



UNITED STATES OF AMERICA’S STATUS OF OIE REPORTABLE DISEASES: 2017

The following tables show the United States' status for animal diseases that are reported to the World Organization for Animal Health (OIE) if they are confirmed to be present in specific livestock, poultry, and aquaculture species. This information is reported to OIE every six months and is also presented on the international [OIE website](#).

Terrestrial Animal Diseases

Diseases Associated with Multiple Species

Disease	Status	Date of Last Occurrence / Notes
Anthrax	Present	Sporadic / limited distribution
Aujeszky’s disease (pseudorabies)	Present	Sporadic / limited distribution in feral and/or non-commercial production swine. Non-commercial swine: swine managed under biosecurity conditions that allow for potential exposure to feral swine that may be infected with swine diseases, such as pseudorabies. National eradication program. No commercial production swine herd detections in 2017
Bluetongue	Present	Sporadic
Brucellosis (<i>Brucella abortus</i>)	Present	Sporadic / limited distribution. Primarily limited to free-ranging bison (<i>Bison bison</i>) and wapiti (<i>Cervus canadensis</i>) in the Greater Yellowstone National Park area/national eradication program
Brucellosis (<i>Brucella melitensis</i>)	Free	1999
Brucellosis (<i>Brucella suis</i>)	Present	Sporadic / limited distribution in feral and/or non-commercial production swine. Non-commercial swine: swine managed under biosecurity conditions that allow for potential exposure to feral swine that may be infected with swine diseases, such as brucellosis. <i>B. suis</i> , biovar 4 is endemic in wild caribou (<i>Rangifer tarandus</i>) herds in Alaska, and biovar 1 is endemic in feral swine in several States. National eradication program. No commercial production swine herd detections in 2017.
Crimean Congo haemorrhagic fever	Free	Never occurred
Echinococcosis/hydatidosis (<i>Echinococcus granulosus</i> , <i>E. multilocularis</i>)	Present?	Suspected. Last detected in 2008.
Epizootic hemorrhagic disease (EHD)	Present	Sporadic
Equine encephalomyelitis (Eastern)	Present	Sporadic / limited distribution
Foot-and-mouth disease	Free	1929
Heartwater	Free	Never occurred
Japanese encephalitis	Free	Never occurred



New world screwworm	Present	One event in 2017 limited to the Florida Keys – infestation in Key deer. There was no NWS myiasis in any production livestock. Eradicated in early 2017 using sterile flies.
Old world screwworm	Free	Never occurred
Paratuberculosis (Johne’s disease)	Present	Voluntary control program
Q fever	Present	Sporadic
Rabies	Present	
Rift Valley fever	Free	Never occurred
Rinderpest	Free	Never occurred
Surra (<i>Trypanosoma evansi</i>)	Free	Never occurred
Trichinellosis	Present?	Sporadic occurrence in backyard raised swine and wild species. No commercial production swine herd detections in 2017.
Tularemia	Present (wild)	Sporadic in wild populations. Last domestic detection was in 2009.
West Nile fever/encephalitis	Present	

Avian Diseases

Disease	Status	Date of Last Occurrence / Notes
Avian chlamydiosis	Present	Sporadic occurrence in wild birds, pet birds, and backyard birds only. No commercial production flock detections in 2017.
Avian infectious bronchitis	Present	
Avian infectious laryngotracheitis	Present	
Avian mycoplasmosis (<i>M. gallisepticum</i>)	Present	Sporadic occurrence. All commercial poultry breeding flocks are under a surveillance program to confirm infection-free status. Commercial table-egg laying hens may be vaccinated. The “finch strain” of MG occurs in wild passerine birds, primarily house finches (<i>Carpodacus mexicanus</i>), in which it causes conjunctivitis. This strain has been shown experimentally to be nonpathogenic in chickens.
Avian mycoplasmosis (<i>M. synoviae</i>)	Present	Sporadic occurrence. All commercial poultry breeding flocks are under a surveillance program to confirm infection-free status.
Duck viral hepatitis	Free	1998
Fowl typhoid (<i>Salmonella gallinarum</i>)	Free	1981
Highly pathogenic avian influenza	Present	Two events reported to the OIE in 2017. 1) H7N9 in commercial chicken broiler-breeder flock, closed 8/2017. 2) Identification of H5N2 in a wild mallard duck, closed 3/2017.
Low pathogenic avian influenza (poultry) Notifiable H5 and H7	Present	Identified sporadically in backyard poultry and in live-bird-markets that serve local ethnic communities. Two LPAI events reported to the OIE in 2017. 1) H7N9 in chicken flocks, resolved 6/2017. 2) H5N2 in a commercial turkey flock, resolved 6/2017.
Infectious bursal disease (Gumboro disease)	Present	Sporadic



Newcastle disease (Neurotropic and viscerotropic strains)	Present (wild)	Sporadic detections in wild birds. Domestic poultry are considered free – last detection was in 2003.
Pullorum disease (<i>Salmonella pullorum</i>)	Present	Sporadic detections in backyard flocks. No commercial production flock detections since 1991, considered absent in them.
Turkey rhinotracheitis	Present?	Disease suspected but not confirmed in limited zones/regions of the country.

Bee Diseases

Disease	Status	Date of Last Occurrence / Notes
Acarapisosis of honey bees (<i>Acarapis woodi</i>)	Present	Sporadic / limited distribution
American foulbrood of honey bees (<i>Paenibacillus larvae</i>)	Present	
European foulbrood of honey bees (<i>Melissococcus plutonius</i>)	Present	
Small hive beetle infestation (<i>Aethina tumida</i>)	Present	
Tropilaelaps infestation of honey bees (<i>Tropilaelaps</i> spp.)	Free	Never occurred
Varroosis of honey bees (<i>Varroa</i> spp.)	Present	

Cattle Diseases

Disease	Status	Date of Last Occurrence / Notes
Bovine anaplasmosis	Present	
Bovine babesiosis	Free	Last occurrence on the U.S. mainland was in 1943. Endemic in territories of Puerto Rico and the U.S. Virgin Islands
Bovine genital campylobacteriosis	Present	Sporadic
Bovine spongiform encephalopathy	OIE-Negligible Risk status	One detection of atypical BSE reported to the OIE in 2017. Atypical BSE is an uncommon form of the agent not generally associated with an animal consuming infected feed.
Bovine tuberculosis	Present	Sporadic / limited distribution. National eradication program.
Bovine viral diarrhea	Present	
Contagious bovine pleuropneumonia (<i>Mycoplasma mycoides</i> subsp. <i>mycoides</i> SC)	Free	1892
Enzootic bovine leukosis	Present	
Haemorrhagic septicaemia (<i>Pasteurella multocida</i> , serotypes B/Asian or E/African)	Absent	1969
Infectious bovine rhinotracheitis/ infectious pustular vulvovaginitis	Present	
Lumpy skin disease	Free	Never occurred
Theileriosis	Free	Never occurred
Trichomonosis	Present	
Trypanosomosis (tsetse-transmitted)	Free	Never occurred



Equine Diseases

Disease	Status	Date of Last Occurrence / Notes
African horse sickness	Free	Never occurred
Contagious equine metritis	Free	2014
Dourine	Free	1934
Equine encephalomyelitis (Western)	Present?	No equine detections reported the last 20 years
Equine infectious anemia	Present	Sporadic / limited distribution. National control program
Equine influenza	Present	Sporadic
Equine piroplasmiasis	Present	Sporadic / limited distribution. Iatrogenic transmission cases only. No cases of natural tick-borne transmission identified since 2009 (single outbreak – eradicated).
Equine herpesvirus-1 (EHV-1)	Present	
Equine viral arteritis	Present	Sporadic
Glanders	Free	1942
Venezuelan equine encephalomyelitis	Free	1971

Lagomorph Diseases

Disease	Status	Date of Last Occurrence / Notes
Myxomatosis	Present	Sporadic / limited distribution in wild rabbits
Rabbit hemorrhagic disease	Free	2010

Sheep and Goat Diseases

Disease	Status	Date of Last Occurrence / Notes
Caprine arthritis/encephalitis	Present	
Contagious agalactia	Present	Sporadic / limited distribution
Contagious caprine pleuropneumonia	Free	Never occurred
Enzootic abortion of ewes (ovine chlamydiosis, <i>Chlamydophila abortus</i>)	Present	Sporadic
Maedi-visna	Present	Sporadic
Nairobi sheep diseases	Free	Never occurred
Ovine epididymitis (<i>Brucella ovis</i>)	Present	
Peste des petits ruminants	Free	Never occurred
Salmonellosis (<i>S. abortus ovis</i>)	Present	Sporadic / limited distribution
Scrapie	Present	Sporadic occurrence. National eradication program.
Sheep pox and goat pox	Free	Never occurred

Swine Diseases

Disease	Status	Date of Last Occurrence / Notes
African swine fever	Free	Never occurred



Classical swine fever (hog cholera)	Free	1976
Nipah virus encephalitis	Free	Never occurred
Porcine cysticercosis	Free	2004
Porcine reproductive and respiratory syndrome	Present	
Transmissible gastroenteritis	Present	

Other Listed Diseases

Disease	Status	Date of Last Occurrence / Notes
Leishmaniosis	Present	Sporadic occurrence in canines
Camelpox	Free	Never occurred

Aquatic Animal Diseases

Amphibian Diseases

Disease	Status	Date of Last Occurrence / Notes
Infection with <i>Batrachochytrium dendrobatidis</i>	Present	
Infection with ranavirus	Present (wild)	

Aquaculture Diseases – Crustaceans

Disease	Status	Date of Last Occurrence / Notes
Acute hepatopancreatic necrosis disease	Present	One event reported to the OIE in 2017, resolved 12/2017
Crayfish plague (<i>Aphanomyces astaci</i>)	Absent	
Infectious hypodermal and haematopoietic necrosis	Absent	
Infectious myonecrosis	Free	Never occurred
Necrotising hepatopancreatitis	Free	
Taura syndrome	Free	2007 – Domestic
White spot disease	Present? (wild)	Suspected but not confirmed in wild populations in limited geographical regions/zones. Domestic populations considered free, last detection was in 2012.
White tail disease	Free	Never occurred
Yellowhead disease	Free	Never occurred

Aquaculture Diseases - Fish

Disease	Status	Date of Last Occurrence / Notes
Epizootic hematopoietic necrosis (EHN)	Free	Never occurred
Infection with <i>Aphanomyces invadans</i> (Epizootic ulcerative syndrome, EUS)	Present (wild)	Sporadic occurrence / limited distribution in wild populations. Absent in domestic populations, last detection was in 2004.
Gyrodactylosis (<i>Gyrodactylus salaries</i>)	Free	Never occurred



Infectious hematopoietic necrosis (IHN)	Present (wild)	Sporadic occurrence / limited distribution in wild populations. Free in domestic populations, last detection was 2015.
Infectious salmon anemia, ISA (HPR-deleted or HPR0)	Absent HPR-deleted	ISAV HPR0 detected through routine surveillance in healthy fish, no detections of ISAV HPR-deleted.
Koi herpesvirus disease (KHV)	Present	
Red sea bream iridoviral disease	Free	Never occurred
Salmonid alphavirus (SAV)	Free	Never occurred
Spring viremia of carp (SVC)	Present? (Wild)	Suspected but not confirmed in wild populations in limited geographical regions/zones. Absent in domestic populations, last detection was in 2004.
Viral hemorrhagic septicaemia (VHS)	Present (Wild)	Sporadic / limited distribution in wild populations. Never occurred in domestic populations.

Aquaculture Diseases – Molluscs

Disease	Status	Date of Last Occurrence / Notes
Infection with abalone herpes virus	Free	Never occurred
Infection with <i>Bonamia exitiosa</i>	Present? (wild)	Suspected but not confirmed in wild populations in limited geographical regions/zones. Free in domestic populations, last detection was in 2015.
Infection with <i>Bonamia ostreae</i>	Present? (wild)	Suspected but not confirmed in wild populations in limited geographical regions/zones. Free in domestic populations, last detection was in 2006.
Infection with <i>Marteilia refringens</i>	Free	Never occurred
Infection with <i>Perkinsus marinus</i>	Present	Sporadic / limited distribution
Infection with <i>Perkinsus olseni</i>	Free	Never occurred
Infection with <i>Xenohaliotis californiensis</i>	Present	Sporadic/ limited distribution

Status of Animal Diseases in the United States of America

Present = occurrence of the disease reported

Free = no occurrence in the U.S. of the OIE-listed disease

Present? = occurrence suspected but not confirmed

Absent = disease absent during the reporting period/no detections reported

Sporadic = occurring only occasionally

Limited distribution = limited geographic distribution