

**Surveillance, Preparedness and Response Services (SPRS)  
Cattle Health Center  
Bovine Tuberculosis and Brucellosis Surveillance Results  
Monthly Reports, Federal Fiscal Year (FY) 2019**

**TUBERCULOSIS**

**New Information – Bovine Tuberculosis (TB)**

**November 2018**

- One histo compatible case was identified during routine slaughter.
  - PCR (+) case in a cow. Official identification device did not match lesion tissue.

**October 2018**

- One TB-affected beef herd was identified in Michigan’s Modified Accredited Zone (MAZ) as a result of annual surveillance testing. This herd is approximately 260 head.
- A TB-affected dairy was identified in Wisconsin as a result of investigation of the September 2018 slaughter case. The herd is approximately 2,000 head.

**Table 1.** Bovine TB cases found through routine slaughter inspection, FY 2019.<sup>a</sup>

Laboratory Status	New TB Cases November 1 -30, 2018		Cumulative TB Cases October 1, 2018 – November 30, 2108		
	Fed cattle	Adult cattle	Fed cattle	Adult cattle	Total
<i>M. bovis</i> cases, confirmed	0	1	0	1	1

<sup>a</sup> 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.

<sup>b</sup> Confirmed by *M. bovis* identification; or Histo compatible and PCR positive for *M. TB* complex.

**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
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Wisconsin	October 2018	Slaughter Trace	Dairy	Pending
MI-MAZ	October 2018	Area Surveillance	Beef	Pending
Texas	June 2018	Area Surveillance	Dairy	Pending
South Dakota	November 2017	Slaughter Trace	Beef	Depopulated
New Mexico	June 2017	Epi Investigation	Dairy	Test-and-Remove
New Mexico	February 2017	Slaughter Trace	Dairy	Test-and-Remove
Indiana	December 2016	Area Surveillance	Beef	Depopulated
MI-MAZ	November 2016	Area Testing	Beef	Test-and-Remove
Texas	June 2015	Slaughter Trace	Dairy	Test-and-Remove

## **BRUCELLOSIS**

### **New Information**

#### **November 2018**

- Two Brucellosis affected beef herds were identified in Wyoming's DSA as a result of herd plan testing.
- A small beef herd of ~50 head voluntarily depopulated.
- A beef herd of ~ 700 head which was previously affected and was released from quarantine in June 2017.

#### **October 2018**

- One Brucellosis affected beef herd was identified in Wyoming's DSA as a result of herd plan testing. This herd is approximately 660 head.

**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.

<b>Location</b>	<b>Date Detected</b>	<b>Method of Detection</b>	<b>Herd Type<sup>a</sup></b>	<b>Herd Management Plan</b>
WY-DSA	November 2018	DSA Surveillance Testing	Beef	Depop
WY-DSA	November 2018	DSA Surveillance Testing	Beef	Teat-and-Remove
WY-DSA	October 2018	Herd Plan Testing	Beef	Test-and-remove
ID-DSA	November 2017	DSA Surveillance Testing	Beef	Test-and-remove
MT-DSA	November 2010	DSA Surveillance testing	Bison	Test-and-Remove

a. Current Montana state statute prevents public disclosure of herd type. Previous herd type identification is “grandfathered” in prior to this law.