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**Subject: Re: Mountain Lion Mortality Data**  
**From: "Apker - DNR, Jerry" <jerry.apker@state.co.us>**  
**Date: Wed, Mar 30, 2016 3:33 pm**  
**To: volunteer@mountainlion.org**  
**Attach: ColoPumaMort\_1980-2015.xlsx**

Elizabeth,

Most of the information you are seeking is posted on CPW web pages. Hunter harvest mortality can be found at: <http://cpw.state.co.us/thingstodo/Pages/LionStatistics.aspx>

We do not estimate lion abundance on a statewide basis. Lion abundance is notoriously difficult to quantify. Population trajectory can be coarsely assessed by examining harvest and other mortality age and gender composition indexes. However, if you wish to sum the calculations that are contained in our individual lion management unit plans (aka Data Analysis Unit {DAU} Plans), these can be found at: <http://cpw.state.co.us/thingstodo/Pages/PopulationManagementPlans.aspx>

I have attached a copy of a spreadsheet which displays all forms of mortality on an annual basis. The data in this spreadsheet is considered draft because I sum it before all the numbers are completely finalized in the statewide database. I have to do that in order to have preliminary analysis done prior to our regulation cycle. Long explanation for why the totals on harvest might not match perfectly with those that are posted on the web. It is usually only off by a handful but people often ask why the numbers don't match perfectly - so I thought I'd offer you the explanation up front.

Best wishes,

Jerry

On Wed, Mar 30, 2016 at 11:12 AM, <[volunteer@mountainlion.org](mailto:volunteer@mountainlion.org)> wrote:

Dear Jerry Apker,

I'm an intern with the Mountain Lion Foundation and we are collecting data regarding mountain lion population and mortality in the state of Colorado. I would like to avoid a formal records request and I'm hoping you have access to CPW's lion records database and can compile a spreadsheet for me.

I would like to request the following information, sorted by year, dating back from 2015 to as far as your records go:

- Number of Lion Deaths Broken Down By Cause (hunting, road kill, depredation, public safety, ungulate protection, illegal, incidental, and any killed by Federal Wildlife Services.)
- Lion Population Estimate (current number or range, and whether this is all lions or just adults)
- Any other information that you feel would assist us in understanding the mountain lion population dynamics in Colorado.

Electronic files or links are preferred. I can mail a thumb-drive to you if the file is too large to email.

Thank you in advance for your time and assistance.

Best,

Elizabeth Perkins

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**Jerry A. Apker**  
**Wildlife Manager**  
Carnivore Mgmt, Furbearer Mgmt, and Ranching for Wildlife



**COLORADO**  
**Parks and Wildlife**

Department of Natural Resources

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