



2019 Vesicular Stomatitis Virus (VSV) Situation Report – July 24, 2019

Information current as of 2:00pm MDT, 07/24/2019

On July 24, 2019, the National Veterinary Services Laboratories in Ames, Iowa confirmed a finding of vesicular stomatitis virus (VSV) infection (Indiana serotype) on an equine premises in Platte County, Wyoming. Horses on the premises have met the case definition of infection with compatible clinical signs and virus isolation positive results. **This is the 2019 index case of VSV for Wyoming.**

Additionally, since the last situation report (July 18, 2019):

Colorado (40 new confirmed positive, 38 new suspect premises)

- Adams County – 1 new confirmed positive premises
- **Archuleta County (New Infected County)** – 2 confirmed positive, 1 suspect premises
- Boulder County – 8 new confirmed positive, 3 new suspect premises
- Broomfield County – 1 new suspect premises
- **Delta County (New Infected County)** – 1 confirmed positive premises
- La Plata County – 5 new confirmed positive, 6 new suspect premises
- Larimer County – 14 new confirmed positive, 25 new suspect premises
- **Montezuma County (New Infected County)** – 1 confirmed positive premises
- **Morgan County (New Infected County)** – 1 confirmed positive premises
- Weld County – 7 new confirmed positive, 2 new suspect premises
- The following previously VSV-infected or suspect premises have been released from quarantine: 1 in Larimer County and 2 in Weld County

New Mexico (1 new confirmed positive, 6 new suspect premises)

- Rio Arriba County – 1 new suspect premises
- Santa Fe County – 2 new suspect premises
- Valencia County – 1 new confirmed positive, 3 new suspect premises
- The following previously VSV-infected premises have been released from quarantine: 1 in Los Alamos County and 3 in Sandoval County

Texas (4 new confirmed positive, 11 new suspect premises)

- Bastrop County – 2 new confirmed positive, 10 new suspect premises
- Hays County – 1 new suspect premises
- Hood County – 1 new confirmed positive premises
- **Somervell County (New Infected County)** – 1 confirmed positive premises

Classification of Cases

Premises that have laboratory diagnostic confirmation of VSV are categorized as confirmed positive premises. Once a county is confirmed as VSV-positive, new equine premises presenting with clinical signs of VSV in that county are not required to be tested for confirmation of the disease, but the premises will be quarantined and classified as a suspect premises.

Quarantines

Confirmed positive and suspect premises are quarantined for at least 14 days from the onset of lesions in the last affected animal on the premises.

Summary of the Outbreak

The 2019 VSV outbreak began on June 21, 2019, when the National Veterinary Services Laboratories (NVSL) in Ames, Iowa confirmed the first VSV-positive premises in Kinney County, Texas. New Mexico, Colorado, and Wyoming subsequently broke with cases which were confirmed by NVSL on June 26, 2019 (Sandoval County, New Mexico), July 3, 2019 (Weld County, Colorado), and July 24, 2019 (Platte County, Wyoming). To date, all confirmed cases have been found on equine premises in these four states.

Since the start of the outbreak, **209 VSV-affected premises have been identified (124 confirmed positive, 85 suspect)**. Colorado has identified 134 affected premises (71 confirmed positive, 63 suspect) in 10 counties (Adams, Archuleta, Boulder, Broomfield, Delta, La Plata, Larimer, Montezuma, Morgan, and Weld Counties). New Mexico has identified 37 affected premises (28 confirmed positive, 9 suspect) in 6 counties (Los Alamos, Rio Arriba, Sandoval, Santa Fe, Taos, and Valencia Counties). Texas has identified 37 affected premises (24 confirmed positive, 13 suspect) located in 13 counties (Bastrop, Coleman, Hays, Hood, Johnson, Kerr, Kinney, Shackelford, Somervell, Taylor, Tom Green, Val Verde, and Wichita Counties). Wyoming has identified 1 affected premises in 1 county (Platte). There have been a total of 14 previously VSV-infected or suspect premises that have completed the quarantine period and been released.

Summary of VSV-Affected Premises

Table 1. Location, number, and status of VSV-affected premises. New information in blue.

	Confirmed Positive Premises	Suspect Premises	Premises Released from Quarantine	Current Premises Quarantined
COLORADO				
Adams County	2	0	0	2
Archuleta County	2	1	0	3
Boulder County	11	14	0	25
Broomfield County	1	1	0	2
Delta County	1	0	0	1

La Plata County	7	9	1	15
Larimer County	25	32	1	56
Montezuma County	1	0	0	1
Morgan County	1	0	0	1
Weld County	20	6	5	21
TOTAL: 10 COUNTIES	71	63	7	127
NEW MEXICO				
Los Alamos County	1	0	1	0
Rio Arriba County	1	1	0	2
Sandoval County	6	3	4	5
Santa Fe County	5	2	0	7
Taos County	2	0	0	2
Valencia County	13	3	0	16
TOTAL: 6 COUNTIES	28	9	5	32
TEXAS				
Bastrop County	5	12	0	17
Coleman County	3	0	0	3
Hays County	1	1	0	2
Hood County	4	0	0	4
Johnson County	1	0	0	1
Kerr County	1	0	1	0
Kinney County	1	0	1	0
Shackelford County	1	0	0	1
Somervell	1	0	0	1
Taylor County	1	0	0	1
Tom Green County	3	0	0	3
Val Verde County	1	0	0	1
Wichita County	1	0	0	1
TOTAL TEXAS: 13 COUNTIES	24	13	2	35
WYOMING				
Platte County	1	0	0	1
TOTAL WYOMING: 1 COUNTY	1	0	0	1
TOTAL PREMISES ALL STATES	124	85	14	195

Table 3. Timeline of Events

Date	Event
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
July 5, 2019	New affected counties confirmed – Los Alamos, New Mexico; Larimer County, Colorado
July 8, 2019	New affected counties confirmed – Valencia County, New Mexico; Coleman County, Texas; Kerr County, Texas
July 10, 2019	New affected counties confirmed – La Plata County, Colorado; Santa Fe County, New Mexico
July 11, 2019	New affected counties confirmed – Taylor County, Texas; Val Verde County, Texas
July 12, 2019	New affected counties confirmed – Boulder County, Colorado; Shackelford and Wichita Counties, Texas
July 16, 2019	New affected county confirmed – Broomfield County, Colorado
July 17, 2019	New affected counties confirmed – Adams County, Colorado; Bastrop, Hood, and Johnson Counties, Texas
July 18, 2019	New affected county confirmed – Hays County, Texas
July 19, 2019	New affected county confirmed – Delta County, Colorado
July 22, 2019	New affected county confirmed – Archuleta County, Colorado
July 23, 2019	New affected counties confirmed – Montezuma County and Morgan County, Colorado; Somervell County, Texas
July 24, 2019	Index case for Wyoming confirmed – Platte County, Wyoming