diere Produkte									
Beef: 3									
Frankfort, Frankfort Dierekliniek									
Beef: 2									
Harrismith, Harrismith Dierehospitaal									
Beef: 2									
Hertzogville, Hertzogville Dierekliniek									
Beef: 3									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Parys, Parys Dierehospitaal									
Beef: 2									
There is excellent biosecurity on the farm. Suspect neighbouring farm is positive for brucellosis									
Viljoenskroon, Viljoenskroon Dierekliniek									
Beef: 1									
New farm									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 3									
Vrede, Vrede Dierehospitaal									
Beef: 2									
Kwazulu-Natal									
Kokstad, E.G.Veterinary Services									
Beef: 3									
Eastern Cape									
Queenstown, Queenstown Provincial Vet Lab									
Beef: 3									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Beef: 2									
Brucella ovis (Ram's disease)									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (1)			3.0 (1)	3.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep		1.0 (1)						3.0 (1)	
Goat									3.0 (1)

Free State

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 1

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 3

Several cases of *B. ovis* in the area. The biggest problem remains biosecurity on farms

Northern Cape

Calvinia, Calvinia Veeartskliniek

Goat: 3

Johne`s disease



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average							1.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep							1.0 (1)		
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Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Sheep: 1

Leptospirosis



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.0 (1)				2.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef			1.0 (1)						
Dairy							2.0 (1)		

Limpopo

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

Eastern Cape

Humansdorp, Humansdorp Veterinary Clinic

Dairy: 2

Pseudomonas



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Dairy	1.0 (1)
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Eastern Cape

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 1

Septicaemia

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			2.0 (1)		1.0 (3)		1.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)					1.0 (1)			
Dairy						1.0 (1)		1.0 (1)	
Sheep						1.0 (1)			
Goat				2.0 (1)					

Mpumalanga

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 1

North West

Klerksdorp, Buffeldoorn Dierehospitaal

Goat: 2

Septicaemia in goats, suspect *Pasteurella* infection

Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 1, Dairy: 1, Sheep: 1

Western Cape

George, George Animal Hospital

Dairy: 1

E. coli

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)	1.0 (1)		2.5 (4)	2.7 (10)	1.5 (2)	2.0 (4)	1.7 (3)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.5 (2)			2.5 (4)	2.6 (8)	2.0 (1)		1.0 (1)	
Dairy	3.0 (1)					1.0 (1)	2.0 (2)	2.0 (2)	
Sheep					3.0 (2)		3.0 (1)		
Goat		1.0 (1)					1.0 (1)		

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1
Bethal, Bethal Dierekliniek
Beef: 2
Delmas, Dr Johan Jooste
Dairy: 3
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Goat: 1
North West
Brits, Brits Dierekliniek
Beef: 3
Origin unknown
Christiana, Christiana Dierehospitaal
Beef: 1
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Calves in the veld
Stella, Stella Dierekliniek
Beef: 3
Free State
Bethlehem, Bethlehem Animal Hospital
Beef: 3
Calves
Bothaville, Cape Cross Bothaville Veterinary Hospital
Sheep: 3
Farmer lost 200 lambs, from ages day 1 to 6 weeks, over a period of 5 months. <i>E. coli</i> , the pathogen, at the end it was due to the use of pigs pens as lambing pens which were the origin of the infection.
Bultfontein, Greylingrust Dieresprekkamer
Beef: 3
Clocolan, Clocolan Dierekliniek
Beef: 3
Ficksburg, Oos Vrystaat Diere Produkte
Beef: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 1
Parys, Parys Dierehospitaal
Sheep: 3
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 3
Calves
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Dundee, Endumeni Herd health
Dairy: 1
Dundee, Mpati Veterinary Clinic
Beef: 2
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Cradock, Cradock Veterinary Clinic
Sheep: 3

E.coli infections in 4-10 day old lambs.

Jeffreys Bay, Cape Cross Veterinary Hospital

Dairy: 2

Middelburg (EC), Steynsburg Dierehospitaal

Goat: 1

Western Cape

George, George Animal Hospital

Beef: 1, Dairy: 3

Stellenbosch, Stellenbosch Animal Hospital

Dairy: 1

Enzootic Abortion

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)	2.0 (1)		1.0 (1)		2.0 (2)	1.5 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep		1.0 (1)	2.0 (1)		1.0 (1)		2.0 (1)	1.5 (2)	
Goat							2.0 (1)		

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Sheep: 1

Limpopo

Makhado, Blouberg Dierekliniek

Sheep: 2

Sporadic

Free State

Vrede, Vrede Dierehospitaal

Sheep: 1

Eastern Cape

Queenstown, Queenstown Provincial Vet Lab

Sheep: 2, Goat: 2

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 1

Riversdale, Riversdal Dierekliniek

Sheep: 2

Dermatophilosis (Lumpy Wool)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average								2.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep								2.0 (1)	
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Western Cape

Darling, Darling Dierekliniek

Sheep: 2

Lesions on legs and non-woolly areas of the head - laboratory confirmed

Fusibacterium necrophorum [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average								2.0 (1)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep								2.0 (1)	
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Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 2

Other [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	2.0 (1)								
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Goat	2.0 (1)								
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Mpumalanga

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Caseous lymphadenitis in milk goats

Protozoal diseases (other)

Coccidiosis [^](#)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.0 (2)	2.0 (2)		3.0 (1)	2.0 (4)	1.4 (5)	1.3 (3)	1.0 (4)	2.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)					1.0 (3)			
Dairy								1.0 (1)	
Sheep	1.0 (1)	2.0 (1)		3.0 (1)	2.0 (4)	2.0 (1)	2.0 (1)	1.0 (2)	2.0 (1)
Goat		2.0 (1)				2.0 (1)	1.0 (2)	1.0 (1)	

Mpumalanga

Bethal, Bethal Dierekliniek

Beef: 1

Middelburg, Middelburg Dierehospitaal

Sheep: 1

Gauteng

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 2
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Goat: 2
North West
Lichtenburg, Dr CM Kruger-Rall
Sheep: 3
Free State
Harrismith, Harrismith Dierehospitaal
Sheep: 2
Kroonstad, Kroonstad Dierehospitaal
Sheep: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Sheep: 1
Villiers, Wilgepoort Dierekliniek Vennootskap
Sheep: 2
Kwazulu-Natal
Dundee, Endumeni Herd health
Beef: 1
Mooi River, Mooirivier Vet Clinic
Beef: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 1
Pongola, Pongola Animal Clinic
Sheep: 2, Goat: 2
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Goat: 1
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Goat: 1
Queenstown, Queenstown Provincial Vet Lab
Sheep: 2
Western Cape
Oudtshoorn, Oudtshoorn Dierekliniek
Sheep: 1, Goat: 1
Riversdale, Riversdal Dierekliniek
Dairy: 1, Sheep: 1
Northern Cape
Kathu, Kathu Dierekliniek
Sheep: 2

Fungal diseases

Ringworm ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)		3.0 (1)	2.0 (2)	1.3 (4)	2.0 (4)	1.7 (3)	1.5 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)		3.0 (1)	2.0 (2)	1.3 (4)	2.3 (3)		1.0 (1)	
Dairy	2.0 (1)						3.0 (1)	2.0 (1)	
Sheep							1.0 (1)		

Goat		1.0 (1)	1.0 (1)						
Mpumalanga									
Delmas, Dr Johan Jooste									
Dairy: 2									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 2									
Limpopo									
Makhado, Blouberg Dierekliniek									
Beef: 3									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 2									
Leeudoringstad, Leeudoringstad Dierekliniek									
Beef: 2									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 2									
Clocolan, Clocolan Dierekliniek									
Beef: 1									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
Reitz, Riemland Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 2									
Newcastle, Ncanduvet Newcastle									
Goat: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 1									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 1									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 3									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 2									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1									
Viral Diseases (other)									
BMC									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.0 (1)	2.0 (2)	1.0 (1)	2.0 (1)			2.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		1.0 (1)	2.0 (2)	1.0 (1)	2.0 (1)			2.0 (1)
Limpopo								
Polokwane, Pietersburg Veterinary Clinic								
Beef: 1								
North West								
Lichtenburg, Dr CM Krüger-Rall								
Beef: 2								
Lichtenburg, Lichtenburg								
Beef: 2								
Free State								
Parys, Parys Dierehospitaal								
Beef: 1								
Kwazulu-Natal								
Pongola, Pongola Animal Clinic								
Beef: 2								
Northern Cape								
Kimberley, Kimberley Dierekliniek								
Beef: 2								
Wildebeest associated snotsiekte								

Rabies									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.3 (3)	1.0 (2)	2.0 (2)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					1.3 (3)	1.0 (1)	2.0 (1)	
Dairy						1.0 (1)		
Goat							2.0 (1)	

Free State								
Frankfort, Frankfort Dierekliniek								
Beef: 2								
Kroonstad, Kroonstad Dierehospitaal								
Beef: 1								
Ladybrand, Ladybrand / Excelsior Dierekliniek								
Beef: 1								
Canine rabies								
Kwazulu-Natal								
Estcourt, Estcourt Vet Clinic								
Dairy: 1								
Howick, Howick Veterinary Clinic								
Beef: 1								
Eastern Cape								
Queenstown, Queenstown Provincial Vet Lab								
Beef: 2								
Two cases. Rabies in Tsolo, Cathcart and Cofimvaba areas.								
Goat: 2								
Six cases. Rabies in Tsolo, Cathcart and Cofimvaba areas.								

Dairy	1.0 (1)	1.5 (2)
Mpumalanga		
Ermelo, Môregloed Veterinêre Spreekkamer		
Beef: 1		
Free State		
Kroonstad, Kroonstad Dierehospitaal		
Dairy: 1		
Western Cape		
Heidelberg (WC), Heidelberg Dierekliniek		
Dairy: 1		
Riversdale, Riversdal Dierekliniek		
Dairy: 2		

Jaagsiekte									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (1)	2.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep						2.0 (1)	2.0 (1)		
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Kwazulu-Natal									
Dundee, Endumeni Herd health									
Sheep: 2									
Eastern Cape									
Queenstown, Queenstown Provincial Vet Lab									
Sheep: 2									

Orf									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)	3.0 (2)	2.3 (6)	2.5 (2)	2.0 (4)	1.3 (3)	2.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep		1.0 (1)	3.0 (1)	2.0 (3)	2.0 (1)	2.0 (1)	1.0 (1)		
Goat			3.0 (1)	2.7 (3)	3.0 (1)	2.0 (3)	1.5 (2)	2.0 (1)	

Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Sheep: 1									
Limpopo									
Makhado, Blouberg Dierekliniek									
Sheep: 3, Goat: 3									
North West									
Brits, Brits Dierekliniek									
Sheep: 2									
Christiana, Christiana Dierehospitaal									
Sheep: 2, Goat: 2									
Klerksdorp, Buffeldoorn Dierehospitaal									

Goat: 3
Leeudoringstad, Leeudoringstad Dierekliniek
Goat: 3
Lichtenburg, Lichtenburg
Sheep: 2
Free State
Kroonstad, Kroonstad Dierehospitaal
Sheep: 2, Goat: 3
Kwazulu-Natal
Dundee, Endumeni Herd health
Sheep: 2, Goat: 2
Estcourt, Estcourt Vet Clinic
Goat: 2
Mtubatuba, Mtubatuba Animal Clinic
Goat: 2
Eastern Cape
Graaff-Reinet, Camdeboo Veterinary Clinic
Goat: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Goat: 1
Uitenhage, Uitenhage Dierehospitaal
Sheep: 1
Western Cape
Oudtshoorn, Ostrimed
Goat: 2

Warts									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (3)	2.0 (1)	1.0 (1)	1.5 (2)	1.2 (5)	2.0 (5)	2.0 (1)	2.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (2)		1.0 (1)	1.5 (2)	1.3 (4)	2.0 (5)	2.0 (1)	2.0 (1)	
Dairy	2.0 (1)				1.0 (1)				
Sheep		2.0 (1)							

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 1
Delmas, Dr Johan Jooste
Dairy: 2
Ermelo, Môregloed Veterinêre Spreekkamer
Beef: 1
Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2
Limpopo
Mokopane, Dr Henk Visser
Beef: 1
North West
Christiana, Christiana Dierehospitaal
Beef: 2

Lichtenburg, Lichtenburg
Beef: 1
Free State
Bultfontein, Greylingrust Dieresprekkamer
Beef: 1
Harrismith, Harrismith Dierehospitaal
Beef: 1
Kroonstad, Kroonstad Dierehospitaal
Dairy: 1
Parys, Parys Dierehospitaal
Beef: 2
Reitz, Riemland Dierekliniek
Beef: 1
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3
Eastern Cape
Queenstown, Queenstown Veterinary clinic
Beef: 2
Western Cape
Stellenbosch, Stellenbosch Animal Hospital
Beef: 2

Other viral disease not listed									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average							2.0 (1)		
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef							2.0 (1)		
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Eastern Cape
Uitenhage, Uitenhage Dierehospitaal
Beef: 2
Rota and Corona virus infections in calves.

Poisonings (Plant) and Fungal

Cardiac glycoside poisoning	^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average			1.0 (1)		2.0 (1)			1.0 (1)	3.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)	2.0 (1)							
Sheep							1.0 (1)	3.0 (1)	

Limpopo

Mokopane, Dr Henk Visser

Beef: 1

Slangkop

Free State

Hertzogville, Hertzogville Direkliniek

Beef: 2

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 1

Northern Cape

De Aar, De Aar Veterinary Clinic

Sheep: 3

Vaalstorm - drought conditions. Mortalities some acute deaths, enteritis if chronic. Heart poison, 7 died. Plants are manually removed.

Cestrum (ink berry)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (1)	2.0 (3)		1.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				3.0 (1)	2.0 (3)		1.0 (1)		
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North West

Leeudoringstad, Leeudoringstad Direkliniek

Beef: 3

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 3

Farmer lost 11 animals due to *Cestrum* poisoning.

Clocolan, Clocolan Direkliniek

Beef: 2

Ladybrand, Ladybrand / Excelsior Direkliniek

Beef: 1

Eastern Cape

Alexandria, Dr Thys (MJ) Potgieter

Beef: 1

Cotula nigellifolia (Stagger wood)

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						3.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

reported										
Beef									3.0 (1)	
Kwazulu-Natal										
Kokstad, E.G.Veterinary Services										
Beef: 3										
Facial eczema									^	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average								2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
Sheep								2.0 (1)		
Western Cape										
George, George Animal Hospital										
Sheep: 2										
Geeldikkop/Dikoor									^	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average					1.0 (1)			1.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
Sheep					1.0 (1)			1.0 (1)		
Free State										
Hoopstad, Hoopstad Dierekliniek										
Sheep: 1										
Western Cape										
Riversdale, Riversdal Dierekliniek										
Sheep: 1										
Gifblaar									^	
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average		1.0 (1)	2.0 (1)		2.0 (1)					
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
Beef		1.0 (1)								
Dairy					2.0 (1)					
Goat			2.0 (1)							
Gauteng										
Bronkhorstspuit, Kerkstraat Dierekliniek										
Beef: 1										

Limpopo									
Vaalwater, Vaalwater Dieresprekkamer									
Goat: 2									
Free State									
Hertzogville, Hertzogville Dierekliniek									
Dairy: 2									
Gousiekte									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)							
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		2.0 (1)							
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Lantana									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				3.0 (1)	2.0 (1)	2.7 (3)	1.0 (1)	1.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef				3.0 (1)	2.0 (1)	2.7 (3)	1.0 (1)	1.0 (1)	
North West									
Brits, Brits Dierekliniek									
Beef: 3									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 2									
Eshowe, Eshowe Veterinary Hospital									
Beef: 3									
Severe <i>Lantana</i> toxicity in rural cattle and in a stud Nguni bull. Cattle eat plants due to drought conditions.									
Vryheid, Dr GH Theron									
Beef: 3									
Due to the drought cattle eat <i>Lantana</i>									
Eastern Cape									
Alexandria, Dr Thys (MJ) Potgieter									
Beef: 1									
Western Cape									
Swellendam, Swellendam Dierehospitaal									
Beef: 1									
Nenta poisoning (Krimpsiekte)									^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			1.0 (1)				2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef			1.0 (1)						
Goat							2.0 (1)		

Limpopo									
Mokopane, Dr Henk Visser									
Beef: 1									
Plakkies									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 2									

Nitrate poisoning									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)								
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)								

Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 1									
Client lost 30 animals. Water was transported in fertilizer tanks on a truck to a feedlot.									

Prussic acid poisoning									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (1)	2.0 (1)	1.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy						2.0 (1)			
Sheep					2.0 (1)				
Goat							1.0 (1)		

Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Sheep: 2									
Kwazulu-Natal									
Kokstad, E.G.Veterinary Services									
Dairy: 2									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 1									

Rye grass poisoning ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average							2.0 (1)	1.7 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef								1.0 (1)	
Sheep							2.0 (1)	2.0 (2)	

Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 2									
Annual rye grass toxicity									
Western Cape									
Piketberg, Piketberg Dierehospitaal									
Sheep: 2									
Rye grass toxicity in Eendekuil area									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1									
Vredenburg, Vredenburg Dierehospitaal									
Sheep: 2									

Seneciosis ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						3.0 (1)	3.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef							3.0 (1)		
Sheep						3.0 (1)			

Kwazulu-Natal									
Vryheid, Dr GH Theron									
Sheep: 3									
15 sheep died									
Eastern Cape									
Stutterheim, Stutterheim Veterinary Clinic									
Beef: 3									
32 heifers out of a group of 100 animals ready for mating died. Any heifers showing any signs of poisoning are slaughtered due to cirrhosis of the liver.									

Tulip Poisoning ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.3 (4)	1.0 (1)			1.9 (8)	2.0 (2)	1.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases

	reported					
Beef	1.3 (4)	1.0 (1)		2.0 (6)	2.0 (2)	1.0 (1)
Sheep				1.5 (2)		

Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Bethal, Bethal Dierekliniek									
Beef: 2									
Ermelo, Moregloed Veterinere Spreekkamer									
Beef: 1									
Piet Retief, Pets Vet Hospital									
Beef: 1									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 1									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 1									
Clocolan, Clocolan Dierekliniek									
Beef: 2, Sheep: 2									
Harrismith, Harrismith Dierehospitaal									
Beef: 3									
Reitz, Riemland Dierekliniek									
Beef: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Vrede, Vrede Dierehospitaal									
Beef: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 1									
Suspected poisoning									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 2									
Estcourt, Estcourt Vet Clinic									
Beef: 2									
Eastern Cape									
Queenstown, Queenstown Provincial Vet Lab									
Beef: 1									

Vermeersiekte (<i>Gaigeria spp.</i>)									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.0 (2)				

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					1.0 (1)				
Sheep					1.0 (1)				

Free State									
Vrede, Vrede Dierehospitaal									

Beef: 1, Sheep: 1

Mycotoxycosis ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average		2.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep		2.0 (1)
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Western Cape

George, George Animal Hospital

Sheep: 2

Other ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average		3.0 (1)		1.0 (1)	1.0 (1)	2.0 (1)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		1.0 (1)				
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Sheep	3.0 (1)		1.0 (1)	2.0 (1)	
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North West

Leeudoringstad, Leeudoringstad Dierekliniek

Sheep: 3

Syringa berries - many deaths

Kwazulu-Natal

Mooi River, Mooirivier Vet Clinic

Beef: 1

Eastern Cape

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 1

Ganskweek

Western Cape

Beaufort West, Beaufort West State Vet

Sheep: 2

Several carcasses at the abattoir that turned black (connective tissue). Still highly suggestive that it is caused by a certain shrub. Occurs only in a specific area. Condemned due to aesthetic reasons.

Poisonings

Water contamination ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average		2.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

reported										
Beef										2.0 (1)

Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 2									

Urea Poisoning									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (1)				2.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				1.0 (1)				2.0 (1)	
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North West									
Lichtenburg, Lichtenburg									
Beef: 1									

Western Cape									
Malmesbury, Dr Otto Kriek									
Beef: 2									

The practice of feeding chicken litter to food producing animals is highly risky. Not only can botulism but also urea poisoning cause mortalities. The most serious problem is the possibility of coccidiostat poisoning resulting in heart muscle and skeletal muscle damage. Once this is discovered it is too late for recovery of the affected animals.

Snake Bite									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				1.0 (1)	1.0 (1)	1.0 (1)	1.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)				1.0 (1)	1.0 (1)			
Dairy							1.0 (1)	1.0 (1)	

Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 1									

Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1									

Kwazulu-Natal									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									

Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 1									

Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Dairy: 1									

Blue-green algae ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average						2.0 (1)			
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef						2.0 (1)			
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Kwazulu-Natal

Dundee, Endumeni Herd health

Beef: 2

Other ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.0 (1)							1.0 (1)	2.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)							1.0 (1)	
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Sheep									2.0 (1)
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Mpumalanga

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 1

Nitrate poisoning in a feedlot. Fertilizer tanks were used to transport water – 40 cattle died.

Western Cape

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

nitrate

Northern Cape

De Aar, De Aar Veterinary Clinic

Sheep: 2

At abattoir 4 cases of icterus seen in carcasses.

Macro Nutritional Problems

Energy deficiency ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.8 (9)	2.0 (1)	2.7 (7)	2.7 (7)	2.6 (14)	2.6 (22)	2.8 (4)	2.0 (2)	
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (4)	2.0 (1)	2.3 (3)	2.6 (5)	2.7 (7)	2.6 (11)	2.5 (2)		
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Dairy	2.0 (2)					1.0 (1)			
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Sheep	1.3 (3)		3.0 (2)	3.0 (2)	2.6 (7)	2.8 (5)	3.0 (1)	2.0 (1)	
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Goat	3.0 (2)	2.8 (5)	3.0 (1)	2.0 (1)
Mpumalanga				
Balfour, Balfour Dierekliniek				
Beef: 2, Sheep: 2				
Bethal, Bethal Dierekliniek				
Dairy: 1, Sheep: 1				
Delmas, Dr Johan Jooste				
Dairy: 3				
Nutrition is biggest problem in herds. Hardly any roughage available. Water supply is a huge problem. The milk price dropped and nutritional costs increased.				
Ermelo, Moregloed Veterinere Spreekkamer				
Beef: 2, Sheep: 1				
Middelburg , Middelburg Dierehospitaal				
Beef: 3				
Volksrust, Cape Cross Volksrust Dierehospitaal				
Beef: 1				
Gauteng				
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic				
Beef: 2				
Limpopo				
Makhado, Blouberg Dierekliniek				
Beef: 3, Sheep: 3, Goat: 3				
Mokopane, Dr Henk Visser				
Beef: 1				
Polokwane, Pietersburg Veterinary Clinic				
Beef: 3, Sheep: 3, Goat: 3				
North West				
Christiana, Christiana Dierehospitaal				
Beef: 3, Sheep: 3				
Leeudoringstad, Leeudoringstad Dierekliniek				
Beef: 3, Sheep: 3				
Stella, Stella Dierekliniek				
Beef: 3				
Ventersdorp, Buffelsvlei Dierekliniek				
Beef: 1				
Vryburg, Vryburg Dierehospitaal				
Beef: 3				
Free State				
Clocolan, Clocolan Dierekliniek				
Beef: 3, Sheep: 2				
Frankfort, Frankfort Dierekliniek				
Beef: 3				
Harrismith, Harrismith Dierehospitaal				
Beef: 2, Sheep: 2				
Hoopstad, Hoopstad Dierekliniek				
Beef: 3, Sheep: 3				
Phillipolis, Rowelsfontein veearts Spreekkamer				
Sheep: 3				
Reitz, Riemland Dierekliniek				
Beef: 3, Sheep: 3				
Villiers, Wilgepoort Dierekliniek Vennootskap				
Beef: 2, Sheep: 2				
Zastron, Zastron Dierekliniek				
Beef: 3, Sheep: 3				

Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 3									
Bergville, Tugela Vet Clinic									
Beef: 2, Sheep: 2, Goat: 2									
Camperdown, Camperdown Vet Clinic									
Beef: 2									
Dundee, Endumeni Herd health									
Beef: 2, Dairy: 1									
Dundee, Mpati Veterinary Clinic									
Beef: 3, Sheep: 3, Goat: 3									
Estcourt, Estcourt Vet Clinic									
Beef: 3									
Howick, Howick Veterinary Clinic									
Beef: 2									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 3									
Drought									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 3, Sheep: 3, Goat: 3									
Pongola, Pongola Animal Clinic									
Beef: 3									
Cattle and game dying like flies. Disaster and those that can afford feed are feeding at great expense.									
Sheep: 3, Goat: 3									
Vryheid, Dr GH Theron									
Beef: 3, Sheep: 3, Goat: 3									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Beef: 2									
Middelburg (EC), Steynsburg Dierehospitaal									
Beef: 3, Sheep: 3, Goat: 3									
Western Cape									
Beaufort West, Beaufort West State Vet									
Sheep: 2									
Starvation of lambs									
Goat: 2									
compaction of omasum									
Protein deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (5)	2.0 (2)	3.0 (3)	2.6 (9)	2.6 (13)	2.7 (21)	2.8 (4)	1.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.7 (3)	2.0 (2)	3.0 (1)	2.5 (6)	2.6 (7)	2.5 (11)	2.5 (2)	1.0 (1)	
Dairy	3.0 (1)								
Sheep	2.0 (1)		3.0 (1)	2.7 (3)	2.7 (6)	2.8 (5)	3.0 (1)	1.0 (1)	
Goat			3.0 (1)			2.8 (5)	3.0 (1)		
Mpumalanga									
Balfour, Balfour Dierekliniek									

Beef: 2, Sheep: 2

Delmas, Dr Johan Jooste

Dairy: 3

Middelburg , Middelburg Dierehospitaal

Beef: 2

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1

Nigel, Welgelegen Dierekliniek

Beef: 3

Due to drought conditions, heifers suffering the most.

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3, Sheep: 3, Goat: 3

North West

Christiana, Christiana Dierehospitaal

Beef: 3, Sheep: 3

Leeudoringstad, Leeudoringstad Dierekliniek

Beef: 3, Sheep: 3

Lichtenburg, Lichtenburg

Beef: 2, Sheep: 2

Stella, Stella Dierekliniek

Beef: 3

Ventersdorp, Buffelsvlei Dierekliniek

Beef: 1

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3, Sheep: 3

Frankfort, Frankfort Dierekliniek

Beef: 3

Harrismith, Harrismith Dierehospitaal

Beef: 2, Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Phillipolis, Rowelsfontein veearts Spreekkamer

Sheep: 3

Reitz, Riemland Dierekliniek

Beef: 2

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 2

Zastron, Zastron Dierekliniek

Beef: 3, Sheep: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Bergville, Tugela Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

Camperdown, Camperdown Vet Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 1
Dundee, Mpati Veterinary Clinic
Beef: 3, Sheep: 3, Goat: 3
Estcourt, Estcourt Vet Clinic
Beef: 3
Howick, Howick Veterinary Clinic
Beef: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 3, Sheep: 3, Goat: 3
Pongola, Pongola Animal Clinic
Beef: 3
Cattle and game dying like flies. Disaster and those that can afford feed are feeding at great expense.
Sheep: 3, Goat: 3
Vryheid, Dr GH Theron
Beef: 3, Sheep: 3, Goat: 3
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Beef: 2
Middelburg (EC), Steynsburg Dierehospitaal
Beef: 3, Sheep: 3, Goat: 3
Western Cape
Malmesbury, Dr Otto Kriek
Beef: 1
Oudtshoorn, Oudtshoorn Dierekliniek
Sheep: 1

Phosphate deficiency									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)	3.0 (1)	3.0 (2)	3.0 (1)	2.3 (4)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		2.0 (1)	3.0 (1)	3.0 (2)	3.0 (1)	2.5 (2)			
Sheep						2.0 (1)			
Goat						2.0 (1)			

Gauteng
Bronkhorstspuit, Kerkstraat Dierekliniek
Beef: 2
Stiff sickness due to phosphate deficiency in about year old cattle hat had been on just a salt lick for the past year.
Limpopo
Makhado, Blouberg Dierekliniek
Beef: 3
North West
Christiana, Christiana Dierehospitaal
Beef: 3
Vryburg, Vryburg Dierehospitaal
Beef: 3
Free State

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Pongola, Pongola Animal Clinic

Beef: 2, Sheep: 2, Goat: 2

Calcium deficiency

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)		2.5 (2)	1.7 (3)	2.0 (3)	2.3 (7)	2.0 (1)	1.5 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.5 (2)		2.5 (2)	1.7 (3)		2.7 (3)		1.0 (1)	
Dairy					1.0 (1)	2.0 (2)	2.0 (1)	2.0 (1)	
Sheep					2.5 (2)	2.0 (1)			
Goat						2.0 (1)			

Mpumalanga

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Beef: 2

It is suspected that over intake of chicken litter (high NPN) caused subclinical calcium deficiency through the interaction between NPN and Magnesium/Calcium homeostasis. Difficult calvings and uterine prolapses. Sparse grazing conditions the underlying cause.

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3

Mokopane, Dr Henk Visser

Beef: 2

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Lichtenburg, Dr CM Krüger-Rall

Beef: 1

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Clocolan, Clocolan Dierekliniek

Dairy: 1

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Zastron, Zastron Dierekliniek

Sheep: 3

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Dundee, Endumeni Herd health

Dairy: 1

Howick, Howick Veterinary Clinic

Dairy: 3
Pongola, Pongola Animal Clinic
Beef: 2, Sheep: 2, Goat: 2
Underberg, Underberg Veterinary Surgery
Beef: 3
Both clinical & subclinical calcium deficiency where slow release boli were not used. Dry Cow nutrition has slipped
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Western Cape
Heidelberg (WC), Heidelberg Dierkliniek
Dairy: 2
Riversdale, Riversdal Dierkliniek
Beef: 1

Micro Nutritional Problems

Iodine deficiency ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef						2.0 (1)			
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Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2

Copper deficiency ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				1.0 (1)		2.0 (1)	2.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				1.0 (1)		2.0 (1)			
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Sheep							2.0 (1)		
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North West
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 1

Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2

Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 2
Plus cobalt Deficiency

Zinc deficiency ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.0 (2)		2.0 (1)	2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef				2.0 (2)		2.0 (1)	2.0 (1)		

North West

Klerksdorp, Klerksdorp Dierehospitaal

Beef: 1

Vryburg, Vryburg Dierehospitaal

Beef: 3

General micro-element deficiencies

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Eastern Cape

Alexandria, Alexandria Platteland Spreekkamer

Beef: 2

Selenium deficiency



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)			3.0 (1)	2.0 (3)	2.0 (6)	2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					2.0 (1)	2.0 (4)			
Dairy						3.0 (1)			
Sheep	2.0 (1)			3.0 (1)	2.0 (2)		2.0 (1)		
Goat						1.0 (1)			

Mpumalanga

Standerton, Econovet

Sheep: 2

North West

Christiana, Christiana Dierehospitaal

Sheep: 3

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Sheep: 2

Harrismith, Harrismith Dierehospitaal

Beef: 2, Sheep: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 1

Estcourt, Estcourt Vet Clinic

Beef: 3, Dairy: 3

Kokstad, E.G.Veterinary Services

Beef: 2
Pietermaritzburg, Richmond Veterinay Clinic
Goat: 1
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 2

Magnesium deficiency									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average			3.0 (1)		2.0 (2)			2.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef			3.0 (1)		1.0 (1)				
Dairy								2.0 (1)	
Sheep					3.0 (1)				

Limpopo
Makhado, Blouberg Dierekliniek
Beef: 3
Free State
Wesselsbron, Wesselsbron Dierekliniek
Beef: 1
Zastron, Zastron Dierekliniek
Sheep: 3
Western Cape
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2

Manganese deficiency									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average				2.0 (1)					

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				2.0 (1)					
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North West
Vryburg, Vryburg Dierehospitaal
Beef: 2

Iodine deficiency									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average						2.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		2.0 (1)							
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Vitamin A deficiency									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)		2.5 (2)	3.0 (3)	2.5 (4)	2.6 (7)	3.0 (3)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef			2.5 (2)	3.0 (2)	2.5 (2)	2.7 (3)	3.0 (1)		
Dairy	3.0 (1)				2.0 (1)				
Sheep				3.0 (1)	3.0 (1)	2.5 (2)	3.0 (1)		
Goat						2.5 (2)	3.0 (1)		
Mpumalanga									
Delmas, Dr Johan Jooste									
Dairy: 3									
Limpopo									
Makhado, Blouberg Dierekliniek									
Beef: 3									
Mokopane, Dr Henk Visser									
Beef: 2									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 3, Sheep: 3									
Vryburg, Vryburg Dierehospitaal									
Beef: 3									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Sheep: 3									
Vrede, Vrede Dierehospitaal									
Dairy: 2									
Zastron, Zastron Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 3									
Bergville, Tugela Vet Clinic									
Beef: 2, Sheep: 2, Goat: 2									
Dundee, Mpati Veterinary Clinic									
Beef: 3, Sheep: 3, Goat: 3									
Eastern Cape									
Middelburg (EC), Steynsburg Dierehospitaal									
Beef: 3, Sheep: 3, Goat: 3									
Multi-factorial Disease Conditions									
Abortions									^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (5)	2.0 (1)	1.5 (4)	1.7 (3)	1.9 (10)	2.0 (10)	1.6 (5)	1.8 (5)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (4)	2.0 (1)	1.7 (3)	1.0 (2)	1.9 (8)	2.0 (7)	1.5 (2)	2.0 (2)	
Dairy					1.0 (1)	2.0 (2)	2.0 (2)	1.7 (3)	
Sheep			1.0 (1)	3.0 (1)	3.0 (1)		1.0 (1)		
Goat	2.0 (1)					2.0 (1)			

Mpumalanga

Delmas, Dr Johan Jooste

Beef: 2

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 2, Goat: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Middelburg, Middelburg Dierehospitaal

Beef: 2

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2

Limpopo

Makhado, Blouberg Dierekliniek

Beef: 3, Sheep: 1

Campylobacter found in sheep foetus

Mokopane, Dr Henk Visser

Beef: 1

Tzaneen, Tzaneen Dierekliniek

Beef: 1

North West

Brits, Brits Dierekliniek

Beef: 1

Lichtenburg, Dr CM Kruger-Rall

Sheep: 3

Lichtenburg, Lichtenburg

Beef: 1

19/19 ewes aborted after Pulpy kidney vaccination.

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2, Dairy: 1

Frankfort, Frankfort Dierekliniek

Beef: 2

Harrismith, Harrismith Dierehospitaal

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3, Sheep: 3

Memel, Memel Veterinary Clinic

Beef: 1

Parys, Parys Dierehospitaal

Beef: 1

Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Vrede, Vrede Dierehospitaal									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 3									
Dundee, Endumeni Herd health									
Beef: 1, Dairy: 1									
Dundee, Mpati Veterinary Clinic									
Beef: 2									
Estcourt, Estcourt Vet Clinic									
Beef: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2, Goat: 2									
Underberg, Underberg Veterinary Surgery									
Beef: 3									
Delayed evidence of "resorbptions" when cows had earlier been treated to stop an anaplasmosis epidemic									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 2									
Aliwal North, Uitspan C Troskie									
Beef: 2									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Queenstown, Queenstown Provincial Vet Lab									
Beef: 1, Sheep: 1									
Western Cape									
George, George Animal Hospital									
Dairy: 1									
Malmesbury, Dr Otto Kriek									
Beef: 3									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1, Dairy: 2									
Swellendam, Swellendam Dierehospitaal									
Dairy: 2									
Stillbirths									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)				2.0 (6)	2.7 (3)		2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)				2.0 (4)	2.5 (2)			
Dairy						3.0 (1)			
Sheep					2.0 (2)			2.0 (1)	
Mpumalanga									

Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 1									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Sheep: 3									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 1									
Vrede, Vrede Dierehospitaal									
Beef: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Sheep: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 3									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Kokstad, E.G.Veterinary Services									
Beef: 2									
Western Cape									
Riversdale, Riversdal Dierekliniek									
Sheep: 2									
Abscesses									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.2 (5)	1.5 (2)	2.0 (2)	2.3 (3)	1.0 (7)	1.4 (7)	1.8 (4)	1.3 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (3)		2.0 (2)	2.0 (2)	1.0 (4)	1.0 (3)			
Dairy	2.0 (1)					3.0 (1)	1.5 (2)	1.0 (1)	
Sheep		1.0 (1)		3.0 (1)	1.0 (3)	1.0 (1)	2.0 (1)		
Goat	1.0 (1)	2.0 (1)				1.5 (2)	2.0 (1)	1.5 (2)	
Mpumalanga									
Delmas, Dr Johan Jooste									
Dairy: 2									
Ermelo, Môregloed Veterinêre Spreekkamer									
Goat: 1									
Grootvlei, Grootvlei Dierekliniek									
Beef: 1									
Lydenburg, Lydenburg Dieresprekkamer									
Beef: 1									
Volksrust, Cape Cross Volksrust Dierehospitaal									
Beef: 1									
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Sheep: 1									
<i>Corynebacterium pseudotuberculosis</i> (CLA)									
Goat: 2									
Limpopo									

Mokopane, Dr Henk Visser
Beef: 2
Polokwane, Pietersburg Veterinary Clinic
Beef: 2
North West
Lichtenburg, Dr CM Kruger-Rall
Beef: 1
Lichtenburg, Lichtenburg
Beef: 3, Sheep: 3
Free State
Harrismith, Harrismith Dierehospitaal
Beef: 1, Sheep: 1
Hertzogville, Hertzogville Dierekliniek
Beef: 1
Hoopstad, Hoopstad Dierekliniek
Beef: 1, Sheep: 1
Ladybrand, Ladybrand / Excelsior Dierekliniek
Sheep: 1
Winburg, Winburg Dierekliniek
Beef: 1
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Goat: 1
Dundee, Endumeni Herd health
Beef: 1
Dundee, Mpati Veterinary Clinic
Beef: 1
Estcourt, Estcourt Vet Clinic
Beef: 1, Goat: 2
Howick, Howick Veterinary Clinic
Dairy: 3
Vryheid, Dr GH Theron
Sheep: 1
<i>Trueperella pyogenes</i>
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 1
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Goat: 2
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 2
Queenstown, Queenstown Provincial Vet Lab
Sheep: 2
Western Cape
Malmesbury, Dr Otto Kriek
Dairy: 1
Oudtshoorn, Ostrimed
Goat: 2
Stellenbosch, Provincial Veterinary Laboratory
Goat: 1

Paarl area: *Trueperella pyogenes* was isolated from a swab from a lung abscess from a carcase of a kid.

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (2)		2.0 (1)	2.0 (1)	1.8 (4)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		1.0 (1)		2.0 (1)		1.5 (2)			
Dairy						2.0 (1)			
Sheep	1.0 (1)				2.0 (1)				
Goat		1.0 (1)				2.0 (1)			

Mpumalanga

Middelburg , Middelburg Dierehospitaal

Sheep: 1

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 1, Goat: 1

North West

Brits, Brits Dierekliniek

Beef: 2

Free State

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Kwazulu-Natal

Camperdown, Camperdown Vet Clinic

Beef: 1

Mooi River, Mooirivier Vet Clinic

Dairy: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2

Bladder stones



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (2)				1.3 (3)		2.0 (1)	2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)				1.0 (1)				
Sheep					1.5 (2)		2.0 (1)	2.0 (1)	
Goat	2.0 (1)								

Mpumalanga

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Nelspruit, Nelspruit Animal Hospital

Goat: 2

Calcium:phosphate imbalance caused by home made energy licks

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 1, Sheep: 2

Zastron, Zastron Dierekliniek									
Sheep: 1									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Sheep: 2									
Western Cape									
Beaufort West, Beaufort West State Vet									
Sheep: 2									
Uroliths in 2 separate rams. Inclusion of Ammonium chloride in "hot" ration not adequate.									

Blindness									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (5)	2.0 (1)		1.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					1.7 (3)	2.0 (1)			
Sheep					2.5 (2)			1.0 (1)	

Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1, Sheep: 3									
Reitz, Riemland Dierekliniek									
Beef: 2, Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Western Cape									
Heidelberg (WC), Heidelberg Dierekliniek									
Sheep: 1									

Bloat									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)			1.0 (1)	1.7 (3)	1.0 (2)	1.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					1.0 (2)	1.0 (1)			
Dairy							1.0 (1)		
Sheep				1.0 (1)	3.0 (1)				
Goat	1.0 (1)					1.0 (1)			

Mpumalanga									
Volkstrust, Cape Cross Volkstrust Dierehospitaal									
Goat: 1									
North West									
Brits, Brits Dierekliniek									

Sheep: 1									
Free State									
Clocolan, Clocolan Dierekliniek									
Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1									
Reitz, Riemland Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Beef: 1									
Mooi River, Mooirivier Vet Clinic									
Goat: 1									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 1									
Blue udder									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)			2.0 (1)	2.0 (5)	1.5 (2)		1.0 (4)	2.0 (1)
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy	1.0 (1)							1.0 (1)	
Sheep	1.0 (1)			2.0 (1)	2.0 (5)	1.5 (2)		1.0 (2)	2.0 (1)
Goat								1.0 (1)	
Mpumalanga									
Ermelo, Môregloed Veterinêre Sprekkamer									
Sheep: 1									
Volksrust, Cape Cross Volksrust Dierehospitaal									
Dairy: 1									
Beef cow!									
North West									
Brits, Brits Dierekliniek									
Sheep: 2									
Free State									
Bethlehem, Bethlehem Animal Hospital									
Sheep: 2									
Frankfort, Frankfort Dierekliniek									
Sheep: 2									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Zastron, Zastron Dierekliniek									
Sheep: 2									
Kwazulu-Natal									
Dundee, Mpati Veterinary Clinic									
Sheep: 1									
Kokstad, E.G.Veterinary Services									
Sheep: 2									

Western Cape
Caledon, Overberg Veterinary Hospital
Sheep: 1
Oudtshoorn, Ostrimed
Goat: 1
Riversdale, Riversdal Dierekliniek
Sheep: 1
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 1
Northern Cape
Colesburg, Karoo Veterinary Hospital
Sheep: 2
Due to <i>Pasteurella</i>

Diarrhoea										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (4)	1.0 (1)	1.0 (1)	2.8 (5)	2.6 (12)	1.6 (12)	2.0 (1)	1.8 (6)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (4)		1.0 (1)	2.8 (5)	2.7 (9)	1.8 (6)		1.0 (1)	
Dairy					2.0 (1)	1.0 (1)		2.0 (3)	
Sheep		1.0 (1)			2.5 (2)	1.5 (2)	2.0 (1)	2.0 (1)	
Goat						1.3 (3)		2.0 (1)	

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 2
Ermelo, Môregloed Veterinêre Spreekkamer
Beef: 2
Grootvlei, Grootvlei Dierekliniek
Beef: 2
Lydenburg, Lydenburg Dieresprekkamer
Beef: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Sheep: 1
Limpopo
Polokwane, Pietersburg Veterinary Clinic
Beef: 1
North West
Brits, Brits Dierekliniek
Beef: 3
Christiana, Christiana Dierehospitaal
Beef: 3
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 2
Stella, Stella Dierekliniek
Beef: 3
Vryburg, Vryburg Dierehospitaal
Beef: 3

Numerous calves with diarrhoea

Free State

Bultfontein, Greylingrust Dierspreekkamer

Beef: 3

Clocolan, Clocolan Dierekliniek

Beef: 3

Ficksburg, Oos Vrystaat Diere Produkte

Beef: 3

E. coli - Kalfies

Harrismith, Harrismith Dierehospitaal

Beef: 2

Ladybrand, Ladybrand / Excelsior Dierekliniek

Sheep: 2

Memel, Memel Veterinary Clinic

Beef: 3

Parys, Parys Dierehospitaal

Beef: 3, Sheep: 3

Viljoenskroon, Viljoenskroon Dierekliniek

Beef: 3

Calves, 2 to 6 weeks old

Vrede, Vrede Dierehospitaal

Beef: 2, Dairy: 2

Winburg, Winburg Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 3

Bergville, Tugela Vet Clinic

Beef: 1, Goat: 1

Dundee, Endumeni Herd health

Beef: 1, Dairy: 1, Sheep: 1, Goat: 1

Dundee, Mpati Veterinary Clinic

Beef: 2

Estcourt, Estcourt Vet Clinic

Beef: 2, Sheep: 2, Goat: 2

Mtubatuba, Mtubatuba Animal Clinic

Beef: 2

Eastern Cape

Middelburg (EC), Steynsburg Dierehospitaal

Sheep: 2

Western Cape

George, George Animal Hospital

Dairy: 3

Malmesbury, Dr Otto Kriek

Dairy: 2

Oudtshoorn, Oudtshoorn Dierekliniek

Beef: 1

Riversdale, Riversdal Dierekliniek

Dairy: 1, Sheep: 2, Goat: 2

Epididymitis



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	2.0 (1)	2.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Sheep	2.0 (1)	2.0 (1)
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Free State

Wesselsbron, Wesselsbron Dierekliniek

Sheep: 2

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 2

Eye Cancer

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (2)	1.0 (1)			1.4 (5)	2.0 (2)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)	1.0 (1)			1.5 (2)				
Dairy					1.5 (2)	2.0 (2)			
Sheep	1.0 (1)				1.0 (1)				

Mpumalanga

Ermelo, Mōregloed Veterinêre Spreekkamer

Sheep: 1

Grootvlei, Grootvlei Dierekliniek

Beef: 1

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 1

Free State

Clocolan, Clocolan Dierekliniek

Dairy: 2

Hertzogville, Hertzogville Dierekliniek

Beef: 1

Hoopstad, Hoopstad Dierekliniek

Sheep: 1

Reitz, Riemland Dierekliniek

Beef: 2

Vrede, Vrede Dierehospitaal

Dairy: 1

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Dairy: 3

Mooi River, Mooirivier Vet Clinic

Dairy: 1

Eye infections

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	2.0 (7)	1.9 (7)	2.0 (2)	3.0 (8)	2.3 (17)	2.0 (22)	1.3 (6)	1.4 (9)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (4)	2.0 (4)	2.0 (2)	3.0 (7)	2.3 (13)	1.9 (10)	1.5 (2)	2.0 (2)
Dairy						2.0 (2)		1.4 (5)
Sheep	2.0 (2)	2.0 (2)		3.0 (1)	2.3 (4)	2.3 (4)	1.3 (4)	1.0 (2)
Goat	2.0 (1)	1.0 (1)				2.2 (6)		

Mpumalanga

Balfour, Balfour Diereklíníek

Beef: 2, Sheep: 2, Goat: 2

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 2

Grootvlei, Grootvlei Diereklíníek

Beef: 2

Middelburg, Middelburg Dierehospitaal

Beef: 2

Standerton, Econovet

Sheep: 2

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal

Beef: 2, Sheep: 2

Bronkhorstspuit, Kerkstraat Diereklíníek

Beef: 2

Pretoria, Anima Veterinary Consulting Rooms

Beef: 2, Sheep: 2

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 2, Goat: 1

Limpopo

Makhado, Blouberg Diereklíníek

Beef: 3

Polokwane, Pietersburg Veterinary Clinic

Beef: 1

North West

Brits, Brits Diereklíníek

Beef: 3

Christiana, Christiana Dierehospitaal

Beef: 3

Leeudoringstad, Leeudoringstad Diereklíníek

Beef: 3

Lichtenburg, Dr CM Kruger-Rall

Beef: 3

Lichtenburg, Lichtenburg

Beef: 3, Sheep: 3

Stella, Stella Diereklíníek

Beef: 3

Vryburg, Vryburg Dierehospitaal

Beef: 3

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 1

Bultfontein, Greylingrust Dieresprekkamer
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 3, Sheep: 3
Frankfort, Frankfort Dierekliniek
Beef: 3
Harrismith, Harrismith Dierehospitaal
Beef: 1
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 1
Memel, Memel Veterinary Clinic
Beef: 3
Parys, Parys Dierehospitaal
Beef: 3
Reitz, Riemland Dierekliniek
Beef: 3, Sheep: 2
Vrede, Vrede Dierehospitaal
Beef: 3
Wesselsbron, Wesselsbron Dierekliniek
Sheep: 1
Winburg, Winburg Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 3
Bergville, Tugela Vet Clinic
Beef: 2, Sheep: 2, Goat: 2
Dundee, Endumeni Herd health
Beef: 2, Dairy: 2, Sheep: 2, Goat: 2
Dundee, Mpati Veterinary Clinic
Beef: 2, Sheep: 2
Estcourt, Estcourt Vet Clinic
Beef: 1, Goat: 2
Ingogo, Gen XY Stud Beef Consultancy
Beef: 1
Mooi River, Mooirivier Vet Clinic
Beef: 2, Dairy: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2, Goat: 2
Newcastle, Ncanduvet Newcastle
Sheep: 3, Goat: 3
Pongola, Pongola Animal Clinic
Beef: 2, Goat: 2
Underberg, Underberg Veterinary Surgery
Beef: 2
Eastern Cape
Aliwal North, Uitspan C Troskie
Beef: 2, Sheep: 2
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Sheep: 1

Humansdorp, Humansdorp Veterinary Clinic
Beef: 1
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 1
Queenstown, Queenstown Veterinary clinic
Sheep: 1
Western Cape
Darling, Darling Dierekliniek
Beef: 3
Cattle on numerous farms had pink eye - vaccine temporarily out of stock. Dry dusty conditions enhance the condition.
Dairy: 3
Cattle on numerous farms had pink eye - vaccine temporarily out of stock. Dry dusty conditions enhance the condition.
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 1, Sheep: 1
Oudtshoorn, Ostrimed
Beef: 1, Sheep: 1
Riversdale, Riversdal Dierekliniek
Dairy: 1
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 1
Swellendam, Swellendam Dierehospitaal
Dairy: 1

Joint III									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	1.0 (1)		1.0 (1)	1.0 (2)	1.6 (7)	1.0 (2)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)	1.0 (1)		1.0 (1)	1.0 (1)	1.8 (4)			
Dairy						1.0 (1)			
Sheep					1.0 (1)	1.5 (2)	1.0 (2)		

Mpumalanga
Balfour, Balfour Dierekliniek
Beef: 2
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Beef: 1
North West
Brits, Brits Dierekliniek
Beef: 1
Free State
Ladybrand, Ladybrand / Excelsior Dierekliniek
Beef: 1
Parys, Parys Dierehospitaal
Sheep: 1
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2

Bergville, Tugela Vet Clinic									
Beef: 1									
Dundee, Endumeni Herd health									
Dairy: 1									
Kokstad, E.G.Veterinary Services									
Beef: 2, Sheep: 2									
Newcastle, Ncanduvet Newcastle									
Sheep: 1									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Sheep: 1									
Middelburg (EC), Steynsburg Dierehospitaal									
Sheep: 1									
Lameness/Foot Problems									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (3)	1.0 (1)	1.0 (1)	3.0 (3)	2.0 (6)	1.7 (3)	2.3 (3)	2.1 (10)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.0 (2)	1.0 (1)	1.0 (1)	3.0 (2)	1.8 (4)	1.7 (3)		2.0 (2)	
Dairy	2.0 (1)				3.0 (1)		2.0 (2)	2.5 (2)	
Sheep				3.0 (1)	2.0 (1)		3.0 (1)	2.0 (4)	
Goat								2.0 (2)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 2									
Delmas, Dr Johan Jooste									
Dairy: 2									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2									
Gauteng									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1									
Limpopo									
Polokwane, Pietersburg Veterinary Clinic									
Beef: 1									
North West									
Christiana, Christiana Dierehospitaal									
Beef: 3									
Lichtenburg, Dr CM Kruger-Rall									
Beef: 3, Sheep: 3									
Free State									
Clocolan, Clocolan Dierekliniek									
Beef: 2, Sheep: 2									
Dewetsdorp, Platkop Dierekliniek									
Beef: 2									
Two cases, calves died.									
Hoopstad, Hoopstad Dierekliniek									

Beef: 1									
Kroonstad, Kroonstad Dierehospitaal									
Dairy: 3									
Winburg, Winburg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Estcourt, Estcourt Vet Clinic									
Beef: 2									
Pietermaritzburg, Richmond Veterinay Clinic									
Beef: 2									
Pongola, Pongola Animal Clinic									
Beef: 1									
Eastern Cape									
Alexandria, Alexandria Platteland Spreekkamer									
Dairy: 2									
Humansdorp, Humansdorp Veterinary Clinic									
Dairy: 2									
Port Alfred, Port Alfred Veterinary Clinic									
Sheep: 3									
Foot rot in sheep in Southwell									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Sheep: 2									
George, George Animal Hospital									
Beef: 3									
Very wet conditions									
Dairy: 3, Sheep: 3, Goat: 3									
Oudtshoorn, Ostrimed									
Sheep: 2									
Complaints by farmers that animals in wet kraals and on wet pastures have an increased prevalence of foot rot.									
Stellenbosch, Stellenbosch Animal Hospital									
Beef: 1, Sheep: 1, Goat: 1									
Swellendam, Swellendam Dierehospitaal									
Dairy: 2									
Lung infection									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (9)	1.0 (3)	1.0 (2)	2.3 (3)	2.2 (11)	2.1 (12)	2.0 (3)	2.3 (7)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.7 (6)		1.0 (2)	2.0 (2)	2.5 (4)	2.0 (6)		2.0 (1)	
Dairy	2.0 (1)				2.0 (1)	2.5 (2)	2.5 (2)	2.5 (2)	
Sheep	2.0 (1)	1.0 (1)		3.0 (1)	2.0 (6)	2.0 (2)	1.0 (1)	2.7 (3)	
Goat	2.0 (1)	1.0 (2)				2.0 (2)		1.0 (1)	
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 2									
Delmas, Dr Johan Jooste									
Dairy: 2									

Ermelo, Môregloed Veterinêre Spreekkamer
Beef: 2, Sheep: 2, Goat: 2
Grootvlei, Grootvlei Dierekliniek
Beef: 1
Middelburg , Middelburg Dierehospitaal
Beef: 1
Nelspruit, Nelspruit Animal Hospital
Beef: 1
Standerton, Econovet
Beef: 3
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Sheep: 1, Goat: 1
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic
Goat: 1
Limpopo
Polokwane, Pietersburg Veterinary Clinic
Beef: 1
Tzaneen, Tzaneen Dierekliniek
Beef: 1
North West
Brits, Brits Dierekliniek
Beef: 1
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 3
Lichtenburg, Dr CM Krüger-Rall
Sheep: 3
Pasteurellosis - Meatmaster sheep under sprayers and fans.
Free State
Clocolan, Clocolan Dierekliniek
Sheep: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Ladybrand, Ladybrand / Excelsior Dierekliniek
Sheep: 1
Reitz, Riemland Dierekliniek
Beef: 3, Dairy: 2, Sheep: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2, Sheep: 2
Vrede, Vrede Dierehospitaal
Beef: 2, Sheep: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Beef: 2, Sheep: 2, Goat: 2
Dundee, Endumeni Herd health
Beef: 1, Dairy: 2, Sheep: 2
Dundee, Mpati Veterinary Clinic
Beef: 2
Calves
Howick, Howick Veterinary Clinic
Dairy: 3
Mtubatuba, Mtubatuba Animal Clinic

Beef: 2, Goat: 2
Underberg, Underberg Veterinary Surgery
Beef: 3
Pneumonia in calves - vaccination has slipped
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Aliwal North, Uitspan C Troskie
Sheep: 1
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Western Cape
Beaufort West, Beaufort West State Vet
Sheep: 3
Septicaemic pasteurellosis in sheep
Caledon, Overberg Veterinary Hospital
Sheep: 2
George, George Animal Hospital
Beef: 2, Dairy: 2, Sheep: 3
Malmesbury, Dr Otto Kriek
Dairy: 3
Dusty conditions can be a severe problem especially in young calves all depending on the prevailing wind.
Swellendam, Swellendam Dierehospitaal
Goat: 1

Mastitis in general									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)	1.6 (5)		2.2 (6)	2.0 (5)	1.2 (5)	1.8 (5)	1.8 (8)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)			2.0 (2)	2.0 (1)	1.5 (2)	1.0 (2)		
Dairy	2.0 (2)	1.7 (3)		2.3 (3)	2.0 (4)	1.0 (1)	2.3 (3)	1.8 (8)	
Sheep		2.0 (1)		2.0 (1)		1.0 (1)			
Goat		1.0 (1)				1.0 (1)			

Mpumalanga
Balfour, Balfour Dierekliniek
Dairy: 1
Delmas, Dr Johan Jooste
Dairy: 3
Lydenburg, Lydenburg Dieresprekkamer
Beef: 1
Gauteng
Bapsfontein, Bapsfontein Dierehospitaal
Dairy: 1, Goat: 1
Centurion, Deltamune
Dairy: 3
Samples tested from the Eastern and Western Cape provinces
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 2
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Dairy: 1
North West
Brits, Brits Dierekliniek
Beef: 1
Christiana, Christiana Dierehospitaal
Dairy: 2
Klerksdorp, Klerksdorp Dierehospitaal
Dairy: 3
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Coliform mastitis, 500 heifers calving in a kraal - bull put to heifers when they were too young. Calves infected with <i>E. coli</i> .
Lichtenburg, Lichtenburg
Dairy: 2, Sheep: 2
Free State
Clocolan, Clocolan Dierekliniek
Dairy: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 2, Dairy: 2
Ladybrand, Ladybrand / Excelsior Dierekliniek
Dairy: 2
Parys, Parys Dierehospitaal
Dairy: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Bergville, Tugela Vet Clinic
Goat: 1
Dundee, Endumeni Herd health
Dairy: 1
Estcourt, Estcourt Vet Clinic
Beef: 1
Mooi River, Mooirivier Vet Clinic
Sheep: 1
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 3
Mastitis and high somatic cell counts. Due to wet winter and environmental challenge there was an increase in <i>Streptococcus agalactiae</i> and <i>Staphylococcus aureus</i> chronic infections.
Graaff-Reinet, Graaff Reinet Veterinary Clinic
Beef: 1
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 3
Middelburg (EC), Steynsburg Dierehospitaal
Beef: 1
Uitenhage, Uitenhage Dierehospitaal
Dairy: 1
Western Cape
George, George Animal Hospital
Dairy: 3
Baie nat toestande
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2
Malmesbury, Dr Otto Kriek

Dairy: 2
Oudtshoorn, Ostrimed
Dairy: 1
Riversdale, Riversdal Dierekliniek
Dairy: 2
Stellenbosch, Provincial Veterinary Laboratory
Dairy: 1
Stellenbosch: <i>Bacillus cereus</i> was isolated from samples from an udder of a carcass that presented with a severe necrotising mastitis. <i>B. cereus</i> is one of the less common agents of environmental mastitis. When it does cause mastitis the symptoms are reminiscent of <i>Staphylococcal</i> mastitis.
Stellenbosch, Stellenbosch Animal Hospital
Dairy: 1
Swellendam, Swellendam Dierehospitaal
Dairy: 2

Navel III										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)			1.0 (1)	1.5 (2)	1.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef						1.5 (2)			
Sheep		1.0 (1)			1.0 (1)		1.0 (1)		

Gauteng
Pretoria, Anima Veterinary Consulting Rooms
Sheep: 1
Free State
Parys, Parys Dierehospitaal
Sheep: 1
Kwazulu-Natal
Bergville, Tugela Vet Clinic
Beef: 1
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2
Eastern Cape
Middelburg (EC), Steynsburg Dierehospitaal
Sheep: 1

Trauma										^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (1)		1.0 (1)		1.3 (3)	1.0 (1)		

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				1.0 (1)		1.0 (2)	1.0 (1)		
Dairy						2.0 (1)			
Sheep		1.0 (1)							

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 1									
North West									
Lichtenburg, Lichtenburg									
Beef: 1									
Traumatic reticulo-pericarditis - wire penetrating the heart sack									
Kwazulu-Natal									
Dundee, Mpati Veterinary Clinic									
Beef: 1									
Traumatic pericarditis - wire penetrating the heart sack.									
Howick, Howick Veterinary Clinic									
Dairy: 2									
Newcastle, Ncanduvet Newcastle									
Beef: 1									
Traumatic reticulo-pericarditis - wire penetrating the heart sack									
Eastern Cape									
Queenstown, Queenstown Veterinary clinic									
Beef: 1									
Traumatic pericarditis, penetrating wire									
Downer									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.5 (4)	2.0 (2)	3.0 (1)	2.3 (3)	2.0 (9)	2.0 (2)	2.0 (1)	1.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.7 (3)	2.0 (2)	3.0 (1)	2.3 (3)	1.9 (7)	2.0 (2)		1.0 (1)	
Dairy	1.0 (1)				2.0 (1)		2.0 (1)	2.0 (1)	
Sheep					3.0 (1)				
Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 1									
Grootvlei, Grootvlei Dierekliniek									
Beef: 1, Dairy: 1									
Nelspruit, Nelspruit Animal Hospital									
Beef: 3									
Many cases reported from rural areas: cows calving on very poor grazing.									
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 2									
Four cases									
Limpopo									
Makhado, Blouberg Dierekliniek									
Beef: 3									
Due to the drought many downer cows - clients seeking the standing up injection.									
North West									
Brits, Brits Dierekliniek									
Beef: 1									
Leeudoringstad, Leeudoringstad Dierekliniek									

Beef: 3									
Severe drought									
Vryburg, Vryburg Dierehospitaal									
Beef: 3									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 1									
Clocolan, Clocolan Dierekliniek									
Beef: 3, Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1									
Kroonstad, Kroonstad Dierehospitaal									
Beef: 1, Dairy: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Beef: 2									
Vrede, Vrede Dierehospitaal									
Beef: 2									
Wesselsbron, Wesselsbron Dierekliniek									
Beef: 3									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 3									
Dundee, Endumeni Herd health									
Beef: 1									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 2									
Western Cape									
Riversdale, Riversdal Dierekliniek									
Beef: 1, Dairy: 2									
Other									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					3.0 (1)		2.0 (2)	2.0 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					3.0 (1)			1.0 (1)	
Dairy								3.0 (1)	
Sheep							3.0 (1)		
Goat							1.0 (1)		
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 3									
Farmer lost 33 out of 100 animals from <i>Clostridium perfringens</i> . Caused by sheep eating maize sprouts from last year's crop and animals not been properly vaccinated..									
Eastern Cape									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Goat: 1									
Rooiderm- draaiderm									
Middelburg (EC), Steynsburg Dierehospitaal									

Sheep: 3
Mismothering
Western Cape
Malmesbury, Invitrotech
Dairy: 3
13 out of 300 3month old dairy calves died acutely of a nephritis. Leptospirosis negative - diagnosis still unknown.
Plettenberg Bay, Plettenberg Bay A Reitz
Beef: 1
Peritonitis with intestinal torsion

Metabolic Diseases

Acidosis ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)	2.0 (1)			2.3 (4)	2.0 (1)		1.8 (4)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)				3.0 (1)			1.0 (1)	
Dairy						2.0 (1)		2.0 (1)	
Sheep		2.0 (1)			2.0 (3)			2.0 (2)	

Mpumalanga

Nelspruit, Nelspruit Animal Hospital
Beef: 2
Inferior grazing conditions and supplementary feeding of high carbohydrate diets (hominy chop, mealie meal). 6 animals died

Gauteng

Bapsfontein, Bapsfontein Dierehospitaal
--

Sheep: 2

Free State

Clocolan, Clocolan Dierekliniek
--

Sheep: 2

Hoopstad, Hoopstad Dierekliniek
--

Beef: 3, Sheep: 3

Kroonstad, Kroonstad Dierehospitaal
--

Sheep: 1

Kwazulu-Natal

Dundee, Endumeni Herd health

Dairy: 2

Western Cape

George, George Animal Hospital

Beef: 1

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Riversdale, Riversdal Dierekliniek

Sheep: 1

Vredenburg, Vredenburg Dierehospitaal
--

Sheep: 3

Chronic acidosis on non-harvested wheat fields as harvest is too poor to be harvested.

Displaced abomasum ^

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.0 (2)	2.5 (2)	1.0 (1)	3.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Dairy					2.0 (2)	2.5 (2)	1.0 (1)	3.0 (1)	

Free State									
Kroonstad, Kroonstad Dierehospitaal									
Dairy: 2									
Vrede, Vrede Dierehospitaal									
Dairy: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Dairy: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Eastern Cape									
Jeffreys Bay, Cape Cross Veterinary Hospital									
Dairy: 1									
Western Cape									
Darling, Darling Dierekliniek									
Dairy: 3									
On 3 farms - over fat heifers at calving. Result of metritis									

Ketosis									
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		1.0 (2)			2.5 (6)	1.0 (1)	2.0 (2)		3.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		1.0 (1)			2.0 (1)				
Dairy					2.0 (1)	1.0 (1)			
Sheep		1.0 (1)			2.8 (4)		2.0 (2)		3.0 (1)

Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Sheep: 1									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 1									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 2									
Farmer lost 2 jersey dairy cows from fatty liver, 1 before and 1 after partus.									
Clocolan, Clocolan Dierekliniek									
Sheep: 3									
Frankfort, Frankfort Dierekliniek									
Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Dairy: 2, Sheep: 3									

Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Kwazulu-Natal									
Dundee, Endumeni Herd health									
Dairy: 1									
Eastern Cape									
Cradock, Cradock Veterinary Clinic									
Sheep: 2									
Domsiekte due to poor grazing conditions									
Graaff-Reinet, Camdeboo Veterinary Clinic									
Sheep: 2									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Sheep: 3									
Milk Fever									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.0 (1)	1.0 (1)			1.8 (5)	1.3 (3)		1.8 (6)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.0 (1)				1.0 (2)	2.0 (1)		1.0 (2)	
Dairy		1.0 (1)				1.0 (1)		2.3 (4)	
Sheep					2.3 (3)	1.0 (1)			
Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 1									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Dairy: 1									
Free State									
Frankfort, Frankfort Dierekliniek									
Sheep: 3									
Hoopstad, Hoopstad Dierekliniek									
Beef: 1									
Reitz, Riemland Dierekliniek									
Sheep: 2									
Villiers, Wilgepoort Dierekliniek Vennootskap									
Sheep: 2									
Zastron, Zastron Dierekliniek									
Beef: 1									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Dundee, Endumeni Herd health									
Dairy: 1, Sheep: 1									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Dairy: 2									
George, George Animal Hospital									
Dairy: 3									

Heidelberg (WC), Heidelberg Dierekliniek

Dairy: 2

Riversdale, Riversdal Dierekliniek

Beef: 1, Dairy: 2

Stellenbosch, Stellenbosch Animal Hospital

Beef: 1

Reproductive diseases**Dystocia (Difficult Births)**

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.8 (8)	1.6 (5)	1.6 (5)	2.8 (8)	2.3 (22)	2.1 (18)	2.2 (5)	2.2 (9)	3.0 (1)

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.7 (7)	1.5 (2)	1.8 (4)	2.9 (7)	2.4 (17)	2.2 (13)	2.3 (3)	2.3 (3)	3.0 (1)
Dairy	2.0 (1)				1.0 (1)	2.0 (3)	2.0 (2)	2.2 (6)	
Sheep		1.5 (2)		2.0 (1)	2.3 (3)	1.5 (2)			
Goat		2.0 (1)	1.0 (1)		2.0 (1)				

Mpumalanga**Balfour, Balfour Dierekliniek**

Beef: 1

Bethal, Bethal Dierekliniek

Beef: 2

Delmas, Dr Johan Jooste

Dairy: 2

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 2

Grootvlei, Grootvlei Dierekliniek

Beef: 2

Lydenburg, Lydenburg Diersprekkamer

Beef: 2

Middelburg, Middelburg Dierehospitaal

Beef: 1

Volksrust, Cape Cross Volksrust Dierehospitaal

Beef: 2

Gauteng**Bapsfontein, Bapsfontein Dierehospitaal**

Sheep: 2

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

Pretoria, Anima Veterinary Consulting Rooms

Sheep: 1

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1, Goat: 2

Limpopo**Mokopane, Dr Henk Visser**

Beef: 2

Polokwane, Pietersburg Veterinary Clinic

Beef: 3
Tzaneen, Tzaneen Dierekliniek
Beef: 1, Goat: 1
Vaalwater, Vaalwater Dieresprekkamer
Beef: 1
North West
Brits, Brits Dierekliniek
Beef: 3
Christiana, Christiana Dierehospitaal
Beef: 3
Klerksdorp, Klerksdorp Dierehospitaal
Beef: 3
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Lichtenburg, Lichtenburg
Beef: 2, Sheep: 2
Stella, Stella Dierekliniek
Beef: 3
Vryburg, Vryburg Dierehospitaal
Beef: 3
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 2
More cows with dystocias this year due to too large calves.
Bultfontein, Greylingrust Dieresprekkamer
Sheep: 2
Clocolan, Clocolan Dierekliniek
Beef: 3
Ficksburg, Oos Vrystaat Diere Produkte
Beef: 2
Frankfort, Frankfort Dierekliniek
Beef: 3
Harrismith, Harrismith Dierehospitaal
Beef: 3
Hertzogville, Hertzogville Dierekliniek
Beef: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3, Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 2
Memel, Memel Veterinary Clinic
Beef: 2
Parys, Parys Dierehospitaal
Beef: 2
Drought and genetic factors
Reitz, Riemland Dierekliniek
Beef: 3
Viljoenskroon, Viljoenskroon Dierekliniek
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2, Sheep: 2
Vrede, Vrede Dierehospitaal
Beef: 3, Dairy: 1, Goat: 2
Wesselsbron, Wesselsbron Dierekliniek

Beef: 1
Winburg, Winburg Dierekliniek
Beef: 3
Zastron, Zastron Dierekliniek
Beef: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 3
Bergville, Tugela Vet Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 2, Sheep: 2
Dundee, Mpati Veterinary Clinic
Beef: 3, Sheep: 1
Estcourt, Estcourt Vet Clinic
Beef: 2, Dairy: 2
Greytown, Greytown Veterinary Hospital
Beef: 2
Howick, Howick Veterinary Clinic
Beef: 2, Dairy: 3
Kokstad, E.G.Veterinary Services
Beef: 3
Mooi River, Moirivier Vet Clinic
Beef: 2, Dairy: 1
Caesarian
Mtubatuba, Mtubatuba Animal Clinic
Beef: 1
Newcastle, Ncanduvet Newcastle
Beef: 3
Pietermaritzburg, Richmond Veterinay Clinic
Beef: 2
Cows in poor condition
Underberg, Underberg Veterinary Surgery
Beef: 2
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 2
Alexandria, Dr Thys (MJ) Potgieter
Beef: 2
Six dystocias of which 3 are Bonsmara heifers - calves too large
Aliwal North, Uitspan C Troskie
Beef: 3
Humansdorp, Humansdorp Veterinary Clinic
Dairy: 2
Uitenhage, Uitenhage Dierehospitaal
Beef: 2
Western Cape
Caledon, Overberg Veterinary Hospital
Dairy: 2
George, George Animal Hospital
Beef: 3, Dairy: 2
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2
Malmesbury, Dr Otto Kriek

Dairy: 2
Riversdale, Riversdal Dierekliniek
Beef: 2, Dairy: 2
Stellenbosch, Stellenbosch Animal Hospital
Beef: 2
Swellendam, Swellendam Dierehospitaal
Dairy: 3
Northern Cape
Kimberley, Kimberley Dierekliniek
Beef: 3

Endometritis									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (1)				1.8 (5)	2.0 (3)		2.0 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)				1.7 (3)				
Dairy					2.0 (2)	2.0 (3)		2.0 (2)	

Mpumalanga
Grootvlei, Grootvlei Dierekliniek
Beef: 2
Free State
Clocolan, Clocolan Dierekliniek
Beef: 1, Dairy: 2
Hoopstad, Hoopstad Dierekliniek
Beef: 3
Kroonstad, Kroonstad Dierehospitaal
Dairy: 2
Vrede, Vrede Dierehospitaal
Beef: 1
Kwazulu-Natal
Dundee, Endumeni Herd health
Dairy: 1
Howick, Howick Veterinary Clinic
Dairy: 3
Mooi River, Mooirivier Vet Clinic
Dairy: 2
Western Cape
Caledon, Overberg Veterinary Hospital
Dairy: 2
Heidelberg (WC), Heidelberg Dierekliniek
Dairy: 2

Metritis									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.0 (2)	1.0 (1)		1.0 (1)	1.7 (3)	3.0 (1)	3.0 (1)	2.5 (2)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (1)	1.0 (1)		1.0 (1)	1.7 (3)				
Dairy	3.0 (1)					3.0 (1)	3.0 (1)	2.5 (2)	

Mpumalanga

Balfour, Balfour Dierekliniek

Beef: 1

Delmas, Dr Johan Jooste

Dairy: 3

Gauteng

Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic

Beef: 1

Pyometra

North West

Christiana, Christiana Dierehospitaal

Beef: 1

Free State

Hoopstad, Hoopstad Dierekliniek

Beef: 2

Memel, Memel Veterinary Clinic

Beef: 1

Parys, Parys Dierehospitaal

Beef: 2

Kwazulu-Natal

Howick, Howick Veterinary Clinic

Dairy: 3

Eastern Cape

Kareedouw, Tenax Vet Clinic

Dairy: 3

213 cases treated

Western Cape

Malmesbury, Dr Otto Kriek

Dairy: 2

Swellendam, Swellendam Dierehospitaal

Dairy: 3

Poor conception



PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.3 (3)			2.0 (1)	2.3 (7)	2.0 (3)	1.0 (1)	2.3 (3)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (2)				2.2 (6)	1.5 (2)	1.0 (1)		
Dairy	3.0 (1)					3.0 (1)		2.3 (3)	
Sheep				2.0 (1)	3.0 (1)				

Mpumalanga

Delmas, Dr Johan Jooste

Dairy: 3

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 2

Volksrust, Cape Cross Volksrust Dierehospitaal									
Beef: 2									
North West									
Klerksdorp, Klerksdorp Dierehospitaal									
Sheep: 2									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Beef: 2									
Few herds where cows were bred in winter had poor conception.									
Clocolan, Clocolan Dierekliniek									
Beef: 3									
Harrismith, Harrismith Dierehospitaal									
Beef: 1									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3, Sheep: 3									
Ladybrand, Ladybrand / Excelsior Dierekliniek									
Beef: 2									
Winburg, Winburg Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Bergville, Tugela Vet Clinic									
Beef: 1									
Dundee, Endumeni Herd health									
Beef: 2									
Howick, Howick Veterinary Clinic									
Dairy: 3									
Eastern Cape									
Graaff-Reinet, Graaff Reinet Veterinary Clinic									
Beef: 1									
Western Cape									
Caledon, Overberg Veterinary Hospital									
Dairy: 2									
Malmesbury, Dr Otto Kriek									
Dairy: 2									
Heat detection remains a challenge over weekends !!									
Swellendam, Swellendam Dierehospitaal									
Dairy: 3									
Retained afterbirth									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.7 (3)		2.0 (2)	2.7 (6)	1.8 (9)	1.9 (7)	1.0 (1)	2.3 (3)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.5 (2)		2.0 (2)	2.7 (6)	1.9 (8)	1.8 (5)			
Dairy	2.0 (1)					2.0 (2)	1.0 (1)	2.3 (3)	
Sheep					1.0 (1)				
Mpumalanga									
Balfour, Balfour Dierekliniek									
Beef: 1									
Delmas, Dr Johan Jooste									

Dairy: 2
Grootvlei, Grootvlei Dierekliniek
Beef: 2
Limpopo
Makhado, Blouberg Dierekliniek
Beef: 3
Mokopane, Dr Henk Visser
Beef: 1
North West
Brits, Brits Dierekliniek
Beef: 3
Leeudoringstad, Leeudoringstad Dierekliniek
Beef: 3
Lichtenburg, Dr CM Krüger-Rall
Beef: 3
Stella, Stella Dierekliniek
Beef: 3
Ventersdorp, Buffelsvlei Dierekliniek
Beef: 1
Vryburg, Vryburg Dierehospitaal
Beef: 3
Free State
Bultfontein, Greylingrust Diersprekkamer
Beef: 2
Clocolan, Clocolan Dierekliniek
Beef: 2
Harrismith, Harrismith Dierehospitaal
Beef: 1
Hoopstad, Hoopstad Dierekliniek
Beef: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 1
Parys, Parys Dierehospitaal
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 1, Sheep: 1
Winburg, Winburg Dierekliniek
Beef: 3
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 1, Dairy: 1
Howick, Howick Veterinary Clinic
Dairy: 3
Kokstad, E.G.Veterinary Services
Beef: 2
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Pongola, Pongola Animal Clinic
Beef: 2
Eastern Cape
Alexandria, Alexandria Platteland Spreekkamer
Dairy: 1

Western Cape									
Caledon, Overberg Veterinary Hospital									
Dairy: 2									
Malmesbury, Dr Otto Kriek									
Dairy: 3									
Swellendam, Swellendam Dierehospitaal									
Dairy: 2									

Sheath Prolaps									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.0 (3)				2.0 (1)	1.3 (3)			
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.0 (3)				2.0 (1)	1.3 (3)			
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Mpumalanga									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 1									
Grootvlei, Grootvlei Dierekliniek									
Beef: 1									
Volksrust, Cape Cross Volksrust Dierehospitaal									
Beef: 1									
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2									
Kwazulu-Natal									
Bergville, Bergville Veterinary Clinic									
Beef: 2									
Mooi River, Mooirivier Vet Clinic									
Beef: 1									
Mtubatuba, Mtubatuba Animal Clinic									
Beef: 1									

Uterus prolaps									^
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PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
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Average	1.7 (3)		1.0 (1)	2.0 (1)	1.9 (16)	2.0 (5)	1.0 (2)	1.7 (3)	2.0 (1)
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Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.7 (3)		1.0 (1)	2.0 (1)	1.8 (11)	2.0 (5)			2.0 (1)
Dairy							1.0 (1)	2.0 (1)	
Sheep					2.0 (5)		1.0 (1)	1.5 (2)	

Mpumalanga									
Bethal, Bethal Dierekliniek									
Beef: 1									
Ermelo, Môregloed Veterinêre Spreekkamer									

Beef: 2
Grootvlei, Grootvlei Dierekliniek
Beef: 2
Limpopo
Vaalwater, Vaalwater Dieresprekkamer
Beef: 1
North West
Brits, Brits Dierekliniek
Beef: 2
Free State
Bothaville, Cape Cross Bothaville Veterinary Hospital
Beef: 1
Clocolan, Clocolan Dierekliniek
Beef: 3, Sheep: 2
Ficksburg, Oos Vrystaat Diere Produkte
Beef: 2
Frankfort, Frankfort Dierekliniek
Beef: 3, Sheep: 2
Hertzogville, Hertzogville Dierekliniek
Beef: 1
Hoopstad, Hoopstad Dierekliniek
Sheep: 3
Kroonstad, Kroonstad Dierehospitaal
Beef: 1
Reitz, Riemland Dierekliniek
Beef: 2
Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2, Sheep: 1
Vrede, Vrede Dierehospitaal
Beef: 2
Wesselsbron, Wesselsbron Dierekliniek
Beef: 2
Zastron, Zastron Dierekliniek
Beef: 1, Sheep: 2
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 2
Dundee, Endumeni Herd health
Beef: 2
Estcourt, Estcourt Vet Clinic
Beef: 2
Howick, Howick Veterinary Clinic
Beef: 2
Kokstad, E.G.Veterinary Services
Beef: 2
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 1
Jeffreys Bay, Cape Cross Veterinary Hospital
Dairy: 1
Western Cape
Caledon, Overberg Veterinary Hospital
Sheep: 2
Riversdale, Riversdal Dierekliniek

Sheep: 1									
Swellendam, Swellendam Dierehospitaal									
Dairy: 2									
Northern Cape									
Kimberley, Kimberley Dierekliniek									
Beef: 2									
Vaginal (Cervical) prolaps									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	1.4 (5)	2.0 (3)		2.5 (2)	1.8 (10)	1.5 (8)	1.0 (1)	1.5 (2)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	1.7 (3)	2.0 (3)		2.0 (1)	1.7 (7)	1.6 (7)		1.0 (1)	
Sheep	1.0 (2)			3.0 (1)	2.0 (3)	1.0 (1)	1.0 (1)	2.0 (1)	
Mpumalanga									
Bethal, Bethal Dierekliniek									
Beef: 1, Sheep: 1									
Ermelo, Môregloed Veterinêre Spreekkamer									
Beef: 2									
Grootvlei, Grootvlei Dierekliniek									
Beef: 2									
Volksrust, Cape Cross Volksrust Dierehospitaal									
Sheep: 1									
Gauteng									
Bapsfontein, Bapsfontein Dierehospitaal									
Beef: 2									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 1									
Pretoria, Onderstepoort Academic Hospital and Production Animal Clinic									
Beef: 3									
North West									
Brits, Brits Dierekliniek									
Beef: 2									
Leeudoringstad, Leeudoringstad Dierekliniek									
Sheep: 3									
Vaginal and rectal prolapses - tails amputated too short									
Free State									
Bothaville, Cape Cross Bothaville Veterinary Hospital									
Sheep: 2									
Dewetsdorp, Platkop Dierekliniek									
Beef: 1									
Frankfort, Frankfort Dierekliniek									
Beef: 2									
Hertzogville, Hertzogville Dierekliniek									
Beef: 2									
Hoopstad, Hoopstad Dierekliniek									
Beef: 2, Sheep: 2									
Reitz, Riemland Dierekliniek									
Beef: 2									

Villiers, Wilgepoort Dierekliniek Vennootskap
Beef: 2, Sheep: 2
Vrede, Vrede Dierehospitaal
Beef: 1
Kwazulu-Natal
Bergville, Bergville Veterinary Clinic
Beef: 3
Dundee, Endumeni Herd health
Beef: 1, Sheep: 1
Estcourt, Estcourt Vet Clinic
Beef: 1
Greytown, Greytown Veterinary Hospital
Beef: 1
Howick, Howick Veterinary Clinic
Beef: 2
Mooi River, Mooirivier Vet Clinic
Beef: 1
Mtubatuba, Mtubatuba Animal Clinic
Beef: 2
Eastern Cape
Humansdorp, Humansdorp Veterinary Clinic
Sheep: 1
Western Cape
Caledon, Overberg Veterinary Hospital
Sheep: 2
Stellenbosch, Stellenbosch Animal Hospital
Beef: 1

Climatical Cause

Cold exposure										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average	1.0 (2)							2.0 (1)		
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported										
Beef	1.0 (1)									
Sheep	1.0 (1)							2.0 (1)		

Mpumalanga
Ermelo, M^oregloed Veterin^ore Spreekkamer
Beef: 1, Sheep: 1
Western Cape
Riversdale, Riversdal Dierekliniek
Sheep: 2

Drought										^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape	
Average			3.0 (1)		3.0 (1)	3.0 (3)				

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef		3.0 (1)		3.0 (1)	3.0 (1)
Sheep					3.0 (1)
Goat					3.0 (1)

Limpopo

Makhado, Blouberg Direkliniek

Beef: 3

Severe drought conditions - doing pregnancy examinations - dry cows are sold.

Free State

Ladybrand, Ladybrand / Excelsior Direkliniek

Beef: 3

Dusty dry air, extreme temperatures.

Kwazulu-Natal

Pietermaritzburg, Richmond Veterinay Clinic

Beef: 3

Macronutrient deficiencies due to worst drought in decades

Sheep: 3, Goat: 3

Heat stress

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	3.0 (1)			3.0 (3)	2.0 (2)	1.0 (1)		2.0 (1)	

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef				3.0 (1)					
Dairy	3.0 (1)					1.0 (1)			
Sheep				3.0 (1)	2.0 (2)			2.0 (1)	
Goat				3.0 (1)					

Mpumalanga

Delmas, Dr Johan Jooste

Dairy: 3

North West

Brits, Brits Direkliniek

Beef: 3, Sheep: 3, Goat: 3

Free State

Ladybrand, Ladybrand / Excelsior Direkliniek

Sheep: 1

Phillipolis, Rowelsfontein veearts Spreekkamer

Sheep: 3

Kwazulu-Natal

Dundee, Endumeni Herd health

Dairy: 1

Western Cape

Caledon, Overberg Veterinary Hospital

Sheep: 2

Lightning

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average	2.6 (5)	3.0 (1)		2.0 (1)	1.9 (8)	2.0 (4)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef	2.5 (4)	3.0 (1)		2.0 (1)	1.9 (7)	2.0 (4)			
Sheep	3.0 (1)				2.0 (1)				

Mpumalanga

Ermelo, Môregloed Veterinêre Spreekkamer

Beef: 3

Nelspruit, Nelspruit Animal Hospital

Beef: 2

Piet Retief, Pets Vet Hospital

Beef: 3

Volkswrust, Cape Cross Volkswrust Dierehospitaal

Beef: 2, Sheep: 3

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 3

10 bulls with one client, 4 bulls of another, 4 bulls of another and 2 cows of another client.

North West

Lichtenburg, Lichtenburg

Beef: 2

Free State

Clocolan, Clocolan Dierekliniek

Beef: 2

Dewetsdorp, Platkop Dierekliniek

Beef: 2

Hoopstad, Hoopstad Dierekliniek

Beef: 3

Memel, Memel Veterinary Clinic

Beef: 2, Sheep: 2

Reitz, Riemland Dierekliniek

Beef: 1

Vrede, Vrede Dierehospitaal

Beef: 1

Wesselsbron, Wesselsbron Dierekliniek

Beef: 2

Kwazulu-Natal

Bergville, Bergville Veterinary Clinic

Beef: 2

Dundee, Endumeni Herd health

Beef: 2

Howick, Howick Veterinary Clinic

Beef: 2

Newcastle, Ncanduvet Newcastle

Beef: 2

Frozen to death



PROVINCE	Mpumalanga	Gauteng	Limpopo	North	Free	Kwazulu-	Eastern	Western	Northern
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				West	State	Natal	Cape	Cape	Cape
Average								2.0 (1)	
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Sheep								2.0 (1)	
Western Cape									
Riversdale, Riversdal Dierekliniek									
Sheep: 2									
Residues									
Drug residues									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)							
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef		2.0 (1)							
Gauteng									
Bronkhorstspuit, Kerkstraat Dierekliniek									
Beef: 2									
Non specific diseases									
Cause of death not established									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					3.0 (1)	1.0 (1)			
Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported									
Beef					3.0 (1)	1.0 (1)			
Free State									
Hoopstad, Hoopstad Dierekliniek									
Beef: 3									
Kwazulu-Natal									
Mooi River, Mooirivier Vet Clinic									
Beef: 1									
Preditors									^
PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average		2.0 (1)			2.4 (5)	1.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	2.0 (1)	2.0 (2)	1.0 (1)
Sheep		2.7 (3)	

Gauteng

Bronkhorstspuit, Kerkstraat Dierekliniek

Beef: 2

One farmer lost 15 calves below month old, to stray township dogs!

Free State

Bothaville, Cape Cross Bothaville Veterinary Hospital

Beef: 2

Jackals eat the calves of cows that have difficulty when calving and still lying down.

Clocolan, Clocolan Dierekliniek

Beef: 2, Sheep: 3

Frankfort, Frankfort Dierekliniek

Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Sheep: 2

Kwazulu-Natal

Estcourt, Estcourt Vet Clinic

Beef: 1

Sabotage - Theft

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					2.6 (7)	1.0 (1)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef					2.3 (3)				
Sheep					2.8 (4)	1.0 (1)			

Free State

Clocolan, Clocolan Dierekliniek

Beef: 3, Sheep: 3

Frankfort, Frankfort Dierekliniek

Beef: 2, Sheep: 2

Hoopstad, Hoopstad Dierekliniek

Sheep: 3

Villiers, Wilgepoort Dierekliniek Vennootskap

Beef: 2, Sheep: 3

Kwazulu-Natal

Dundee, Endumeni Herd health

Sheep: 1

Trauma

PROVINCE	Mpumalanga	Gauteng	Limpopo	North West	Free State	Kwazulu-Natal	Eastern Cape	Western Cape	Northern Cape
Average					1.5 (4)	1.0 (2)			

Level of importance scale: 1 = one case, 2 = more than one case but less than ten and 3 = more than 10 cases reported

Beef	1.5 (2)	1.0 (2)
Sheep	1.5 (2)	
Free State		
Clocolan, Clocolan Dierekliniek		
Beef: 2, Sheep: 2		
Hoopstad, Hoopstad Dierekliniek		
Beef: 1		
Ladybrand, Ladybrand / Excelsior Dierekliniek		
Sheep: 1		
Kwazulu-Natal		
Dundee, Endumeni Herd health		
Beef: 1		
Ingogo, Gen XY Stud Beef Consultancy		
Beef: 1		

Practices that had nothing to report

Karino (Nelspruit) – Dr. Silke Pfitzer
 Lephalale – Dr. Brigitte Luck
 Jan Kempdorp – Dr. Jan Brand

Reports were also received from practices regarding ostriches, horses and game. These reports as well as the feedlot and laboratory reports are to be seen below the Disease distribution report as reported by veterinarians.

Ostriches

Western Cape

Oudtshoorn – Ostrimed

Condition	Comments
Bont-legged ticks	3 - Very high tick numbers due to an increase in temperature and increased humidity.
Nuisance flies	3 - Wet areas for breeding places and increased day temp.
Midges	2 - Wet areas for breeding places and increased day temp.
Pneumonia	1
Diarrhoea	3 - Climatic changes with heat and high humidity – triggers to dysbacteriosis. Together with by pass of carbohydrates and protein leads to overgrowth of <i>Clostridia</i> and <i>E. coli</i> . Treatment is difficult due to resistance. Standard reaction to antibiotics is unpredictable.
Heatstroke	2

Equines

Mpumalanga

Balfour – Balfour Dierekliniek

Tetanus (1)

Lydenburg – Lydenburg Dieresprekkamer

Retained afterbirth (1)

Ophthalmia (2)

Makhado – Blouberg

African horse sickness (2) – 4 cases

North West

Vryburg - Vryburgdierehospitaal

Babesiosis (2)

Free-State

Bethlehem - Bethlehemiendierehospitaal

Colic (2)

Memel – Memel Veterinary Clinic

Nuisance flies (1)

Eastern Cape

Port Alfred - Port Alfred Veterinary clinic

Biliary (2) – 2 cases (Bathurst and Fish River)

Rain scald (2) – 5 cases in Bathurst

Swine

Gauteng

Nigel – Welgelegen Dierekliniek

E. coli (2)

Eastern Cape

Uitenhage – Uitenhage Dierehospitaal

E. coli (2)

Game

Gauteng

Pretoria – Anima Veterinary Consulting Rooms

Vitamin B1 deficiency (1)

Limpopo

Mokopane – Dr. Henk Visser

Intestinal roundworms (1)
Bont ticks (2)
Brown ear-ticks (1)
Screw-worm (2)
Blackquarter (1)
Swelled head (1)
Abortion (1)
Abortion (1)
Abscesses (2)

Makhado – Blouberg

Heartwater (2) – Springbok
Red gut (2) – Buffalo cows

Polokwane - Pietersburg Veterinary Clinic

Bont-legged ticks (3)
Pulpy kidney (1)
Coccidiosis (1)
Trauma (1)

North West

Klerksdorp

Intestinal roundworms (2) - Nyalas
Coccidiosis (1) – Nyalas

Klerksdorp - Buffeldoordierekliniek

Bont-legged tick (2)
Lameness (1)
Capture myopathy (3) – Bontebok moved from Karoo to Nort West, 5 out of 15 died from suspected capture myopathy.

Lichtenburg – Silvercrossvets

Intestinal roundworms (2)
Blue ticks (3)
Protein deficiency (2) - sable
Abscesses (3) – sable
Capture myopathy (1) – springbok
Trauma (2) - nyala

Free State

Memel – Memel Veterinary Clinic

Blackquarter (1)

Parys - Parysdierehospitaal

Ophthalmia (3)

Winburg – Winburgdierekliniek

Mortalities due to drought – Nyala, Gemsbok, Springbok and Oribi
Capture myopathy

KwaZulu-Natal

Pongola - Pongola animal clinic

Internal roundworms (2)

Bont ticks (3)

Protein deficiency (3)

Energy deficiency (3)

Phosphate deficiency (2)

Calcium deficiency (2)

Drought conditions (3) Game dying like flies. Disaster and those that can afford feed are feeding at great expense.

Eastern Cape

Alexandria –Thys Potgieter

Dystocia (1) – Buffalo posterior presentation

Port Alfred - Port Alfred Veterinary clinic

Diarrhoea (1) – *E. coli* in buffalo

Humansdorp – Humansdorp Veterinary Clinic

Intestinal roundworms – immature sable

Abscess – kudu cow

Abscess – giraffe with abscess caused by bont tick bite

Blind – springbok blind in both eyes

Northern Cape

Upington – Dr. Ian Vorster

Mortalities – Two rhinos. Rhinos were transported in a truck with fine water spray causing a high humidity. First rhino died 3 days later due to stasis of the intestinal tract (ileus) and infection. Second rhino died one week later of pneumonia.

Wildlife Pathology Research Programme – National Zoological Gardens.

Information supplied by Dr. Emily Lane (Emily@nzg.ac.za)

28 August 2015 to 23 October 2015

WILDLIFE PATHOLOGY RESEARCH PROGRAMME

NATIONAL ZOOLOGICAL GARDENS

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The National Zoological Gardens of South Africa is a proud facility of the National Research Foundation
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and Botanic Gardens (PAAZAB)

23 Oct 2015
DAFF

Import/Export Policy Unit Subdirector

Monthly report:

Cases sent to referring veterinarians between 28th August and 23rd October 2015

Cases from State vet Skukuza or Orpen

Cases imported with master permit and CITES permits (none)

PMDate Species Final PM No

01-Jun-15 Indian Ocean Bottlenose Dolphin Meningitis and trauma 15Z096
08-Jun-15 Cheetah Feline Panleukopaenia virus infection 15Z099
09-Jun-15 African Black Footed Cat Mucous bronchopneumonia, glomerulopathy, oxalate nephrosis 15Z100
15-Jun-15 Cheetah Feline Panleukopaenia virus infection 15Z103
19-Jun-15 Cheetah None possible (autolysis) 15Z104
22-Jun-15 Cheetah Salmonella septicaemia, suspected Feline Panleukopaenia virus infection 15Z105
22-Jun-15 Lappet-faced Vulture Suspected complications of severe air sac haemorrhage 15Z102
22-Jun-15 Cheetah Suspected FPLV 15Z106
23-Jun-15 Honey Badger Blunt trauma 15Z107
25-Jun-15 Cheetah FPLV 15Z108
25-Jun-15 Cheetah presumed FPLV 15Z109
29-Jun-15 Cheetah No necropsy done 15Z110
29-Jun-15 Cheetah FPLV 15Z111
29-Jun-15 Cheetah FPLV 15Z112
29-Jun-15 Cheetah Gastritis monitoring 15Z113B
30-Jun-15 Cheetah FPLV 15Z114
30-Jun-15 Spotted Dikkop Blunt trauma 15Z115
06-Jul-15 African Wild Dog Complications of nasal neuroendocrine tumour 15Z119
06-Jul-15 Red eyed Dove Blunt trauma 15Z120
07-Jul-15 Porcupine Septicaemia 15Z121
07-Jul-15 Axolotl Unknown (no lesions) 15Z122
07-Jul-15 Lion Bite wounds 15Z123
07-Jul-15 Leopard Rabies 15Z124
08-Jul-15 Crested Barbet Fractured left leg 15Z125
09-Jul-15 Cichlid kribensis Suspected cutaneous fibrosarcoma 15Z127B
10-Jul-15 Egyptian Goose Fractured spine 15Z128
13-Jul-15 Cheetah Gastritis monitoring 15Z131B
20-Jul-15 Okapi Myocardial necrosis, cachexia 15Z132
20-Jul-15 Rosy Flamingo Amyloidosis 15Z133
23-Jul-15 Chacma baboon None possible (autolysis) 15Z134
23-Jul-15 Chacma baboon Healthy (problem) animal 15Z135
24-Jul-15 African Penguin Suspected maladaptation to new enclosure 15Z136
24-Jul-15 White Rhino Suspected starvation, possible ovarian disease 15Z137
23-Jul-15 Cheetah Gastritis monitoring 15Z138B
23-Jul-15 Cheetah Euthanasia (aggression) 15Z139
23-Jul-15 Cheetah Euthanasia (aggression) 15Z140
23-Jul-15 Cheetah Suspected leopard attack (fractured spine) 15Z141
23-Jul-15 Cheetah Limb and pelvic fractures 15Z142
06-Aug-15 African Wild Dog Bacterial pneumonia and gastritis 15Z144
04-Aug-15 Black Gibbon Ductus deferens biopsy 15Z143B
13-Aug-15 African Rock Python Aeromonas septicaemia 15Z145
12-Aug-15 Caracal Canine parvoviral infection 15Z146
13-Aug-15 Lion Septicaemia 15Z147
14-Aug-15 Red Panda Chronic renal failure 15Z148

18-Aug-15 African Wild Dog Suspected complications of canine distemper virus infection 15Z149

18-Aug-15 Nyala Ruptured abdomen 15Z150

18-Aug-15 Lion Suspected trauma 15Z151

19-Aug-15 Babirussa Metastatic pulmonary squamous cell carcinoma 15Z153

20-Aug-15 African Penguin Suspected bacterial enteritis 15Z154

24-Aug-15 Rock Dassie Encephalitis 15Z155

24-Aug-15 Laughing Dove Bacterial stomatitis, possible Pigeon Paramyxovirus 15Z156

Also see laboratory reports

Monthly report on Livestock and Wildlife isolations for September 2015 from IDEXX Laboratories supplied by dr. Marijke Henton (marijke-henton@idexxa.net)

Moraxella bovis was isolated from the eyes of cattle. There are three different *Moraxella* species involved in IBK [Infectious Bovine Keratoconjunctivitis], and *Moraxella bovis* is the most important. *Moraxella bovoculi* can also cause it, but it is of low virulence, as is *Moraxella ovis* which is usually isolated from sheep. The vaccine only protects against *Moraxella bovis*. IBK is exacerbated by dust and dry winds, both of which were, and are still prevalent.

Blue udder in sheep was caused by *Staphylococcus aureus* and *Mannheimia haemolytica*. Udder abscesses in a goat were caused by *Trueperella pyogenes*, as was a pig abscess, a bovine abortion and three cases of pneumonia in cattle.

Other causes of bovine pneumonia were *Mannheimia haemolytica* and *Staphylococcus aureus*. Pneumonia in a pig was associated with *Pasteurella multocida*, and *Streptococcus dysgalactiae* caused arthritis in another pig.

Salmonella Typhimurium caused enteritis in adult cows, and *Salmonella* Dublin caused septicaemia in a calf.

All the other cases were associated with *E. coli*; enteritis in ostriches [2], enteritis, pleuritis, pneumonia and septicaemia in pigs, enteritis in calves [6], enteritis in a lamb, enteritis and bumblefoot in chickens and mastitis in a cow.

The only case of interest in wildlife was *Cryptococcus* in a chronically affected cheetah. Molecular tests will establish whether it is *Cryptococcus neoformans* or *C. gattii*. Ordinary biochemical tests are not reliable in this regard.

Feedlot report received from Dr. Shaun Morris and Dr. Eben du Preez for October 2015 (edupreez1@telkomsa.net)

Sheep feedlots

Dusty conditions again contributed to the incidence of pneumonia in feedlots.

Salmonella Typhimurium infection caused some losses.

The drought and poor nutrition were the cause of poor and weak lambs arriving at feedlots and they had adaptation problems.

Vitamin A and trace element deficiencies in sheep contributed to the presence of eye infections.

Wireworm infestations was still at a low level.

Acidosis and blood gut occurred in a group of lambs that had been on creep feed. The rumens of these sheep were severely damaged with the result that losses occurred and growth was retarded.

Creep feed rations should be formulated with the help of a nutritionist. Circumstances of each farm is unique and must be taken into consideration when this system is used on a farm.

Cattle feed lots

Dust contributed to the increase in lung diseases which caused mortalities.

Wind contributed to nutritional disturbances, bloat, acidosis and red gut cases occurred.

Blackquarter caused sporadic deaths inspite of good vaccination programmes.

Lumpy skin disease broke out in feedlots in the Limpopo province and in other feedlots this disease was seen sporadically.

At abattoirs a large percentage of lungs were seen with chronic lesions and adhesions and this was due to unfavourable weather conditions.

The severe heat conditions caused stress which depressed the immunity of aspecially the lighter calves but also cattle that had been standing in feedlots for some time

Monthly Feedlot report for October 2015 from Dr. Andy Hentzen

(andyvet@mweb.co.za)

Conditions	Species
Intestinal roundworms	O 1
Tapeworms	B 2
Liver fluke	B 3
Conical fluke	B 3
Blue ticks	B 2
Biting lice	B 3
Sucking lice	B 3
Nuisance flies	B 2
Midges	B,O,C 3

African red water	B 2
Asiatic redwater	B 2
Anaplasmosis	B 2
Vibriosis	B 1
Leptospirosis	B 1
Blackleg	B 2
Red gut	B 3
BVD	B 2
IBR	B 3
Warts	B 3
Protein deficiency	B 3
Energy deficiency	B 3
Vitamin A deficiency	B 2
Copper deficiency	B 2
Zinc deficiency	B 2
Selenium deficiency	B 2
Abortion	B 2
Lameness	B 3
Lung	B 3
Diarrhoea	B 3
Abscesses	C 3
Eye problems	B 3
Abscesses	
Dystocia	B 2
Metritis	B 2
Retained afterbirth	B 2
Tulip poisoning	B 3
Water contamination	B 2

Due to very dry conditions cows lack protein and energy due to malnutrition, reserves depleted and therefore cows have little or no milk.

B – bovine; O – ovine; C – caprine; P – pigs; G – game

1 = one case; 2 = 2 to 9 cases; 3 = more than 10 cases

Monthly report for October 2015 from Dr R D Last (BVSc; M.Med.Vet(Path); MRCVS)

Specialist Veterinary Pathologist, Vetdiagnostix - Veterinary Pathology Services

Contributors

- Mr Butch Bosch
- Ms Ntando Magoso
- Mrs Beverley Williams
- Ms Nicole Gengan

- Dr Rick Last

LIVESTOCK DISEASE SURVEILANCE			
LIVESTOCK SPECIES	DISEASE AGENT	NO. CASES	LOCATION
Ovine, Ewe	Ovine Johnes Disease	1	Humansdorp, E.Cape
Caprine, Doe	Rumen acidosis with free gas bloat	1	Pietermaritzburg, KZN
Bovine Cow	MCF Widebeest Associated	1	Pongola KZN
Bovine Cow	MCF Widebeest Associated	1	Pongola KZN
Ovine, Ewe	Chlamydophila abortus	1	Vryheid KZN
Bovine Cow	MCF Widebeest Associated	1	Ficksberg OFS
Bovine Cow	MCF Widebeest Associated	1	Estcourt KZN
Bovine Bull	Trichomonas	2	Bergville KZN
Bovine Bull	Trichomonas	3	Bergville KZN
Bovine Bull	Trichomonas	1	Bergville KZN
Bovine Bull	Trichomonas	1	Bergville KZN
Bovine Bull	Trichomonas	5	Bergville KZN
Bovine Bull	Trichomonas	4	Bergville KZN
Bovine Bull	Trichomonas	1	Bergville KZN
Bovine Bull	Trichomonas	2	Vryheid KZN
Bovine Bull	Trichomonas	13	Bergville KZN
Bovine Bull	Trichomonas	1	Bergville KZN
Bovine Bull	Trichomonas	3	Bethal OFS
Bovine Bull	Trichomonas	6	Bergville KZN

Monthly report for October 2015 from IDEXX laboratories (Onderstepoort) supplied by dr. Liza du Plessis

Disease or condition	Specie and numbers
Heartwater	G 1
Theileriosis	G 2
Johne's disease	O 1
<i>E. coli</i>	P 1
Bovine malignant catarrh	B 1
Protein / Energy deficiency	B,C,G 2
Abortion	B,C,G 2
Lungs	B,O,G 2
Diarrhoea	B,G 2
Capture myopathy	G 1

B – bovine; O – ovine; C – caprine; P – pigs; G – game

1 = one case; 2 = 2 to 9 cases; 3 = more than 10 cases

Monthly report for October 2015 from Queenstown Provincial Veterinary Laboratory as supplied by Dr. A.D. Fischer (alan.fischer@drdar.gov.za)

Condition	Area	Comments and Specie
Intestinal roundworms	Mqanduli	B 1
Anaplasmosis	Queenstown	B 1
Vibriosis	Queenstown; Dordrecht; Cathcart; Adelaide; Aliwal North; Elliot; Lady Grey; Indwe	12 cases (24 positive bulls)
Blood gut	Whittlesea	O 1
<i>Brucella ovis</i>	Queenstown	O 3
Coccidiosis	Cofimvaba	O 3
Rabies	Cofimvaba	B 1
<i>Chlamydophila</i>	Queenstown; Mthatha	B,O,C 3 Continue to see abortions, stillbirths, peri-natal deaths and mismothered weak lambs positive for <i>Chlamydophila</i> (enzootic abortion) – various districts
Tulip poisoning	Nqcoobo	B 3
Ink berry	Lady Frere	B 2
Slangkop	Queenstown	C 1
<i>Cotula (Matricaria) nigelifolia</i> (stootsiektebossie)	Mqandula	B 2
Abortion (<i>Brucella abortus</i>)	Queenstown	B 1
Frothy bloat	Cathcart; Queenstown; Whittlesea	O 3

B – bovine; O – ovine; C – caprine; P – pigs; G – game

1 = one case; 2 = 2 to 9 cases; 3 = more than 10 cases