

WEST NILE VIRUS DATA BRIEF 2018



2003-2017

Elkhorn Logan Valley Public Health Department

Vision: Healthy People Living in Healthy Communities

Mission: To promote and improve health for all residents of our four county area.

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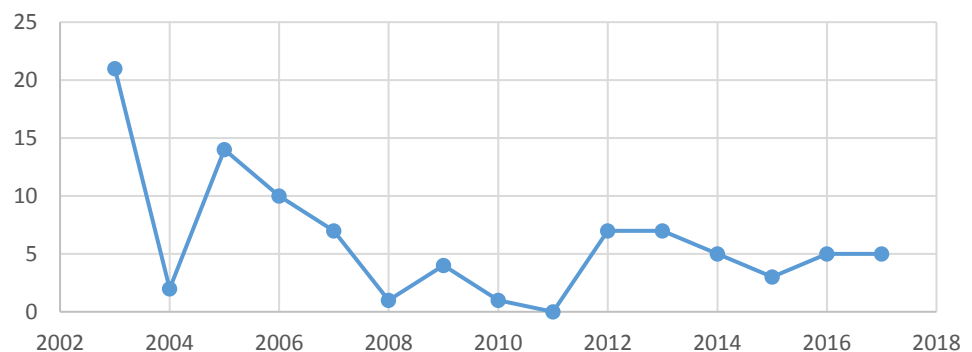
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- Since 2003, there have been a total of 92 reported West Nile Virus human cases in Elkhorn Logan Valley Public Health Department's (ELVPHD) service area. ELVPHD's surveillance nurse follows-up with all positive human West Nile Virus cases. The graphic below shows trend data from the Nebraska Department of Health and Human Services for human cases across ELVPHD's four county service area: Madison, Stanton, Cuming, and Burt Counties. Overall, the number of human cases reported have remained fairly steady the past few years.

ELVPHD Human West Nile Virus Clinical Cases by Year, 2003-2017



- ELVPHD monitors West Nile Virus in the area by testing mosquitos and dead birds, as well as taking information on equine (horse) cases. Since the summer of 2009 (our earliest record on file) ELVPHD has found West Nile Virus in area mosquitos every year. The virus is monitored every summer through local surveillance and education and education is provided to the community so preventative measures are kept at the forefront.
- Since 2006, West Nile Virus has been found in birds in four of six (66.7%) of the applicable years. A non-applicable year is one where West Nile is found in mosquitos before it is found in a bird for our area. Dead bird collecting is stopped for the season if West Nile is found in mosquitos or birds.
- According to our records, no equine (horse) West Nile Virus cases have been reported to the DHHS from our four counties since we began monitoring.