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**From:** Barbara Byrne - NOAA Federal <barbara.byrne@noaa.gov>  
**Sent:** Sunday, May 5, 2019 7:33 PM  
**To:** Cathy Marcinkevage - NOAA Federal  
**Cc:** J. Stuart  
**Subject:** Re: salvage density data for steelhead

Do either of you know if the salvage density modeling for steelhead is based on wild steelhead salvage? Or hatchery + wild? Significant for our "pop level" context and the blurb from CWF just seems to describe modeling for winter-run...

On Fri, May 3, 2019 at 2:08 PM Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)> wrote:

Without looking hard, does this help?

[https://drive.google.com/open?id=1UGtWInMLfn9pUhPDYq7WV4FJd\\_r-BoW5](https://drive.google.com/open?id=1UGtWInMLfn9pUhPDYq7WV4FJd_r-BoW5)

On Fri, May 3, 2019 at 1:20 PM Barbara Byrne - NOAA Federal <[barbara.byrne@noaa.gov](mailto:barbara.byrne@noaa.gov)> wrote:

Is there somewhere in the ROC BA or CWF BA or BiOp that provides documentatoin on how these modeled salvage numbers are generated, with (for WR) or without (for all others) normalization?

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