



2019 Vesicular Stomatitis Virus (VSV) Situation Report – August 15, 2019

Information current as of 6:00pm MDT, 08/15/2019

VSV-positive premises have been confirmed to date in 6 states: Colorado, Nebraska, New Mexico, Oklahoma, Texas, and Wyoming. No new states have been confirmed positive since the last situation report.

Since the last situation report (August 9, 2019), there have been 117 new VSV-affected premises (36 confirmed positive, 81 suspect) identified:

Colorado (26 new confirmed positive, 67 new suspect premises)

- **Arapahoe County (New Infected County)** – 1 confirmed positive premises
- Archuleta County – 2 new suspect premises
- Boulder County – 1 new suspect premises
- Delta County – 2 new confirmed positive (1 bovine), 14 suspect premises
- Douglas County – 5 new confirmed positive, 1 new suspect premises
- **Gunnison County (New Infected County)** – 1 confirmed positive premises
- Jefferson County – 11 new confirmed positive, 6 new suspect premises
- La Plata County – 3 new suspect premises
- Larimer County – 1 new confirmed positive, 7 new suspect premises
- Mesa County – 3 new confirmed positive, 18 new suspect premises
- **Mineral County (New Infected County)** – 1 confirmed positive premises
- Montrose County – 11 new suspect premises
- Ouray County – 1 new suspect premises
- Weld County – 1 new confirmed positive, 3 new suspect premises
- Since the last situation report, 95 previously VSV-infected or suspect premises have been released from quarantine.

Nebraska (1 new confirmed positive)

- **Scottsbluff County (New Infected County)** – 1 confirmed positive premises

New Mexico (3 new confirmed positive, 3 new suspect premises)

- San Juan County – 1 new suspect premises
- San Miguel County – 1 new confirmed positive, 1 new suspect premises
- Taos County – 2 new confirmed positive, 1 new suspect premises

Texas (4 new confirmed positive, 6 new suspect premises)

- Bastrop County – 1 new suspect premises
- Bell County – 1 new suspect premises
- **Bosque County (New Infected County)** – 1 confirmed positive premises
- **Dallas County (New Infected County)** – 2 confirmed positive premises

- Guadalupe County – 1 new suspect premises
- McLennan County – 1 new confirmed positive premises
- Travis County – 1 new suspect premises
- Williamson County -2 new suspect premises
- Since the last situation report, 59 previously VSV-infected or suspect premises have been released from quarantine.

Wyoming (2 new confirmed positive, 5 new suspect premises)

- **Albany County (New Infected County)** – 1 confirmed positive premises
- Converse County – 4 new suspect premises
- Platte County – 1 new suspect premises
- **Sweetwater County (New Infected County)** – 1 confirmed positive premises
- Since the last situation report, 2 previously VSV-infected or suspect premises were released from quarantine in Platte County.

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 (Updated information in blue)

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, Wyoming, Oklahoma, and Nebraska subsequently broke with cases which were confirmed by NVSL on June 26, 2019 (Sandoval County, New Mexico), July 3, 2019 (Weld County, Colorado), July 24, 2019 (Platte County, Wyoming), July 29, 2019 (Tillman County, Oklahoma), and August 9, 2019 (Lincoln County, Nebraska).

Since the start of the outbreak, **783 VSV-affected premises have been identified (328 confirmed positive, 455 suspect)**. **Seven hundred eighty (780)** of these premises have only equine species clinically affected and **3** premises have affected cattle (Boulder and Delta County, Colorado and Gonzales County, Texas). Colorado has identified **527** affected premises (**206** confirmed positive, **321** suspect) in **23** counties (Adams, Alamosa, **Arapahoe**, Archuleta, Boulder, Broomfield, Conejos, Delta, Douglas, Gilpin, Grand, **Gunnison**, Jefferson, La Plata, Larimer, Mesa, **Mineral**, Montezuma, Montrose, Morgan, Ouray, Pueblo, and Weld Counties). Nebraska has identified **2** affected premises in **2** counties (Lincoln and **Scottsbluff Counties**). New Mexico has identified **74** affected premises (**47** confirmed positive, **27** suspect) in 12 counties (Cibola, Los Alamos, Mora, Rio Arriba, Sandoval, San Juan, San Miguel, Santa Fe, Sierra, Socorro, Taos, and Valencia Counties). Oklahoma has identified 1 affected premises in 1 county (Tillman County). Texas has identified **155**

affected premises (64 confirmed positive, 91 suspect) located in 34 counties (Bastrop, Bell, [Bosque](#), Brown, Caldwell, Coleman, Coryell, [Dallas](#), Eastland, Erath, Falls, Gonzales, Guadalupe, Haskell, Hays, Hood, Johnson, Kerr, Kinney, Lampasas, Mason, McLennan, Mills, Palo Pinto, Parker, San Saba, Shackelford, Somervell, Taylor, Tom Green, Travis, Val Verde, Wichita, and Williamson Counties). Wyoming has identified 24 affected premises (8 confirmed positive, 16 suspect) in 5 counties ([Albany](#), Converse, Laramie, Platte, and [Sweetwater](#) Counties). There have been a total of 414 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.](#)

COLORADO	Confirmed Positive Premises	Suspect Premises	Premises Released from Quarantine	Current Premises Quarantined
Adams County	7	4	3	8
Alamosa County	1	0	0	1
Arapahoe County	1	0	0	1
Archuleta County	7	10	6	11
Boulder County	24	34	40	18
Broomfield County	1	1	1	1
Conejos County	1	0	1	0
Delta County	5	22	2	25
Douglas County	9	1	0	10
Gilpin County	1	0	0	1
Grand County	1	0	0	1
Gunnison County	1	0	0	1
Jefferson County	29	14	7	36
La Plata County	10	55	50	15
Larimer County	51	77	82	46
Mesa County	11	35	6	40
Mineral County	1	0	0	1
Montezuma County	3	24	13	14
Montrose County	2	15	1	16
Morgan County	1	2	2	1
Ouray County	1	1	0	2
Pueblo County	2	2	0	4
Weld County	36	24	43	17
TOTAL: 23 COUNTIES	206	321	257	270
NEBRASKA				
Lincoln County	1	0	0	1
Scottsbluff County	1	0	0	1

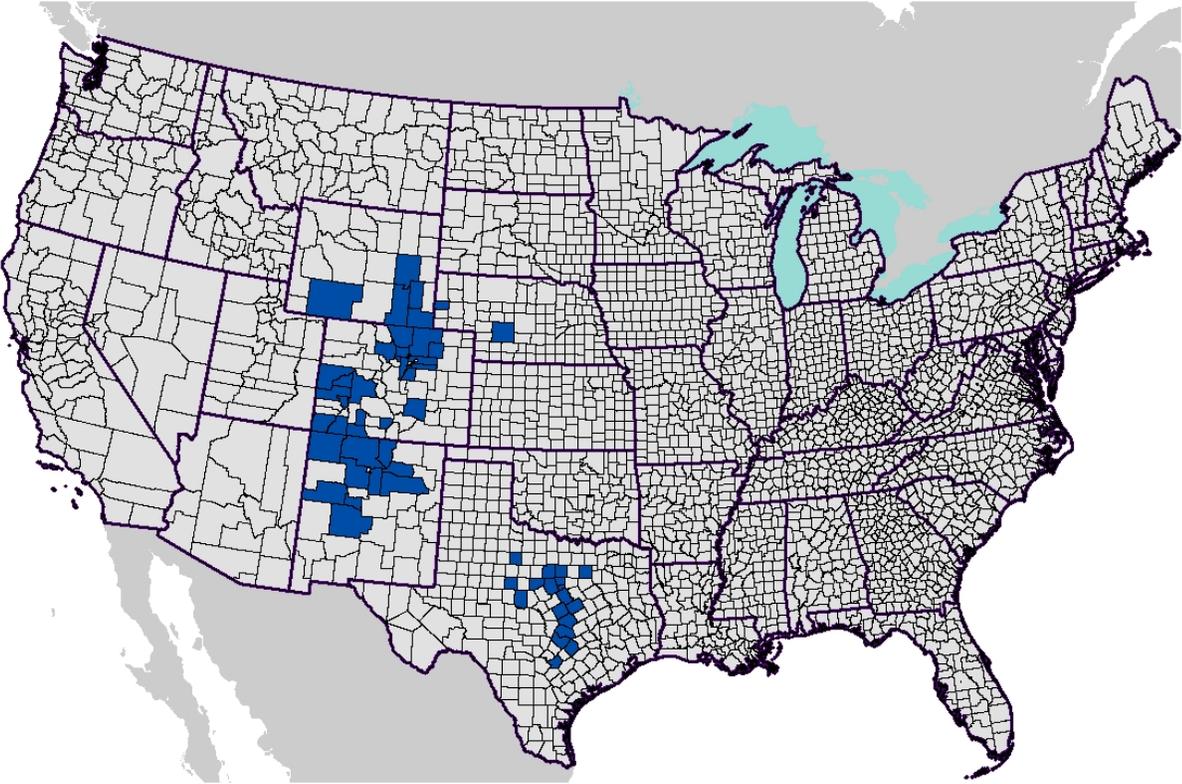
TOTAL: 2 COUNTIES	2	0	0	2
NEW MEXICO				
Cibola County	1	0	0	1
Los Alamos County	1	0	1	0
Mora County	1	0	0	1
Rio Arriba County	1	5	4	2
Sandoval County	7	3	9	1
San Juan County	1	3	1	3
San Miguel County	2	2	1	3
Santa Fe County	5	6	9	2
Sierra County	1	0	1	0
Socorro County	1	0	0	1
Taos County	5	1	2	4
Valencia County	21	7	23	5
TOTAL: 12 COUNTIES	47	27	51	23
OKLAHOMA				
Tillman County	1	0	1	0
TOTAL: 1 COUNTY	1	0	1	0
TEXAS	Confirmed Positive Premises	Suspect Premises	Premises Released from Quarantine	Current Premises Quarantined
Bastrop County	8	50	48	10
Bell County	1	1	0	2
Bosque County	1	0	0	1
Brown County	1	0	1	0
Caldwell County	2	1	3	0
Coleman County	3	0	2	1
Coryell County	1	0	0	1
Dallas County	2	0	0	2
Eastland County	1	0	0	1
Erath County	1	1	0	2
Falls County	1	0	1	0
Gonzales County	1	0	1	0
Guadalupe County	1	5	2	4
Haskell County	1	0	0	1
Hays County	1	3	4	0
Hood County	4	3	5	2
Johnson County	1	0	1	0
Kerr County	1	0	1	0
Kinney County	1	0	1	0
Lampasas County	1	0	1	0
Mason County	1	0	1	0

McLennan County	2	3	0	5
Mills County	1	0	1	0
Palo Pinto County	6	1	3	4
Parker County	3	1	2	2
San Saba County	1	0	1	0
Shackelford County	2	0	2	0
Somervell County	2	1	2	1
Taylor County	1	0	0	1
Tom Green County	3	0	3	0
Travis County	2	15	11	6
Val Verde County	1	0	1	0
Wichita County	1	0	1	0
Williamson County	4	6	3	5
TOTAL TEXAS: 34 COUNTIES	64	91	102	53
WYOMING				
Albany County	1	0	0	1
Converse County	2	5	0	7
Laramie County	1	0	0	1
Platte County	3	11	3	11
Sweetwater County	1	0	0	1
TOTAL WYOMING: 5 COUNTIES	8	16	3	21
TOTAL PREMISES ALL STATES	328	455	414	369

Table 2. Cumulative count of species clinically affected on VSV-positive premises.

State	Premises with clinically affected equine species	Premises with clinically affected bovine species	Premises with clinical signs in both equine and bovine species	Premises with clinical signs in other susceptible species	Total affected premises
COLORADO	525	2	0	0	527
NEBRASKA	2	0	0	0	2
NEW MEXICO	74	0	0	0	74
OKLAHOMA	1	0	0	0	1
TEXAS	154	1	0	0	155
WYOMING	24	0	0	0	24
TOTAL	780	3	0	0	783

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



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

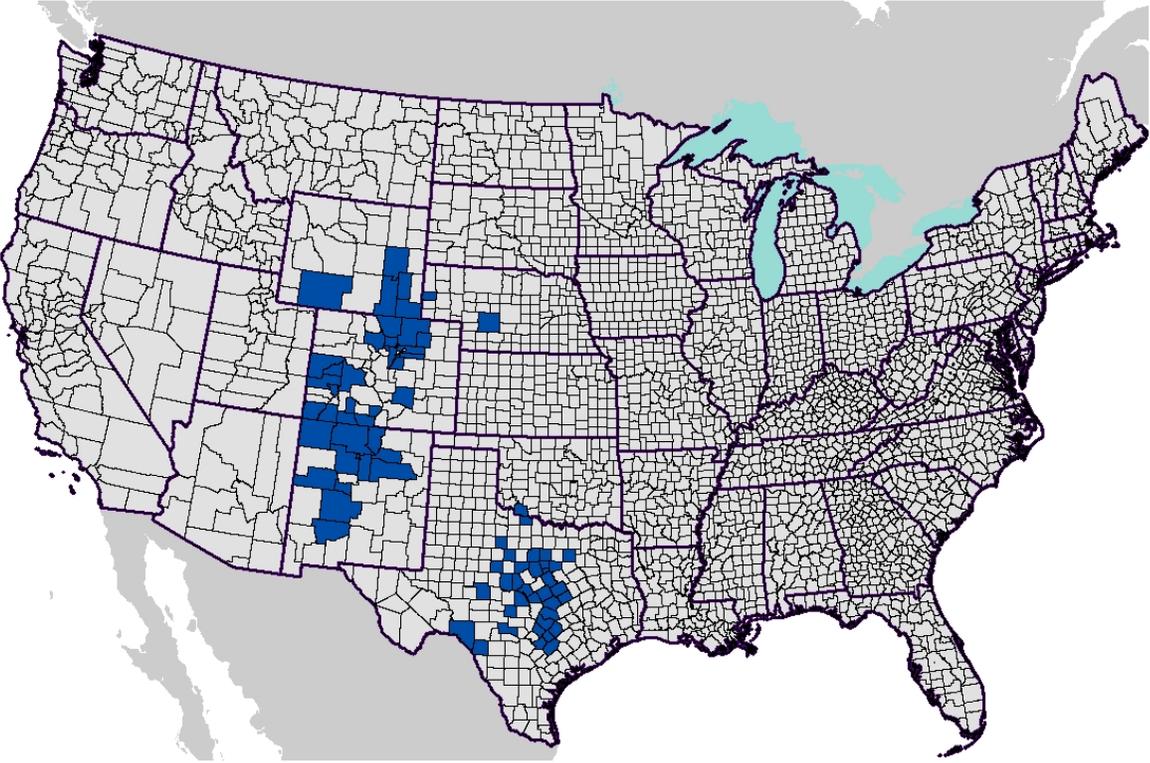


Figure 1. Cumulative Epidemic Curve for Onset of Lesions in Animals on Affected Premises. Information complete as of August 1, 2019.

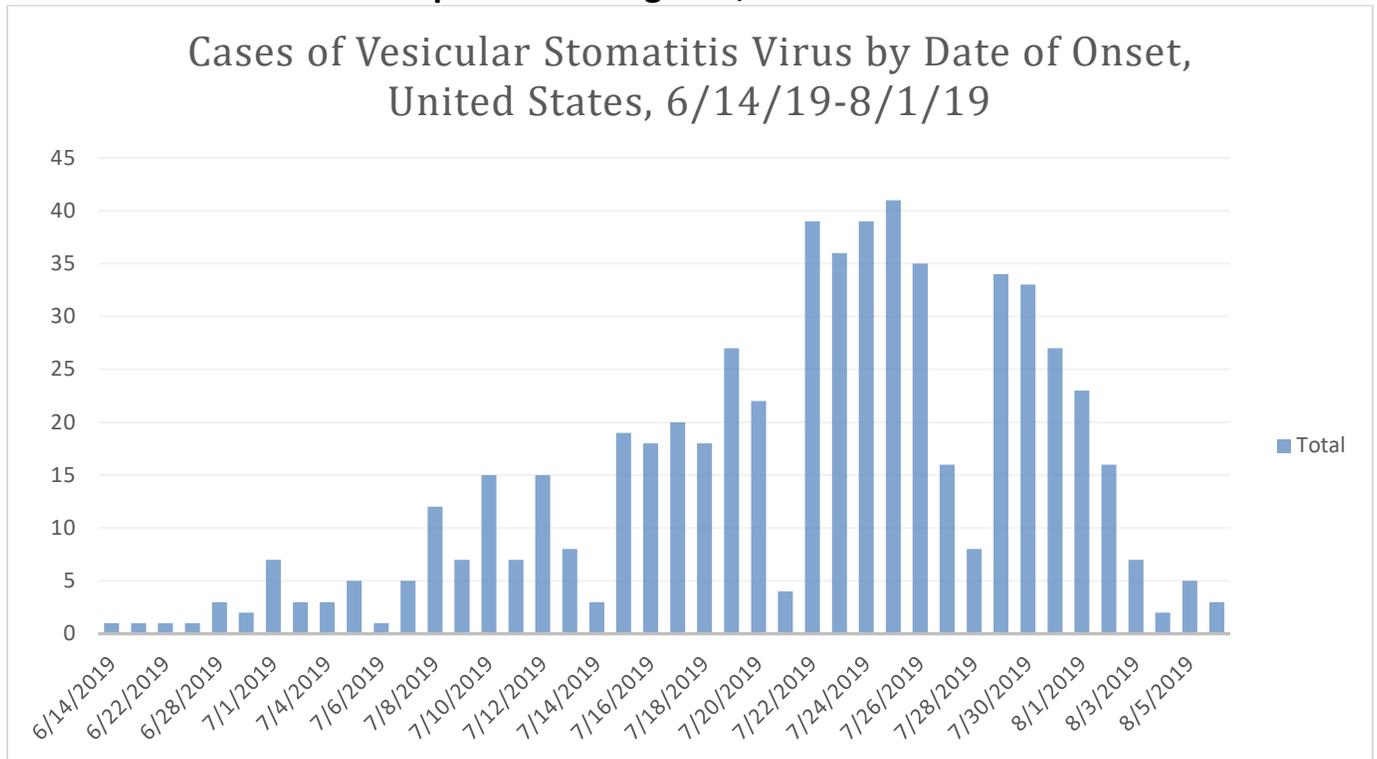


Table 3. Timeline of Events

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. New affected counties confirmed – Mesa County, Colorado; Cibola and San Miguel Counties, New Mexico
July 25, 2019	New affected counties confirmed – Brown, Palo Pinto, and Travis Counties, Texas
July 26, 2019	New affected counties confirmed – Jefferson County, Colorado; Sierra County, New Mexico; Parker County, Texas.
July 29, 2019	Index case for Oklahoma confirmed – Tillman County, Oklahoma. New affected counties confirmed – San Juan County, New Mexico; Caldwell, Eastland, and San Saba Counties, Texas.
July 30, 2019	New affected counties confirmed – Conejos County, Colorado; Mills County, Texas.
July 31, 2019	New affected counties confirmed – Montrose County, Colorado; Guadalupe, Lampasas, McLennan, and Williamson Counties, Texas.
August 1, 2019	New affected counties confirmed – Alamosa and Ouray Counties, Colorado; Gonzales and Mason Counties, Texas; Laramie County, Wyoming.
August 2, 2019	New affected counties confirmed – Douglas County, Colorado; Socorro County, New Mexico; Falls County, Texas; Converse County, Wyoming.
August 5, 2019	New affected counties confirmed – Coryell and Erath Counties, Texas.
August 6, 2019	New affected counties confirmed – Gilpin and Pueblo Counties, Colorado; Haskell County, Texas.
August 7, 2019	New affected counties confirmed – Grand County, Colorado; Mora County, New Mexico.
August 8, 2019	New affected county confirmed – Bell County, Texas.
August 9, 2019	Index case for Nebraska confirmed – Lincoln County, Nebraska. New affected county confirmed – Bosque County, Texas.
August 14, 2019	New affected counties confirmed – Arapahoe and Mineral Counties, Colorado.
August 15, 2019	New affected counties confirmed – Gunnison County, Colorado; Scottsbluff County, Nebraska; Dallas County, Texas; Albany and Sweetwater Counties, Wyoming.