

## Vesicular Stomatitis 2014

### Situation Report – September 24, 2014

Information Current as of 5:00 pm MDT, September 23, 2014

(Updated information listed in blue ink)

#### New Information

Since the last situation report (9/17/2014), a total of **seven (7)** new VSV-positive premises (New Jersey serotype) have been confirmed in two states; in Colorado, **five (5)** new equine premises and **one (1)** new bovine premises, and in Texas, **one (1)** new equine premises.

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

#### Colorado

**Boulder County, Colorado – 1 cow on 1 premises**

**Larimer County, Colorado -1 horse on 1 premises**

**Pueblo County, Colorado – 5 horses on 3 premises**

**Weld County, Colorado – 1 horse on 1 premises**

#### Texas

**Bastrop County, Texas – 1 horse on 1 premises**

**To date, a total of **three hundred sixty-five (365)** VSV-positive premises have been identified in two U.S. states, Colorado (**303** premises) and Texas (**62** 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 13 counties affected in Texas (Bastrop, Falls, Guadalupe, Hidalgo, Jim Wells, Kinney, Lee, McLennan, Nueces, San Patricio, Travis, Val Verde, and Williamson Counties). Of the **365** total VSV-positive premises, **350** have been positive equine premises, **13** 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, **fifty (50)** premises in Texas and **one hundred seventy-seven (177)** premises in Colorado have been released from quarantine. There are an additional **ten (10)** premises in Texas and **sixty-seven (67)** 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	5
	Arapahoe	2
	Boulder	20
	Broomfield	1
	Douglas	2
	Fremont	1
	Jefferson	14
	Larimer	48
	Logan	1
	Morgan	1
	Pueblo	7
Weld	24	
Texas	Bastrop	10
	Lee*	1
	McLennan	1
<b>TOTAL</b>	<b>15</b>	<b>138</b>

\*Horses on the premises in Lee County are confirmed to have been infected in Bastrop County, but were illegally moved to Lee County and remain there under quarantine.

**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	126	12	138
Premises on 21-day Countdown to Quarantine Removal	67	10	77
Current Counties with Positive Premises	12	3	15

Current Positive Species	Colorado	Texas	Total
Positive Equine Species	175	20	195
Positive Bovine Species	14	0	14
Positive Porcine Species	0	0	0
Positive Ovine Species	0	0	0
Positive Caprine Species	0	0	0
Positive Other Ruminants	0	0	0
<b>Total Positive Animals</b>	<b>189</b>	<b>20</b>	<b>209</b>

<b>Current Susceptible Species</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Susceptible Equine Species	<b>1303</b>	<b>86</b>	<b>1389</b>
Susceptible Bovine Species	<b>588</b>	<b>3</b>	<b>591</b>
Susceptible Porcine Species	<b>2</b>	<b>0</b>	<b>2</b>
Susceptible Ovine Species	<b>30</b>	<b>0</b>	<b>30</b>
Susceptible Caprine Species	<b>41</b>	<b>0</b>	<b>41</b>
Susceptible Other Ruminants	<b>5</b>	<b>0</b>	<b>5</b>
<b>Total Susceptible Animals</b>	<b>1969</b>	<b>89</b>	<b>2058</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>13</b>
	Arapahoe	<b>2</b>
	Boulder	<b>76</b>
	Broomfield	<b>3</b>
	Douglas	<b>2</b>
	El Paso	<b>1</b>
	Fremont	<b>1</b>
	Jefferson	<b>23</b>
	Larimer	<b>84</b>
	Logan	<b>1</b>
	Morgan	<b>1</b>
	Pueblo	<b>7</b>
	Weld	<b>89</b>
Texas	Bastrop	<b>37</b>
	Falls	<b>1</b>
	Guadalupe	<b>1</b>
	Hidalgo	<b>2</b>
	Jim Wells	<b>1</b>
	Kinney	<b>1</b>
	Lee*	<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>26</b>	<b>365</b>

\*Horses on the premises in Lee County are confirmed to have been infected in Bastrop County, but were illegally moved to Lee County and remain there under quarantine.

### 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>303</b>	<b>62</b>	<b>365</b>
Cumulative Counties with Positive Premises	<b>13</b>	<b>13</b>	<b>26</b>

<b>Cumulative Positive Species</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Positive Equine Species	<b>421</b>	<b>89</b>	<b>510</b>
Positive Bovine Species	<b>18</b>	<b>8</b>	<b>26</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>439</b>	<b>97</b>	<b>536</b>

<b>Cumulative Susceptible Species</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Susceptible Equine Species	<b>3392</b>	<b>619</b>	<b>4011</b>
Susceptible Bovine Species	<b>930</b>	<b>2023</b>	<b>2953</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>138</b>	<b>64</b>	<b>202</b>
Susceptible Other Ruminants	<b>82</b>	<b>2</b>	<b>84</b>
Total Susceptible Animals	<b>4638</b>	<b>2715</b>	<b>7353</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.