



# 2015 Vesicular Stomatitis Virus (VSV) Situation Report – July 15, 2015

Information current as of 10:00 am MDT, 07/15/2015

*Updated information in blue ink*

Since the last situation report (7/8/15), the following **new VSV-confirmed (New Jersey serotype) and/or suspect premises** have been identified and quarantined:

## Colorado (2 confirmed, 10 suspect premises)

- Delta County – 5 new suspect premises
- La Plata County (new affected county) – 1 new confirmed positive premises and 1 new suspect premises
- Montezuma County – 1 new confirmed positive premises and 2 new suspect premises
- Montrose County – 2 new suspect premises

Quarantined premises are eligible for release 14 days after the onset of lesions in the last affected animal on the premises. Since the last situation report (7/8/15), the following premises have been **released from quarantine**:

## Arizona

- Maricopa County – 2 suspect premises released

## Colorado

- Montrose County – 1 confirmed premises and 1 suspect premises released

## New Mexico

- Eddy County – 1 suspect premises released
- Sandoval County – 1 suspect premises released

## VSV Current Premises

Table 1. Location and number of premises currently under movement control for VSV

	New Premises 7/8- 7/14/15 Confirmed (Suspect)	Total Current Premises last report	VSV Premises Released 7/8 – 7/14/15	Total Current Premises
<b>NEW MEXICO</b>				
Eddy County	0	1	1	0
Sandoval County	0	1	1	0
<b>TOTAL NEW MEXICO:</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>
<b>ARIZONA</b>				
Maricopa County	0	2	2	0
<b>TOTAL ARIZONA:</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>

## VSV Current Premises (Table 1 continued)

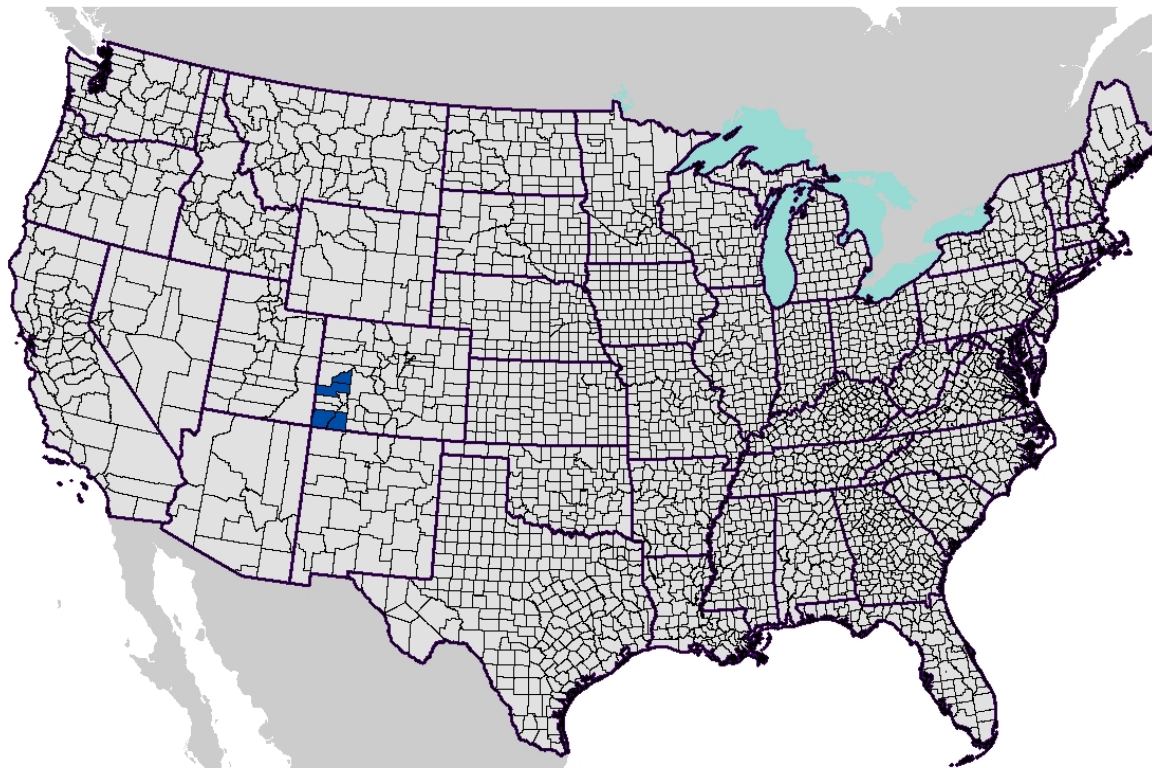
COLORADO	New Premises 7/8- 7/14/15 Confirmed (Suspect)	Total Current Premises last report	VSV Premises Released 7/8 – 7/14/15	Total Current Premises
Delta County	0 (5)	3	0	8
La Plata County	1 (1)	0	0	2
Montezuma County	1 (2)	1	0	4
Montrose County	0 (2)	5	2	5
<b>TOTAL COLORADO</b>	<b>2 (10)</b>	<b>9</b>	<b>2</b>	<b>19</b>
<b>TOTAL: 1 STATE w/ current quarantines</b>	<b>2 (10)</b>	<b>13</b>	<b>6</b>	<b>19</b>

## VSV Cumulative Premises

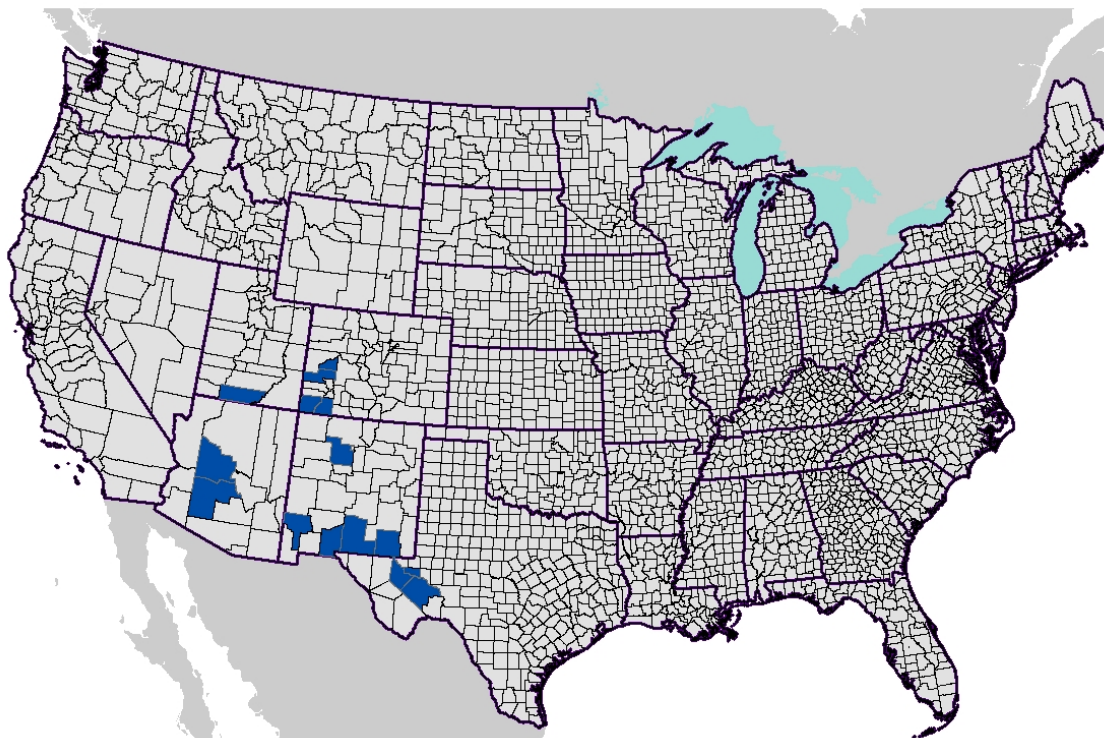
Table 2. Location and number of premises confirmed/suspect for VSV since April 29, 2015

NEW MEXICO	Confirmed Positive Premises	Suspect Premises	Total Premises
Dona Ana County	0	1	1
Eddy County	0	1	1
Grant County	3	0	3
Otero County	1	0	1
Sandoval County	1	2	3
<b>TOTAL NEW MEXICO: 5 COUNTIES</b>	<b>5</b>	<b>4</b>	<b>9</b>
<b>ARIZONA</b>			
Maricopa County	13	15	28
Yavapai County	0	7	7
<b>TOTAL ARIZONA: 2 COUNTIES</b>	<b>13</b>	<b>22</b>	<b>35</b>
<b>UTAH</b>			
Kane County	1	1	2
<b>TOTAL UTAH: 1 COUNTY</b>	<b>1</b>	<b>1</b>	<b>2</b>
<b>TEXAS</b>			
Pecos County	1	0	1
Reeves County	1	0	1
Ward County	1	0	1
<b>TOTAL TEXAS: 3 COUNTIES</b>	<b>3</b>	<b>0</b>	<b>3</b>
<b>COLORADO</b>			
Delta County	1	7	8
La Plata County	1	1	2
Montezuma County	2	2	4
Montrose County	3	4	7
<b>TOTAL COLORADO: 4 COUNTIES</b>	<b>7</b>	<b>14</b>	<b>21</b>
<b>TOTAL: 5 STATES</b>	<b>29</b>	<b>41</b>	<b>70</b>

**Map 1. VSV Current: Counties with Current Premises Quarantined**



**Map 2. VSV Cumulative: Counties with Premises Quarantined April 29, 2015-present**



**Background**

On April 29, 2015, the National Veterinary Services Laboratories (NVSL) in Ames, Iowa, confirmed a finding of vesicular stomatitis virus (VSV) infection (New Jersey serotype) on a premises in Grant County, New Mexico. One horse on the premises has met the case definition of infection with compatible clinical signs and a four-fold change in positive complement fixation antibody titers. This is the 2015 VSV index case for the United States.

On May 1, 2015, the National Veterinary Services Laboratories (NVSL), confirmed findings of vesicular stomatitis virus (VSV) infection (New Jersey serotype) on premises in Maricopa County, Arizona and Kane County, Utah. Three horses on two premises in Maricopa County, Arizona met the case definition of infection with compatible clinical signs and positive complement fixation antibody titers. One mule on a premises in Kane County, Utah met the case definition of infection with compatible clinical signs and positive virus isolation. The equids involved in the Kane County, Utah case had moved from Arizona just prior to identification of clinical signs. These are the 2015 VSV index cases for Arizona and Utah, respectively.

As of May 14, 2015, all VSV-confirmed and suspect premises were released from quarantine in Utah.

On May 18, 2015, the National Veterinary Services Laboratories in Ames, Iowa confirmed a finding of VSV infection (New Jersey serotype) on a premises in Pecos County, Texas. Two horses and a mule on the premises met case definition of infection with compatible clinical signs and positive complement fixation antibody titers. This is the 2015 index case of VSV for Texas.

On July 2, 2015, the National Veterinary Services Laboratories (NVSL) in Ames, Iowa confirmed findings of VSV infection (New Jersey serotype) on three (3) premises located in Colorado; one equine premises in Delta County, Colorado and two equine premises in Montrose County, Colorado. Two horses and two mules on the three premises met case definition of infection with compatible clinical signs and positive complement fixation antibody titers. These are the 2015 index cases of VSV for Colorado.