



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
NATIONAL MARINE FISHERIES SERVICE  
Northwest Fisheries Science Center  
2725 Montlake Boulevard East  
Seattle, WA 98112-2097

July 8, 2022

Isaac Kaplan  
Northwest Fisheries Science Program

Dear Dr. Kaplan,

The NWFSC Fisheries Observation Science Program has filled your data request. As requested, we are providing retained and discarded catch per species, stratified by sector, gear, year, and IOPAC area from 2011-2021. For sectors with partial observer coverage (e.g. non-catch shares sectors) we include discard estimates based on observed bycatch ratios and total fleet-wide landings. Please note that these ratio estimates can be biased and have high uncertainty when observer coverage and/or encounter rates are low.

The requestor acknowledges the following:

- Prior to releasing or publishing the data or results based on the data, the requestor will provide the Program(s) (listed above) with a draft of the document to review.
- When the Ending Date of data access is reached (07/2023), the requestor shall delete or destroy any confidential information that has been provided as part of this request, and notify the Program (listed above) to this effect.
- All data obtained through this request is for his/her exclusive use.
- The data requestor and all collaborators must sign a FRAM Division Statement of Non-Disclosure before delivering confidential data to the requestor.
- Any confidential data used in publications, seminars or other public forums, must be aggregated or summarized before public release to maintain confidentiality. In general, aggregating or summarizing a minimum of three independent observations (they cannot be the same person, entity, or businesses) can meet public disclosure standards. However, in some cases, more than three observations may be required to preserve the confidentiality of the data. For example, when one observation is so large relative to the others that aggregating or summarizing them fails to effectively conceal the value of the largest observation. Furthermore, no data aggregations or summaries can be released that, when combined with previously published information, results in the release of confidential information. Questions related to this should be directed to the appropriate program.

If you have any questions, need further clarification of the information provided, or if this does not meet your needs, please do not hesitate to contact Kate Richerson at [kate.e.richerson@noaa.gov](mailto:kate.e.richerson@noaa.gov) or 541-275-1649.

Sincerely,

Mr. Jon McVeigh  
Program Manager  
NWFSC Observer Program

<https://www.fisheries.noaa.gov/west-coast/science-data/fisheries-observation-science-west-coast>

