



2015 Vesicular Stomatitis Virus (VSV) Situation Report – May 27, 2015

Information current as of 5:00 pm MDT, 05/26/2015

Updated information in blue ink

Since the last situation report (5/19/15), the following **new VSV-confirmed** (New Jersey serotype) **premises** have been identified and quarantined:

Arizona

- Maricopa County – 2 new confirmed positive premises (1 previously reported as suspect)

Texas

- Reeves County (new affected county) – 1 new confirmed positive 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 (5/19/15), the following premises have been **released from quarantine**:

Arizona

- Maricopa County – 2 confirmed premises and 3 suspect premises

VSV Current Premises

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

	New Premises 5/19 – 5/26/15 Confirmed (Suspect)	Total Current Premises last report	VSV Premises Released 5/19 – 5/26/15	Total Current Premises
NEW MEXICO				
Grant County	1*	1	0	1
TOTAL NEW MEXICO:	1	1	0	1
ARIZONA				
Maricopa County	2* (0)	25**	5	19
Yavapai County	0 (0)	4	0	4
TOTAL ARIZONA:	2 (0)	29	0	23
TEXAS				
Pecos County	0	1	0	1
Reeves County	1	0	0	1
TOTAL TEXAS	1	1	0	2
TOTAL: 3 STATES w/ current quarantines	4 (0)	31	5	26

*One (1) newly confirmed positive premises was categorized as suspect premises on the last situation report (5/19/15).

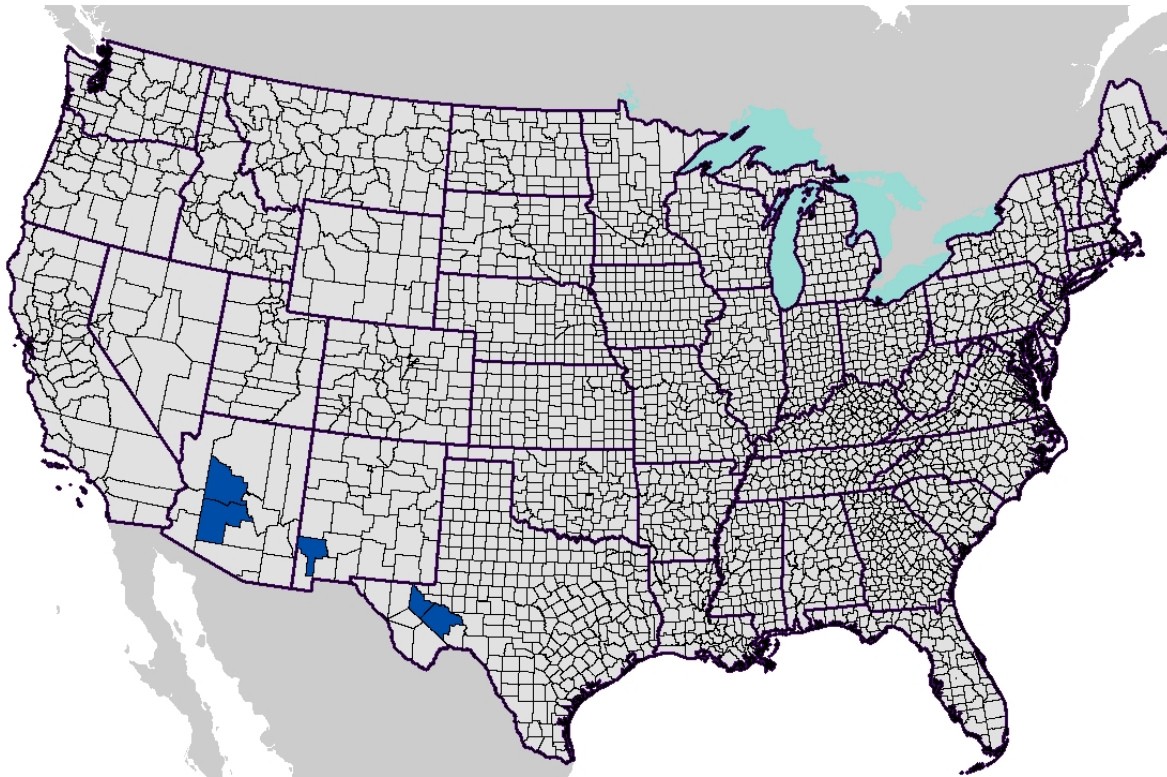
**One (1) suspect premises from the 5/19/15 report has been confirmed test negative and released as non-VSV.

VSV Cumulative Premises

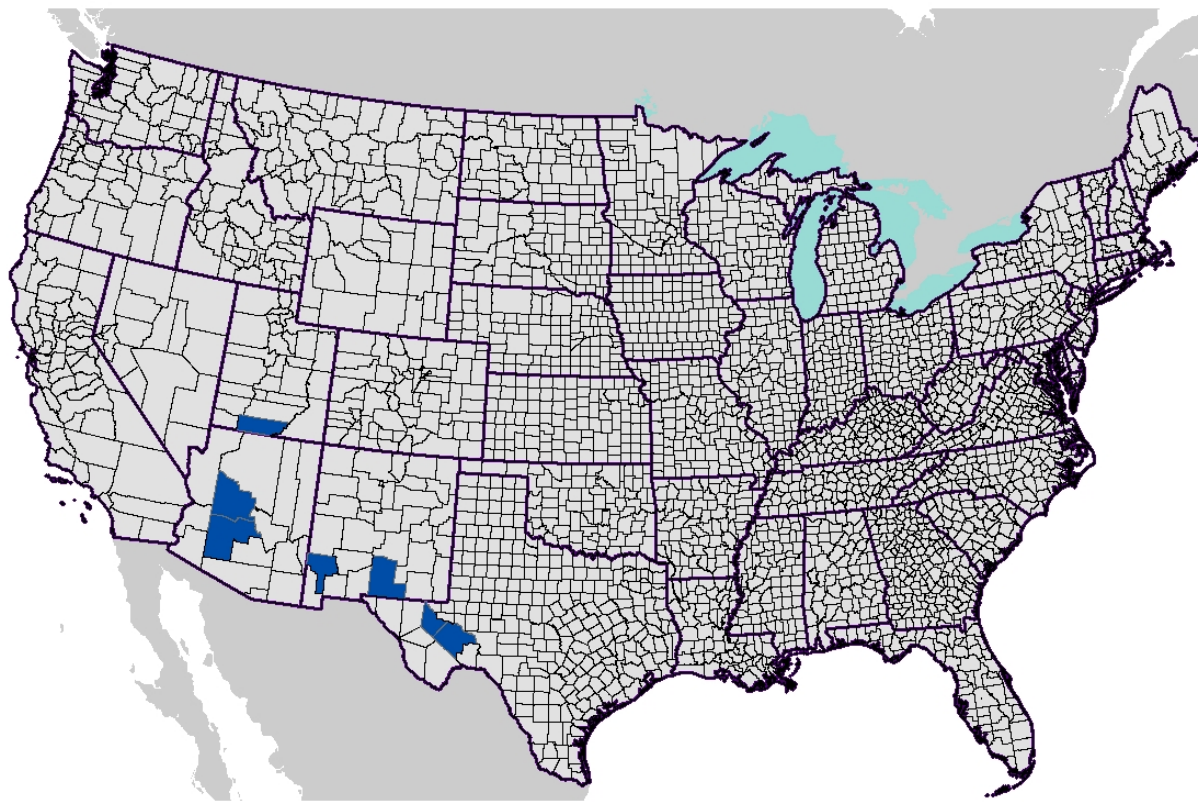
Table 2. Location and number of premises confirmed/suspect for VSV since April 29, 2015

NEW MEXICO	Confirmed Positive Premises	Suspect Premises	Total Premises
Grant County	2	0	2
Otero County	1	0	1
TOTAL NEW MEXICO: 2 COUNTIES	3	0	3
ARIZONA			
Maricopa County	13	12	25
Yavapai County	0	4	4
TOTAL ARIZONA: 2 COUNTIES	13	16	29
UTAH			
Kane County	1	1	2
TOTAL UTAH: 1 COUNTY	1	1	2
TEXAS			
Pecos County	1	0	1
Reeves County	1	0	1
TOTAL TEXAS: 2 COUNTIES	2	0	2
TOTAL: 4 STATES	19	17	36

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.