

## Kentucky EHV-1 Investigation Summaries - (No Active Cases)

See reports sent to the [Equine Disease Communication Center](#):1/12/2017 @ 10:45pm

**First:** From the information provided 1/7/17 –some reporting incorrectly interpreted the information provided and suggested the outbreak of Equine Herpesvirus Type 1 currently being investigated was associated to a veterinary hospital. There is not nor has there been any veterinary facility quarantined for equine herpesvirus in KY.

**Update:** A horse residing on a second premises in Oldham County tested positive for EHV1 (wild strain), following development of a fever on 1/9. There have been no neurologic abnormalities seen. We did earlier today visit the premises and after assessing the facility layout and operation, the barn where this horse resided was placed under an order of quarantine.

Horses in all barns on the premises are being monitored daily with temperature logs kept and provided to our office. KDA has and will continue to have personnel on the grounds monitoring activity.

Samples (nasal swabs and whole blood) were collected from each horse residing in the affected barn and those samples were submitted to the laboratory tonight for EHV testing. Although both premises currently under quarantine are in Oldham County, they are different strains of the virus involved. There is no evidence that the cases are related.

The affected horse on the second premises was moved to an isolation barn when fever was found and he was moved off the premises on 1/12/17..

**Update to the first affected premises.** Results of the testing on side 1 did identify two additional horses positive to EHV1 having the mutated ORF30 gene. In addition, the horse on side 2 that had spiked a fever late last week, tested positive to the same virus strain. All three of these horses were moved from their stabling area and placed in the isolation unit and the population of horses on side 2 were sampled with no additional positives discovered. Subsequently, the horse from side 2 that had fever presented with neurological abnormalities on Monday and was moved to isolation at a veterinary hospital for treatment where it continues to improve.

Results of Tracing From Premises One: All horses that had left the facility have been located and testing completed. 2 horses that had moved were identified to be positive (ORF30 mutated gene). These horses are in isolation on private facilities and are being monitored with the established protocol being followed.

Kentucky EHV-1 Investigations updated 1/8/2017

See Full report sent to the [Equine Disease Communication Center](#): 1/7/2017 @ 3:22pm

On 1/4/17 a 2yo filly was referred from a Northern KY privately operated premises (Oldham Co) to a Lexington area hospital for evaluation

On 1/5 the KY Dept Agr's investigator met with the premises' management and the attending veterinarians – 14 horses in the 'affected' wing of the barn were sampled (nasal swab and whole blood)

On 1/6 am we were advised a horse in the barn's second wing had a fever = samples were collected and hand submitted to the laboratory.

On 1/6 pm – Laboratory reported 2 of the 14 horses sampled from Side 1 were positive, and the febrile horse on Side 2 was also positive.

Each of the three positive results identified the ORF30 gene.

Samples are scheduled to be collected from the remaining 18 horses on Monday 1/9 am (Accounts for all horses on premises).

Equine that had moved from the premises since mid-December have been traced, located and are being individually assessed and when beneficial tested following our defined protocol.

There has been no movement to any KY racing/training facility.