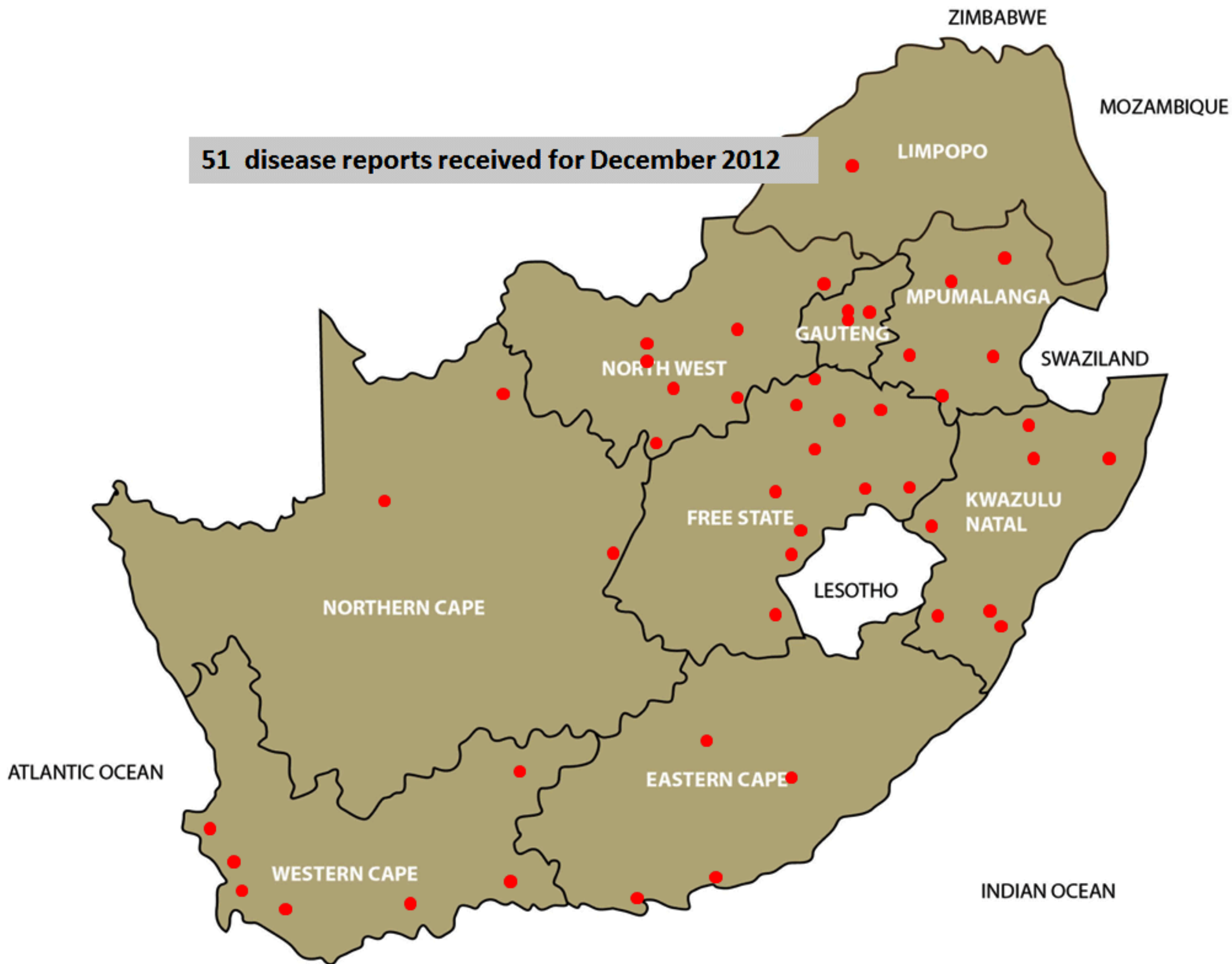
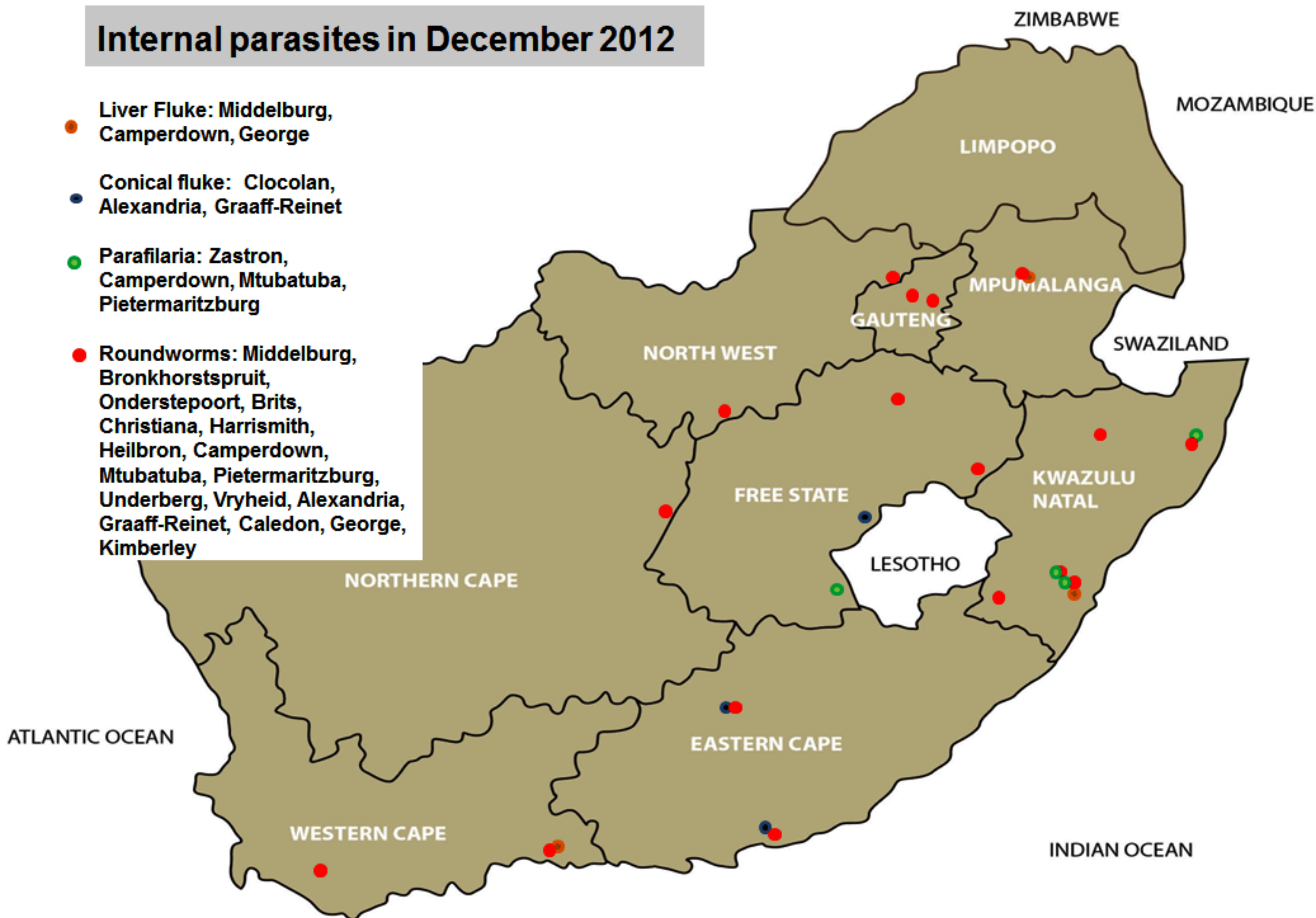


51 disease reports received for December 2012



Internal parasites in December 2012

- Liver Fluke: Middelburg, Camperdown, George
- Conical fluke: Clocolan, Alexandria, Graaff-Reinet
- Parafilaria: Zastron, Camperdown, Mtubatuba, Pietermaritzburg
- Roundworms: Middelburg, Bronkhorstspuit, Onderstepoort, Brits, Christiana, Harrismith, Heilbron, Camperdown, Mtubatuba, Pietermaritzburg, Underberg, Vryheid, Alexandria, Graaff-Reinet, Caledon, George, Kimberley



Ticks reported in December 2012

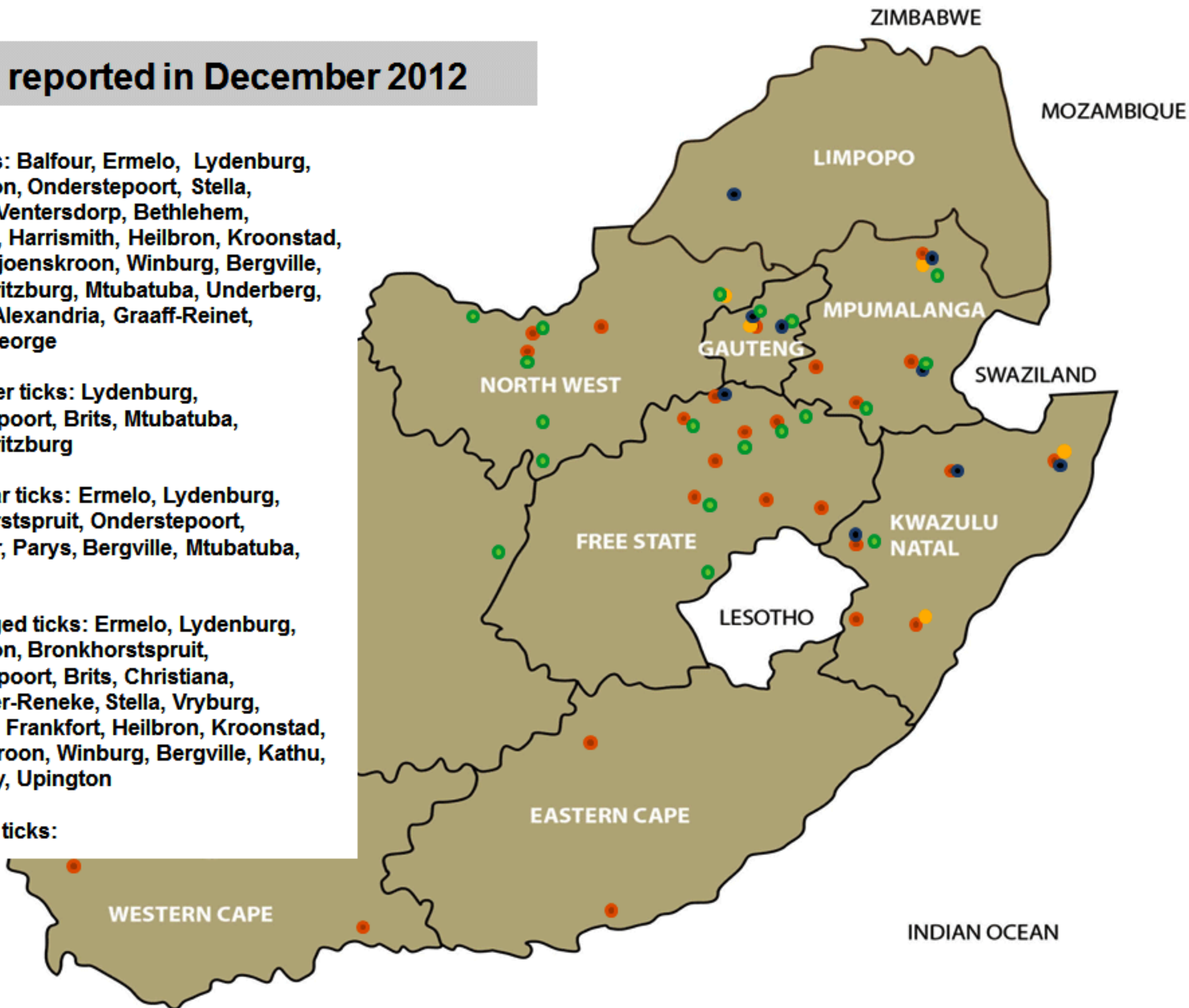
● Blue ticks: Balfour, Ermelo, Lydenburg, Standerton, Onderstepoort, Stella, Vryburg, Ventersdorp, Bethlehem, Frankfort, Harrismith, Heilbron, Kroonstad, Parys, Viljoenskroon, Winburg, Bergville, Pietermaritzburg, Mtubatuba, Underberg, Vryheid, Alexandria, Graaff-Reinet, Darling, George

● Heartwater ticks: Lydenburg, Onderstepoort, Brits, Mtubatuba, Pietermaritzburg

● Brown Ear ticks: Ermelo, Lydenburg, Bronkhorstspuit, Onderstepoort, Vaalwater, Parys, Bergville, Mtubatuba, Vryheid

● Bont legged ticks: Ermelo, Lydenburg, Standerton, Bronkhorstspuit, Onderstepoort, Brits, Christiana, Schweizer-Reneke, Stella, Vryburg, Clocolan, Frankfort, Heilbron, Kroonstad, Viljoenskroon, Winburg, Bergville, Kathu, Kimberley, Upington

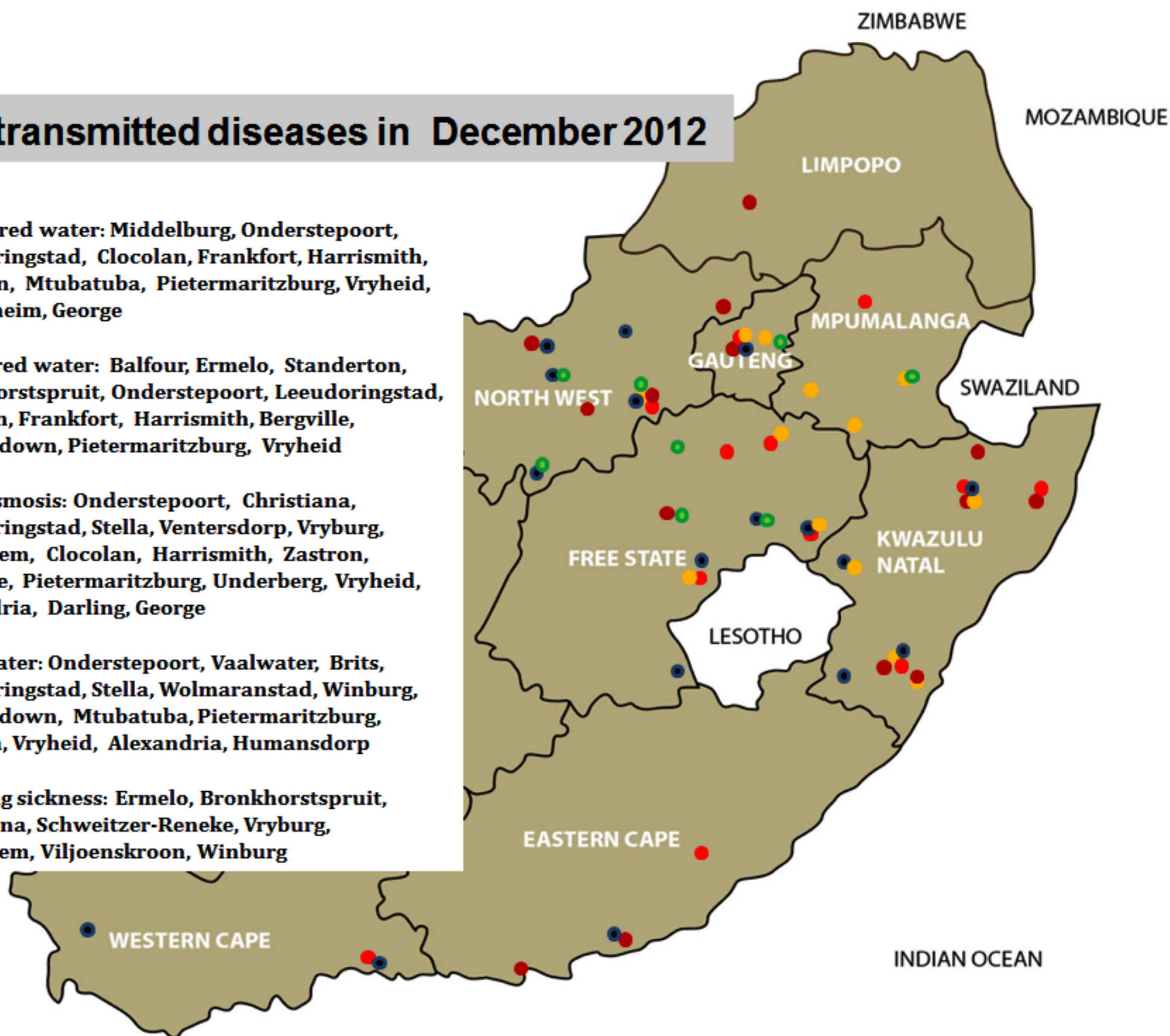
● Paralysis ticks:



Tick transmitted diseases in December 2012

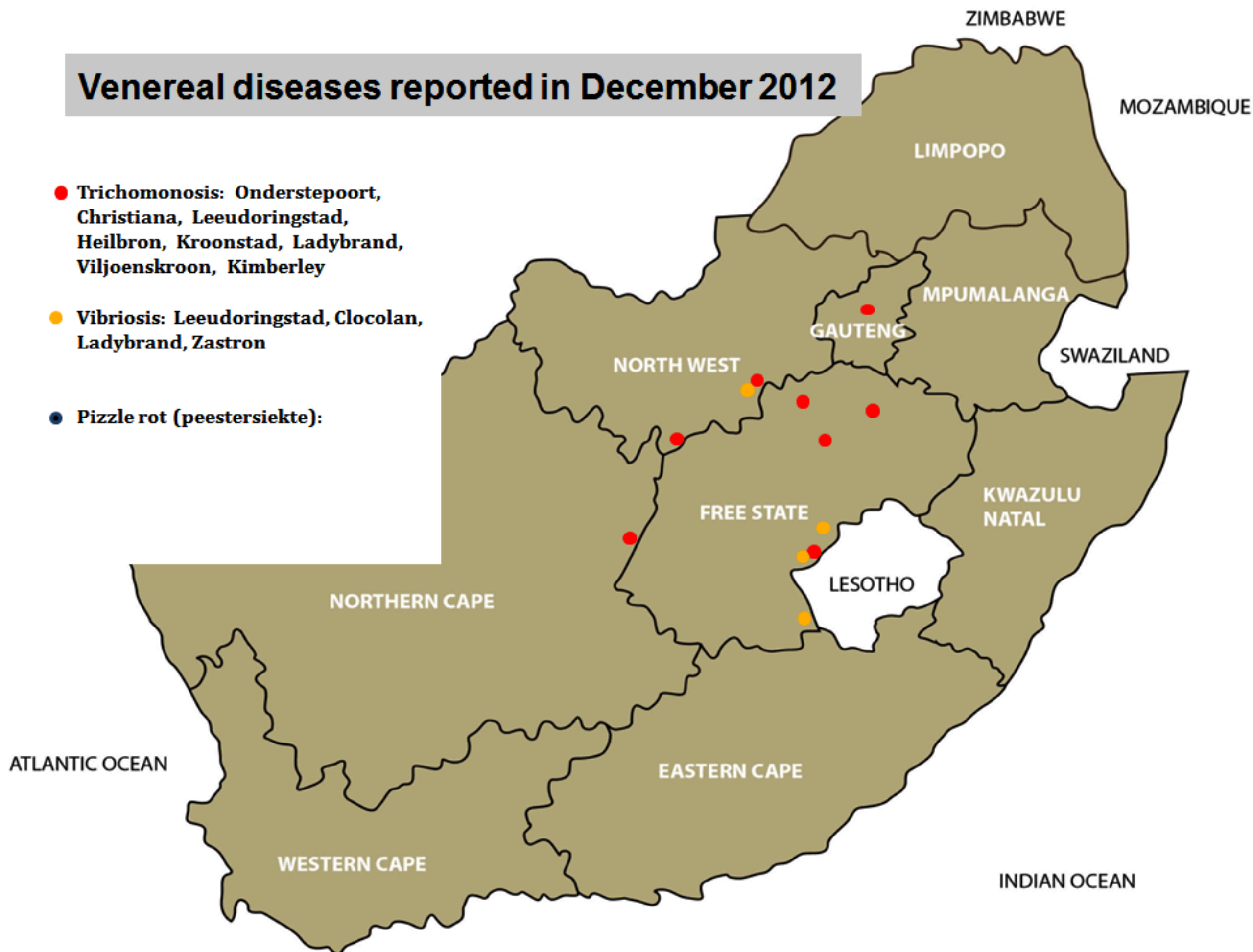
- **African red water:** Middelburg, Onderstepoort, Leeudoringstad, Clocolan, Frankfort, Harrismith, Heilbron, Mtubatuba, Pietermaritzburg, Vryheid, Stutterheim, George
- **Asiatic red water:** Balfour, Ermelo, Standerton, Bronkhorstspuit, Onderstepoort, Leeudoringstad, Clocolan, Frankfort, Harrismith, Bergville, Camperdown, Pietermaritzburg, Vryheid
- **Anaplasmosis:** Onderstepoort, Christiana, Leeudoringstad, Stella, Ventersdorp, Vryburg, Bethlehem, Clocolan, Harrismith, Zastron, Bergville, Pietermaritzburg, Underberg, Vryheid, Alexandria, Darling, George
- **Heartwater:** Onderstepoort, Vaalwater, Brits, Leeudoringstad, Stella, Wolmaranstad, Winburg, Camperdown, Mtubatuba, Pietermaritzburg, Pongola, Vryheid, Alexandria, Humansdorp
- **Sweating sickness:** Ermelo, Bronkhorstspuit, Christiana, Schweitzer-Reneke, Vryburg, Bethlehem, Viljoenskroon, Winburg

ATLANTIC



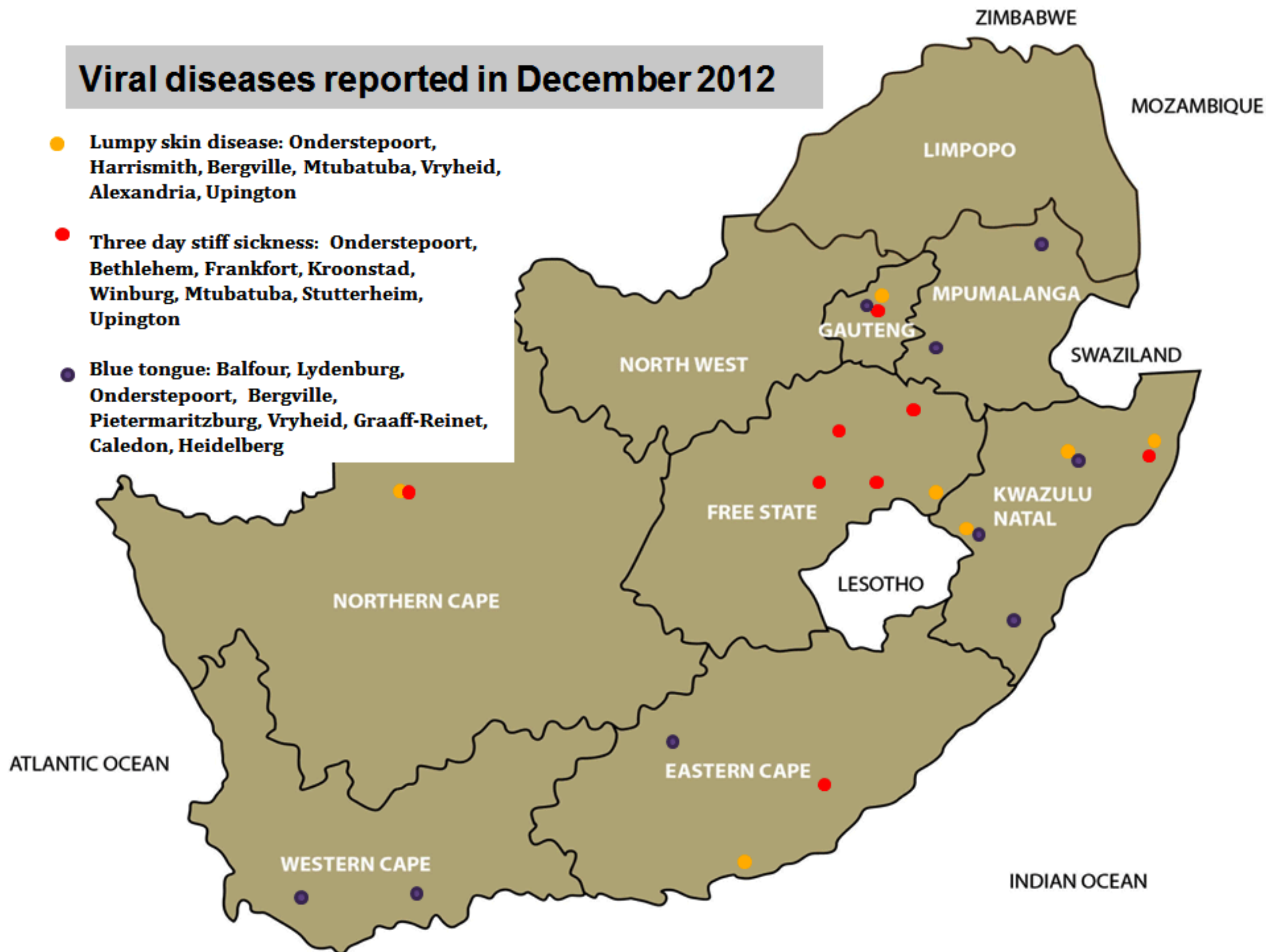
Venereal diseases reported in December 2012

- **Trichomonosis:** Onderstepoort, Christiana, Leeudoringstad, Heilbron, Kroonstad, Ladybrand, Viljoenskroon, Kimberley
- **Vibriosis:** Leeudoringstad, Clocolan, Ladybrand, Zastron
- **Pizzle rot (peestersiekte):**



Viral diseases reported in December 2012

- **Lumpy skin disease:** Onderstepoort, Harrismith, Bergville, Mtubatuba, Vryheid, Alexandria, Upington
- **Three day stiff sickness:** Onderstepoort, Bethlehem, Frankfort, Kroonstad, Winburg, Mtubatuba, Stutterheim, Upington
- **Blue tongue:** Balfour, Lydenburg, Onderstepoort, Bergville, Pietermaritzburg, Vryheid, Graaff-Reinet, Caledon, Heidelberg



Viral diseases reported in December 2012

● BMC: Vryburg, Heilbron

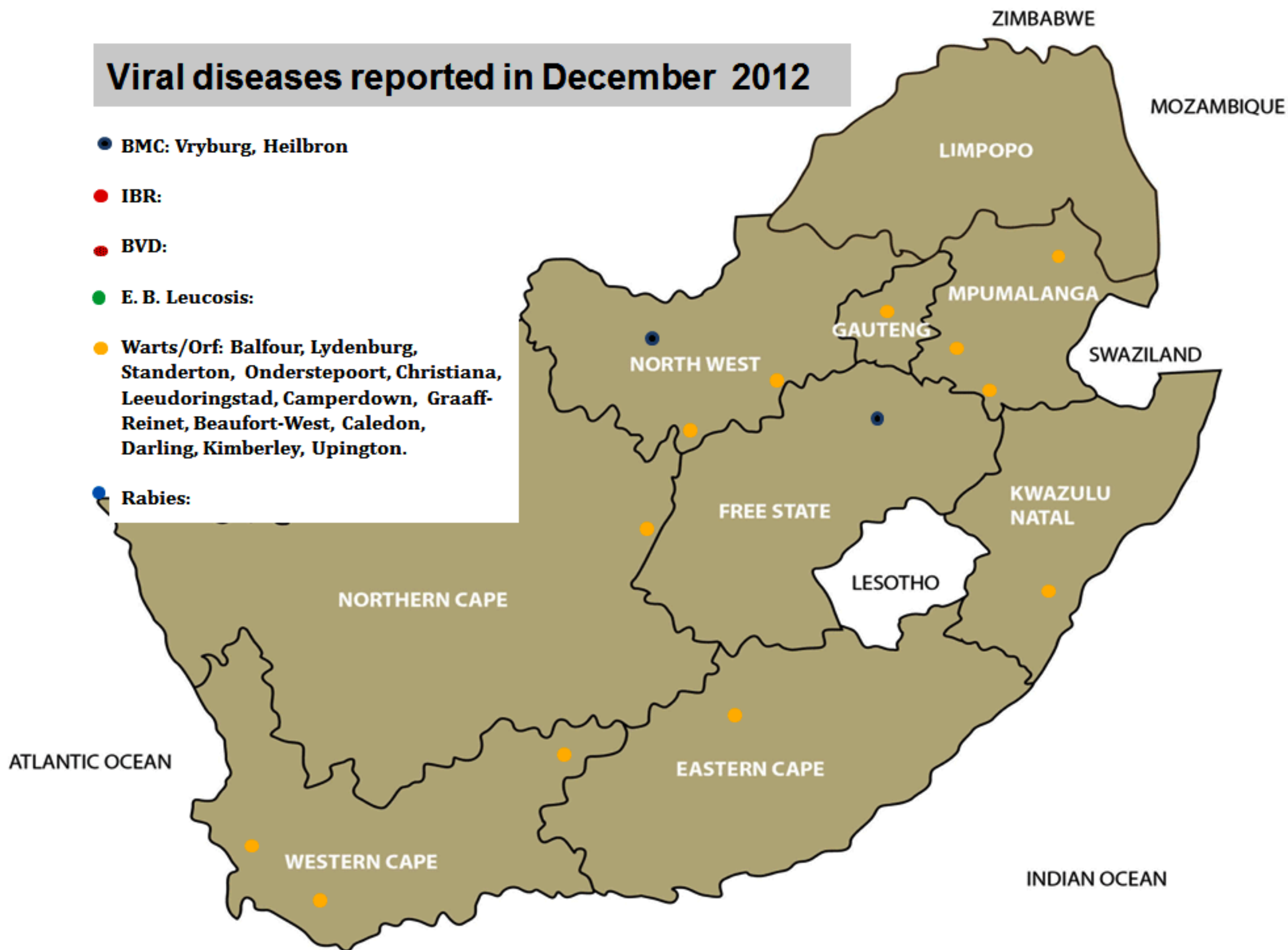
● IBR:

● BVD:

● E. B. Leucosis:

● Warts/Orf: Balfour, Lydenburg, Standerton, Onderstepoort, Christiana, Leeudoringstad, Camperdown, Graaff-Reinet, Beaufort-West, Caledon, Darling, Kimberley, Upington.

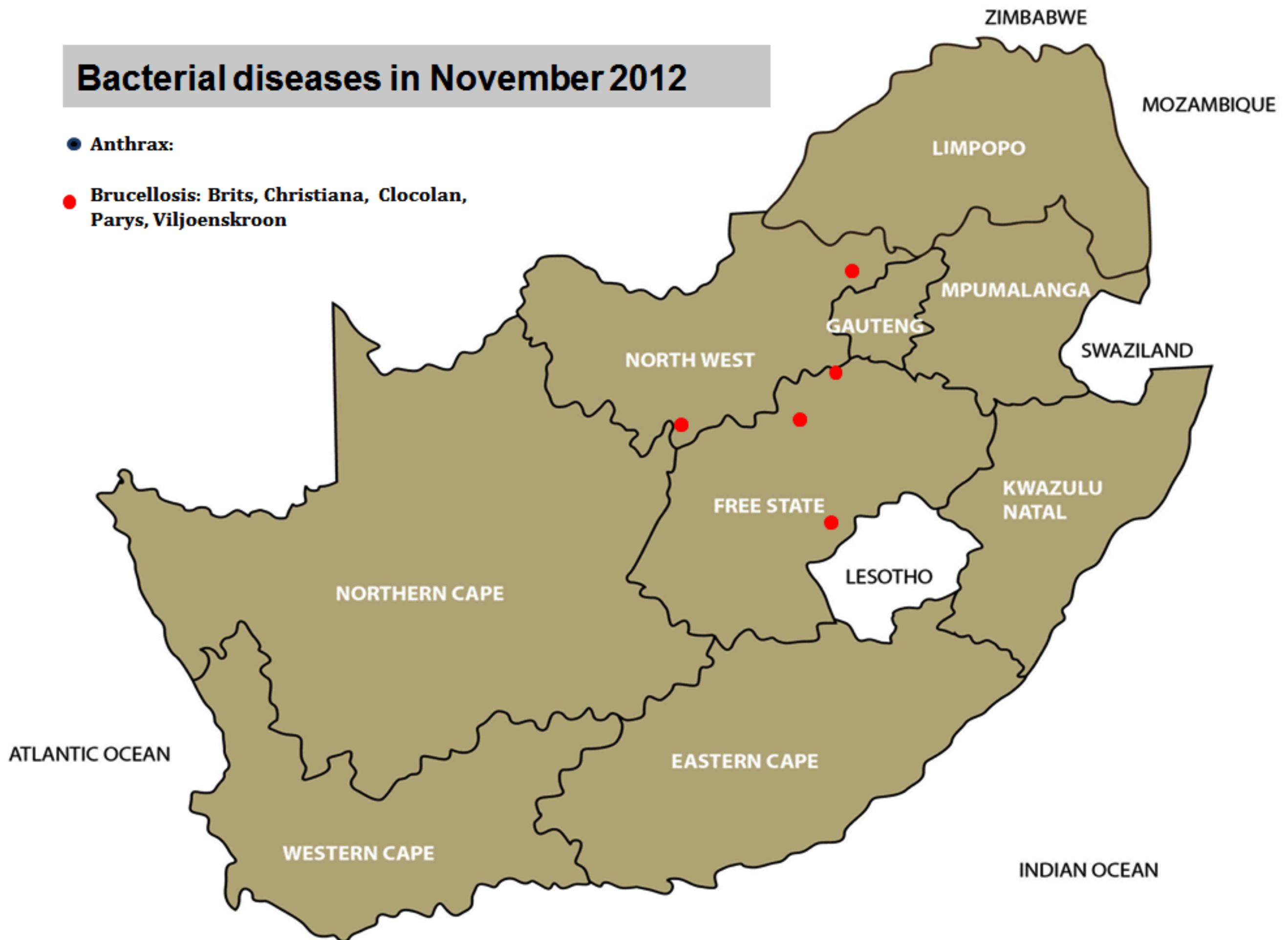
● Rabies:



Bacterial diseases in November 2012

● Anthrax:

● Brucellosis: Brits, Christiana, Clocolan, Parys, Viljoenskroon



Bacterial diseases reported in December 2012

- Gas gangrene: Middelburg, Harrismith, Kroonstad, Viljoenskroon
- Swelled head: Standerton, Bronkhorstspuit, Heilbron
- Uterine gangrene:
- Red gut/ Blood gut: Standerton, Vryburg, Frankfort, Graaff-Reinet, Beaufort-West
- Pulpy kidney: Balfour, Ermelo, Bronkhorstspuit, Onderstepoort, Heilbron, Zastron, Bergville, George, Upington
- Botulism: Standerton, Bronkhorstspuit, Onderstepoort, Christiana, Kimberley, Vryburg, Kroonstad, Zastron

