

## 2014 Hawaii Small Boat Fishery Cost-Earnings Survey

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 can help us in 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 Q4

2. Approximately how many **BOAT** fishing trips did you take in the past 12 months?

- 0 (no boat fishing trips in the past 12 months)  
 Fewer than 25 trips (about once every other week)  
 25-49 trips (about once a week)  
 50-99 trips (about once or twice a week)  
 100-200 trips (about two to three times a week)  
 More than 200 trips (about three to four times a week or more)

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 (shortline)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Handline for bottomfish	<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"/>
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"/>

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4. In the past 12 months, did you use 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 (no non-boat fishing trips in the past 12 months)
- Fewer than 25 trips (about once every other week)
- 25-49 trips (about once a week)
- 50-99 trips (about once or twice a week)
- 100-200 trips (about two to three times a week)
- More than 200 trips (about three to four times a week or more)

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? And what percent of the time did you **not** use scuba?

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

- None
- 1 - 50 pounds
- 51 - 100 pounds
- 101 - 500 pounds
- 501 - 1000 pounds
- More than 1000 pounds . About how much? \_\_\_\_\_ pounds

11. In the past 12 months, approximately how many total pounds of bottomfish did you catch?

- None
- 1 - 50 pounds
- 51 - 100 pounds
- 101 - 500 pounds
- 501 - 1000 pounds
- More than 1000 pounds . About how much? \_\_\_\_\_ pounds

12. In the past 12 months, approximately how many total pounds of reef fish did you catch?

- None
- 1 - 50 pounds
- 51 - 100 pounds
- 101 - 500 pounds
- 501 - 1000 pounds
- 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 | <input type="checkbox"/> Purely recreational         |
| <input type="checkbox"/> Part-time commercial | <input type="checkbox"/> Subsistence                 |
| <input type="checkbox"/> Recreational expense | <input type="checkbox"/> Culture                     |
|   | <input type="checkbox"/> Other, please specify _____ |

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

- I keep all the fish I catch
- I received \_\_\_\_\_ % of total fish caught
- I received \_\_\_\_\_ % of trip revenue
- Don't know/different every time
- Other, please describe: \_\_\_\_\_

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 . Q18
- No . 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"/> \$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 |
|  |   | \$ _____   |

*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 boat based fishing in Hawaii.*

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

- Yes. Go to Question 23  
 No. Go to Question 30

*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 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 (shortline) | <input type="checkbox"/> Net                       |
| <input type="checkbox"/> Handline for bottomfish          | <input type="checkbox"/> Other gear, specify _____ |

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

<u>Type of Expenditure</u>	<u>Total Trip Expenditure</u>
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 flat rate 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)?

- |   |  |
|---|--|
| <input type="checkbox"/> Trolling                         | <input type="checkbox"/> Spearfishing              |
| <input type="checkbox"/> Handline for pelagic (shortline) | <input type="checkbox"/> Net                       |
| <input type="checkbox"/> Handline for bottomfish          | <input type="checkbox"/> 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>Total 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 flat rate 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 (dollars)</u>	
<b>Boat insurance</b> .....	\$ _____	<input type="checkbox"/> per month <input type="checkbox"/> per year
<b>Loan payments</b> .....	\$ _____	<input type="checkbox"/> per month <input type="checkbox"/> per year
<b>Mooring fees</b> .....	\$ _____	<input type="checkbox"/> per month <input type="checkbox"/> per year
<b>Gear replacement/repair</b> (lines, lures, gaffs, rods, electric/hydraulic reels, spears, wetsuits, coolers, safety equipment, etc.) .....	\$ _____	
<b>Annual boat and trailer repair, maintenance, and improvements</b> .....	\$ _____	
<b>Fees</b> (CML, non-commercial permit ramp, registration for truck and trailer, safety, dry dock fees, etc.) .....	\$ _____	
<b>Financial services</b> .....	\$ _____	
<b>Other, please specify</b> .....	\$ _____	
_____		

## 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?

- |   |   |
|---|---|
| <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 |

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)

- |   |   |
|---|---|
| <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                                  |

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

- |   |   |
|---|---|
| <input type="checkbox"/> Less than 9 <sup>th</sup> 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)             |   |

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

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

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