

Vesicular Stomatitis 2014

Situation Report – November 12, 2014

Information Current as of 5:00 pm MDT, November 11, 2014

(Updated information listed in blue ink)

New Information

Since the last situation report (11/5/2014), a total of **four (4)** new VSV-positive equine premises (New Jersey serotype) have been confirmed in Colorado. 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 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 – 3 horses on 2 premises

Logan County, Colorado – 1 horse on 1 premises

Sedgwick County, Colorado (newly affected county) – 1 horse on 1 premises

Correction to a previous report: 1 positive equine premises previously reported in Pueblo County, Colorado is actually located just across the county line in Huerfano County, Colorado. Huerfano County is a newly affected county in Colorado.

To date, a total of four hundred seventeen (417) VSV-positive premises have been identified in two U.S. states, Colorado (355 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 417 total VSV-positive premises, 393 have been positive equine premises, 21 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 twelve (312)** 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	4
	Arapahoe	1
	El Paso	4
	Fremont	5
	Huerfano*	1
	Jefferson	3
	Larimer	3
	Logan	4
	Morgan	2
	Pueblo	10
	Sedgwick	1
Weld	5	
TOTAL	12	43

*A positive premises previously reported in Pueblo County is actually located in Huerfano County.

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	43	0	43
Premises on 21-day Countdown to Quarantine Removal	24	0	24
Current Counties with Positive Premises	12	0	12

Current Positive Species	Colorado	Texas	Total
Positive Equine Species	56	0	56
Positive Bovine Species	19	0	19
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	75	0	75

Current Susceptible Species	Colorado	Texas	Total
Susceptible Equine Species	300	0	300
Susceptible Bovine Species	5170	0	5170
Susceptible Porcine Species	1	0	1
Susceptible Ovine Species	2	0	2
Susceptible Caprine Species	48	0	48
Susceptible Other Ruminants	1	0	1
Total Susceptible Animals	5522	0	5522

*Current susceptible species counts include current positive cases.

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

STATE	COUNTY	PREMISES
Colorado	Adams	16
	Arapahoe	3
	Boulder	76
	Broomfield	3
	Douglas	2
	El Paso	5
	Fremont	5
	Huerfano**	1
	Jefferson	24
	Larimer	86
	Logan	5
	Morgan	4
	Otero	2
	Pueblo	27
	Sedgwick	1
Weld	95	
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	417

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

** A positive premises previously reported in Pueblo County is actually located in Huerfano County.

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

Cumulative Positive Premises	Colorado	Texas	Total
Cumulative Positive Premises Quarantined	355	62	417
Cumulative Counties with Positive Premises	16	13	29

Cumulative Positive Species	Colorado	Texas	Total
Positive Equine Species	481	89	570
Positive Bovine Species	43	8	51
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	524	97	621

Cumulative Susceptible Species	Colorado	Texas	Total
Susceptible Equine Species	3733	619	4352
Susceptible Bovine Species	6293	2023	8316
Susceptible Porcine Species	21	3	24
Susceptible Ovine Species	80	4	84
Susceptible Caprine Species	199	64	263
Susceptible Other Ruminants	83	2	85
Total Susceptible Animals	10409	2715	13124

*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.