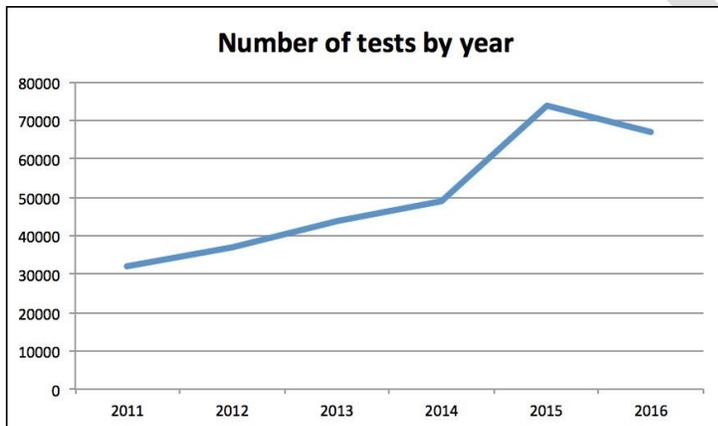


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MONTANA STATE REPORT FOR THE WYOMING BRUCELLOSIS
COORDINATION TEAM MEETING
November 2, 2016

AFFECTED HERD EPIDEMIOLOGIC INVESTIGATION: One domestic bison herd remains under quarantine since 2010 and continues annual entire herd testing. This herd is within Montana’s Designated Surveillance Area (DSA).

DSA COMPLIANCE EVALUATION: Our annual internal audit examines compliance with DSA regulations. Overall compliance is high. In FY16 over 90% of herds within the DSA were in compliance which is consistent with previous years’ findings. The evaluation included 337 active producers with cattle in the DSA and approximately 78,500 cattle. 78% of those cattle are from herds that tested ≥15% of the total herd size with an additional 13% from herds that were confirmed in compliance with testing requirements for movement and sale but with lower herd replacement rates (and therefore, sold fewer test eligible animals). The evaluation also includes DSA adult vaccination (AV) statistics. Over 6,000 adult vaccinations were administered in FY16. This accounts for an AV rate which remains well below the goal of 30%



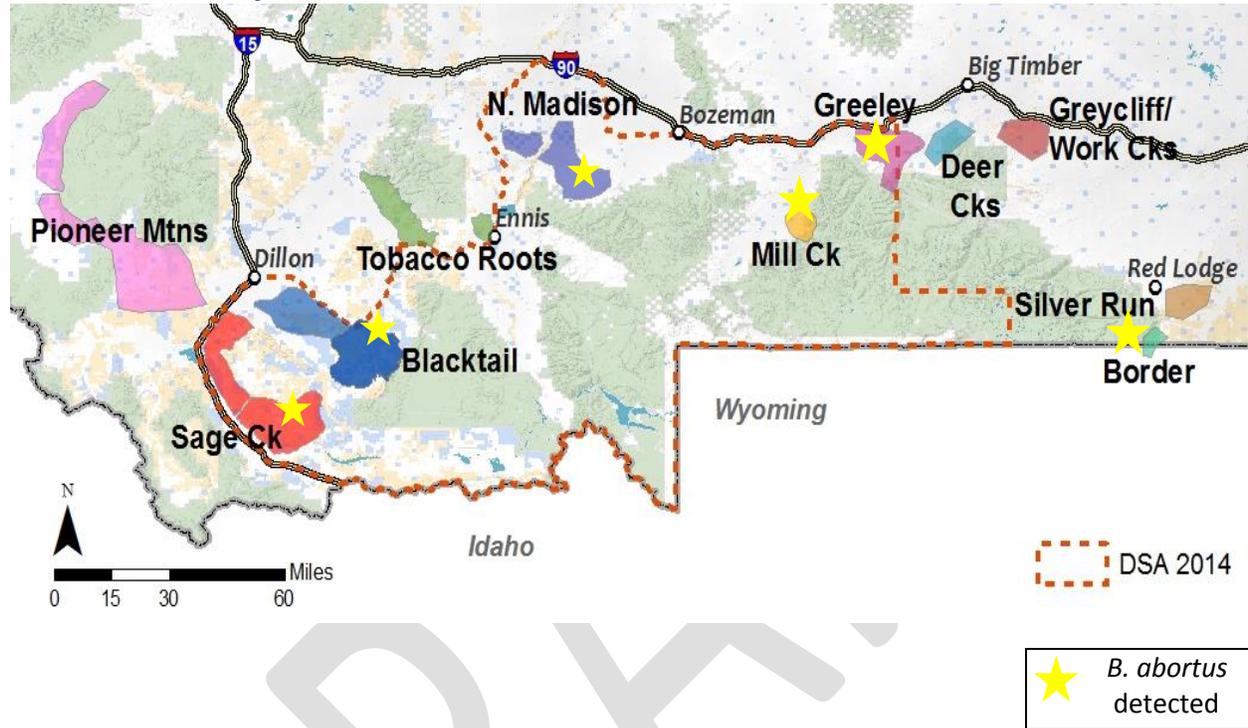
State FY	2011	2012	2013	2014	2015	2016
# of DSA tests	32000	37000	44000	49000	74000	67000

ENVIRONMENTAL ASSESSMENT FOR YELLOWSTONE BISON QUARANTINE: In January 2016, the National Park Service proposed to establish an operational quarantine for Yellowstone bison for conservation purposes. The environmental assessment (EA) proposed that the quarantine facility be either located near Yellowstone National Park (YNP), or at the Fort Peck Tribe near Wolf Point, Montana which is over 400 miles away from the YNP boundary. DOL supported the local quarantine alternative and objected to locating the quarantine in a remote location where the DOL lacks authority on the sovereign nation. DOL also expressed concern that the proposed quarantine at Fort Peck is not allowed by the 2003 Brucellosis USDA [Uniform Methods and Rules](#) (Section 6.D), and Montana Code Annotated (MCA [81-2-120](#) (1)(d)). Currently, 49 bison are being held in YNP and awaiting a decision.

ELK SURVEILLANCE: The live elk capture study has continued in 2016 with new captures near the Wyoming/Montana border and recaptures for testing of 27 collared elk. This project began in the winter

of 2011 to evaluate the prevalence and extent of brucellosis exposure in elk near Montana's DSA boundary and to document elk movement patterns. Since 2011, elk in eleven study areas have been sampled. This information has been used by DOL to determine the extent of potential livestock exposure to brucellosis and to effectively determine the location of the DSA boundary.

2011-2016 Study Areas



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