

Vesicular Stomatitis 2014

Situation Report – August 20, 2014

Information Current as of 5:00 pm MDT, August 19, 2014

(Updated information listed in blue ink)

New Information

Since the last situation report (8/13/2014), a total of **fifty-five (55)** new VSV-positive premises (New Jersey serotype) have been confirmed in two states; in Colorado, **fifty-three (53) new equine premises** and in Texas, **two (2) new equine premises**.

Horses were newly confirmed VSV-positive by compatible clinical signs and either complement fixation test (CFT) antibody titer or virus isolation in the following counties:

Texas

Bastrop County, Texas – **2 horses on 2 premises**

Colorado

Adams County, Colorado – 8 horses on 7 premises

Boulder County, Colorado – 13 horses on 12 premises

Jefferson County, Colorado – 5 horses on 5 premises

Larimer County, Colorado – 19 horses on 18 premises

Weld County, Colorado – 15 horses on 11 premises

To date, a total of two hundred forty-one (241) VSV-positive premises have been identified in two U.S. states, Colorado (186 premises) and Texas (55 premises). There have been 8 counties affected in Colorado (Adams, Boulder, Broomfield, Douglas, El Paso, Jefferson, Larimer, and Weld Counties) and 11 counties affected in Texas (Bastrop, Falls, Guadalupe, Hidalgo, Jim Wells, Kinney, Nueces, San Patricio, Travis, Val Verde, and Williamson Counties). **Of the 241 total VSV-positive premises, 234 have been positive equine premises and 7 have been positive bovine premises.**

Positive premises are eligible for quarantine release 21 days after lesions have healed in all affected animals. To date, eleven (11) premises in Texas have been released from quarantine (1 in Kinney County, 2 in Nueces County, 2 in San Patricio County, 2 in Hidalgo County, 1 in Jim Wells County, 1 in Val Verde County, 1 in Guadalupe County, and 1 in Travis County) and two premises in Colorado have been released from quarantine (1 in Boulder County and 1 in Weld County). There are an additional **thirty (30) premises in Texas and forty-nine (49) premises in Colorado on 21-day countdown to quarantine release.**

Map Information

See adjoining maps for current and cumulative positive premises information.

Current: Counties with Positive Premises Remaining Under Quarantine

Note: Does NOT include data from premises already released from quarantine. See Cumulative information section.

| STATE | COUNTY | PREMISES |
|--------------|------------|------------|
| Colorado | Adams | 9 |
| | Boulder | 60 |
| | Broomfield | 1 |
| | Douglas | 1 |
| | El Paso | 1 |
| | Jefferson | 7 |
| | Larimer | 38 |
| | Weld | 67 |
| Texas | Bastrop | 32 |
| | Falls | 1 |
| | Travis | 9 |
| | Williamson | 2 |
| TOTAL | 12 | 228 |

Current Statistics for Premises Remaining Under Quarantine

Note: Does NOT include data from premises already released from quarantine. See Cumulative Statistics.

| Current Positive Premises | Colorado | Texas | Total |
|--|----------|-------|-------|
| Current Positive Premises Under Quarantine | 184 | 44 | 228 |
| Premises on 21-day Countdown to Quarantine Removal | 49 | 30 | 79 |
| Current Counties with Positive Premises | 8 | 4 | 12 |

| Current Positive Species | Colorado | Texas | Total |
|--------------------------|----------|-------|-------|
| Positive Equine Species | 262 | 63 | 325 |
| Positive Bovine Species | 3 | 5 | 8 |
| Positive Porcine Species | 0 | 0 | 0 |
| Positive Ovine Species | 0 | 0 | 0 |
| Positive Caprine Species | 0 | 0 | 0 |
| Positive Other Ruminants | 0 | 0 | 0 |
| Total Positive Animals | 265 | 68 | 333 |

| Current Susceptible Species | Colorado | Texas | Total |
|------------------------------------|-----------------|--------------|--------------|
| Susceptible Equine Species | 2308 | 446 | 2754 |
| Susceptible Bovine Species | 326 | 1884 | 2210 |
| Susceptible Porcine Species | 17 | 3 | 20 |
| Susceptible Ovine Species | 44 | 4 | 48 |
| Susceptible Caprine Species | 92 | 51 | 143 |
| Susceptible Other Ruminants | 30 | 2 | 32 |
| Total Susceptible Animals | 2817 | 2390 | 5207 |

*Current susceptible species counts include current positive cases.

Cumulative: Counties with Positive Premises (since the start of the outbreak)

| STATE | COUNTY | PREMISES |
|--------------|--------------|------------|
| Colorado | Adams | 9 |
| | Boulder | 61 |
| | Broomfield | 1 |
| | Douglas | 1 |
| | El Paso | 1 |
| | Jefferson | 7 |
| | Larimer | 38 |
| | Weld | 68 |
| Texas | Bastrop | 32 |
| | Falls | 1 |
| | Guadalupe | 1 |
| | Hidalgo | 2 |
| | Jim Wells | 1 |
| | Kinney | 1 |
| | Nueces | 2 |
| | San Patricio | 2 |
| | Travis | 10 |
| | Val Verde | 1 |
| | Williamson | 2 |
| TOTAL | 19 | 241 |

Cumulative Statistics (for all premises since the start of the outbreak)

| Cumulative Positive Premises | Colorado | Texas | Total |
|--|-----------------|--------------|--------------|
| Cumulative Positive Premises Quarantined | 186 | 55 | 241 |
| Cumulative Counties with Positive Premises | 8 | 11 | 19 |

| Cumulative Positive Species | Colorado | Texas | Total |
|------------------------------------|-----------------|--------------|--------------|
| Positive Equine Species | 265 | 78 | 343 |
| Positive Bovine Species | 3 | 7 | 10 |
| Positive Porcine Species | 0 | 0 | 0 |
| Positive Ovine Species | 0 | 0 | 0 |
| Positive Caprine Species | 0 | 0 | 0 |
| Positive Other Ruminants | 0 | 0 | 0 |
| Total Positive Animals | 268 | 85 | 353 |

| Cumulative Susceptible Species | Colorado | Texas | Total |
|---------------------------------------|-----------------|--------------|--------------|
| Susceptible Equine Species | 2321 | 566 | 2887 |
| Susceptible Bovine Species | 334 | 1968 | 2302 |
| Susceptible Porcine Species | 17 | 3 | 20 |
| Susceptible Ovine Species | 44 | 4 | 48 |
| Susceptible Caprine Species | 93 | 64 | 157 |
| Susceptible Other Ruminants | 30 | 2 | 32 |
| Total Susceptible Animals | 2839 | 2607 | 5446 |

*Cumulative susceptible species counts include positive cases.

Background Information

On May 23, 2014, the National Veterinary Services Laboratories (NVSL) in Ames, Iowa, confirmed a finding of vesicular stomatitis virus (VSV) infection (New Jersey serotype) on an equine premises in Kinney County, Texas. Four affected horses on the premises met the case definition of infection with compatible clinical signs and either virus isolation or positive complement fixation antibody titers. This was the 2014 VSV index case for the nation.

On July 17, 2014, the National Veterinary Services Laboratories in Ames, Iowa, confirmed findings of vesicular stomatitis virus (VSV) infection (New Jersey serotype) on two (2) equine premises in Weld County, Colorado. These were the index cases for Colorado. Three affected horses on one premises and one affected horse on the other premises met the case definition of VSV infection with compatible clinical signs and either positive complement fixation antibody titers or positive virus isolation.