

Vesicular Stomatitis 2014

Situation Report – September 3, 2014

Information Current as of 5:00 pm MDT, September 2, 2014

(Updated information listed in blue ink)

New Information

Since the last situation report (8/27/2014), a total of **twenty-seven (27)** new VSV-positive premises (New Jersey serotype) have been confirmed in two states; in Colorado, **twenty-six (26)** new equine premises and in Texas, **one (1)** new equine premises.

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:

Texas

McLennan County, Texas (newly affected county) – 3 horses on 1 premises

Colorado

Adams County, Colorado – 1 horse on 1 premises

Boulder County, Colorado – 4 horses on 4 premises

Jefferson County, Colorado – 8 horses on 6 premises

Larimer County, Colorado – 9 horses on 9 premises

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

Weld County, Colorado – 6 horses on 5 premises

To date, a total of three hundred six (306) VSV-positive premises have been identified in two U.S. states, Colorado (248 premises) and Texas (58 premises). There have been 9 counties affected in Colorado (Adams, Boulder, Broomfield, Douglas, El Paso, Jefferson, Larimer, **Morgan** and Weld Counties) and 12 counties affected in Texas (Bastrop, Falls, Guadalupe, Hidalgo, Jim Wells, Kinney, **McLennan**, Nueces, San Patricio, Travis, Val Verde, and Williamson Counties). Of the 306 total VSV-positive premises, 296 have been positive equine premises, 8 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, **twenty-three (23)** premises in Texas have been released from quarantine (1 in Kinney County, 2 in Nueces County, 2 in San Patricio County, 2 in Hidalgo County, 1 in Jim Wells County, 1 in Val Verde County, 1 in Guadalupe County, 8 in Travis County, **4 in Bastrop County, and 1 in Williamson County**) and **forty (40)** premises in Colorado have been released from quarantine (10 in Boulder County, 29 in Weld County, and 1 in Adams County). There are an additional **twenty-three (23)** premises in Texas and **sixty-nine (69)** 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	10
	Boulder	61
	Broomfield	2
	Douglas	1
	El Paso	1
	Jefferson	16
	Larimer	65
	Morgan	1
Weld	51	
Texas	Bastrop	30
	Falls	1
	McLennan	1
	Travis	2
	Williamson	1
TOTAL	14	243

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	208	35	243
Premises on 21-day Countdown to Quarantine Removal	69	23	92
Current Counties with Positive Premises	9	5	14

Current Positive Species	Colorado	Texas	Total
Positive Equine Species	288	48	336
Positive Bovine Species	7	4	11
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	295	52	347

Current Susceptible Species	Colorado	Texas	Total
Susceptible Equine Species	2497	280	2777
Susceptible Bovine Species	351	1870	2221
Susceptible Porcine Species	18	3	21
Susceptible Ovine Species	32	0	32
Susceptible Caprine Species	125	37	162
Susceptible Other Ruminants	79	2	81
Total Susceptible Animals	3102	2192	5294

*Current susceptible species counts include current positive cases.

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

STATE	COUNTY	PREMISES
Colorado	Adams	11
	Boulder	71
	Broomfield	2
	Douglas	1
	El Paso	1
	Jefferson	16
	Larimer	65
	Morgan	1
	Weld	80
Texas	Bastrop	34
	Falls	1
	Guadalupe	1
	Hidalgo	2
	Jim Wells	1
	Kinney	1
	McLennan	1
	Nueces	2
	San Patricio	2
	Travis	10
	Val Verde	1
	Williamson	2
TOTAL	21	306

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

Cumulative Positive Premises	Colorado	Texas	Total
Cumulative Positive Premises Quarantined	248	58	306
Cumulative Counties with Positive Premises	9	12	21

Cumulative Positive Species	Colorado	Texas	Total
Positive Equine Species	344	82	426
Positive Bovine Species	7	8	15
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	351	90	441

Cumulative Susceptible Species	Colorado	Texas	Total
Susceptible Equine Species	2925	607	3532
Susceptible Bovine Species	402	2023	2425
Susceptible Porcine Species	18	3	21
Susceptible Ovine Species	72	4	76
Susceptible Caprine Species	129	64	193
Susceptible Other Ruminants	82	2	84
Total Susceptible Animals	3628	2703	6331

*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.