



Center for Acute Disease Epidemiology | Acute Disease Prevention and Emergecy Response | West Nile Virus Website

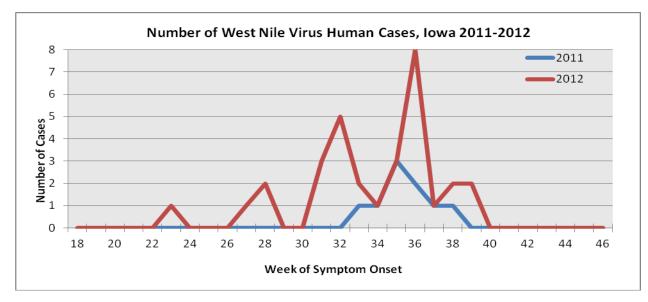
2012 FINAL DATA - Date Issued: February 26, 2013

Overview:

Thirty-one cases of West Nile Virus were reported in Iowa in 2012. Six positive blood donors were also reported. Thirty-five horses tested positive for the virus. Fourteen mosquito pools and seventeen sentinel chickens tested positive for West Nile virus in 2012. In 2011, there were 9 human cases of West Nile Virus.

Human / Blood Donor / Sentinel Chicken / Mosquito Surveillance, 2012 Positive Samples

				Mosquito Pools		
County	Human	Blood Donor	Sentinel Chickens	Culex pipiens	Culex erraticus	Culex tarsalis
Black Hawk	0	0	N/A	0	0	0
Boone	1	0	N/A	N/A	N/A	N/A
Cass	1	1	N/A	N/A	N/A	N/A
Cherokee	1	0	N/A	N/A	N/A	N/A
Des Moines	1	0	N/A	N/A	N/A	N/A
Dickinson	2	0	N/A	N/A	N/A	N/A
Floyd	1	0	N/A	N/A	N/A	N/A
Fremont	1	0	N/A	N/A	N/A	N/A
Grundy	1	0	N/A	N/A	N/A	N/A
Harrison	1	1	N/A	N/A	N/A	N/A
Linn	1	0	N/A	N/A	N/A	N/A
Lyon	3	0	N/A	N/A	N/A	N/A
Madison	1	0	N/A	N/A	N/A	N/A
Marion	1	0	N/A	N/A	N/A	N/A
Montgomery	1	0	N/A	N/A	N/A	N/A
Page	2	0	N/A	N/A	N/A	N/A
Palo Alto	1	0	N/A	N/A	N/A	N/A
Plymouth	2	1	N/A	N/A	N/A	N/A
Polk	1	0	0	5	0	0
Pottawattamie	2	0	1	0	0	0
Scott	0	0	5	0	0	0
Sioux	1	0	N/A	N/A	N/A	N/A
Story	0	0	5	5	0	0
Tama	2	0	N/A	N/A	N/A	N/A
Winnebago	0	1	N/A	N/A	N/A	N/A
Woodbury	3	2	6	3	1	0
Total	31	6	17	13	1	0



West Nile Virus is endemic in Iowa and activity usually peaks in late summer and early fall. Local partners collect mosquitoes and maintain sentinel chicken flocks across the state. Iowa State University Medical Entomology monitors the levels of *Culex pipiens* and *Culex tarsalis* mosquitoes (the primary vectors of WNV) statewide and the State Hygienic Laboratory (SHL) tests the mosquitoes to determine whether they are infected with West Nile Virus or other arboviruses. SHL also tests the blood drawn from sentinel chickens weekly to determine whether they have been infected with West Nile virus or other arboviruses. *For additional West Nile Virus information, visit:* www.idph.state.ia.us/Cade/DiseaseIndex.aspx?disease=West Nile Virus.

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