

**Vesicular Stomatitis 2014**  
**Situation Report – July 8, 2014**

Information Current as of 12:00 pm MDT, July 8, 2014

**New Information**

Since the last situation report (7/3/2014), one (1) VSV-infected bovine premises has been identified in Jim Wells County, Texas. On that premises, two (2) out of 77 head of cattle were confirmed infected with VSV (New Jersey serotype) by compatible clinical signs and complement fixation test (CFT) antibody titer. To date, there have been a total of eight (8) VSV-positive premises in 5 Texas counties; 1 in Kinney County, 2 in Hidalgo County, 2 in San Patricio County, 2 in Nueces County, and 1 in Jim Wells County.

The index premises in Kinney County was released from quarantine on July 8, 2014. The lesions in the affected horses had healed and a 21-day countdown was completed with no animals becoming newly affected on the premises. Currently, there are 6 additional premises on 21-day countdown to quarantine release.

**Map Information**

See adjoining map for current and cumulative positive premises information.

**Current: Counties with Positive Premises**

STATE	COUNTY	PREMISES
Texas	Hidalgo	2
	Jim Wells	1
	Nueces	2
	San Patricio	2
<b>TOTAL</b>	<b>4</b>	<b>7</b>

**Current Statistics**

<b>Current Positive Premises</b>	<b>Texas</b>	<b>Total</b>
Current Positive Premises Under Quarantine	<b>7</b>	<b>7</b>
Premises on 21-Day Countdown for Removal of Quarantine	<b>6</b>	<b>6</b>
Current Counties with Positive Premises	<b>4</b>	<b>4</b>

<b>Current Positive Species</b>	<b>Texas</b>	<b>Total</b>
Positive Equine Species	7	7
Positive Bovine Species	2	2
Positive Porcine Species	0	0
Positive Ovine Species	0	0
Positive Caprine Species	0	0
Positive Other Ruminants	0	0
<b>Total Positive Animals</b>	<b>9</b>	<b>9</b>

<b>Current Susceptible Species*</b>	<b>Texas</b>	<b>Total</b>
Susceptible Equine Species	29	29
Susceptible Bovine Species	77	77
Susceptible Porcine Species	0	0
Susceptible Ovine Species	0	0
Susceptible Caprine Species	2	2
Susceptible Other Ruminants	0	0
<b>Total Susceptible Animals</b>	<b>108</b>	<b>108</b>

\*Current susceptible species counts include current positive cases.

### **Cumulative: Counties with Positive Premises**

STATE	COUNTY	PREMISES
Texas	Hidalgo	2
	Jim Wells	1
	Kinney	1
	Nueces	2
	San Patricio	2
<b>TOTAL</b>	<b>5</b>	<b>8</b>

### **Cumulative Statistics**

<b>Cumulative Positive Premises</b>	<b>Texas</b>	<b>Total</b>
Cumulative Positive Premises Quarantined	8	8
Cumulative Counties with Positive Premises	5	5

<b>Cumulative Positive Species</b>	<b>Texas</b>	<b>Total</b>
Positive Equine Species	<b>11</b>	<b>11</b>
Positive Bovine Species	<b>2</b>	<b>2</b>
Positive Porcine Species	<b>0</b>	<b>0</b>
Positive Ovine Species	<b>0</b>	<b>0</b>
Positive Caprine Species	<b>0</b>	<b>0</b>
Positive Other Ruminants	<b>0</b>	<b>0</b>
<b>Total Positive Animals</b>	<b>13</b>	<b>13</b>

<b>Cumulative Susceptible Species*</b>	<b>Texas</b>	<b>Total</b>
Susceptible Equine Species	<b>90</b>	<b>90</b>
Susceptible Bovine Species	<b>81</b>	<b>81</b>
Susceptible Porcine Species	<b>0</b>	<b>0</b>
Susceptible Ovine Species	<b>0</b>	<b>0</b>
Susceptible Caprine Species	<b>13</b>	<b>13</b>
Susceptible Other Ruminants	<b>0</b>	<b>0</b>
<b>Total Susceptible Animals</b>	<b>184</b>	<b>184</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.