



## Voluntary 2019 U.S. National List of Reportable Animal Diseases (NLRAD) - National Animal Health Reporting System (NAHRS) Reportable Diseases, Infections, and Infestations List

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### Changes from previous year:

Removed: Swine Enteric Coronavirus Disease (SECD) and vesicular exanthema

#### AVIAN

A150h	Highly pathogenic avian influenza (reporting of occurrence in all birds)*
A150i	Low pathogenic avian influenza (H5 or H7 subtypes)(Poultry only)*
A160	Newcastle disease (Exotic)(Domestic birds)*
N315	Turkey rhinotracheitis (avian metapneumovirus) (Domestic birds)*
B301	Avian infectious bronchitis*
B302	Avian infectious laryngotracheitis*
B304	Duck viral hepatitis (Domestic birds)*
B308	Fowl typhoid ( <i>Salmonella gallinarum</i> )*
B309	Infectious bursal disease (Gumboro disease)*
B311	Avian Mycoplasmosis ( <i>Mycoplasma gallisepticum</i> )*
B312	Avian chlamydiosis (psittacosis and ornithosis, <i>Chlamydia psittaci</i> )*
B313	Pullorum disease ( <i>Salmonella pullorum</i> )*
N316	Avian Mycoplasmosis ( <i>Mycoplasma synoviae</i> )*

#### BOVINE

A010	Foot-and-mouth disease (FMD)*
A020	Vesicular stomatitis (VS)
A040	Rinderpest*
A060	Contagious bovine pleuropneumonia ( <i>Mycoplasma mycoides mycoides</i> )*
A070	Lumpy skin disease*
A080	Rift Valley fever*
A090	Bluetongue*
N001	Crimean Congo hemorrhagic disease*
2001	Akabane (congenital arthrogryposis-hydranencephalaly syndrome)
B051	Anthrax ( <i>Bacillus anthracis</i> )*
B052	Aujesky's disease (Pseudorabies)*
B053	Echinococcosis / hydatidosis ( <i>Echinococcus granulosus</i> , <i>E. multilocularis</i> )*
B055	Heartwater ( <i>Cowdria ruminantium</i> )*
B057	Q Fever ( <i>Coxiella burnetii</i> )*
B058	Rabies*
B059	Paratuberculosis (Johne's disease - ( <i>Mycobacterium avium paratuberculosis</i> )*
B060	New World screwworm ( <i>Cochliomyia hominivorax</i> )*

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B061	Old World screwworm ( <i>Chrysomya bezziana</i> )*
B101	Anaplasmosis ( <i>Anaplasma marginale</i> , <i>A. centrale</i> )*
B102	Babesiosis ( <i>Babesia bovis</i> , <i>B. bigemina</i> )*
B103	Bovine brucellosis ( <i>B. abortus</i> )*
B152	Caprine and ovine brucellosis ( <i>B. melitensis</i> )*
B253	Porcine brucellosis ( <i>B. suis</i> )*
B104	Bovine genital campylobacteriosis ( <i>Campylobacter fetus venerealis</i> )*
B105	Bovine tuberculosis ( <i>Mycobacterium bovis</i> )*
N117	Bovine viral diarrhea (BVD)*
B108	Enzootic bovine leukosis (BLV)*
B109	Hemorrhagic septicemia ( <i>Pasteurella multocida</i> , serotypes B/Asian or E/African)*
B110	Infectious bovine rhinotracheitis/infectious pustular vulvovaginitis (IBR/IPV)*
B111	Theileriosis ( <i>Theileria annulata</i> , <i>T. parva</i> )*
B112	Trichomoniasis ( <i>Trichomonas [Trichomonas] foetus</i> )*
B113	Trypanosomiasis (tsetse-transmitted)( <i>Trypanosoma congolense</i> , <i>T. vivax</i> , <i>T. brucei brucei</i> , <i>T. evansi</i> ))*
B114	Malignant catarrhal fever (specify wildebeest or sheep form)
B115	Bovine spongiform encephalopathy (BSE)*
N158	Epizootic hemorrhagic disease (EHD)*
C613	Melioidosis ( <i>Burkholderia pseudomallei</i> )

#### CAPRINE AND OVINE

A010	Foot-and-mouth disease (FMD)*
A020	Vesicular stomatitis (VS)
A040	Rinderpest*
A050	Peste des petits ruminants*
A080	Rift Valley fever*
A090	Bluetongue*
A100	Sheep pox and goat pox*
N001	Crimean Congo hemorrhagic disease*
2001	Akabane (congenital arthrogryposis-hydranencephalaly syndrome)
B051	Anthrax ( <i>Bacillus anthracis</i> )*
B052	Aujesky's disease (Pseudorabies)*
B053	Echinococcosis / hydatidosis ( <i>Echinococcus granulosus</i> , <i>E. multilocularis</i> )*
B055	Heartwater ( <i>Cowdria ruminantium</i> )*
B057	Q Fever ( <i>Coxiella burnetii</i> )*
B058	Rabies*
B059	Paratuberculosis (Johne's disease - <i>Mycobacterium avium paratuberculosis</i> )*
B060	New World screwworm ( <i>Cochliomyia hominivorax</i> )*
B061	Old World screwworm ( <i>Chrysomya bezziana</i> )*
B103	Bovine brucellosis ( <i>B. abortus</i> )*

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B105	Bovine tuberculosis ( <i>Mycobacterium bovis</i> )*
B111	Theileriasis ( <i>Theileria annulata</i> , <i>T. parva</i> )*
B152	Caprine and ovine brucellosis ( <i>B. melitensis</i> )*
B151	Ovine epididymitis ( <i>Brucella ovis</i> infection)*
B153	Caprine arthritis / encephalitis (CAE)*
B154	Contagious agalactia ( <i>Mycoplasma agalactiae</i> , <i>M. Capricolum capricolum</i> , <i>M. putrefaciens</i> , <i>M. mycoides mycoides</i> , <i>M. mycoides mycoides</i> LC)*
B155	Contagious caprine pleuropneumonia ( <i>Mycoplasma capricolum capripneumoniae</i> )*
B156	Enzootic abortion of ewes (ovine chlamydiosis, <i>Chlamydophila abortus</i> )*
B158	Nairobi sheep disease*
B159	Salmonellosis ( <i>Salmonella abortusovis</i> )*
B160	Scrapie*
B161	Maedi-visna/ovine progressive pneumonia*
B352	Tularemia ( <i>Francisella tularensis</i> )*
N002	West Nile fever*
C613	Melioidosis ( <i>Burkholderia pseudomallei</i> )
C706	Mange (sheep scab, <i>Psoroptes ovis</i> )

#### FARMED CERVIDS

A010	Foot-and-mouth disease (FMD)*
A020	Vesicular stomatitis (VS)
A040	Rinderpest*
A080	Rift Valley fever*
N001	Crimean Congo hemorrhagic fever*
2001	Akabane (congenital arthrogryposis-hydranencephalaly syndrome)
A090	Bluetongue*
B051	Anthrax ( <i>Bacillus anthracis</i> )*
B052	Aujesky's disease (Pseudorabies)*
B053	Echinococcosis / hydatidosis ( <i>Echinococcus granulosus</i> , <i>E. multilocularis</i> )*
B055	Heartwater ( <i>Cowdria ruminantium</i> )*
B057	Q Fever ( <i>Coxiella burnetii</i> )*
B058	Rabies*
B059	Paratuberculosis (Johne's disease - <i>Mycobacterium avium</i> paratuberculosis)*
B060	New World screwworm ( <i>Cochliomyia hominivorax</i> )*
B061	Old World screwworm ( <i>Chrysomya bezziana</i> )*
B103	Bovine brucellosis ( <i>B. abortus</i> )*
B152	Caprine and ovine brucellosis ( <i>B. melitensis</i> )*
B253	Porcine brucellosis ( <i>B. suis</i> )*
B105	Bovine tuberculosis ( <i>Mycobacterium bovis</i> )*
B114	Malignant catarrhal fever
N156	Chronic wasting disease (CWD)

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N158 Epizootic hemorrhagic disease (EHD)\*  
C613 Melioidosis (*Burkholderia pseudomallei*)

#### EQUINE

A020 Vesicular stomatitis (VS)  
A110 African horse sickness (AHS)\*  
B051 Anthrax (*Bacillus anthracis*)\*  
B053 Echinococcosis / hydatidosis (*Echinococcus granulosus*, *E. multilocularis*)\*  
B058 Rabies\*  
B060 New World screwworm (*Cochliomyia hominivorax*)\*  
B061 Old World screwworm (*Chrysomya bezziana*)\*  
B062 Trichinellosis (*Trichinella spp.*)\*  
B201 Contagious equine metritis (*Taylorella equigenitalis*)\*  
B202 Dourine (*Trypanosoma equiperdum*)\*  
N220 Equine encephalomyelitis (Eastern)\*  
N221 Equine encephalomyelitis (Western)\*  
B205 Equine infectious anemia (EIA)\*  
B206 Equine influenza (EI)\*  
B207 Equine piroplasmiasis (babesiosis, *Theileria (Babesia) equi*, *B. caballi*)\*  
B208 Equine rhinopneumonitis (EHV- 1)\*  
B208a Equine herpesvirus myeloencephalopathy (EHV1 - EHM)  
B209 Glanders (*Burkholderia mallei*)\*  
B211 Equine viral arteritis (EVA)\*  
B212 Japanese encephalitis (JE)\*  
B215 Surra (*Trypanosoma evansi*)\*  
B216 Venezuelan equine encephalomyelitis (VEE)\*  
B352 Tularemia (*Francisella tularensis*)\*  
N002 West Nile fever\*  
W075 Hendra  
C613 Melioidosis (*Burkholderia pseudomallei*)  
C752 Pigeon fever (*Corynebacterium pseudotuberculosis*, *ulcerative lymphangitis*)  
C753 Strangles (*Streptococcus equi equi*)

#### LAGOMORPH (Rabbits & Hares)

B351 Myxomatosis\*  
B352 Tularemia (*Francisella tularensis*)\*  
B353 Rabbit hemorrhagic disease\*

#### PORCINE

A010 Foot-and-mouth disease (FMD)\*  
A020 Vesicular stomatitis (VS)  
A030 Swine vesicular disease  
A040 Rinderpest\*

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A120	African swine fever*
A130	Classical swine fever (hog cholera)*
N258	Nipah virus encephalitis*
B051	Anthrax ( <i>Bacillus anthracis</i> )*
B052	Aujesky's disease (Pseudorabies)*
B053	Echinococcosis / hydatidosis ( <i>Echinococcus granulosus</i> , <i>E. multilocularis</i> )*
B058	Rabies*
B060	New World screwworm ( <i>Cochliomyia hominivorax</i> )*
B061	Old World screwworm ( <i>Chrysomya bezziana</i> )*
B062	Trichinellosis ( <i>Trichinella spp.</i> )*
B212	Japanese encephalitis*
B252	Infection with <i>Taenia solium</i> (Porcine Cysticercosis)*
B253	Porcine brucellosis ( <i>B. suis</i> )*
B254	Transmissible gastroenteritis (TGE)*
B257	Porcine reproductive and respiratory syndrome (PRRS)*
B352	Tularemia ( <i>Francisella tularensis</i> )*
C613	Melioidosis ( <i>Burkholderia pseudomallei</i> )

#### OTHER DISEASES

B501	Leishmaniosis*
N502	Camelpox*

#### AQUATIC

B401	Fish: Viral hemorrhagic septicemia (VHS)*
N416	Fish: Infectious salmon anemia (ISA)(HPR-deleted)*
N416a	Fish: Infectious salmon anemia (ISA)(HPRO)*
B404	Fish: Spring viremia of carp (SVC)*
B405	Fish: Infectious hematopoietic necrosis (IHN)*
B413	Fish: Epizootic hematopoietic necrosis disease*
N417	Fish: Epizootic ulcerative syndrome (EUS) (Infection with <i>Aphanomyces invadans</i> )*
N418	Fish: Gyrodactylosis ( <i>Gyrodactylus salaris</i> )*
N419	Fish: Red sea bream iridoviral disease*
N420	Fish: Koi herpesvirus disease*
2011	Fish: Infection with salmonid alphavirus*
N430	Mollusc: Infection with <i>Bonamia ostreae</i> *
N431	Mollusc: Infection with <i>Bonamia exitiosa</i> *
N432	Mollusc: Infection with <i>Marteilia refringens</i> *
N433	Mollusc: Infection with <i>Perkinsus marinus</i> *
N434	Mollusc: Infection with <i>Perkinsus olseni</i> *
N435	Mollusc: Infection with <i>Xenohalictis californiensis</i> *
N436	Mollusc: Infection with abalone herpes virus*
N450	Crustacean: Taura syndrome*

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- N451 Crustacean: White spot disease (white spot syndrome virus)\*
- N446 Crustacean: Necrotising hepatopancreatitis (*Candidatus Hepatobacter penaei*)(NHP, early mortality syndrome)\*
- N452 Crustacean: Yellowhead (Infection with Yellowhead virus genotype 1)\*
- N455 Crustacean: Infectious hypodermal and haematopoietic necrosis\*
- N456 Crustacean: Crayfish plague (*Aphanomyces astaci*)\*
- N457 Crustacean: Infectious myonecrosis\*
- N458 Crustacean: White tail disease (*Macrobrachium rosenbergii* nodavirus)\*
- N459 Crustacean: Acute hepatopancreatic necrosis disease (*V.parahemolyticus* pVA-1 plasmid)\*

#### AMPHIBIAN DISEASES

- N601 Infection with *Batrachochytrium dendrobatidis*\*
- N602 Infection with ranavirus (*Ranavirus* species)\*
- N603 Infection with *Batrachochytrium salamendrivorans*\*

#### BEE (APIARY) (optional reporting requirement as other agencies responsible)

- B451 Acarapisosis of honey bees (Infestation with *Acarapis woodi*)\*
- B452 American foulbrood of honey bees (Infection with *Paenibacillus larvae*)\*
- B453 European foulbrood of honey bees (Infection with *Melissococcus plutonius*)\*
- B455 Varroosis of honey bees (Infestation with *Varroa spp.*)\*
- 2008 Tropilaelaps infestation of honey bees (Infestation with *Tropilaelaps spp.*)\*
- 2009 Small hive beetle infestation (Infestation with *Aethina tumida*)\*

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