

Vesicular Stomatitis 2014

Situation Report – July 24, 2014

Information Current as of 5:00 pm MDT, July 23, 2014

(Updated information listed in blue ink)

New Information

Since the last situation report (7/21/2014), twelve (12) new VSV-positive premises (New Jersey serotype) have been confirmed; eight (8) equine premises in Texas and four (4) equine premises in Colorado. Horses were confirmed VSV-positive by compatible clinical signs and either complement fixation test (CFT) antibody titer or virus isolation in the following counties:

Travis County, Texas – 7 horses on 5 premises

Bastrop County, Texas – 3 horses on 3 premises

Weld County, Colorado – 5 horses on 4 premises

To date, a total of 28 VSV-positive premises have been identified in two U.S. states, Colorado and Texas. Four (4) premises in Texas (1 in Kinney County, 2 in Nueces County, and 1 in San Patricio County) have been released from quarantine and there are currently four (4) other premises in Texas on 21-day countdown to quarantine release.

Map Information

See adjoining map for current and cumulative positive premises information.

Current: Counties with Positive Premises Under Quarantine

STATE	COUNTY	PREMISES
Colorado	Boulder	1
	Weld	6
Texas	Bastrop	5
	Guadalupe	1
	Hidalgo	2
	Jim Wells	1
	San Patricio	1
	Travis	7
	TOTAL	8

Current Statistics

Current Positive Premises	Colorado	Texas	Total
Current Positive Premises Under Quarantine	7	17	24
Premises on 21-day Countdown to Quarantine Removal	0	4	4
Current Counties with Positive Premises	2	6	8

Current Positive Species	Colorado	Texas	Total
Positive Equine Species	10	25	35
Positive Bovine Species	0	2	2
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	10	27	37

Current Susceptible Species	Colorado	Texas	Total
Susceptible Equine Species	112	148	260
Susceptible Bovine Species	15	82	97
Susceptible Porcine Species	0	0	0
Susceptible Ovine Species	0	4	4
Susceptible Caprine Species	1	14	15
Susceptible Other Ruminants	0	2	2
Total Susceptible Animals	128	250	378

*Current susceptible species counts include current positive cases.

Cumulative: Counties with Positive Premises

STATE	COUNTY	PREMISES
Colorado	Boulder	1
	Weld	6
Texas	Bastrop	5
	Guadalupe	1
	Hidalgo	2
	Jim Wells	1
	Kinney	1
	Nueces	2
	San Patricio	2
	Travis	7
TOTAL	10	28

Cumulative Statistics

Cumulative Positive Premises	Colorado	Texas	Total
Cumulative Positive Premises Under Quarantine	7	21	28
Cumulative Counties with Positive Premises	2	8	10

Cumulative Positive Species	Colorado	Texas	Total
Positive Equine Species	10	32	42
Positive Bovine Species	0	2	2
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	10	34	44

Cumulative Susceptible Species	Colorado	Texas	Total
Susceptible Equine Species	112	226	338
Susceptible Bovine Species	15	86	101
Susceptible Porcine Species	0	0	0
Susceptible Ovine Species	0	4	4
Susceptible Caprine Species	1	27	28
Susceptible Other Ruminants	0	2	2
Total Susceptible Animals	128	345	473

*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.