

Vesicular Stomatitis 2012
Situation Report – December 25, 2012

New Information

- This will serve as the final situation report for the 2012 Vesicular Stomatitis outbreak.
- No new VSV-infected premises have been identified since the last situation report (12/18/12).
- **The last affected New Mexico premises was released from quarantine on December 24.** Premises are eligible for quarantine release 21 days after lesions have healed in all affected animals.
- A total of 34 premises in New Mexico and 2 premises in Colorado have been released from quarantine since the start of the outbreak. **All affected premises in both Colorado and New Mexico have been released from quarantine.**
- A total of 2 equine premises in 2 Colorado counties and 34 equine premises in 10 New Mexico counties were VSV-positive in 2012. All 2012 VSV cases were New Jersey serotype.

Current: Counties with positive premises – None; There are no positive premises

STATE	COUNTY	PREMISES
No States	No Counties	0
TOTAL	0	0

Current Statistics

Current Positive Premises	Colorado	New Mexico	Total
Current Positive Premises Under Quarantine	0	0	0
Premises on 21-Day Countdown for Removal of Quarantine	0	0	0
Current Counties with Positive Premises	0	0	0

Current Positive Species	Colorado	New Mexico	Total
Positive Equine Species	0	0	0
Positive Bovine Species	0	0	0
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	0	0	0

Current Susceptible Species*	Colorado	New Mexico	Total
Susceptible Equine Species	0	0	0
Susceptible Bovine Species	0	0	0
Susceptible Porcine Species	0	0	0
Susceptible Ovine Species	0	0	0
Susceptible Caprine Species	0	0	0
Susceptible Other Ruminants	0	0	0
Total Susceptible Animals	0	0	0

*Current susceptible species counts include current positive cases

Cumulative: Counties which had positive premises

STATE	COUNTY	PREMISES
Colorado	Conejos	1
	Las Animas	1
TOTAL	2	2

STATE	COUNTY	PREMISES
New Mexico	Lincoln	1
	Mora	2
	Otero	1
	Rio Arriba	5
	Sandoval	4
	San Miguel	2
	Sierra	1
	Socorro	3
	Taos	4
	Valencia	11
TOTAL	10	34

Cumulative Statistics

Cumulative Positive Premises	Colorado	New Mexico	Total
Cumulative Positive Premises Quarantined	2	34	36
Cumulative Counties with Positive Premises	2	10	12

Cumulative Positive Species	Colorado	New Mexico	Total
Positive Equine Species	2	49	51
Positive Bovine Species	0	0	0
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	2	49	51

Cumulative Susceptible Species*	Colorado	New Mexico	Total
Susceptible Equine Species	5	272	277
Susceptible Bovine Species	0	0	0
Susceptible Porcine Species	0	0	0
Susceptible Ovine Species	0	5	5
Susceptible Caprine Species	2	6	8
Susceptible Other Ruminants	0	0	0
Total Susceptible Animals	7	283	290

*Cumulative susceptible species counts include positive cases.

Background Information

On April 30, 2012, 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 Otero County, New Mexico. The two affected horses had clinical signs and positive VSV serology. One of the two horses had a four-fold increase in virus neutralization (VN) test titer on paired sera collected 7 days apart meeting the requirements for the index case for the nation. This is the index case of VSV for the United States in 2012.

On August 1, 2012, the NVSL in Ames, Iowa, confirmed a finding of VSV infection (New Jersey serotype) on an equine premises in Las Animas County, Colorado. One affected horse had clinical signs and a positive VSV titer at the 1:40 dilution on the complement fixation test meeting the case definition for index case in a subsequent state. This is the index case of VSV for Colorado in 2012.

As of October 4, 2012, all VSV-affected premises in Colorado have been released from quarantine and no new cases have been identified.

As of December 24, 2012, all VSV-affected premises in New Mexico have been released from quarantine and no new cases have been identified. The December 25, 2012 situation report is the final report for the 2012 Vesicular Stomatitis outbreak.