



Animal and Plant
Health Inspection
Service

Veterinary
Services

2015 Vesicular Stomatitis Virus (VSV) Situation Report – May 19, 2015

Information current as of 5:00 pm MDT, 05/18/2015

Updated information in blue ink

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.

Since the last situation report (5/13/15), the following **new confirmed and suspect premises** have been identified and quarantined:

Arizona

- Maricopa County – 3 new confirmed positive premises; 5 new suspect premises
- Yavapai County – 2 new suspect premises

New Mexico

- Grant County – 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 (5/13/15), the following premises have been **released from quarantine**:

Utah

- Kane County – 1 suspect premises released from quarantine

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

VSV Current Premises

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

	New Premises 5/13 – 5/19/15 Confirmed (Suspect)	Total Current Premises last report	VSV Premises Released 5/13 – 5/19/15	Total Current Premises
NEW MEXICO				
Grant County	0 (1)	0	0	1
TOTAL NEW MEXICO:	0 (1)	0	0	1
ARIZONA				
Maricopa County	3* (5)	20**	0	25
Yavapai County	0 (2)	2	0	4
TOTAL ARIZONA:	3 (7)	22	0	29
UTAH				
Kane County	0	1	1	0
TOTAL UTAH	0	1	1	0
TEXAS				
Pecos County	1	0	0	1
TOTAL TEXAS	1	0	0	1
TOTAL: 3 STATES w/ current quarantines	4 (8)	23	1	31

*One (1) newly confirmed positive premises was categorized as suspect premises on the last situation report (5/13/15).

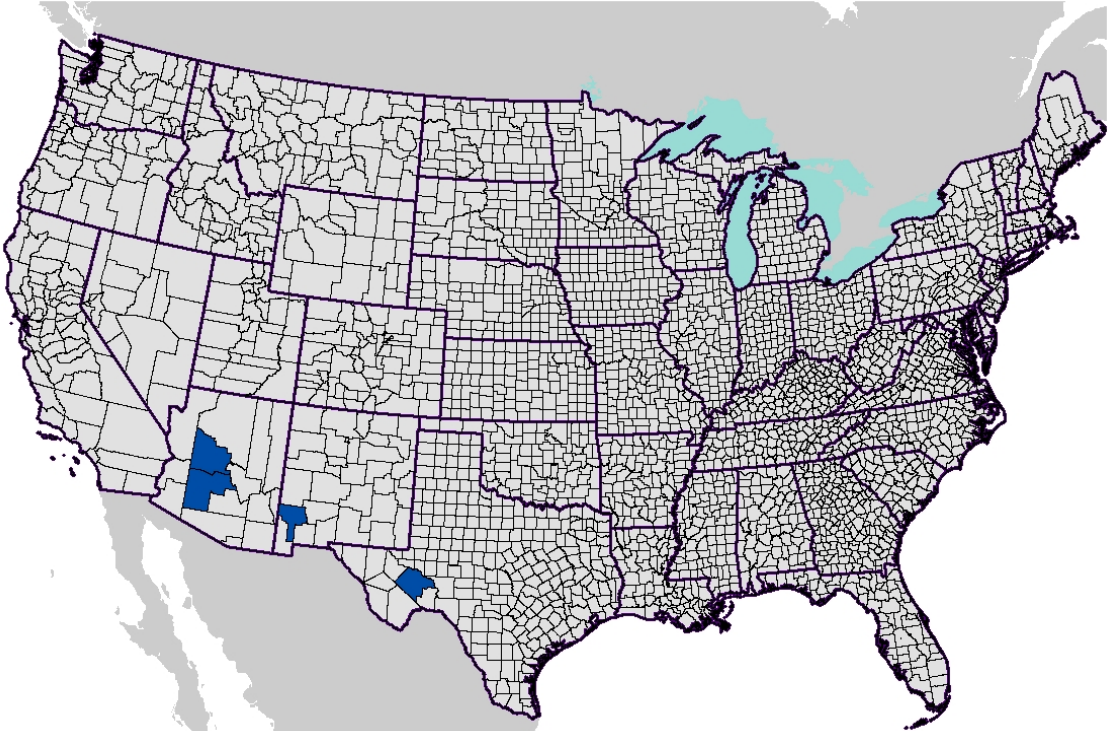
**Two (2) suspect premises from the 5/13/15 report were confirmed test negative and released as non-VSV.

VSV Cumulative Premises

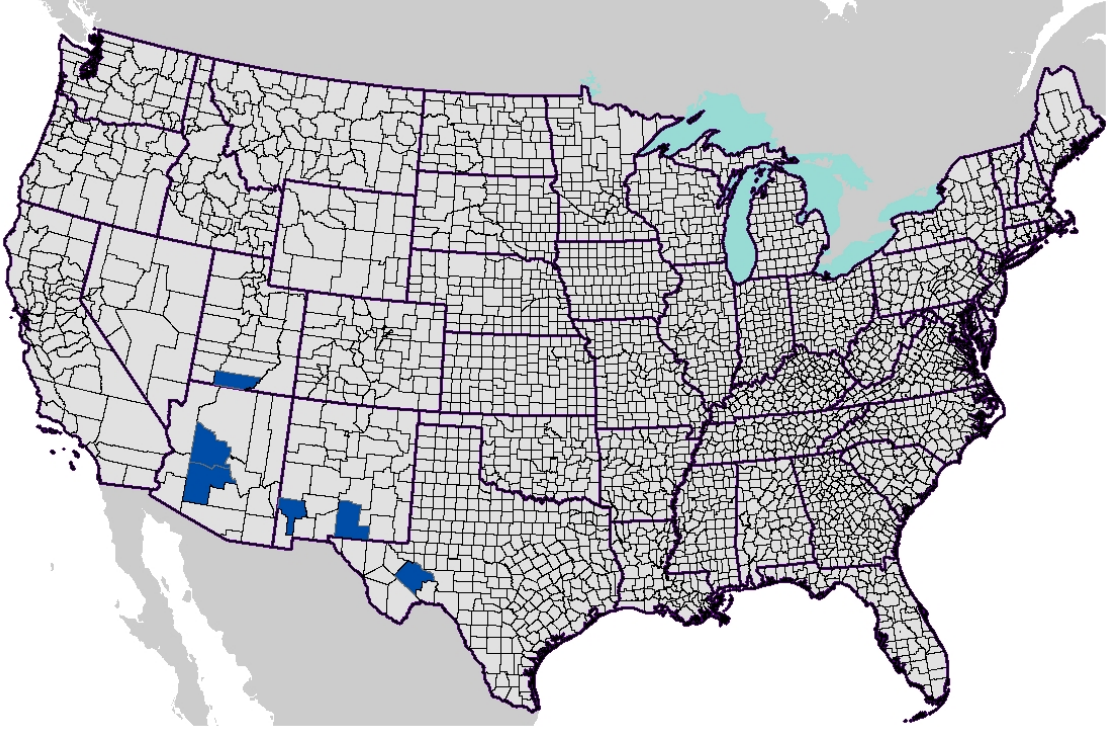
Table 2. Location and number of premises confirmed/suspect for VSV since April 29, 2015

	Confirmed Positive Premises	Suspect Premises	Total Premises
NEW MEXICO			
Grant County	1	1	2
Otero County	1	0	1
TOTAL NEW MEXICO: 2 COUNTIES	2	1	3
ARIZONA			
Maricopa County	11	14	25
Yavapai County	0	4	4
TOTAL ARIZONA: 2 COUNTIES	11	18	29
UTAH			
Kane County	1	1	2
TOTAL UTAH: 1 COUNTY	1	1	2
TEXAS			
Pecos County	1	0	1
TOTAL TEXAS: 1 COUNTY	1	0	1
TOTAL: 4 STATES	15	20	35

Map 1. VSV: Counties with Current Premises Quarantined



Map 2. VSV: Cumulative 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.