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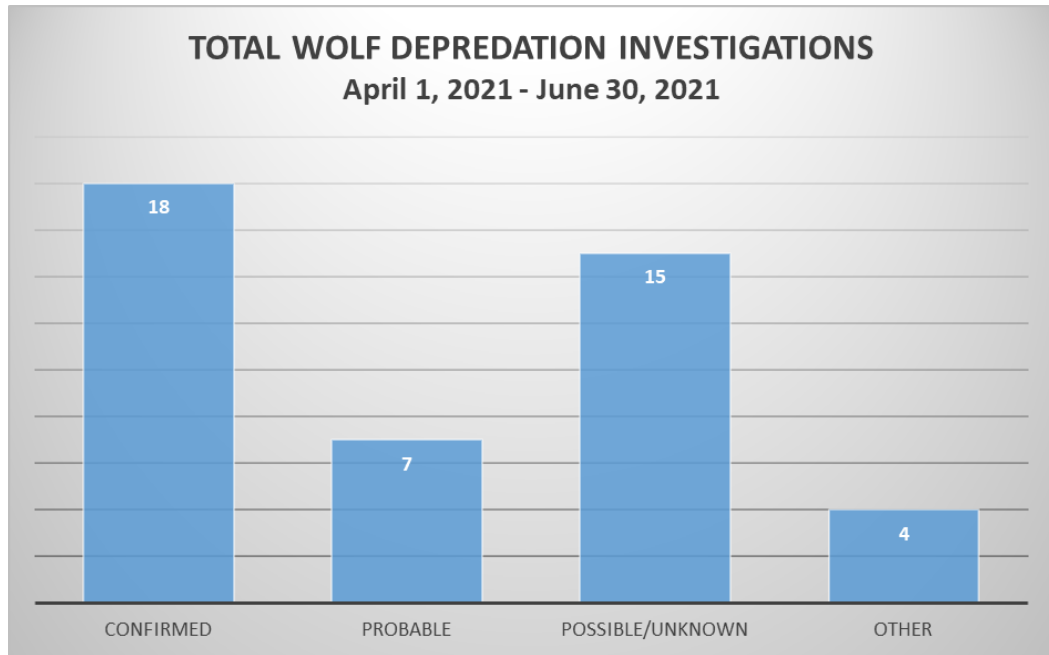
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## Wolf Depredation Investigations and Control Actions Idaho Wildlife Services (WS) April 1, 2021 – June 30, 2021

On Aug 7, 2014, the Idaho Wolf Depredation Control Board (Board) entered into a Cooperative Service Agreement (Agreement) with USDA-APHIS-WS to respond to, and investigate, wolf depredation complaints in Idaho and conduct wolf control actions as directed by the Idaho Department of Fish and Game (IDFG). The information listed below shows WS-Idaho’s activities the Board has funded from April 1, 2021 through June 30, 2021.

Investigations Summary: WS-Idaho conducted 44 depredation investigations related to wolf complaints, for 29 livestock producers in 14 counties (Adams, Blaine, Boise, Camas, Clearwater, Custer, Elmore, Gem, Idaho, Lemhi, Lewis, Nez Perce, Valley, and Washington) during this reporting period.

Of those 44 investigations, 18 (~41%) involved confirmed depredations, 7 (~16%) involved probable depredations, 15 (~34%) were possible/unknown wolf depredations, and 4 (~10%) of the complaints were determined to be causes other than wolves (Graph 1).



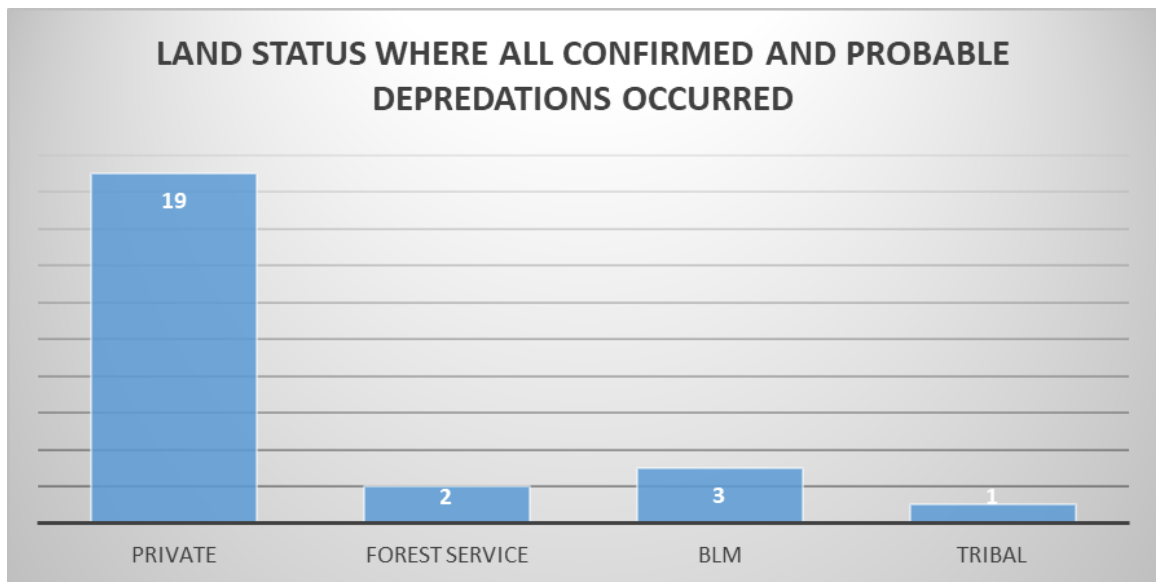
Graph 1. Total investigations responded to by WS-Idaho

During the same period in FY 2020, WS-Idaho conducted 31 wolf depredation investigations for Idaho livestock producers, of which 24 (~77%) were determined to be confirmed wolf depredations. These numbers indicate there were 13 more investigations, but 6 less confirmed investigations this quarter than during this same period last year.

Based on WS-Idaho’s investigations, the minimum number of confirmed and probable livestock depredations due to wolves during the reporting period is provided below (Table 1).

<b>Confirmed</b>	<b>Probable</b>
6 cows (killed) 1 cow (injured) 5 calves (killed) 4 calves (injured) 17 sheep (killed) 1 herding dog (killed)	9 cows (killed) 3 calves (killed) 2 sheep (killed)
Table 1. All confirmed and probable depredations	

As mentioned above, WS-Idaho responded to 44 potential wolf depredations between April 1, 2021 and June 30, 2021. Investigations that turned out to be either confirmed or probable depredations took place on four different land classes (Graph 2).



Graph 2. Land status where confirmed and probable depredations occurred

Wolf Depredations and Removals:

In response to confirmed wolf depredations on livestock in Game Management Units (GMU) 10A, 23, 24, 32, 33, 36A, 39, 44, 49, 50, and 58, the IDFG established, or extended, 43 control actions for WS-Idaho to conduct wolf control activities between April 1, 2021 and June 30, 2021.

During this time frame, WS-Idaho successfully removed 13 wolves for the protection of livestock. Wolves were removed in GMUs 23(5), 39(4), 49(1), and 58(3). Additionally, 2 wolves were radio collared – one in GMU 49 and 58. WS-Idaho did not remove any wolves for the protection of wild ungulates during this reporting period.

Aircraft:

WS-Idaho conducted 17 flights (13 fixed wing and 4 helicopter) totaling 30.8 hours flown. Thirteen fixed wing flights totaled 26.7 hours and two helicopter flights totaled 4.1 hours. During this quarter, 1 wolf was removed by the fixed wing.

Summary of employee hours worked:

For the period April 1, 2021 through June 30, 2021, 16 WS-Idaho employees performed wolf control actions in some degree for a total of 2560.5 hours worked. During this same time frame, 14 WS-Idaho employees spent time responding to depredation investigations, which totaled 182.5 hours. This equates to approximately 7% of total hours worked on wolf related activities this quarter. Additionally, all these depredation investigations were in response to livestock protection.