



2025 Vesicular Stomatitis Virus (VSV) Situation Report – November 24, 2025

Information current as of 10:00 am MDT, 11/24/2025

Since the last situation report (10/31/2025), there has been **one (1) new confirmed positive equine premises identified in Arizona (Gila County - new affected county)**. All confirmed cases in the 2025 outbreak have been vesicular stomatitis New Jersey virus (VSNJV) serotype. Updates are as follows:

Arizona

- **Cochise County** – no new positive premises
- **Gila County (New Affected County) - 1 confirmed positive equine premises**
- Since the last situation report (10/31/2025), the following previously confirmed positive premises were released from quarantine on 11/12/2025: 2 premises in Cochise County.

Classification of Cases

Premises that have diagnostic laboratory confirmation of VSV are categorized as confirmed positive premises. Once a county is confirmed as VSV-positive, new equine premises presenting with clinical signs of VSV in that county are not required to be tested for confirmation of the disease, but the premises will be quarantined and classified as a presumptive positive premises. Premises may also be classified as presumptive positive if clinical animals on the premises fail to meet confirmed case definition, but there is diagnostic laboratory evidence of recent VSV infection.

Quarantines

Confirmed and presumptive positive premises are quarantined for at least 14 days from the onset of lesions in the last affected animal on the premises.

Epidemiology and Disease Control

Vesicular stomatitis virus circulates annually between livestock and insect vectors in southern Mexico and only occasionally results in incursion to the U.S. when climatic and ecological factors support movement of VSV-infected insect vectors northward. Known competent vectors for transmission of VSV include black flies, sand flies, and biting midges (*Culicoides spp.*), but other insect vectors may also be involved. Susceptible species are primarily equids (horses, donkeys, mules) and cattle, but can also include camelids (llamas, alpacas), swine, sheep, and goats. Control measures on VSV suspect and confirmed positive premises include quarantine of all susceptible species, isolation of lesioned animals, enhanced biosecurity, and vector mitigation measures to reduce within-herd spread.

Summary of the Outbreak

The 2025 VSV outbreak began on October 31, 2025, when the National Veterinary Services Laboratories (NVSL) in Ames, Iowa, confirmed the first VSV-positive premises in Cochise County, Arizona.

Since the start of the outbreak, **3 VSV-affected premises have been identified (3 confirmed positive, 0 presumptive positive) in 1 state, Arizona.** All 3 premises have had only equine species clinically affected in two counties (Cochise and Gila Counties), although other susceptible species (cattle) were also present on each premises.

Summary and Status of VSV-Affected Premises

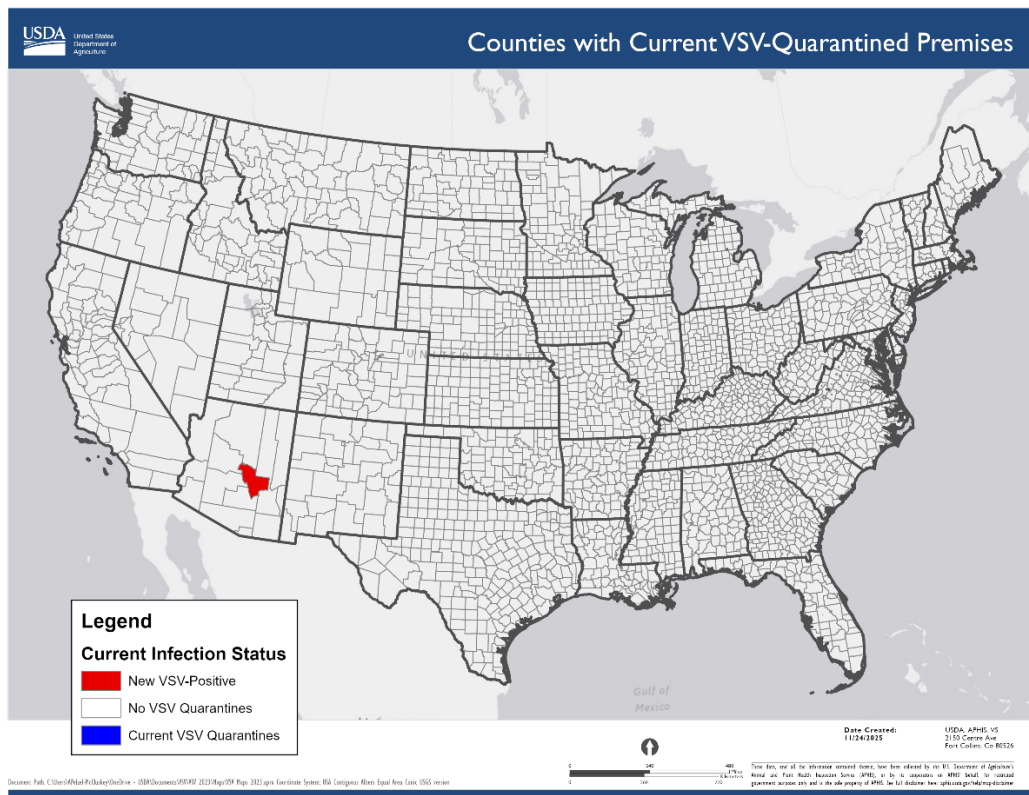
Table 1. Location, number, and status of VSV-affected premises. **New information in blue.**

ARIZONA	Confirmed Positive Premises	Presumptive Positive Premises	Premises Released from Quarantine	Current Premises Quarantined
Cochise County	2	0	2	0
Gila County	1	0	0	1
TOTAL: 2 COUNTIES	3	0	2	1

Table 2. Cumulative count of species clinically affected on VSV-quarantined premises. **New information in blue.**

State	Premises with clinically affected equine species	Premises with clinically affected bovine species	Premises with clinical signs in both equine and bovine species	Premises with clinical signs in other susceptible species	Total affected premises
ARIZONA	3	0	0	0	3
TOTAL	3	0	0	0	3

Map 1 (Current). Counties with Current VSV-Quarantined Premises



Map 2 (Cumulative). Counties with Premises Quarantined for VSV in 2025

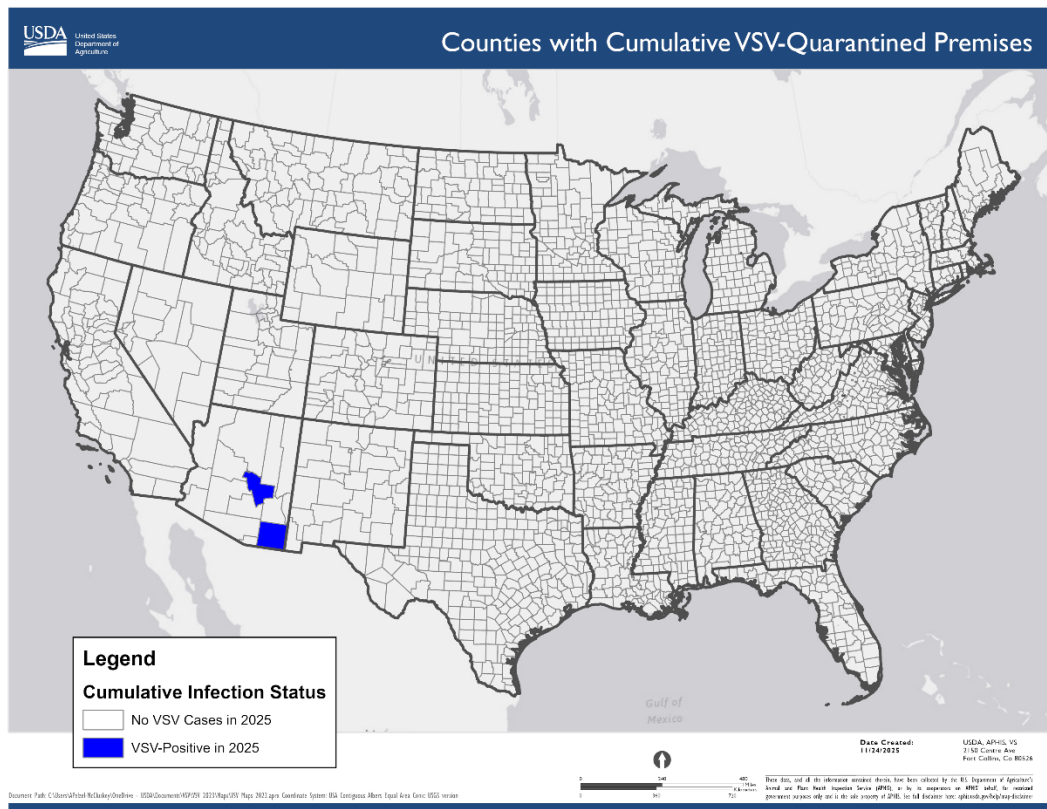


Table 3. Timeline of Events

Date	Event
October 31, 2025	VSV Index Cases for the U.S. confirmed at NVSL – Cochise County, Arizona
November 12, 2025	All affected premises released in Cochise County, Arizona
November 24, 2025	New affected county confirmed – Gila County, Arizona