

## Vesicular Stomatitis 2014

### Situation Report – July 30, 2014

Information Current as of 5:00 pm MDT, July 29, 2014

(Updated information listed in blue ink)

#### New Information

Since the last situation report (7/24/2014), thirty-five (35) new VSV-positive premises (New Jersey serotype) have been confirmed; twelve (12) equine premises and two (2) bovine premises in Texas and twenty-one (21) equine premises in Colorado.

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 – 15 horses and 2 cows on 12 premises

Travis County, Texas – 2 horses on 1 premises

Val Verde County, Texas (newly affected county) – 1 horse on 1 premises

#### Colorado

Boulder County, Colorado – 10 horses on 8 premises

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

Larimer County, Colorado (newly affected county) -1 horse on 1 premises

Weld County, Colorado – 14 horses on 11 premises

To date, a total of sixty-three (63) VSV-positive premises have been identified in two U.S. states, Colorado (28 premises) and Texas (35 premises). There have been 4 counties affected in Colorado (Boulder, El Paso, Larimer, and Weld Counties) and 9 counties affected in Texas (Bastrop, Guadalupe, Hidalgo, Jim Wells, Kinney, Nueces, San Patricio, Travis, and Val Verde Counties).

Six (6) premises in Texas (1 in Kinney County, 2 in Nueces County, 2 in San Patricio County, and 1 in Hidalgo County) have been released from quarantine and there are currently four (4) other premises in Texas 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	Boulder	9
	El Paso	1
	Larimer	1
	Weld	17
Texas	Bastrop	17
	Guadalupe	1
	Hidalgo	1
	Jim Wells	1
	Travis	8
	Val Verde	1
<b>TOTAL</b>	<b>10</b>	<b>57</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	28	29	57
Premises on 21-day Countdown to Quarantine Removal	0	4	4
Current Counties with Positive Premises	4	6	10

Current Positive Species	Colorado	Texas	Total
Positive Equine Species	37	40	77
Positive Bovine Species	0	4	4
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	37	44	81

<b>Current Susceptible Species</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Susceptible Equine Species	<b>306</b>	<b>303</b>	<b>609</b>
Susceptible Bovine Species	<b>28</b>	<b>1851</b>	<b>1879</b>
Susceptible Porcine Species	<b>0</b>	<b>3</b>	<b>3</b>
Susceptible Ovine Species	<b>0</b>	<b>4</b>	<b>4</b>
Susceptible Caprine Species	<b>9</b>	<b>17</b>	<b>26</b>
Susceptible Other Ruminants	<b>0</b>	<b>2</b>	<b>2</b>
<b>Total Susceptible Animals</b>	<b>343</b>	<b>2180</b>	<b>2523</b>

\*Current susceptible species counts include current positive cases.

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

STATE	COUNTY	PREMISES
Colorado	Boulder	<b>9</b>
	El Paso	<b>1</b>
	Larimer	<b>1</b>
	Weld	<b>17</b>
Texas	Bastrop	<b>17</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>8</b>
	Val Verde	<b>1</b>
<b>TOTAL</b>	<b>13</b>	<b>63</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>28</b>	<b>35</b>	<b>63</b>
Cumulative Counties with Positive Premises	<b>4</b>	<b>9</b>	<b>13</b>

<b>Cumulative Positive Species</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Positive Equine Species	<b>37</b>	<b>50</b>	<b>87</b>
Positive Bovine Species	<b>0</b>	<b>4</b>	<b>4</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>
<b>Total Positive Animals</b>	<b>37</b>	<b>54</b>	<b>91</b>

<b>Cumulative Susceptible Species</b>	<b>Colorado</b>	<b>Texas</b>	<b>Total</b>
Susceptible Equine Species	<b>306</b>	<b>388</b>	<b>694</b>
Susceptible Bovine Species	<b>28</b>	<b>1855</b>	<b>1883</b>
Susceptible Porcine Species	<b>0</b>	<b>3</b>	<b>3</b>
Susceptible Ovine Species	<b>0</b>	<b>4</b>	<b>4</b>
Susceptible Caprine Species	<b>9</b>	<b>30</b>	<b>39</b>
Susceptible Other Ruminants	<b>0</b>	<b>2</b>	<b>2</b>
<b>Total Susceptible Animals</b>	<b>343</b>	<b>2282</b>	<b>2625</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.