

Estimation of Bycatch with Bony Fish, Sharks, and Rays in the 2025 Hawai‘i Permitted Shallow-set Longline Fishery

Brett Cooper¹, Robert Ahrens², Jenny Suter²

¹ Pacific States Marine Fisheries Commission
205 SE Spokane Street
Suite 100
Portland, Oregon 97202

² Pacific Islands Fisheries Science Center
National Marine Fisheries Service
National Oceanic and Atmospheric Administration
1845 Wasp Boulevard, Building #176
Honolulu, Hawai‘i 96818

NOAA Data Report DR-26-18

September 2026



U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Pacific Islands Fisheries Science Center

Acknowledgements

Mention throughout this document to trade names or commercial companies is for identification purposes only and does not imply endorsement by the National Marine Fisheries Service, NOAA.

Edited by Revere Wood.

Recommended citation

Cooper, B., Ahrens, R., Suter, J. (2026). *Estimation of bycatch with bony fish, sharks, and rays in the 2025 Hawai'i permitted shallow-set longline fishery* (Data Report Series, DR-26-18). Pacific Islands Fisheries Science Center.

Copies of this report are available from

Pacific Islands Fisheries Science Center
National Marine Fisheries Service
National Oceanic and Atmospheric Administration
1845 Wasp Boulevard, Building #176
Honolulu, Hawai'i 96818

Or online at

<https://repository.library.noaa.gov/>



Data Summary

The supplemental Excel Workbook (pir.hi.ssl.fish.2025.xlsx) includes annual observed bycatch for 2025. The workbook includes a worksheet labeled “key” that provides definitions of the column headings and the items being estimated. The observed numbers were derived using the Longline Observer Data System (Pacific Islands Regional Office, 2026). In 2025, 100% of shallow-set trips had an observer deployed on them and the recorded observed bycatch numbers are the estimated bycatch for the fishery. On very rare occasions, the entire haul back was not observed; consequently, there may be a small amount of measurement error in some of the estimates.

Literature Cited

Pacific Islands Regional Office. (2026): *Longline Observer Data System* [dataset]. <https://www.fisheries.noaa.gov/inport/item/9027>.