

Diseases in the United States Reportable to the World Organization for Animal Health (OIE)

TABLE A2.1: Status of the occurrence of OIE-reportable diseases in the United States, 2008

Disease	Status	Date of last occurrence/Notes
Multiple-species diseases		
Anthrax	Present	Sporadic/limited distribution
Aujeszky's disease	Present	Sporadic (in feral or noncommercial animals)/limited distribution/national program/no detections in commercial production swine herds in 2008
Bluetongue	Present	Sporadic/limited distribution
Brucellosis (<i>Brucella abortus</i>)	Present	Sporadic/limited distribution—primarily limited to wildlife in the Greater Yellowstone National Park area/national eradication program
Brucellosis (<i>Brucella melitensis</i>)	Free	1999
Brucellosis (<i>Brucella suis</i>)	Present	Sporadic (in feral or noncommercial animals)/limited distribution/national eradication program/no detections in commercial production swine herds in 2008
Crimean Congo haemorrhagic fever	Free	Never occurred
Echinococcosis/Hydatidosis	Present	Sporadic (uncommon in all species)/one detection in sheep reported in 2008
Foot-and-mouth disease	Free	1929
Heartwater	Free	Never occurred
Japanese encephalitis	Free	Never occurred
Leptospirosis	Present	
New World screwworm	Free	1982
Old World screwworm	Free	Never occurred
Paratuberculosis (Johne's disease)	Present	National control program
Q fever	Present	Sporadic
Rabies	Present	
Rift Valley fever	Free	Never occurred
Rinderpest	Free	Never occurred

Disease	Status	Date of last occurrence/Notes
Trichinellosis	?	Sporadic (in feral, wild animals)/limited distribution/national control program/no detections reported in 2008
Tularemia	Present	Sporadic (primarily in feral animals)/limited distribution
Vesicular stomatitis	Absent during reporting period	2006–bovine/no detections reported in 2008
West Nile fever/encephalitis	Present	
Cattle diseases		
Bovine anaplasmosis	Present	
Bovine babesiosis	Free	Limited distribution (endemic in the territories of Puerto Rico and the U.S. Virgin Islands; last occurrence on the U.S. mainland was in 1943)
Bovine genital campylobacteriosis	Present	Sporadic/limited distribution
Bovine spongiform encephalopathy	Controlled	2006/no detections reported in 2008 risk
Bovine tuberculosis	Present	Sporadic/limited distribution/national eradication program
Bovine viral diarrhea	Present	
Contagious bovine pleuropneumonia	Free	1892
Enzootic bovine leucosis	Present	
Hemorrhagic septicemia	?	Sporadic/limited distribution (bison)/no detections reported in 2008
Infectious bovine rhinotracheitis/infectious pustular vulvovaginitis	Present	
Lumpy skin disease	Free	Never occurred
Malignant catarrhal fever (wildebeest only)	One outbreak	April 2008—one event in multifaceted cattle-producing ranch (OIE immediate followup reports—event resolved December 3, 2008)
Theileriosis	Free	Never occurred
Trichomonosis	Present	
Trypanosomosis	Free	Never occurred
Sheep and goat diseases		
Caprine arthritis/encephalitis	Present	
Contagious agalactia	Present	Sporadic (non-Mediterranean form)/limited distribution
Contagious caprine pleuropneumonia	Free	Never occurred
Enzootic abortion of ewes (ovine chlamydiosis)	Present	Sporadic/limited distribution
Maedi-visna	Present	Sporadic/limited distribution
Nairobi sheep disease	Free	Never occurred
Ovine epididymitis (<i>Brucella ovis</i>)	Present	Sporadic/limited distribution
Peste des petits ruminants	Free	Never occurred
Salmonellosis (<i>S. abortusovis</i>)	?	Sporadic/limited distribution/no detections reported in 2008
Scrapie	Present	National eradication program
Sheep pox and goat pox	Free	Never occurred

continued

Disease	Status	Date of last occurrence/Notes
Equine diseases		
African horse sickness	Free	Never occurred
Contagious equine metritis	One outbreak	One event December 2008 (OIE immediate followup reports—event is continuing)
Dourine	Free	1934
Equine encephalomyelitis (Eastern)	Present	Sporadic/limited distribution
Equine encephalomyelitis (Western)	?	Sporadic/limited distribution/no detections in 2008
Equine infectious anemia	Present	Sporadic/limited distribution/national control program
Equine influenza	Present	Sporadic/limited distribution
Equine piroplasmiasis	One event	One event August 2008 (OIE immediate report followup reports—event resolved February 23, 2009)
Equine rhinopneumonitis	Present	Sporadic/limited distribution
Equine viral arteritis	Present	Sporadic/limited distribution
Glanders	Free	1942
Surra (<i>Trypanosoma evansi</i>)	Free	Never occurred
Venezuelan equine encephalomyelitis	Free	1971
Swine diseases		
African swine fever (hog cholera)	Free	Never occurred
Classical swine fever	Free	1976
Nipah virus encephalitis	Free	Never occurred
Porcine cysticercosis	Absent during reporting period	2004
Porcine reproductive and respiratory syndrome	Present	
Swine vesicular disease	Free	Never occurred
Transmissible gastroenteritis	Present	
Avian diseases		
Avian chlamydiosis	Present	Sporadic (in wild, pet, and backyard birds)/limited distribution/no detections in commercial production flock detections in 2008
Avian infectious bronchitis	Present	
Avian infectious laryngotracheitis	Present	Sporadic (primarily vaccine-related)/limited distribution
Avian mycoplasmosis (<i>M. gallisepticum</i>)	Present	Sporadic/limited distribution/All commercial poultry breeding flocks are under a surveillance program to confirm infection-free status. Commercial table-egg layers may be vaccinated.
Avian mycoplasmosis (<i>M. synoviae</i>)	Present	Sporadic/limited distribution/All commercial poultry breeding flocks are under a surveillance program to confirm infection-free status. Commercial table-egg layers may be vaccinated.
Duck viral hepatitis	Free	1998
Fowl cholera (<i>Pasteurella multocida</i>)	Present	
Fowl typhoid (<i>Salmonella gallinarum</i>)	Free	1981

Disease	Status	Date of last occurrence/Notes
Highly pathogenic avian influenza	Free	2004
Infectious bursal disease (Gumboro disease)	Present	Sporadic/limited distribution
Low pathogenic avian	Identification influenza (poultry)	Nonclinical event June 2008, H7N3, identified on routine preslaughter surveillance as part of the National Poultry Improvement Plan (NPIP) Avian Influenza Clean Program (OIE immediate followup reports—event resolved July 15, 2008) Nonclinical event September 2008, H5N8, identified in game birds that were bred and used for hunting (OIE immediate followup reports—event resolved November 4, 2008)
Marek's disease	Present	
Newcastle disease (neurotropic and viscerotropic strains)	Free	2003
Pullorum disease (<i>Salmonella pullorum</i>)	Present	One detection reported in backyard poultry in 2008/ sporadic/limited distribution (backyard poultry)/no detections in commercial production flock detections in 2008
Turkey rhinotracheitis	Present	Sporadic/limited distribution
Lagomorph diseases		
Myxomatosis	?	No detections reported in 2008
Rabbit hemorrhagic disease	Present	February 2008—one event in a noncommercial, pet-related incident (OIE immediate report)
Bee diseases		
Acarapisosis of honey bees	Present	Sporadic/limited distribution
American foulbrood of honey bees	Present	
European foulbrood of honey bees	Present	
Small hive beetle infestation (<i>Aethina tumida</i>)	Present	Sporadic/limited distribution
<i>Tropilaelaps</i> infestation of honey bees	Free	Never occurred
Varroosis of honey bees	Present	
Other listed disease		
Camelpox	Free	Never occurred
Leishmaniasis	?	No detections reported in 2008
Status of aquatic animal diseases in the United States		
Fish		
Epizootic hematopoietic necrosis	Free	Never occurred
Epizootic ulcerative syndrome	Free	2004 (in wild species)
Gyrodactylosis (<i>Gyrodactylus salaricus</i>)	Free	Never occurred
Infectious hematopoietic necrosis	Present	Sporadic/limited distribution
Infectious salmon anemia	Free	2006
Koi herpesvirus disease	Present	
Red Sea bream iridoviral disease	Free	Never occurred

continued

Disease	Status	Date of last occurrence/Notes
Spring viremia of carp	Identification of the presence of infection/infestation	Confirmed infestation (in wild species)/no clinical disease
Viral hemorrhagic septicemia	Present	Sporadic (in wild species)/limited distribution
Molluscs		
Abalone viral mortality	Free	Never occurred
Infection with <i>Bonamia exitiosus</i>	Free	Never occurred
Infection with <i>Bonamia ostreae</i>	Free	2006
Infection with <i>Marteilia refringens</i>	Free	Never occurred
Infection with <i>Microcytos roughleyi</i>	Free	Never occurred
Infection with <i>Perkinsus marinus</i>	Present	Sporadic (in wild species)/limited distribution
Infection with <i>Perkinsus olseni</i>	Free	Never occurred (imported detection in 2008)
Infection with <i>Xenohaliotis californiensis</i>	Free	2006
Crustaceans		
Crayfish plague (<i>Aphanomyces astaci</i>)	Free	
Infectious hypodermal and haemotopoietic necrosis	Free	
Infectious myonecrosis	Free	Never occurred
Spherical baculovirosis (<i>Penaeus monodon</i> -type baculovirus)	Free	Never occurred
Taura syndrome	Absent during reporting period	
Tetrahedral baculovirosis (<i>Baculovirus penaei</i>)	Free	2006
White spot disease	Present	June 2008—one event detected in Whiteleg shrimp (<i>Litopenaeus vannamei</i>), shrimp farm located on Kauai Island, Hawaii, (OIE immediate report)/Sporadic/limited distribution
White tail disease	Free	Never occurred
Yellowhead disease	Absent during reporting period	No detections reported in 2008

Sporadic = occurring only occasionally. Limited distribution = limited geographic distribution.

? = presence of the disease suspected but not confirmed.

Free = negative occurrence of the disease.