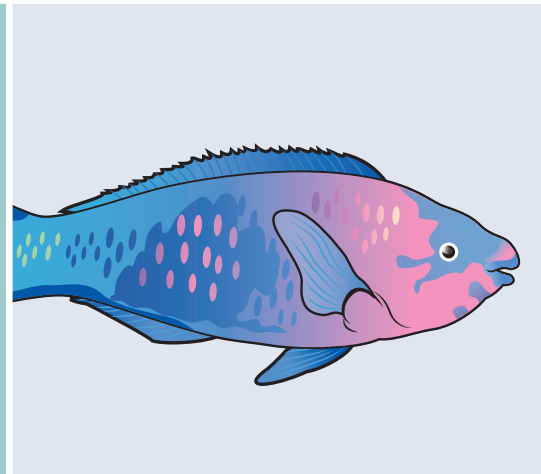
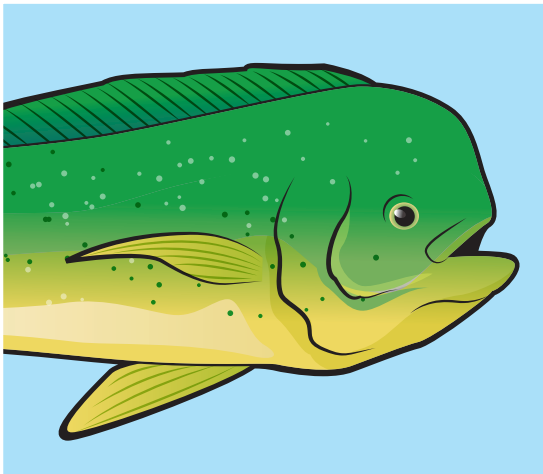


NOAA
FISHERIES



Hawaii Small Boat Survey 202X



Questions? Contact us at
1-844-234-7444 (toll-free) or
pifsc.socioeconomics@noaa.gov
Pacific Islands Fisheries Science Center

Hello, please help us (NOAA) to better understand the importance of small boat fishing in Hawaii. We want to best represent Hawaii fishermen and we can only do that by hearing from as many fishermen as possible. Your details of fishing experiences and expenditures are important to ensure accurate results. While your response is voluntary, we hope that you will help us with this research.

We appreciate the confidential nature of the data being collected by this survey. NOAA's Pacific Islands Fisheries Science Center (PIFSC) will handle individual survey data as confidential business information and a form of protected personal information and will maintain the confidentiality of the information consistent with legal authorities available to it, including but not limited to the Privacy Act (5 U.S.C. Section 552a) and the Trade Secrets Act (18 U.S.C. Section 1905). The PIFSC will protect individual survey data from public disclosure to the extent permitted by law and it has instituted procedures to provide that protection.

SECTION A. YOUR FISHING EXPERIENCES

Different fishermen in Hawaii had different fishing experiences over 202X-1. Please tell us about yours.

1. What type of fishing trips did you take in 202X-1?

- I went fishing using a boat only _____ → Go to Q2
- I went fishing sometimes using a boat and sometimes not using a boat _____ → Go to Q2
- I went fishing not using a boat _____ → Go to Q5

2. Approximately how many **BOAT** fishing trips did you take in 202X-1? _____ trips (If not sure, please provide an answer below):

- Fewer than 12 trips (once every month or less)
- 12 – 24 trips (once every other week)
- 25 – 49 trips (once a week)
- 50 – 99 trips (once or twice a week)
- 100 – 200 trips (two or three times a week) or more

7. If you went spearfishing in 202X-1, what percent of the time did you use scuba gear and what percent of the time did you free dive?

	None (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)
Fishing trips with scuba gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fishing trips with free dive	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. In 202X-1, what percent of your fishing time occurred in state and federal jurisdiction?

	None (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)
State waters (0-3nm)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Federal waters (greater than 3nm)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

9. How many people in total, including yourself, were on board for an average BOAT fishing trip? _____ people

10. In 202X-1, approximately how many total pounds of **pelagic fish** (tuna, marlin, mahimahi, ono, etc., excluding akule and opelu) did you catch?

- | | |
|--|--|
| <input type="checkbox"/> None | <input type="checkbox"/> 101 – 500 pounds |
| <input type="checkbox"/> 1 – 50 pounds | <input type="checkbox"/> 501 – 1000 pounds |
| <input type="checkbox"/> 51 – 100 pounds | <input type="checkbox"/> More than 1000 pounds —> About how much? _____ pounds |

11. In 202X-1, approximately how many total pounds of **deep 7 bottomfish** (opakapaka, onaga, ehu, etc.) did you catch?

- | | |
|--|--|
| <input type="checkbox"/> None | <input type="checkbox"/> 101 – 500 pounds |
| <input type="checkbox"/> 1 – 50 pounds | <input type="checkbox"/> 501 – 1000 pounds |
| <input type="checkbox"/> 51 – 100 pounds | <input type="checkbox"/> More than 1000 pounds —> About how much? _____ pounds |

12. In 202X-1, approximately how many total pounds of **shallow bottomfish** (uku, ulua, etc.) did you catch?

- | | |
|--|--|
| <input type="checkbox"/> None | <input type="checkbox"/> 101 – 500 pounds |
| <input type="checkbox"/> 1 – 50 pounds | <input type="checkbox"/> 501 – 1000 pounds |
| <input type="checkbox"/> 51 – 100 pounds | <input type="checkbox"/> More than 1000 pounds —> About how much? _____ pounds |

13. In 202X-1, approximately how many total pounds of **nearshore and reef fish** (manini, uhu, weke ula, etc., including akule and opelu) did you catch?

- | | |
|--|--|
| <input type="checkbox"/> None | <input type="checkbox"/> 101 – 500 pounds |
| <input type="checkbox"/> 1 – 50 pounds | <input type="checkbox"/> 501 – 1000 pounds |
| <input type="checkbox"/> 51 – 100 pounds | <input type="checkbox"/> More than 1000 pounds —> About how much? _____ pounds |

14. In 202X-1, during what percent of your fishing trips did you fish at/visit Fish Aggregating Devices (FADs):

None (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14a. In 202X-1, during the trips when you visited a Fish Aggregating Devices (FADs), please estimate the percentage of your total fishing time that you fished at/around FADs:

None (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION B. MARKET PARTICIPATION

15. What was your motivation for fishing in 202X-1? (If you had multiple motivations, put 1 as first, 2 as second, and 3 as third)

- Purely Recreational** (I fished only for sport or pleasure)
- Recreational Expense** (I fished primarily for sport or pleasure, but I also sold a few fish to cover trip expenses)
- Subsistence** (I fished primarily to catch fish to feed myself/my family/my community)
- Cultural** (I enjoyed fishing, but I was even more concerned about keeping traditional practices alive, such as using traditional fishing gear)
- Part-time Commercial** (Fishing paid some of my bills, but I still have to work at another job)
- Full-time Commercial** (Fishing brought in most or all of the money I made in 202X-1)
- Other, please specify:** _____

16. In 202X-1, how was the catch/revenue distributed among fishermen in a fishing trip?

- I kept all the fish I caught (for sale/given away/self-consumption)
- I kept/received _____ % of total fish caught
- I kept/received _____ % of trip revenue
- Don't know/different every time
- Other, please describe: _____

17. In 202X-1, what percent of your catch did you use in each of the following ways?

	None (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)
Consumed at home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Given away	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Caught and released	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sold	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

18. In 202X-1, did you ever sell any of the fish you caught?

- Yes → Q19
 No → Q23

If you did not sell any of your fish in 202X-1, please skip to Question 23.

19. In 202X-1, where did you sell your fish? (Please check all that apply)

	None (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)
Seafood dealer/wholesaler	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Auction (United Fishing Agency)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Restaurants/stores	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roadside/farmers' market	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Friends/neighbors/coworkers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, please specify	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

20. In 202X-1, what was the approximate value of all the fish you sold?

- | | | |
|--|---|--|
| <input type="checkbox"/> \$1 - \$100 | <input type="checkbox"/> \$1,001 - \$2,000 | <input type="checkbox"/> \$10,001 - \$20,000 |
| <input type="checkbox"/> \$101 - \$500 | <input type="checkbox"/> \$2,001 - \$5,000 | <input type="checkbox"/> \$20,001 - \$50,000 |
| <input type="checkbox"/> \$501 - \$1,000 | <input type="checkbox"/> \$5,001 - \$10,000 | <input type="checkbox"/> More than \$50,000, specify |
- \$ _____

25. What was the length of your boat? _____ feet
26. What was the total horsepower? _____ hp
27. In what year was that boat built? _____
28. In what year did you purchase the boat you fished on in 202X-1? _____
(If homebuilt– when did you complete it?)
29. How much did you pay to purchase that boat? \$ _____
(If homebuilt – how much did it cost to build it?)
30. In 202X-1, what was the current market value of the **electronics** you used to fish? \$ _____
31. In 202X-1, what was the current market value of the **gear** you used to fish (not including electronics)? \$ _____
- If you owned the boat that you fished on:*
32. In 202X-1, what was the current market value of that boat? \$ _____
(Considering age and current condition and including motor(s) and trailer, but not including electronics or gear mentioned above)
- If you owned the boat that you fished on:*
33. Please enter the most recent year in which you made any major improvements to that boat _____

SECTION D. YOUR FISHING TRIP COSTS

*We now want to understand your per trip costs for fishing.
Please remember that all your answers are strictly confidential.*

34. In 202X-1, what was the primary gear used for your most common type of fishing trip with a **BOAT**? (Please check one)
- | | |
|--|---|
| <input type="checkbox"/> Trolling | <input type="checkbox"/> Handline/rod and reel for shallow bottomfish (uku, ulua, etc.) |
| <input type="checkbox"/> Dead bait/live bait for pelagic species | <input type="checkbox"/> Spearfishing |
| <input type="checkbox"/> Handline for deep 7 bottomfish | <input type="checkbox"/> Other gear (net, etc.), specify _____ |

- 34a. On average per trip, how much money did you spend on your most common (question 34) type of fishing trip with a **BOAT**?

<u>Type of Expenditure</u>	<u>Trip Expenditure</u>	<u>Amount</u>
Boat fuel (average for a trip)	\$ _____	_____ gallons
Truck fuel (round-trip)	\$ _____	_____ gallons
Oil (average for a trip)	\$ _____	
Ice	\$ _____	_____ lbs
Bait	\$ _____	_____ case(s)
Food and beverage	\$ _____	
Daily maintenance and repair	\$ _____	
Gear lost	\$ _____	
Other, please specify: _____	\$ _____	

**34b. How were the trip costs distributed for your most common (question 34) type of fishing trip with a BOAT?
(Please check one)**

- I paid all trip costs
- I paid a fixed amount of \$ _____
- I paid ____% of the total trip costs
- Other, please describe: _____

35. In 2020X-1 what was your second most common gear used for fishing trip with a BOAT? (Please check one)

- Trolling
- Handline/rod and reel for shallow bottomfish (uku, ulua, etc.)
- Dead bait/live bait for pelagic species
- Spearfishing
- Handline for deep 7 bottomfish
- Other gear (net, etc.), specify _____

35a. On average per trip, how much money did you spend on your second most common (question 35) type of fishing trip with a BOAT?

<u>Type of Expenditure</u>	<u>Trip Expenditure</u>	<u>Amount</u>
Boat fuel (average for a trip)	\$ _____	_____ gallons
Truck fuel (round-trip)	\$ _____	_____ gallons
Oil (average for a trip)	\$ _____	
Ice	\$ _____	_____ lbs
Bait	\$ _____	_____ case(s)
Food and beverage	\$ _____	
Daily maintenance and repair	\$ _____	
Gear lost	\$ _____	
Other, please specify: _____	\$ _____	

**35b. How were the trip costs distributed for your second most common (question 35) type of fishing trip with a BOAT?
(Please check one)**

- I paid all trip costs
- I paid a fixed amount of \$ _____
- I paid ____% of the total trip costs
- Other, please describe: _____

SECTION E. 202X-1 FISHING EXPENDITURES (for boat owner only)

In an effort to better understand your economic contribution to the State of Hawaii's economy, we would like to ask about your fishing-related expenditures in 202X-1. In the table below please indicate how much, if any, was spent on the following items during 2020X-1

Enter "0" if you did not have any expenses in a category. Please do not leave blank.
Remember that all your answers are strictly confidential.

36.

<u>Cost Category</u>	<u>202X-1 Expenditure</u> <u>(dollars)</u>		
Boat insurance	\$ _____	<input type="checkbox"/> per month	<input type="checkbox"/> per year
Loan payments	\$ _____	<input type="checkbox"/> per month	<input type="checkbox"/> per year
Mooring fees	\$ _____	<input type="checkbox"/> per month	<input type="checkbox"/> per year
Gear replacement/repair from wear and tear (lines, lures, gaffs, rods, electric/hydraulic reels, spears, wetsuits, coolers, safety equipment, etc.) The cost of lost gear was reported above as a trip cost.	\$ _____		
Annual boat and trailer repair, maintenance, and improvements (exclude daily expenses)	\$ _____		
Fees (CML, non-commercial permit ramp, registration for truck and trailer, safety, dry dock fees, etc.)	\$ _____		
Financial services	\$ _____		
Other, please specify: _____	\$ _____		

SECTION F. ABOUT YOU

*Different people had different fishing experiences and different motivations for fishing.
The following questions help us to better understand these differences.*

37. What is your gender?

- Male
 Female

38. What is your age?

- | | |
|---|---|
| <input type="checkbox"/> Less than 25 years | <input type="checkbox"/> 45 to 54 years |
| <input type="checkbox"/> 25 to 34 years | <input type="checkbox"/> 55 to 64 years |
| <input type="checkbox"/> 35 to 44 years | <input type="checkbox"/> More than 64 years |

39. What is the zip code where you live? _____

40. Are you Hispanic or Latino?

- Yes, Hispanic or Latino
 No, not Hispanic or Latino

41. How would you describe your race? (Please check all that apply)

- | | |
|---|---|
| <input type="checkbox"/> American Indian or Alaska Native | <input type="checkbox"/> Native Hawaiian |
| <input type="checkbox"/> Asian | <input type="checkbox"/> Other Pacific Islander (specify) _____ |
| <input type="checkbox"/> Black or African American | <input type="checkbox"/> White |

42. What is the highest level of education you have completed?

- | | |
|---|---|
| <input type="checkbox"/> Less than 9 th grade | <input type="checkbox"/> Associates degree or technical school |
| <input type="checkbox"/> Some high school (no diploma) | <input type="checkbox"/> College graduate (bachelor degree) |
| <input type="checkbox"/> High school graduate (including GED) | <input type="checkbox"/> Advanced, professional, or doctoral degree |
| <input type="checkbox"/> Some college (no degree) | |

43. What was your total household income, before taxes, in 202X-1, including fishing income?

- | | |
|---|---|
| <input type="checkbox"/> Less than \$10,000 | <input type="checkbox"/> \$50,000 to \$99,999 |
| <input type="checkbox"/> \$10,000 to \$24,999 | <input type="checkbox"/> \$100,000 to \$249,999 |
| <input type="checkbox"/> \$25,000 to \$49,999 | <input type="checkbox"/> \$250,000 or more |

SECTION G. WHAT DO YOU THINK?

44. Given your experience, do you think in the next year more people will be doing each of the following types of fishing?
 (Please check one for each type of fishing)

<u>Pelagic Fishing</u>	<u>Deep 7 Bottomfish Fishing</u>	<u>Shallow Bottomfish Fishing</u>	<u>Nearshore and Reef Fishing</u>
<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes	<input type="checkbox"/> Yes
<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No

45. Why do you feel this way? _____

46. What were the top three (3) species you targeted for each of the following uses in 202X-1?

	1	2	3
To sell?			
To keep for self-consumption?			
To give away?			

47. Please state how much you agree or disagree with the following statements:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
As someone who fishes I am respected by the community	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fishing is an important part of who I am	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fishing is an important part of my culture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

48. How important is each of the following for managing fisheries in Hawaii?

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Rules are followed and enforced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My voice is included in decision making	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Managers know how many fish there are	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Managers know how healthy the reef / other habitats are	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Managers know about the fishermen and fishing community (income, culture, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local agencies build or maintain fisheries infrastructure (boat ramps, harbors, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, please specify: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

49. Please state how much you agree or disagree with each of following statements:

	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
Rules are followed and enforced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
My voice is included in decision making	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Managers know how many fish there are	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Managers know how healthy the reef / other habitats are	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Managers know about the fishermen and fishing community (income, culture, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Local agencies build or maintain fisheries infrastructure (boat ramps, harbors, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, please specify: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

50. Do you have any suggestions for how Hawaii's fisheries should be managed or topics that you feel need further study?

51. Did you substantially change your fishing activities in 202X?

- Yes
 No

If YES in Q51, please answer the following questions.

51a. How did you change your fishing activities in 202X?

51b. What were the main reasons you made those changes?

51c. By how much did each of the following increase or decrease for your vessel(s) in 202X due to those changes?
(Please enter "0" if there was no change)

Landings decreased by _____% OR increased by _____%

Fishing revenues decreased by _____% OR increased by _____%

Total operating costs decreased by _____% OR increased by _____%

Crew size decreased by # _____ crew OR increased by # _____ crew

Mahalo for participating in this survey.

Please use the enclosed postage paid return envelope to mail back your survey.

The information you have provided will improve our understanding of the importance of fishing in Hawaii.

Would you like to receive a copy of the final report for this study? (All personal information will be kept strictly confidential)

- a. YES
- b. NO

Name: _____

Address: _____

Email address: _____

May we contact you if we have any questions about your survey responses?

YES Phone: _____ best time to contact you: _____
Email address: _____ (if not provided above)

(Your phone number and email address will be kept strictly confidential)

NO

Paperwork Reduction Act Statement. The PIFSC is collecting this economic information to improve its ability to conduct the analyses required by the Magnuson-Stevens Fishery Conservation and Management Act (MSA) and other applicable law. The PIFSC and the Western Pacific Fishery Management Council will use this information to monitor, explain and predict changes in the economic performance and impacts of the Hawaii small boat fishery. Among other things, this will enable fisheries managers and the public to more fully consider the economic effects of proposed and existing regulations for this important fishery.

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995 unless the information collection has a currently valid OMB Control Number. The approved OMB Control Number for this information collection is 0648-0773 and its expiration date is XX/XX/20XX. Without this approval, we could not conduct this information collection. Public reporting for this information collection is estimated to be approximately 45 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. All responses to this information collection are voluntary. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden to the NOAA Fisheries at: 1845 Wasp Blvd., Building 176, Honolulu, HI 96818, Attn: Justin Hospital, and Justin.Hospital@noaa.gov if desired.

