

## Vesicular Stomatitis 2014

### Situation Report – September 10, 2014

Information Current as of 5:00 pm MDT, September 9, 2014

(Updated information listed in blue ink)

#### New Information

Since the last situation report (9/3/2014), a total of **twenty-nine (29)** new VSV-positive equine premises (New Jersey serotype) have been confirmed in Colorado. **There have been no new VSV-positive premises identified in Texas.** 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 (including 4 newly affected counties):

#### Colorado

Adams County, Colorado – 2 horses on 1 premises

Arapahoe County, Colorado (newly affected county) – 3 horses on 2 premises

Boulder County, Colorado – 4 horses on 4 premises

Broomfield County, Colorado – 1 horse on 1 premises

Douglas County, Colorado – 1 horse on 1 premises

Fremont County, Colorado (newly affected county) – 4 horses on 1 premises

Jefferson County, Colorado– 6 horses on 4 premises

Larimer County, Colorado -15 horses on 8 premises

Logan County, Colorado (newly affected county) – 3 horses on 1 premises

Pueblo County, Colorado (newly affected county) – 1 horse on 1 premises

Weld County, Colorado – 5 horses on 5 premises

**To date, a total of three hundred thirty-five (335) VSV-positive premises have been identified in two U.S. states, Colorado (277 premises) and Texas (58 premises).** There have been 13 counties affected in Colorado (Adams, Arapahoe, Boulder, Broomfield, Douglas, El Paso, Fremont, Jefferson, Larimer, Logan, Morgan, Pueblo, and Weld Counties) and 12 counties affected in Texas (Bastrop, Falls, Guadalupe, Hidalgo, Jim Wells, Kinney, McLennan, Nueces, San Patricio, Travis, Val Verde, and Williamson Counties). Of the 335 total VSV-positive premises, 325 have been positive equine premises, 8 have been positive bovine premises, and 2 premises have had both cattle and horses positive.

Positive premises are eligible for quarantine release 21 days after lesions have healed in all affected animals. To date, **twenty-seven (27)** 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, 8 in Travis County, 7 in Bastrop County, and 2 in Williamson County) and **eighty-eight (88)** premises in Colorado have been released from quarantine (26 in Boulder County, 50 in Weld County, 2 in Adams County, 1 in El Paso County, 1 in Broomfield County, and 8 in Larimer County). There are an additional **twenty (20)** premises in Texas and **eighty-two (82)** 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	10
	<a href="#">Arapahoe</a>	2
	Boulder	49
	Broomfield	2
	Douglas	2
	<a href="#">Fremont</a>	1
	Jefferson	20
	Larimer	65
	<a href="#">Logan</a>	1
	Morgan	1
	<a href="#">Pueblo</a>	1
Weld	35	
Texas	Bastrop	27
	Falls	1
	McLennan	1
	Travis	2
<b>TOTAL</b>	<b>16</b>	<b>220</b>

**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	189	31	220
Premises on 21-day Countdown to Quarantine Removal	82	20	102
Current Counties with Positive Premises	12	4	16

Current Positive Species	Colorado	Texas	Total
Positive Equine Species	261	42	303
Positive Bovine Species	5	4	9
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	266	46	312

<b>Current Susceptible Species</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Susceptible Equine Species	<b>2025</b>	<b>254</b>	<b>2279</b>
Susceptible Bovine Species	<b>121</b>	<b>1870</b>	<b>1991</b>
Susceptible Porcine Species	<b>10</b>	<b>0</b>	<b>10</b>
Susceptible Ovine Species	<b>34</b>	<b>0</b>	<b>34</b>
Susceptible Caprine Species	<b>113</b>	<b>35</b>	<b>148</b>
Susceptible Other Ruminants	<b>77</b>	<b>2</b>	<b>79</b>
<b>Total Susceptible Animals</b>	<b>2380</b>	<b>2161</b>	<b>4541</b>

\*Current susceptible species counts include current positive cases.

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

STATE	COUNTY	PREMISES
Colorado	Adams	<b>12</b>
	Arapahoe	<b>2</b>
	Boulder	<b>75</b>
	Broomfield	<b>3</b>
	Douglas	<b>2</b>
	El Paso	<b>1</b>
	Fremont	<b>1</b>
	Jefferson	<b>20</b>
	Larimer	<b>73</b>
	Logan	<b>1</b>
	Morgan	<b>1</b>
	Pueblo	<b>1</b>
Weld	<b>85</b>	
Texas	Bastrop	<b>34</b>
	Falls	<b>1</b>
	Guadalupe	<b>1</b>
	Hidalgo	<b>2</b>
	Jim Wells	<b>1</b>
	Kinney	<b>1</b>
	McLennan	<b>1</b>
	Nueces	<b>2</b>
	San Patricio	<b>2</b>
	Travis	<b>10</b>
	Val Verde	<b>1</b>
	Williamson	<b>2</b>
<b>TOTAL</b>	<b>25</b>	<b>335</b>

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

<b>Cumulative Positive Premises</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Cumulative Positive Premises Quarantined	<b>277</b>	<b>58</b>	<b>335</b>
Cumulative Counties with Positive Premises	<b>13</b>	<b>12</b>	<b>25</b>

<b>Cumulative Positive Species</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Positive Equine Species	<b>389</b>	<b>82</b>	<b>471</b>
Positive Bovine Species	<b>7</b>	<b>8</b>	<b>15</b>
Positive Porcine Species	<b>0</b>	<b>0</b>	<b>0</b>
Positive Ovine Species	<b>0</b>	<b>0</b>	<b>0</b>
Positive Caprine Species	<b>0</b>	<b>0</b>	<b>0</b>
Positive Other Ruminants	<b>0</b>	<b>0</b>	<b>0</b>
Total Positive Animals	<b>396</b>	<b>90</b>	<b>486</b>

<b>Cumulative Susceptible Species</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Susceptible Equine Species	<b>3262</b>	<b>607</b>	<b>3869</b>
Susceptible Bovine Species	<b>426</b>	<b>2023</b>	<b>2449</b>
Susceptible Porcine Species	<b>18</b>	<b>3</b>	<b>21</b>
Susceptible Ovine Species	<b>78</b>	<b>4</b>	<b>82</b>
Susceptible Caprine Species	<b>134</b>	<b>64</b>	<b>198</b>
Susceptible Other Ruminants	<b>82</b>	<b>2</b>	<b>84</b>
Total Susceptible Animals	<b>4000</b>	<b>2703</b>	<b>6703</b>

\*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.