

## Vesicular Stomatitis 2014

### Situation Report – August 27, 2014

Information Current as of 5:00 pm MDT, August 26, 2014

(Updated information listed in blue ink)

#### New Information

Since the last situation report (8/20/2014), a total of **thirty-eight (38)** new VSV-positive premises (New Jersey serotype) have been confirmed in two states; in Colorado, **thirty-five (35) new equine premises and one (1) new premises with both bovine and equine affected** and in Texas, **one (1) new equine premises and one (1) new bovine 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:

#### Texas

Bastrop County, Texas – **1 horse and 1 cow on 2 premises**

#### Colorado

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

Boulder County, Colorado – **7 horses on 6 premises**

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

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

Larimer County, Colorado – **19 horses and 3 cattle on 18 premises**

Weld County, Colorado – **13 horses on 7 premises**

**To date, a total of two hundred seventy-nine (279) VSV-positive premises have been identified in two U.S. states, Colorado (222 premises) and Texas (57 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 **279** total VSV-positive premises, **269** 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, **fifteen (15)** 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 **5** in Travis County) and **seventeen (17)** premises in Colorado have been released from quarantine (**6** in Boulder County, **10** in Weld County, **and 1 in Adams County**). There are an additional thirty (30) premises in Texas and **fifty-nine (59)** 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	61
	Broomfield	2
	Douglas	1
	El Paso	1
	Jefferson	10
	Larimer	56
	Weld	65
Texas	Bastrop	34
	Falls	1
	Travis	5
	Williamson	2
<b>TOTAL</b>	<b>12</b>	<b>247</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	205	42	247
Premises on 21-day Countdown to Quarantine Removal	59	30	89
Current Counties with Positive Premises	8	4	12

Current Positive Species	Colorado	Texas	Total
Positive Equine Species	291	58	349
Positive Bovine Species	7	6	13
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	298	64	362

<b>Current Susceptible Species</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Susceptible Equine Species	<b>2498</b>	<b>403</b>	<b>2901</b>
Susceptible Bovine Species	<b>355</b>	<b>1939</b>	<b>2294</b>
Susceptible Porcine Species	<b>17</b>	<b>3</b>	<b>20</b>
Susceptible Ovine Species	<b>69</b>	<b>0</b>	<b>69</b>
Susceptible Caprine Species	<b>111</b>	<b>37</b>	<b>148</b>
Susceptible Other Ruminants	<b>32</b>	<b>2</b>	<b>34</b>
<b>Total Susceptible Animals</b>	<b>3082</b>	<b>2384</b>	<b>5466</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>10</b>
	Boulder	<b>67</b>
	Broomfield	<b>2</b>
	Douglas	<b>1</b>
	El Paso	<b>1</b>
	Jefferson	<b>10</b>
	Larimer	<b>56</b>
	Weld	<b>75</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>
	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>19</b>	<b>279</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>222</b>	<b>57</b>	<b>279</b>
Cumulative Counties with Positive Premises	<b>8</b>	<b>11</b>	<b>19</b>

<b>Cumulative Positive Species</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Positive Equine Species	<b>313</b>	<b>79</b>	<b>392</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>320</b>	<b>87</b>	<b>407</b>

<b>Cumulative Susceptible Species</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Susceptible Equine Species	<b>2649</b>	<b>570</b>	<b>3219</b>
Susceptible Bovine Species	<b>393</b>	<b>2023</b>	<b>2416</b>
Susceptible Porcine Species	<b>17</b>	<b>3</b>	<b>20</b>
Susceptible Ovine Species	<b>69</b>	<b>4</b>	<b>73</b>
Susceptible Caprine Species	<b>112</b>	<b>64</b>	<b>176</b>
Susceptible Other Ruminants	<b>32</b>	<b>2</b>	<b>34</b>
Total Susceptible Animals	<b>3272</b>	<b>2666</b>	<b>5938</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.