

Vesicular Stomatitis 2014
Situation Report – July 11, 2014

Information Current as of 12:00 pm MDT, July 11, 2014

New Information

Since the last situation report (7/8/2014), two (2) new VSV-infected equine premises have been identified; one in Bastrop County and one in Travis County, Texas. On each of the two premises, two (2) horses were confirmed infected with VSV (New Jersey serotype) by compatible clinical signs and complement fixation test (CFT) antibody titer. To date, there have been a total of ten (10) VSV-positive premises in 7 Texas counties; 1 in Kinney County, 2 in Hidalgo County, 2 in San Patricio County, 2 in Nueces County, 1 in Jim Wells County, 1 in Bastrop County, and 1 in Travis County.

The index premises in Kinney County was released from quarantine on July 8, 2014. The lesions in the affected horses had healed and a 21-day countdown was completed with no animals becoming newly affected on the premises. Currently, there are 6 additional premises 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
Texas	Bastrop	1
	Hidalgo	2
	Jim Wells	1
	Nueces	2
	San Patricio	2
	Travis	1
TOTAL	6	9

Current Statistics

Current Positive Premises	Texas	Total
Current Positive Premises Under Quarantine	9	9
Premises on 21-Day Countdown for Removal of Quarantine	6	6
Current Counties with Positive Premises	6	6

Current Positive Species	Texas	Total
Positive Equine Species	11	11
Positive Bovine Species	2	2
Positive Porcine Species	0	0
Positive Ovine Species	0	0
Positive Caprine Species	0	0
Positive Other Ruminants	0	0
Total Positive Animals	13	13

Current Susceptible Species*	Texas	Total
Susceptible Equine Species	36	36
Susceptible Bovine Species	77	77
Susceptible Porcine Species	0	0
Susceptible Ovine Species	4	4
Susceptible Caprine Species	16	16
Susceptible Other Ruminants	0	0
Total Susceptible Animals	133	133

*Current susceptible species counts include current positive cases.

Cumulative: Counties with Positive Premises

STATE	COUNTY	PREMISES
Texas	Bastrop	1
	Hidalgo	2
	Jim Wells	1
	Kinney	1
	Nueces	2
	San Patricio	2
	Travis	1
TOTAL	7	10

Cumulative Statistics

Cumulative Positive Premises	Texas	Total
Cumulative Positive Premises Quarantined	10	10
Cumulative Counties with Positive Premises	7	7

Cumulative Positive Species	Texas	Total
Positive Equine Species	15	15
Positive Bovine Species	2	2
Positive Porcine Species	0	0
Positive Ovine Species	0	0
Positive Caprine Species	0	0
Positive Other Ruminants	0	0
Total Positive Animals	17	17

Cumulative Susceptible Species*	Texas	Total
Susceptible Equine Species	97	97
Susceptible Bovine Species	81	81
Susceptible Porcine Species	0	0
Susceptible Ovine Species	4	4
Susceptible Caprine Species	27	27
Susceptible Other Ruminants	0	0
Total Susceptible Animals	209	209

*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.