

Naseem Alston - NOAA Federal

From: Naseem Alston - NOAA Federal
Sent: Sunday, May 26, 2019 12:44 PM
To: Amanda Cranford; Brian Ellrott
Subject: Re: data file?

this was the whole referenced paragraph fyi

CDFW performs angler surveys on Central Valley streams, and data from these surveys are used to estimate steelhead harvest and fishing effort. However, these estimates do not appear to be regularly reported. Available data on angler retention of hatchery-origin steelhead suggest an increase in retention since the 2010-2011 regulatory cycle (CDFW 2015^[BE1] ^[NH2]). Mean retention from 2007-2008 through 2009-2010 was 13.1 percent, while mean retention from 2010-2011 through 2015-2016 was 20.4 percent. These means do not differ significantly. However, (2-tailed t-test: $t = -1.82$, $p = 0.11$; no significant departure from normality in sample data; variances not significantly different). This analysis may possibly be improved by using expanded catch and retention data for each regulatory year (National Marine Fisheries Service 2016c). Steelhead are rarely caught in ocean fisheries and retention of steelhead in non-treaty commercial ocean fisheries is currently prohibited.

^[BE1]Trends in Central Valley Steelhead Harvest (Unpublished Data). Memorandum from Rob Titus (CDFW) to Amanda Cranford (NMFS).

^[NH2]Reference needed

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On Sun, May 26, 2019 at 12:39 PM Naseem Alston - NOAA Federal <naseem.alston@noaa.gov> wrote:

Hi,

do one of you have this citation or know if it is already in endnote? Norma couldn't find it:

Trends in Central Valley Steelhead Harvest (Unpublished Data). Memorandum from Rob Titus (CDFW) to Amanda Cranford (NMFS).

cited as CDFW 2015

we need the actual memo or file

thanks

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