

From: [Grizzle, Betty](#)
To: [Bush, Jodi](#)
Subject: Fwd: Question re wolverine capture activities
Date: Tuesday, October 24, 2017 3:41:59 PM
Attachments: [image001.png](#)

Here is IDFG's answer to one of your questions.

For WY permit question: I spoke with Zack Walker with Wyoming Game and Fish today, and he indicated that there has been no reports of injuries or mortalities related to their scientific/research permits for wolverine studies (Heinemeyer's research). I asked him to send an email.

----- Forwarded message -----

From: **Evans Mack,Diane** <diane.evansmack@idfg.idaho.gov>
Date: Tue, Oct 24, 2017 at 2:28 PM
Subject: RE: Question re wolverine capture activities
To: "Grizzle, Betty" <betty_grizzle@fws.gov>
Cc: "Sallabanks,Rex" <rex.sallabanks@idfg.idaho.gov>, "Waterbury,Beth" <beth.waterbury@idfg.idaho.gov>

Hi Betty –

Here is a quick tally, but as usual, it's never as clear as one would hope.

According to the author of that section of the *Management Plan for the Conservation of Wolverines in Idaho*, page 27, the 2 mortalities were from 2 different studies: Copeland's work in central Idaho in the 1990s (1 mortality) and Inman's work in the Greater Yellowstone Ecosystem in the 2000s (1 mortality). In addition to these 2 studies, there also was Heinemeyer's winter recreation study (0 mortalities).

From what I can discern from reports, the breakdown of wolverine captures (not individual wolverines, but rather capture events) per study is as follows:

Copeland: 43 wolverine captures (1 mortality)

Heinemeyer et al: 134 captures (0 mortalities)

Inman: 96 captures (1 mortality)

Copeland and Heinemeyer's studies were essentially within Idaho. This represents 177 captures and 1 mortality.

Inman's study, on the other hand, had very few traps within Idaho and mostly in MT and WY. You would have to contact him directly if you wanted to parse out the number of wolverine captures in

Idaho only.

In case my math is wrong or I missed something in these reports, please take these as approximate numbers.

Hope that helps.

Diane

From: Grizzle, Betty [mailto:betty_grizzle@fws.gov]
Sent: Tuesday, October 24, 2017 2:46 PM
To: Evans Mack,Diane
Subject: Re: Question re wolverine capture activities

Thanks, Diane. I appreciate your efforts.

On Tue, Oct 24, 2017 at 1:42 PM, Evans Mack,Diane <diane.evansmack@idfg.idaho.gov> wrote:

Hi Betty –

Ok, looks like we're going to have to mine reports from 3 different studies to come up with a number for you. If I have all the relevant reports in hand, shouldn't be too hard. I'll work on it this afternoon.

Diane Evans Mack
Regional Wildlife Diversity Biologist

Idaho Department of Fish and Game

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diane.evansmack@idfg.idaho.gov



From: Grizzle, Betty [mailto:betty_grizzle@fws.gov]
Sent: Monday, October 23, 2017 12:40 PM
To: Evans Mack,Diane
Subject: Question re wolverine capture activities

Hi Diane - In the 2014 *Management Plan for the Conservation of Wolverines in Idaho*, on page 27, under the discussion of permits, it says at the end of that section "Two wolverine deaths have been documented as a result of live capture activities in Idaho over the past 20 years." Do you know (approximately) the number of captures that this includes over this time period? I know that might be very difficult to determine, but appreciate any estimate you might be able to provide.

Thanks for your time,

Betty

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Betty J. Grizzle, D.Env.

Fish and Wildlife Biologist

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