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# 2019 Vesicular Stomatitis Virus (VSV) Situation Report – July 3, 2019

*Information current as of 2:00pm MDT, 07/03/2019*

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On July 3, 2019, the National Veterinary Services Laboratories (NVSL) in Ames, Iowa, confirmed findings of vesicular stomatitis virus (VSV) infection (Indiana serotype) on two equine premises in Weld County, Colorado. One horse on one premises has met the case definition of infection with compatible clinical signs and positive complement fixation test (CFT) titers at a greater than 1:40 dilution, indicating recent infection. This is the 2019 VSV index case for Colorado. One horse on a second premises has tested polymerase chain reaction (PCR)-positive for VSV (Indiana serotype) on swabs collected from the lesions, thereby meeting subsequent case definition in an already infected state.

### **Index premises and subsequent positive premises for Colorado (Weld County):**

Both premises in Colorado are private residences with horses as the only livestock species present. The index premises has 1 of 2 horses presenting with lesions on the sheath and no history of recent movements on or off the premises. The subsequent positive premises has 1 of 3 horses presenting with lip and tongue lesions with a history of only pleasure riding nearby the premises 2 weeks prior and no other recent movements. There are no additional animals at either location currently showing clinical signs of VSV. Both premises are under state quarantine and will remain so until at least 14 days from the onset of lesions in the last affected animal on the premises.

### **Additionally, since the last situation report (June 26, 2019):**

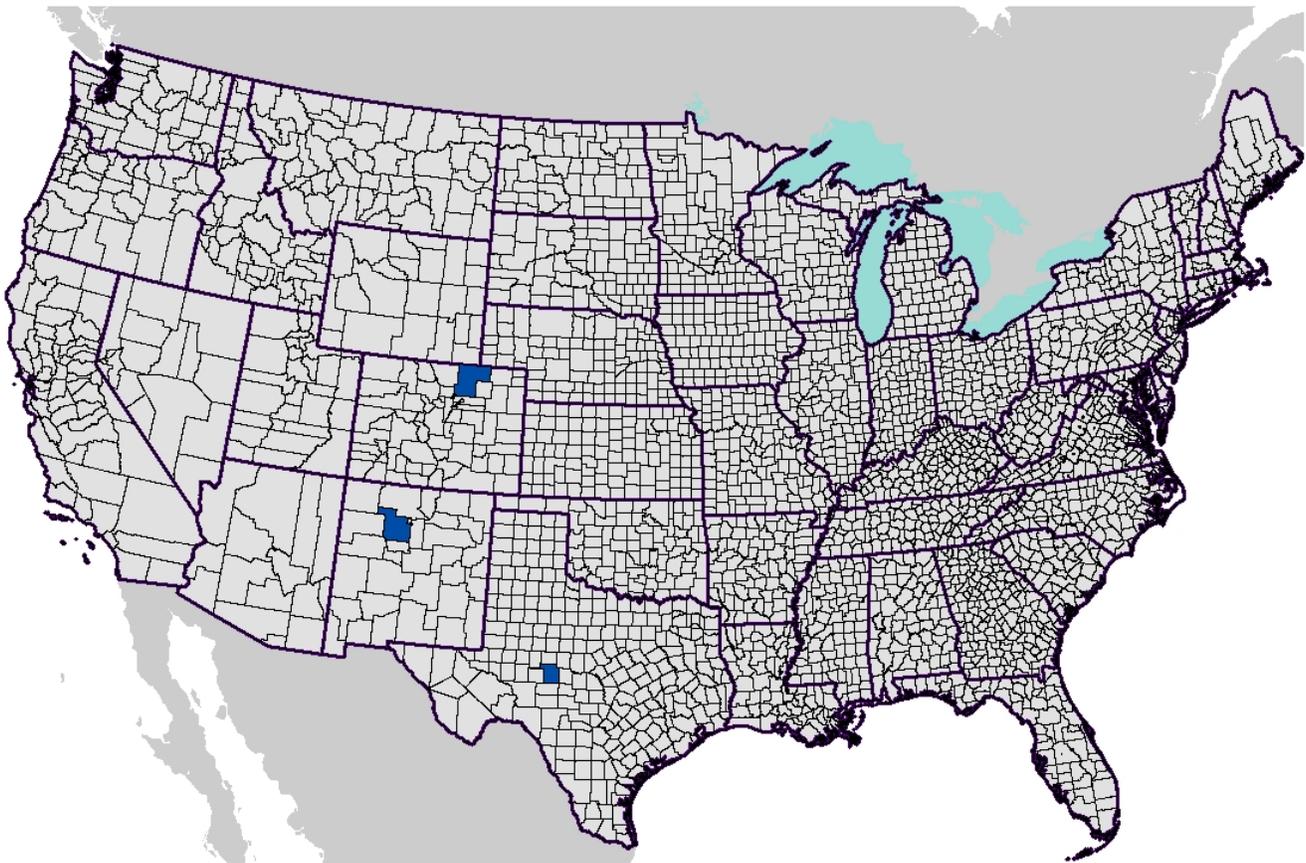
- 2 new VSV-infected equine premises have been confirmed in Sandoval County, New Mexico
- 1 new VSV-infected equine premises has been confirmed in Tom Green County, Texas
- 1 previously VSV-infected equine premises has been released from quarantine in Kinney County, Texas.

# VSV Current Premises Quarantined

Table 1. Location and number of premises currently quarantined for VSV

TEXAS	Total # Premises
Tom Green County	2
<b>TOTAL TEXAS: 1 COUNTY</b>	<b>2</b>
NEW MEXICO	
Sandoval County	3
<b>TOTAL NEW MEXICO: 1 COUNTY</b>	<b>3</b>
COLORADO	
Weld County	2
<b>TOTAL COLORADO: 1 COUNTY</b>	<b>2</b>
<b>TOTAL PREMISES IN ALL STATES</b>	<b>7</b>

Map 1. Counties with Current VSV-Quarantined Premises (shaded in blue)

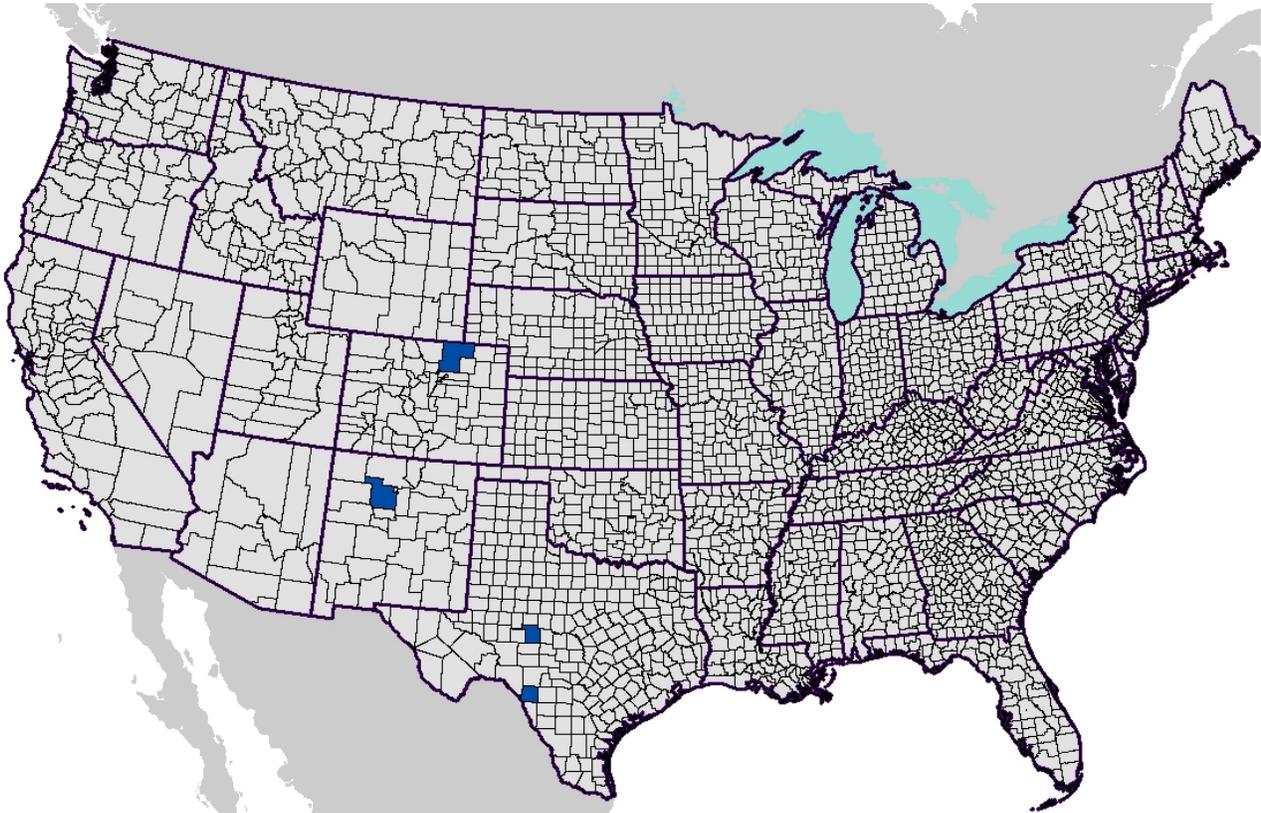


# VSV Cumulative Premises Quarantined Since June 21, 2019

Table 2. Location and number of premises quarantined for VSV since June 21, 2019

TEXAS	Total # Premises
Kinney County	1
Tom Green County	2
<b>TOTAL TEXAS: 2 COUNTIES</b>	<b>3</b>
NEW MEXICO	
Sandoval County	3
<b>TOTAL NEW MEXICO: 1 COUNTY</b>	<b>3</b>
COLORADO	
Weld County	2
<b>TOTAL COLORADO: 1 COUNTY</b>	<b>2</b>
<b>TOTAL PREMISES IN ALL STATES</b>	<b>8</b>

Map 2. Counties with Premises Quarantined for VSV Since June 21, 2019 (shaded in blue)



**Table 3. Timeline of Events**

<b>Date</b>	<b>Event</b>
June 21, 2019	VSV index case for the U.S. confirmed at NVSL – Kinney County, Texas
June 24, 2019	New affected county confirmed – Tom Green County, Texas
June 26, 2019	Index case for New Mexico confirmed – Sandoval County, New Mexico
July 3, 2019	Index case for Colorado confirmed – Weld County, Colorado