

Species Affected By West Nile Virus

Disclaimer: Many of those listed are species provided by the Centers for Disease Control and Prevention based on reports from state health departments or are results released by other state and federal agencies. The USGS National Wildlife Health Center has not verified the identification of the species provided by these agencies. For a list of dead birds that have tested positive for WNV, please visit the CDC website: <http://www.cdc.gov/ncidod/dvbid/westnile/birdspecies.htm>

Note: Species included in this list are wild animals unless followed by a “c,” which denotes either a captive or farmed animal(s). Virus or viral RNA was detected in animal tissue unless followed by an “a,” which denotes detectable antibodies only have been reported. An animal reported as positive may not necessarily indicate illness or death was due to WNV infection, and a positive antibody test result may not indicate clinical illness was reported in the species tested.

Last updated May 24, 2004

BIRDS

Order	Family	Common Name	Scientific Name
Anseriformes	Anatidae	Wood Duck	<i>Aix sponsa</i>
		Cinnamon Teal ^c	<i>Anas cyanoptera</i>
		Mottled Duck	<i>Anas fulvigula</i>
		Eurasian Wigeon ^c	<i>Anas penelope</i>
		Mallard	<i>Anas platyrhynchos Linnaeus</i>
		Puna Teal ^c	<i>Anas puna</i>
		Bronze-winged Duck (Spectacled Duck) ^c	<i>Anas specularis</i>
		Yellow-billed Duck (African Yellow-billed) ^c	<i>Anas undulata</i>
		Domestic Goose (Greylag Goose) ^{ac}	<i>Anser anser</i>
		Chinese Goose ^c	<i>Anser cygnoides</i>
		Lesser Scaup ^c	<i>Aythya affinis</i>
		Greater Scaup ^c	<i>Aythya marila</i>
		Canvasback	<i>Aythya valisineria</i>
		Canada Goose	<i>Branta canadensis</i>
		Barnacle Goose ^{ac}	<i>Branta leucopsis</i>
		Red-breasted Goose ^c	<i>Branta ruficollis</i>
		Nene Goose (Hawaiian Goose) ^c	<i>Branta sandvicensis</i>
		Bufflehead ^c	<i>Bucephala albeola</i>
		Common Goldeneye ^c	<i>Bucephala clangula</i>
		Muscovy Duck	<i>Cairina moschata</i>
		Snow Goose ^c	<i>Chen caerulescens</i>
		Emperor Goose ^c	<i>Chen canagica</i>
		Ross's Goose ^{c?}	<i>Chen rossii</i>
		Greater Magellan Goose (Andean Goose) ^{ac}	<i>Chloephagapicta leucoptera</i>
		Abyssinian Blue-winged Goose ^{ac}	<i>Cyanochen cyanopterus</i>
		Trumpeter Swan ^{ac}	<i>Cygnus buccinator</i>
		Tundra Swan ^c	<i>Cygnus columbianus</i>
		Mute Swan	<i>Cygnus olor</i>
		Hooded Merganser ^c	<i>Lophodytes cucullatus</i>
		Smew ^c	<i>Mergellus albellus</i>
		Common Merganser ^c	<i>Mergus merganser</i>
		Rosy-billed Duck (Pochard) ^{ac}	<i>Netta peposaca</i>
Ruddy Duck	<i>Oxyura jamaicensis</i>		
Apodiformes	Apodidae	Chimney Swift	<i>Chaetura pelagica</i>
	Trochilidae	Ruby-throated Hummingbird	<i>Archilochus colubris</i>
Caprimulgiformes	Caprimulgidae	Common Nighthawk	<i>Chordeiles minor</i>
Casuariiformes	Dromaiidae	Emu ^c	<i>Dromaius novaehollandiae</i>
Charadriiformes	Charadriidae	Ruddy Turnstone	<i>Arenaria interpres</i>
		Killdeer	<i>Charadrius vociferus</i>
		Piping Plover	<i>Charadrius melodus</i>

	Laridae	Herring Gull Laughing Gull Ring-billed Gull Great Black-backed Gull Black Skimmer Inca Tern ^c Grey Gull ^{ac} Silver Gull ^c	<i>Larus argentatus</i> <i>Larus atricilla</i> <i>Larus delawarensis</i> <i>Larus marinus</i> <i>Rhynchops niger</i> <i>Larosterna inca</i> <i>Larus modestus</i> <i>Larus novaehollandiae</i>
Ciconiiformes	Ardeidae	Great Egret Great Blue Heron Green Heron Least Bittern Yellow-crowned Night-heron Black-crowned Night-heron	<i>Ardea alba</i> <i>Ardea herodias</i> <i>Butorides virescens</i> <i>Ixobrychus exilis</i> <i>Nyctanassa violacea</i> <i>Nycticorax nycticorax</i>
	Cathartidae	Turkey Vulture Black Vulture King Vulture ^{ac}	<i>Cathartes aura</i> <i>Coragyps atratus</i> <i>Sarcoramphus papa</i>
	Ciconiidae	Saddle-billed Stork ^{ac}	<i>Ephippiorhynchus senegalensis</i>
		Marabou Stork ^{ac} Lesser Adjutant Stork ^{ac}	<i>Leptopilos crumeniferus</i> <i>Leptoptilos javanicus</i>
	Threskiornithidae	Scarlet Ibis ^c Waldrapp ^{ac}	<i>Eudocimus ruber</i> <i>Geronticus eremita</i>
Columbiformes	Columbidae	White-crowned Pigeon Rock Dove (Feral Pigeon) Mauritius Pink Pigeon ^{ac} Inca Dove Common Ground-Dove Luzon Pigeon (Bleeding Heart Pigeon) ^{ac} Eurasian Collared-Dove Ringed Turtle Dove White-winged Dove Mourning Dove	<i>Columba leucocephala</i> <i>Columba livia</i> <i>Columba mayeri</i> <i>Columbina inca</i> <i>Columbina passerina</i> <i>Gallucolumba luzonica</i> <i>Streptopelia decaocto</i> <i>Streptopelia risoria</i> <i>Zenaida asiatica</i> <i>Zenaida macroura</i>
Coraciiformes	Alcedinidae	Belted Kingfisher Micronesian Kingfisher ^c	<i>Ceryle alcyon</i> <i>Halcyon cinnamomina</i>
	Bucerotidae	Abyssinian Ground Hornbill ^c	<i>Bucorvus abyssinicus</i>
Cuculiformes	Cuculidae	Yellow-billed Cuckoo	<i>Coccyzus americanus</i>
Falconiformes	Accipitridae	Cooper's Hawk Northern Goshawk Sharp-shinned Hawk Cinereous Vulture ^c Wedge-tailed Eagle ^c Golden Eagle Red-tailed Hawk Rough-legged Hawk ^c Red-shouldered Hawk Broad-winged Hawk Ferruginous Hawk Swainson's Hawk Northern Harrier Swallow-tailed Kite Bald Eagle Mississippi Kite Osprey Harris' Hawk ^c	<i>Accipiter cooperii</i> <i>Accipiter gentilis</i> <i>Accipiter striatus</i> <i>Aegypius monachus</i> <i>Aquila audax</i> <i>Aquila chrysaetos</i> <i>Buteo jamaicensis</i> <i>Buteo lagopus</i> <i>Buteo lineatus</i> <i>Buteo platypterus</i> <i>Buteo regalis</i> <i>Buteo swainsoni</i> <i>Circus cyaneus</i> <i>Elanoides forficatus</i> <i>Haliaeetus leucocephalus</i> <i>Ictinia mississippiensis</i> <i>Pandion haliaetus</i> <i>Parabuteo unicinctus</i>
	Falconidae	Merlin Prairie Falcon Peregrine Falcon Gyr Falcon American Kestrel	<i>Falco columbarius</i> <i>Falco mexicanus</i> <i>Falco peregrinus</i> <i>Falco rusticolus</i> <i>Falco sparverius</i>
Galliformes	Numididae	Crested Guineafowl ^{ac}	<i>Guttera Pucherani</i>

	Odontophoridae	Northern Bobwhite	<i>Colinus virginianus</i>
	Phasianidae	Chukar ^c	<i>Alectoris chukar</i>
		Ruffed Grouse	<i>Bonasa umbellus</i>
		Greater Sage Grouse	<i>Centrocercus urophasianus</i> <i>ssp. phaios</i>
		Blue-eared Pheasant ^c	<i>Crossoptilan aurifum</i>
		Domestic Chicken (Red Junglefowl) ^c	<i>Gallus gallus</i>
		Green Junglefowl ^{ac}	<i>Galus varius</i>
		Monal Pheasant ^c	<i>Lophophorus ihuysii</i>
		Impeyan (Himalayan) Pheasant (Monal) ^c	<i>Lophophorus impeyanus</i>
		Bulwer's Wattled Pheasant ^{ac}	<i>Lophura bulweri</i>
		Turkey (domestic & wild)	<i>Meleagris gallopavo</i>
		Common Peafowl ^c	<i>Pavo cristatus</i>
		Ring-necked Pheasant	<i>Phasianus colchicus</i>
		Mount Peacock-Pheasant ^{ac}	<i>Polyplectron inopinatum</i>
		Crested Partridge ^{ac}	<i>Rollulus roulroul</i>
		Blyth's Tragopan ^c	<i>Tragopan blythii</i>
		Satyr Tragopan ^c	<i>Tragopan satyr</i>
		Greater Prairie Chicken	<i>Tympanuchus cupido</i> <i>various</i>
		Argus Pheasant (unspecified) ^{ac}	<i>Gavia immer</i>
Gaviiformes	Gaviidae	Common Loon	<i>Aramus guarauna</i>
Gruiformes	Aramidae	Limpkin	<i>Anthropoides virgo</i>
	Gruidae	Demoiselle Crane ^{ac}	<i>Balearica pavonina pavonina</i>
		West African Crowned Crane ^{ac}	<i>Bugeranus carunculatus</i>
		Wattled Crane ^{ac}	<i>Grus americana</i>
		Whooping Crane ^{ac}	<i>Grus canadensis pulla</i>
		Mississippi Sandhill Crane ^c	<i>Grus japonensis</i>
		Red-crowned Crane ^{ac}	<i>Grus leucogeranus</i>
		Siberian Crane ^{ac}	<i>Grus monacha</i>
		Hooded Crane ^{ac}	<i>Grus nigricollis</i>
		Black-necked Crane ^{ac}	<i>Grus vipio</i>
		White-naped Crane ^{ac}	<i>Porphyryla martinica</i>
	Rallidae	Purple Gallinule	<i>Rallus limicola</i>
		Virginia Rail	<i>Musophaga rossae</i>
Musophagiformes	Musophagidae	Lady Ross' Turaco (Plantain-Eater) ^{ac}	<i>Bombycilla cedrorum</i>
Passeriformes	Bombycillidae	Cedar Waxwing	<i>Cardinalis cardinalis</i>
	Cardinalidae	Northern Cardinal	<i>Guiraca caerulea</i>
		Blue Grosbeak ^a	<i>Passerina cyanea</i>
		Indigo Bunting	<i>Pheucticus ludovicianus</i>
		Rose-breasted Grosbeak	<i>Spiza americana</i>
		Dickcissel	<i>Cinclus mexicanus</i>
	Cinclidae	American Dipper	<i>Aphelocoma californica</i>
	Corvidae	Western Scrub-Jay	<i>Aphelocoma ultramarina</i> <i>arizonae</i>
		Mexican Jay	<i>Corvus brachyrhynchos</i>
		American Crow	<i>Corvus corax</i>
		Common Raven	<i>Corvus corone comix</i>
		Hooded Crow ^c	<i>Corvus cryptoleucus</i>
		Chihuahuan Raven	<i>Corvus ossifragus</i>
		Fish Crow	<i>Cyanocitta cristata</i>
		Blue Jay	<i>Cyanocitta stelleri</i>
		Steller's Jay	<i>Garrulus glandarius</i>
		Eurasian Jay ^c	<i>Gymnorhinus cyanocephalus</i>
		Pinyon Jay	<i>Nucifraga columbiana</i>
		Clark's Nutcracker ^c	<i>Pica hudsonia</i>
		Black-billed Magpie	<i>Chondestes grammacus</i>
	Emberizidae	Lark Sparrow	<i>Melospiza melodia</i>
		Song Sparrow	<i>Passerculus sandwichensis</i>
		Savannah Sparrow	<i>Passerella iliaca</i>
		Fox Sparrow	<i>Pipilo erythrophthalmus</i>
		Eastern Towhee	

	Field Sparrow	<i>Spizella pusilla</i>
Estrildidae	Gouldian Finch ^c	<i>Erythrura gouldiae</i>
	Zebra Finch ^c	<i>Taeniophygia guttata</i>
Fringillidae	European Goldfinch ^c	<i>Carduelis carduelis</i>
	American Goldfinch	<i>Carduelis tristis</i>
	Cassin's Finch	<i>Carpodacus cassinii</i>
	House Finch	<i>Carpodacus mexicanus</i>
	Purple Finch	<i>Carpodacus purpureus</i>
	Evening Grosbeak	<i>Coccothraustes vespertinus</i>
	Society Finch ^c	<i>Lonchura domestica</i>
	Red Crossbill	<i>Loxia curvirostra</i>
	Common Canary ^c	<i>Serinus canaria</i>
Hirundinidae	Barn Swallow	<i>Hirundo rustica</i>
	Purple Martin	<i>Progne subis</i>
	Tree Swallow	<i>Tachycineta bicolor</i>
Icteridae	Red-Winged Blackbird	<i>Agelaius phoeniceus</i>
	Bobolink	<i>Dolichonyx oryzivorus</i>
	Rusty Blackbird	<i>Euphagus carolinus</i>
	Brewer's Blackbird	<i>Euphagus cyanocephalus</i>
	Baltimore Oriole	<i>Icterus galbula</i>
	Orchard Oriole	<i>Icterus spurius</i>
	Brown-headed Cowbird	<i>Molothrus ater</i>
	Boat-tailed Grackle	<i>Quiscalus major</i>
	Great-tailed Grackle	<i>Quiscalus mexicanus</i>
	Common Grackle	<i>Quiscalus quiscula</i>
	Western Meadowlark	<i>Sturnella neglecta</i>
Laniidae	Loggerhead Shrike	<i>Lanius ludovicianus</i>
Mimidae	Gray Catbird	<i>Dumetella carolinensis</i>
	Northern Mockingbird	<i>Mimus polyglottos</i>
	Brown Thrasher	<i>Toxostoma rufum</i>
Paridae	Tufted Titmouse	<i>Baeolophus bicolor</i>
	Varied Tit ^c	<i>Parus varius</i>
	Black-capped Chickadee	<i>Poecile atricapilla</i>
	Carolina Chickadee	<i>Poecile carolinensis</i>
	Mountain Chickadee	<i>Poecile gambeli</i>
Parulidae	Black-throated Blue Warbler	<i>Dendroica caerulescens</i>
	Yellow-rumped Warbler	<i>Dendroica coronata</i>
	Prairie Warbler ^a	<i>Dendroica discolor</i>
	Magnolia Warbler ^a	<i>Dendroica magnolia</i>
	Yellow Warbler	<i>Dendroica petechia</i>
	Blackpoll Warbler	<i>Dendroica striata</i>
	Common Yellowthroat	<i>Geothlypis trichas</i>
	Kentucky Warbler	<i>Oporornis formosus</i>
	Northern Parula	<i>Parula americana</i>
	Ovenbird	<i>Seiurus aurocapillus</i>
	Northern Waterthrush	<i>Seiurus noveboracensis</i>
	Nashville Warbler	<i>Vermivora ruficapilla</i>
	Canada Warbler	<i>Wilsonia canadensis</i>
	Hooded Warbler	<i>Wilsonia citrina</i>
	Wilson's Warbler	<i>Wilsonia pusilla</i>
Passeridae	House Sparrow	<i>Passer domesticus</i>
Sittidae	White-breasted Nuthatch	<i>Sitta carolinensis</i>
Sturnidae	European Starling	<i>Sturnus vulgaris</i>
Thraupidae	Scarlet Tanager	<i>Piranga olivacea</i>
	Summer Tanager ^a	<i>Piranga rubra</i>
	Palm Tanager ^c	<i>Thraupis palmarum</i>
Timaliidae	White-crested Laughingthrush ^{ac}	<i>Garrulax leucolophus</i>
Troglodytidae	Cactus Wren	<i>Campylorhynchus brunneicapillus</i>
	Carolina Wren	<i>Thryothaurus ludovicianus</i>
	House Wren	<i>Troglodytes aedon</i>

		Winter Wren	<i>Troglodytes troglodytes</i>
	Turdidae	Veery	<i>Catharus fuscescens</i>
		Hermit Thrush	<i>Catharus guttatus</i>
		Gray-cheeked Thrush	<i>Catharus minimus</i>
		Swainson's Thrush	<i>Catharus ustulatus</i>
		Wood Thrush	<i>Hylocichla mustelina</i>
		Western Bluebird	<i>Sialia mexicana</i>
		Eastern Bluebird	<i>Sialia sialis</i>
		American Robin	<i>Turdus migratorius</i>
	Tyrannidae	Olive-sided Flycatcher	<i>Contopus cooperi</i>
		Trail's Flycatcher	<i>Empidonax traillii/alnorum</i>
		Great Crested Flycatcher	<i>Myiarchus crinitus</i>
		Eastern Phoebe	<i>Sayornis phoebe</i>
		Scissor-tailed Flycatcher	<i>Tyrannus forficatus</i>
		Eastern Kingbird	<i>Tyrannus tyrannus</i>
		Western Kingbird	<i>Tyrannus verticalis</i>
	Vireonidae	Black-whiskered Vireo	<i>Vireo altiloquus</i>
		Warbling Vireo	<i>Vireo gilvus</i>
		Red-eyed Vireo	<i>Vireo olivaceus</i>
Pelecaniformes	Pelecanidae	American White Pelican	<i>Pelecanus erythrorhynchos</i>
		Brown Pelican ^{ac}	<i>Pelecanus occidentalis</i>
	Phalacrocoracidae	Double-crested Cormorant	<i>Phalacrocorax auritus</i>
		Guanay Cormorant ^c	<i>Phalacrocorax bougainvillei</i>
Phoenicopteriformes	Phoenicopteridae	Chilean Flamingo ^c	<i>Phoenicopterus chilensis</i>
		Greater Flamingo (American) ^c	<i>Phoenicopterus ruber ruber</i>
Piciformes	Picidae	Northern Flicker	<i>Colaptes auratus</i>
		Red-bellied Woodpecker	<i>Melanerpes carolinus</i>
		Red-headed Woodpecker	<i>Melanerpes erythrocephalus</i>
		Gila Woodpecker	<i>Melanerpes uropygialis</i>
		Downy Woodpecker	<i>Picoides pubescens</i>
		Hairy Woodpecker	<i>Picoides villosus</i>
		Yellow-bellied Sapsucker	<i>Sphyrapicus varius</i>
Podicipediformes	Podicipedidae	Clark's Grebe	<i>Aechmophorus clarkii</i>
		Pied-billed Grebe	<i>Podilymbus podiceps</i>
Psittaciformes	Aratingidae	Blue-crowned Conure ^c	<i>Thectocercus acuticaudata</i>
	Cacatuidae	Cockatoo (unspecified) ^c	<i>Cacatua spp.</i>
		Cockatiel ^c	<i>Nymphicus hollandicus</i>
	Psittacidae	Red-crowned Parrot ^c	<i>Amazona viridigenalis</i>
		Macaw (unspecified) ^c	<i>Ara spp.</i>
		Violet-necked Lorikeet ^c	<i>Eos beckstein</i>
		Red Lory ^c	<i>Eos bornea</i>
		Blue-streaked Lorikeet ^c	<i>Eos reticulata</i>
		Pacific Parrotlet ^c	<i>Forpus coelestis</i>
		Black-capped Lory ^c	<i>Lorius lory</i>
		Budgerigar ^c	<i>Melopsittacus undulatus</i>
		Crimson Rosella ^c	<i>Platycercus elegans</i>
		Dusky Lory ^c	<i>Pseudos fuscata</i>
		African Grey Parrot ^c	<i>Psittacus erythacus</i>
		Thick-billed Parrot ^c	<i>Rhynchopsitta pachyrhyncha</i>
		Rainbow Lorikeet ^c	<i>Trichoglossus haematodus</i>
Sphenisciformes	Spheniscidae	Black-footed (Jackass) Penguin ^c	<i>Spheniscus demersus</i>
		Humboldt Penguin ^c	<i>Spheniscus humboldti</i>
		Magellan Penguin ^{ac}	<i>Spheniscus magellanicus</i>
Strigiformes	Strigidae	Northern Saw-whet Owl	<i>Aegolius acadicus</i>
		Boreal Owl ^c	<i>Aegolius funereus</i>
		Short-eared Owl	<i>Asio flammeus</i>
		Long-eared Owl	<i>Asio otus</i>
		Verreaux's Eagle Owl (Milky Eagle Owl) ^{ac}	<i>Bubo lacteus</i>
		Great Horned Owl	<i>Bubo virginianus</i>
		Snowy Owl ^c	<i>Nyctea scandiaca</i>
		Eastern Screech Owl	<i>Otus asio</i>
		Flammulated Owl ^c	<i>Otus flammeolus</i>

		Tawny Owl ^c	<i>Strix aluco</i>
		Great Grey Owl ^c	<i>Strix nebulosa</i>
		Spotted Owl ^c	<i>Strix occidentalis</i>
		Barred Owl	<i>Strix varia</i>
		Northern Hawk Owl ^c	<i>Surnia ulula</i>
	Tytonidae	Barn Owl	<i>Tyto alba</i>
Struthioniformes	Struthionidae	Ostrich ^{ac}	<i>Struthio camelis</i>
Tinamiformes	Tinamidae	Elegant Crested Tinanou ^c	<i>Eudromia elegans</i>

MAMMALS

Order	Family	Common Name	Scientific Name	
Artiodactyla	Bovidae	Domestic Cattle ^c	<i>Bos taurus</i>	
		Mountain Goat ^c	<i>Oreamnos americanus</i>	
		Domestic (Suffolk) Sheep ^c	<i>Ovis aries</i>	
	Camelidae	Llama ^c	<i>Lama glama</i>	
		Alpaca (Suri) ^c	<i>Lama pacos</i>	
	Cervidae	Mule Deer	<i>Odocoileus hemionus</i>	
		White-tailed Deer ^a	<i>Odocoileus virginianus</i>	
		Reindeer ^c	<i>Rangifer tarnadus</i>	
		Suidae	Babirusa ^{ac}	<i>Babyrousa babyrousa</i>
			Domestic Dog ^c	<i>Canis familiaris</i>
Canidae		Timber Wolf ^c	<i>Canis lupus</i>	
Carnivora	Felidae	Domestic Cat	<i>Felis catus</i>	
		Snow Leopard ^{ac}	<i>Panthera uncia</i>	
	Mustelidae	Striped Skunk	<i>Mephitis mephitis</i>	
	Phocidae	Harbor Seal ^c	<i>Phoca vitulina</i>	
	Procyonidae	Red Panda ^{ac}	<i>Ailurus fulgens fulgens</i>	
	Ursidae	Black Bear ^a	<i>Ursus americanus</i>	
	Chiroptera	Vespertilionidae	Big Brown Bat	<i>Eptesicus fuscus</i>
			Little Brown Bat	<i>Myotis lucifugus</i>
	Lagomorpha	Leporidae	Domestic Rabbit ^c	<i>Oryctolagus cuniculus</i>
	Perissodactyla	Equidae	Mule ^c	
Donkey ^c			<i>Equus asinus</i>	
Domestic Horse ^c			<i>Equus equus przewalski caballus</i>	
Primata		Rhinocerotidae	Great Indian Rhinoceros ^{ac}	<i>Rhinoceros unicornis</i>
		Cercopithicidae	Rhesus Macaque ^{ac}	<i>Macaca mulatta</i>
Pigtail Macaque ^{ac}	<i>Macaca nemestrina</i>			
Barbary Macaque ^c	<i>Macaca sylvanus</i>			
Olive Baboon ^{ac}	<i>Papio cynocephalus anubis</i>			
Proboscidea	Lemuridae	Ring-tailed Lemur ^{ac}	<i>Lemur catta</i>	
Rodentia	Elephantidae	Indian (Asian) Elephant ^{ac}	<i>Elephas maximus indicus</i>	
	Sciuridae	Black-tailed Prairie Dogs	<i>Cynomys ludovicianus</i>	
		Gray Squirrel	<i>Sciurus carolinensis</i>	
		Fox Squirrel	<i>Sciurus niger</i>	
		Eastern Chipmunk	<i>Tamias striatus</i>	

REPTILES

Order	Family	Common Name	Scientific Name
Crocodylia	Alligatoridae	American Alligator ^c	<i>Alligator mississippiensis</i>
Squamata	Varanidae	Crocodile Monitor ^{ac}	<i>Varanus salvadorii</i>