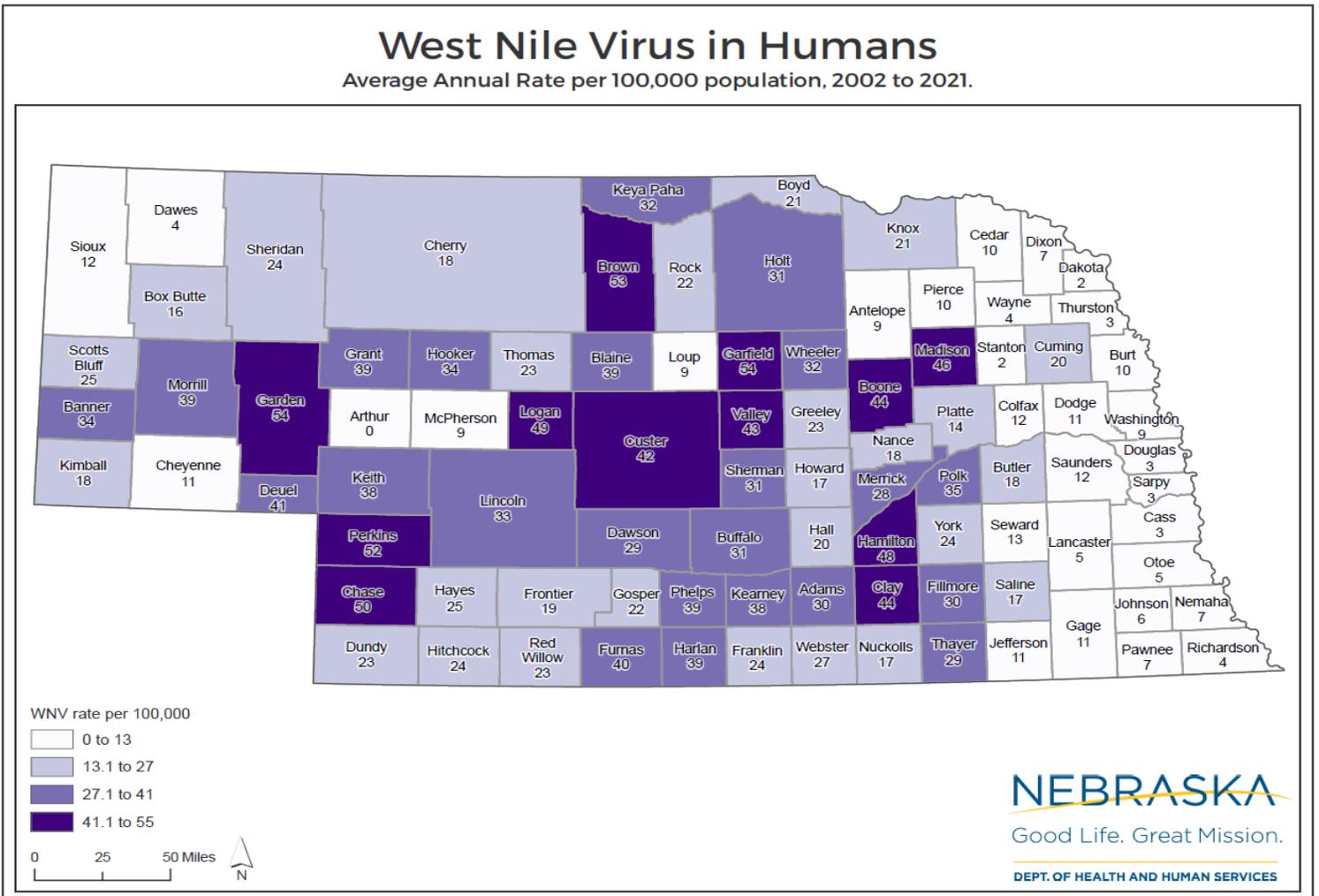




- CSF which tests (+) for IgM is consistent with acute meningitis/encephalitis.
- Stable antibody titers on acute and convalescent specimens suggest infection in the distant past. A four-fold rise in IgM or IgG titers between an acute and convalescent specimen suggest acute infection.

| Tests      | Results                   | Interpretation                                  |
|------------|---------------------------|---|
| IgM<br>IgG | negative<br>negative      | Antibody not detected = not a case of WNV       |
| IgM<br>IgG | negative<br>positive      | Infection at undetermined time = past infection |
| IgM<br>IgG | positive<br>negative      | Evidence of recent or current infection‡        |
| IgM<br>IgG | positive<br>positive      | Evidence of recent or current infection*        |
| IgM<br>IgG | indeterminate<br>negative | Inconclusive; request convalescent serum‡       |

‡ Paired acute and convalescent samples may be useful for demonstration of seroconversion; \*Some individuals may have persisting IgM and IgG antibodies from the previous WNV season.



**Additional Information:**

Nebraska DHHS West Nile Virus Website: <http://dhhs.ne.gov/Pages/west-nile-virus.aspx>

CDC West Nile Virus Website: <https://www.cdc.gov/westnile/index.html>