
WOLF DISEASE SUMMARY 2004-2014

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Canine distemper virus (CDV), canine parvovirus (CPV), canine adenovirus (CAV), canine herpesvirus (CHV), neosporosis, leptospirosis, *Brucella abortus* and *B. canis* are diseases that have wolf health or wildlife management implications. Blood serum samples from wolves captured and collared for management purposes between 2004-2014 were screened for these pathogens. Serologic tests for leptospirosis, *B. abortus*, and *B. canis* were completed by the Montana Department of Livestock Diagnostic Laboratory with the remaining tests performed by Cornell University Animal Health Diagnostic Center (Cornell University, AHDC). Samples were assigned as being collected in the Northwest or Southwest region of the state based on capture location and the region designation provided by Montana Fish, Wildlife and Parks wolf specialists. We evaluated and compared pathogen presence and prevalence within Northwest and Southwest Montana. Each disease and its potential implications in the Northwest and Southwest region is discussed.