

## **The Mariana Archipelago Small Boat Fishery Cost-Earnings Survey**

*Hafa adai, help us to better understand the importance of fishing in the Mariana Archipelago. Your details of fishing experiences and expenditures are important for getting accurate results. We want to best represent Marianas 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.*

*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.*

Date of Survey \_\_\_\_\_ Fisherman's name \_\_\_\_\_ Interviewer \_\_\_\_\_

### **SECTION A. YOUR FISHING EXPERIENCES**

1. In 202X-1, were you ...

- Boat owner (but not going out for fishing)
- Owner operator
- Captain (not boat owner)
- Crew

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

- I went fishing using a boat only \_\_\_\_\_ → Go to Q3
- I went fishing sometimes using a boat and sometimes not using a boat I \_\_\_\_\_ → Go to Q3
- went fishing not using a boat \_\_\_\_\_ → Go to Q5

3. Approximately how many BOAT fishing trips did you take in 202x-1? \_\_\_\_\_ trips

*(If not sure, please provide an answer below):*

- |   |  |
|---|--|
| <input type="checkbox"/> 0  | <input type="checkbox"/> 25 – 49 trips (once a week)                         |
| <input type="checkbox"/> Fewer than 12 trips (once every month or less) | <input type="checkbox"/> 50 – 99 trips (once or twice a week)                |
| <input type="checkbox"/> 12 – 24 trips (once every other week)          | <input type="checkbox"/> 100 – 200 trips (two to three times a week) or more |

4. We understand the gear you used may have varied by trip, please indicate what percent of your **BOAT** fishing trips in 202X-1 you took with each type of gear: (Please check one for each type of gear)

	None (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost (90%-100%)
Trolling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Deepwater Bottomfish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nearshore/Shallow Bottomfish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Atulai	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reef Fishing (Spear)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reef Fishing (Net) Other, please specify: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Approximately how many **NON-BOAT** fishing (shoreline) trips did you take in 202X-1? \_\_\_\_\_ trips

(If not sure, please provide an answer below):

- |   |  |
|---|--|
| <input type="checkbox"/> 0  | <input type="checkbox"/> 25 – 49 trips (once a week)                         |
| <input type="checkbox"/> Fewer than 12 trips (once every month or less) | <input type="checkbox"/> 50 – 99 trips (once or twice a week)                |
| <input type="checkbox"/> 12 – 24 trips (once every other week)          | <input type="checkbox"/> 100 – 200 trips (two to three times a week) or more |

6. In 202X-1, what percent of your **NON-BOAT** fishing (shoreline) trips did you take with each type of gear? (Please check one for each type of gear)

	None (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)
Pole	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cast net	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surround net	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gill net	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rod and reel	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gleaning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hand line	<input type="checkbox"/>	<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"/>	<input type="checkbox"/>

7. In 202X-1, how many of your **BOAT** fishing trips were of each of the following lengths? (Please check one box for each trip length)

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

8. How many people in total, including yourself, were on board for an average BOAT fishing trip? \_\_\_\_\_ people

9. Did you always fish out of the same boat ramp or harbor?

YES

NO → If NO, how many different boat ramps or harbors did you use in 202X-1? \_\_\_\_\_ ramps/harbors

10. In 202X-1, approximately how many total pounds of pelagic fish, deepwater bottomfish, nearshore/shallow bottomfish, and reef fish did you catch?

	None	1-50 pounds	51-100 pounds	101-250 pounds	251-500 pounds	500+ pounds (about how much?)
Pelagic fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Deepwater bottomfish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Nearshore/shallow 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"/>	_____

11. 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"/>

11a. 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

12. People have different opinions on the definition of commercial fishing. How would you define a fisherman as commercial? To be considered a commercial fisherman, I feel that someone must do the following. (Please check all that apply)

- |  |  |
|--|--|
| <input type="checkbox"/> Sell at least one fish    | <input type="checkbox"/> Make at least 25% of personal income from fishing |
| <input type="checkbox"/> Sell 25% or more of catch | <input type="checkbox"/> Make at least 50% of personal income from fishing |
| <input type="checkbox"/> Sell 50% or more of catch | <input type="checkbox"/> Make <u>all</u> personal income from fishing      |
| <input type="checkbox"/> Sell <u>all</u> catch     | <input type="checkbox"/> Other, please specify: _____                      |

13. 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 had 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: \_\_\_\_\_

14. In 202X-1, how many of your fishing trips did you fish for a roadside vendor, and/or as an independent fisherman?

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

15. In 202X-1, how many of your fishing trips did you fish as a captain and/or crew?

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

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, about what percent of your fishing trips did you sell a portion of your catch?

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"/>

18. 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%)
Sold	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Consumed at home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Given to family members	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Given to friends/neighbors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Caught for fiestas or other community/cultural events	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Traded for goods and services	<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"/>

**If you did not sell any of your fish in 202X-1, please skip to Question 25.**

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%)
Guam Fishermen's Coop	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roadside Vendor	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Retail Markets/Stores	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hotels/Restaurants	<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"/>
Wholesaler	<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, could you usually sell all of the fish that you wanted to sell for each of the following types of fish?

<u>Pelagic Fish</u>	<u>Deepwater Bottomfish</u>	<u>Nearshore/Shallow Bottomfish</u>	<u>Reef Fish</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
<input type="checkbox"/> I don't sell these fish	<input type="checkbox"/> I don't sell these fish	<input type="checkbox"/> I don't sell these fish	<input type="checkbox"/> I don't sell these fish

21. If NO in Q20 – why not?

- |  |  |
|--|--|
| <input type="checkbox"/> Market is too far     | <input type="checkbox"/> Catch of non-target species   |
| <input type="checkbox"/> The price is not good | <input type="checkbox"/> Fish too small/picky buyer    |
| <input type="checkbox"/> Market conditions     | <input type="checkbox"/> Other, please describe: _____ |

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

- |  |  |
|--|--|
| <input type="checkbox"/> \$1 - \$100     | <input type="checkbox"/> \$1,001 - \$5,000                             |
| <input type="checkbox"/> \$101 - \$500   | <input type="checkbox"/> \$5,001 - \$10,000                            |
| <input type="checkbox"/> \$501 - \$1,000 | <input type="checkbox"/> More than \$10,000 → About how much? \$ _____ |

23. In 202X-1, what percent of the value of fish sold (question 22) came from the sale of pelagic fish, deepwater bottomfish, nearshore/shallow bottomfish, and reef fish?

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

24. In 202X-1, after expenses, what percent of your personal income came from the sale of fish?

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

25. In 202X-1, how important was the fish you caught as a source of food for your family?

- |                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Not at all               | Slightly important       | Moderately important     | Very important           | Extremely important      |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**SECTION C. YOUR BOAT**

*In this section, we want to better understand the boat and gear characteristics of Marianas' fishing in 202X-1 .*

26. Did you own the boat that you fished on in 202X-1?

- YES → Go to Q27
- NO → If NO, did you always fish on the same boat?
- YES → Go to Q34
- NO → Go to Q34

27. In 202X-1, what percent of time did other people (other than family members) use that boat without you?

- |                          |                          |                          |                          |                          |                             |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-----------------------------|
| Never<br>(0%)            | Very little<br>(1%-9%)   | Sometimes<br>(10%-39%)   | About half<br>(40%-59%)  | Usually<br>(60%-89%)     | Almost always<br>(90%-100%) |
| <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>    |

28. What was the length of your boat? \_\_\_\_\_ feet

29. What was the total horsepower? \_\_\_\_\_ hp

30. In what year was that boat built? \_\_\_\_\_

31. In what year did you purchase the boat you fished on in 202X-1?

*(If homebuilt – when did you complete it?)*

\_\_\_\_\_

32. How much did you pay to purchase that boat?

*(If homebuilt – how much did it cost to build it?)*

\$ \_\_\_\_\_

33. In 202X-1, what was the current market value, in dollars, of the electronics you used to fish?

\$ \_\_\_\_\_

34. In 202X-1, what was the current market value, in dollars, of the gear you used to fish (not including electronics)?  
 \$ \_\_\_\_\_

*If you own the boat your fish on:*

35. In 202X-1, what was the current market value, in dollars, of that boat?  
 (Considering age and current condition and including motor(s) and trailer, but not including electronics or gear mentioned above)?  
 \$ \_\_\_\_\_

*If you own the boat your fish on:*

36. 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.*

37. In 202X-1, what was the primary gear used for your most common type of fishing trip with a BOAT? (Please check one)

- Trolling                       Atulai                       Reef fishing with nets (boat)
- Deepwater bottomfish       Spear fishing (boat)
- Nearshore/shallow bottomfish    Scuba spear

37a. On average per trip, how much money did you spend on your most common (question 37) type of fishing trip with a BOAT?

<u>Type of Expenditure</u>	<u>Trip Expenditure</u>	<u>What type of fuel?</u>	<u>Amount</u>
Boat fuel (average for a trip)	\$ _____	<input type="checkbox"/> gas <input type="checkbox"/> diesel	_____ gallons
Truck fuel (round trip)	\$ _____	<input type="checkbox"/> gas <input type="checkbox"/> diesel	_____ gallons
Ice	\$ _____		_____ lbs
Bait	\$ _____		_____ case(s)
Food and beverage	\$ _____		
Daily maintenance and repair	\$ _____		
Gear lost	\$ _____		
Other, please specify: _____	\$ _____		

37b. How were the trip costs distributed for your most common (question 37) 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: \_\_\_\_\_

38. In 202X-1, what was your second most common gear used for fishing trip with a **BOAT**? (Please check one)

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Trolling                     | <input type="checkbox"/> Atulai               | <input type="checkbox"/> Reef fishing with nets (boat) | <input type="checkbox"/> Net fishing (shore)       |
| <input type="checkbox"/> Deepwater bottomfish         | <input type="checkbox"/> Spear fishing (boat) | <input type="checkbox"/> Spear fishing (shore)         | <input type="checkbox"/> Gathering by Hand (shore) |
| <input type="checkbox"/> Nearshore/shallow bottomfish | <input type="checkbox"/> Scuba spear          | <input type="checkbox"/> Rod and reel (shore)          |  |

38a. On average per trip, how much money did you spend on your second most common (question 38) type of fishing trip with a **BOAT**?

<u>Type of Expenditure</u>	<u>Trip Expenditure</u>	<u>What type of fuel?</u>	<u>Amount</u>
Boat fuel (average for a trip)	\$ _____	<input type="checkbox"/> gas <input type="checkbox"/> diesel	_____ gallons
Truck fuel (round trip)	\$ _____	<input type="checkbox"/> gas <input type="checkbox"/> diesel	_____ gallons
Ice	\$ _____		_____ lbs
Bait	\$ _____		_____ case(s)
Food and beverage	\$ _____		
Daily maintenance and repair	\$ _____		
Gear lost	\$ _____		
Other, please specify: _____	\$ _____		

38b. How were the trip costs distributed for your second most common (question 38) 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 Marianas' 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 202X-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.**

39.

<u>Cost Category</u>	<u>202X-1 Expenditure (dollars)</u>
Boat insurance	\$ _____
Loan payments	\$ _____
Financial services (accounting, taxes)	\$ _____
Moorage fees	\$ _____
Repair, maintenance, and improvements for vessel, engines, or trailer	\$ _____
Oil and lube	\$ _____
Gear (lines, lures, gaffs, rods, electric/hydraulic reels, spears, wetsuits, coolers, etc.)	\$ _____
Electronics	\$ _____
Fees (Registration for truck and trailer, dry dock fees, fishing club dues, coop fees, etc.)	\$ _____
Safety Equipment	\$ _____
Other, please specify: _____	\$ _____

40. Some fishermen purchase fishing gear, electronics, safety equipment or other items off-island, online, or through a catalog. Approximately what percentage of your expenditures were purchased off-island? \_\_\_\_\_%

## 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.*

41. What is your gender?

- Male  Female

42. What is your age?

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

43. What village did you live in 202X-1? \_\_\_\_\_

44. How long have you lived in the Marianas? \_\_\_\_\_ years

45. How long have you fished from a boat? \_\_\_\_\_ years

46. Are you a member of a fishing club/association/group? (Please check all that apply)

- Guam Fishermen's Cooperative Association (GFCA)  Marianas Underwater Fishing Federation (MUFF)  
 Guam Organization of Saltwater Anglers (GOSA)  Saipan Fishermen Association (SFA)  
 Marianas Apnea Spearfishing Club (MASC)  Halum Mamati Fishing Club (HMFC)  
 Other, please specify: \_\_\_\_\_  None

47. Are you of Hispanic, Latino, or of Spanish Origin?

- No  Yes, Mexican, Mexican American, Chicano  Yes, Cuban  
 Yes, Puerto Rican  Yes, another Hispanic, Latino, or Spanish Origin, please specify: \_\_\_\_\_

48. What is your race? (Please check all that apply)

- Guamanian or Chamorro  Carolinian  
 Filipino  Native Hawaiian  
 White  Samoan  
 Chinese  Other Pacific Islander, please specify: \_\_\_\_\_  
 Japanese  Asian Indian  
 Korean  American Indian or Alaska Native  
 Vietnamese  Black or African American  
 Other Asian, please specify: \_\_\_\_\_

49. Are you currently employed?

- Employed full-time                       Student (full-time)                       Retired  
 Employed part-time                       Student (part-time)                       Unemployed  
 Other, please specify: \_\_\_\_\_

50. How many hours per week do you work for pay (non-fishing)? \_\_\_\_\_ hours

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

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

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

- Less than \$2,500                       \$15,000 to \$24,999                       \$50,000 to \$74,999  
 \$2,500 to \$4,999                       \$25,000 to \$29,999                       \$75,000 to \$99,999  
 \$5,000 to \$9,999                       \$30,000 to \$39,999                       \$100,000 or more  
 \$10,000 to \$14,999                       \$40,000 to \$49,999

**SECTION G. WHAT DO YOU THINK?**

53. 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>Deepwater<br/>Bottomfish Fishing</u> | <u>Nearshore/Shallow<br/>Bottomfish Fishing</u> | <u>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  |

54. Why do you feel this way? \_\_\_\_\_

55. 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?			

56. 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"/>

57. How important is each of the following for managing fisheries in the Marianas?

	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"/>

58. Please state how much you agree or disagree with each of the 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"/>

59. Do you have any suggestions for how the Marianas' fisheries should be managed or topics that you feel need further study?

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

Yes

No

If YES in Q60, please answer the following questions.

60a. How did you change your fishing activities in 202X?

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60b. What were the main reasons you made those changes?

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60c. 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

*Thank you for participating in this survey.  
The information you have provided will improve our understanding of the importance  
of fishing in the Mariana Archipelago.*

**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:**

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

YES    Phone: \_\_\_\_\_ Best time to contact you: \_\_\_\_\_

Email: \_\_\_\_\_ (if not provided above)

NO    (Your phone number and email address will be kept strictly confidential)

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 Mariana Archipelago 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.