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)

<table>
<thead>
<tr>
<th>Gear Type</th>
<th>0%</th>
<th>1%-25%</th>
<th>26%-50%</th>
<th>51%-75%</th>
<th>76%-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trolling</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Handline for pelagic species</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Handline for bottomfish species</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spearfishing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nets</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other gear, please specify:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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)

<table>
<thead>
<tr>
<th>Gear Type</th>
<th>0%</th>
<th>1%-25%</th>
<th>26%-50%</th>
<th>51%-75%</th>
<th>76%-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rod and reel (pole)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spearfishing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cast/throw net</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other gear, please specify:</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

________________________________________

<table>
<thead>
<tr>
<th>0%</th>
<th>1%-25%</th>
<th>26%-50%</th>
<th>51%-75%</th>
<th>76%-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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?

<table>
<thead>
<tr>
<th>Fishing trips with scuba gear</th>
<th>0%</th>
<th>1%-25%</th>
<th>26%-50%</th>
<th>51%-75%</th>
<th>76%-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fishing trips without scuba gear</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>State waters (0-3nm)</th>
<th>0%</th>
<th>1%-25%</th>
<th>26%-50%</th>
<th>51%-75%</th>
<th>76%-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal waters (greater than 3nm)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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?

| □ None | □ 101 – 500 pounds |
| □ 1 – 50 pounds | □ 501 – 1000 pounds |
| □ 51 – 100 pounds | □ 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?

| □ None | □ 101 – 500 pounds |
| □ 1 – 50 pounds | □ 501 – 1000 pounds |
| □ 51 – 100 pounds | □ 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?

| □ None | □ 101 – 500 pounds |
| □ 1 – 50 pounds | □ 501 – 1000 pounds |
| □ 51 – 100 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):

<table>
<thead>
<tr>
<th>0%</th>
<th>1%-25%</th>
<th>26%-50%</th>
<th>51%-75%</th>
<th>76%-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
14. How do you define yourself as a fisherman? (check one that applies)

- [ ] Full-time commercial
- [ ] Part-time commercial
- [ ] Recreational expense
- [ ] Purely recreational
- [ ] Subsistence
- [ ] Culture
- [ ] Other, please specify __________________________

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

- [ ] I kept all the fish I caught
- [ ] I kept/received _____% of total fish caught
- [ ] I kept/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:

- [ ] Consumed at home
- [ ] Given away
- [ ] Caught and released
- [ ] Sold

<table>
<thead>
<tr>
<th></th>
<th>0%</th>
<th>1%-25%</th>
<th>26%-50%</th>
<th>51%-75%</th>
<th>76%-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Consumed at home</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Given away</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Caught and released</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
<tr>
<td>Sold</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

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?

$\square$ $1 - $100
$\square$ $101 - $500
$\square$ $501 - $1,000
$\square$ $1,001 - $2,000
$\square$ $2,001 - $5,000

$\square$ $5,001 - $10,000
$\square$ $10,001 - $20,000
$\square$ $20,001 - $50,000
$\square$ 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?

<table>
<thead>
<tr>
<th>Pelagic Fish</th>
<th>0%</th>
<th>1%-25%</th>
<th>26%-50%</th>
<th>51%-75%</th>
<th>76%-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bottomfish</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Reef Fish</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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?

$\square$ 1%-25%
$\square$ 26%-50%
$\square$ 51%-75%
$\square$ 76%-100%

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?

$\square$ YES → Go to Q23
$\square$ 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?

<table>
<thead>
<tr>
<th>0%</th>
<th>1%-25%</th>
<th>26%-50%</th>
<th>51%-75%</th>
<th>76%-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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)?

   □ Trolling
   □ Handline for pelagic species
   □ Handline for bottomfish species

   □ Spearfishing
   □ Nets
   □ Other gear, specify ______________________________

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

<table>
<thead>
<tr>
<th>Type of Expenditure</th>
<th>Trip Expenditure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boat fuel</td>
<td>$ __________________</td>
</tr>
<tr>
<td>Truck fuel (round-trip)</td>
<td>$ __________________</td>
</tr>
<tr>
<td>Oil</td>
<td>$ __________________</td>
</tr>
<tr>
<td>Ice</td>
<td>$ __________________</td>
</tr>
<tr>
<td>Bait</td>
<td>$ __________________</td>
</tr>
<tr>
<td>Food and beverage</td>
<td>$ __________________</td>
</tr>
<tr>
<td>Daily maintenance and repair</td>
<td>$ __________________</td>
</tr>
<tr>
<td>Other, please specify:</td>
<td>$ __________________</td>
</tr>
</tbody>
</table>
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?

<table>
<thead>
<tr>
<th>Type of Expenditure</th>
<th>Trip Expenditure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boat fuel</td>
<td>$ ____________________</td>
</tr>
<tr>
<td>Truck fuel (round-trip)</td>
<td>$ ____________________</td>
</tr>
<tr>
<td>Oil</td>
<td>$ ____________________</td>
</tr>
<tr>
<td>Ice</td>
<td>$ ____________________</td>
</tr>
<tr>
<td>Bait</td>
<td>$ ____________________</td>
</tr>
<tr>
<td>Food and beverage</td>
<td>$ ____________________</td>
</tr>
<tr>
<td>Daily maintenance and repair</td>
<td>$ ____________________</td>
</tr>
<tr>
<td>Other, please specify:</td>
<td>$ ____________________</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Cost Category</th>
<th>2013 Expenditure (dollars)</th>
<th>per month</th>
<th>per year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boat insurance</td>
<td>$____________________</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>Loan payments</td>
<td>$____________________</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>Mooring fees</td>
<td>$____________________</td>
<td>□</td>
<td>□</td>
</tr>
<tr>
<td>Gear replacement/repair (lines, lures, gaffs, rods, electric/hydraulic reels, spears, wetsuits, coolers, safety equipment, etc.)</td>
<td>$____________________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Annual boat and trailer repair, maintenance, and improvements</td>
<td>$____________________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fees (CML, non-commercial permit ramp, registration for truck and trailer, safety, dry dock fees, etc.)</td>
<td>$____________________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Financial services</td>
<td>$____________________</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other, please specify:</td>
<td>$____________________</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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 9th 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
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?
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  Phone: ________________ best time to reach you: ________________
☐ NO  (your phone number will be kept strictly confidential)

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