

**Strategy and Policy (SP)
Ruminant Health Center
Bovine Tuberculosis and Brucellosis Surveillance Results
Monthly Reports, Federal Fiscal Year (FY) 2020**

TUBERCULOSIS

New Information

November 2019

- One Texas dairy herd successfully completed its test and remove herd plan.

Table 1. Bovine TB cases found through routine slaughter inspection, FY 2020.^a

| Laboratory Status | New TB Cases November 1 - 30, 2019 | | Cumulative TB Cases October 1, 2019 – November 30, 2109 | | |
|----------------------------------|---------------------------------------|--------------|--|--------------|-------|
| | Fed cattle | Adult cattle | Fed cattle | Adult cattle | Total |
| <i>M. bovis</i> cases, confirmed | 0 | 0 | 0 | 0 | 0 |

^a Animals detected only through routine Food Safety and Inspection Service (FSIS)/State-inspected slaughter. Animals sent to slaughter for diagnostic purposes on a 1-27 permit, “Permit for Movement of Restricted Animals” are not included.

^b Confirmed by *M. bovis* identification; or Histo compatible and PCR positive for *M. TB* complex.

October 2019

- Herd #73 in MI MAZ was released from quarantine mid October 2019, following completion of the test and remove program and implementation of the herd plan, including infrastructure improvements to mitigate wildlife risk.
- A New Mexico herd was released from quarantine following completion of their test and remove program. Their annual post quarantine release assurance test is scheduled for September 2020.

Table 2. Livestock herds confirmed infected with bovine TB and under quarantine. Includes test-and-remove managed herds under quarantine from previous years. Herds will be removed when the quarantine on the TB-affected premises has been released.

| Location | Date Detected | Method of Detection | Herd Type | Herd Management Plan |
|----------|---------------|---------------------|-----------|----------------------|
|----------|---------------|---------------------|-----------|----------------------|

| | | | | |
|------------|---------------|-------------------|-------------|-----------------|
| TX 19-3 | August 2019 | Slaughter Trace | Beef | Test-and-Remove |
| NM 19 | May 2019 | Slaughter Trace | Dairy | Test-and-Remove |
| MI-AFZ #76 | May 2019 | Epi Investigation | Beef | Test-and-Remove |
| MI-AFZ #75 | April 2019 | Area Surveillance | Beef | Depopulated |
| MI-MAZ #74 | April 2019 | Area Surveillance | Beef | Test-and-Remove |
| TX 19-2 | February 2019 | Epi Investigation | Calf Raiser | Test-and-Remove |
| TX 19-1 | February 2019 | Epi Investigation | Dairy | Test-and-Remove |
| WI 18 | October 2018 | Slaughter Trace | Dairy | Test-and Remove |
| MI-MAZ #66 | November 2016 | Area Testing | Beef | Test-and-Remove |
| TX 15 | June 2015 | Slaughter Trace | Dairy | Test-and-Remove |

BRUCELLOSIS

New Information

November 2019

- An affected Wyoming DSA (WY 20-1) beef herd was detected and placed under quarantine in November 2019. Two reactor heifers were found in a herd of approximately 480 head. Only one of the reactors was available for necropsy and it cultured negative for *B. abortus*. The herd was designated as affected based on serology and the epidemiological investigation. This herd has passed two whole herd tests with negative results. Next herd test will be a post calving test in late spring.
- Fall testing of the Montana DSA (MT 10) livestock herd started early November and was completed in December. Testing revealed 4 suspects. Next test is scheduled for fall 2020.

October 2019

- No update.

Table 1. Livestock herds confirmed with brucellosis and under quarantine. Includes test-and-remove managed herds under quarantine from previous years. Herds will be removed when the quarantine on the brucellosis-affected premises has been released.

| Location | Date Detected | Method of Detection | Herd Type^a | Herd Management Plan |
|-----------------|----------------------|----------------------------|------------------------------|-----------------------------|
| WY 20-1 | November 2019 | DSA Surveillance testing | Beef | Test-and-Remove |
| MT 10 | November 2010 | DSA Surveillance testing | Livestock | Test-and-Remove |