

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

## SECTION A. YOUR FISHING EXPERIENCES

*Different fishermen in Hawaii had different fishing experiences over the past 12 months. Please tell us about yours.*

### 1. What type of fishing trips did you take in the past 12 months?

- 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 the past 12 months?

- 0
- Fewer than 25 trips
- 25-49 trips
- 50-99 trips
- 100-200 trips
- More than 200 trips

3. In the past 12 months, what percent of your **BOAT** fishing trips were: (please check one for each gear type)

	0%	1%-25%	26%-50%	51%-75%	76%-100%
Trolling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handline for pelagic species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handline for bottomfish species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spearfishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other gear, please specify: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. In the past 12 months, did you use a green-stick as one of the gear types?

- YES  
 NO

5. Approximately how many **NON-BOAT** fishing (shoreline) trips did you take in the past 12 months?

- 0  
 Fewer than 25 trips  
 25-49 trips  
 50-99 trips  
 100-200 trips  
 More than 200 trips

6. In the past 12 months, what percent of your **NON-BOAT** fishing (shoreline) trips were: (please check one for each gear type)

	0%	1%-25%	26%-50%	51%-75%	76%-100%
Rod and reel (pole)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spearfishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cast/throw net	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other gear, please specify: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. If you went **spearfishing** in the past 12 months, what percent of the time did you use scuba gear? And what percent of the time did you not use scuba gear?

	0%	1%-25%	26%-50%	51%-75%	76%-100%
Fishing trips with scuba gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fishing trips without scuba gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

8. In the past 12 months, what percent of your fishing trips occurred in state and federal jurisdiction?

	0%	1%-25%	26%-50%	51%-75%	76%-100%
State waters (0-3nm)	<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"/>

9. How many people in total, including yourself, are on board for an average fishing trip? \_\_\_\_\_ people

10. In the past 12 months, approximately how many total pounds of pelagic fish (tuna, marlin, mahimahi, ono, etc., here 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 the past 12 months, approximately how many total pounds of bottomfish (opakapaka, onaga, uku, taape, 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 the past 12 months, approximately how many total pounds of reef fish (manini, uhu, weke ula, etc., here 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

13. In the past 12 months, during what percent of your fishing trips did you fish at Fish Aggregating Devices (FADs):

0%	1%-25%	26%-50%	51%-75%	76%-100%
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## SECTION B. MARKET PARTICIPATION

**14.** How do you define yourself as a fisherman? (check one that applies)

- |   |  |
|---|--|
| <input type="checkbox"/> Full-time commercial<br><input type="checkbox"/> Part-time commercial<br><input type="checkbox"/> Recreational expense | <input type="checkbox"/> Purely recreational<br><input type="checkbox"/> Subsistence<br><input type="checkbox"/> Culture<br><input type="checkbox"/> Other, please specify _____ |
|---|--|

**15.** In the past 12 months, how were the catches distributed? (please check one and estimate percentage)

- |  |   |
|--|---|
| <input type="checkbox"/> I kept all the fish I caught<br><input type="checkbox"/> I kept/received _____% of total fish caught<br><input type="checkbox"/> I kept/received _____% of trip revenue | <input type="checkbox"/> Don't know/different every time<br><input type="checkbox"/> Other, please describe: _____<br>_____ |
|--|---|

**16.** In the past 12 months, what percent of your catch was:

	0%	1%-25%	26%-50%	51%-75%	76%-100%
Consumed at home	<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"/>
Caught and released	<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"/>

**17.** In the past 12 months, did you ever sell any of the fish you caught?

- YES —————> **Go to Q18**  
 NO —————> **Go to Q22**

*If you sold any of your fish...*

**18.** In the past 12 months, where did you sell your fish?

- Wholesaler/auction  
 Restaurants/stores  
 Roadside/farmers' market  
 Friends/neighbors/coworkers  
 Other, please specify \_\_\_\_\_

If you sold any of your fish...

**19.** In the past 12 months, what was the approximate value of all the fish you sold?

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

If you sold any of your fish...

**20.** In the past 12 months, what percent of the value of fish sold (question 19) came from the sale of pelagic fish, bottomfish, and reef fish?

	0%	1%-25%	26%-50%	51%-75%	76%-100%
Pelagic Fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bottomfish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reef Fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

If you sold any of your fish...

**21.** In the past 12 months, after expenses, what percent of your personal income came from the sale of fish?

1%-25%	26%-50%	51%-75%	76%-100%
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**SECTION C. YOUR VESSEL**

*In this section, we want to better understand the vessel and gear characteristics of the boat based fishery in Hawaii.*

**22.** Do you own the boat that you fish on?

- YES → **Go to Q23**  
 NO → **Go to Q30**

If you own the boat that you fish on...

**23.** In the past 12 months, what percent of time did other people (other than family members) use the boat **without** you?

0%	1%-25%	26%-50%	51%-75%	76%-100%
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

24. What is the length of your boat? \_\_\_\_\_ feet
25. What is the total horsepower? \_\_\_\_\_ hp
26. In what year was the boat built? \_\_\_\_\_
27. In what year did you purchase the boat you fish on? \_\_\_\_\_  
*(If homebuilt - when did you complete it?)*
28. How much did you pay to purchase the boat you fish on? \$ \_\_\_\_\_  
*(If homebuilt – how much did it cost to build it?)*
29. What is the approximate market value of your boat?  
 (considering age and current condition and including motor(s) and trailer) \$ \_\_\_\_\_

**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.*

30. In the past 12 months, what was the primary gear usage for your most common trip (please check one)?

- |  |  |
|--|--|
| <input type="checkbox"/> Trolling                        | <input type="checkbox"/> Spearfishing              |
| <input type="checkbox"/> Handline for pelagic species    | <input type="checkbox"/> Nets                      |
| <input type="checkbox"/> Handline for bottomfish species | <input type="checkbox"/> Other gear, specify _____ |

- 30a. On average, how much money did you spend on your most common (question 30) gear type trip?

Type of Expenditure

Trip Expenditure

Boat fuel	\$ _____
Truck fuel (round-trip)	\$ _____
Oil	\$ _____
Ice	\$ _____
Bait	\$ _____
Food and beverage	\$ _____
Daily maintenance and repair	\$ _____
Other, please specify:	
_____	\$ _____

**30b.** How were the trip costs distributed among your most common gear type (question 30)? (please check one and estimate percentage)

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

**31.** In the past 12 months, what was your second most common gear usage (please check one)?

- Trolling
- Handline for pelagic species
- Handline for bottomfish species
- Spearfishing
- Nets
- Other gear, specify \_\_\_\_\_

**31a.** On average, how much money did you spend on your second most common (question 31) gear type trip?

<u>Type of Expenditure</u>	<u>Trip Expenditure</u>
Boat fuel	\$ _____
Truck fuel (round-trip)	\$ _____
Oil	\$ _____
Ice	\$ _____
Bait	\$ _____
Food and beverage	\$ _____
Daily maintenance and repair	\$ _____
Other, please specify:	
_____	\$ _____

**31b.** How were the trip costs distributed among your second most common gear type (question 31)? (please check one and estimate percentage)

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

## SECTION E. 2013 FISHING EXPENDITURES

*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 2013. In the table below please indicate how much, if any, was spent on the following items during 2013.*

**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.**

**32.**

<u>Cost Category</u>	<u>2013 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 (lines, lures, gaffs, rods, electric/hydraulic reels, spears, wetsuits, coolers, safety equipment, etc.)	\$ _____			
Annual boat and trailer repair, maintenance, and improvements	\$ _____			
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 have different fishing experiences and different motivations for fishing.  
The following questions help us to better understand these differences.*

### 33. What is your gender?

- Male  
 Female

### 34. What is your age?

- Less than 25 years  
 25 to 34 years  
 35 to 44 years  
 45 to 54 years  
 55 to 64 years  
 More than 64 years

### 35. What is the zip code where you live? \_\_\_\_\_

### 36. Are you Hispanic or Latino?

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

### 37. How would you describe your race? (check all that apply)

- American Indian or Alaska Native  
 Asian  
 Black or African American  
 Native Hawaiian  
 Other Pacific Islander (specify) \_\_\_\_\_  
 White

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

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

### 39. What was your total household income, before taxes, in 2013, including fishing income?

- Less than \$10,000  
 \$10,000 to \$24,999  
 \$25,000 to \$49,999  
 \$50,000 to \$99,999  
 \$100,000 to \$249,999  
 \$250,000 or more



## *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)**

YES

NO

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Email address: \_\_\_\_\_

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

YES

NO

Phone: \_\_\_\_\_ best time to reach you: \_\_\_\_\_

(your phone number will be kept strictly confidential)

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