

[West Nile Virus](#)

## West Nile Virus

### Historic Data (1999-2022)



ArboNET is a national arboviral surveillance system managed by CDC and state health departments. ArboNET collects data on arboviral infections among people, veterinary animals, mosquitoes, dead birds, and sentinel animals.

#### Limitations of ArboNET Data

Surveillance data have several limitations that should be considered when using and interpreting the data.

1. Under-reporting is a limitation common to all surveillance systems that rely on healthcare providers to consider the disease as a possible diagnosis in a patient, obtain the appropriate laboratory test, and report confirmed to public health authorities.
2. Cases of mild illness (non-neuroinvasive disease) are more likely to be underreported compared to more severe disease (neuroinvasive) cases. The degree of underreporting varies by disease awareness and healthcare-seeking behavior in any area. Surveillance data for non-neuroinvasive disease should not be used to make comparisons of disease activity between different locations or over time.
3. Surveillance data are reported by county of residence, not the location (county or state) of exposure.
4. Non-human surveillance is conducted variably across the country. Absence of non-human activity reported to CDC should not be interpreted as no risk.
5. There is a lag in case reporting to CDC and states and territories may publish surveillance data on different schedules than CDC.

#### Dashboard Instructions & Visuals Included in Each Section

The visuals on this dashboard display West Nile virus data from 1999 – 2022.

- The “Cumulative Data for 1999-2022” section displays combined data from this timeframe. This includes:
  - Disease cases by year
  - Disease cases by age and sex
  - Average annual incidence by county
- The “Explore Human Data for 1999-2022” section allows users to filter the data by year and type of case (all disease cases or neuroinvasive disease cases only) using the drop-down list of options. This includes:
  - Number of disease cases, hospitalizations, and deaths
  - Disease cases by month
  - Disease cases by state
- The “Explore County Level Data for 1999-2022” section allows users to filter the data by year using the drop-down list of options. This visualization includes:
  - Human and non-human activity by county

- The data for each visual can also be viewed in table form by clicking on its corresponding data table bar below the figure.

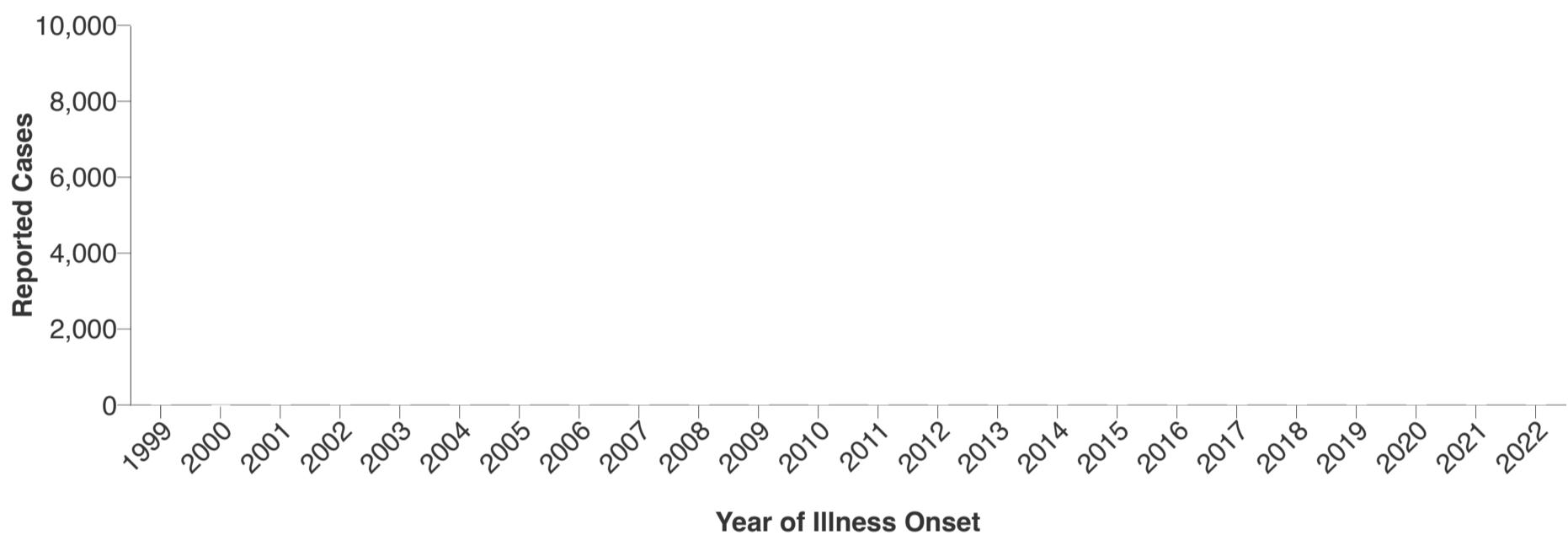
*Please note – users may experience **slow load times after selecting filters**. Please allow the visualizations to fully load after selecting filters, which will be indicated by an updated visual title.*

**i** The 2022 data are preliminary and subject to change. Data are current as of June 13, 2023.

[Skip to “Explore Data for 1999 – 2022”](#)

## Cumulative Data for 1999-2022

West Nile virus human disease cases by year of illness onset, 1999-2022



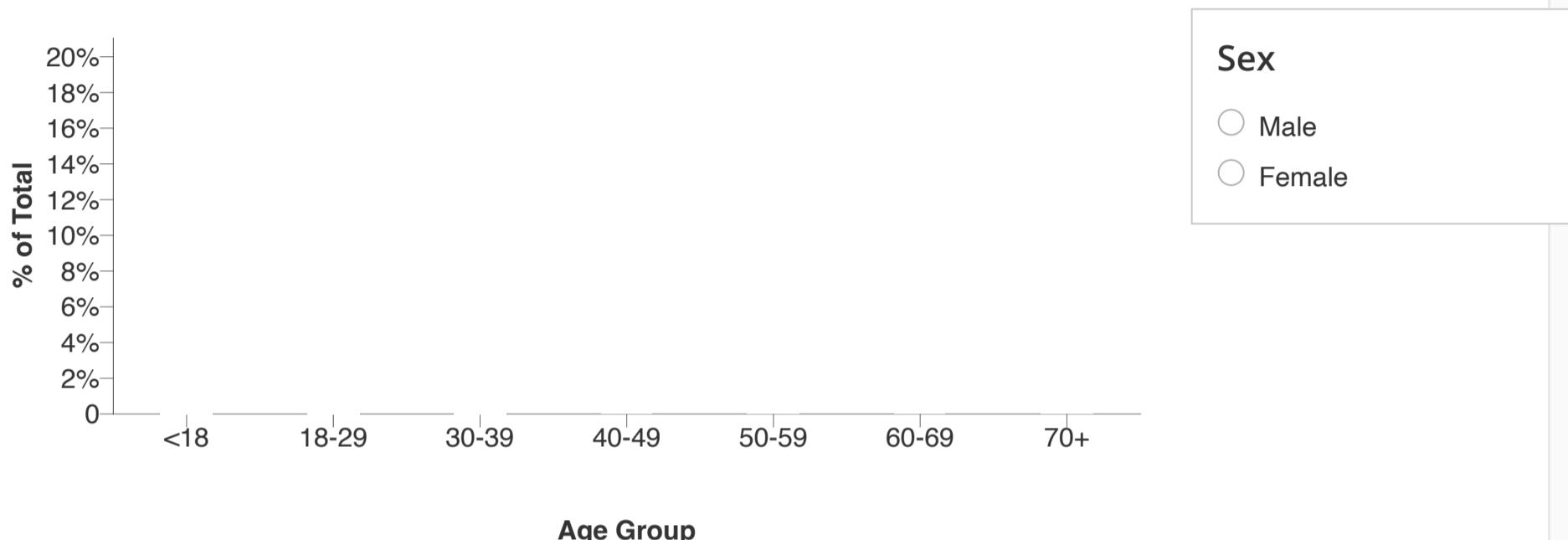
[Download Data \(CSV\)](#)

### Data Table - West Nile virus human disease cases by year of illness onset, 1999-2022

Year	Reported Cases
1999	62
2000	21
2001	66
2002	4,156
2003	9,862
2004	2,539
2005	3,000
2006	4,269
2007	3,630
2008	1,356
2009	720
2010	1,021
2011	712
2012	5,674
2013	2,469
2014	2,205
2015	2,175

Year	Reported Cases
2016	2,149
2017	2,097
2018	2,647
2019	971
2020	731
2021	2,911
2022	1,126

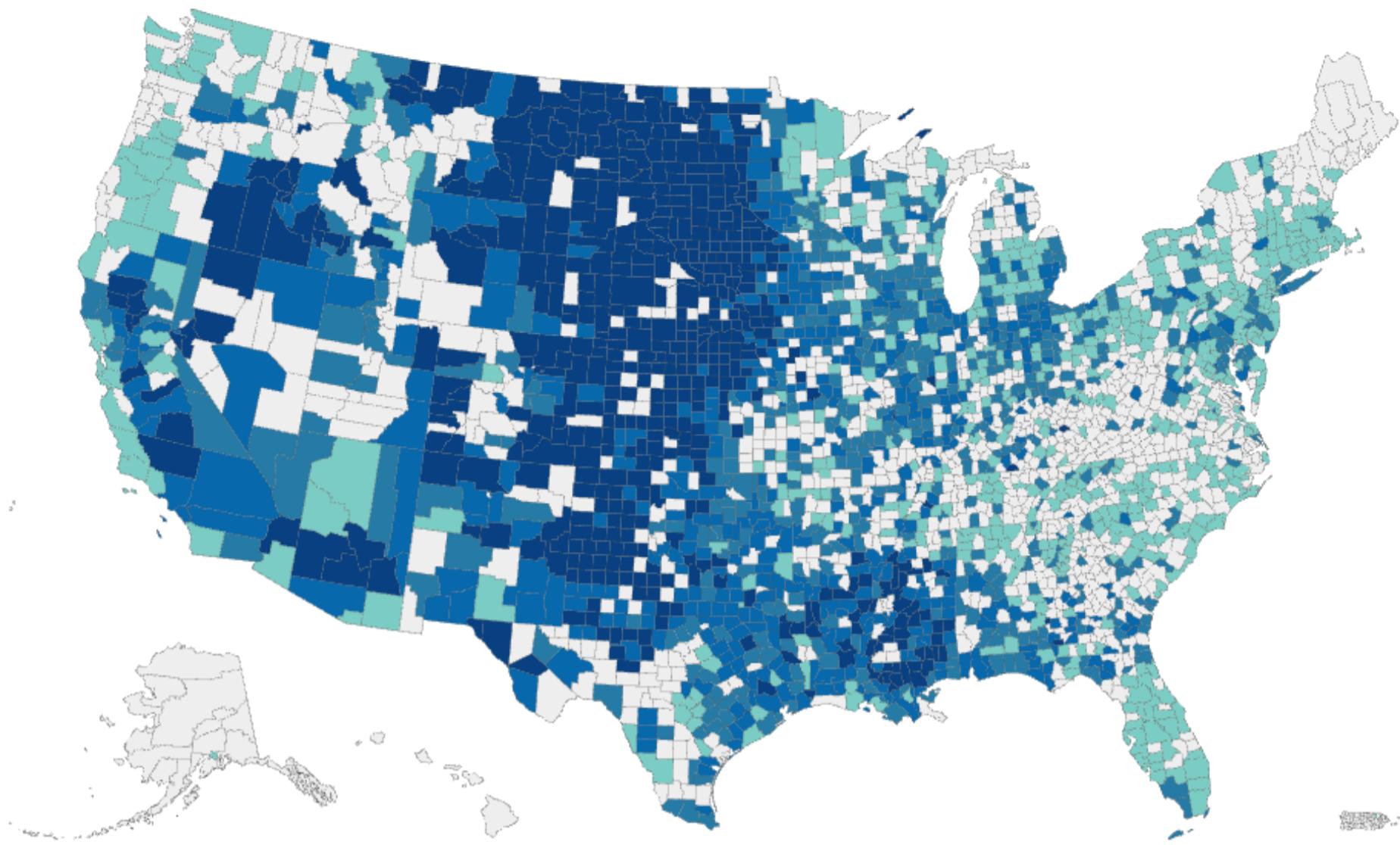
### West Nile virus human disease cases by age and sex, 1999-2022


[Download Data \(CSV\)](#)

### Data Table - West Nile virus human disease cases by age and sex, 1999-2022

Age	Male	Female
<18	4%	3%
18-29	4%	3%
30-39	6%	5%
40-49	9%	8%
50-59	11%	9%
60-69	10%	7%
70+	13%	9%

West Nile virus human neuroinvasive disease average annual incidence per 100,000 population by county of residence, 1999-2022\*



### Incidence per 100,000 Population

0.01 to 0.16    0.17 to 0.37    0.38 to 1.09    >1.10

\*For 2022 preliminary data, Maryland reports state level data only; South Carolina reports state level data only for human infections.

[Download Data \(CSV\)](#)

Data Table - West Nile virus human neuroinvasive disease average annual incidence per 100,000 population by county of residence, 1999-2022\*

State, County	Incidence
AL, Autauga	0.53
AL, Baldwin	0.40
AL, Barbour	0.15
AL, Bibb	0.37
AL, Bullock	0.39
AL, Butler	0.20
AL, Calhoun	0.11
AL, Chambers	0.24
AL, Chilton	0.29
AL, Cleburne	0.28
AL, Coffee	0.17
AL, Colbert	0.08
AL, Conecuh	0.32
AL, Covington	0.11
AL, Crenshaw	0.30
AL, Cullman	0.05
AL, Dale	0.17
AL, Dallas	0.39

State, County	Incidence
○ AL, Elmore	0.16
○ AL, Escambia	0.11
○ AL, Etowah	0.08
○ AL, Fayette	0.24
○ AL, Franklin	0.13
○ AL, Geneva	0.47
○ AL, Henry	0.24
○ AL, Houston	0.28
○ AL, Jackson	0.08
○ AL, Jefferson	0.27
○ AL, Lauderdale	0.04
○ AL, Lee	0.03
○ AL, Limestone	0.05
○ AL, Madison	0.07
○ AL, Marengo	0.20
○ AL, Marion	0.14
○ AL, Marshall	0.04
○ AL, Mobile	0.53
○ AL, Monroe	0.18
○ AL, Montgomery	0.76
○ AL, Morgan	0.10
○ AL, Pickens	0.22
○ AL, Russell	0.08
○ AL, Shelby	0.17
○ AL, Sumter	0.31
○ AL, Talladega	0.15
○ AL, Tuscaloosa	0.42
○ AL, Wilcox	0.73
○ AL, Winston	0.17
○ AK, Anchorage Muny	0.01
○ AZ, Apache	0.58
○ AZ, Cochise	0.16
○ AZ, Coconino	0.16
○ AZ, Gila	1.17
○ AZ, Graham	1.91
○ AZ, Greenlee	0.49
○ AZ, La Paz	1.21
○ AZ, Maricopa	2.06
○ AZ, Mohave	0.23
○ AZ, Navajo	0.27
○ AZ, Pima	0.97
○ AZ, Pinal	1.81
○ AZ, Santa Cruz	0.09
○ AZ, Yavapai	0.14

State, County	Incidence
○ AZ, Yuma	0.12
○ AR, Arkansas	0.88
○ AR, Ashley	0.38
○ AR, Benton	0.13
○ AR, Boone	0.11
○ AR, Bradley	5.10
○ AR, Carroll	0.15
○ AR, Chicot	0.36
○ AR, Clark	0.36
○ AR, Clay	0.26
○ AR, Cleburne	0.32
○ AR, Cleveland	0.48
○ AR, Columbia	1.69
○ AR, Conway	0.39
○ AR, Craighead	0.13
○ AR, Crawford	0.27
○ AR, Crittenden	0.82
○ AR, Desha	0.98
○ AR, Drew	1.78
○ AR, Faulkner	0.07
○ AR, Garland	0.17
○ AR, Hempstead	0.37
○ AR, Independence	0.45
○ AR, Izard	0.31
○ AR, Jefferson	2.08
○ AR, Johnson	0.16
○ AR, Lafayette	0.55
○ AR, Lawrence	0.48
○ AR, Lincoln	0.87
○ AR, Little River	0.64
○ AR, Logan	0.19
○ AR, Lonoke	0.30
○ AR, Marion	0.25
○ AR, Miller	1.05
○ AR, Mississippi	0.09
○ AR, Nevada	0.46
○ AR, Ouachita	0.49
○ AR, Phillips	0.58
○ AR, Pope	0.13
○ AR, Pulaski	0.51
○ AR, Randolph	0.23
○ AR, St Francis	0.15
○ AR, Saline	0.19
○ AR, Scott	0.74

State, County	Incidence
○ AR, Searcy	0.52
○ AR, Sebastian	0.56
○ AR, Sevier	0.24
○ AR, Union	1.81
○ AR, Washington	0.20
○ AR, White	0.27
○ AR, Yell	0.19
○ CA, Alameda	0.02
○ CA, Amador	0.44
○ CA, Butte	1.95
○ CA, Calaveras	0.18
○ CA, Colusa	0.98
○ CA, Contra Costa	0.20
○ CA, El Dorado	0.12
○ CA, Fresno	0.76
○ CA, Glenn	3.85
○ CA, Humboldt	0.06
○ CA, Imperial	0.24
○ CA, Inyo	0.23
○ CA, Kern	1.24
○ CA, Kings	0.82
○ CA, Lake	0.26
○ CA, Lassen	0.12
○ CA, Los Angeles	0.65
○ CA, Madera	1.13
○ CA, Marin	0.05
○ CA, Mendocino	0.24
○ CA, Merced	0.90
○ CA, Modoc	0.88
○ CA, Mono	0.29
○ CA, Monterey	0.03
○ CA, Napa	0.06
○ CA, Nevada	0.17
○ CA, Orange	0.68
○ CA, Placer	0.62
○ CA, Plumas	0.21
○ CA, Riverside	0.69
○ CA, Sacramento	0.49
○ CA, San Bernardino	0.56
○ CA, San Diego	0.14
○ CA, San Francisco	0.03
○ CA, San Joaquin	0.57
○ CA, San Luis Obispo	0.05
○ CA, San Mateo	0.02

State, County	Incidence
CA, Santa Barbara	0.05
CA, Santa Clara	0.06
CA, Santa Cruz	0.03
CA, Shasta	0.52
CA, Siskiyou	0.09
CA, Solano	0.22
CA, Sonoma	0.03
CA, Stanislaus	1.67
CA, Sutter	1.10
CA, Tehama	1.71
CA, Tulare	1.48
CA, Tuolumne	0.08
CA, Ventura	0.12
CA, Yolo	1.01
CA, Yuba	1.72
CO, Adams	1.52
CO, Alamosa	0.27
CO, Arapahoe	0.63
CO, Archuleta	0.69
CO, Baca	3.31
CO, Bent	4.54
CO, Boulder	2.11
CO, Chaffee	0.69
CO, Cheyenne	8.95
CO, Clear Creek	0.92
CO, Costilla	2.29
CO, Crowley	4.96
CO, Delta	8.09
CO, Denver	0.94
CO, Douglas	0.31
CO, Eagle	0.16
CO, Elbert	0.90
CO, El Paso	0.26
CO, Fremont	1.76
CO, Garfield	0.22
CO, Grand	0.29
CO, Huerfano	2.55
CO, Jefferson	0.71
CO, Kit Carson	0.51
CO, La Plata	1.45
CO, Larimer	2.12
CO, Las Animas	1.38
CO, Lincoln	3.84
CO, Logan	4.98

State, County	Incidence
CO, Mesa	2.18
CO, Montezuma	1.63
CO, Montrose	6.30
CO, Morgan	3.37
CO, Otero	3.54
CO, Phillips	1.89
CO, Prowers	4.00
CO, Pueblo	1.90
CO, Rio Blanco	1.85
CO, Rio Grande	0.35
CO, San Miguel	1.11
CO, Sedgwick	5.27
CO, Teller	0.18
CO, Washington	6.14
CO, Weld	4.31
CO, Yuma	2.05
CT, Fairfield	0.29
CT, Hartford	0.08
CT, Litchfield	0.07
CT, Middlesex	0.15
CT, New Haven	0.14
CT, New London	0.03
CT, Tolland	0.03
CT, Windham	0.04
DE, Kent	0.23
DE, New Castle	0.15
DE, Sussex	0.08
DC, Washington	0.50
FL, Alachua	0.05
FL, Bay	0.44
FL, Brevard	0.03
FL, Broward	0.02
FL, Calhoun	0.57
FL, Charlotte	0.03
FL, Citrus	0.06
FL, Clay	0.11
FL, Collier	0.19
FL, De Soto	0.12
FL, Duval	0.32
FL, Escambia	0.58
FL, Gadsden	0.26
FL, Gulf	0.79
FL, Hendry	0.11
FL, Highlands	0.04

State, County	Incidence
○ FL, Hillsborough	0.03
○ FL, Holmes	0.84
○ FL, Jackson	0.08
○ FL, Jefferson	0.29
○ FL, Lafayette	0.47
○ FL, Lake	0.01
○ FL, Lee	0.03
○ FL, Leon	0.13
○ FL, Madison	0.44
○ FL, Manatee	0.04
○ FL, Marion	0.10
○ FL, Martin	0.03
○ FL, Miami-Dade	0.08
○ FL, Monroe	0.23
○ FL, Nassau	0.17
○ FL, Okaloosa	0.20
○ FL, Orange	0.01
○ FL, Osceola	0.01
○ FL, Palm Beach	0.03
○ FL, Pasco	0.02
○ FL, Pinellas	0.04
○ FL, Polk	0.01
○ FL, Putnam	0.06
○ FL, St Johns	0.06
○ FL, Santa Rosa	0.29
○ FL, Sarasota	0.08
○ FL, Sumter	0.13
○ FL, Suwannee	0.38
○ FL, Taylor	0.37
○ FL, Union	0.27
○ FL, Volusia	0.08
○ FL, Wakulla	0.13
○ FL, Walton	0.22
○ FL, Washington	0.85
○ GA, Bacon	0.37
○ GA, Bartow	0.04
○ GA, Ben Hill	0.71
○ GA, Bibb	0.29
○ GA, Brantley	0.45
○ GA, Bryan	0.27
○ GA, Bulloch	0.11
○ GA, Burke	0.18
○ GA, Catoosa	0.19
○ GA, Chatham	0.31

State, County	Incidence
○ GA, Cherokee	0.06
○ GA, Clarke	0.04
○ GA, Clayton	0.08
○ GA, Cobb	0.11
○ GA, Coffee	0.10
○ GA, Columbia	0.13
○ GA, Crisp	0.53
○ GA, Dawson	0.19
○ GA, Decatur	0.15
○ GA, De Kalb	0.14
○ GA, Dougherty	0.96
○ GA, Douglas	0.06
○ GA, Early	0.39
○ GA, Echols	1.03
○ GA, Fayette	0.08
○ GA, Floyd	0.17
○ GA, Forsyth	0.05
○ GA, Fulton	0.23
○ GA, Glynn	0.26
○ GA, Gwinnett	0.04
○ GA, Hall	0.05
○ GA, Henry	0.02
○ GA, Houston	0.26
○ GA, Jeff Davis	0.27
○ GA, Johnson	0.83
○ GA, Lamar	0.23
○ GA, Lee	0.58
○ GA, Lowndes	0.07
○ GA, Mcduffie	0.19
○ GA, McIntosh	0.29
○ GA, Macon	0.58
○ GA, Miller	2.06
○ GA, Mitchell	0.53
○ GA, Morgan	0.23
○ GA, Muscogee	0.70
○ GA, Paulding	0.03
○ GA, Pierce	0.67
○ GA, Pike	0.23
○ GA, Polk	0.20
○ GA, Quitman	1.70
○ GA, Randolph	0.55
○ GA, Richmond	0.29
○ GA, Rockdale	0.05
○ GA, Seminole	0.48

State, County	Incidence
○ GA, Spalding	0.07
○ GA, Stephens	0.16
○ GA, Sumter	0.13
○ GA, Taylor	0.49
○ GA, Thomas	0.09
○ GA, Tift	0.40
○ GA, Toombs	0.31
○ GA, Treutlen	0.61
○ GA, Walker	0.06
○ GA, Ware	0.23
○ GA, Wayne	0.41
○ GA, White	0.15
○ GA, Whitfield	0.16
○ GA, Worth	0.19
○ ID, Ada	0.47
○ ID, Adams	2.09
○ ID, Bannock	0.25
○ ID, Bingham	2.09
○ ID, Blaine	0.20
○ ID, Boise	0.60
○ ID, Bonneville	0.12
○ ID, Boundary	0.39
○ ID, Camas	3.74
○ ID, Canyon	1.04
○ ID, Caribou	0.61
○ ID, Cassia	0.36
○ ID, Elmore	1.75
○ ID, Franklin	0.65
○ ID, Gem	2.25
○ ID, Gooding	2.99
○ ID, Jefferson	0.48
○ ID, Jerome	0.37
○ ID, Kootenai	0.06
○ ID, Lemhi	1.57
○ ID, Lewis	2.19
○ ID, Lincoln	4.06
○ ID, Madison	0.33
○ ID, Minidoka	1.86
○ ID, Owyhee	4.76
○ ID, Payette	2.22
○ ID, Twin Falls	0.80
○ ID, Valley	0.86
○ ID, Washington	5.34
○ IL, Adams	0.06

State, County	Incidence
IL, Bond	0.94
IL, Boone	0.38
IL, Brown	0.61
IL, Bureau	0.12
IL, Carroll	0.55
IL, Champaign	0.12
IL, Christian	0.24
IL, Clark	0.26
IL, Clinton	0.88
IL, Coles	0.16
IL, Cook	0.88
IL, Crawford	1.05
IL, Cumberland	0.38
IL, De Kalb	0.12
IL, De Witt	0.25
IL, Du Page	0.86
IL, Edgar	0.68
IL, Effingham	0.36
IL, Fayette	0.37
IL, Ford	0.90
IL, Franklin	0.94
IL, Fulton	0.68
IL, Gallatin	0.76
IL, Grundy	0.17
IL, Hancock	0.22
IL, Hardin	0.97
IL, Henderson	0.58
IL, Henry	0.17
IL, Jackson	0.41
IL, Jasper	0.85
IL, Jefferson	0.32
IL, Jo Daviess	0.55
IL, Kane	0.43
IL, Kankakee	0.40
IL, Kendall	0.36
IL, Knox	0.08
IL, Lake	0.27
IL, La Salle	0.55
IL, Lee	0.23
IL, Livingston	0.11
IL, Logan	0.14
IL, McDonough	0.13
IL, McHenry	0.28
IL, McLean	0.34

State, County	Incidence
○ IL, Macon	0.30
○ IL, Macoupin	0.52
○ IL, Madison	0.29
○ IL, Marion	0.53
○ IL, Mason	0.29
○ IL, Massac	0.55
○ IL, Menard	0.33
○ IL, Monroe	0.25
○ IL, Montgomery	0.42
○ IL, Morgan	0.23
○ IL, Moultrie	1.40
○ IL, Ogle	0.24
○ IL, Peoria	0.42
○ IL, Perry	0.19
○ IL, Piatt	0.50
○ IL, Pulaski	0.70
○ IL, Randolph	0.12
○ IL, Richland	0.77
○ IL, Rock Island	0.20
○ IL, St Clair	0.52
○ IL, Saline	0.33
○ IL, Sangamon	0.48
○ IL, Schuyler	0.56
○ IL, Stark	0.71
○ IL, Stephenson	0.35
○ IL, Tazewell	0.28
○ IL, Vermilion	0.26
○ IL, Wabash	0.71
○ IL, Warren	0.47
○ IL, Washington	0.29
○ IL, White	0.57
○ IL, Whiteside	0.21
○ IL, Will	0.34
○ IL, Williamson	0.44
○ IL, Winnebago	0.14
○ IL, Woodford	0.21
○ IN, Adams	0.36
○ IN, Allen	1.00
○ IN, Bartholomew	0.21
○ IN, Benton	0.47
○ IN, Blackford	0.66
○ IN, Boone	0.07
○ IN, Clark	0.19
○ IN, Clay	0.31

State, County	Incidence
○ IN, Clinton	0.25
○ IN, Crawford	0.39
○ IN, Daviess	0.13
○ IN, Dearborn	0.33
○ IN, Delaware	0.46
○ IN, Elkhart	0.34
○ IN, Floyd	0.22
○ IN, Fulton	0.40
○ IN, Gibson	0.62
○ IN, Grant	0.36
○ IN, Hamilton	0.24
○ IN, Hancock	0.36
○ IN, Hendricks	0.06
○ IN, Henry	0.17
○ IN, Howard	0.15
○ IN, Huntington	0.34
○ IN, Jackson	0.29
○ IN, Jasper	0.62
○ IN, Jay	0.20
○ IN, Jefferson	0.13
○ IN, Jennings	0.15
○ IN, Knox	0.11
○ IN, Kosciusko	0.38
○ IN, Lake	0.61
○ IN, La Porte	0.15
○ IN, Lawrence	0.09
○ IN, Madison	0.16
○ IN, Marion	0.30
○ IN, Marshall	0.18
○ IN, Miami	0.23
○ IN, Montgomery	0.22
○ IN, Morgan	0.12
○ IN, Ohio	0.69
○ IN, Orange	0.21
○ IN, Perry	0.21
○ IN, Porter	0.55
○ IN, Posey	0.32
○ IN, Putnam	0.11
○ IN, Ripley	0.29
○ IN, St Joseph	0.06
○ IN, Scott	0.17
○ IN, Spencer	0.20
○ IN, Sullivan	0.39
○ IN, Switzerland	0.39

State, County	Incidence
○ IN, Tippecanoe	0.14
○ IN, Tipton	0.26
○ IN, Vanderburgh	0.39
○ IN, Vigo	0.04
○ IN, Wabash	0.51
○ IN, Warrick	0.07
○ IN, Wayne	0.06
○ IN, Wells	0.90
○ IN, White	0.34
○ IN, Whitley	0.37
○ IA, Adair	0.55
○ IA, Adams	1.04
○ IA, Allamakee	0.29
○ IA, Appanoose	0.32
○ IA, Audubon	3.47
○ IA, Benton	0.32
○ IA, Black Hawk	0.03
○ IA, Boone	0.63
○ IA, Bremer	0.34
○ IA, Buena Vista	0.82
○ IA, Butler	0.28
○ IA, Calhoun	1.24
○ IA, Carroll	0.80
○ IA, Cass	0.30
○ IA, Cedar	0.45
○ IA, Cerro Gordo	0.57
○ IA, Cherokee	0.35
○ IA, Chickasaw	0.67
○ IA, Clarke	0.45
○ IA, Clinton	0.25
○ IA, Crawford	1.45
○ IA, Dallas	0.30
○ IA, Decatur	0.51
○ IA, Des Moines	0.31
○ IA, Dickinson	1.48
○ IA, Dubuque	0.04
○ IA, Emmet	2.06
○ IA, Fayette	0.20
○ IA, Floyd	0.78
○ IA, Franklin	0.78
○ IA, Fremont	1.70
○ IA, Greene	0.45
○ IA, Hamilton	0.54
○ IA, Hancock	0.37

State, County	Incidence
○ IA, Hardin	0.48
○ IA, Harrison	2.26
○ IA, Henry	0.41
○ IA, Humboldt	0.85
○ IA, Ida	1.18
○ IA, Jackson	0.42
○ IA, Jasper	0.34
○ IA, Johnson	0.16
○ IA, Jones	0.20
○ IA, Keokuk	0.40
○ IA, Kossuth	0.54
○ IA, Lee	0.35
○ IA, Linn	0.08
○ IA, Louisa	0.37
○ IA, Lucas	0.47
○ IA, Lyon	3.21
○ IA, Madison	0.79
○ IA, Mahaska	0.56
○ IA, Marion	0.38
○ IA, Marshall	0.51
○ IA, Mills	0.83
○ IA, Monona	3.16
○ IA, Monroe	1.03
○ IA, Montgomery	3.13
○ IA, Muscatine	0.19
○ IA, O'Brien	0.59
○ IA, Osceola	1.32
○ IA, Page	1.05
○ IA, Palo Alto	0.89
○ IA, Plymouth	1.17
○ IA, Pocahontas	0.58
○ IA, Polk	0.17
○ IA, Pottawattamie	1.29
○ IA, Poweshiek	0.44
○ IA, Ringgold	1.65
○ IA, Sac	0.82
○ IA, Scott	0.15
○ IA, Shelby	1.74
○ IA, Sioux	2.94
○ IA, Story	0.27
○ IA, Tama	0.24
○ IA, Van Buren	0.55
○ IA, Wapello	0.23
○ IA, Warren	0.45

State, County	Incidence
○ IA, Washington	0.57
○ IA, Webster	0.44
○ IA, Winnebago	0.39
○ IA, Woodbury	0.89
○ IA, Wright	0.96
○ KS, Atchison	0.25
○ KS, Barber	0.85
○ KS, Barton	1.35
○ KS, Butler	0.32
○ KS, Chase	1.51
○ KS, Cheyenne	1.55
○ KS, Clark	5.89
○ KS, Clay	1.47
○ KS, Cloud	0.44
○ KS, Cowley	0.23
○ KS, Crawford	0.11
○ KS, Decatur	2.85
○ KS, Dickinson	1.48
○ KS, Doniphan	0.52
○ KS, Douglas	0.33
○ KS, Ellis	1.16
○ KS, Ellsworth	0.64
○ KS, Finney	0.45
○ KS, Ford	1.58
○ KS, Franklin	0.32
○ KS, Graham	1.58
○ KS, Grant	0.53
○ KS, Gray	5.48
○ KS, Greeley	3.32
○ KS, Hamilton	1.58
○ KS, Harper	2.11
○ KS, Harvey	1.08
○ KS, Haskell	1.97
○ KS, Hodgeman	4.26
○ KS, Jackson	1.24
○ KS, Jewell	4.04
○ KS, Johnson	0.35
○ KS, Kearny	1.05
○ KS, Kingman	1.58
○ KS, Kiowa	1.63
○ KS, Lane	2.39
○ KS, Lincoln	1.29
○ KS, Lyon	0.25
○ KS, Mcpherson	1.00

State, County	Incidence
○ KS, Marion	0.33
○ KS, Marshall	1.25
○ KS, Meade	5.53
○ KS, Mitchell	1.33
○ KS, Montgomery	0.12
○ KS, Nemaha	0.41
○ KS, Neosho	0.25
○ KS, Ness	2.67
○ KS, Osborne	4.35
○ KS, Ottawa	0.69
○ KS, Pawnee	1.19
○ KS, Phillips	3.01
○ KS, Pottawatomie	0.57
○ KS, Pratt	3.46
○ KS, Reno	1.10
○ KS, Republic	2.56
○ KS, Rice	2.06
○ KS, Riley	0.17
○ KS, Rooks	1.60
○ KS, Rush	3.89
○ KS, Russell	0.60
○ KS, Saline	1.05
○ KS, Scott	3.41
○ KS, Sedgwick	0.42
○ KS, Seward	0.72
○ KS, Shawnee	0.21
○ KS, Sherman	2.75
○ KS, Smith	2.20
○ KS, Stafford	3.80
○ KS, Stanton	3.77
○ KS, Stevens	0.74
○ KS, Sumner	0.18
○ KS, Thomas	1.57
○ KS, Trego	4.23
○ KS, Wallace	2.73
○ KS, Washington	2.86
○ KS, Wichita	1.84
○ KS, Wyandotte	0.42
○ KY, Adair	0.44
○ KY, Barren	0.39
○ KY, Bell	0.15
○ KY, Boone	0.07
○ KY, Boyle	0.29
○ KY, Bracken	0.49

State, County	Incidence
○ KY, Breckinridge	0.21
○ KY, Bullitt	0.06
○ KY, Campbell	0.18
○ KY, Christian	0.17
○ KY, Clark	0.12
○ KY, Daviess	0.13
○ KY, Edmonson	0.34
○ KY, Estill	0.28
○ KY, Fayette	0.10
○ KY, Floyd	0.10
○ KY, Grant	0.34
○ KY, Graves	0.11
○ KY, Green	0.37
○ KY, Greenup	0.34
○ KY, Hardin	0.04
○ KY, Hart	0.23
○ KY, Henry	0.54
○ KY, Hopkins	0.27
○ KY, Jefferson	0.27
○ KY, Kenton	0.29
○ KY, Laurel	0.14
○ KY, Lincoln	0.34
○ KY, Logan	0.31
○ KY, Mccracken	0.38
○ KY, Mccreary	0.23
○ KY, Madison	0.05
○ KY, Marion	0.42
○ KY, Marshall	0.13
○ KY, Mason	0.24
○ KY, Monroe	1.15
○ KY, Pulaski	0.13
○ KY, Simpson	0.24
○ KY, Taylor	0.17
○ KY, Union	0.55
○ KY, Warren	0.07
○ KY, Wolfe	1.13
○ LA, Acadia Parish	0.13
○ LA, Allen Parish	0.65
○ LA, Ascension Parish	1.44
○ LA, Assumption Parish	0.72
○ LA, Avoyelles Parish	0.70
○ LA, Beauregard Parish	0.69
○ LA, Bienville Parish	0.29
○ LA, Bossier Parish	1.60

State, County	Incidence
○ LA, Caddo Parish	2.45
○ LA, Calcasieu Parish	0.77
○ LA, Caldwell Parish	2.06
○ LA, Catahoula Parish	0.81
○ LA, Claiborne Parish	0.49
○ LA, Concordia Parish	1.20
○ LA, De Soto Parish	1.40
○ LA, East Baton Rouge Parish	1.53
○ LA, East Feliciana Parish	2.08
○ LA, Evangeline Parish	0.62
○ LA, Franklin Parish	1.00
○ LA, Grant Parish	1.12
○ LA, Iberia Parish	0.63
○ LA, Iberville Parish	1.00
○ LA, Jefferson Parish	0.61
○ LA, Jefferson Davis Parish	0.66
○ LA, Lafayette Parish	0.44
○ LA, Lafourche Parish	0.60
○ LA, La Salle Parish	0.28
○ LA, Lincoln Parish	0.71
○ LA, Livingston Parish	2.15
○ LA, Madison Parish	1.04
○ LA, Morehouse Parish	1.67
○ LA, Natchitoches Parish	0.53
○ LA, Orleans Parish	0.57
○ LA, Ouachita Parish	1.91
○ LA, Pointe Coupee Parish	1.64
○ LA, Rapides Parish	2.56
○ LA, Red River Parish	0.92
○ LA, Richland Parish	1.00
○ LA, Sabine Parish	0.17
○ LA, St Bernard Parish	0.21
○ LA, St Charles Parish	0.16
○ LA, St Helena Parish	2.28
○ LA, St James Parish	0.76
○ LA, St John The Baptist Parish	0.28
○ LA, St Landry Parish	0.35
○ LA, St Martin Parish	0.24
○ LA, St Mary Parish	0.08
○ LA, St Tammany Parish	1.55
○ LA, Tangipahoa Parish	2.00
○ LA, Terrebonne Parish	0.19
○ LA, Union Parish	0.73
○ LA, Vermilion Parish	0.14

State, County	Incidence
○ LA, Vernon Parish	0.24
○ LA, Washington Parish	2.12
○ LA, Webster Parish	0.91
○ LA, West Baton Rouge Parish	1.21
○ LA, West Carroll Parish	1.81
○ LA, West Feliciana Parish	0.81
○ LA, Winn Parish	0.82
○ ME, Cumberland	0.06
○ MD, Allegany	0.06
○ MD, Anne Arundel	0.31
○ MD, Baltimore	0.30
○ MD, Calvert	0.05
○ MD, Caroline	0.25
○ MD, Carroll	0.07
○ MD, Cecil	0.12
○ MD, Charles	0.03
○ MD, Dorchester	0.51
○ MD, Frederick	0.12
○ MD, Harford	0.19
○ MD, Howard	0.07
○ MD, Montgomery	0.15
○ MD, Prince Georges	0.18
○ MD, Queen Annes	0.26
○ MD, St Marys	0.04
○ MD, Talbot	0.11
○ MD, Washington	0.20
○ MD, Worcester	0.08
○ MD, Baltimore City	0.36
○ MA, Barnstable	0.08
○ MA, Berkshire	0.06
○ MA, Bristol	0.07
○ MA, Essex	0.08
○ MA, Franklin	0.06
○ MA, Hampden	0.07
○ MA, Hampshire	0.05
○ MA, Middlesex	0.21
○ MA, Norfolk	0.07
○ MA, Plymouth	0.05
○ MA, Suffolk	0.20
○ MA, Worcester	0.07
○ MI, Allegan	0.15
○ MI, Arenac	0.27
○ MI, Barry	0.28
○ MI, Bay	0.12

State, County	Incidence
○ MI, Berrien	0.13
○ MI, Branch	0.09
○ MI, Calhoun	0.06
○ MI, Cass	0.40
○ MI, Clinton	0.38
○ MI, Eaton	0.15
○ MI, Emmet	0.13
○ MI, Genesee	0.12
○ MI, Grand Traverse	0.19
○ MI, Gratiot	0.10
○ MI, Hillsdale	0.27
○ MI, Ingham	0.35
○ MI, Ionia	0.07
○ MI, Isabella	0.12
○ MI, Jackson	0.08
○ MI, Kalamazoo	0.15
○ MI, Kent	0.92
○ MI, Keweenaw	1.91
○ MI, Lapeer	0.19
○ MI, Lenawee	0.25
○ MI, Livingston	0.05
○ MI, Macomb	0.89
○ MI, Marquette	0.06
○ MI, Menominee	0.17
○ MI, Midland	0.05
○ MI, Monroe	0.22
○ MI, Montcalm	0.13
○ MI, Muskegon	0.12
○ MI, Newaygo	0.26
○ MI, Oakland	0.90
○ MI, Ogemaw	0.19
○ MI, Oscoda	0.48
○ MI, Otsego	0.17
○ MI, Ottawa	0.23
○ MI, Presque Isle	0.32
○ MI, Saginaw	0.04
○ MI, St Clair	0.18
○ MI, St Joseph	0.20
○ MI, Sanilac	0.20
○ MI, Shiawassee	0.06
○ MI, Tuscola	0.15
○ MI, Van Buren	0.27
○ MI, Washtenaw	0.10
○ MI, Wayne	1.01

State, County	Incidence
○ MI, Wexford	0.13
○ MN, Anoka	0.23
○ MN, Becker	0.38
○ MN, Beltrami	0.28
○ MN, Benton	0.22
○ MN, Big Stone	4.00
○ MN, Blue Earth	0.32
○ MN, Brown	0.49
○ MN, Carver	0.13
○ MN, Cass	0.15
○ MN, Chippewa	1.35
○ MN, Chisago	0.23
○ MN, Clay	1.39
○ MN, Cottonwood	2.49
○ MN, Crow Wing	0.13
○ MN, Dakota	0.21
○ MN, Dodge	0.21
○ MN, Douglas	0.23
○ MN, Faribault	0.86
○ MN, Fillmore	0.20
○ MN, Freeborn	0.27
○ MN, Goodhue	0.18
○ MN, Grant	1.39
○ MN, Hennepin	0.17
○ MN, Hubbard	0.41
○ MN, Isanti	0.11
○ MN, Itasca	0.09
○ MN, Jackson	2.04
○ MN, Kandiyohi	0.89
○ MN, Kittson	0.92
○ MN, Koochiching	0.63
○ MN, Lac Qui Parle	2.89
○ MN, Lincoln	2.15
○ MN, Lyon	1.13
○ MN, Mcleod	0.46
○ MN, Mahnomen	0.76
○ MN, Marshall	1.76
○ MN, Martin	0.61
○ MN, Meeker	0.54
○ MN, Mille Lacs	0.64
○ MN, Morrison	0.13
○ MN, Mower	0.32
○ MN, Murray	2.41
○ MN, Nobles	0.39

State, County	Incidence
○ MN, Norman	1.84
○ MN, Olmsted	0.06
○ MN, Otter Tail	0.95
○ MN, Pine	0.14
○ MN, Pipestone	1.75
○ MN, Polk	1.32
○ MN, Pope	0.38
○ MN, Ramsey	0.19
○ MN, Redwood	1.56
○ MN, Renville	0.54
○ MN, Rice	0.32
○ MN, Rock	2.17
○ MN, Roseau	0.54
○ MN, St Louis	0.08
○ MN, Scott	0.16
○ MN, Sherburne	0.14
○ MN, Sibley	0.27
○ MN, Stearns	0.50
○ MN, Steele	0.23
○ MN, Stevens	2.58
○ MN, Swift	0.86
○ MN, Todd	0.17
○ MN, Traverse	5.97
○ MN, Wabasha	0.19
○ MN, Wadena	1.22
○ MN, Washington	0.07
○ MN, Watonwan	1.12
○ MN, Wilkin	5.07
○ MN, Winona	0.08
○ MN, Wright	0.20
○ MN, Yellow Medicine	2.83
○ MS, Adams	2.57
○ MS, Alcorn	0.22
○ MS, Attala	1.07
○ MS, Bolivar	0.62
○ MS, Calhoun	2.52
○ MS, Chickasaw	0.48
○ MS, Claiborne	1.70
○ MS, Clarke	1.25
○ MS, Clay	1.42
○ MS, Coahoma	1.29
○ MS, Copiah	1.71
○ MS, Covington	0.64
○ MS, De Soto	0.25

State, County	Incidence
○ MS, Forrest	4.01
○ MS, George	0.36
○ MS, Greene	0.29
○ MS, Grenada	1.16
○ MS, Hancock	0.19
○ MS, Harrison	0.74
○ MS, Hinds	2.79
○ MS, Holmes	0.44
○ MS, Humphreys	2.24
○ MS, Itawamba	0.18
○ MS, Jackson	0.36
○ MS, Jasper	1.24
○ MS, Jefferson	1.10
○ MS, Jefferson Davis	0.69
○ MS, Jones	1.90
○ MS, Kemper	0.81
○ MS, Lamar	1.74
○ MS, Lauderdale	0.62
○ MS, Lawrence	0.33
○ MS, Leake	1.08
○ MS, Lee	0.35
○ MS, Leflore	1.43
○ MS, Lincoln	1.91
○ MS, Lowndes	0.56
○ MS, Madison	1.89
○ MS, Marion	1.72
○ MS, Marshall	0.11
○ MS, Monroe	0.57
○ MS, Montgomery	0.39
○ MS, Neshoba	0.84
○ MS, Newton	0.19
○ MS, Noxubee	0.74
○ MS, Oktibbeha	0.35
○ MS, Panola	0.85
○ MS, Pearl River	1.58
○ MS, Perry	2.06
○ MS, Pike	1.03
○ MS, Pontotoc	0.14
○ MS, Prentiss	0.16
○ MS, Quitman	0.52
○ MS, Rankin	2.22
○ MS, Scott	1.47
○ MS, Simpson	0.61
○ MS, Smith	0.76

State, County	Incidence
○ MS, Stone	0.70
○ MS, Sunflower	1.31
○ MS, Tallahatchie	1.63
○ MS, Tate	0.15
○ MS, Walthall	0.81
○ MS, Warren	0.78
○ MS, Washington	1.32
○ MS, Wayne	1.01
○ MS, Yazoo	1.77
○ MO, Adair	0.16
○ MO, Andrew	0.24
○ MO, Audrain	0.16
○ MO, Barton	0.34
○ MO, Boone	0.35
○ MO, Buchanan	0.23
○ MO, Caldwell	0.45
○ MO, Callaway	0.28
○ MO, Carroll	1.35
○ MO, Cass	0.12
○ MO, Cedar	0.30
○ MO, Chariton	0.54
○ MO, Christian	0.05
○ MO, Clark	0.59
○ MO, Clay	0.26
○ MO, Clinton	0.40
○ MO, Cole	0.16
○ MO, Crawford	0.34
○ MO, Daviess	1.51
○ MO, Dent	0.27
○ MO, Dunklin	0.39
○ MO, Franklin	0.08
○ MO, Greene	0.05
○ MO, Hickory	0.43
○ MO, Holt	0.86
○ MO, Howard	0.41
○ MO, Howell	0.31
○ MO, Iron	0.39
○ MO, Jackson	0.33
○ MO, Jasper	0.33
○ MO, Jefferson	0.23
○ MO, Laclede	1.05
○ MO, Lafayette	0.38
○ MO, Lawrence	0.22
○ MO, Lewis	0.41

State, County	Incidence
MO, Linn	0.66
MO, McDonald	0.18
MO, Macon	0.27
MO, Miller	0.51
MO, Moniteau	0.27
MO, Morgan	0.20
MO, Newton	0.07
MO, Nodaway	0.53
MO, Pettis	0.10
MO, Phelps	0.28
MO, Pike	0.45
MO, Platte	0.09
MO, Pulaski	0.31
MO, Randolph	0.82
MO, St Charles	0.22
MO, Ste. Genevieve	0.23
MO, St Francois	0.13
MO, St Louis	0.47
MO, Saline	0.36
MO, Schuyler	0.95
MO, Scotland	0.86
MO, Scott	0.11
MO, Shannon	0.50
MO, Stoddard	0.42
MO, Texas	0.32
MO, Vernon	0.59
MO, Washington	0.17
MO, Webster	0.11
MO, Worth	1.97
MO, Wright	0.22
MO, St Louis City	1.81
MT, Big Horn	2.87
MT, Blaine	6.34
MT, Carbon	1.24
MT, Cascade	0.82
MT, Chouteau	2.15
MT, Custer	3.19
MT, Dawson	1.85
MT, Fallon	7.11
MT, Flathead	0.05
MT, Gallatin	0.09
MT, Garfield	3.32
MT, Glacier	0.31
MT, Hill	2.03

State, County	Incidence
○ MT, Lake	0.29
○ MT, Lewis And Clark	0.26
○ MT, Mccone	4.88
○ MT, Missoula	0.04
○ MT, Musselshell	0.88
○ MT, Park	0.27
○ MT, Phillips	1.00
○ MT, Pondera	1.35
○ MT, Powder River	2.40
○ MT, Prairie	7.30
○ MT, Ravalli	0.21
○ MT, Richland	3.28
○ MT, Roosevelt	4.76
○ MT, Rosebud	3.57
○ MT, Sanders	0.73
○ MT, Sheridan	8.53
○ MT, Silver Bow	0.12
○ MT, Stillwater	2.73
○ MT, Teton	1.38
○ MT, Toole	2.42
○ MT, Treasure	11.75
○ MT, Valley	6.70
○ MT, Wibaux	4.24
○ MT, Yellowstone	1.03
○ NE, Adams	3.74
○ NE, Banner	12.65
○ NE, Boone	6.94
○ NE, Box Butte	1.11
○ NE, Boyd	2.00
○ NE, Brown	8.07
○ NE, Buffalo	3.83
○ NE, Burt	3.07
○ NE, Butler	6.06
○ NE, Cass	1.49
○ NE, Cedar	2.86
○ NE, Chase	2.09
○ NE, Cherry	2.91
○ NE, Cheyenne	0.83
○ NE, Clay	3.23
○ NE, Colfax	2.37
○ NE, Cuming	5.94
○ NE, Custer	3.44
○ NE, Dakota	0.40
○ NE, Dawes	1.36

State, County	Incidence
○ NE, Dawson	3.79
○ NE, Deuel	2.13
○ NE, Dixon	2.08
○ NE, Dodge	2.71
○ NE, Douglas	0.99
○ NE, Dundy	4.22
○ NE, Fillmore	5.72
○ NE, Franklin	2.60
○ NE, Frontier	1.54
○ NE, Furnas	5.09
○ NE, Gage	3.23
○ NE, Garden	4.04
○ NE, Garfield	2.08
○ NE, Gosper	8.38
○ NE, Grant	6.56
○ NE, Greeley	3.29
○ NE, Hall	3.85
○ NE, Hamilton	5.97
○ NE, Harlan	7.28
○ NE, Hitchcock	1.46
○ NE, Holt	5.59
○ NE, Hooker	11.22
○ NE, Howard	3.31
○ NE, Jefferson	1.65
○ NE, Johnson	0.80
○ NE, Kearney	5.73
○ NE, Keith	5.56
○ NE, Knox	2.92
○ NE, Lancaster	1.37
○ NE, Lincoln	3.47
○ NE, Logan	10.70
○ NE, Mcpherson	7.56
○ NE, Madison	1.90
○ NE, Merrick	5.90
○ NE, Morrill	6.69
○ NE, Nance	1.12
○ NE, Nemaha	0.58
○ NE, Nuckolls	0.94
○ NE, Otoe	1.85
○ NE, Pawnee	1.49
○ NE, Perkins	5.66
○ NE, Phelps	4.10
○ NE, Pierce	4.63
○ NE, Platte	2.95

State, County	Incidence
○ NE, Polk	7.81
○ NE, Red Willow	3.02
○ NE, Richardson	1.00
○ NE, Saline	3.20
○ NE, Sarpy	1.08
○ NE, Saunders	1.80
○ NE, Scotts Bluff	4.06
○ NE, Seward	2.24
○ NE, Sheridan	4.66
○ NE, Sherman	1.34
○ NE, Thayer	3.22
○ NE, Thurston	1.21
○ NE, Valley	3.94
○ NE, Washington	2.51
○ NE, Wayne	0.44
○ NE, Webster	3.33
○ NE, York	6.04
○ NV, Churchill	3.89
○ NV, Clark	0.22
○ NV, Douglas	1.15
○ NV, Elko	0.51
○ NV, Humboldt	2.50
○ NV, Lyon	1.22
○ NV, Nye	0.57
○ NV, Washoe	0.26
○ NV, Carson City	0.38
○ NH, Belknap	0.07
○ NH, Cheshire	0.05
○ NH, Hillsborough	0.03
○ NH, Rockingham	0.01
○ NJ, Atlantic	0.06
○ NJ, Bergen	0.14
○ NJ, Burlington	0.20
○ NJ, Camden	0.23
○ NJ, Cape May	0.26
○ NJ, Cumberland	0.16
○ NJ, Essex	0.07
○ NJ, Gloucester	0.14
○ NJ, Hudson	0.10
○ NJ, Hunterdon	0.20
○ NJ, Mercer	0.15
○ NJ, Middlesex	0.10
○ NJ, Monmouth	0.14
○ NJ, Morris	0.07

State, County	Incidence
○ NJ, Ocean	0.09
○ NJ, Passaic	0.08
○ NJ, Salem	0.13
○ NJ, Somerset	0.10
○ NJ, Union	0.15
○ NJ, Warren	0.19
○ NM, Bernalillo	0.47
○ NM, Chaves	0.95
○ NM, Cibola	0.15
○ NM, Colfax	1.53
○ NM, Curry	1.50
○ NM, De Baca	2.08
○ NM, Dona Ana	1.09
○ NM, Eddy	0.46
○ NM, Grant	0.28
○ NM, Guadalupe	0.90
○ NM, Lea	0.83
○ NM, Luna	1.00
○ NM, Mckinley	0.35
○ NM, Otero	0.06
○ NM, Quay	4.15
○ NM, Rio Arriba	1.55
○ NM, Roosevelt	2.04
○ NM, Sandoval	0.84
○ NM, San Juan	2.22
○ NM, San Miguel	0.28
○ NM, Santa Fe	0.51
○ NM, Sierra	0.69
○ NM, Socorro	0.23
○ NM, Taos	0.76
○ NM, Torrance	1.52
○ NM, Valencia	1.14
○ NY, Albany	0.03
○ NY, Bronx	0.12
○ NY, Broome	0.13
○ NY, Cattaraugus	0.05
○ NY, Chemung	0.05
○ NY, Chenango	0.08
○ NY, Clinton	0.05
○ NY, Columbia	0.07
○ NY, Dutchess	0.07
○ NY, Erie	0.09
○ NY, Greene	0.43
○ NY, Kings	0.13

State, County	Incidence
NY, Livingston	0.13
NY, Monroe	0.08
NY, Nassau	0.57
NY, New York	0.12
NY, Niagara	0.10
NY, Onondaga	0.14
NY, Orange	0.01
NY, Orleans	0.10
NY, Oswego	0.17
NY, Queens	0.25
NY, Rensselaer	0.05
NY, Richmond	0.53
NY, Rockland	0.05
NY, St Lawrence	0.04
NY, Saratoga	0.06
NY, Schenectady	0.08
NY, Schuyler	0.23
NY, Steuben	0.04
NY, Suffolk	0.27
NY, Tioga	0.08
NY, Tompkins	0.08
NY, Ulster	0.02
NY, Washington	0.13
NY, Wayne	0.04
NY, Westchester	0.18
NY, Wyoming	0.10
NY, Yates	0.33
NC, Alamance	0.05
NC, Ashe	0.15
NC, Beaufort	0.09
NC, Brunswick	0.04
NC, Buncombe	0.03
NC, Burke	0.05
NC, Cabarrus	0.05
NC, Carteret	0.06
NC, Catawba	0.11
NC, Clay	0.39
NC, Cleveland	0.04
NC, Columbus	0.07
NC, Craven	0.08
NC, Cumberland	0.08
NC, Currituck	0.17
NC, Dare	0.12
NC, Davie	0.10

State, County	Incidence
NC, Durham	0.06
NC, Forsyth	0.04
NC, Franklin	0.07
NC, Guilford	0.03
NC, Haywood	0.07
NC, Hertford	0.17
NC, Iredell	0.03
NC, Lenoir	0.14
NC, Lincoln	0.05
NC, Martin	0.17
NC, Mecklenburg	0.08
NC, Montgomery	0.15
NC, Nash	0.04
NC, New Hanover	0.06
NC, Onslow	0.02
NC, Pitt	0.05
NC, Rowan	0.03
NC, Scotland	0.11
NC, Union	0.02
NC, Vance	0.09
NC, Wake	0.03
NC, Watauga	0.16
NC, Wayne	0.03
NC, Wilson	0.05
ND, Adams	5.41
ND, Barnes	4.87
ND, Benson	4.36
ND, Billings	9.86
ND, Bottineau	3.21
ND, Bowman	2.65
ND, Burke	8.08
ND, Burleigh	3.40
ND, Cass	1.36
ND, Cavalier	2.11
ND, Dickey	7.93
ND, Divide	1.94
ND, Dunn	5.60
ND, Emmons	7.13
ND, Foster	4.99
ND, Golden Valley	2.37
ND, Grand Forks	0.63
ND, Grant	5.30
ND, Griggs	7.03
ND, Hettinger	3.33

State, County	Incidence
○ ND, Kidder	5.12
○ ND, La Moure	6.11
○ ND, Logan	6.34
○ ND, McHenry	5.30
○ ND, McIntosh	9.06
○ ND, McKenzie	1.78
○ ND, McLean	11.93
○ ND, Mercer	3.96
○ ND, Morton	3.31
○ ND, Mountrail	4.11
○ ND, Nelson	6.81
○ ND, Oliver	2.25
○ ND, Pierce	3.82
○ ND, Ramsey	2.17
○ ND, Ransom	3.07
○ ND, Richland	3.84
○ ND, Rolette	0.59
○ ND, Sargent	6.59
○ ND, Sheridan	3.17
○ ND, Sioux	5.90
○ ND, Stark	2.65
○ ND, Steele	6.34
○ ND, Stutsman	4.56
○ ND, Traill	1.03
○ ND, Walsh	3.40
○ ND, Ward	1.81
○ ND, Wells	3.97
○ ND, Williams	1.54
○ OH, Adams	0.29
○ OH, Allen	0.43
○ OH, Ashland	0.08
○ OH, Ashtabula	0.21
○ OH, Athens	0.13
○ OH, Auglaize	0.55
○ OH, Belmont	0.06
○ OH, Brown	0.19
○ OH, Butler	0.19
○ OH, Carroll	0.14
○ OH, Champaign	0.31
○ OH, Clark	0.82
○ OH, Clermont	0.25
○ OH, Clinton	0.30
○ OH, Columbiana	0.04
○ OH, Coshocton	0.11

State, County	Incidence
OH, Cuyahoga	0.87
OH, Darke	0.40
OH, Defiance	0.43
OH, Erie	0.22
OH, Fairfield	0.06
OH, Franklin	0.09
OH, Fulton	0.79
OH, Geauga	0.09
OH, Greene	0.03
OH, Guernsey	0.21
OH, Hamilton	0.30
OH, Hancock	0.39
OH, Hardin	0.26
OH, Henry	0.30
OH, Holmes	0.78
OH, Huron	0.14
OH, Jackson	0.25
OH, Jefferson	0.06
OH, Knox	0.20
OH, Lake	0.16
OH, Lawrence	0.07
OH, Licking	0.15
OH, Logan	0.18
OH, Lorain	0.33
OH, Lucas	0.39
OH, Madison	0.19
OH, Mahoning	0.14
OH, Marion	0.19
OH, Medina	0.10
OH, Meigs	0.18
OH, Mercer	0.61
OH, Miami	0.16
OH, Montgomery	0.18
OH, Morgan	0.28
OH, Muskingum	0.10
OH, Noble	0.28
OH, Ottawa	0.20
OH, Paulding	0.65
OH, Portage	0.10
OH, Preble	0.50
OH, Putnam	0.97
OH, Richland	0.14
OH, Ross	0.21
OH, Sandusky	0.21

State, County	Incidence
OH, Scioto	0.05
OH, Seneca	0.07
OH, Shelby	0.08
OH, Stark	0.20
OH, Summit	0.08
OH, Trumbull	0.24
OH, Tuscarawas	0.05
OH, Union	0.31
OH, Van Wert	0.15
OH, Warren	0.14
OH, Wayne	0.36
OH, Williams	0.55
OH, Wood	0.39
OH, Wyandot	0.92
OK, Beaver	3.70
OK, Beckham	0.19
OK, Blaine	1.29
OK, Bryan	0.29
OK, Caddo	0.56
OK, Canadian	0.56
OK, Carter	2.69
OK, Cherokee	0.09
OK, Choctaw	0.55
OK, Cimarron	5.05
OK, Cleveland	0.35
OK, Coal	0.70
OK, Comanche	0.63
OK, Cotton	1.35
OK, Creek	0.24
OK, Custer	0.45
OK, Delaware	0.10
OK, Ellis	2.06
OK, Garfield	0.96
OK, Garvin	0.15
OK, Grady	0.24
OK, Grant	2.74
OK, Haskell	0.65
OK, Hughes	0.30
OK, Jackson	0.63
OK, Jefferson	1.29
OK, Johnston	0.38
OK, Kay	0.36
OK, Kingfisher	1.37
OK, Kiowa	1.33

State, County	Incidence
OK, Le Flore	0.41
OK, Lincoln	0.36
OK, Logan	0.29
OK, Love	0.44
OK, McClain	0.36
OK, Mccurtain	0.13
OK, McIntosh	0.41
OK, Major	0.55
OK, Mayes	0.60
OK, Murray	0.31
OK, Muskogee	0.59
OK, Noble	1.08
OK, Nowata	0.78
OK, Okfuskee	0.68
OK, Oklahoma	0.61
OK, Okmulgee	1.05
OK, Osage	0.17
OK, Ottawa	0.65
OK, Payne	0.32
OK, Pittsburg	1.00
OK, Pontotoc	0.33
OK, Pottawatomie	0.71
OK, Pushmataha	0.73
OK, Rogers	0.24
OK, Seminole	0.66
OK, Sequoyah	0.29
OK, Stephens	0.83
OK, Texas	5.10
OK, Tillman	0.52
OK, Tulsa	0.66
OK, Wagoner	0.34
OK, Washington	0.32
OK, Washita	0.36
OK, Woods	0.47
OK, Woodward	0.83
OR, Baker	1.30
OR, Benton	0.05
OR, Clackamas	0.02
OR, Deschutes	0.05
OR, Douglas	0.04
OR, Grant	0.56
OR, Harney	2.83
OR, Jackson	0.04
OR, Jefferson	0.19

State, County	Incidence
OR, Klamath	0.06
OR, Lane	0.02
OR, Linn	0.04
OR, Malheur	2.96
OR, Marion	0.01
OR, Union	0.16
PA, Adams	0.53
PA, Allegheny	0.13
PA, Armstrong	0.06
PA, Beaver	0.10
PA, Bedford	0.17
PA, Berks	0.15
PA, Bucks	0.21
PA, Butler	0.07
PA, Cambria	0.03
PA, Cameron	0.83
PA, Carbon	0.13
PA, Centre	0.11
PA, Chester	0.15
PA, Clearfield	0.20
PA, Clinton	0.42
PA, Columbia	0.06
PA, Cumberland	0.12
PA, Dauphin	0.12
PA, Delaware	0.25
PA, Elk	0.13
PA, Erie	0.09
PA, Fayette	0.12
PA, Forest	0.54
PA, Franklin	0.63
PA, Huntingdon	0.09
PA, Jefferson	0.28
PA, Juniata	0.34
PA, Lackawanna	0.10
PA, Lancaster	0.43
PA, Lawrence	0.09
PA, Lebanon	0.28
PA, Lehigh	0.11
PA, Luzerne	0.04
PA, Lycoming	0.07
PA, Mckean	0.10
PA, Mercer	0.11
PA, Monroe	0.07
PA, Montgomery	0.16

State, County	Incidence
PA, Montour	0.23
PA, Northampton	0.06
PA, Northumberland	0.31
PA, Philadelphia	0.29
PA, Snyder	0.10
PA, Susquehanna	0.10
PA, Tioga	0.20
PA, Union	0.09
PA, Washington	0.02
PA, Westmoreland	0.07
PA, York	0.26
RI, Bristol	0.08
RI, Newport	0.05
RI, Providence	0.09
RI, Washington	0.03
SC, Aiken	0.10
SC, Anderson	0.11
SC, Barnwell	0.37
SC, Beaufort	0.03
SC, Charleston	0.08
SC, Cherokee	0.07
SC, Chester	0.13
SC, Darlington	0.18
SC, Dorchester	0.21
SC, Florence	0.12
SC, Georgetown	0.07
SC, Greenville	0.09
SC, Greenwood	0.12
SC, Horry	0.12
SC, Laurens	0.06
SC, Lexington	0.08
SC, Marion	0.13
SC, Marlboro	0.29
SC, Newberry	0.11
SC, Oconee	0.17
SC, Orangeburg	0.09
SC, Pickens	0.10
SC, Richland	0.14
SC, Spartanburg	0.03
SC, Sumter	0.12
SC, Union	0.44
SC, York	0.07
SD, Aurora	6.14
SD, Beadle	4.00

State, County	Incidence
○ SD, Bennett	3.62
○ SD, Bon Homme	4.75
○ SD, Brookings	2.98
○ SD, Brown	6.32
○ SD, Brule	6.29
○ SD, Buffalo	8.42
○ SD, Butte	4.44
○ SD, Campbell	5.85
○ SD, Charles Mix	5.44
○ SD, Clark	6.95
○ SD, Clay	2.38
○ SD, Codington	1.37
○ SD, Corson	5.16
○ SD, Custer	0.50
○ SD, Davison	4.65
○ SD, Day	5.08
○ SD, Deuel	1.91
○ SD, Dewey	13.13
○ SD, Douglas	8.42
○ SD, Edmunds	5.15
○ SD, Fall River	5.99
○ SD, Faulk	10.62
○ SD, Grant	1.13
○ SD, Haakon	6.52
○ SD, Hamlin	5.59
○ SD, Hand	7.28
○ SD, Hanson	6.17
○ SD, Harding	9.80
○ SD, Hughes	3.85
○ SD, Hutchinson	8.05
○ SD, Hyde	2.98
○ SD, Jackson	6.60
○ SD, Jerauld	6.02
○ SD, Jones	8.30
○ SD, Kingsbury	4.84
○ SD, Lake	3.60
○ SD, Lawrence	0.68
○ SD, Lincoln	1.96
○ SD, Lyman	6.57
○ SD, Mccook	4.51
○ SD, Mcpherson	6.80
○ SD, Marshall	6.30
○ SD, Meade	1.80
○ SD, Mellette	8.04

State, County	Incidence
○ SD, Miner	7.17
○ SD, Minnehaha	1.41
○ SD, Moody	1.92
○ SD, Oglala Lakota County	5.10
○ SD, Pennington	2.16
○ SD, Perkins	1.38
○ SD, Potter	10.55
○ SD, Roberts	2.43
○ SD, Sanborn	8.85
○ SD, Spink	6.98
○ SD, Stanley	4.20
○ SD, Sully	9.10
○ SD, Todd	3.81
○ SD, Tripp	4.44
○ SD, Turner	4.99
○ SD, Union	3.70
○ SD, Walworth	8.24
○ SD, Yankton	2.41
○ TN, Bedford	0.28
○ TN, Blount	0.07
○ TN, Carter	0.29
○ TN, Chester	0.24
○ TN, Cocke	0.12
○ TN, Crockett	1.14
○ TN, Cumberland	0.07
○ TN, Davidson	0.10
○ TN, Fayette	0.11
○ TN, Gibson	0.42
○ TN, Grainger	0.18
○ TN, Greene	0.24
○ TN, Hamblen	0.07
○ TN, Hamilton	0.16
○ TN, Hawkins	0.07
○ TN, Haywood	0.45
○ TN, Henderson	0.15
○ TN, Hickman	0.34
○ TN, Jefferson	0.08
○ TN, Johnson	0.23
○ TN, Knox	0.05
○ TN, Lake	0.53
○ TN, Lawrence	0.20
○ TN, Lincoln	0.12
○ TN, Madison	0.13
○ TN, Meigs	0.36

State, County	Incidence
○ TN, Monroe	0.09
○ TN, Montgomery	0.05
○ TN, Morgan	0.19
○ TN, Obion	0.13
○ TN, Putnam	0.11
○ TN, Roane	0.08
○ TN, Robertson	0.06
○ TN, Rutherford	0.11
○ TN, Sevier	0.09
○ TN, Shelby	0.60
○ TN, Sullivan	0.16
○ TN, Sumner	0.08
○ TN, Tipton	0.14
○ TN, Washington	0.13
○ TN, Weakley	0.24
○ TN, Williamson	0.02
○ TN, Wilson	0.07
○ TX, Anderson	0.29
○ TX, Andrews	4.87
○ TX, Angelina	2.63
○ TX, Armstrong	6.46
○ TX, Austin	0.29
○ TX, Bailey	5.23
○ TX, Bastrop	0.33
○ TX, Baylor	4.51
○ TX, Bee	0.13
○ TX, Bell	0.15
○ TX, Bexar	0.14
○ TX, Blanco	0.79
○ TX, Bosque	0.46
○ TX, Bowie	0.58
○ TX, Brazoria	0.23
○ TX, Brazos	0.63
○ TX, Briscoe	2.51
○ TX, Brown	0.33
○ TX, Burnet	0.19
○ TX, Caldwell	0.22
○ TX, Calhoun	0.39
○ TX, Callahan	1.23
○ TX, Cameron	0.21
○ TX, Camp	0.34
○ TX, Carson	3.34
○ TX, Cass	0.28
○ TX, Castro	4.12

State, County	Incidence
TX, Chambers	0.35
TX, Cherokee	0.41
TX, Childress	2.37
TX, Clay	1.56
TX, Cochran	4.05
TX, Coke	1.28
TX, Coleman	0.48
TX, Collin	0.42
TX, Colorado	0.60
TX, Comal	0.07
TX, Comanche	0.30
TX, Concho	3.03
TX, Cooke	1.19
TX, Coryell	0.11
TX, Crosby	6.21
TX, Dallam	1.21
TX, Dallas	0.88
TX, Dawson	2.12
TX, Deaf Smith	2.78
TX, Denton	0.69
TX, De Witt	0.21
TX, Dickens	1.73
TX, Dimmit	0.41
TX, Donley	3.39
TX, Eastland	0.45
TX, Ector	0.63
TX, Ellis	0.68
TX, El Paso	1.48
TX, Erath	0.21
TX, Falls	0.47
TX, Fannin	0.12
TX, Fayette	0.17
TX, Floyd	7.85
TX, Foard	6.13
TX, Fort Bend	0.15
TX, Franklin	0.79
TX, Freestone	1.28
TX, Frio	0.24
TX, Gaines	0.47
TX, Galveston	0.30
TX, Garza	0.64
TX, Glasscock	10.10
TX, Gonzales	0.21
TX, Gray	1.29

State, County	Incidence
TX, Grayson	0.41
TX, Gregg	1.15
TX, Grimes	0.94
TX, Guadalupe	0.15
TX, Hale	2.98
TX, Hall	2.52
TX, Hansford	3.73
TX, Hardeman	1.00
TX, Hardin	0.23
TX, Harris	0.58
TX, Harrison	0.31
TX, Haskell	2.10
TX, Hays	0.15
TX, Hemphill	1.05
TX, Henderson	0.48
TX, Hidalgo	0.18
TX, Hill	0.36
TX, Hockley	2.55
TX, Hood	0.65
TX, Hopkins	0.71
TX, Houston	0.18
TX, Howard	0.60
TX, Hudspeth	2.44
TX, Hunt	1.11
TX, Hutchinson	1.32
TX, Irion	2.60
TX, Jack	0.46
TX, Jackson	0.59
TX, Jasper	0.12
TX, Jeff Davis	1.83
TX, Jefferson	0.87
TX, Jim Wells	0.20
TX, Johnson	0.66
TX, Jones	0.62
TX, Karnes	0.28
TX, Kaufman	0.51
TX, Kendall	0.12
TX, King	16.15
TX, Kleberg	0.26
TX, Knox	3.36
TX, Lamar	0.58
TX, Lamb	2.67
TX, Lavaca	0.22
TX, Leon	0.25

State, County	Incidence
TX, Liberty	0.77
TX, Limestone	0.71
TX, Lipscomb	1.25
TX, Lubbock	1.47
TX, Lynn	0.71
TX, McLennan	0.81
TX, Martin	1.71
TX, Matagorda	0.11
TX, Maverick	0.08
TX, Midland	0.59
TX, Milam	0.51
TX, Mitchell	0.44
TX, Montague	0.21
TX, Montgomery	1.10
TX, Moore	1.51
TX, Motley	6.94
TX, Nacogdoches	0.32
TX, Navarro	0.95
TX, Newton	0.86
TX, Nolan	0.28
TX, Nueces	0.46
TX, Ochiltree	0.80
TX, Oldham	6.03
TX, Orange	1.16
TX, Palo Pinto	0.59
TX, Panola	1.21
TX, Parker	0.39
TX, Parmer	2.84
TX, Pecos	0.53
TX, Polk	0.46
TX, Potter	0.89
TX, Presidio	0.54
TX, Rains	0.76
TX, Randall	2.26
TX, Red River	0.66
TX, Reeves	0.30
TX, Roberts	9.04
TX, Robertson	0.50
TX, Rockwall	0.15
TX, Runnels	1.59
TX, Rusk	1.17
TX, San Jacinto	0.16
TX, San Patricio	0.45
TX, Schleicher	1.26

State, County	Incidence
○ TX, Scurry	0.74
○ TX, Shackelford	1.25
○ TX, Shelby	0.16
○ TX, Sherman	5.53
○ TX, Smith	0.69
○ TX, Starr	0.20
○ TX, Stephens	1.31
○ TX, Sterling	7.12
○ TX, Stonewall	2.85
○ TX, Swisher	3.74
○ TX, Tarrant	0.75
○ TX, Taylor	0.50
○ TX, Terry	0.66
○ TX, Titus	0.90
○ TX, Tom Green	0.45
○ TX, Travis	0.40
○ TX, Trinity	0.85
○ TX, Tyler	0.19
○ TX, Upshur	0.31
○ TX, Uvalde	0.63
○ TX, Val Verde	0.17
○ TX, Van Zandt	0.71
○ TX, Victoria	0.19
○ TX, Walker	0.55
○ TX, Waller	0.76
○ TX, Washington	0.37
○ TX, Webb	0.15
○ TX, Wharton	0.91
○ TX, Wheeler	2.29
○ TX, Wichita	0.45
○ TX, Willacy	0.56
○ TX, Williamson	0.20
○ TX, Wilson	0.10
○ TX, Wise	0.35
○ TX, Wood	0.30
○ TX, Yoakum	0.52
○ TX, Young	0.68
○ TX, Zavala	1.05
○ UT, Box Elder	0.58
○ UT, Cache	0.29
○ UT, Carbon	0.20
○ UT, Davis	0.31
○ UT, Duchesne	0.89
○ UT, Grand	0.90

State, County	Incidence
○ UT, Millard	0.33
○ UT, Salt Lake	0.37
○ UT, San Juan	0.84
○ UT, Sevier	0.20
○ UT, Tooele	0.28
○ UT, Uintah	1.75
○ UT, Utah	0.31
○ UT, Washington	0.32
○ UT, Weber	0.30
○ VT, Addison	0.23
○ VT, Bennington	0.11
○ VT, Chittenden	0.05
○ VT, Franklin	0.09
○ VT, Grand Isle	0.60
○ VT, Windsor	0.15
○ VA, Accomack	0.13
○ VA, Albemarle	0.04
○ VA, Arlington	0.17
○ VA, Augusta	0.17
○ VA, Bedford	0.06
○ VA, Botetourt	0.13
○ VA, Campbell	0.08
○ VA, Chesterfield	0.04
○ VA, Culpeper	0.09
○ VA, Fairfax	0.15
○ VA, Frederick	0.16
○ VA, Gloucester	0.11
○ VA, Greene	0.45
○ VA, Hanover	0.08
○ VA, Henrico	0.07
○ VA, Isle Of Wight	0.12
○ VA, Loudoun	0.08
○ VA, Madison	0.32
○ VA, Mathews	0.47
○ VA, Mecklenburg	0.13
○ VA, Northumberland	0.33
○ VA, Powhatan	0.15
○ VA, Prince Edward	0.19
○ VA, Prince George	0.11
○ VA, Prince William	0.08
○ VA, Roanoke	0.13
○ VA, Rockingham	0.54
○ VA, Shenandoah	0.10
○ VA, Spotsylvania	0.03

State, County	Incidence
○ VA, Warren	0.22
○ VA, Alexandria City	0.26
○ VA, Chesapeake City	0.06
○ VA, Colonial Heights Cit	0.24
○ VA, Fredericksburg City	0.16
○ VA, Hampton City	0.06
○ VA, Harrisonburg City	0.08
○ VA, Lynchburg City	0.05
○ VA, Manassas Park City	0.28
○ VA, Newport News City	0.07
○ VA, Norfolk City	0.15
○ VA, Portsmouth City	0.13
○ VA, Richmond City	0.20
○ VA, Roanoke City	0.30
○ VA, Virginia Beach City	0.04
○ VA, Waynesboro City	0.20
○ VA, Winchester City	0.63
○ WA, Benton	0.46
○ WA, Clallam	0.06
○ WA, Clark	0.02
○ WA, Franklin	0.10
○ WA, Grant	0.05
○ WA, Grays Harbor	0.06
○ WA, King	0.01
○ WA, Klickitat	0.40
○ WA, Okanogan	0.10
○ WA, Pierce	0.01
○ WA, Snohomish	0.01
○ WA, Spokane	0.11
○ WA, Thurston	0.02
○ WA, Walla Walla	0.21
○ WA, Whatcom	0.02
○ WA, Whitman	0.18
○ WA, Yakima	0.37
○ WV, Berkeley	0.12
○ WV, Cabell	0.04
○ WV, Hardy	0.30
○ WV, Kanawha	0.04
○ WV, Monongalia	0.04
○ WV, Monroe	0.31
○ WV, Morgan	0.24
○ WV, Putnam	0.07
○ WV, Tyler	0.46
○ WV, Webster	0.46

State, County	Incidence
○ WV, Wood	0.14
○ WV, Wyoming	0.18
○ WI, Adams	0.20
○ WI, Barron	0.27
○ WI, Bayfield	0.28
○ WI, Brown	0.18
○ WI, Buffalo	0.62
○ WI, Calumet	0.17
○ WI, Chippewa	0.13
○ WI, Crawford	0.25
○ WI, Dane	0.29
○ WI, Dodge	0.28
○ WI, Douglas	0.09
○ WI, Eau Claire	0.13
○ WI, Fond Du Lac	0.16
○ WI, Grant	0.24
○ WI, Green	0.23
○ WI, Iowa	0.35
○ WI, Jefferson	0.35
○ WI, Juneau	0.16
○ WI, Kenosha	0.12
○ WI, Kewaunee	0.20
○ WI, La Crosse	0.22
○ WI, Lafayette	0.49
○ WI, Langlade	0.21
○ WI, Lincoln	0.15
○ WI, Manitowoc	0.15
○ WI, Marathon	0.09
○ WI, Marinette	0.10
○ WI, Marquette	0.27
○ WI, Milwaukee	0.27
○ WI, Monroe	0.18
○ WI, Oconto	0.33
○ WI, Oneida	0.12
○ WI, Outagamie	0.16
○ WI, Ozaukee	0.10
○ WI, Portage	0.12
○ WI, Price	0.30
○ WI, Racine	0.09
○ WI, Rock	0.21
○ WI, St Croix	0.05
○ WI, Sauk	0.07
○ WI, Sawyer	0.50
○ WI, Shawano	0.40

State, County	Incidence
WI, Sheboygan	0.07
WI, Trempealeau	0.43
WI, Vilas	0.19
WI, Walworth	0.37
WI, Waukesha	0.17
WI, Wood	0.22
WY, Albany	0.23
WY, Big Horn	1.07
WY, Campbell	2.24
WY, Carbon	0.53
WY, Converse	2.43
WY, Crook	2.34
WY, Fremont	3.39
WY, Goshen	9.82
WY, Hot Springs	3.47
WY, Johnson	2.41
WY, Laramie	0.45
WY, Natrona	0.87
WY, Niobrara	1.68
WY, Park	1.02
WY, Platte	7.67
WY, Sheridan	1.00
WY, Teton	0.19
WY, Uinta	0.40
WY, Washakie	2.47
WY, Weston	2.33
PR, San Juan	0.01

## Explore Human Data for 1999-2022

*Please note – users may experience slow load times after selecting filters. Please allow the visualizations to fully load after selecting filters, which will be indicated by an updated visual title. The 'Type of case' selection option 'All disease cases' includes all reported neuroinvasive and non-neuroinvasive disease cases.*

Year	Type of case
1999-2022 ▾	All disease cases ▾

Human Disease Cases

**56,569**

Cases from year(s) and type of case selected above

Hospitalizations

**25,769**

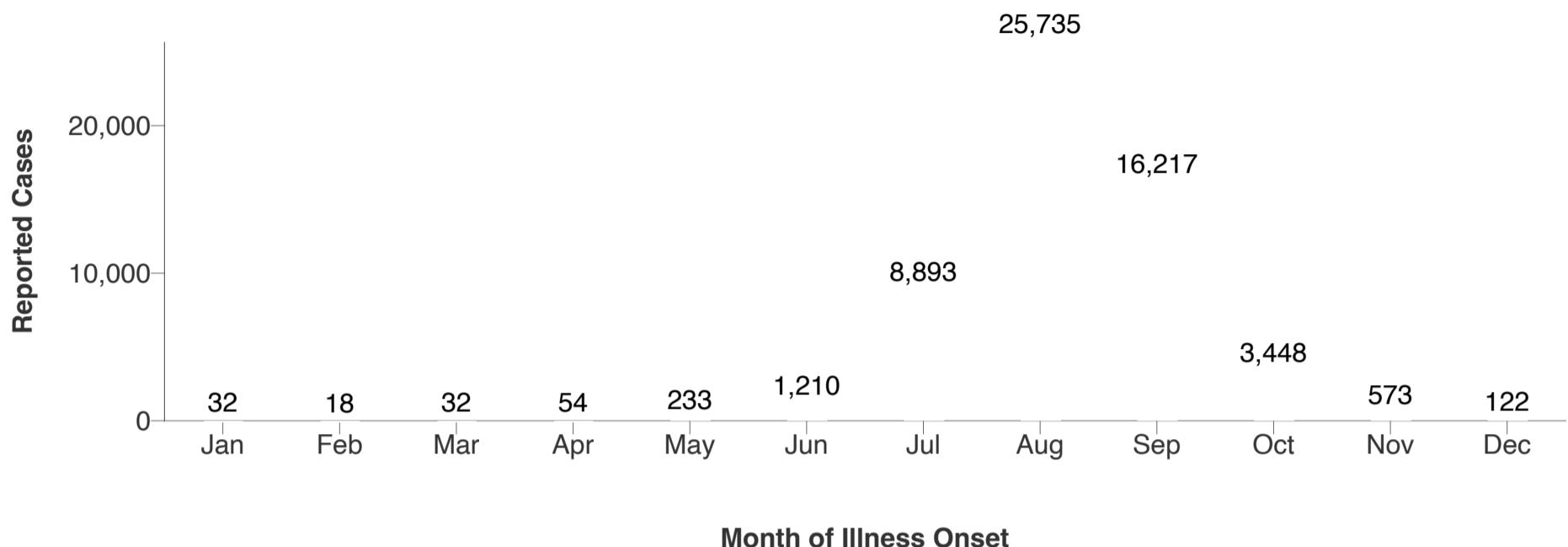
Hospitalizations from year(s) and type of case selected above

Deaths

**2,773**

Deaths from year(s) and type of case selected above

West Nile virus human disease cases reported by month of illness onset, 1999-2022, All disease cases

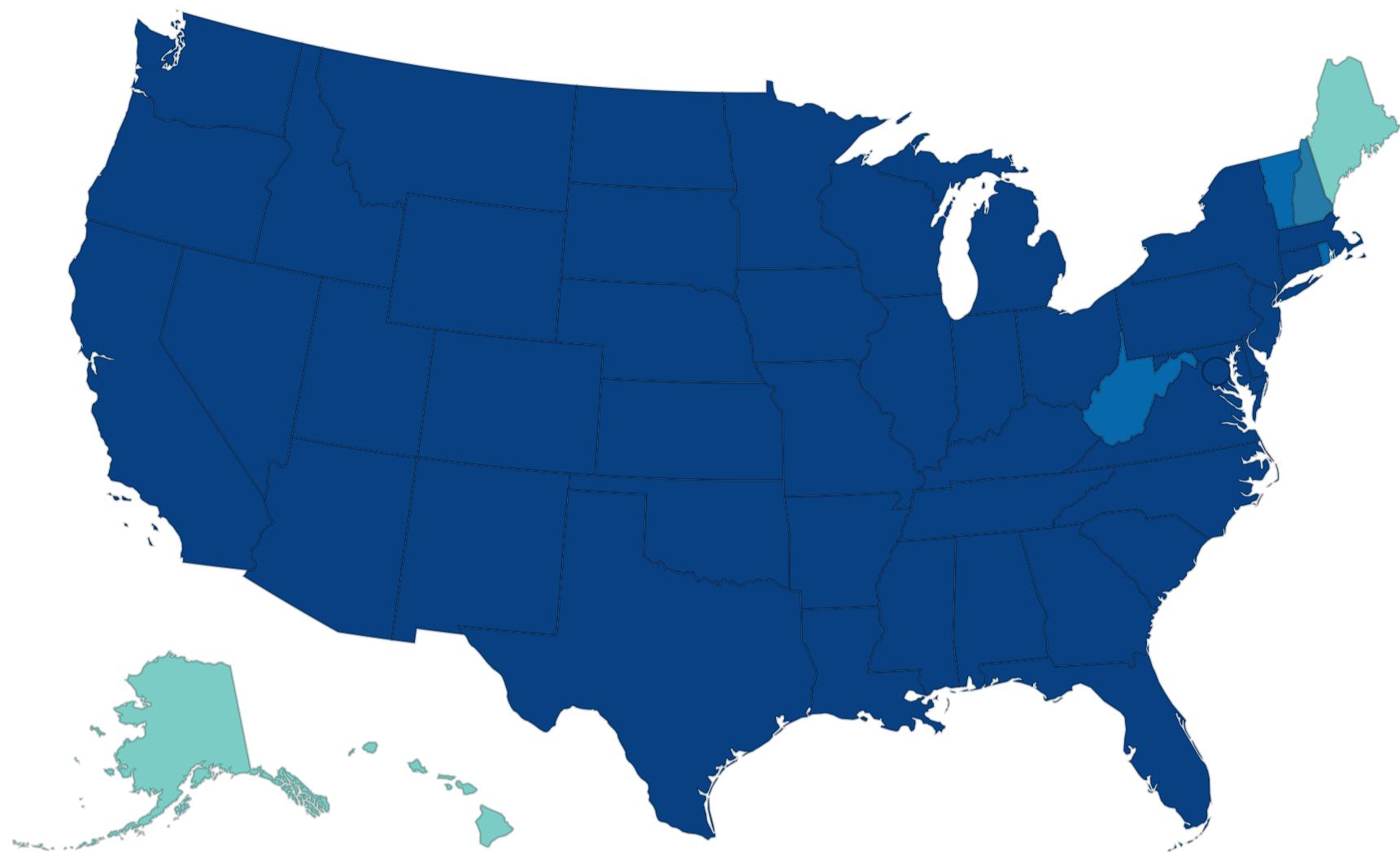


[Download Data \(CSV\)](#)

Data Table - West Nile virus human disease cases reported by month of illness onset from year(s) and type of case selected above

Month	Reported Cases
Jan	32
Feb	18
Mar	32
Apr	54
May	233
Jun	1,210
Jul	8,893
Aug	25,735
Sep	16,217
Oct	3,448
Nov	573
Dec	122

West Nile virus human disease cases reported by state of residence, 1999-2022, All disease cases



Territories

PR

- 1 to 6    7 to 16    17 to 49    >50

[Download Data \(CSV\)](#)

Data Table - West Nile virus human disease cases reported by state of residence from year(s) and type of case selected above

State	Reported Cases
<input type="radio"/> Alaska	3
<input type="radio"/> Alabama	391
<input type="radio"/> Arkansas	365
<input type="radio"/> Arizona	3707
<input type="radio"/> California	7597
<input type="radio"/> Colorado	6063
<input type="radio"/> Connecticut	180
<input type="radio"/> Delaware	56
<input type="radio"/> District Of Columbia	132
<input type="radio"/> Florida	469
<input type="radio"/> Georgia	518
<input type="radio"/> Hawaii	1
<input type="radio"/> Iowa	637
<input type="radio"/> Idaho	1403
<input type="radio"/> Illinois	2800
<input type="radio"/> Indiana	747
<input type="radio"/> Kansas	716
<input type="radio"/> Kentucky	202
<input type="radio"/> Louisiana	1930
<input type="radio"/> Massachusetts	237

State	Reported Cases
○ Maryland	407
○ Maine	5
○ Michigan	1409
○ Minnesota	883
○ Missouri	645
○ Mississippi	1463
○ Montana	624
○ North Carolina	103
○ North Dakota	1980
○ Nebraska	4186
○ New Hampshire	8
○ New Jersey	380
○ New Mexico	705
○ Nevada	429
○ New York	1126
○ Ohio	1069
○ Oklahoma	852
○ Oregon	200
○ Pennsylvania	768
○ Puerto Rico	1
○ Rhode Island	25
○ South Carolina	132
○ South Dakota	2751
○ Tennessee	340
○ Texas	5901
○ Utah	489
○ Virginia	243
○ Vermont	17
○ Washington	127
○ Wisconsin	357
○ West Virginia	24
○ Wyoming	766

## Explore County Level Data for 1999-2022

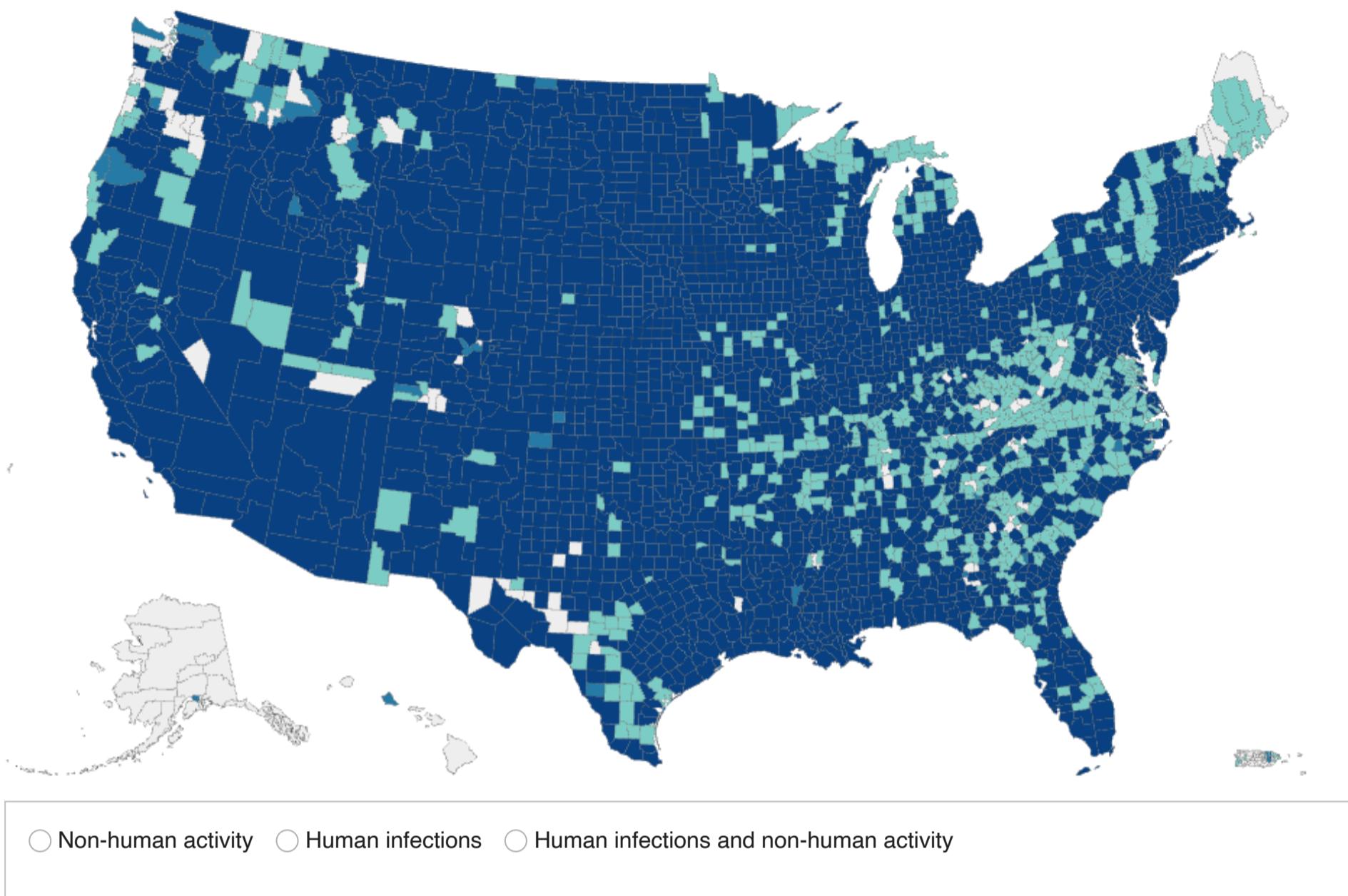
*Please note – users may experience slow load times after selecting filters or navigating to a new tab. Please allow the visualizations to fully load after making a selection.*

Cumulative Data (1999-2022)

Yearly Data

## West Nile virus human and non-human activity by county, 1999-2022\*

View the total number of human infections reported by county by hovering over the shaded counties below



\*For 2022 preliminary data, Maryland reports state level data only; South Carolina reports state level data only for human infections

### About this map:

**Non-human activity:** Indicates that veterinary disease cases or infections in mosquitoes, birds, or sentinel animals have been reported to CDC.

**Human infections:** Indicates that human disease cases or infections in blood donors have been reported to CDC.

**Human infections and non-human activity:** Indicates that both human infections and non-human infections have been reported to CDC.

[Download Data \(CSV\)](#)

Data Table - West Nile virus human and non-human activity by county, 1999-2022\*

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
AL, Autauga	Human infections and non-human activity	10	7	
AL, Baldwin	Human infections and non-human activity	28	18	7
AL, Barbour	Human infections and non-human activity	2	1	
AL, Bibb	Human infections and non-human activity	3	2	
AL, Blount	Human infections and non-human activity	1		
AL, Bullock	Human infections and non-human activity	1	1	
AL, Butler	Human infections and non-human activity	2	1	1
AL, Calhoun	Human infections and non-human activity	5	3	
AL, Chambers	Human infections and non-human activity	2	2	1
AL, Cherokee	Non-human activity			
AL, Chilton	Human infections and non-human activity	3	3	
AL, Choctaw	Non-human activity			
AL, Clarke	Non-human activity			
AL, Clay	Non-human activity			
AL, Cleburne	Human infections and non-human activity	1	1	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ AL, Coffee	Human infections an...	5	2	
○ AL, Colbert	Human infections an...	2	1	
○ AL, Conecuh	Human infections an...	1	1	
○ AL, Coosa	Non-human activity			
○ AL, Covington	Human infections an...	1	1	
○ AL, Crenshaw	Human infections an...	1	1	
○ AL, Cullman	Human infections an...	3	1	1
○ AL, Dale	Human infections an...	5	2	1
○ AL, Dallas	Human infections an...	9	4	
○ AL, De Kalb	Non-human activity			
○ AL, Elmore	Human infections an...	5	3	1
○ AL, Escambia	Human infections an...	3	1	1
○ AL, Etowah	Human infections an...	4	2	2
○ AL, Fayette	Human infections an...	1	1	1
○ AL, Franklin	Human infections an...	1	1	
○ AL, Geneva	Human infections an...	9	3	
○ AL, Greene	Non-human activity			
○ AL, Hale	Non-human activity			
○ AL, Henry	Human infections an...	1	1	
○ AL, Houston	Human infections an...	11	7	2
○ AL, Jackson	Human infections an...	1	1	
○ AL, Jefferson	Human infections an...	58	43	3
○ AL, Lamar	Non-human activity			
○ AL, Lauderdale	Human infections an...	1	1	
○ AL, Lawrence	Non-human activity			
○ AL, Lee	Human infections an...	2	1	2
○ AL, Limestone	Human infections an...	3	1	
○ AL, Lowndes	Non-human activity			
○ AL, Macon	Non-human activity			
○ AL, Madison	Human infections an...	8	6	5
○ AL, Marengo	Human infections an...	3	1	1
○ AL, Marion	Human infections an...	1	1	
○ AL, Marshall	Human infections an...	3	1	
○ AL, Mobile	Human infections an...	73	53	8
○ AL, Monroe	Human infections an...	2	1	
○ AL, Montgomery	Human infections an...	59	42	10
○ AL, Morgan	Human infections an...	4	3	
○ AL, Perry	Human infections an...	1		
○ AL, Pickens	Human infections an...	2	1	
○ AL, Pike	Human infections an...			1
○ AL, Randolph	Non-human activity			
○ AL, Russell	Human infections an...	2	1	
○ AL, St Clair	Non-human activity			
○ AL, Shelby	Human infections an...	8	8	1

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ AL, Sumter	Human infections an...	2	1	
○ AL, Talladega	Human infections an...	4	3	
○ AL, Tallapoosa	Non-human activity			
○ AL, Tuscaloosa	Human infections an...	30	20	1
○ AL, Walker	Non-human activity			
○ AL, Washington	Human infections an...	1		1
○ AL, Wilcox	Human infections an...	2	2	
○ AL, Winston	Human infections an...	1	1	
○ AK, Anchorage M...	Human infections	1	1	
○ AZ, Apache	Human infections an...	14	10	
○ AZ, Cochise	Human infections an...	9	5	3
○ AZ, Coconino	Human infections an...	9	5	1
○ AZ, Gila	Human infections an...	24	15	2
○ AZ, Graham	Human infections an...	29	17	5
○ AZ, Greenlee	Human infections an...	1	1	
○ AZ, La Paz	Human infections an...	7	6	
○ AZ, Maricopa	Human infections an...	3006	1920	310
○ AZ, Mohave	Human infections an...	17	11	2
○ AZ, Navajo	Human infections an...	10	7	1
○ AZ, Pima	Human infections an...	334	229	65
○ AZ, Pinal	Human infections an...	224	164	20
○ AZ, Santa Cruz	Human infections an...	4	1	
○ AZ, Yavapai	Human infections an...	11	7	
○ AZ, Yuma	Human infections an...	8	6	1
○ AR, Arkansas	Human infections an...	4	4	
○ AR, Ashley	Human infections an...	4	2	
○ AR, Baxter	Non-human activity			
○ AR, Benton	Human infections an...	9	7	1
○ AR, Boone	Human infections an...	2	1	
○ AR, Bradley	Human infections an...	18	14	
○ AR, Calhoun	Non-human activity			
○ AR, Carroll	Human infections an...	1	1	
○ AR, Chicot	Human infections an...	1	1	
○ AR, Clark	Human infections an...	5	2	
○ AR, Clay	Human infections an...	1	1	
○ AR, Cleburne	Human infections an...	2	2	
○ AR, Cleveland	Human infections an...	1	1	
○ AR, Columbia	Human infections an...	11	10	
○ AR, Conway	Human infections an...	2	2	
○ AR, Craighead	Human infections an...	5	3	
○ AR, Crawford	Human infections an...	6	4	3
○ AR, Crittenden	Human infections an...	12	10	
○ AR, Cross	Non-human activity			
○ AR, Dallas	Human infections an...	1		

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ AR, Desha	Human infections an...	5	3	
○ AR, Drew	Human infections an...	11	8	
○ AR, Faulkner	Human infections an...	2	2	1
○ AR, Franklin	Non-human activity			
○ AR, Fulton	Non-human activity			
○ AR, Garland	Human infections an...	7	4	
○ AR, Grant	Human infections an...			1
○ AR, Greene	Human infections an...	1		
○ AR, Hempstead	Human infections an...	4	2	
○ AR, Hot Spring	Non-human activity			
○ AR, Howard	Human infections an...			1
○ AR, Independence	Human infections an...	4	4	
○ AR, Izard	Human infections an...	1	1	
○ AR, Jackson	Non-human activity			
○ AR, Jefferson	Human infections an...	49	38	
○ AR, Johnson	Human infections an...	1	1	
○ AR, Lafayette	Human infections an...	1	1	
○ AR, Lawrence	Human infections an...	2	2	
○ AR, Lee	Non-human activity			
○ AR, Lincoln	Human infections an...	4	3	1
○ AR, Little River	Human infections an...	3	2	
○ AR, Logan	Human infections an...	2	1	
○ AR, Lonoke	Human infections an...	7	5	
○ AR, Madison	Human infections an...	1		
○ AR, Marion	Human infections an...	2	1	
○ AR, Miller	Human infections an...	14	11	
○ AR, Mississippi	Human infections an...	2	1	
○ AR, Monroe	Non-human activity			
○ AR, Montgomery	Non-human activity			
○ AR, Nevada	Human infections an...	2	1	
○ AR, Newton	Non-human activity			
○ AR, Ouachita	Human infections an...	4	3	
○ AR, Perry	Non-human activity			
○ AR, Phillips	Human infections an...	3	3	
○ AR, Pike	Non-human activity			
○ AR, Poinsett	Non-human activity			
○ AR, Polk	Non-human activity			
○ AR, Pope	Human infections an...	5	2	1
○ AR, Prairie	Non-human activity			
○ AR, Pulaski	Human infections an...	55	47	3
○ AR, Randolph	Human infections an...	1	1	
○ AR, St Francis	Human infections an...	1	1	
○ AR, Saline	Human infections an...	11	5	3
○ AR, Scott	Human infections an...	3	2	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ AR, Searcy	Human infections an...	1	1	
○ AR, Sebastian	Human infections an...	20	17	2
○ AR, Sevier	Human infections an...	1	1	
○ AR, Sharp	Human infections an...	2		
○ AR, Stone	Human infections an...			1
○ AR, Union	Human infections an...	30	18	
○ AR, Van Buren	Non-human activity			
○ AR, Washington	Human infections an...	12	10	
○ AR, White	Human infections an...	5	5	1
○ AR, Woodruff	Non-human activity			
○ AR, Yell	Human infections an...	1	1	1
○ CA, Alameda	Human infections an...	10	8	1
○ CA, Alpine	Non-human activity			
○ CA, Amador	Human infections an...	7	4	2
○ CA, Butte	Human infections an...	263	103	23
○ CA, Calaveras	Human infections an...	3	2	1
○ CA, Colusa	Human infections an...	22	5	
○ CA, Contra Costa	Human infections an...	72	50	9
○ CA, Del Norte	Non-human activity			
○ CA, El Dorado	Human infections an...	10	5	2
○ CA, Fresno	Human infections an...	375	172	71
○ CA, Glenn	Human infections an...	96	26	5
○ CA, Humboldt	Human infections an...	2	2	2
○ CA, Imperial	Human infections an...	17	10	3
○ CA, Inyo	Human infections an...	4	1	
○ CA, Kern	Human infections an...	567	252	58
○ CA, Kings	Human infections an...	88	30	9
○ CA, Lake	Human infections an...	11	4	1
○ CA, Lassen	Human infections an...	1	1	
○ CA, Los Angeles	Human infections an...	2155	1546	224
○ CA, Madera	Human infections an...	70	41	12
○ CA, Marin	Human infections an...	4	3	2
○ CA, Mariposa	Non-human activity			
○ CA, Mendocino	Human infections an...	5	5	
○ CA, Merced	Human infections an...	103	56	16
○ CA, Modoc	Human infections an...	2	2	
○ CA, Mono	Human infections an...	1	1	
○ CA, Monterey	Human infections an...	4	3	
○ CA, Napa	Human infections an...	4	2	1
○ CA, Nevada	Human infections an...	8	4	
○ CA, Orange	Human infections an...	694	501	72
○ CA, Placer	Human infections an...	105	53	15
○ CA, Plumas	Human infections an...	1	1	
○ CA, Riverside	Human infections an...	585	371	52

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ CA, Sacramento	Human infections an...	356	168	37
○ CA, San Benito	Human infections an...			1
○ CA, San Bernardi...	Human infections an...	484	279	76
○ CA, San Diego	Human infections an...	146	108	15
○ CA, San Francisco	Human infections an...	7	6	2
○ CA, San Joaquin	Human infections an...	182	95	31
○ CA, San Luis Obi...	Human infections an...	6	3	1
○ CA, San Mateo	Human infections an...	3	3	
○ CA, Santa Barbara	Human infections an...	7	5	1
○ CA, Santa Clara	Human infections an...	44	25	5
○ CA, Santa Cruz	Human infections an...	2	2	
○ CA, Shasta	Human infections an...	36	22	4
○ CA, Sierra	Non-human activity			
○ CA, Siskiyou	Human infections an...	1	1	
○ CA, Solano	Human infections an...	36	22	1
○ CA, Sonoma	Human infections an...	3	3	
○ CA, Stanislaus	Human infections an...	398	208	50
○ CA, Sutter	Human infections an...	71	25	10
○ CA, Tehama	Human infections an...	61	26	5
○ CA, Trinity	Non-human activity			
○ CA, Tulare	Human infections an...	237	159	34
○ CA, Tuolumne	Human infections an...	2	1	
○ CA, Ventura	Human infections an...	36	23	1
○ CA, Yolo	Human infections an...	127	49	15
○ CA, Yuba	Human infections an...	63	30	6
○ CO, Adams	Human infections an...	434	165	24
○ CO, Alamosa	Human infections an...	5	1	1
○ CO, Arapahoe	Human infections an...	233	89	20
○ CO, Archuleta	Human infections an...	5	2	
○ CO, Baca	Human infections an...	10	3	
○ CO, Bent	Human infections an...	23	7	
○ CO, Boulder	Human infections an...	832	152	32
○ CO, Chaffee	Human infections an...	8	3	1
○ CO, Cheyenne	Human infections an...	10	4	
○ CO, Clear Creek	Human infections	3	2	
○ CO, Conejos	Human infections an...	1		
○ CO, Costilla	Human infections an...	2	2	
○ CO, Crowley	Human infections an...	11	7	
○ CO, Custer	Human infections an...	1		
○ CO, Delta	Human infections an...	213	59	7
○ CO, Denver	Human infections an...	313	140	15
○ CO, Dolores	Non-human activity			
○ CO, Douglas	Human infections an...	65	22	7
○ CO, Eagle	Human infections an...	5	2	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ CO, Elbert	Human infections an...	14	5	
○ CO, El Paso	Human infections an...	140	40	2
○ CO, Fremont	Human infections an...	114	20	2
○ CO, Garfield	Human infections an...	17	3	
○ CO, Grand	Human infections an...	3	1	
○ CO, Gunnison	Human infections an...	2		
○ CO, Huerfano	Human infections an...	14	4	
○ CO, Jefferson	Human infections an...	286	92	19
○ CO, Kiowa	Human infections an...	3		
○ CO, Kit Carson	Human infections an...	10	1	
○ CO, La Plata	Human infections an...	63	18	6
○ CO, Larimer	Human infections an...	1012	155	31
○ CO, Las Animas	Human infections an...	11	5	1
○ CO, Lincoln	Human infections an...	12	5	1
○ CO, Logan	Human infections an...	135	27	7
○ CO, Mesa	Human infections an...	289	77	39
○ CO, Moffat	Human infections an...	3		
○ CO, Montezuma	Human infections an...	24	10	2
○ CO, Montrose	Human infections an...	128	62	3
○ CO, Morgan	Human infections an...	119	23	4
○ CO, Otero	Human infections an...	63	16	3
○ CO, Ouray	Non-human activity			
○ CO, Park	Human infections an...	2		
○ CO, Phillips	Human infections an...	39	2	
○ CO, Pitkin	Human infections an...	1		
○ CO, Prowers	Human infections an...	87	12	2
○ CO, Pueblo	Human infections an...	251	73	11
○ CO, Rio Blanco	Human infections an...	5	3	
○ CO, Rio Grande	Human infections an...	4	1	
○ CO, Routt	Non-human activity			
○ CO, Saguache	Human infections an...	3		
○ CO, San Miguel	Human infections	2	2	
○ CO, Sedgwick	Human infections an...	27	3	1
○ CO, Summit	Human infections	4		
○ CO, Teller	Human infections an...	1	1	
○ CO, Washington	Human infections an...	19	7	2
○ CO, Weld	Human infections an...	855	268	35
○ CO, Yuma	Human infections an...	29	5	3
○ CT, Fairfield	Human infections an...	97	64	6
○ CT, Hartford	Human infections an...	26	18	2
○ CT, Litchfield	Human infections an...	3	3	2
○ CT, Middlesex	Human infections an...	7	6	
○ CT, New Haven	Human infections an...	41	29	1
○ CT, New London	Human infections an...	3	2	1

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ CT, Tolland	Human infections an...	1	1	1
○ CT, Windham	Human infections an...	1	1	
○ DE, Kent	Human infections an...	20	9	3
○ DE, New Castle	Human infections an...	29	19	3
○ DE, Sussex	Human infections an...	7	4	
○ DC, Washington	Human infections an...	132	75	1
○ FL, Alachua	Human infections an...	4	3	
○ FL, Baker	Non-human activity			
○ FL, Bay	Human infections an...	25	18	3
○ FL, Bradford	Non-human activity			
○ FL, Brevard	Human infections an...	7	4	2
○ FL, Broward	Human infections an...	15	10	1
○ FL, Calhoun	Human infections an...	2	2	
○ FL, Charlotte	Human infections an...	2	1	1
○ FL, Citrus	Human infections an...	3	2	
○ FL, Clay	Human infections an...	6	5	
○ FL, Collier	Human infections an...	15	15	
○ FL, Columbia	Human infections an...			1
○ FL, De Soto	Human infections an...	2	1	
○ FL, Dixie	Non-human activity			
○ FL, Duval	Human infections an...	84	66	9
○ FL, Escambia	Human infections an...	51	42	4
○ FL, Flagler	Non-human activity			
○ FL, Franklin	Human infections an...	1		
○ FL, Gadsden	Human infections an...	3	3	1
○ FL, Gilchrist	Non-human activity			
○ FL, Glades	Non-human activity			
○ FL, Gulf	Human infections an...	4	3	1
○ FL, Hamilton	Non-human activity			
○ FL, Hardee	Non-human activity			
○ FL, Hendry	Human infections an...	1	1	
○ FL, Hernando	Non-human activity			
○ FL, Highlands	Human infections an...	1	1	
○ FL, Hillsborough	Human infections an...	9	9	3
○ FL, Holmes	Human infections an...	5	4	
○ FL, Indian River	Non-human activity			
○ FL, Jackson	Human infections an...	2	1	
○ FL, Jefferson	Human infections an...	1	1	
○ FL, Lafayette	Human infections an...	2	1	
○ FL, Lake	Human infections an...	1	1	
○ FL, Lee	Human infections an...	7	5	1
○ FL, Leon	Human infections an...	10	9	
○ FL, Levy	Non-human activity			
○ FL, Liberty	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ FL, Madison	Human infections an...	2	2	
○ FL, Manatee	Human infections an...	3	3	2
○ FL, Marion	Human infections an...	9	8	
○ FL, Martin	Human infections an...	1	1	
○ FL, Miami-Dade	Human infections an...	58	49	39
○ FL, Monroe	Human infections an...	4	4	
○ FL, Nassau	Human infections an...	6	3	1
○ FL, Okaloosa	Human infections an...	13	9	1
○ FL, Okeechobee	Non-human activity			
○ FL, Orange	Human infections an...	4	4	
○ FL, Osceola	Human infections an...	1	1	
○ FL, Palm Beach	Human infections an...	11	9	1
○ FL, Pasco	Human infections an...	2	2	
○ FL, Pinellas	Human infections an...	20	9	1
○ FL, Polk	Human infections an...	3	1	1
○ FL, Putnam	Human infections an...	2	1	1
○ FL, St Johns	Human infections an...	3	3	1
○ FL, St Lucie	Non-human activity			
○ FL, Santa Rosa	Human infections an...	19	11	2
○ FL, Sarasota	Human infections an...	9	7	
○ FL, Seminole	Human infections an...	2		
○ FL, Sumter	Human infections an...	3	3	
○ FL, Suwannee	Human infections an...	4	4	2
○ FL, Taylor	Human infections an...	2	2	
○ FL, Union	Human infections an...	1	1	
○ FL, Volusia	Human infections an...	10	10	
○ FL, Wakulla	Human infections an...	1	1	
○ FL, Walton	Human infections an...	7	3	1
○ FL, Washington	Human infections an...	5	5	
○ GA, Appling	Human infections an...	1		
○ GA, Atkinson	Non-human activity			
○ GA, Bacon	Human infections an...	1	1	
○ GA, Baker	Non-human activity			
○ GA, Baldwin	Non-human activity			
○ GA, Banks	Non-human activity			
○ GA, Barrow	Non-human activity			
○ GA, Bartow	Human infections an...	2	1	
○ GA, Ben Hill	Human infections an...	3	3	
○ GA, Berrien	Non-human activity			
○ GA, Bibb	Human infections an...	12	11	3
○ GA, Bleckley	Non-human activity			
○ GA, Brantley	Human infections an...	5	2	
○ GA, Brooks	Non-human activity			
○ GA, Bryan	Human infections an...	4	2	1

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ GA, Bulloch	Human infections an...	3	2	
○ GA, Burke	Human infections an...	1	1	
○ GA, Butts	Human infections an...	1		
○ GA, Camden	Human infections an...	1		1
○ GA, Candler	Human infections an...	1		2
○ GA, Carroll	Human infections an...	1		2
○ GA, Catoosa	Human infections an...	3	3	
○ GA, Charlton	Non-human activity			
○ GA, Chatham	Human infections an...	26	20	8
○ GA, Chattahoochee	Non-human activity			
○ GA, Chattooga	Non-human activity			
○ GA, Cherokee	Human infections an...	4	3	2
○ GA, Clarke	Human infections an...	3	1	2
○ GA, Clayton	Human infections an...	8	5	2
○ GA, Clinch	Human infections an...			1
○ GA, Cobb	Human infections an...	34	19	2
○ GA, Coffee	Human infections an...	3	1	
○ GA, Colquitt	Human infections an...	1		
○ GA, Columbia	Human infections an...	9	4	1
○ GA, Cook	Human infections an...			1
○ GA, Coweta	Human infections an...			1
○ GA, Crawford	Non-human activity			
○ GA, Crisp	Human infections an...	4	3	2
○ GA, Dade	Non-human activity			
○ GA, Dawson	Human infections	2	1	
○ GA, Decatur	Human infections an...	1	1	2
○ GA, De Kalb	Human infections an...	43	23	9
○ GA, Dodge	Non-human activity			
○ GA, Dooly	Non-human activity			
○ GA, Dougherty	Human infections an...	31	22	1
○ GA, Douglas	Human infections an...	3	2	2
○ GA, Early	Human infections an...	1	1	
○ GA, Echols	Human infections an...	1	1	
○ GA, Effingham	Non-human activity			
○ GA, Elbert	Non-human activity			
○ GA, Emanuel	Non-human activity			
○ GA, Evans	Non-human activity			
○ GA, Fayette	Human infections an...	2	2	1
○ GA, Floyd	Human infections an...	5	4	
○ GA, Forsyth	Human infections an...	3	2	3
○ GA, Franklin	Non-human activity			
○ GA, Fulton	Human infections an...	88	53	12
○ GA, Gilmer	Non-human activity			
○ GA, Glynn	Human infections an...	8	5	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ GA, Gordon	Human infections an...			1
○ GA, Grady	Non-human activity			
○ GA, Greene	Non-human activity			
○ GA, Gwinnett	Human infections an...	17	8	6
○ GA, Habersham	Human infections an...	3		
○ GA, Hall	Human infections an...	3	2	
○ GA, Haralson	Non-human activity			
○ GA, Harris	Non-human activity			
○ GA, Hart	Non-human activity			
○ GA, Heard	Non-human activity			
○ GA, Henry	Human infections an...	3	1	
○ GA, Houston	Human infections an...	12	9	1
○ GA, Irwin	Non-human activity			
○ GA, Jackson	Non-human activity			
○ GA, Jeff Davis	Human infections an...	1	1	
○ GA, Jefferson	Non-human activity			
○ GA, Jenkins	Non-human activity			
○ GA, Johnson	Human infections an...	2	2	
○ GA, Jones	Human infections an...	1		1
○ GA, Lamar	Human infections an...	1	1	
○ GA, Lanier	Non-human activity			
○ GA, Laurens	Non-human activity			
○ GA, Lee	Human infections an...	5	4	1
○ GA, Liberty	Human infections an...	1		2
○ GA, Lincoln	Non-human activity			
○ GA, Long	Human infections an...	1		
○ GA, Lowndes	Human infections an...	5	2	
○ GA, Lumpkin	Non-human activity			
○ GA, Mcduffle	Human infections an...	1	1	
○ GA, Mcintosh	Human infections an...	1	1	1
○ GA, Macon	Human infections an...	2	2	
○ GA, Madison	Non-human activity			
○ GA, Marion	Non-human activity			
○ GA, Meriwether	Non-human activity			
○ GA, Miller	Human infections an...	5	3	
○ GA, Mitchell	Human infections an...	5	3	
○ GA, Monroe	Non-human activity			
○ GA, Montgomery	Human infections	1		
○ GA, Morgan	Human infections an...	1	1	
○ GA, Murray	Non-human activity			
○ GA, Muscogee	Human infections an...	48	33	6
○ GA, Newton	Human infections an...	1		
○ GA, Oconee	Non-human activity			
○ GA, Oglethorpe	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ GA, Paulding	Human infections and/or non-human activity	3	1	
○ GA, Peach	Human infections and/or non-human activity	1		2
○ GA, Pickens	Non-human activity			
○ GA, Pierce	Human infections and/or non-human activity	3	3	
○ GA, Pike	Human infections and/or non-human activity	2	1	
○ GA, Polk	Human infections and/or non-human activity	3	2	
○ GA, Pulaski	Non-human activity			
○ GA, Putnam	Human infections and/or non-human activity	1		1
○ GA, Quitman	Human infections	1	1	
○ GA, Rabun	Non-human activity			
○ GA, Randolph	Human infections and/or non-human activity	1	1	
○ GA, Richmond	Human infections and/or non-human activity	21	14	2
○ GA, Rockdale	Human infections and/or non-human activity	1	1	1
○ GA, Schley	Human infections	1		
○ GA, Screven	Non-human activity			
○ GA, Seminole	Human infections and/or non-human activity	1	1	
○ GA, Spalding	Human infections and/or non-human activity	2	1	
○ GA, Stephens	Human infections and/or non-human activity	1	1	
○ GA, Sumter	Human infections and/or non-human activity	2	1	
○ GA, Talbot	Non-human activity			
○ GA, Tattnall	Non-human activity			
○ GA, Taylor	Human infections and/or non-human activity	3	1	
○ GA, Telfair	Human infections and/or non-human activity			1
○ GA, Terrell	Human infections and/or non-human activity	1		
○ GA, Thomas	Human infections and/or non-human activity	2	1	
○ GA, Tift	Human infections and/or non-human activity	7	4	
○ GA, Toombs	Human infections and/or non-human activity	3	2	
○ GA, Towns	Non-human activity			
○ GA, Treutlen	Human infections and/or non-human activity	1	1	
○ GA, Troup	Human infections and/or non-human activity	1		
○ GA, Turner	Non-human activity			
○ GA, Twiggs	Non-human activity			
○ GA, Union	Non-human activity			
○ GA, Upson	Human infections and/or non-human activity			1
○ GA, Walker	Human infections and/or non-human activity	2	1	
○ GA, Walton	Human infections and/or non-human activity	1		
○ GA, Ware	Human infections and/or non-human activity	2	2	1
○ GA, Warren	Non-human activity			
○ GA, Washington	Human infections and/or non-human activity			1
○ GA, Wayne	Human infections and/or non-human activity	4	3	1
○ GA, Wheeler	Non-human activity			
○ GA, White	Human infections and/or non-human activity	2	1	
○ GA, Whitfield	Human infections and/or non-human activity	5	4	
○ GA, Wilcox	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ GA, Wilkes	Non-human activity			
○ GA, Wilkinson	Non-human activity			
○ GA, Worth	Human infections and deaths	1	1	
○ HI, Honolulu	Human infections	1		
○ ID, Ada	Human infections and deaths	328	45	27
○ ID, Adams	Human infections and deaths	17	2	2
○ ID, Bannock	Human infections and deaths	30	5	3
○ ID, Bear Lake	Non-human activity			
○ ID, Benewah	Non-human activity			
○ ID, Bingham	Human infections and deaths	152	23	7
○ ID, Blaine	Human infections and deaths	11	1	
○ ID, Boise	Human infections and deaths	7	1	
○ ID, Bonner	Non-human activity			
○ ID, Bonneville	Human infections and deaths	39	3	4
○ ID, Boundary	Human infections and deaths	1	1	
○ ID, Butte	Human infections and deaths	5		
○ ID, Camas	Human infections	2	1	
○ ID, Canyon	Human infections and deaths	251	48	7
○ ID, Caribou	Human infections and deaths	1	1	1
○ ID, Cassia	Human infections and deaths	5	2	
○ ID, Clark	Non-human activity			
○ ID, Clearwater	Human infections	1		
○ ID, Custer	Human infections and deaths	9		
○ ID, Elmore	Human infections and deaths	95	11	2
○ ID, Franklin	Human infections and deaths	4	2	
○ ID, Fremont	Human infections and deaths	6		
○ ID, Gem	Human infections and deaths	47	9	
○ ID, Gooding	Human infections and deaths	64	11	5
○ ID, Idaho	Human infections and deaths	3		
○ ID, Jefferson	Human infections and deaths	15	3	2
○ ID, Jerome	Human infections and deaths	16	2	5
○ ID, Kootenai	Human infections and deaths	3	2	
○ ID, Latah	Non-human activity			
○ ID, Lemhi	Human infections and deaths	11	3	
○ ID, Lewis	Human infections	2	2	
○ ID, Lincoln	Human infections and deaths	18	5	
○ ID, Madison	Human infections and deaths	9	3	
○ ID, Minidoka	Human infections and deaths	25	9	1
○ ID, Oneida	Human infections and deaths	2		
○ ID, Owyhee	Human infections and deaths	52	13	2
○ ID, Payette	Human infections and deaths	51	12	2
○ ID, Power	Human infections and deaths	2		
○ ID, Teton	Human infections and deaths	5		
○ ID, Twin Falls	Human infections and deaths	56	15	9

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ ID, Valley	Human infections an...	2	2	1
○ ID, Washington	Human infections an...	56	13	2
○ IL, Adams	Human infections an...	6	1	1
○ IL, Alexander	Non-human activity			
○ IL, Bond	Human infections an...	6	4	1
○ IL, Boone	Human infections an...	7	5	
○ IL, Brown	Human infections an...	1	1	
○ IL, Bureau	Human infections an...	2	1	
○ IL, Calhoun	Non-human activity			
○ IL, Carroll	Human infections an...	2	2	
○ IL, Cass	Human infections an...	1		
○ IL, Champaign	Human infections an...	7	6	
○ IL, Christian	Human infections an...	2	2	
○ IL, Clark	Human infections an...	2	1	
○ IL, Clay	Human infections an...	1		
○ IL, Clinton	Human infections an...	12	8	1
○ IL, Coles	Human infections an...	3	2	
○ IL, Cook	Human infections an...	1634	1098	46
○ IL, Crawford	Human infections an...	8	5	
○ IL, Cumberland	Human infections an...	3	1	
○ IL, De Kalb	Human infections an...	9	3	2
○ IL, De Witt	Human infections an...	1	1	
○ IL, Douglas	Human infections an...	1		
○ IL, Du Page	Human infections an...	316	192	20
○ IL, Edgar	Human infections an...	3	3	
○ IL, Edwards	Human infections an...	1		
○ IL, Effingham	Human infections an...	9	3	
○ IL, Fayette	Human infections an...	2	2	
○ IL, Ford	Human infections an...	4	3	
○ IL, Franklin	Human infections an...	12	9	1
○ IL, Fulton	Human infections an...	10	6	
○ IL, Gallatin	Human infections an...	2	1	
○ IL, Greene	Human infections an...	1		
○ IL, Grundy	Human infections an...	2	2	
○ IL, Hamilton	Non-human activity			
○ IL, Hancock	Human infections an...	2	1	
○ IL, Hardin	Human infections an...	1	1	
○ IL, Henderson	Human infections an...	2	1	
○ IL, Henry	Human infections an...	5	2	1
○ IL, Iroquois	Human infections an...	1		1
○ IL, Jackson	Human infections an...	12	6	
○ IL, Jasper	Human infections an...	3	2	
○ IL, Jefferson	Human infections an...	5	3	2
○ IL, Jersey	Human infections an...	1		

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ IL, Jo Daviess	Human infections an...	4	3	
○ IL, Johnson	Non-human activity			
○ IL, Kane	Human infections an...	94	53	11
○ IL, Kankakee	Human infections an...	14	11	1
○ IL, Kendall	Human infections an...	15	10	1
○ IL, Knox	Human infections an...	2	1	
○ IL, Lake	Human infections an...	79	45	2
○ IL, La Salle	Human infections an...	26	15	1
○ IL, Lawrence	Human infections an...			1
○ IL, Lee	Human infections an...	2	2	
○ IL, Livingston	Human infections an...	3	1	1
○ IL, Logan	Human infections an...	2	1	
○ IL, Mcdonough	Human infections an...	1	1	1
○ IL, McHenry	Human infections an...	38	21	3
○ IL, Mclean	Human infections an...	20	14	
○ IL, Macon	Human infections an...	14	8	1
○ IL, Macoupin	Human infections an...	13	6	
○ IL, Madison	Human infections an...	28	19	3
○ IL, Marion	Human infections an...	8	5	1
○ IL, Marshall	Human infections an...	2		
○ IL, Mason	Human infections an...	4	1	
○ IL, Massac	Human infections an...	3	2	
○ IL, Menard	Human infections an...	2	1	
○ IL, Mercer	Human infections an...	1		
○ IL, Monroe	Human infections an...	3	2	
○ IL, Montgomery	Human infections an...	5	3	
○ IL, Morgan	Human infections an...	3	2	
○ IL, Moultrie	Human infections an...	5	5	
○ IL, Ogle	Human infections an...	3	3	
○ IL, Peoria	Human infections an...	25	19	6
○ IL, Perry	Human infections an...	1	1	
○ IL, Piatt	Human infections an...	3	2	
○ IL, Pike	Human infections an...	1		
○ IL, Pope	Non-human activity			
○ IL, Pulaski	Human infections an...	1	1	
○ IL, Putnam	Non-human activity			
○ IL, Randolph	Human infections an...	1	1	1
○ IL, Richland	Human infections an...	3	3	
○ IL, Rock Island	Human infections an...	11	7	
○ IL, St Clair	Human infections an...	51	34	5
○ IL, Saline	Human infections an...	4	2	
○ IL, Sangamon	Human infections an...	34	23	1
○ IL, Schuyler	Human infections an...	1	1	
○ IL, Scott	Human infections an...	1		

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ IL, Shelby	Human infections an...	3		
○ IL, Stark	Human infections an...	1	1	
○ IL, Stephenson	Human infections an...	6	4	1
○ IL, Tazewell	Human infections an...	10	9	2
○ IL, Union	Non-human activity			
○ IL, Vermilion	Human infections an...	8	5	
○ IL, Wabash	Human infections an...	4	2	
○ IL, Warren	Human infections an...	3	2	
○ IL, Washington	Human infections an...	1	1	
○ IL, Wayne	Non-human activity			
○ IL, White	Human infections an...	2	2	
○ IL, Whiteside	Human infections an...	7	3	
○ IL, Will	Human infections an...	91	56	7
○ IL, Williamson	Human infections an...	11	7	2
○ IL, Winnebago	Human infections an...	15	10	1
○ IL, Woodford	Human infections an...	5	2	
○ IN, Adams	Human infections an...	17	3	3
○ IN, Allen	Human infections an...	120	86	12
○ IN, Bartholomew	Human infections an...	5	4	
○ IN, Benton	Human infections an...	1	1	
○ IN, Blackford	Human infections an...	5	2	
○ IN, Boone	Human infections an...	2	1	
○ IN, Brown	Non-human activity			
○ IN, Carroll	Human infections an...	1		
○ IN, Cass	Non-human activity			
○ IN, Clark	Human infections an...	6	5	5
○ IN, Clay	Human infections an...	2	2	1
○ IN, Clinton	Human infections an...	4	2	1
○ IN, Crawford	Human infections an...	1	1	
○ IN, Daviess	Human infections an...	2	1	1
○ IN, Dearborn	Human infections an...	5	4	
○ IN, Decatur	Non-human activity			
○ IN, De Kalb	Human infections an...	4		1
○ IN, Delaware	Human infections an...	18	13	1
○ IN, Dubois	Human infections an...	2		
○ IN, Elkhart	Human infections an...	40	16	9
○ IN, Fayette	Non-human activity			
○ IN, Floyd	Human infections an...	5	4	
○ IN, Fountain	Human infections an...	1		
○ IN, Franklin	Non-human activity			
○ IN, Fulton	Human infections an...	4	2	
○ IN, Gibson	Human infections an...	7	5	
○ IN, Grant	Human infections an...	11	6	
○ IN, Greene	Human infections an...	1		

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ IN, Hamilton	Human infections an...	20	16	3
○ IN, Hancock	Human infections an...	7	6	
○ IN, Harrison	Non-human activity			
○ IN, Hendricks	Human infections an...	3	2	
○ IN, Henry	Human infections an...	2	2	
○ IN, Howard	Human infections an...	5	3	2
○ IN, Huntington	Human infections an...	9	3	2
○ IN, Jackson	Human infections an...	7	3	
○ IN, Jasper	Human infections an...	5	5	
○ IN, Jay	Human infections an...	3	1	
○ IN, Jefferson	Human infections an...	1	1	
○ IN, Jennings	Human infections an...	2	1	
○ IN, Johnson	Human infections an...	2		1
○ IN, Knox	Human infections an...	6	1	
○ IN, Kosciusko	Human infections an...	13	7	5
○ IN, La Grange	Human infections an...	7		2
○ IN, Lake	Human infections an...	115	73	11
○ IN, La Porte	Human infections an...	10	4	
○ IN, Lawrence	Human infections an...	1	1	1
○ IN, Madison	Human infections an...	11	5	2
○ IN, Marion	Human infections an...	88	65	8
○ IN, Marshall	Human infections an...	4	2	
○ IN, Martin	Non-human activity			
○ IN, Miami	Human infections an...	5	2	
○ IN, Monroe	Human infections an...	3		2
○ IN, Montgomery	Human infections an...	2	2	
○ IN, Morgan	Human infections an...	4	2	
○ IN, Newton	Non-human activity			
○ IN, Noble	Human infections an...	4		
○ IN, Ohio	Human infections an...	1	1	1
○ IN, Orange	Human infections an...	1	1	1
○ IN, Owen	Human infections an...	1		
○ IN, Parke	Human infections an...	3		
○ IN, Perry	Human infections an...	1	1	
○ IN, Pike	Non-human activity			
○ IN, Porter	Human infections an...	39	22	6
○ IN, Posey	Human infections an...	2	2	
○ IN, Pulaski	Non-human activity			
○ IN, Putnam	Human infections an...	1	1	1
○ IN, Randolph	Human infections an...	2		
○ IN, Ripley	Human infections an...	2	2	
○ IN, Rush	Human infections an...	1		
○ IN, St Joseph	Human infections an...	13	4	3
○ IN, Scott	Human infections an...	1	1	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ IN, Shelby	Non-human activity			
○ IN, Spencer	Human infections and/or deaths	1	1	
○ IN, Starke	Non-human activity			
○ IN, Steuben	Human infections and/or deaths	2		1
○ IN, Sullivan	Human infections and/or deaths	2	2	
○ IN, Switzerland	Human infections and/or deaths	1	1	
○ IN, Tippecanoe	Human infections and/or deaths	8	6	2
○ IN, Tipton	Human infections and/or deaths	1	1	
○ IN, Union	Non-human activity			
○ IN, Vanderburgh	Human infections and/or deaths	27	17	1
○ IN, Vermillion	Human infections and/or deaths	1		
○ IN, Vigo	Human infections and/or deaths	1	1	
○ IN, Wabash	Human infections and/or deaths	5	4	
○ IN, Warren	Non-human activity			
○ IN, Warrick	Human infections and/or deaths	2	1	
○ IN, Washington	Non-human activity			
○ IN, Wayne	Human infections and/or deaths	3	1	
○ IN, Wells	Human infections and/or deaths	8	6	
○ IN, White	Human infections and/or deaths	3	2	2
○ IN, Whitley	Human infections and/or deaths	11	3	1
○ IA, Adair	Human infections and/or deaths	2	1	
○ IA, Adams	Human infections and/or deaths	3	1	
○ IA, Allamakee	Human infections and/or deaths	1	1	
○ IA, Appanoose	Human infections and/or deaths	1	1	
○ IA, Audubon	Human infections and/or deaths	8	5	
○ IA, Benton	Human infections and/or deaths	3	2	1
○ IA, Black Hawk	Human infections and/or deaths	6	1	2
○ IA, Boone	Human infections and/or deaths	6	4	
○ IA, Bremer	Human infections and/or deaths	5	2	1
○ IA, Buchanan	Human infections and/or deaths	1		2
○ IA, Buena Vista	Human infections and/or deaths	5	4	
○ IA, Butler	Human infections and/or deaths	1	1	
○ IA, Calhoun	Human infections and/or deaths	6	3	
○ IA, Carroll	Human infections and/or deaths	8	4	2
○ IA, Cass	Human infections and/or deaths	6	1	1
○ IA, Cedar	Human infections and/or deaths	3	2	1
○ IA, Cerro Gordo	Human infections and/or deaths	6	6	
○ IA, Cherokee	Human infections and/or deaths	6	1	2
○ IA, Chickasaw	Human infections and/or deaths	4	2	
○ IA, Clarke	Human infections and/or deaths	4	1	
○ IA, Clay	Human infections and/or deaths	1		1
○ IA, Clayton	Human infections and/or deaths	1		
○ IA, Clinton	Human infections and/or deaths	4	3	2
○ IA, Crawford	Human infections and/or deaths	11	6	3

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ IA, Dallas	Human infections an...	6	5	3
○ IA, Davis	Non-human activity			
○ IA, Decatur	Human infections an...	1	1	1
○ IA, Delaware	Human infections an...	1		
○ IA, Des Moines	Human infections an...	6	3	2
○ IA, Dickinson	Human infections an...	14	6	
○ IA, Dubuque	Human infections an...	2	1	5
○ IA, Emmet	Human infections an...	5	5	
○ IA, Fayette	Human infections an...	3	1	1
○ IA, Floyd	Human infections an...	5	3	
○ IA, Franklin	Human infections an...	3	2	
○ IA, Fremont	Human infections an...	5	3	
○ IA, Greene	Human infections an...	2	1	
○ IA, Grundy	Human infections an...	1		1
○ IA, Guthrie	Human infections an...	1		
○ IA, Hamilton	Human infections an...	2	2	
○ IA, Hancock	Human infections an...	3	1	
○ IA, Hardin	Human infections an...	2	2	
○ IA, Harrison	Human infections an...	13	8	2
○ IA, Henry	Human infections an...	6	2	
○ IA, Howard	Non-human activity			
○ IA, Humboldt	Human infections an...	7	2	1
○ IA, Ida	Human infections an...	5	2	
○ IA, Iowa	Human infections an...	1		
○ IA, Jackson	Human infections an...	3	2	1
○ IA, Jasper	Human infections an...	7	3	
○ IA, Jefferson	Non-human activity			
○ IA, Johnson	Human infections an...	7	5	
○ IA, Jones	Human infections an...	2	1	
○ IA, Keokuk	Human infections an...	2	1	2
○ IA, Kossuth	Human infections an...	5	2	1
○ IA, Lee	Human infections an...	5	3	1
○ IA, Linn	Human infections an...	7	4	1
○ IA, Louisa	Human infections an...	2	1	
○ IA, Lucas	Human infections an...	2	1	
○ IA, Lyon	Human infections an...	25	9	3
○ IA, Madison	Human infections an...	4	3	
○ IA, Mahaska	Human infections an...	5	3	1
○ IA, Marion	Human infections an...	5	3	1
○ IA, Marshall	Human infections an...	6	5	1
○ IA, Mills	Human infections an...	7	3	
○ IA, Mitchell	Human infections an...	1		
○ IA, Monona	Human infections an...	18	7	1
○ IA, Monroe	Human infections an...	4	2	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ IA, Montgomery	Human infections an...	14	8	
○ IA, Muscatine	Human infections an...	3	2	
○ IA, O'Brien	Human infections an...	8	2	3
○ IA, Osceola	Human infections an...	3	2	
○ IA, Page	Human infections an...	8	4	1
○ IA, Palo Alto	Human infections an...	2	2	
○ IA, Plymouth	Human infections an...	25	7	3
○ IA, Pocahontas	Human infections an...	3	1	
○ IA, Polk	Human infections an...	41	18	12
○ IA, Pottawattamie	Human infections an...	43	29	6
○ IA, Poweshiek	Human infections an...	3	2	1
○ IA, Ringgold	Human infections an...	3	2	1
○ IA, Sac	Human infections an...	4	2	2
○ IA, Scott	Human infections an...	9	6	2
○ IA, Shelby	Human infections an...	7	5	4
○ IA, Sioux	Human infections an...	44	24	4
○ IA, Story	Human infections an...	10	6	2
○ IA, Tama	Human infections an...	4	1	
○ IA, Taylor	Non-human activity			
○ IA, Union	Human infections an...	2		1
○ IA, Van Buren	Human infections an...	2	1	
○ IA, Wapello	Human infections an...	4	2	
○ IA, Warren	Human infections an...	6	5	1
○ IA, Washington	Human infections an...	4	3	1
○ IA, Wayne	Human infections an...	1		
○ IA, Webster	Human infections an...	6	4	2
○ IA, Winnebago	Human infections an...	1	1	2
○ IA, Winneshiek	Human infections an...	1		
○ IA, Woodbury	Human infections an...	58	22	11
○ IA, Worth	Non-human activity			
○ IA, Wright	Human infections an...	3	3	
○ KS, Allen	Non-human activity			
○ KS, Anderson	Human infections an...			1
○ KS, Atchison	Human infections an...	2	1	
○ KS, Barber	Human infections an...	3	1	
○ KS, Barton	Human infections an...	39	9	15
○ KS, Bourbon	Human infections an...			1
○ KS, Brown	Human infections an...			1
○ KS, Butler	Human infections an...	12	5	7
○ KS, Chase	Human infections an...	2	1	1
○ KS, Chautauqua	Human infections an...	1		
○ KS, Cherokee	Non-human activity			
○ KS, Cheyenne	Human infections an...	1	1	1
○ KS, Clark	Human infections an...	6	3	1

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ KS, Clay	Human infections an...	5	3	2
○ KS, Cloud	Human infections an...	2	1	
○ KS, Coffey	Non-human activity			
○ KS, Comanche	Human infections an...	1		1
○ KS, Cowley	Human infections an...	3	2	3
○ KS, Crawford	Human infections an...	4	1	1
○ KS, Decatur	Human infections an...	2	2	2
○ KS, Dickinson	Human infections an...	14	7	3
○ KS, Doniphan	Human infections an...	1	1	1
○ KS, Douglas	Human infections an...	17	9	3
○ KS, Edwards	Human infections an...	3		2
○ KS, Elk	Non-human activity			
○ KS, Ellis	Human infections an...	11	8	9
○ KS, Ellsworth	Human infections an...	3	1	2
○ KS, Finney	Human infections an...	8	4	8
○ KS, Ford	Human infections an...	22	13	4
○ KS, Franklin	Human infections an...	2	2	2
○ KS, Geary	Human infections an...	1		1
○ KS, Gove	Human infections an...	3		3
○ KS, Graham	Human infections an...	3	1	2
○ KS, Grant	Human infections an...	1	1	2
○ KS, Gray	Human infections an...	12	8	5
○ KS, Greeley	Human infections an...	2	1	
○ KS, Greenwood	Human infections an...	1		
○ KS, Hamilton	Human infections an...	4	1	2
○ KS, Harper	Human infections an...	5	3	1
○ KS, Harvey	Human infections an...	19	9	6
○ KS, Haskell	Human infections an...	5	2	3
○ KS, Hodgeman	Human infections an...	2	2	2
○ KS, Jackson	Human infections an...	4	4	
○ KS, Jefferson	Non-human activity			
○ KS, Jewell	Human infections an...	4	3	
○ KS, Johnson	Human infections an...	59	47	13
○ KS, Kearny	Human infections an...	4	1	3
○ KS, Kingman	Human infections an...	5	3	
○ KS, Kiowa	Human infections an...	2	1	1
○ KS, Labette	Non-human activity			
○ KS, Lane	Human infections an...	3	1	1
○ KS, Leavenworth	Human infections an...	3		1
○ KS, Lincoln	Human infections an...	4	1	
○ KS, Linn	Human infections an...	2		
○ KS, Logan	Human infections an...	1		1
○ KS, Lyon	Human infections an...	2	2	
○ KS, Mcpherson	Human infections an...	14	7	12

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ KS, Marion	Human infections an...	5	1	2
○ KS, Marshall	Human infections an...	5	3	5
○ KS, Meade	Human infections an...	9	6	
○ KS, Miami	Non-human activity			
○ KS, Mitchell	Human infections an...	4	2	
○ KS, Montgomery	Human infections an...	1	1	2
○ KS, Morris	Human infections an...	2		1
○ KS, Morton	Human infections an...			3
○ KS, Nemaha	Human infections an...	1	1	1
○ KS, Neosho	Human infections an...	1	1	1
○ KS, Ness	Human infections an...	11	2	1
○ KS, Norton	Human infections an...	2		
○ KS, Osage	Human infections an...	1		
○ KS, Osborne	Human infections an...	5	4	4
○ KS, Ottawa	Human infections an...	1	1	
○ KS, Pawnee	Human infections an...	7	2	5
○ KS, Phillips	Human infections an...	8	4	4
○ KS, Pottawatomie	Human infections an...	4	3	
○ KS, Pratt	Human infections an...	17	8	3
○ KS, Rawlins	Human infections an...	2		1
○ KS, Reno	Human infections an...	35	17	13
○ KS, Republic	Human infections an...	8	3	4
○ KS, Rice	Human infections an...	8	5	4
○ KS, Riley	Human infections an...	7	3	5
○ KS, Rooks	Human infections an...	3	2	2
○ KS, Rush	Human infections an...	5	3	1
○ KS, Russell	Human infections an...	2	1	2
○ KS, Saline	Human infections an...	23	14	5
○ KS, Scott	Human infections an...	6	4	5
○ KS, Sedgwick	Human infections an...	107	50	42
○ KS, Seward	Human infections an...	5	4	2
○ KS, Shawnee	Human infections an...	17	9	5
○ KS, Sheridan	Human infections an...			6
○ KS, Sherman	Human infections an...	9	4	4
○ KS, Smith	Human infections an...	2	2	1
○ KS, Stafford	Human infections an...	17	4	1
○ KS, Stanton	Human infections	3	2	1
○ KS, Stevens	Human infections an...	2	1	4
○ KS, Sumner	Human infections an...	4	1	3
○ KS, Thomas	Human infections an...	7	3	4
○ KS, Trego	Human infections an...	5	3	2
○ KS, Wabaunsee	Human infections an...	1		
○ KS, Wallace	Human infections an...	2	1	1
○ KS, Washington	Human infections an...	5	4	4

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ KS, Wichita	Human infections an...	1	1	1
○ KS, Wilson	Human infections an...			1
○ KS, Woodson	Non-human activity			
○ KS, Wyandotte	Human infections an...	17	16	
○ KY, Adair	Human infections an...	2	2	
○ KY, Allen	Non-human activity			
○ KY, Anderson	Human infections an...	1		2
○ KY, Ballard	Non-human activity			
○ KY, Barren	Human infections an...	8	4	
○ KY, Bath	Non-human activity			
○ KY, Bell	Human infections an...	1	1	
○ KY, Boone	Human infections an...	4	2	
○ KY, Bourbon	Human infections an...	1		
○ KY, Boyd	Human infections an...	1		
○ KY, Boyle	Human infections an...	2	2	
○ KY, Bracken	Human infections an...	1	1	
○ KY, Breckinridge	Human infections an...	1	1	
○ KY, Bullitt	Human infections an...	3	1	
○ KY, Butler	Non-human activity			
○ KY, Caldwell	Non-human activity			
○ KY, Calloway	Non-human activity			
○ KY, Campbell	Human infections an...	6	4	1
○ KY, Carlisle	Non-human activity			
○ KY, Carroll	Non-human activity			
○ KY, Carter	Non-human activity			
○ KY, Casey	Non-human activity			
○ KY, Christian	Human infections an...	3	3	
○ KY, Clark	Human infections an...	1	1	1
○ KY, Clay	Non-human activity			
○ KY, Clinton	Human infections	2		
○ KY, Crittenden	Non-human activity			
○ KY, Cumberland	Non-human activity			
○ KY, Daviess	Human infections an...	5	3	
○ KY, Edmonson	Human infections an...	1	1	
○ KY, Elliott	Non-human activity			
○ KY, Estill	Human infections an...	1	1	
○ KY, Fayette	Human infections an...	9	7	5
○ KY, Fleming	Human infections an...			1
○ KY, Floyd	Human infections an...	1	1	2
○ KY, Franklin	Human infections an...	1		
○ KY, Fulton	Non-human activity			
○ KY, Gallatin	Non-human activity			
○ KY, Garrard	Non-human activity			
○ KY, Grant	Human infections an...	2	2	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ KY, Graves	Human infections an...	2	1	
○ KY, Grayson	Human infections an...	2		
○ KY, Green	Human infections an...	1	1	
○ KY, Greenup	Human infections an...	4	3	
○ KY, Hancock	Non-human activity			
○ KY, Hardin	Human infections an...	1	1	
○ KY, Harrison	Non-human activity			
○ KY, Hart	Human infections an...	1	1	
○ KY, Henderson	Human infections an...	1		
○ KY, Henry	Human infections an...	2	2	
○ KY, Hickman	Non-human activity			
○ KY, Hopkins	Human infections an...	5	3	
○ KY, Jackson	Non-human activity			
○ KY, Jefferson	Human infections an...	61	49	15
○ KY, Jessamine	Human infections an...	1		2
○ KY, Johnson	Non-human activity			
○ KY, Kenton	Human infections an...	18	11	2
○ KY, Knox	Non-human activity			
○ KY, Larue	Non-human activity			
○ KY, Laurel	Human infections an...	2	2	
○ KY, Lawrence	Non-human activity			
○ KY, Lee	Human infections an...			1
○ KY, Leslie	Non-human activity			
○ KY, Letcher	Non-human activity			
○ KY, Lewis	Non-human activity			
○ KY, Lincoln	Human infections an...	2	2	
○ KY, Livingston	Non-human activity			
○ KY, Logan	Human infections an...	2	2	
○ KY, Lyon	Non-human activity			
○ KY, Mccracken	Human infections an...	11	6	
○ KY, Mccreary	Human infections an...	1	1	
○ KY, Mclean	Non-human activity			
○ KY, Madison	Human infections an...	1	1	1
○ KY, Magoffin	Non-human activity			
○ KY, Marion	Human infections an...	2	2	
○ KY, Marshall	Human infections an...	1	1	1
○ KY, Martin	Non-human activity			
○ KY, Mason	Human infections an...	1	1	
○ KY, Meade	Non-human activity			
○ KY, Menifee	Non-human activity			
○ KY, Mercer	Human infections an...	1		
○ KY, Metcalfe	Human infections an...	1		
○ KY, Monroe	Human infections an...	3	3	
○ KY, Montgomery	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ KY, Morgan	Non-human activity			
○ KY, Muhlenberg	Non-human activity			
○ KY, Nelson	Human infections and/or deaths	2		
○ KY, Nicholas	Human infections and/or deaths			2
○ KY, Ohio	Non-human activity			
○ KY, Oldham	Non-human activity			
○ KY, Pendleton	Non-human activity			
○ KY, Perry	Non-human activity			
○ KY, Pike	Non-human activity			
○ KY, Powell	Non-human activity			
○ KY, Pulaski	Human infections and/or deaths	2	2	
○ KY, Rockcastle	Non-human activity			
○ KY, Rowan	Non-human activity			
○ KY, Russell	Human infections and/or deaths	2		
○ KY, Scott	Human infections and/or deaths			1
○ KY, Shelby	Non-human activity			
○ KY, Simpson	Human infections and/or deaths	2	1	
○ KY, Spencer	Non-human activity			
○ KY, Taylor	Human infections and/or deaths	1	1	1
○ KY, Todd	Human infections and/or deaths	1		
○ KY, Trigg	Non-human activity			
○ KY, Trimble	Non-human activity			
○ KY, Union	Human infections and/or deaths	2	2	
○ KY, Warren	Human infections and/or deaths	2	2	
○ KY, Washington	Human infections and/or deaths	1		
○ KY, Wayne	Human infections and/or deaths	1		
○ KY, Webster	Non-human activity			
○ KY, Whitley	Human infections and/or deaths			1
○ KY, Wolfe	Human infections and/or deaths	2	2	
○ KY, Woodford	Non-human activity			
○ LA, Acadia Parish	Human infections and/or deaths	3	2	1
○ LA, Allen Parish	Human infections and/or deaths	7	4	1
○ LA, Ascension Parish	Human infections and/or deaths	82	38	14
○ LA, Assumption Parish	Human infections and/or deaths	5	4	
○ LA, Avoyelles Parish	Human infections and/or deaths	8	7	2
○ LA, Beauregard Parish	Human infections and/or deaths	8	6	1
○ LA, Bienville Parish	Human infections and/or deaths	2	1	
○ LA, Bossier Parish	Human infections and/or deaths	73	46	8
○ LA, Caddo Parish	Human infections and/or deaths	234	151	26
○ LA, Calcasieu Parish	Human infections and/or deaths	62	36	9
○ LA, Caldwell Parish	Human infections and/or deaths	6	5	
○ LA, Cameron Parish	Human infections and/or deaths	1		
○ LA, Catahoula Parish	Human infections	4	2	1
○ LA, Claiborne Parish	Human infections and/or deaths	2	2	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ LA, Concordia Pa...	Human infections an...	10	6	1
○ LA, De Soto Parish	Human infections an...	15	9	5
○ LA, East Baton R...	Human infections an...	275	162	27
○ LA, East Carroll ...	Non-human activity			
○ LA, East Felician...	Human infections an...	20	10	
○ LA, Evangeline P...	Human infections an...	5	5	
○ LA, Franklin Parish	Human infections an...	8	5	
○ LA, Grant Parish	Human infections an...	6	6	2
○ LA, Iberia Parish	Human infections an...	13	11	1
○ LA, Iberville Parish	Human infections an...	21	8	2
○ LA, Jackson Parish	Human infections an...	2		
○ LA, Jefferson Par...	Human infections an...	95	64	6
○ LA, Jefferson Da...	Human infections an...	8	5	
○ LA, Lafayette Par...	Human infections an...	31	24	2
○ LA, Lafourche Pa...	Human infections an...	21	14	4
○ LA, La Salle Parish	Human infections an...	3	1	
○ LA, Lincoln Parish	Human infections an...	10	8	1
○ LA, Livingston Pa...	Human infections an...	116	67	13
○ LA, Madison Parish	Human infections an...	3	3	
○ LA, Morehouse P...	Human infections an...	13	11	
○ LA, Natchitoches ...	Human infections an...	9	5	3
○ LA, Orleans Parish	Human infections an...	89	49	4
○ LA, Ouachita Pari...	Human infections an...	101	71	1
○ LA, Plaquemines ...	Human infections an...			2
○ LA, Pointe Coupe...	Human infections an...	27	9	3
○ LA, Rapides Parish	Human infections an...	109	81	13
○ LA, Red River Pa...	Human infections an...	2	2	1
○ LA, Richland Parish	Human infections an...	8	5	
○ LA, Sabine Parish	Human infections an...	1	1	
○ LA, St Bernard P...	Human infections an...	8	2	2
○ LA, St Charles P...	Human infections an...	5	2	1
○ LA, St Helena Pa...	Human infections an...	7	6	
○ LA, St James Par...	Human infections an...	5	4	
○ LA, St John The ...	Human infections an...	4	3	
○ LA, St Landry Pa...	Human infections an...	12	7	3
○ LA, St Martin Pari...	Human infections an...	6	3	1
○ LA, St Mary Parish	Human infections an...	2	1	1
○ LA, St Tammany ...	Human infections an...	158	88	11
○ LA, Tangipahoa ...	Human infections an...	91	59	9
○ LA, Tensas Parish	Human infections an...	1		
○ LA, Terrebonne P...	Human infections an...	9	5	1
○ LA, Union Parish	Human infections an...	6	4	1
○ LA, Vermilion Par...	Human infections an...	2	2	1
○ LA, Vernon Parish	Human infections an...	6	3	5

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ LA, Washington ...	Human infections an...	40	24	4
○ LA, Webster Parish	Human infections an...	18	9	2
○ LA, West Baton ...	Human infections an...	15	7	3
○ LA, West Carroll ...	Human infections an...	8	5	2
○ LA, West Felician...	Human infections an...	4	3	
○ LA, Winn Parish	Human infections an...	5	3	
○ ME, Androscoggin	Non-human activity			
○ ME, Cumberland	Human infections an...	5	4	
○ ME, Hancock	Non-human activity			
○ ME, Kennebec	Non-human activity			
○ ME, Knox	Non-human activity			
○ ME, Lincoln	Non-human activity			
○ ME, Penobscot	Non-human activity			
○ ME, Piscataquis	Non-human activity			
○ ME, Somerset	Non-human activity			
○ ME, Waldo	Non-human activity			
○ ME, York	Human infections an...			1
○ MD, Allegany	Human infections an...	1	1	
○ MD, Anne Arundel	Human infections an...	58	41	7
○ MD, Baltimore	Human infections an...	76	57	13
○ MD, Calvert	Human infections an...	3	1	1
○ MD, Caroline	Human infections an...	2	2	
○ MD, Carroll	Human infections an...	4	3	1
○ MD, Cecil	Human infections an...	7	3	1
○ MD, Charles	Human infections an...	3	1	
○ MD, Dorchester	Human infections an...	4	4	
○ MD, Frederick	Human infections an...	14	7	6
○ MD, Garrett	Non-human activity			
○ MD, Harford	Human infections an...	18	11	4
○ MD, Howard	Human infections an...	8	5	3
○ MD, Kent	Human infections an...	2		1
○ MD, Montgomery	Human infections an...	63	34	5
○ MD, Prince Geor...	Human infections an...	48	37	5
○ MD, Queen Annes	Human infections an...	7	3	
○ MD, St Marys	Human infections an...	1	1	
○ MD, Somerset	Non-human activity			
○ MD, Talbot	Human infections an...	4	1	2
○ MD, Washington	Human infections an...	11	7	
○ MD, Wicomico	Human infections an...	1		1
○ MD, Worcester	Human infections an...	2	1	
○ MD, Baltimore City	Human infections an...	64	53	1
○ MA, Barnstable	Human infections an...	6	4	1
○ MA, Berkshire	Human infections an...	2	2	
○ MA, Bristol	Human infections an...	13	9	3

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ MA, Dukes	Non-human activity			
○ MA, Essex	Human infections an...	18	14	1
○ MA, Franklin	Human infections an...	2	1	
○ MA, Hampden	Human infections an...	8	8	
○ MA, Hampshire	Human infections an...	2	2	
○ MA, Middlesex	Human infections an...	104	77	13
○ MA, Nantucket	Non-human activity			
○ MA, Norfolk	Human infections an...	15	12	1
○ MA, Plymouth	Human infections an...	7	6	2
○ MA, Suffolk	Human infections an...	40	35	2
○ MA, Worcester	Human infections an...	20	13	1
○ MI, Alcona	Non-human activity			
○ MI, Alger	Non-human activity			
○ MI, Allegan	Human infections an...	7	4	
○ MI, Alpena	Non-human activity			
○ MI, Antrim	Human infections an...	1		1
○ MI, Arenac	Human infections an...	1	1	
○ MI, Baraga	Non-human activity			
○ MI, Barry	Human infections an...	6	4	
○ MI, Bay	Human infections an...	6	3	2
○ MI, Benzie	Non-human activity			
○ MI, Berrien	Human infections an...	7	5	
○ MI, Branch	Human infections an...	1	1	
○ MI, Calhoun	Human infections an...	2	2	
○ MI, Cass	Human infections an...	6	5	1
○ MI, Charlevoix	Human infections an...			1
○ MI, Cheboygan	Non-human activity			
○ MI, Chippewa	Non-human activity			
○ MI, Clare	Human infections an...			1
○ MI, Clinton	Human infections an...	9	7	1
○ MI, Crawford	Non-human activity			
○ MI, Delta	Human infections an...	1		
○ MI, Dickinson	Non-human activity			
○ MI, Eaton	Human infections an...	4	4	
○ MI, Emmet	Human infections an...	1	1	
○ MI, Genesee	Human infections an...	13	12	1
○ MI, Gladwin	Human infections an...	1		
○ MI, Gogebic	Non-human activity			
○ MI, Grand Traverse	Human infections an...	4	4	
○ MI, Gratiot	Human infections an...	1	1	1
○ MI, Hillsdale	Human infections an...	3	3	
○ MI, Houghton	Non-human activity			
○ MI, Huron	Human infections an...	1		
○ MI, Ingham	Human infections an...	29	24	5

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ MI, Ionia	Human infections an...	2	1	
○ MI, Iosco	Non-human activity			
○ MI, Iron	Non-human activity			
○ MI, Isabella	Human infections an...	3	2	1
○ MI, Jackson	Human infections an...	3	3	1
○ MI, Kalamazoo	Human infections an...	9	9	2
○ MI, Kalkaska	Non-human activity			
○ MI, Kent	Human infections an...	164	135	19
○ MI, Keweenaw	Human infections an...	1	1	
○ MI, Lake	Non-human activity			
○ MI, Lapeer	Human infections an...	4	4	
○ MI, Leelanau	Non-human activity			
○ MI, Lenawee	Human infections an...	7	6	1
○ MI, Livingston	Human infections an...	2	2	2
○ MI, Luce	Non-human activity			
○ MI, Mackinac	Non-human activity			
○ MI, Macomb	Human infections an...	217	180	9
○ MI, Manistee	Non-human activity			
○ MI, Marquette	Human infections an...	2	1	
○ MI, Mason	Human infections an...	1		1
○ MI, Mecosta	Non-human activity			
○ MI, Menominee	Human infections an...	1	1	
○ MI, Midland	Human infections an...	1	1	
○ MI, Missaukee	Non-human activity			
○ MI, Monroe	Human infections an...	13	8	6
○ MI, Montcalm	Human infections an...	3	2	
○ MI, Montmorency	Non-human activity			
○ MI, Muskegon	Human infections an...	6	5	
○ MI, Newaygo	Human infections an...	3	3	
○ MI, Oakland	Human infections an...	311	262	17
○ MI, Oceana	Non-human activity			
○ MI, Ogemaw	Human infections an...	1	1	
○ MI, Ontonagon	Non-human activity			
○ MI, Osceola	Non-human activity			
○ MI, Oscoda	Human infections an...	1	1	
○ MI, Otsego	Human infections an...	1	1	
○ MI, Ottawa	Human infections an...	21	15	3
○ MI, Presque Isle	Human infections an...	1	1	
○ MI, Roscommon	Non-human activity			
○ MI, Saginaw	Human infections an...	3	2	
○ MI, St Clair	Human infections an...	7	7	1
○ MI, St Joseph	Human infections an...	7	3	
○ MI, Sanilac	Human infections an...	2	2	2
○ MI, Schoolcraft	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ MI, Shiawassee	Human infections an...	1	1	
○ MI, Tuscola	Human infections an...	2	2	
○ MI, Van Buren	Human infections an...	5	5	
○ MI, Washtenaw	Human infections an...	15	8	3
○ MI, Wayne	Human infections an...	484	435	34
○ MI, Wexford	Human infections an...	1	1	
○ MN, Aitkin	Non-human activity			
○ MN, Anoka	Human infections an...	24	18	3
○ MN, Becker	Human infections an...	17	3	
○ MN, Beltrami	Human infections an...	4	3	
○ MN, Benton	Human infections an...	2	2	1
○ MN, Big Stone	Human infections an...	21	5	7
○ MN, Blue Earth	Human infections an...	16	5	2
○ MN, Brown	Human infections an...	12	3	3
○ MN, Carlton	Non-human activity			
○ MN, Carver	Human infections an...	10	3	4
○ MN, Cass	Human infections an...	3	1	
○ MN, Chippewa	Human infections an...	11	4	1
○ MN, Chisago	Human infections an...	4	3	2
○ MN, Clay	Human infections an...	59	20	11
○ MN, Clearwater	Non-human activity			
○ MN, Cook	Non-human activity			
○ MN, Cottonwood	Human infections an...	15	7	3
○ MN, Crow Wing	Human infections an...	3	2	2
○ MN, Dakota	Human infections an...	33	20	11
○ MN, Dodge	Human infections an...	2	1	1
○ MN, Douglas	Human infections an...	9	2	2
○ MN, Faribault	Human infections an...	4	3	3
○ MN, Fillmore	Human infections an...	1	1	
○ MN, Freeborn	Human infections an...	2	2	1
○ MN, Goodhue	Human infections an...	2	2	
○ MN, Grant	Human infections an...	7	2	1
○ MN, Hennepin	Human infections an...	83	47	22
○ MN, Houston	Human infections an...			2
○ MN, Hubbard	Human infections an...	3	2	2
○ MN, Isanti	Human infections an...	6	1	
○ MN, Itasca	Human infections an...	1	1	2
○ MN, Jackson	Human infections an...	6	5	3
○ MN, Kanabec	Non-human activity			
○ MN, Kandiyohi	Human infections an...	21	9	2
○ MN, Kittson	Human infections an...	3	1	
○ MN, Koochiching	Human infections an...	2	2	
○ MN, Lac Qui Parle	Human infections an...	11	5	14
○ MN, Lake	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ MN, Lake Of The Woods	Non-human activity			
○ MN, Le Sueur	Human infections and deaths	3		3
○ MN, Lincoln	Human infections and deaths	13	3	2
○ MN, Lyon	Human infections and deaths	25	7	7
○ MN, Mcleod	Human infections and deaths	15	4	2
○ MN, Mahnomen	Human infections and deaths	2	1	
○ MN, Marshall	Human infections and deaths	8	4	
○ MN, Martin	Human infections and deaths	5	3	
○ MN, Meeker	Human infections and deaths	8	3	1
○ MN, Mille Lacs	Human infections and deaths	5	4	
○ MN, Morrison	Human infections and deaths	3	1	
○ MN, Mower	Human infections and deaths	5	3	1
○ MN, Murray	Human infections and deaths	14	5	2
○ MN, Nicollet	Human infections and deaths	2		1
○ MN, Nobles	Human infections and deaths	7	2	3
○ MN, Norman	Human infections and deaths	16	3	1
○ MN, Olmsted	Human infections and deaths	5	2	4
○ MN, Otter Tail	Human infections and deaths	26	13	1
○ MN, Pennington	Human infections and deaths	2		1
○ MN, Pine	Human infections and deaths	2	1	
○ MN, Pipestone	Human infections and deaths	5	4	
○ MN, Polk	Human infections and deaths	26	10	2
○ MN, Pope	Human infections and deaths	6	1	
○ MN, Ramsey	Human infections and deaths	39	23	14
○ MN, Red Lake	Human infections and deaths	1		
○ MN, Redwood	Human infections and deaths	20	6	9
○ MN, Renville	Human infections and deaths	10	2	7
○ MN, Rice	Human infections and deaths	8	5	1
○ MN, Rock	Human infections and deaths	8	5	2
○ MN, Roseau	Human infections and deaths	9	2	
○ MN, St Louis	Human infections and deaths	8	4	1
○ MN, Scott	Human infections and deaths	11	5	5
○ MN, Sherburne	Human infections and deaths	8	3	
○ MN, Sibley	Human infections and deaths	3	1	4
○ MN, Stearns	Human infections and deaths	27	18	4
○ MN, Steele	Human infections and deaths	3	2	
○ MN, Stevens	Human infections and deaths	20	6	3
○ MN, Swift	Human infections and deaths	7	2	5
○ MN, Todd	Human infections and deaths	5	1	1
○ MN, Traverse	Human infections and deaths	19	5	6
○ MN, Wabasha	Human infections and deaths	1	1	
○ MN, Wadena	Human infections and deaths	6	4	
○ MN, Waseca	Human infections and deaths	4		
○ MN, Washington	Human infections and deaths	11	4	2

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ MN, Watonwan	Human infections an...	5	3	
○ MN, Wilkin	Human infections an...	14	8	2
○ MN, Winona	Human infections an...	1	1	3
○ MN, Wright	Human infections an...	20	6	7
○ MN, Yellow Medi...	Human infections an...	15	7	6
○ MS, Adams	Human infections an...	35	20	1
○ MS, Alcorn	Human infections an...	2	2	
○ MS, Amite	Human infections an...	1		
○ MS, Attala	Human infections an...	7	5	1
○ MS, Benton	Non-human activity			
○ MS, Bolivar	Human infections an...	13	5	
○ MS, Calhoun	Human infections an...	18	9	
○ MS, Carroll	Human infections an...	1		1
○ MS, Chickasaw	Human infections an...	3	2	
○ MS, Choctaw	Non-human activity			
○ MS, Claiborne	Human infections an...	5	4	
○ MS, Clarke	Human infections an...	5	5	1
○ MS, Clay	Human infections an...	12	7	1
○ MS, Coahoma	Human infections an...	15	8	
○ MS, Copiah	Human infections an...	27	12	2
○ MS, Covington	Human infections an...	7	3	
○ MS, De Soto	Human infections an...	15	10	
○ MS, Forrest	Human infections an...	108	73	9
○ MS, Franklin	Human infections an...	1		1
○ MS, George	Human infections an...	2	2	
○ MS, Greene	Human infections an...	1	1	
○ MS, Grenada	Human infections an...	8	6	
○ MS, Hancock	Human infections an...	11	2	
○ MS, Harrison	Human infections an...	57	34	7
○ MS, Hinds	Human infections an...	271	166	16
○ MS, Holmes	Human infections an...	4	2	1
○ MS, Humphreys	Human infections an...	5	5	1
○ MS, Itawamba	Human infections an...	1	1	
○ MS, Jackson	Human infections an...	20	12	2
○ MS, Jasper	Human infections an...	7	5	
○ MS, Jefferson	Human infections an...	2	2	
○ MS, Jefferson Da...	Human infections an...	5	2	
○ MS, Jones	Human infections an...	57	31	3
○ MS, Kemper	Human infections an...	3	2	
○ MS, Lafayette	Non-human activity			
○ MS, Lamar	Human infections an...	37	24	1
○ MS, Lauderdale	Human infections an...	25	12	1
○ MS, Lawrence	Human infections an...	5	1	
○ MS, Leake	Human infections an...	11	6	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ MS, Lee	Human infections an...	13	7	1
○ MS, Leflore	Human infections an...	28	11	5
○ MS, Lincoln	Human infections an...	33	16	5
○ MS, Lowndes	Human infections an...	15	8	1
○ MS, Madison	Human infections an...	105	44	9
○ MS, Marion	Human infections an...	30	11	3
○ MS, Marshall	Human infections an...	1	1	1
○ MS, Monroe	Human infections an...	11	5	2
○ MS, Montgomery	Human infections an...	3	1	
○ MS, Neshoba	Human infections an...	14	6	
○ MS, Newton	Human infections an...	3	1	
○ MS, Noxubee	Human infections an...	2	2	
○ MS, Oktibbeha	Human infections an...	7	4	
○ MS, Panola	Human infections an...	9	7	1
○ MS, Pearl River	Human infections an...	25	21	2
○ MS, Perry	Human infections an...	12	6	
○ MS, Pike	Human infections an...	20	10	1
○ MS, Pontotoc	Human infections an...	2	1	
○ MS, Prentiss	Human infections an...	1	1	
○ MS, Quitman	Human infections an...	2	1	
○ MS, Rankin	Human infections an...	155	77	13
○ MS, Scott	Human infections an...	18	10	3
○ MS, Sharkey	Non-human activity			
○ MS, Simpson	Human infections an...	10	4	
○ MS, Smith	Human infections an...	4	3	1
○ MS, Stone	Human infections an...	6	3	1
○ MS, Sunflower	Human infections an...	19	9	
○ MS, Tallahatchie	Human infections an...	9	6	
○ MS, Tate	Human infections an...	4	1	1
○ MS, Tippah	Human infections an...	1		
○ MS, Tishomingo	Non-human activity			
○ MS, Tunica	Non-human activity			
○ MS, Union	Non-human activity			
○ MS, Walthall	Human infections an...	8	3	
○ MS, Warren	Human infections an...	15	9	
○ MS, Washington	Human infections an...	33	16	5
○ MS, Wayne	Human infections an...	16	5	1
○ MS, Webster	Non-human activity			
○ MS, Wilkinson	Human infections an...	1		
○ MS, Winston	Human infections an...	2		
○ MS, Yalobusha	Human infections an...	1		
○ MS, Yazoo	Human infections an...	18	12	
○ MO, Adair	Human infections an...	3	1	1
○ MO, Andrew	Human infections an...	1	1	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ MO, Atchison	Non-human activity			
○ MO, Audrain	Human infections an...	2	1	
○ MO, Barry	Non-human activity			
○ MO, Barton	Human infections an...	1	1	
○ MO, Bates	Non-human activity			
○ MO, Benton	Human infections an...	1		
○ MO, Bollinger	Human infections an...	1		
○ MO, Boone	Human infections an...	23	14	7
○ MO, Buchanan	Human infections an...	8	5	1
○ MO, Butler	Non-human activity			
○ MO, Caldwell	Human infections an...	1	1	
○ MO, Callaway	Human infections an...	5	3	1
○ MO, Camden	Human infections an...	2		
○ MO, Cape Girard...	Human infections an...	2		1
○ MO, Carroll	Human infections an...	3	3	
○ MO, Carter	Non-human activity			
○ MO, Cass	Human infections an...	5	3	
○ MO, Cedar	Human infections an...	1	1	
○ MO, Chariton	Human infections an...	2	1	
○ MO, Christian	Human infections an...	1	1	
○ MO, Clark	Human infections an...	1	1	
○ MO, Clay	Human infections an...	16	14	3
○ MO, Clinton	Human infections an...	3	2	1
○ MO, Cole	Human infections an...	6	3	2
○ MO, Cooper	Non-human activity			
○ MO, Crawford	Human infections an...	3	2	1
○ MO, Dade	Non-human activity			
○ MO, Dallas	Human infections an...			1
○ MO, Daviess	Human infections an...	3	3	1
○ MO, De Kalb	Non-human activity			
○ MO, Dent	Human infections an...	1	1	
○ MO, Douglas	Non-human activity			
○ MO, Dunklin	Human infections an...	3	3	
○ MO, Franklin	Human infections an...	3	2	3
○ MO, Gasconade	Non-human activity			
○ MO, Gentry	Non-human activity			
○ MO, Greene	Human infections an...	6	3	
○ MO, Grundy	Human infections an...			2
○ MO, Harrison	Human infections an...	1		1
○ MO, Henry	Human infections an...	1		
○ MO, Hickory	Human infections an...	2	1	
○ MO, Holt	Human infections an...	2	1	1
○ MO, Howard	Human infections an...	2	1	
○ MO, Howell	Human infections an...	3	3	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ MO, Iron	Human infections an...	1	1	
○ MO, Jackson	Human infections an...	70	54	8
○ MO, Jasper	Human infections an...	9	9	
○ MO, Jefferson	Human infections an...	15	12	1
○ MO, Johnson	Human infections an...	2		
○ MO, Knox	Non-human activity			
○ MO, Laclede	Human infections an...	10	9	
○ MO, Lafayette	Human infections an...	6	3	1
○ MO, Lawrence	Human infections an...	2	2	
○ MO, Lewis	Human infections an...	1	1	
○ MO, Lincoln	Non-human activity			
○ MO, Linn	Human infections an...	3	2	2
○ MO, Livingston	Human infections an...	1		
○ MO, Mcdonald	Human infections an...	1	1	
○ MO, Macon	Human infections an...	1	1	1
○ MO, Madison	Non-human activity			
○ MO, Maries	Non-human activity			
○ MO, Marion	Non-human activity			
○ MO, Mercer	Non-human activity			
○ MO, Miller	Human infections an...	5	3	2
○ MO, Mississippi	Human infections an...	1		
○ MO, Moniteau	Human infections an...	2	1	
○ MO, Monroe	Human infections an...	1		1
○ MO, Montgomery	Non-human activity			
○ MO, Morgan	Human infections an...	2	1	1
○ MO, New Madrid	Human infections an...	1		
○ MO, Newton	Human infections an...	1	1	
○ MO, Nodaway	Human infections an...	3	3	
○ MO, Oregon	Non-human activity			
○ MO, Osage	Human infections an...			1
○ MO, Ozark	Non-human activity			
○ MO, Pemiscot	Human infections an...	1		
○ MO, Perry	Non-human activity			
○ MO, Pettis	Human infections an...	2	1	
○ MO, Phelps	Human infections an...	3	3	
○ MO, Pike	Human infections an...	2	2	
○ MO, Platte	Human infections an...	3	2	1
○ MO, Polk	Non-human activity			
○ MO, Pulaski	Human infections an...	4	4	
○ MO, Putnam	Non-human activity			
○ MO, Ralls	Non-human activity			
○ MO, Randolph	Human infections an...	5	5	
○ MO, Ray	Human infections an...	2		2
○ MO, Reynolds	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ MO, Ripley	Non-human activity			
○ MO, St Charles	Human infections an...	23	19	6
○ MO, St Clair	Non-human activity			
○ MO, Ste. Genevi...	Human infections an...	1	1	
○ MO, St Francois	Human infections an...	2	2	
○ MO, St Louis	Human infections an...	156	114	12
○ MO, Saline	Human infections an...	3	2	
○ MO, Schuyler	Human infections an...	1	1	
○ MO, Scotland	Human infections an...	1	1	
○ MO, Scott	Human infections an...	3	1	
○ MO, Shannon	Human infections an...	2	1	
○ MO, Shelby	Human infections an...	1		
○ MO, Stoddard	Human infections an...	3	3	1
○ MO, Stone	Non-human activity			
○ MO, Sullivan	Non-human activity			
○ MO, Taney	Non-human activity			
○ MO, Texas	Human infections an...	2	2	
○ MO, Vernon	Human infections an...	3	3	
○ MO, Warren	Human infections an...			2
○ MO, Washington	Human infections an...	1	1	
○ MO, Wayne	Human infections an...			1
○ MO, Webster	Human infections an...	1	1	1
○ MO, Worth	Human infections an...	1	1	
○ MO, Wright	Human infections an...	1	1	
○ MO, St Louis City	Human infections an...	162	139	7
○ MT, Beaverhead	Non-human activity			
○ MT, Big Horn	Human infections an...	21	9	
○ MT, Blaine	Human infections an...	19	10	1
○ MT, Broadwater	Non-human activity			
○ MT, Carbon	Human infections an...	4	3	2
○ MT, Carter	Human infections an...	3		
○ MT, Cascade	Human infections an...	41	16	4
○ MT, Chouteau	Human infections an...	12	3	
○ MT, Custer	Human infections an...	54	9	2
○ MT, Daniels	Non-human activity			
○ MT, Dawson	Human infections an...	19	4	
○ MT, Fallon	Human infections an...	8	5	
○ MT, Fergus	Human infections an...	2		
○ MT, Flathead	Human infections an...	2	1	
○ MT, Gallatin	Human infections an...	5	2	1
○ MT, Garfield	Human infections an...	7	1	2
○ MT, Glacier	Human infections an...	3	1	1
○ MT, Golden Valley	Non-human activity			
○ MT, Hill	Human infections an...	30	8	3

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ MT, Jefferson	Human infections an...			1
○ MT, Judith Basin	Non-human activity			
○ MT, Lake	Human infections an...	4	2	1
○ MT, Lewis And Cl...	Human infections an...	15	4	3
○ MT, Liberty	Human infections an...	3		1
○ MT, Lincoln	Non-human activity			
○ MT, Mccone	Human infections an...	13	2	
○ MT, Madison	Human infections an...	2		
○ MT, Mineral	Human infections	1		
○ MT, Missoula	Human infections an...	3	1	
○ MT, Musselshell	Human infections an...	2	1	1
○ MT, Park	Human infections an...	2	1	
○ MT, Petroleum	Human infections an...	1		1
○ MT, Phillips	Human infections an...	20	1	
○ MT, Pondera	Human infections an...	7	2	
○ MT, Powder River	Human infections an...	7	1	
○ MT, Powell	Non-human activity			
○ MT, Prairie	Human infections an...	14	2	1
○ MT, Ravalli	Human infections an...	4	2	
○ MT, Richland	Human infections an...	26	8	1
○ MT, Roosevelt	Human infections an...	44	12	1
○ MT, Rosebud	Human infections an...	21	8	1
○ MT, Sanders	Human infections an...	5	2	
○ MT, Sheridan	Human infections an...	18	7	
○ MT, Silver Bow	Human infections	1	1	1
○ MT, Stillwater	Human infections an...	14	6	
○ MT, Sweet Grass	Human infections an...	1		
○ MT, Teton	Human infections an...	7	2	
○ MT, Toole	Human infections an...	7	3	1
○ MT, Treasure	Human infections an...	5	2	
○ MT, Valley	Human infections an...	44	12	1
○ MT, Wheatland	Human infections an...	1		
○ MT, Wibaux	Human infections an...	7	1	
○ MT, Yellowstone	Human infections an...	95	37	11
○ NE, Adams	Human infections an...	192	28	18
○ NE, Antelope	Human infections an...	12		7
○ NE, Arthur	Non-human activity			
○ NE, Banner	Human infections an...	5	2	1
○ NE, Blaine	Human infections an...	4		
○ NE, Boone	Human infections an...	50	9	7
○ NE, Box Butte	Human infections an...	36	3	1
○ NE, Boyd	Human infections an...	9	1	
○ NE, Brown	Human infections an...	35	6	2
○ NE, Buffalo	Human infections an...	277	43	24

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ NE, Burt	Human infections an...	14	5	3
○ NE, Butler	Human infections an...	32	12	7
○ NE, Cass	Human infections an...	15	9	5
○ NE, Cedar	Human infections an...	19	6	2
○ NE, Chase	Human infections an...	40	2	9
○ NE, Cherry	Human infections an...	22	4	1
○ NE, Cheyenne	Human infections an...	20	2	2
○ NE, Clay	Human infections an...	58	5	7
○ NE, Colfax	Human infections an...	26	6	9
○ NE, Cuming	Human infections an...	39	13	7
○ NE, Custer	Human infections an...	95	9	13
○ NE, Dakota	Human infections an...	8	2	4
○ NE, Dawes	Human infections an...	7	3	2
○ NE, Dawson	Human infections an...	143	22	11
○ NE, Deuel	Human infections an...	16	1	1
○ NE, Dixon	Human infections an...	9	3	4
○ NE, Dodge	Human infections an...	81	24	10
○ NE, Douglas	Human infections an...	300	124	68
○ NE, Dundy	Human infections an...	10	2	4
○ NE, Fillmore	Human infections an...	37	8	4
○ NE, Franklin	Human infections an...	16	2	4
○ NE, Frontier	Human infections an...	11	1	4
○ NE, Furnas	Human infections an...	41	6	7
○ NE, Gage	Human infections an...	51	17	7
○ NE, Garden	Human infections an...	24	2	
○ NE, Garfield	Human infections an...	20	1	4
○ NE, Gosper	Human infections an...	9	4	2
○ NE, Grant	Human infections an...	5	1	1
○ NE, Greeley	Human infections an...	12	2	4
○ NE, Hall	Human infections an...	231	55	27
○ NE, Hamilton	Human infections an...	93	13	10
○ NE, Harlan	Human infections an...	28	6	3
○ NE, Hayes	Human infections an...	5		
○ NE, Hitchcock	Human infections an...	14	1	2
○ NE, Holt	Human infections an...	66	14	8
○ NE, Hooker	Human infections an...	5	2	
○ NE, Howard	Human infections an...	23	5	9
○ NE, Jefferson	Human infections an...	17	3	2
○ NE, Johnson	Human infections an...	5	1	
○ NE, Kearney	Human infections an...	54	9	6
○ NE, Keith	Human infections an...	62	11	7
○ NE, Keya Paha	Human infections an...	6		1
○ NE, Kimball	Human infections an...	14		1
○ NE, Knox	Human infections an...	37	6	4

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ NE, Lancaster	Human infections an...	277	95	44
○ NE, Lincoln	Human infections an...	236	30	17
○ NE, Logan	Human infections an...	7	2	2
○ NE, Loup	Human infections an...	1		
○ NE, Mcpherson	Human infections an...	1	1	
○ NE, Madison	Human infections an...	54	16	17
○ NE, Merrick	Human infections an...	46	11	7
○ NE, Morrill	Human infections an...	39	8	1
○ NE, Nance	Human infections an...	13	1	5
○ NE, Nemaha	Human infections an...	10	1	2
○ NE, Nuckolls	Human infections an...	15	1	5
○ NE, Otoe	Human infections an...	17	7	5
○ NE, Pawnee	Human infections an...	4	1	3
○ NE, Perkins	Human infections an...	31	4	8
○ NE, Phelps	Human infections an...	76	9	11
○ NE, Pierce	Human infections an...	15	8	2
○ NE, Platte	Human infections an...	89	23	25
○ NE, Polk	Human infections an...	37	10	6
○ NE, Red Willow	Human infections an...	51	8	6
○ NE, Richardson	Human infections an...	6	2	
○ NE, Rock	Human infections an...	7		
○ NE, Saline	Human infections an...	49	11	11
○ NE, Sarpy	Human infections an...	93	42	22
○ NE, Saunders	Human infections an...	50	9	12
○ NE, Scotts Bluff	Human infections an...	181	36	5
○ NE, Seward	Human infections an...	48	9	4
○ NE, Sheridan	Human infections an...	28	6	
○ NE, Sherman	Human infections an...	20	1	7
○ NE, Sioux	Human infections an...	2		
○ NE, Stanton	Human infections an...	3		3
○ NE, Thayer	Human infections an...	32	4	4
○ NE, Thomas	Human infections an...	3		1
○ NE, Thurston	Human infections an...	4	2	
○ NE, Valley	Human infections an...	40	4	7
○ NE, Washington	Human infections an...	37	12	3
○ NE, Wayne	Human infections an...	8	1	2
○ NE, Webster	Human infections an...	21	3	
○ NE, Wheeler	Human infections an...	2		2
○ NE, York	Human infections an...	73	20	11
○ NV, Churchill	Human infections an...	57	23	4
○ NV, Clark	Human infections an...	142	103	41
○ NV, Douglas	Human infections an...	37	13	
○ NV, Elko	Human infections an...	29	6	
○ NV, Eureka	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ NV, Humboldt	Human infections an...	20	10	
○ NV, Lander	Human infections an...	2		
○ NV, Lincoln	Human infections an...	1		
○ NV, Lyon	Human infections an...	47	15	6
○ NV, Mineral	Human infections an...	1		
○ NV, Nye	Human infections an...	9	6	
○ NV, Pershing	Human infections an...	9		
○ NV, Storey	Non-human activity			
○ NV, Washoe	Human infections an...	60	26	10
○ NV, White Pine	Non-human activity			
○ NV, Carson City	Human infections an...	15	5	1
○ NH, Belknap	Human infections an...	1	1	
○ NH, Carroll	Non-human activity			
○ NH, Cheshire	Human infections an...	1	1	
○ NH, Grafton	Non-human activity			
○ NH, Hillsborough	Human infections an...	3	3	
○ NH, Merrimack	Non-human activity			
○ NH, Rockingham	Human infections an...	3	1	
○ NH, Strafford	Non-human activity			
○ NH, Sullivan	Non-human activity			
○ NJ, Atlantic	Human infections an...	8	4	1
○ NJ, Bergen	Human infections an...	42	31	1
○ NJ, Burlington	Human infections an...	35	22	5
○ NJ, Camden	Human infections an...	43	28	7
○ NJ, Cape May	Human infections an...	8	6	1
○ NJ, Cumberland	Human infections an...	11	6	
○ NJ, Essex	Human infections an...	23	14	1
○ NJ, Gloucester	Human infections an...	16	10	2
○ NJ, Hudson	Human infections an...	18	15	
○ NJ, Hunterdon	Human infections an...	8	6	1
○ NJ, Mercer	Human infections an...	19	13	1
○ NJ, Middlesex	Human infections an...	24	19	7
○ NJ, Monmouth	Human infections an...	35	21	3
○ NJ, Morris	Human infections an...	10	8	1
○ NJ, Ocean	Human infections an...	22	12	
○ NJ, Passaic	Human infections an...	14	10	
○ NJ, Salem	Human infections an...	3	2	
○ NJ, Somerset	Human infections an...	11	8	2
○ NJ, Sussex	Human infections an...	2		
○ NJ, Union	Human infections an...	23	19	
○ NJ, Warren	Human infections an...	5	5	
○ NM, Bernalillo	Human infections an...	130	76	9
○ NM, Catron	Non-human activity			
○ NM, Chaves	Human infections an...	27	15	11

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ NM, Cibola	Human infections an...	4	1	
○ NM, Colfax	Human infections an...	8	5	
○ NM, Curry	Human infections an...	46	18	
○ NM, De Baca	Human infections an...	4	1	
○ NM, Dona Ana	Human infections an...	93	56	19
○ NM, Eddy	Human infections an...	9	6	2
○ NM, Grant	Human infections an...	3	2	
○ NM, Guadalupe	Human infections an...	2	1	
○ NM, Harding	Human infections an...	1		
○ NM, Hidalgo	Non-human activity			
○ NM, Lea	Human infections an...	21	13	3
○ NM, Lincoln	Non-human activity			
○ NM, Los Alamos	Human infections an...	1		
○ NM, Luna	Human infections an...	9	6	1
○ NM, Mckinley	Human infections an...	8	6	
○ NM, Mora	Non-human activity			
○ NM, Otero	Human infections an...	1	1	
○ NM, Quay	Human infections an...	18	9	
○ NM, Rio Arriba	Human infections an...	30	15	1
○ NM, Roosevelt	Human infections an...	20	10	
○ NM, Sandoval	Human infections an...	48	27	4
○ NM, San Juan	Human infections an...	122	69	17
○ NM, San Miguel	Human infections an...	8	2	1
○ NM, Santa Fe	Human infections an...	27	18	
○ NM, Sierra	Human infections an...	2	2	
○ NM, Socorro	Human infections an...	7	1	2
○ NM, Taos	Human infections an...	11	6	1
○ NM, Torrance	Human infections an...	8	6	
○ NM, Union	Human infections an...	2		1
○ NM, Valencia	Human infections an...	35	21	4
○ NY, Albany	Human infections an...	5	2	3
○ NY, Allegany	Non-human activity			
○ NY, Bronx	Human infections an...	59	41	1
○ NY, Broome	Human infections an...	10	6	1
○ NY, Cattaraugus	Human infections an...	3	1	
○ NY, Cayuga	Human infections an...	1		
○ NY, Chautauqua	Non-human activity			
○ NY, Chemung	Human infections an...	1	1	
○ NY, Chenango	Human infections an...	1	1	
○ NY, Clinton	Human infections an...	1	1	
○ NY, Columbia	Human infections an...	1	1	1
○ NY, Cortland	Non-human activity			
○ NY, Delaware	Non-human activity			
○ NY, Dutchess	Human infections an...	9	5	1

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ NY, Erie	Human infections an...	29	19	6
○ NY, Essex	Non-human activity			
○ NY, Franklin	Non-human activity			
○ NY, Fulton	Non-human activity			
○ NY, Genesee	Human infections an...	1		
○ NY, Greene	Human infections an...	5	5	
○ NY, Hamilton	Non-human activity			
○ NY, Herkimer	Human infections an...	1		
○ NY, Jefferson	Human infections an...			1
○ NY, Kings	Human infections an...	111	82	11
○ NY, Lewis	Non-human activity			
○ NY, Livingston	Human infections an...	2	2	
○ NY, Madison	Non-human activity			
○ NY, Monroe	Human infections an...	20	15	4
○ NY, Montgomery	Non-human activity			
○ NY, Nassau	Human infections an...	253	185	16
○ NY, New York	Human infections an...	62	48	1
○ NY, Niagara	Human infections an...	6	5	1
○ NY, Oneida	Non-human activity			
○ NY, Onondaga	Human infections an...	24	16	1
○ NY, Ontario	Non-human activity			
○ NY, Orange	Human infections an...	2	1	
○ NY, Orleans	Human infections an...	1	1	
○ NY, Oswego	Human infections an...	5	5	
○ NY, Otsego	Non-human activity			
○ NY, Putnam	Human infections an...	1		
○ NY, Queens	Human infections an...	187	133	11
○ NY, Rensselaer	Human infections an...	2	2	2
○ NY, Richmond	Human infections an...	82	60	4
○ NY, Rockland	Human infections an...	6	4	
○ NY, St Lawrence	Human infections an...	3	1	
○ NY, Saratoga	Human infections an...	5	3	3
○ NY, Schenectady	Human infections an...	5	3	
○ NY, Schoharie	Non-human activity			
○ NY, Schuyler	Human infections an...	1	1	
○ NY, Seneca	Non-human activity			
○ NY, Steuben	Human infections an...	1	1	
○ NY, Suffolk	Human infections an...	142	96	20
○ NY, Sullivan	Non-human activity			
○ NY, Tioga	Human infections an...	1	1	
○ NY, Tompkins	Human infections an...	2	2	2
○ NY, Ulster	Human infections an...	3	1	1
○ NY, Warren	Human infections an...	2		
○ NY, Washington	Human infections an...	2	2	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ NY, Wayne	Human infections an...	2	1	
○ NY, Westchester	Human infections an...	62	41	
○ NY, Wyoming	Human infections an...	1	1	
○ NY, Yates	Human infections an...	2	2	
○ NC, Alamance	Human infections an...	2	2	
○ NC, Alexander	Non-human activity			
○ NC, Alleghany	Non-human activity			
○ NC, Anson	Non-human activity			
○ NC, Ashe	Human infections an...	1	1	
○ NC, Beaufort	Human infections an...	1	1	1
○ NC, Bertie	Non-human activity			
○ NC, Bladen	Non-human activity			
○ NC, Brunswick	Human infections an...	2	1	
○ NC, Buncombe	Human infections an...	2	2	
○ NC, Burke	Human infections an...	1	1	
○ NC, Cabarrus	Human infections an...	2	2	
○ NC, Caldwell	Non-human activity			
○ NC, Camden	Non-human activity			
○ NC, Carteret	Human infections an...	1	1	
○ NC, Caswell	Non-human activity			
○ NC, Catawba	Human infections an...	4	4	
○ NC, Chatham	Non-human activity			
○ NC, Cherokee	Non-human activity			
○ NC, Chowan	Non-human activity			
○ NC, Clay	Human infections an...	1	1	
○ NC, Cleveland	Human infections an...	1	1	
○ NC, Columbus	Human infections an...	1	1	
○ NC, Craven	Human infections an...	2	2	
○ NC, Cumberland	Human infections an...	8	6	1
○ NC, Currituck	Human infections an...	2	1	
○ NC, Dare	Human infections an...	1	1	
○ NC, Davidson	Non-human activity			
○ NC, Davie	Human infections an...	1	1	
○ NC, Duplin	Non-human activity			
○ NC, Durham	Human infections an...	4	4	
○ NC, Edgecombe	Non-human activity			
○ NC, Forsyth	Human infections an...	3	3	
○ NC, Franklin	Human infections an...	1	1	
○ NC, Gaston	Non-human activity			
○ NC, Gates	Non-human activity			
○ NC, Granville	Non-human activity			
○ NC, Greene	Non-human activity			
○ NC, Guilford	Human infections an...	5	4	
○ NC, Halifax	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ NC, Harnett	Human infections an...	1		
○ NC, Haywood	Human infections an...	1	1	
○ NC, Henderson	Non-human activity			
○ NC, Hertford	Human infections an...	1	1	
○ NC, Hoke	Human infections an...			1
○ NC, Hyde	Human infections an...	1		
○ NC, Iredell	Human infections an...	2	1	
○ NC, Jackson	Human infections an...	1		
○ NC, Johnston	Non-human activity			
○ NC, Jones	Non-human activity			
○ NC, Lee	Non-human activity			
○ NC, Lenoir	Human infections an...	2	2	
○ NC, Lincoln	Human infections an...	1	1	1
○ NC, Mcdowell	Non-human activity			
○ NC, Macon	Non-human activity			
○ NC, Madison	Non-human activity			
○ NC, Martin	Human infections an...	1	1	
○ NC, Mecklenburg	Human infections an...	20	18	5
○ NC, Mitchell	Non-human activity			
○ NC, Montgomery	Human infections an...	1	1	
○ NC, Moore	Non-human activity			
○ NC, Nash	Human infections an...	1	1	
○ NC, New Hanover	Human infections an...	3	3	2
○ NC, Northampton	Non-human activity			
○ NC, Onslow	Human infections an...	1	1	
○ NC, Orange	Non-human activity			
○ NC, Pamlico	Non-human activity			
○ NC, Pasquotank	Human infections an...	1		
○ NC, Pender	Non-human activity			
○ NC, Perquimans	Non-human activity			
○ NC, Person	Non-human activity			
○ NC, Pitt	Human infections an...	2	2	
○ NC, Polk	Non-human activity			
○ NC, Randolph	Human infections an...	1		
○ NC, Richmond	Non-human activity			
○ NC, Robeson	Non-human activity			
○ NC, Rockingham	Non-human activity			
○ NC, Rowan	Human infections an...	1	1	
○ NC, Rutherford	Non-human activity			
○ NC, Sampson	Non-human activity			
○ NC, Scotland	Human infections	1	1	
○ NC, Stanly	Non-human activity			
○ NC, Stokes	Non-human activity			
○ NC, Surry	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ NC, Swain	Non-human activity			
○ NC, Transylvania	Non-human activity			
○ NC, Tyrrell	Non-human activity			
○ NC, Union	Human infections and deaths	1	1	
○ NC, Vance	Human infections and deaths	1	1	
○ NC, Wake	Human infections and deaths	8	6	5
○ NC, Warren	Non-human activity			
○ NC, Washington	Non-human activity			
○ NC, Watauga	Human infections and deaths	2	2	
○ NC, Wayne	Human infections and deaths	1	1	
○ NC, Wilkes	Non-human activity			
○ NC, Wilson	Human infections and deaths	1	1	
○ NC, Yadkin	Non-human activity			
○ ND, Adams	Human infections and deaths	11	3	1
○ ND, Barnes	Human infections and deaths	32	13	7
○ ND, Benson	Human infections and deaths	18	7	
○ ND, Billings	Human infections and deaths	2	2	
○ ND, Bottineau	Human infections and deaths	14	5	2
○ ND, Bowman	Human infections and deaths	22	2	1
○ ND, Burke	Human infections and deaths	13	4	
○ ND, Burleigh	Human infections and deaths	380	68	48
○ ND, Cass	Human infections and deaths	185	50	27
○ ND, Cavalier	Human infections and deaths	6	2	
○ ND, Dickey	Human infections and deaths	50	10	3
○ ND, Divide	Human infections and deaths	5	1	
○ ND, Dunn	Human infections and deaths	22	5	
○ ND, Eddy	Human infections and deaths	5		
○ ND, Emmons	Human infections and deaths	23	6	1
○ ND, Foster	Human infections and deaths	14	4	2
○ ND, Golden Valley	Human infections and deaths	4	1	
○ ND, Grand Forks	Human infections and deaths	32	10	5
○ ND, Grant	Human infections and deaths	17	3	1
○ ND, Griggs	Human infections and deaths	11	4	2
○ ND, Hettinger	Human infections and deaths	10	2	2
○ ND, Kidder	Human infections and deaths	5	3	
○ ND, La Moure	Human infections and deaths	47	6	6
○ ND, Logan	Human infections and deaths	7	3	1
○ ND, McHenry	Human infections and deaths	33	7	1
○ ND, McIntosh	Human infections and deaths	15	6	
○ ND, Mckenzie	Human infections and deaths	29	3	2
○ ND, Mclean	Human infections and deaths	81	26	5
○ ND, Mercer	Human infections and deaths	63	8	3
○ ND, Morton	Human infections and deaths	141	22	13
○ ND, Mountrail	Human infections and deaths	30	8	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ ND, Nelson	Human infections an...	9	5	2
○ ND, Oliver	Human infections an...	12	1	
○ ND, Pembina	Human infections an...	4		2
○ ND, Pierce	Human infections an...	10	4	
○ ND, Ramsey	Human infections an...	40	6	4
○ ND, Ransom	Human infections an...	29	4	4
○ ND, Renville	Human infections an...	8		
○ ND, Richland	Human infections an...	50	15	10
○ ND, Rolette	Human infections an...	7	2	
○ ND, Sargent	Human infections an...	33	6	7
○ ND, Sheridan	Human infections an...	10	1	
○ ND, Sioux	Human infections an...	17	6	
○ ND, Slope	Human infections an...	3		
○ ND, Stark	Human infections an...	65	16	3
○ ND, Steele	Human infections an...	7	3	
○ ND, Stutsman	Human infections an...	96	23	5
○ ND, Towner	Human infections an...	5		
○ ND, Traill	Human infections an...	18	2	1
○ ND, Walsh	Human infections an...	24	9	6
○ ND, Ward	Human infections an...	114	28	16
○ ND, Wells	Human infections an...	20	4	2
○ ND, Williams	Human infections an...	72	9	9
○ OH, Adams	Human infections an...	2	2	
○ OH, Allen	Human infections an...	15	11	2
○ OH, Ashland	Human infections an...	1	1	3
○ OH, Ashtabula	Human infections an...	6	5	1
○ OH, Athens	Human infections an...	2	2	
○ OH, Auglaize	Human infections an...	9	6	5
○ OH, Belmont	Human infections an...	1	1	
○ OH, Brown	Human infections an...	2	2	
○ OH, Butler	Human infections an...	19	17	
○ OH, Carroll	Human infections an...	1	1	1
○ OH, Champaign	Human infections an...	3	3	1
○ OH, Clark	Human infections an...	37	27	1
○ OH, Clermont	Human infections an...	21	12	
○ OH, Clinton	Human infections an...	5	3	
○ OH, Columbiana	Human infections an...	2	1	1
○ OH, Coshocton	Human infections an...	1	1	1
○ OH, Crawford	Human infections an...			1
○ OH, Cuyahoga	Human infections an...	368	266	17
○ OH, Darke	Human infections an...	8	5	2
○ OH, Defiance	Human infections an...	11	4	
○ OH, Delaware	Human infections an...			1
○ OH, Erie	Human infections an...	4	4	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ OH, Fairfield	Human infections an...	2	2	4
○ OH, Fayette	Human infections an...	1		
○ OH, Franklin	Human infections an...	40	26	13
○ OH, Fulton	Human infections an...	10	8	
○ OH, Gallia	Non-human activity			
○ OH, Geauga	Human infections an...	5	2	1
○ OH, Greene	Human infections an...	5	1	1
○ OH, Guernsey	Human infections an...	2	2	
○ OH, Hamilton	Human infections an...	73	58	5
○ OH, Hancock	Human infections an...	13	7	2
○ OH, Hardin	Human infections an...	5	2	
○ OH, Harrison	Non-human activity			
○ OH, Henry	Human infections an...	2	2	1
○ OH, Highland	Non-human activity			
○ OH, Hocking	Non-human activity			
○ OH, Holmes	Human infections an...	10	8	5
○ OH, Huron	Human infections an...	5	2	
○ OH, Jackson	Human infections an...	2	2	
○ OH, Jefferson	Human infections an...	1	1	
○ OH, Knox	Human infections an...	3	3	
○ OH, Lake	Human infections an...	15	9	3
○ OH, Lawrence	Human infections an...	1	1	
○ OH, Licking	Human infections an...	8	6	1
○ OH, Logan	Human infections an...	3	2	
○ OH, Lorain	Human infections an...	31	24	1
○ OH, Lucas	Human infections an...	56	41	5
○ OH, Madison	Human infections an...	3	2	
○ OH, Mahoning	Human infections an...	11	8	
○ OH, Marion	Human infections an...	6	3	2
○ OH, Medina	Human infections an...	5	4	2
○ OH, Meigs	Human infections an...	1	1	1
○ OH, Mercer	Human infections an...	9	6	3
○ OH, Miami	Human infections an...	5	4	1
○ OH, Monroe	Non-human activity			
○ OH, Montgomery	Human infections an...	37	23	8
○ OH, Morgan	Human infections an...	1	1	
○ OH, Morrow	Non-human activity			
○ OH, Muskingum	Human infections an...	2	2	
○ OH, Noble	Human infections an...	1	1	
○ OH, Ottawa	Human infections an...	3	2	2
○ OH, Paulding	Human infections an...	4	3	
○ OH, Perry	Human infections an...	1		
○ OH, Pickaway	Human infections an...	1		
○ OH, Pike	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ OH, Portage	Human infections an...	4	4	1
○ OH, Preble	Human infections an...	6	5	
○ OH, Putnam	Human infections an...	15	8	1
○ OH, Richland	Human infections an...	4	4	
○ OH, Ross	Human infections an...	5	4	1
○ OH, Sandusky	Human infections an...	3	3	1
○ OH, Scioto	Human infections an...	1	1	
○ OH, Seneca	Human infections an...	2	1	1
○ OH, Shelby	Human infections an...	2	1	1
○ OH, Stark	Human infections an...	25	18	3
○ OH, Summit	Human infections an...	15	11	3
○ OH, Trumbull	Human infections an...	15	12	1
○ OH, Tuscarawas	Human infections an...	2	1	
○ OH, Union	Human infections an...	4	4	
○ OH, Van Wert	Human infections an...	6	1	1
○ OH, Vinton	Non-human activity			
○ OH, Warren	Human infections an...	8	7	
○ OH, Washington	Human infections an...	1		
○ OH, Wayne	Human infections an...	16	10	5
○ OH, Williams	Human infections an...	8	5	
○ OH, Wood	Human infections an...	18	12	1
○ OH, Wyandot	Human infections an...	8	5	1
○ OK, Adair	Non-human activity			
○ OK, Alfalfa	Human infections an...	2		
○ OK, Atoka	Human infections an...	2		
○ OK, Beaver	Human infections an...	6	5	2
○ OK, Beckham	Human infections an...	2	1	
○ OK, Blaine	Human infections an...	4	3	1
○ OK, Bryan	Human infections an...	7	3	1
○ OK, Caddo	Human infections an...	4	4	2
○ OK, Canadian	Human infections an...	24	16	5
○ OK, Carter	Human infections an...	53	31	14
○ OK, Cherokee	Human infections an...	2	1	
○ OK, Choctaw	Human infections an...	4	2	
○ OK, Cimarron	Human infections	3	3	2
○ OK, Cleveland	Human infections an...	38	22	5
○ OK, Coal	Human infections an...	1	1	
○ OK, Comanche	Human infections an...	24	19	29
○ OK, Cotton	Human infections an...	2	2	1
○ OK, Craig	Human infections an...	1		
○ OK, Creek	Human infections an...	5	4	1
○ OK, Custer	Human infections an...	9	3	2
○ OK, Delaware	Human infections an...	3	1	
○ OK, Dewey	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ OK, Ellis	Human infections an...	7	2	1
○ OK, Garfield	Human infections an...	20	14	12
○ OK, Garvin	Human infections an...	4	1	1
○ OK, Grady	Human infections an...	6	3	1
○ OK, Grant	Human infections an...	5	3	2
○ OK, Greer	Human infections an...	1		
○ OK, Harmon	Non-human activity			
○ OK, Harper	Human infections an...	3		1
○ OK, Haskell	Human infections an...	3	2	
○ OK, Hughes	Human infections an...	4	1	2
○ OK, Jackson	Human infections an...	7	4	4
○ OK, Jefferson	Human infections an...	2	2	3
○ OK, Johnston	Human infections an...	1	1	
○ OK, Kay	Human infections an...	7	4	4
○ OK, Kingfisher	Human infections an...	10	5	
○ OK, Kiowa	Human infections an...	4	3	1
○ OK, Latimer	Non-human activity			
○ OK, Le Flore	Human infections an...	7	5	1
○ OK, Lincoln	Human infections an...	3	3	1
○ OK, Logan	Human infections an...	7	3	
○ OK, Love	Human infections an...	2	1	1
○ OK, McClain	Human infections an...	5	3	
○ OK, McCurtain	Human infections an...	4	1	
○ OK, McIntosh	Human infections an...	3	2	
○ OK, Major	Human infections an...	2	1	2
○ OK, Marshall	Human infections an...	6		1
○ OK, Mayes	Human infections an...	6	6	1
○ OK, Murray	Human infections an...	2	1	
○ OK, Muskogee	Human infections an...	18	10	5
○ OK, Noble	Human infections an...	4	3	1
○ OK, Nowata	Human infections an...	3	2	1
○ OK, Okfuskee	Human infections an...	2	2	
○ OK, Oklahoma	Human infections an...	157	107	33
○ OK, Okmulgee	Human infections an...	15	10	2
○ OK, Osage	Human infections an...	6	2	1
○ OK, Ottawa	Human infections an...	6	5	
○ OK, Pawnee	Human infections an...	3		1
○ OK, Payne	Human infections an...	10	6	3
○ OK, Pittsburg	Human infections an...	37	11	5
○ OK, Pontotoc	Human infections an...	3	3	
○ OK, Pottawatomie	Human infections an...	15	12	2
○ OK, Pushmataha	Human infections an...	4	2	
○ OK, Roger Mills	Human infections an...	2		
○ OK, Rogers	Human infections an...	9	5	2

State, County	Activity	Total human disease cases	Neuroinvasive disease cases	**Presumptive viremia
OK, Seminole	Human infections and deaths	6	4	2
OK, Sequoyah	Human infections and deaths	3	3	
OK, Stephens	Human infections and deaths	14	9	2
OK, Texas	Human infections and deaths	35	26	1
OK, Tillman	Human infections and deaths	2	1	
OK, Tulsa	Human infections and deaths	141	96	28
OK, Wagoner	Human infections and deaths	8	6	
OK, Washington	Human infections and deaths	6	4	
OK, Washita	Human infections and deaths	3	1	1
OK, Woods	Human infections and deaths	3	1	
OK, Woodward	Human infections and deaths	10	4	
OR, Baker	Human infections and deaths	18	5	
OR, Benton	Human infections and deaths	2	1	
OR, Clackamas	Human infections and deaths	2	2	3
OR, Clatsop	Non-human activity			
OR, Columbia	Human infections and deaths	1		
OR, Coos	Human infections	1		1
OR, Crook	Non-human activity			
OR, Curry	Non-human activity			
OR, Deschutes	Human infections and deaths	4	2	
OR, Douglas	Human infections	2	1	
OR, Grant	Human infections and deaths	1	1	
OR, Harney	Human infections and deaths	12	5	1
OR, Jackson	Human infections and deaths	3	2	1
OR, Jefferson	Human infections and deaths	1	1	
OR, Josephine	Human infections and deaths	1		
OR, Klamath	Human infections and deaths	4	1	1
OR, Lake	Non-human activity			
OR, Lane	Human infections and deaths	3	2	1
OR, Lincoln	Non-human activity			
OR, Linn	Human infections and deaths	2	1	
OR, Malheur	Human infections and deaths	129	22	1
OR, Marion	Human infections and deaths	2	1	
OR, Morrow	Human infections and deaths	1		
OR, Multnomah	Human infections and deaths	1		2
OR, Polk	Non-human activity			
OR, Umatilla	Human infections and deaths	1		
OR, Union	Human infections and deaths	8	1	
OR, Wallowa	Human infections and deaths	1		
OR, Washington	Human infections and deaths			2
OR, Yamhill	Non-human activity			
PA, Adams	Human infections and deaths	18	13	
PA, Allegheny	Human infections and deaths	56	37	5
PA, Armstrong	Human infections and deaths	5	1	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ PA, Beaver	Human infections an...	5	4	
○ PA, Bedford	Human infections an...	2	2	2
○ PA, Berks	Human infections an...	21	15	3
○ PA, Blair	Non-human activity			
○ PA, Bradford	Non-human activity			
○ PA, Bucks	Human infections an...	44	32	6
○ PA, Butler	Human infections an...	5	3	
○ PA, Cambria	Human infections an...	2	1	1
○ PA, Cameron	Human infections an...	1	1	
○ PA, Carbon	Human infections an...	2	2	
○ PA, Centre	Human infections an...	6	4	
○ PA, Chester	Human infections an...	31	18	5
○ PA, Clarion	Non-human activity			
○ PA, Clearfield	Human infections an...	12	4	1
○ PA, Clinton	Human infections an...	4	4	
○ PA, Columbia	Human infections an...	1	1	
○ PA, Crawford	Non-human activity			
○ PA, Cumberland	Human infections an...	10	7	
○ PA, Dauphin	Human infections an...	14	8	1
○ PA, Delaware	Human infections an...	44	34	2
○ PA, Elk	Human infections an...	4	1	
○ PA, Erie	Human infections an...	10	6	1
○ PA, Fayette	Human infections an...	6	4	1
○ PA, Forest	Human infections an...	1	1	
○ PA, Franklin	Human infections an...	29	23	2
○ PA, Fulton	Non-human activity			
○ PA, Greene	Non-human activity			
○ PA, Huntingdon	Human infections an...	1	1	
○ PA, Indiana	Human infections an...	1		
○ PA, Jefferson	Human infections an...	4	3	
○ PA, Juniata	Human infections an...	2	2	
○ PA, Lackawanna	Human infections an...	7	5	
○ PA, Lancaster	Human infections an...	84	54	2
○ PA, Lawrence	Human infections an...	5	2	
○ PA, Lebanon	Human infections an...	23	9	5
○ PA, Lehigh	Human infections an...	10	9	
○ PA, Luzerne	Human infections an...	8	3	1
○ PA, Lycoming	Human infections an...	2	2	
○ PA, Mckean	Human infections an...	1	1	
○ PA, Mercer	Human infections an...	6	3	
○ PA, Mifflin	Human infections an...	1		
○ PA, Monroe	Human infections an...	7	3	
○ PA, Montgomery	Human infections an...	58	31	9
○ PA, Montour	Human infections an...	1	1	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ PA, Northampton	Human infections an...	7	4	1
○ PA, Northumberland	Human infections an...	7	7	
○ PA, Perry	Human infections an...	2		
○ PA, Philadelphia	Human infections an...	129	107	10
○ PA, Pike	Non-human activity			
○ PA, Potter	Human infections an...	1		
○ PA, Schuylkill	Human infections an...	3		
○ PA, Snyder	Human infections an...	1	1	
○ PA, Somerset	Human infections an...	1		
○ PA, Sullivan	Non-human activity			
○ PA, Susquehanna	Human infections an...	1	1	
○ PA, Tioga	Human infections an...	2	2	
○ PA, Union	Human infections an...	1	1	
○ PA, Venango	Human infections an...	1		1
○ PA, Warren	Non-human activity			
○ PA, Washington	Human infections an...	3	1	
○ PA, Wayne	Non-human activity			
○ PA, Westmoreland	Human infections an...	9	6	1
○ PA, Wyoming	Non-human activity			
○ PA, York	Human infections an...	46	27	2
○ RI, Bristol	Human infections an...	2	1	
○ RI, Kent	Human infections an...	1		
○ RI, Newport	Human infections an...	3	1	
○ RI, Providence	Human infections an...	16	14	1
○ RI, Washington	Human infections an...	3	1	
○ SC, Abbeville	Non-human activity			
○ SC, Aiken	Human infections an...	9	3	3
○ SC, Allendale	Non-human activity			
○ SC, Anderson	Human infections an...	4	4	3
○ SC, Bamberg	Non-human activity			
○ SC, Barnwell	Human infections an...	2	2	
○ SC, Beaufort	Human infections an...	2	1	
○ SC, Berkeley	Human infections an...			2
○ SC, Calhoun	Non-human activity			
○ SC, Charleston	Human infections an...	10	7	8
○ SC, Cherokee	Human infections an...	2	1	
○ SC, Chester	Human infections an...	2	1	1
○ SC, Chesterfield	Non-human activity			
○ SC, Clarendon	Non-human activity			
○ SC, Colleton	Non-human activity			
○ SC, Darlington	Human infections an...	3	3	
○ SC, Dillon	Human infections an...	1		
○ SC, Dorchester	Human infections an...	7	7	1
○ SC, Edgefield	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ SC, Fairfield	Non-human activity			
○ SC, Florence	Human infections an...	3	3	
○ SC, Georgetown	Non-human activity			
○ SC, Greenville	Human infections an...	9	9	2
○ SC, Greenwood	Human infections an...	5	2	3
○ SC, Hampton	Non-human activity			
○ SC, Horry	Human infections an...	9	8	1
○ SC, Jasper	Human infections an...	1		1
○ SC, Kershaw	Non-human activity			
○ SC, Lancaster	Non-human activity			
○ SC, Laurens	Human infections an...	1	1	2
○ SC, Lee	Non-human activity			
○ SC, Lexington	Human infections an...	8	5	1
○ SC, Marion	Human infections an...	1	1	
○ SC, Marlboro	Human infections an...	2	2	
○ SC, Newberry	Human infections an...	3	1	1
○ SC, Oconee	Human infections an...	4	3	
○ SC, Orangeburg	Human infections an...	3	2	1
○ SC, Pickens	Human infections an...	3	3	
○ SC, Richland	Human infections an...	11	9	3
○ SC, Saluda	Non-human activity			
○ SC, Spartanburg	Human infections an...	6	2	4
○ SC, Sumter	Human infections an...	2	2	
○ SC, Union	Human infections an...	3	3	
○ SC, Williamsburg	Non-human activity			
○ SC, York	Human infections an...	4	4	4
○ SD, Aurora	Human infections an...	14	4	1
○ SD, Beadle	Human infections an...	76	17	3
○ SD, Bennett	Human infections an...	16	3	
○ SD, Bon Homme	Human infections an...	22	8	4
○ SD, Brookings	Human infections an...	70	23	3
○ SD, Brown	Human infections an...	332	56	31
○ SD, Brule	Human infections an...	26	8	3
○ SD, Buffalo	Human infections an...	10	4	
○ SD, Butte	Human infections an...	68	11	6
○ SD, Campbell	Human infections an...	12	2	
○ SD, Charles Mix	Human infections an...	66	12	5
○ SD, Clark	Human infections an...	31	6	3
○ SD, Clay	Human infections an...	42	8	2
○ SD, Codington	Human infections an...	58	9	5
○ SD, Corson	Human infections an...	15	5	
○ SD, Custer	Human infections an...	7	1	
○ SD, Davison	Human infections an...	92	22	6
○ SD, Day	Human infections an...	36	7	2

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ SD, Deuel	Human infections an...	9	2	1
○ SD, Dewey	Human infections an...	45	17	2
○ SD, Douglas	Human infections an...	29	6	5
○ SD, Edmunds	Human infections an...	32	5	9
○ SD, Fall River	Human infections an...	31	10	
○ SD, Faulk	Human infections an...	28	6	3
○ SD, Grant	Human infections an...	25	2	3
○ SD, Gregory	Human infections an...	13		
○ SD, Haakon	Human infections an...	14	3	2
○ SD, Hamlin	Human infections an...	29	8	4
○ SD, Hand	Human infections an...	20	6	7
○ SD, Hanson	Human infections an...	22	5	3
○ SD, Harding	Human infections an...	7	3	
○ SD, Hughes	Human infections an...	104	16	8
○ SD, Hutchinson	Human infections an...	36	14	5
○ SD, Hyde	Human infections an...	9	1	
○ SD, Jackson	Human infections an...	13	5	
○ SD, Jerauld	Human infections an...	11	3	2
○ SD, Jones	Human infections an...	8	2	
○ SD, Kingsbury	Human infections an...	43	6	
○ SD, Lake	Human infections an...	38	10	2
○ SD, Lawrence	Human infections an...	41	4	3
○ SD, Lincoln	Human infections an...	68	22	6
○ SD, Lyman	Human infections an...	28	6	2
○ SD, Mccook	Human infections an...	24	6	
○ SD, Mcpherson	Human infections an...	17	4	
○ SD, Marshall	Human infections an...	57	7	6
○ SD, Meade	Human infections an...	52	11	2
○ SD, Mellette	Human infections an...	13	4	
○ SD, Miner	Human infections an...	13	4	1
○ SD, Minnehaha	Human infections an...	186	58	27
○ SD, Moody	Human infections an...	12	3	2
○ SD, Oglala Lakot...	Human infections an...	39	17	
○ SD, Pennington	Human infections an...	217	53	29
○ SD, Perkins	Human infections an...	27	1	1
○ SD, Potter	Human infections an...	28	6	3
○ SD, Roberts	Human infections an...	37	6	6
○ SD, Sanborn	Human infections an...	29	5	3
○ SD, Spink	Human infections an...	59	11	4
○ SD, Stanley	Human infections an...	17	3	1
○ SD, Sully	Human infections an...	15	3	
○ SD, Todd	Human infections an...	23	9	1
○ SD, Tripp	Human infections an...	36	6	3
○ SD, Turner	Human infections an...	44	10	5

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ SD, Union	Human infections an...	30	13	6
○ SD, Walworth	Human infections an...	29	11	1
○ SD, Yankton	Human infections an...	43	13	7
○ SD, Ziebach	Human infections an...	8		
○ TN, Anderson	Non-human activity			
○ TN, Bedford	Human infections an...	3	3	
○ TN, Benton	Non-human activity			
○ TN, Bledsoe	Non-human activity			
○ TN, Blount	Human infections an...	2	2	
○ TN, Bradley	Human infections an...	1		
○ TN, Campbell	Non-human activity			
○ TN, Cannon	Non-human activity			
○ TN, Carroll	Non-human activity			
○ TN, Carter	Human infections an...	5	4	
○ TN, Cheatham	Human infections an...	1		
○ TN, Chester	Human infections an...	1	1	
○ TN, Claiborne	Non-human activity			
○ TN, Clay	Non-human activity			
○ TN, Cocke	Human infections an...	1	1	
○ TN, Coffee	Non-human activity			
○ TN, Crockett	Human infections an...	9	4	
○ TN, Cumberland	Human infections an...	2	1	
○ TN, Davidson	Human infections an...	25	15	3
○ TN, Decatur	Non-human activity			
○ TN, De Kalb	Non-human activity			
○ TN, Dickson	Non-human activity			
○ TN, Dyer	Human infections an...	2		
○ TN, Fayette	Human infections an...	1	1	
○ TN, Fentress	Non-human activity			
○ TN, Franklin	Non-human activity			
○ TN, Gibson	Human infections an...	5	5	
○ TN, Giles	Non-human activity			
○ TN, Grainger	Human infections an...	1	1	
○ TN, Greene	Human infections an...	4	4	
○ TN, Hamblen	Human infections an...	1	1	
○ TN, Hamilton	Human infections an...	13	13	
○ TN, Hardeman	Non-human activity			
○ TN, Hardin	Human infections an...	1		
○ TN, Hawkins	Human infections an...	1	1	
○ TN, Haywood	Human infections an...	3	2	1
○ TN, Henderson	Human infections an...	1	1	1
○ TN, Henry	Non-human activity			
○ TN, Hickman	Human infections an...	2	2	
○ TN, Humphreys	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ TN, Jackson	Non-human activity			
○ TN, Jefferson	Human infections an...	1	1	
○ TN, Johnson	Human infections an...	2	1	
○ TN, Knox	Human infections an...	8	5	1
○ TN, Lake	Human infections an...	1	1	
○ TN, Lauderdale	Non-human activity			
○ TN, Lawrence	Human infections an...	2	2	
○ TN, Lewis	Non-human activity			
○ TN, Lincoln	Human infections an...	1	1	
○ TN, Loudon	Non-human activity			
○ TN, McMinn	Human infections an...	1		
○ TN, McNairy	Non-human activity			
○ TN, Macon	Human infections an...	1		1
○ TN, Madison	Human infections an...	5	3	
○ TN, Marion	Human infections an...	1		
○ TN, Marshall	Human infections an...			1
○ TN, Maury	Non-human activity			
○ TN, Meigs	Human infections an...	1	1	
○ TN, Monroe	Human infections an...	2	1	
○ TN, Montgomery	Human infections an...	3	2	
○ TN, Moore	Non-human activity			
○ TN, Morgan	Human infections an...	1	1	
○ TN, Obion	Human infections an...	2	1	1
○ TN, Overton	Non-human activity			
○ TN, Polk	Non-human activity			
○ TN, Putnam	Human infections an...	2	2	
○ TN, Rhea	Non-human activity			
○ TN, Roane	Human infections an...	1	1	
○ TN, Robertson	Human infections an...	1	1	
○ TN, Rutherford	Human infections an...	8	7	
○ TN, Scott	Non-human activity			
○ TN, Sequatchie	Non-human activity			
○ TN, Sevier	Human infections an...	2	2	
○ TN, Shelby	Human infections an...	179	134	6
○ TN, Smith	Non-human activity			
○ TN, Stewart	Non-human activity			
○ TN, Sullivan	Human infections an...	7	6	1
○ TN, Sumner	Human infections an...	6	3	1
○ TN, Tipton	Human infections an...	3	2	
○ TN, Trousdale	Non-human activity			
○ TN, Union	Non-human activity			
○ TN, Warren	Human infections an...	2		
○ TN, Washington	Human infections an...	6	4	1
○ TN, Weakley	Human infections an...	3	2	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ TN, White	Non-human activity			
○ TN, Williamson	Human infections and surveillance	1	1	
○ TN, Wilson	Human infections and surveillance	2	2	
○ TX, Anderson	Human infections and surveillance	4	4	1
○ TX, Andrews	Human infections and surveillance	26	18	
○ TX, Angelina	Human infections and surveillance	79	55	6
○ TX, Aransas	Non-human activity			
○ TX, Archer	Human infections and surveillance	2		
○ TX, Armstrong	Human infections and surveillance	3	3	2
○ TX, Atascosa	Non-human activity			
○ TX, Austin	Human infections and surveillance	3	2	
○ TX, Bailey	Human infections and surveillance	20	9	
○ TX, Bandera	Non-human activity			
○ TX, Bastrop	Human infections and surveillance	13	6	2
○ TX, Baylor	Human infections and surveillance	4	4	1
○ TX, Bee	Human infections and surveillance	1	1	1
○ TX, Bell	Human infections and surveillance	15	11	4
○ TX, Bexar	Human infections and surveillance	85	58	17
○ TX, Blanco	Human infections and surveillance	2	2	
○ TX, Bosque	Human infections and surveillance	2	2	
○ TX, Bowie	Human infections and surveillance	21	13	4
○ TX, Brazoria	Human infections and surveillance	29	18	2
○ TX, Brazos	Human infections and surveillance	51	30	4
○ TX, Brewster	Human infections and surveillance	1		
○ TX, Briscoe	Human infections and surveillance	9	1	
○ TX, Brooks	Non-human activity			
○ TX, Brown	Human infections and surveillance	6	3	1
○ TX, Burleson	Human infections and surveillance	2		
○ TX, Burnet	Human infections and surveillance	4	2	
○ TX, Caldwell	Human infections and surveillance	2	2	
○ TX, Calhoun	Human infections and surveillance	2	2	
○ TX, Callahan	Human infections and surveillance	7	4	
○ TX, Cameron	Human infections and surveillance	35	21	2
○ TX, Camp	Human infections and surveillance	1	1	1
○ TX, Carson	Human infections and surveillance	10	5	6
○ TX, Cass	Human infections and surveillance	6	2	1
○ TX, Castro	Human infections and surveillance	36	8	3
○ TX, Chambers	Human infections and surveillance	4	3	1
○ TX, Cherokee	Human infections and surveillance	11	5	
○ TX, Childress	Human infections and surveillance	5	4	1
○ TX, Clay	Human infections and surveillance	5	4	
○ TX, Cochran	Human infections and surveillance	7	3	
○ TX, Coke	Human infections and surveillance	2	1	1
○ TX, Coleman	Human infections and surveillance	1	1	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ TX, Collin	Human infections an...	159	82	17
○ TX, Collingsworth	Human infections an...	2		
○ TX, Colorado	Human infections an...	4	3	
○ TX, Comal	Human infections an...	4	2	
○ TX, Comanche	Human infections an...	3	1	
○ TX, Concho	Human infections an...	3	3	
○ TX, Cooke	Human infections an...	17	11	
○ TX, Coryell	Human infections an...	2	2	1
○ TX, Cottle	Human infections an...	1		
○ TX, Crosby	Human infections an...	20	9	3
○ TX, Dallam	Human infections an...	6	2	2
○ TX, Dallas	Human infections an...	862	509	54
○ TX, Dawson	Human infections an...	8	7	
○ TX, Deaf Smith	Human infections an...	27	13	2
○ TX, Delta	Non-human activity			
○ TX, Denton	Human infections an...	284	114	22
○ TX, De Witt	Human infections an...	3	1	1
○ TX, Dickens	Human infections an...	2	1	1
○ TX, Dimmit	Human infections	1	1	
○ TX, Donley	Human infections an...	5	3	
○ TX, Duval	Non-human activity			
○ TX, Eastland	Human infections an...	2	2	
○ TX, Ector	Human infections an...	33	21	3
○ TX, Edwards	Non-human activity			
○ TX, Ellis	Human infections an...	43	25	4
○ TX, El Paso	Human infections an...	359	291	60
○ TX, Erath	Human infections an...	5	2	1
○ TX, Falls	Human infections an...	3	2	
○ TX, Fannin	Human infections an...	2	1	1
○ TX, Fayette	Human infections an...	5	1	
○ TX, Fisher	Human infections an...	2		1
○ TX, Floyd	Human infections an...	24	12	3
○ TX, Foard	Human infections an...	2	2	
○ TX, Fort Bend	Human infections an...	35	22	5
○ TX, Franklin	Human infections an...	3	2	2
○ TX, Freestone	Human infections an...	7	6	
○ TX, Frio	Human infections an...	3	1	1
○ TX, Gaines	Human infections an...	7	2	
○ TX, Galveston	Human infections an...	25	21	9
○ TX, Garza	Human infections an...	1	1	2
○ TX, Gillespie	Non-human activity			
○ TX, Glasscock	Human infections an...	4	3	1
○ TX, Goliad	Non-human activity			
○ TX, Gonzales	Human infections an...	1	1	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ TX, Gray	Human infections an...	7	7	
○ TX, Grayson	Human infections an...	21	12	1
○ TX, Gregg	Human infections an...	55	34	4
○ TX, Grimes	Human infections an...	8	6	
○ TX, Guadalupe	Human infections an...	8	5	2
○ TX, Hale	Human infections an...	63	26	4
○ TX, Hall	Human infections an...	5	2	
○ TX, Hamilton	Human infections an...	1		
○ TX, Hansford	Human infections an...	12	5	1
○ TX, Hardeman	Human infections an...	1	1	
○ TX, Hardin	Human infections an...	6	3	3
○ TX, Harris	Human infections an...	733	577	136
○ TX, Harrison	Human infections an...	9	5	4
○ TX, Hartley	Human infections an...	1		
○ TX, Haskell	Human infections an...	6	3	
○ TX, Hays	Human infections an...	7	6	
○ TX, Hemphill	Human infections an...	4	1	
○ TX, Henderson	Human infections an...	13	9	
○ TX, Hidalgo	Human infections an...	46	35	5
○ TX, Hill	Human infections an...	5	3	4
○ TX, Hockley	Human infections an...	20	14	6
○ TX, Hood	Human infections an...	13	8	1
○ TX, Hopkins	Human infections an...	11	6	1
○ TX, Houston	Human infections an...	1	1	
○ TX, Howard	Human infections an...	8	5	
○ TX, Hudspeth	Human infections an...	2	2	
○ TX, Hunt	Human infections an...	34	23	3
○ TX, Hutchinson	Human infections an...	9	7	1
○ TX, Irion	Human infections an...	2	1	
○ TX, Jack	Human infections an...	2	1	
○ TX, Jackson	Human infections an...	2	2	
○ TX, Jasper	Human infections an...	1	1	
○ TX, Jeff Davis	Human infections an...	1	1	
○ TX, Jefferson	Human infections an...	83	53	5
○ TX, Jim Hogg	Non-human activity			
○ TX, Jim Wells	Human infections an...	5	2	1
○ TX, Johnson	Human infections an...	34	24	4
○ TX, Jones	Human infections an...	7	3	
○ TX, Karnes	Human infections an...	1	1	
○ TX, Kaufman	Human infections an...	20	13	1
○ TX, Kendall	Human infections an...	1	1	
○ TX, Kenedy	Non-human activity			
○ TX, Kerr	Human infections an...	1		
○ TX, Kimble	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ TX, King	Human infections an...	1	1	
○ TX, Kinney	Non-human activity			
○ TX, Kleberg	Human infections an...	2	2	
○ TX, Knox	Human infections an...	3	3	
○ TX, Lamar	Human infections an...	14	7	
○ TX, Lamb	Human infections an...	26	9	
○ TX, Lampasas	Non-human activity			
○ TX, La Salle	Non-human activity			
○ TX, Lavaca	Human infections an...	2	1	
○ TX, Lee	Human infections an...	1		
○ TX, Leon	Human infections an...	2	1	
○ TX, Liberty	Human infections an...	15	14	2
○ TX, Limestone	Human infections an...	7	4	1
○ TX, Lipscomb	Human infections an...	3	1	1
○ TX, Live Oak	Non-human activity			
○ TX, Llano	Non-human activity			
○ TX, Lubbock	Human infections an...	154	100	21
○ TX, Lynn	Human infections an...	3	1	1
○ TX, Mcculloch	Human infections an...	1		
○ TX, McLennan	Human infections an...	63	46	3
○ TX, McMullen	Non-human activity			
○ TX, Madison	Human infections an...	1		
○ TX, Marion	Non-human activity			
○ TX, Martin	Human infections an...	2	2	1
○ TX, Mason	Non-human activity			
○ TX, Matagorda	Human infections an...	2	1	1
○ TX, Maverick	Human infections an...	1	1	
○ TX, Medina	Non-human activity			
○ TX, Menard	Non-human activity			
○ TX, Midland	Human infections an...	36	20	4
○ TX, Milam	Human infections an...	3	3	
○ TX, Mills	Human infections an...	1		
○ TX, Mitchell	Human infections an...	3	1	
○ TX, Montague	Human infections an...	2	1	
○ TX, Montgomery	Human infections an...	168	124	33
○ TX, Moore	Human infections an...	8	8	1
○ TX, Morris	Non-human activity			
○ TX, Motley	Human infections an...	3	2	
○ TX, Nacogdoches	Human infections an...	6	5	1
○ TX, Navarro	Human infections an...	20	11	1
○ TX, Newton	Human infections an...	3	3	
○ TX, Nolan	Human infections an...	3	1	1
○ TX, Nueces	Human infections an...	62	38	3
○ TX, Ochiltree	Human infections an...	4	2	2

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ TX, Oldham	Human infections an...	6	3	1
○ TX, Orange	Human infections an...	32	23	8
○ TX, Palo Pinto	Human infections an...	4	4	1
○ TX, Panola	Human infections an...	12	7	
○ TX, Parker	Human infections an...	12	11	3
○ TX, Parmer	Human infections an...	21	7	3
○ TX, Pecos	Human infections an...	2	2	1
○ TX, Polk	Human infections an...	6	5	
○ TX, Potter	Human infections an...	47	26	27
○ TX, Presidio	Human infections an...	3	1	
○ TX, Rains	Human infections an...	2	2	
○ TX, Randall	Human infections an...	124	67	18
○ TX, Red River	Human infections an...	3	2	1
○ TX, Reeves	Human infections an...	1	1	1
○ TX, Refugio	Non-human activity			
○ TX, Roberts	Human infections an...	2	2	
○ TX, Robertson	Human infections an...	4	2	
○ TX, Rockwall	Human infections an...	5	3	
○ TX, Runnels	Human infections an...	7	4	
○ TX, Rusk	Human infections an...	21	15	1
○ TX, Sabine	Human infections an...	1		
○ TX, San Jacinto	Human infections an...	1	1	
○ TX, San Patricio	Human infections an...	10	7	
○ TX, San Saba	Non-human activity			
○ TX, Schleicher	Human infections an...	6	1	
○ TX, Scurry	Human infections an...	7	3	1
○ TX, Shackelford	Human infections an...	1	1	
○ TX, Shelby	Human infections an...	2	1	1
○ TX, Sherman	Human infections an...	5	4	
○ TX, Smith	Human infections an...	53	35	4
○ TX, Somervell	Non-human activity			
○ TX, Starr	Human infections an...	4	3	
○ TX, Stephens	Human infections an...	6	3	
○ TX, Sterling	Human infections an...	2	2	
○ TX, Stonewall	Human infections an...	2	1	
○ TX, Swisher	Human infections an...	22	7	1
○ TX, Tarrant	Human infections an...	616	331	67
○ TX, Taylor	Human infections an...	20	16	
○ TX, Terrell	Human infections an...	1		
○ TX, Terry	Human infections an...	3	2	2
○ TX, Throckmorton	Non-human activity			
○ TX, Titus	Human infections an...	13	7	1
○ TX, Tom Green	Human infections an...	24	12	3
○ TX, Travis	Human infections an...	216	103	12

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ TX, Trinity	Human infections an...	4	3	
○ TX, Tyler	Human infections an...	3	1	
○ TX, Upshur	Human infections an...	6	3	1
○ TX, Upton	Human infections an...			1
○ TX, Uvalde	Human infections an...	4	4	
○ TX, Val Verde	Human infections an...	3	2	
○ TX, Van Zandt	Human infections an...	18	9	3
○ TX, Victoria	Human infections an...	5	4	1
○ TX, Walker	Human infections an...	12	9	1
○ TX, Waller	Human infections an...	9	8	1
○ TX, Washington	Human infections an...	4	3	2
○ TX, Webb	Human infections an...	10	9	
○ TX, Wharton	Human infections an...	9	9	3
○ TX, Wheeler	Human infections an...	3	3	
○ TX, Wichita	Human infections an...	22	14	3
○ TX, Wilbarger	Non-human activity			
○ TX, Willacy	Human infections an...	5	3	
○ TX, Williamson	Human infections an...	37	21	3
○ TX, Wilson	Human infections an...	2	1	
○ TX, Winkler	Non-human activity			
○ TX, Wise	Human infections an...	7	5	1
○ TX, Wood	Human infections an...	8	3	
○ TX, Yoakum	Human infections an...	3	1	
○ TX, Young	Human infections an...	4	3	2
○ TX, Zapata	Human infections an...	2		
○ TX, Zavala	Human infections an...	3	3	
○ UT, Beaver	Non-human activity			
○ UT, Box Elder	Human infections an...	18	7	1
○ UT, Cache	Human infections an...	21	8	3
○ UT, Carbon	Human infections an...	4	1	
○ UT, Daggett	Non-human activity			
○ UT, Davis	Human infections an...	45	23	3
○ UT, Duchesne	Human infections an...	21	4	1
○ UT, Emery	Human infections an...			1
○ UT, Grand	Human infections an...	6	2	
○ UT, Iron	Human infections an...	2		
○ UT, Juab	Human infections an...	1		
○ UT, Kane	Human infections an...	1		1
○ UT, Millard	Human infections an...	1	1	
○ UT, Morgan	Non-human activity			
○ UT, Piute	Non-human activity			
○ UT, Salt Lake	Human infections an...	176	92	23
○ UT, San Juan	Human infections an...	5	3	
○ UT, Sanpete	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ UT, Sevier	Human infections an...	1	1	
○ UT, Summit	Human infections an...	1		
○ UT, Tooele	Human infections an...	8	4	1
○ UT, Uintah	Human infections an...	30	14	
○ UT, Utah	Human infections an...	95	39	16
○ UT, Wasatch	Non-human activity			
○ UT, Washington	Human infections an...	25	11	4
○ UT, Wayne	Non-human activity			
○ UT, Weber	Human infections an...	28	17	1
○ VT, Addison	Human infections an...	4	2	
○ VT, Bennington	Human infections an...	1	1	
○ VT, Caledonia	Non-human activity			
○ VT, Chittenden	Human infections an...	2	2	1
○ VT, Essex	Human infections an...	1		
○ VT, Franklin	Human infections an...	2	1	1
○ VT, Grand Isle	Human infections an...	2	1	
○ VT, Lamoille	Human infections an...	1		
○ VT, Orange	Non-human activity			
○ VT, Orleans	Non-human activity			
○ VT, Rutland	Human infections an...	1		
○ VT, Washington	Non-human activity			
○ VT, Windham	Human infections an...	1		
○ VT, Windsor	Human infections an...	2	2	
○ VA, Accomack	Human infections an...	1	1	
○ VA, Albemarle	Human infections an...	1	1	
○ VA, Alleghany	Non-human activity			
○ VA, Amelia	Non-human activity			
○ VA, Amherst	Non-human activity			
○ VA, Appomattox	Non-human activity			
○ VA, Arlington	Human infections an...	18	9	1
○ VA, Augusta	Human infections an...	3	3	
○ VA, Bath	Non-human activity			
○ VA, Bedford	Human infections an...	1	1	
○ VA, Bland	Non-human activity			
○ VA, Botetourt	Human infections an...	1	1	
○ VA, Brunswick	Non-human activity			
○ VA, Buckingham	Non-human activity			
○ VA, Campbell	Human infections an...	1	1	1
○ VA, Caroline	Non-human activity			
○ VA, Carroll	Non-human activity			
○ VA, Charles City	Non-human activity			
○ VA, Charlotte	Non-human activity			
○ VA, Chesterfield	Human infections an...	4	3	1
○ VA, Clarke	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ VA, Craig	Non-human activity			
○ VA, Culpeper	Human infections an...	1	1	
○ VA, Cumberland	Non-human activity			
○ VA, Dickenson	Non-human activity			
○ VA, Dinwiddie	Human infections an...			2
○ VA, Essex	Non-human activity			
○ VA, Fairfax	Human infections an...	64	40	7
○ VA, Fauquier	Human infections an...	2		
○ VA, Floyd	Non-human activity			
○ VA, Fluvanna	Non-human activity			
○ VA, Franklin	Non-human activity			
○ VA, Frederick	Human infections an...	4	3	1
○ VA, Giles	Non-human activity			
○ VA, Gloucester	Human infections an...	1	1	
○ VA, Goochland	Non-human activity			
○ VA, Grayson	Non-human activity			
○ VA, Greene	Human infections an...	3	2	
○ VA, Greensville	Non-human activity			
○ VA, Halifax	Non-human activity			
○ VA, Hanover	Human infections an...	2	2	
○ VA, Henrico	Human infections an...	6	5	1
○ VA, Henry	Non-human activity			
○ VA, Highland	Non-human activity			
○ VA, Isle Of Wight	Human infections an...	1	1	
○ VA, James City	Non-human activity			
○ VA, King And Qu...	Non-human activity			
○ VA, King George	Non-human activity			
○ VA, King William	Non-human activity			
○ VA, Lancaster	Non-human activity			
○ VA, Lee	Non-human activity			
○ VA, Loudoun	Human infections an...	9	6	1
○ VA, Louisa	Non-human activity			
○ VA, Lunenburg	Non-human activity			
○ VA, Madison	Human infections an...	1	1	
○ VA, Mathews	Human infections an...	2	1	
○ VA, Mecklenburg	Human infections an...	1	1	
○ VA, Middlesex	Non-human activity			
○ VA, Montgomery	Human infections an...	1		
○ VA, Nelson	Non-human activity			
○ VA, New Kent	Non-human activity			
○ VA, Northampton	Non-human activity			
○ VA, Northumberl...	Human infections an...	1	1	
○ VA, Nottoway	Non-human activity			
○ VA, Orange	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ VA, Page	Non-human activity			
○ VA, Patrick	Non-human activity			
○ VA, Pittsylvania	Non-human activity			
○ VA, Powhatan	Human infections an...	1	1	
○ VA, Prince Edward	Human infections an...	1	1	
○ VA, Prince George	Human infections an...	1	1	
○ VA, Prince William	Human infections an...	12	8	3
○ VA, Pulaski	Non-human activity			
○ VA, Rappahannock	Human infections an...	1		
○ VA, Richmond	Non-human activity			
○ VA, Roanoke	Human infections an...	4	3	
○ VA, Rockbridge	Non-human activity			
○ VA, Rockingham	Human infections an...	11	10	6
○ VA, Russell	Non-human activity			
○ VA, Scott	Non-human activity			
○ VA, Shenandoah	Human infections an...	1	1	1
○ VA, Smyth	Non-human activity			
○ VA, Southampton	Non-human activity			
○ VA, Spotsylvania	Human infections an...	2	1	
○ VA, Stafford	Human infections an...			1
○ VA, Surry	Non-human activity			
○ VA, Sussex	Non-human activity			
○ VA, Tazewell	Non-human activity			
○ VA, Warren	Human infections an...	2	2	
○ VA, Washington	Non-human activity			
○ VA, Westmoreland	Non-human activity			
○ VA, Wise	Non-human activity			
○ VA, Wythe	Non-human activity			
○ VA, York	Non-human activity			
○ VA, Alexandria City	Human infections an...	14	9	1
○ VA, Bristol City	Non-human activity			
○ VA, Buena Vista ...	Non-human activity			
○ VA, Chesapeake ...	Human infections an...	3	3	
○ VA, Colonial Heig...	Human infections an...	1	1	
○ VA, Danville City	Non-human activity			
○ VA, Fairfax City	Non-human activity			
○ VA, Falls Church ...	Human infections an...			1
○ VA, Franklin City	Non-human activity			
○ VA, Fredericksbu...	Human infections an...	1	1	1
○ VA, Galax City	Non-human activity			
○ VA, Hampton City	Human infections an...	2	2	
○ VA, Harrisonburg...	Human infections an...	1	1	
○ VA, Hopewell City	Non-human activity			
○ VA, Lynchburg City	Human infections an...	1	1	1

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ VA, Manassas City	Human infections	1		
○ VA, Manassas P...	Human infections	1	1	
○ VA, Martinsville City	Non-human activity			
○ VA, Newport New...	Human infections an...	4	3	1
○ VA, Norfolk City	Human infections an...	12	9	1
○ VA, Petersburg City	Non-human activity			
○ VA, Poquoson City	Non-human activity			
○ VA, Portsmouth ...	Human infections an...	4	3	
○ VA, Radford City	Non-human activity			
○ VA, Richmond City	Human infections an...	14	10	1
○ VA, Roanoke City	Human infections an...	8	7	1
○ VA, Salem City	Non-human activity			
○ VA, Suffolk City	Non-human activity			
○ VA, Virginia Beac...	Human infections an...	5	4	4
○ VA, Waynesboro ...	Human infections an...	1	1	
○ VA, Winchester City	Human infections	5	4	2
○ WA, Adams	Non-human activity			
○ WA, Asotin	Human infections			1
○ WA, Benton	Human infections an...	40	20	13
○ WA, Chelan	Human infections	1		1
○ WA, Clallam	Human infections	1	1	
○ WA, Clark	Human infections	3	2	
○ WA, Columbia	Non-human activity			
○ WA, Cowlitz	Non-human activity			
○ WA, Douglas	Non-human activity			
○ WA, Franklin	Human infections an...	3	2	2
○ WA, Grant	Human infections an...	5	1	4
○ WA, Grays Harbor	Human infections an...	1	1	
○ WA, Island	Non-human activity			
○ WA, King	Human infections an...	8	3	1
○ WA, Kittitas	Human infections an...			2
○ WA, Klickitat	Human infections an...	2	2	
○ WA, Lewis	Human infections an...			1
○ WA, Lincoln	Non-human activity			
○ WA, Mason	Non-human activity			
○ WA, Okanogan	Human infections an...	1	1	
○ WA, Pend Oreille	Non-human activity			
○ WA, Pierce	Human infections an...	6	2	3
○ WA, Skagit	Human infections	1		
○ WA, Snohomish	Human infections an...	1	1	
○ WA, Spokane	Human infections an...	14	13	1
○ WA, Stevens	Non-human activity			
○ WA, Thurston	Human infections an...	1	1	
○ WA, Walla Walla	Human infections an...	3	3	3

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ WA, Whatcom	Human infections an...	4	1	2
○ WA, Whitman	Human infections	2	2	
○ WA, Yakima	Human infections an...	30	22	5
○ WV, Barbour	Non-human activity			
○ WV, Berkeley	Human infections an...	4	3	
○ WV, Boone	Non-human activity			
○ WV, Braxton	Non-human activity			
○ WV, Brooke	Non-human activity			
○ WV, Cabell	Human infections an...	1	1	
○ WV, Calhoun	Non-human activity			
○ WV, Clay	Non-human activity			
○ WV, Doddridge	Non-human activity			
○ WV, Fayette	Human infections an...	1		
○ WV, Gilmer	Non-human activity			
○ WV, Grant	Non-human activity			
○ WV, Greenbrier	Non-human activity			
○ WV, Hampshire	Non-human activity			
○ WV, Hancock	Non-human activity			
○ WV, Hardy	Human infections an...	1	1	
○ WV, Harrison	Non-human activity			
○ WV, Jackson	Non-human activity			
○ WV, Jefferson	Human infections an...			1
○ WV, Kanawha	Human infections an...	6	2	1
○ WV, Lewis	Human infections an...	1		1
○ WV, Lincoln	Non-human activity			
○ WV, Logan	Non-human activity			
○ WV, Marion	Non-human activity			
○ WV, Marshall	Non-human activity			
○ WV, Mason	Non-human activity			
○ WV, Mercer	Non-human activity			
○ WV, Mineral	Human infections an...			1
○ WV, Mingo	Non-human activity			
○ WV, Monongalia	Human infections an...	1	1	
○ WV, Monroe	Human infections an...	1	1	
○ WV, Morgan	Human infections an...	1	1	
○ WV, Nicholas	Non-human activity			
○ WV, Ohio	Non-human activity			
○ WV, Pendleton	Non-human activity			
○ WV, Preston	Non-human activity			
○ WV, Putnam	Human infections an...	1	1	
○ WV, Raleigh	Non-human activity			
○ WV, Randolph	Non-human activity			
○ WV, Ritchie	Non-human activity			
○ WV, Roane	Non-human activity			

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ WV, Taylor	Non-human activity			
○ WV, Tyler	Human infections and/or deaths	1	1	
○ WV, Upshur	Non-human activity			
○ WV, Wayne	Non-human activity			
○ WV, Webster	Human infections and/or deaths	1	1	
○ WV, Wetzel	Non-human activity			
○ WV, Wirt	Non-human activity			
○ WV, Wood	Human infections and/or deaths	3	3	
○ WV, Wyoming	Human infections and/or deaths	1	1	
○ WI, Adams	Human infections and/or deaths	2	1	1
○ WI, Ashland	Human infections and/or deaths	1		1
○ WI, Barron	Human infections and/or deaths	10	3	
○ WI, Bayfield	Human infections and/or deaths	1	1	
○ WI, Brown	Human infections and/or deaths	14	11	4
○ WI, Buffalo	Human infections and/or deaths	2	2	
○ WI, Burnett	Human infections and/or deaths	1		1
○ WI, Calumet	Human infections and/or deaths	3	2	
○ WI, Chippewa	Human infections and/or deaths	4	2	
○ WI, Clark	Human infections and/or deaths	1		
○ WI, Columbia	Non-human activity			
○ WI, Crawford	Human infections and/or deaths	1	1	1
○ WI, Dane	Human infections and/or deaths	44	34	16
○ WI, Dodge	Human infections and/or deaths	7	6	1
○ WI, Door	Non-human activity			
○ WI, Douglas	Human infections and/or deaths	2	1	
○ WI, Dunn	Human infections and/or deaths	1		1
○ WI, Eau Claire	Human infections and/or deaths	3	3	1
○ WI, Florence	Non-human activity			
○ WI, Fond Du Lac	Human infections and/or deaths	5	4	
○ WI, Forest	Non-human activity			
○ WI, Grant	Human infections and/or deaths	5	3	2
○ WI, Green	Human infections and/or deaths	2	2	
○ WI, Green Lake	Non-human activity			
○ WI, Iowa	Human infections and/or deaths	3	2	1
○ WI, Iron	Non-human activity			
○ WI, Jackson	Human infections and/or deaths			1
○ WI, Jefferson	Human infections and/or deaths	13	7	5
○ WI, Juneau	Human infections and/or deaths	2	1	
○ WI, Kenosha	Human infections and/or deaths	9	5	2
○ WI, Kewaunee	Human infections and/or deaths	1	1	
○ WI, La Crosse	Human infections and/or deaths	6	6	2
○ WI, Lafayette	Human infections and/or deaths	3	2	1
○ WI, Langlade	Human infections and/or deaths	1	1	
○ WI, Lincoln	Human infections and/or deaths	2	1	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ WI, Manitowoc	Human infections an...	5	3	1
○ WI, Marathon	Human infections an...	6	3	1
○ WI, Marinette	Human infections an...	1	1	1
○ WI, Marquette	Human infections an...	1	1	
○ WI, Menominee	Non-human activity			
○ WI, Milwaukee	Human infections an...	77	61	15
○ WI, Monroe	Human infections an...	2	2	
○ WI, Oconto	Human infections an...	3	3	
○ WI, Oneida	Human infections an...	1	1	
○ WI, Outagamie	Human infections an...	8	7	1
○ WI, Ozaukee	Human infections an...	2	2	1
○ WI, Pepin	Non-human activity			
○ WI, Pierce	Non-human activity			
○ WI, Polk	Human infections an...	3		
○ WI, Portage	Human infections an...	3	2	
○ WI, Price	Human infections an...	1	1	
○ WI, Racine	Human infections an...	11	4	2
○ WI, Richland	Human infections an...	1		
○ WI, Rock	Human infections an...	12	8	2
○ WI, Rusk	Human infections an...	3		
○ WI, St Croix	Human infections an...	2	1	1
○ WI, Sauk	Human infections an...	1	1	
○ WI, Sawyer	Human infections an...	2	2	
○ WI, Shawano	Human infections an...	5	4	
○ WI, Sheboygan	Human infections an...	3	2	1
○ WI, Taylor	Human infections an...			1
○ WI, Trempealeau	Human infections an...	3	3	
○ WI, Vernon	Human infections an...	1		
○ WI, Vilas	Human infections an...	1	1	2
○ WI, Walworth	Human infections an...	12	9	1
○ WI, Washburn	Non-human activity			
○ WI, Washington	Human infections an...	3		2
○ WI, Waukesha	Human infections an...	25	16	5
○ WI, Waupaca	Non-human activity			
○ WI, Waushara	Non-human activity			
○ WI, Winnebago	Human infections an...	6		2
○ WI, Wood	Human infections an...	4	4	
○ WY, Albany	Human infections an...	8	2	1
○ WY, Big Horn	Human infections an...	10	3	2
○ WY, Campbell	Human infections an...	92	25	5
○ WY, Carbon	Human infections an...	4	2	
○ WY, Converse	Human infections an...	24	8	1
○ WY, Crook	Human infections an...	17	4	
○ WY, Fremont	Human infections an...	219	33	

State, County	Activity	Total human disease...	Neuroinvasive disease...	**Presumptive vire...
○ WY, Goshen	Human infections an...	131	32	1
○ WY, Hot Springs	Human infections an...	7	4	1
○ WY, Johnson	Human infections an...	11	5	
○ WY, Laramie	Human infections an...	43	10	4
○ WY, Lincoln	Human infections an...	1		
○ WY, Natrona	Human infections an...	43	16	8
○ WY, Niobrara	Human infections an...	4	1	
○ WY, Park	Human infections an...	13	7	3
○ WY, Platte	Human infections an...	79	16	1
○ WY, Sheridan	Human infections an...	25	7	4
○ WY, Sublette	Human infections an...	2		
○ WY, Sweetwater	Human infections an...	1		
○ WY, Teton	Human infections an...	1	1	
○ WY, Uinta	Human infections an...	2	2	
○ WY, Washakie	Human infections an...	9	5	1
○ WY, Weston	Human infections an...	20	4	2
○ PR, Arroyo	Non-human activity			
○ PR, Bayamon	Non-human activity			
○ PR, Cabo Rojo	Non-human activity			
○ PR, Caguas	Human infections			1
○ PR, Carolina	Human infections			1
○ PR, Ceiba	Non-human activity			
○ PR, Fajardo	Non-human activity			
○ PR, Gurabo	Human infections an...			1
○ PR, Humacao M...	Non-human activity			
○ PR, Lares	Non-human activity			
○ PR, Mayaguez	Non-human activity			
○ PR, Rio Grande	Non-human activity			
○ PR, San German	Non-human activity			
○ PR, San Juan	Human infections	1	1	1
○ PR, San Lorenzo	Human infections			1
○ PR, Trujillo Alto	Non-human activity			

\*\*Presumptive viremic blood donors (PVD) are people who had no symptoms at the time of donating blood through a blood collection agency, but whose blood tested positive when screened for the presence of West Nile virus. Some PVDs develop symptoms after donation.

Year

2022 ▾

View the total number of human infections reported by county by hovering over the shaded counties below

Non-human activity     Human infections     Human infections and non-human activity

\*For 2022 preliminary data, Maryland reports state level data only; South Carolina reports state level data only for human infections

**About this map:**

**Non-human activity:** Indicates that veterinary disease cases or infections in mosquitoes, birds, or sentinel animals have been reported to CDC.

**Human infections:** Indicates that human disease cases or infections in blood donors have been reported to CDC.

**Human infections and non-human activity:** Indicates that both human infections and non-human infections have been reported to CDC.

[Download Data \(CSV\)](#)

Data Table - West Nile virus human and non-human activity by county for year selected above\*



\*\*Presumptive viremic blood donors (PVD) are people who had no symptoms at the time of donating blood through a blood collection agency, but whose blood tested positive when screened for the presence of West Nile virus. Some PVDs develop symptoms after donation.

Last Reviewed: June 13, 2023