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**From:** Hilts, Derek <derek\_hilts@fws.gov>  
**Sent:** Wednesday, March 6, 2019 2:22 PM  
**To:** Brian Ellrott - NOAA Federal  
**Cc:** Cathy Marcinkevage - NOAA Federal  
**Subject:** Re: [EXTERNAL] Historic Exports

Hey Brian,  
I don't know if you intentionally said "unimpaired Delta inflow", but I will assume you did. See Appendix B's Table B-28 of the attached report.

Unimpaired flow estimates have a gigantic number of caveats that come with them. The attached report has a ton of information that might be of interest to you.  
Derek

Derek Hilts M.S., P.E.  
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Work desk phone 916.930.5633

On Wed, Mar 6, 2019 at 1:51 PM Brian Ellrott - NOAA Federal <[brian.ellrott@noaa.gov](mailto:brian.ellrott@noaa.gov)> wrote:

Hi Derek,  
Some day this project will push you out the door, but I'm really glad it hasn't happened yet. Thanks for the export data!

Any chance you would have data or a figure on the percentage of CVP/SWP Delta exports relative to total unimpaired Delta inflow over that same or a similar historic time period? As in what's the percent taken out each year.

Thanks,  
Brian

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

**From:** Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)>  
**Date:** Fri, Mar 1, 2019 at 4:14 PM  
**Subject:** Fwd: [EXTERNAL] Historic Exports  
**To:** Brian Ellrott <[brian.ellrott@noaa.gov](mailto:brian.ellrott@noaa.gov)>

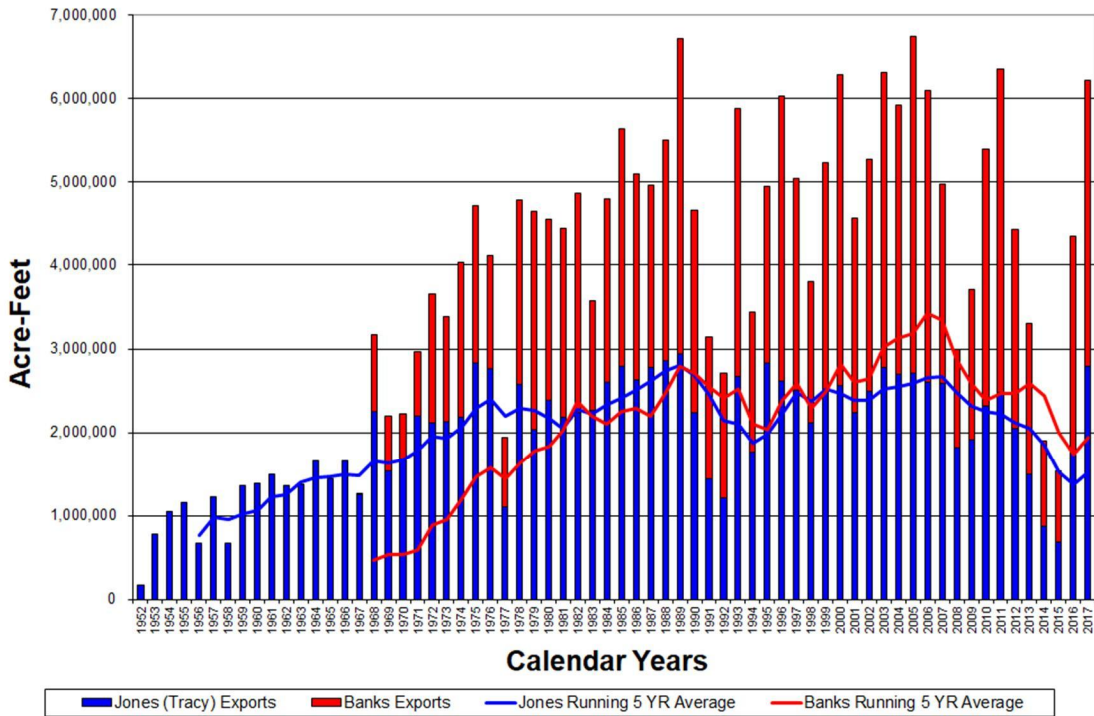
Try this? Want it to go longer?

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

**From:** Hilts, Derek <[derek\\_hilts@fws.gov](mailto:derek_hilts@fws.gov)>  
**Date:** Fri, Mar 1, 2019 at 4:04 PM  
**Subject:** Re: [EXTERNAL] Historic Exports  
**To:** Cathy Marcinkevage - NOAA Federal <[cathy.marcinkevage@noaa.gov](mailto:cathy.marcinkevage@noaa.gov)>

Cathy,  
 I have this chart, but it only goes through Dec 2017. I can update it for 2018 numbers on Monday if you want.  
 Derek

### Annual Historical Delta Export Pumping Volumes



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