

Vesicular Stomatitis 2014

Situation Report – October 1, 2014

Information Current as of 5:00 pm MDT, September 30, 2014

(Updated information listed in blue ink)

New Information

Since the last situation report (9/24/2014), a total of **seven (7)** new VSV-positive equine premises (New Jersey serotype) have been confirmed in Colorado. **There have been no new VSV-positive premises identified in Texas.**

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

Morgan County, Colorado – 1 horse on 1 premises

Otero County, Colorado (newly affected county) – 3 horses on 1 premises

Pueblo County, Colorado – 5 horses on 5 premises

To date, a total of three hundred seventy-two (372) VSV-positive premises have been identified in two U.S. states, Colorado (310 premises) and Texas (62 premises). There have been **14** counties affected in Colorado (Adams, Arapahoe, Boulder, Broomfield, Douglas, El Paso, Fremont, Jefferson, Larimer, Logan, Morgan, **Otero**, Pueblo, 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 **372** total VSV-positive premises, **357** have been positive equine premises, 13 have been positive bovine premises, and 2 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, **fifty-five (55)** premises in Texas and **two hundred fourteen (214)** premises in Colorado have been released from quarantine. There are an additional **six (6)** premises in Texas and **forty-three (43)** premises in Colorado on 21-day countdown to quarantine release.

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	2
	Boulder	10
	Broomfield	1
	Douglas	1
	Fremont	1
	Jefferson	8
	Larimer	36
	Logan	1
	Morgan	2
	Otero	1
	Pueblo	12
Weld	17	
Texas	Bastrop	6
	McLennan	1
TOTAL	15	103

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	96	7	103
Premises on 21-day Countdown to Quarantine Removal	43	6	49
Current Counties with Positive Premises	13	2	15

Current Positive Species	Colorado	Texas	Total
Positive Equine Species	142	12	154
Positive Bovine Species	10	0	10
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	152	12	164

Current Susceptible Species	Colorado	Texas	Total
Susceptible Equine Species	902	68	970
Susceptible Bovine Species	423	0	423
Susceptible Porcine Species	4	0	4
Susceptible Ovine Species	9	0	9
Susceptible Caprine Species	20	0	20
Susceptible Other Ruminants	3	0	3
Total Susceptible Animals	1361	68	1429

*Current susceptible species counts include current positive cases.

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

STATE	COUNTY	PREMISES
Colorado	Adams	13
	Arapahoe	2
	Boulder	76
	Broomfield	3
	Douglas	2
	El Paso	1
	Fremont	1
	Jefferson	23
	Larimer	84
	Logan	1
	Morgan	2
	Otero	1
	Pueblo	12
	Weld	89
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	27	372

*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	310	62	372
Cumulative Counties with Positive Premises	14	13	27

Cumulative Positive Species	Colorado	Texas	Total
Positive Equine Species	430	89	519
Positive Bovine Species	18	8	26
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	448	97	545

Cumulative Susceptible Species	Colorado	Texas	Total
Susceptible Equine Species	3430	619	4049
Susceptible Bovine Species	950	2023	2973
Susceptible Porcine Species	20	3	23
Susceptible Ovine Species	78	4	82
Susceptible Caprine Species	146	64	210
Susceptible Other Ruminants	82	2	84
Total Susceptible Animals	4706	2715	7421

*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.