

Reportable Animal Diseases in Michigan

Updated July 2016

If you suspect any of these diseases, please call 800-292-3939 (daytime) or 517-373-0440 (emergencies only).

Pursuant to Act 466 of 1988, MCL 287.709, a person who discovers or suspects or has reason to believe that an animal is either affected by a reportable disease or contaminated with a toxic substance shall immediately report this to the Michigan Department of Agriculture and Rural Development.

Abalone viral mortality (AbHV)	Equine encephalomyelitis [Eastern (EEE), Western (WEE), Venezuelan (VEE)]*	Oncorhynchus masou virus disease (OMV)
Acute hepatopancreatic necrosis disease	Equine herpesvirus myeloencephalopathy	Ovine epididymitis (<i>Brucella ovis</i> infection)*
African horse sickness	Equine infectious anemia (EIA)	Ovine pulmonary adenomatosis
African swine fever	Equine influenza (virus Type A)	<i>Perkinsus marinus</i> , <i>P. olseni</i>
Akakane disease (congenital arthrogryposis)	Equine piroplasmiasis (<i>Babesia caballi</i> , <i>Theileria equi</i>)*	Peste des petits ruminants
Anaplasmosis (<i>Anaplasma caudatum</i> , <i>A. centrale</i> , <i>A. marginale</i>)*	Equine rhinopneumonitis (EHV 1)	Piscirickettsiosis (<i>Piscirickettsia salmonis</i>)
Anthrax (<i>Bacillus anthracis</i>)*	Equine viral arteritis (EVA)	Plague (<i>Yersinia pestis</i>)*
Avian infectious bronchitis	Erysipelas (<i>Erysipelothrix rhusiopathiae</i>)	Porcine Reproductive and Respiratory Syndrome (PRRS)
Avian infectious laryngotracheitis	Foot and mouth disease (FMD)	Proliferative kidney disease (<i>Tetracapsuloides bryosalmonae</i>)
Avian influenza, highly pathogenic *	Fowl cholera (<i>Pasteurella multocida</i>)	Pseudorabies (Aujeszky's Disease, PRV)
Avian influenza, low pathogenic (H5 or H7)*	Fowl typhoid (<i>Salmonella gallinarum</i>)*	Pullorum disease (<i>Salmonella pullorum</i>)*
Babesiosis (<i>Babesia bovis</i> , <i>B. bigemina</i>)*	Genital campylobacteriosis (Vibriosis) (<i>Campylobacter fetus venerealis</i>)	Q fever (<i>Coxiella burnetii</i>)*
Bacterial kidney disease (<i>Renibacterium salmoninarum</i>)	Glanders (<i>Burkholderia mallei</i>)*	QPX (Quahog parasite unknown)
Bluetongue*	Goat and sheep pox	Rabbit hemorrhagic disease
<i>Bonamia exitiosa</i> , <i>B. ostreae</i>	Gyrodactylosis (<i>Gyrodactylus salaris</i>)	Rabies*
Botulism (<i>Clostridium botulinum</i>)	<i>Haplosporidium nelsoni</i> (MSX) or <i>Haplosporidium costale</i> (sea side organism)	Ranavirus
Bovine leukemia virus, enzootic bovine leukosis (BLV)	Heartwater (<i>Ehrlichia ruminantium</i>)	Red seam bream iridoviral disease
Bovine spongiform encephalopathy (BSE)*	Hemorrhagic septicemia (<i>Pasteurella multocida</i>)	Rift Valley fever*
Bovine viral diarrhea (BVD)	Hendra (Equine Morbillivirus Pneumonia)*	Rinderpest
Brucellosis (all <i>Brucella</i> species)*	Infectious bovine rhinotracheitis/infectious pustular vulvovaginitis (IBR/IPV)	Salmon pancreas disease (<i>Salmonid alphavirus</i>)
Camelpox	Infectious bursal disease (IBD)	<i>Salmonella abortus ovis</i> *
Canine influenza (all variants)	Infectious hematopoietic necrosis	Scrapie
Caprine arthritis-encephalitis (CAE)	Infectious hypodermal and hematopoietic necrosis virus	Screwworm (New and Old World) (<i>Cochliomyia hominivora</i> , <i>Chrysomya bezziana</i>)*
Ceratomyxosis (<i>Ceratomyxa shasta</i>)	Infectious myonecrosis virus	Spherical baculovirus
Chlamydiosis (<i>Chlamydia psittaci</i>)*	Infectious pancreatic necrosis	Spring viremia of carp (SVCV)
Chronic wasting disease (CWD)	Infectious salmon anemia	Surra (<i>Trypanosoma evansi</i>)
Chytridiomycosis (<i>Batrachochytrium</i>)	Influenza (for swine shown @ fairs/exhibitions with fever $\geq 105^{\circ}\text{F}$, clinical or asymptomatic)*	Swine Enteric Coronavirus (including <i>Porcine Epidemic Diarrhea Virus</i> and <i>Porcine Delta Coronavirus</i>)
Classical swine fever (Hog cholera)	Japanese encephalitis*	Swine vesicular disease
Contagious agalactia (<i>Mycoplasma agalactiae</i>)	Johne's Disease, Paratuberculosis (<i>Mycobacterium avium paratuberculosis</i>)	Taura syndrome virus
Contagious bovine pleuropneumonia (CBPP) (<i>Mycoplasma mycoides mycoides</i>)	Koi herpesvirus disease (KHV)	Tetrahedral baculovirus (<i>Baculovirus penaei</i>)
Contagious caprine pleuropneumonia (CCPP) (<i>Mycoplasma capricolum capripneumoniae</i> , <i>Mycoplasma biotype F-38</i> , <i>M. mycoides capri</i>)	Leishmaniasis*	Theileriasis (<i>Theileria annulata</i> , <i>T. parva</i>)
Contagious equine metritis (<i>Taylorella equigenitalis</i>)	Leptospirosis*	Toxic substance contamination
Crayfish plague (<i>Aphanomyces astaci</i>)	Listeriosis (<i>Listeria monocytogenes</i>)*	Transmissible gastroenteritis (TGE)
Crimean Congo hemorrhagic fever*	Lumpy skin disease	Trichinellosis (<i>Trichinella spiralis</i>)*
Cysticercosis (<i>Cysticercus cellulosae</i> , metacestode stage of <i>Taenia solium</i>)*	Lymphocytic Choriomeningitis Virus*	Trichomoniasis (<i>Trichomonas foetus</i>)
Dourine (<i>Trypanosoma equiperadum</i>)	Lymphoproliferative disease virus (LPDV)	Trypanosomiasis (<i>Trypanosoma brucei</i> , <i>T. congolense</i> , <i>T. vivax</i>)
Duck viral enteritis (Duck Plague)	Maedi-visna/Ovine progressive pneumonia	Tuberculosis (all <i>Mycobacterium</i> species)*
Duck viral hepatitis	Malignant catarrhal fever	Tularemia (<i>Francisella tularensis</i>)*
Early mortality syndrome, Necrotizing hepatopancreatitis	Mange (<i>Sarcoptes scabiei var ovis</i>)*	Turkey coronavirus
Echinococcosis/hydatidosis (<i>Echinococcus spp.</i>)*	Marek's disease	Turkey rhinotracheitis
Enterovirus encephalomyelitis	<i>Marteilia chungmeunsis</i> , <i>M. refringens</i> , <i>M. sydneyi</i>	Vesicular exanthema
Enzootic abortion of ewes, ovine chlamydiosis (<i>Chlamydia psittaci</i>)*	Melioidosis (<i>Burkholderia pseudomallei</i>)*	Vesicular stomatitis (VS)*
Epizootic hematopoietic necrosis (EHNV)	Monkey pox*	Viral encephalopathy & retinopathy
Epizootic hemorrhagic disease (EHD)	Mycoplasmosis (<i>Mycoplasma gallisepticum</i> , <i>M. meleagridis</i> , <i>M. synoviae</i>)	Viral hemorrhagic septicemia (VHS)
Epizootic ulcerative syndrome (<i>Aphanomyces invadans</i> or <i>A. piscicida</i>)	Myxomatosis	West Nile virus (WNV)*
	Nairobi sheep disease	Whirling disease (<i>Myxobolus cerebralis</i>)
	Newcastle disease, Exotic Newcastle Disease (END)*	White spot disease
	Nipah virus encephalitis*	White sturgeon iridoviral disease
		White tail disease (<i>Macrobrachium rosenbergii nodavirus</i>) (MrNV)
		<i>Xenohlotis californiensis</i>
		Yellowhead disease (YHV1)

* indicates zoonotic disease Page 1

Reportable Animal Diseases in Michigan by Major Species

Updated July 2016

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Below are the diseases reportable for each of the major species. If a species is not listed, please refer to page one of the list where all reportable diseases are listed alphabetically.

Aquaculture

Crustacean: Crayfish plague
Crustacean: Infectious hypodermal and hematopoietic necrosis
Crustacean: Infectious myonecrosis
Crustacean: Necrotizing hepatopancreatitis
Crustacean: Spherical baculovirus (*Panaeus monodon*-type Baculovirus)
Crustacean: Taura syndrome
Crustacean: Tetrahedral baculovirus (*B. penaei*)
Crustacean: White spot disease
Crustacean: White tail disease
Crustacean: Yellowhead disease
Fish: Bacterial kidney disease
Fish: Ceratomyxosis
Fish: Epizootic hematopoietic necrosis
Fish: Epizootic ulcerative syndrome
Fish: Gyrodactylosis (*Gyrodactylus salaris*)
Fish: Infected with salmonid alphavirus
Fish: Infectious hematopoietic necrosis
Fish: Infectious pancreatic necrosis
Fish: Infectious salmon anemia
Fish: Koi herpesvirus disease
Fish: Oncorhynchus masou virus disease
Fish: Piscirickettsiosis (*Piscirickettsia salmonis*)
Fish: Proliferative kidney disease
Fish: Red seam bream iridoviral disease
Fish: Spring viremia of carp
Fish: Viral encephalopathy & retinopathy
Fish: Viral hemorrhagic septicemia
Fish: Whirling disease (*Myxobolus cerebralis*)
Fish: White sturgeon iridoviral disease
Mollusk: Abalone viral mortality
Mollusk: Infection with abalone herpesvirus
Mollusk: Infection with *Bonamia exitiosa*
Mollusk: Infection with *Bonamia ostreae*
Mollusk: Infection with *Haplosporidium nelsoni* (MSX) or *Haplosporidium costale* (sea side organism)
Mollusk: *Marteilia chungmeunsi*
Mollusk: *Marteilia refringens*
Mollusk: *Marteilia sydneyi*
Mollusk: *Mikrocytos roughleyi*
Mollusk: *Perkinsus marinus*
Mollusk: *Perkinsus olseni*
Mollusk: *Xenohlotis californiensis*
Mollusk: QPX (Quahog parasite unknown)
Toxic substance contamination

Avian

Avian infectious bronchitis
Avian infectious laryngotracheitis
Avian influenza, highly pathogenic *
Avian influenza, low pathogenic (H5 or H7)*
Chlamydiosis (*Chlamydia psittaci*)*
Duck viral enteritis (Duck Plague)
Duck virus hepatitis
Fowl cholera (*Pasteurella multocida*)
Fowl typhoid (*Salmonella gallinarum*)*
Infectious bursal disease (IBD)
Lymphoproliferative disease virus (LPDV)
Marek's disease
Mycoplasma gallisepticum, *M. meleagridis*, *M. synoviae*
Newcastle disease, Exotic Newcastle Disease (END)*
Pullorum disease (*Salmonella pullorum*)*
Toxic substance contamination
Tuberculosis (all *Mycobacterium* species)*
Turkey coronavirus
Turkey rhinotracheitis
West Nile virus (WNV)*

Bovine

Akabane (congenital arthrogyrosis)
Anaplasmosis (*Anaplasma caudatum*, *A. centrale*, *A. marginale*)*
Anthrax (*Bacillus anthracis*)*
Babesiosis (*Babesia bovis*, *B. bigemina*)*
Bluetongue
Bovine leukemia virus, enzootic bovine leukosis (BLV)
Bovine spongiform encephalopathy (BSE)*
Bovine viral diarrhea (BVD)
Brucellosis (all *Brucella* species)*
Contagious bovine pleuropneumonia (CBPP) (*Mycoplasma mycoides mycoides*)
Crimean Congo hemorrhagic fever*
Echinococcosis/hydatidosis (*Echinococcus* spp.)
Epizootic hemorrhagic disease (EHD)
Foot and mouth disease (FMD)
Genital campylobacteriosis (Vibriosis) (*Campylobacter fetus venerealis*)
Heartwater (*Ehrlichia ruminantium*)
Hemorrhagic septicemia (*Pasteurella multocida*)
Infectious bovine rhinotracheitis/Infectious pustular vulvovaginitis (IBR/IPV)
Johne's Disease, Paratuberculosis (*Mycobacterium avium paratuberculosis*)
Leptospirosis*
Listeriosis (*Listeria monocytogenes*)*
Lumpy skin disease
Malignant catarrhal fever
Melioidosis (*Burkholderia pseudomallei*)*
Pseudorabies (Aujeszky's Disease, PRV)
Q fever (*Coxiella burnetii*)*
Rabies*
Rift Valley fever*

Bovine Cont.

Rinderpest
Surra (*Trypanosoma evansi*)
Screwworm (New and Old World) (*Cochliomyia hominivora*, *Chrysomya bezziana*)*
Theileriasis (*Theileria annulata*, *T. parva*)
Toxic substance contamination
Trichomoniasis (*Trichomonas foetus*)
Trypanosomiasis (*Trypanosoma brucei brucei*, *T. congolense*, *T. vivax*)
Tuberculosis (all *Mycobacterium* species)*
Vesicular stomatitis (VS)*

Canine

Anthrax (*Bacillus anthracis*)*
Brucellosis (all *Brucella* species)*
Canine influenza (all variants)
Dengue fever*
Echinococcus/hydatidosis*
Glanders (*Burkholderia mallei*)*
Hendra*
Leishmaniasis*
Leptospirosis*
Plague (*Yersinia pestis*)*
Pseudorabies (Aujeszky's Disease, PRV)
Q fever (*Coxiella burnetii*)*
Rabies*
Rift valley fever*
Screwworm (New and Old World)*
Surra (*Trypanosoma evansi*)
Toxic substance contamination
Tuberculosis (all *Mycobacterium* species)*
Tularemia (*Francisella tularensis*)*
West Nile virus (WNV)*

Caprine/Ovine

Akabane (congenital arthrogyrosis)
Anthrax (*Bacillus anthracis*)*
Bluetongue
Brucellosis (all *Brucella* species)*
Caprine arthritis/encephalitis (CAE)
Contagious agalactia (*Mycoplasma agalactiae*)
Contagious caprine pleuropneumonia (CCPP) (*Mycoplasma capricolum capripneumoniae*, *Mycoplasma biotype F-38*, *M. mycoides capri*)
Crimean Congo hemorrhagic fever*
Echinococcosis/hydatidosis*
Enzootic abortion of ewes (ovine chlamydiosis, *Chlamydia psittaci*)*
Foot and mouth disease (FMD)
Goat and sheep pox
Heartwater (*Ehrlichia ruminantium*)
Johne's Disease, Paratuberculosis (*Mycobacterium avium paratuberculosis*)
Leptospirosis*
Listeriosis (*Listeria monocytogenes*)*
Mange (*Sarcoptes scabiei* var *ovis*)*

* indicates zoonotic disease Page 2

Caprine/Ovine Cont.

Maedi-visna/Ovine progressive pneumonia
Melioidosis (*Burkholderia pseudomallei*)*
Nairobi sheep disease*
Ovine epididymitis (*Brucella ovis* infection)*
Ovine pulmonary adenomatosis*
Peste des petits ruminants
Pseudorabies (Aujeszky's Disease, PRV)
Q fever (*Coxiella burnetii*)*
Rabies*
Rift Valley fever*
Rinderpest
Salmonellosis (*Salmonella abortus ovis*)*
Scrapie
Screwworm (New and Old World)*
Surra (*Trypanosoma evansi*)
Theileriasis (*Theileria annulata*, *T. parva*)
Toxic substance contamination
Tuberculosis (all *Mycobacterium* species)*
Tularemia (*Francisella tularensis*)*
Vesicular stomatitis (VS)*

Cervid

Akabane (congenital arthrogryposis)
Anthrax (*Bacillus anthracis*)*
Bluetongue
Brucellosis (all *Brucella* species)*
Chronic Wasting Disease (CWD)
Crimean Congo hemorrhagic fever*
Echinococcus/hydatidosis*
Equine encephalomyelitis (Eastern (EEE),
Western (WEE), Venezuelan (VEE))*
Epizootic hemorrhagic disease
Foot and mouth disease (FMD)
Heartwater (*Cowdria ruminantium*)
John's Disease, Paratuberculosis
(*Mycobacterium avium paratuberculosis*)
Malignant catarrhal fever
Melioidosis (*Burkholderia pseudomallei*)
Pseudorabies (Aujeszky's Disease, PRV)
Rabies*
Rift Valley fever*
Rinderpest
Screwworm (New and Old World)*
Surra (*Trypanosoma evansi*)
Toxic substance contamination
Tuberculosis (all *Mycobacterium* species)*
West Nile virus (WNV)*
Vesicular stomatitis (VS)*
Q fever (*Coxiella burnetii*)*

Equine

African horse sickness
Anthrax (*Bacillus anthracis*)*
Brucellosis (all *Brucella* species)*
Contagious equine metritis (*Taylorella equigenitalis*)
Dourine (*Trypanosoma equiperadum*)
Echinococcus/hydatidosis*
Equine encephalomyelitis [Eastern (EEE),
Western (WEE), Venezuelan (VEE)]*
Equine herpesvirus myeloencephalopathy
Equine infectious anemia (EIA)
Equine influenza (virus Type A)
Equine piroplasmiasis (*Babesia caballi*,
Theileria equi)*

Equine Cont.

Equine rhinopneumonitis (EHV 1)
Equine viral arteritis (EVA)
Glanders (*Burkholderia mallei*)*
Hendra*
Japanese encephalitis*
Leptospirosis*
Melioidosis (*Burkholderia pseudomallei*)*
Rabies*
Screwworm (New and Old World)*
Surra (*Trypanosoma evansi*)
Toxic substance contamination
Trichinellosis (*Trichinella spiralis*)*
Tularemia (*Francisella tularensis*)*
Vesicular stomatitis (VS)*
West Nile virus (WNV)*

Feline

Anthrax (*Bacillus anthracis*)*
Echinococcus/hydatidosis*
Glanders (*Burkholderia mallei*)*
Plague (*Yersinia pestis*)*
Pseudorabies (Aujeszky's Disease, PRV)
Q fever (*Coxiella burnetii*)*
Rabies*
Rift Valley fever*
Screwworm (New and Old World)*
Toxic substance contamination
Tuberculosis (all *Mycobacterium* species)*
Tularemia (*Francisella tularensis*)*
West Nile virus (WNV)*

Ferret/Mustelid

Anthrax (*Bacillus anthracis*)*
Botulism (*Clostridium botulinum*)*
Echinococcus/hydatidosis*
Plague (*Yersinia pestis*)*
Pseudorabies (Aujeszky's Disease, PRV)
Q fever (*Coxiella burnetii*)*
Rabies*
Screwworm (New and Old World)*
Toxic substance contamination
Tularemia (*Francisella tularensis*)*
West Nile virus (WNV)*

Lagomorph

Myxomatosis
Plague (*Yersinia pestis*)*
Q fever (*Coxiella burnetii*)*
Rabbit hemorrhagic disease
Toxic substance contamination
Tularemia (*Francisella tularensis*)*

New/Old World Camelid

Anthrax (*Bacillus anthracis*)*
Bluetongue
Brucellosis (all *Brucella* species)*
Paratuberculosis (*Mycobacterium avium paratuberculosis*)
Rabies*
Rift Valley fever*
Screwworm (New and Old World)*
Surra (*Trypanosoma evansi*)
Toxic substance contamination
Tuberculosis (all *Mycobacterium* species)*
West Nile virus (WNV)*

Porcine

African swine fever
Anthrax (*Bacillus anthracis*)*
Brucellosis (all *Brucella* species)*
Classical swine fever (Hog cholera)
Cysticercosis (*Cysticercus cellulosae*
metacestode stage of *Taenia solium*)*
Echinococcosis/hydatidosis*
Enterovirus encephalomyelitis
Foot and mouth disease (FMD)
Influenza (for swine shown @ fairs/
exhibitions with fever $\geq 105^{\circ}\text{F}$, clinical or
asymptomatic)*
Japanese encephalitis*
Leptospirosis*
Melioidosis (*Burkholderia pseudomallei*)*
Nipah virus encephalitis*
Novel Swine Enteric Coronavirus (including
Porcine Epidemic Diarrhea Virus and
Porcine Delta Coronavirus)
Porcine Reproductive and Respiratory
Syndrome (PRRS)
Pseudorabies (Aujeszky's Disease, PRV)
Rabies*
Rinderpest
Screwworm (New and Old World)*
Swine erysipelas
Swine vesicular disease
Toxic substance contamination
Transmissible gastroenteritis (TGE)
Trichinellosis (*Trichinella spiralis*)*
Tuberculosis (all *Mycobacterium* species)*
Tularemia (*Francisella tularensis*)*
Vesicular exanthema
Vesicular stomatitis (VS)*

Rodent

Anthrax (*Bacillus anthracis*) in guinea pigs*
Crimean Congo hemorrhagic fever*
Eastern equine encephalomyelitis (EEE)*
Echinococcus/hydatidosis*
Leptospirosis*
Lymphocytic Choriomeningitis Virus*
Monkey pox virus*
Plague (*Yersinia pestis*)*
Pseudorabies (Aujeszky's Disease, PRV)
Q fever (*Coxiella burnetii*)*
Rift Valley fever*
Tularemia (*Francisella tularensis*)*



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www.michigan.gov/animaldiseases