

Vesicular Stomatitis 2014

Situation Report – November 19, 2014

Information Current as of 5:00 pm MDT, November 18, 2014

(Updated information listed in blue ink)

New Information

Since the last situation report (11/12/2014), a total of **nine (9)** new VSV-positive premises (New Jersey serotype) have been confirmed in Colorado; **six (6) equine premises and three (3) bovine premises**. There have been no new VSV-positive premises identified in Texas and, as of 10/13/2014, all confirmed positive VSV premises in Texas have been released from quarantine.

Horses **and cattle** were newly confirmed VSV-positive by compatible clinical signs and either complement fixation test (CFT) antibody titer or virus isolation in the following counties:

Colorado

Adams County, Colorado – 1 horse on 1 premises

El Paso County, Colorado – 2 horses on 1 premises

Larimer County, Colorado – 1 cow on 1 premises

Morgan County, Colorado – 1 cow on 1 premises

Otero County, Colorado – 3 horses on 2 premises

Pueblo County, Colorado – 1 cow on 1 premises

Weld County, Colorado – 2 horses on 2 premises

To date, a total of four hundred twenty-six (426) VSV-positive premises have been identified in two U.S. states, Colorado (364 premises) and Texas (62 premises). There have been 16 counties affected in Colorado (Adams, Arapahoe, Boulder, Broomfield, Douglas, El Paso, Fremont, Huerfano, Jefferson, Larimer, Logan, Morgan, Otero, Pueblo, Sedgwick, and Weld Counties) and 13 counties affected in Texas (Bastrop, Falls, Guadalupe, Hidalgo, Jim Wells, Kinney, Lee, McLennan, Nueces, San Patricio, Travis, Val Verde, and Williamson Counties). Of the **426** total VSV-positive premises, **399** have been positive equine premises, **24** have been positive bovine premises, and 3 premises have had both cattle and horses positive.

Positive premises are eligible for quarantine release 21 days after lesions have healed in all affected animals. To date, **three hundred twenty (320)** premises in Colorado have been released from quarantine and there are an additional twenty-four (24) premises in Colorado on 21-day countdown to quarantine release. As of October 13, 2014, all confirmed VSV-positive premises in Texas have been released from quarantine.

Map Information

See adjoining maps for current and cumulative positive premises information.

Current: Counties with Positive Premises Remaining Under Quarantine

Note: Does NOT include data from premises already released from quarantine. See Cumulative information section.

STATE	COUNTY	PREMISES
Colorado	Adams	5
	Arapahoe	1
	El Paso	5
	Fremont	3
	Huerfano	1
	Jefferson	3
	Larimer	4
	Logan	4
	Morgan	3
	Otero	2
	Pueblo	5
	Sedgwick	1
	Weld	7
TOTAL	13	44

Current Statistics for Premises Remaining Under Quarantine

Note: Does NOT include data from premises already released from quarantine. See Cumulative Statistics.

Current Positive Premises	Colorado	Texas	Total
Current Positive Premises Under Quarantine	44	0	44
Premises on 21-day Countdown to Quarantine Removal	24	0	24
Current Counties with Positive Premises	13	0	13

Current Positive Species	Colorado	Texas	Total
Positive Equine Species	57	0	57
Positive Bovine Species	20	0	20
Positive Porcine Species	0	0	0
Positive Ovine Species	0	0	0
Positive Caprine Species	0	0	0
Positive Other Ruminants	0	0	0
Total Positive Animals	77	0	77

Current Susceptible Species	Colorado	Texas	Total
Susceptible Equine Species	320	0	320
Susceptible Bovine Species	5482	0	5482
Susceptible Porcine Species	0	0	0
Susceptible Ovine Species	2	0	2
Susceptible Caprine Species	52	0	52
Susceptible Other Ruminants	22	0	22
Total Susceptible Animals	5878	0	5878

*Current susceptible species counts include current positive cases.

Cumulative: Counties with Positive Premises (since the start of the outbreak)

STATE	COUNTY	PREMISES
Colorado	Adams	17
	Arapahoe	3
	Boulder	76
	Broomfield	3
	Douglas	2
	El Paso	6
	Fremont	5
	Huerfano	1
	Jefferson	24
	Larimer	87
	Logan	5
	Morgan	5
	Otero	4
	Pueblo	28
Sedgwick	1	
Weld	97	
Texas	Bastrop	37
	Falls	1
	Guadalupe	1
	Hidalgo	2
	Jim Wells	1
	Kinney	1
	Lee*	1
	McLennan	1
	Nueces	2
	San Patricio	2
	Travis	10
	Val Verde	1
	Williamson	2
TOTAL	29	426

*Horses on the premises in Lee County were confirmed to have been infected in Bastrop County, but were illegally moved to Lee County.

Cumulative Statistics (for all premises since the start of the outbreak)

Cumulative Positive Premises	Colorado	Texas	Total
Cumulative Positive Premises Quarantined	364	62	426
Cumulative Counties with Positive Premises	16	13	29

Cumulative Positive Species	Colorado	Texas	Total
Positive Equine Species	489	89	578
Positive Bovine Species	46	8	54
Positive Porcine Species	0	0	0
Positive Ovine Species	0	0	0
Positive Caprine Species	0	0	0
Positive Other Ruminants	0	0	0
Total Positive Animals	535	97	632

Cumulative Susceptible Species	Colorado	Texas	Total
Susceptible Equine Species	3777	619	4396
Susceptible Bovine Species	6618	2023	8641
Susceptible Porcine Species	21	3	24
Susceptible Ovine Species	80	4	84
Susceptible Caprine Species	219	64	283
Susceptible Other Ruminants	105	2	107
Total Susceptible Animals	10820	2715	13535

*Cumulative susceptible species counts include positive cases.

Background Information

On May 23, 2014, the National Veterinary Services Laboratories (NVSL) in Ames, Iowa, confirmed a finding of vesicular stomatitis virus (VSV) infection (New Jersey serotype) on an equine premises in Kinney County, Texas. Four affected horses on the premises met the case definition of infection with compatible clinical signs and either virus isolation or positive complement fixation antibody titers. This was the 2014 VSV index case for the nation.

On July 17, 2014, the National Veterinary Services Laboratories in Ames, Iowa, confirmed findings of vesicular stomatitis virus (VSV) infection (New Jersey serotype) on two (2) equine premises in Weld County, Colorado. These were the index cases for Colorado. Three affected horses on one premises and one affected horse on the other premises met the case definition of VSV infection with compatible clinical signs and either positive complement fixation antibody titers or positive virus isolation.

On October 13, 2014, the last confirmed VSV-positive premises in Texas was released from quarantine.