

Figure: 4 TAC §45.2(a)

Multiple species diseases

Akabane - Akabane virus

Anthrax** - *Bacillus anthracis*

Aujeszky's disease - Pseudorabies virus, herpesvirus suis

Leishmaniasis** - *Leishmania infantum* and *L. donovani*

Foot and mouth disease - Aphthovirus, types A,O,C, SAT, Asia

Heartwater - *Cowdria ruminantium*

African Trypanosomosis (Nagana) - *Trypanosoma brucei*, *T. vivax*,

T. brucei

Rinderpest - Morbillivirus

Rift Valley fever - Bunya virus

Vesicular stomatitis - Rhabdovirus; 2 serotypes; New Jersey and Indiana

Screwworm - *Cochliomyia hominivorax*

Schmallenberg virus

Cattle diseases (including Exotic Bovidae)

Bovine babesiosis - *B. bovis*, *B. divergens*, *Babesia microti*

Bovine brucellosis - *Brucella abortus*

Bovine ephemeral fever – Rhabdovirus

Bovine trichomonosis – trichomoniasis****

Bovine tuberculosis - *Mycobacterium bovis*

East coast fever (Theileriosis) - *Theileria parva*

Malignant catarrhal fever (wildebeest associated) - Alcelaphine
herpesvirus (AHV 1)

Contagious bovine pleuropneumonia - *Mycoplasma mycoides*

Lumpy skin disease - Neethling poxvirus

Bovine spongiform encephalopathy

Scabies - *Sarcoptes scabiei*, *Psoroptes bovis*, *Chorioptes bovis*

Cervidae

Brucellosis - *Brucella abortus*, *Brucella suis* (biotype 4)

Chronic Wasting Disease

Tuberculosis - *Mycobacterium bovis*

Sheep and goat diseases

Caprine and ovine brucellosis (not *B. ovis* infection) – *Brucella melitensis*

Contagious caprine pleuropneumonia - *Mycoplasma capri* (biotype 78)

Louping ill - Flavivirus

Nairobi sheep disease - Bunyaviridae

Peste des petits ruminants - Morbillivirus, Paramyxoviridae family

Sheep pox and goat pox - Capripoxvirus

Scrapie

Scabies - *Sarcoptes scabiei*

Equine diseases

African horse sickness - Orbivirus

Contagious equine metritis - *Tayorella equigenitalis*

Dourine - *Trypanosoma equiperdum*

Epizootic lymphangitis - *Histoplasma farciminosum*

Equine encephalomyelitis (Eastern and Western)** - Alphavirus

Equine infectious anemia - Lentivirus

Equine morbillivirus pneumonia - Morbillivirus

Equine piroplasmiasis - *Babesia equi*, *B. caballi*

Glanders - *Pseudomonas mallei*

Japanese encephalitis - Flavivirus

Surra - *Trypanosoma evansi*

Venezuelan equine encephalomyelitis** - Alphavirus; Togaviridae family

Equine Viral Arteritis (EVA)***

Equine Herpes Virus-1 (EHV-1)

Swine diseases

- African swine fever - Poxvirus
- Classical swine fever (hog cholera) - Togovirus
- Pseudorabies - Herpesvirus suis
- Porcine brucellosis - Brucella suis
- Novel Swine Enteric Coronavirus disease(s)
- Swine vesicular disease - Picornavirus
- Vesicular Exanthema - Calicivirus

Poultry diseases

- Avian influenza - Orthomyxoviruse
- Avian infectious laryngotracheitis - Orthomyxovirus, herpesvirus
- Avian tuberculosis - Mycobacterium avium serovars 1,2
- Duck virus hepatitis - Picornavirus
- Fowl typhoid - Salmonella gallinarum
- Highly pathogenic avian influenza (fowl plague) – Orthomyxovirus (type H5 or H7)
- Infectious encephalomyelitis - Arbovirus
- Ornithosis (psitticosis) - Chlamydia psittaci
- Pullorum disease - Salmonella pullorum
- Newcastle disease (VVND) - Paramyxovirus-1 (PMV-1)
- Paramyxovirus infections (other than Newcastle disease) - PMV-2 to PMV-9

Rabbit diseases

- Myxomatosis - Myxomatosis virus
- Viral haemorrhagic disease of rabbits - Calciviral disease

**These diseases are also reportable to the Department of State Health Services (DSHS)

***This disease has reporting standards in Chapter 49, §49.4 of this title.

****Results of tests for this disease shall be reported within 48 hours of completion of the tests.