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**From:** Evan Sawyer - NOAA Federal <evan.sawyer@noaa.gov>  
**Sent:** Wednesday, June 12, 2019 9:49 AM  
**To:** Brian Ellrott - NOAA Federal  
**Cc:** Cathy Marcinkevage - NOAA Federal  
**Subject:** Re: ROC LTO: tier 1 frequency

Lucky you,

We've been reading the Animal Ark books where we've learned that all of life's problems can be solved with a new pet... and friendship?

Anyway, 'Yes', we're still including the historic frequency of achieving the tiers. We're presenting the frequency as risk that includes the range from historic likelihood to the modeled likelihood. So for Tier 1 it's 45% (historic) - 68% (modeled).

Evan

On Wed, Jun 12, 2019 at 9:40 AM Brian Ellrott - NOAA Federal <[brian.ellrott@noaa.gov](mailto:brian.ellrott@noaa.gov)> wrote:  
Hola amigos (reading a lot of Dora books with Everett lately). Can one of you confirm or let me know the correct range below that Maria (MCR) commented on? It is the frequency of exposure for tier 1 from the I&S summary table.

Medium (45 - [\[MCR1\]](#) 68% of years)

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[\[MCR1\]](#) Are we still using 45 % in the effects section? Be careful to track effects section because 45% is historical and they are saying they can make significant improvement

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