

## 2018 Kentucky's Equine West Nile Virus (Updated 11/14/2018)

Seventeen (17) Cases Reported Y-T-D

Animal's Disposition: Nine (9) Alive, Eight (8) Euthanized

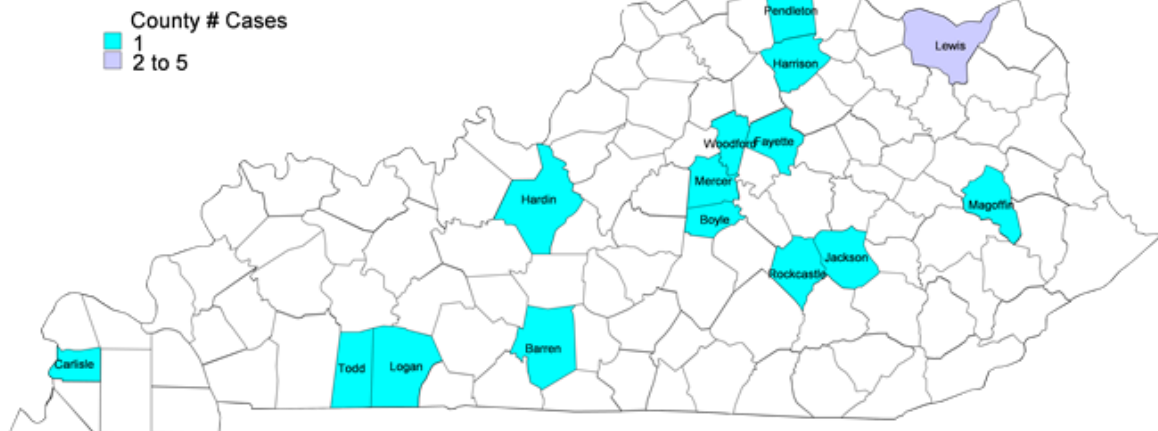
Animal's West Nile Vaccination Status: Fourteen (14) Not Vaccinated, One (1) Current Vaccination Status

One (1) Partially Vaccinated and, One (1) Unknown – Pending a determination (perhaps partially vaccinated)

Affected Counties: Barren (1), Boyle (1), Carlisle (1), Fayette (1), Hardin (1), Harrison (1), Jackson (1), Lewis (3), Logan (1), Magoffin (1), Mercer (1), Pendleton (1), Rockcastle (1), Todd (1), Woodford (1)

## 2018 Equine Encephalitis

*Counties with West Nile Affected Equine  
Updated 11/14/2018 - 17 Equine Cases*



Breeds: American Saddlebred (1), KY Mountain Horse (1), Percheron (1), Pleasure Horse (1)

Quarter Horse (3), Standard Bred (2), Thoroughbred (2), TN Walking Horse (6)

Equine West Nile Virus (WNV) – Historical Data 2001 – 2017 Summary

744 Confirmed Equine West Nile Cases\*

95.57% (711) Not Adequately Vaccinated\*\*

3.49% (26) Reported by attending veterinarian to be 'Current' on Vaccination

0.94% (7) Vaccination history was unknown but believed to be unlikely

### 29.97% (223) Case\* Mortality Rate

Available data does not provide us opportunity to define the number of vaccinated horses in Kentucky exposed to but not contracting WNV annually, it does provide evidence and supports a logical conclusion that timely vaccination against the virus is beneficial and a good defense in protecting horses against WNV. We encourage individuals to consult their veterinarians and determine if a previously vaccinated horse might benefit from administration of a booster. Factors to consider should include when was the previous vaccine administered (timing is a critical factor), prevalence of virus in the area, and the exposure risk.

\*Confirmed by meeting Case Definition

\*\*Not-vaccinated during 12mo period preceding onset or received only initial vaccination or did not receive booster

9.81% (73) Partially vaccinated (received only initial dose and/or did not receive booster)

0.94% (7) Vaccination status was unknown but believed unlikely