



Animal and Plant
Health Inspection
Service

Veterinary
Services

2015 Vesicular Stomatitis Virus (VSV) Situation Report – July 8, 2015

Information current as of 10:00 am MDT, 07/08/2015

Updated information in blue ink

Since the last situation report (7/2/15), the following **new VSV-confirmed (New Jersey serotype) and/or suspect premises** have been identified and quarantined:

Arizona

- Maricopa County – 1 new suspect premises

Colorado

- Delta County – 1 new suspect premises
- Montezuma County (new affected county) – 1 new confirmed positive premises
- Montrose County – 1 new confirmed positive premises and 1 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 (7/2/15), the following premises have been **released from quarantine**:

Arizona

- Yavapai County – 1 suspect premises released

New Mexico

- Sandoval County – 1 suspect premises released

Texas

- Ward County – 1 confirmed positive premises released

VSV Current Premises

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

	New Premises 7/3- 7/8/15 Confirmed (Suspect)	Total Current Premises last report	VSV Premises Released 7/2 – 7/8/15	Total Current Premises
NEW MEXICO				
Eddy County	0	1	0	1
Sandoval County	0	2	1	1
TOTAL NEW MEXICO:	0	3	1	2
ARIZONA				
Maricopa County	0 (1)	1	0	2
Yavapai County	0	1	1	0
TOTAL ARIZONA:	0 (1)	2	1	2
TEXAS				
Ward County	0	1	1	0
TOTAL TEXAS	0	1	1	0

VSV Current Premises (Table 1 continued)

COLORADO	New Premises 7/3- 7/8/15 Confirmed (Suspect)	Total Current Premises last report	VSV Premises Released 7/2 – 7/8/15	Total Current Premises
Delta County	0 (1)	2	0	3
Montezuma County	1 (0)	0	0	1
Montrose County	1* (1)	4	0	5
TOTAL COLORADO	2* (2)	6	0	9
TOTAL: 3 STATES w/ current quarantines	2 (3)	12	3	13

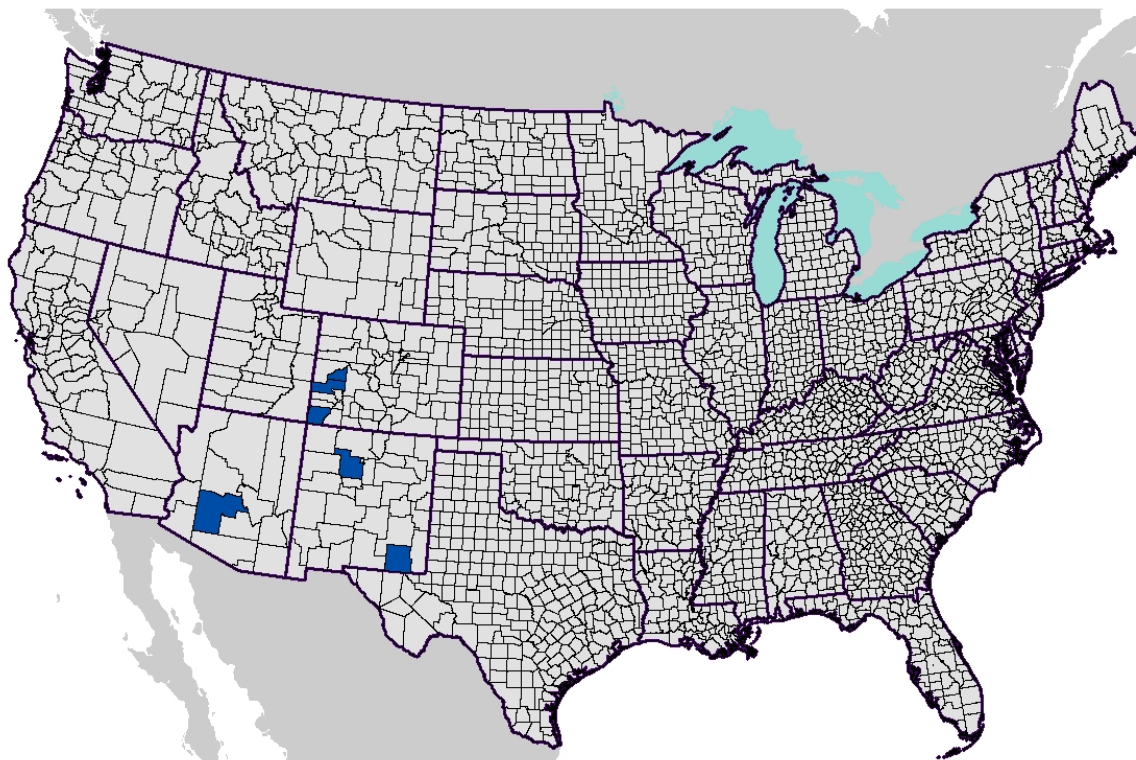
*1 new confirmed positive premises was previously reported as a suspect premises.

VSV Cumulative Premises

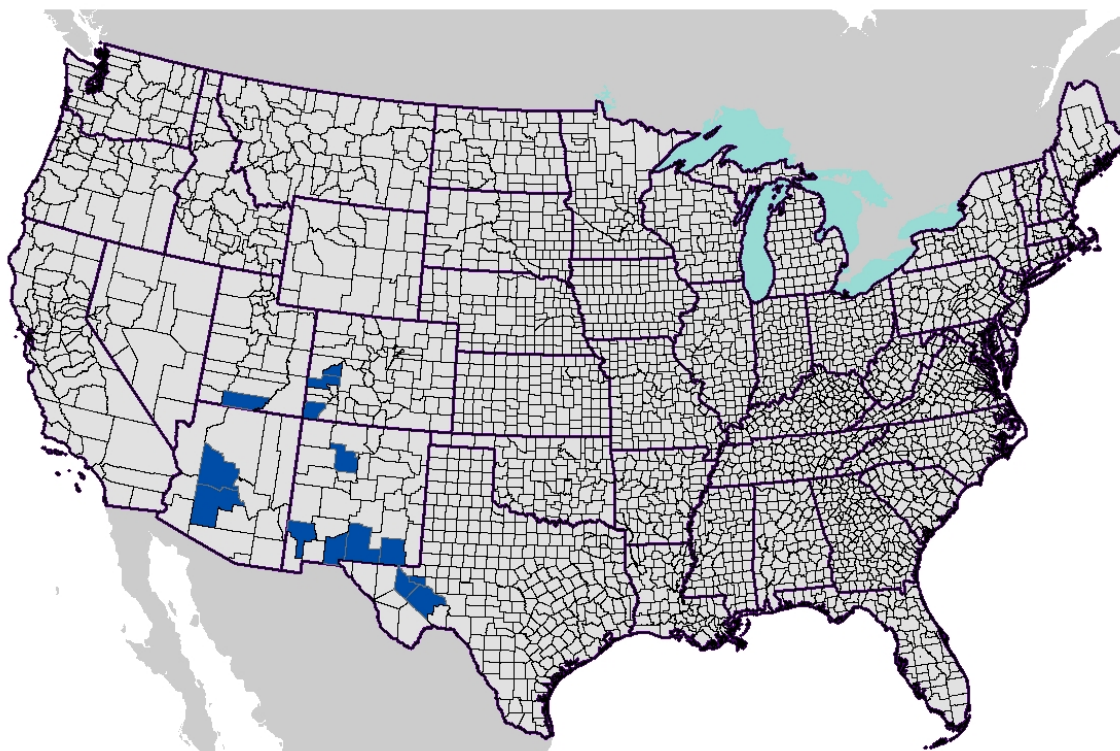
Table 2. Location and number of premises confirmed/suspect for VSV since April 29, 2015

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
TOTAL NEW MEXICO: 5 COUNTIES	5	4	9
ARIZONA			
Maricopa County	13	15	28
Yavapai County	0	7	7
TOTAL ARIZONA: 2 COUNTIES	13	22	35
UTAH			
Kane County	1	1	2
TOTAL UTAH: 1 COUNTY	1	1	2
TEXAS			
Pecos County	1	0	1
Reeves County	1	0	1
Ward County	1	0	1
TOTAL TEXAS: 3 COUNTIES	3	0	3
COLORADO			
Delta County	1	2	3
Montezuma	1	0	1
Montrose County	3	2	5
TOTAL COLORADO: 3 COUNTIES	5	4	9
TOTAL: 5 STATES	27	31	58

Map 1. VSV: Counties with Current Premises Quarantined



Map 2. VSV Cumulative: Counties with Premises Quarantined Since April 29, 2015



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.