

*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 fisher(men) and we can only do that by hearing from as many fisher(men) 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. NMFS 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). To the extent permitted by law, NMFS will apply Exemption Four of the Freedom of Information Act (FOIA) (5 U.S.C. Section 552) to withhold individual survey data from the FOIA public disclosure requirement. Therefore, unless required by the FOIA, or other applicable law, NMFS will not make individual survey data available to the public. NMFS has demonstrated that it has instituted procedures to protect information confidentiality to the extent permitted by law.*

**SECTION A. YOUR FISHING EXPERIENCES**

1. Approximately how many BOAT fishing trips did you take in 2023? \_\_\_\_\_ trips

(if not sure, please provide answer below):

- 0
- 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 to three times a week) or more

2. In 2023, how many of your BOAT fishing trips were primarily: (please check one for each gear)

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

3. Approximately how many **NON-BOAT** fishing (shoreline) trips did you take in 2023? \_\_\_\_\_ trips

(if not sure, please provide 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. In 2023, how many of your **NON-BOAT** fishing (shoreline) trips were: (please check one for each gear type)

|                                      | 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%) |
|--------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 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:<br>_____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

5. In 2023, how many of your **BOAT** fishing trips were:

|                             | 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%) |
|-----------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 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"/> |

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

7. Do you always fish out of the same boat ramp or harbor?

YES

NO → If **NO**, on average, how many different boat ramps or harbors do you use in a year? \_\_\_\_\_ ramps

8. In 2023, approximately how many total pounds of pelagic fish, deepwater bottomfish, nearshore/shallow bottomfish, and reef fish did you catch?

|                              | None                     | 1-50<br>pounds           | 51-100<br>pounds         | 101-250<br>pounds        | 251-500<br>pounds        | 500+ pounds<br>(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"/> | _____                            |

9. In 2023, during what percent of your fishing trips did you fish at/visit Fish Aggregating Devices (FADs):

|                          |                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 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"/> |

9a. In 2023, please estimate the percentage of your total fishing time that you fished at/around Fish Aggregating Devices (FADs):

|                          |                          |                          |                          |                          |                          |
|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 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"/> |

## SECTION B. MARKET PARTICIPATION

10. People have different opinions on the definition of commercial fishing. How would you define a fisher(man) as commercial? To be considered a commercial fisher(man), I feel that someone must: (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: _____                      |

11. What is your primary motivation for fishing? (if multiple applies to you, put 1 as primary, 2 as secondary, and 3 as tertiary)

- Purely Recreational** (I fish only for sport or pleasure)
- Recreational Expense** (I fish primarily for sport or pleasure, but I also sell a few fish to cover trip expenses)
- Subsistence** (I fish primarily to catch fish to feed myself/my family/my community)
- Cultural** (I enjoy fishing, but I am even more concerned about keeping traditional practices alive, such as using traditional fishing gear)
- Part-time Commercial** (Fishing pays some of my bills, but I still have to work at another job)
- Full-time Commercial** (Fishing brings in most or all of the money I make in a year)
- Other**, please specify: \_\_\_\_\_

12. In 2023, how many of your fishing trips did you fish for a roadside vendor, and/or as an independent fisher(man)?

|                               | 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%) |
|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Roadside vendor               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| I am an independent fisherman | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

13. In 2023, how many of your fishing trips did you fish as a captain and/or crew?

|         | 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%) |
|---------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 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"/> |

14. In 2023, how were the catch distributed among fisher(men) in a fishing trip?

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

15. In 2023, about what percentage of your fishing trips did you sell a portion of your catch?

| 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"/> |

16. In 2023, what percentage of your catch was:

|   | 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%) |
|---|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 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 never sold fish, go to Question 23

17. Where did you sell your catch? (check all that apply)

|                                 | 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%) |
|---------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 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:<br>_____ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

18. Can you usually sell all of the fish that you want to sell?

Pelagic Fish

- Yes
- No
- I don't sell these fish

Deepwater Bottomfish

- Yes
- No
- I don't sell these fish

Nearshore/Shallow Bottomfish

- Yes
- No
- I don't sell these fish

Reef Fish

- Yes
- No
- I don't sell these fish

19. If NO in Q18 – why not?

- Market is too far
- The price is not good
- Market conditions
- Catch of non-target species
- Fish too small/picky buyer
- Other, please describe: \_\_\_\_\_

20. In 2023, what was the approximate value of all the fish you sold?

- \$1 - \$100
- \$101 - \$500
- \$501 - \$1,000
- \$1,001 - \$5,000
- \$5,001 - \$10,000
- More than \$10,000 → About how much? \$ \_\_\_\_\_

21. In 2023, what percent of the value of fish sold (question 20) came from the sale of pelagic fish, deepwater bottomfish, nearshore/shallow bottomfish, and reef 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%) |
|------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 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"/> |

22. In 2023, 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"/> |

23. How important is the fish you catch 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. VESSEL AND GEAR**

*In this section we want to better understand the vessel and gear characteristics of Marianas' fishing*

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

- YES → If YES, what percentage of your time do you fish on your own boat? \_\_\_\_\_% → Go to Q25
- NO → If NO, do you always fish on the same boat?
- YES → Go to Q 32
- NO → Go to Q 32

*If you own the boat you fish on:*

25. What is the length of your boat? \_\_\_\_\_ feet

26. What is the horsepower? \_\_\_\_\_ hp

27. In what year was the boat built? \_\_\_\_\_

28. In 2023, did other people (other than family members) use the 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"/>    |

29. In what year did you purchase the boat you fish on? \_\_\_\_\_  
*(if homebuilt – when did you complete it?)*

30. How much did you pay to purchase the boat you fish on? \$ \_\_\_\_\_  
*(if homebuilt – how much did it cost to build it?)*

31. What is the current market value, in dollars, of the **electronics** you currently use to fish? \$ \_\_\_\_\_

32. What is the current market value, in dollars, of the gear you currently use to fish (not including electronics)?

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

If you own the boat you fish on:

33. What is the current market value, in dollars, (considering age and current condition) of your boat (including motor(s) and trailer, but not including electronics or gear mentioned above)?

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

If you own the boat your fish on:

34. Please enter the year in which you made any major improvements to your vessel \_\_\_\_\_

**SECTION D. YOUR FISHING TRIP COSTS**

*We now want to understand what it costs to fish.  
Please remember that all your answers are strictly confidential.*

35. In 2023, what was the primary gear usage for your most common BOAT fishing trip (please check one)?

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Trolling                     | <input type="checkbox"/> Atulai               | <input type="checkbox"/> Reef fishing with nets (boat) |
| <input type="checkbox"/> Deepwater bottomfish         | <input type="checkbox"/> Spear fishing (boat) |  |
| <input type="checkbox"/> Nearshore/shallow bottomfish | <input type="checkbox"/> Scuba spear          |  |

36. On average, how did you pay for your fishing trip costs for your most common (question 35) gear type?

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

37. On average, what was the total trip costs for your most common (question 35) gear type trip?

| <u>Type of Expenditure</u>   | <u>Trip Expenditure</u> | <u>What type of fuel?</u>                                    | <u>Amount</u> |
|------------------------------|-------------------------|--|---------------|
| Boat fuel                    | \$ _____                | <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: _____ | \$ _____                |  |               |

38. In 2023, what was your second most common gear usage (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)          |  |

39. On average, how did you pay for your fishing trip costs for your second most common (question 38) gear type?

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

40. On average, what was the total trip costs for your second most common (question 38) gear type trip?

| <u>Type of Expenditure</u>   | <u>Trip Expenditure</u> | <u>What type of fuel?</u>                                    | <u>Amount</u> |
|------------------------------|-------------------------|--|---------------|
| Boat fuel                    | \$ _____                | <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: _____ | \$ _____                |  |               |



**SECTION E. OTHER FISHING EXPENDITURES IN 2023**

*In an effort to better understand your economic contribution to the Marianas' economy, we would like to ask about your fishing-related expenditures in 2023. In the table below please indicate how much, if any, was spent on the following items during 2023.*

*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.*

41.

| <u>Cost Category</u>   | <u>2023 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: _____   | \$ _____                          |

42. Some fisher(men) 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 have different fishing experiences and different motivations for fishing.  
The following questions help us to better understand these differences.*

43. What is your gender?

- Male                       Female

44. 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

45. What village do you live in? \_\_\_\_\_

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

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

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

- |  |  |
|--|--|
| <input type="checkbox"/> Guam Fishermen's Cooperative Association (GFCA) | <input type="checkbox"/> Marianas Underwater Fishing Federation (MUFF) |
| <input type="checkbox"/> Guam Organization of Saltwater Anglers (GOSA)   | <input type="checkbox"/> Saipan Fishermen Association (SFA)            |
| <input type="checkbox"/> Marianas Apnea Spearfishing Club (MASC)         | <input type="checkbox"/> Halum Mamati Fishing Club (HMFC)              |
| <input type="checkbox"/> Other, please specify: _____                    | <input type="checkbox"/> None  |

49. 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: \_\_\_\_\_

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

- |   |  |
|---|--|
| <input type="checkbox"/> Guamanian or Chamorro              | <input type="checkbox"/> Carolinian                                    |
| <input type="checkbox"/> Filipino                           | <input type="checkbox"/> Native Hawaiian                               |
| <input type="checkbox"/> White                              | <input type="checkbox"/> Samoan  |
| <input type="checkbox"/> Chinese                            | <input type="checkbox"/> Other Pacific Islander, please specify: _____ |
| <input type="checkbox"/> Japanese                           | <input type="checkbox"/> Asian Indian                                  |
| <input type="checkbox"/> Korean                             | <input type="checkbox"/> American Indian or Alaska Native              |
| <input type="checkbox"/> Vietnamese                         | <input type="checkbox"/> Black or African American                     |
| <input type="checkbox"/> Other Asian, please specify: _____ |  |

51. Are you currently employed?

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

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

53. 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)

54. What was your total household income, before taxes, in 2023, 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?**

55. Given your experience, do you think in the next year more people will be going... (please check one for each)

- | <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  |

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

57. What are the top three (3) species you target ...

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

58. 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"/> |

59. How important are 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 fisher(men) and fishing community (income, culture, etc) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Managers 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"/> |

60. Please state how much you agree or disagree that following management is being done well:

|  | 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 fisher(men) and fishing community (income, culture, etc) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Managers 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"/> |

*Thank you for participating in this survey.*

Please go to next page to provide additional comments



61. 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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**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:**

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

- YES    Email: \_\_\_\_\_
- NO

Paperwork Reduction Act Statement. The National Marine Fisheries Service (NMFS) is collecting this economic information to improve its capability to conduct the analyses required under the Magnuson-Stevens Fishery Conservation and Management Act (MSA), the Endangered Species Act (ESA), and the Marine Mammal Protection Act (MMPA), the National Environmental Policy Act (NEPA), and Regulatory Flexibility Act (RFA), Executive Order 12866, and other applicable law. NMFS and the Regional Fishery Management Councils will use this information to monitor, explain and predict changes in the economic performance and impacts of commercial fisheries. This will increase their ability to meet the requirements for economic analyses and to allow better-informed conservation and management decisions on the use of living marine resources and marine habitat in federally managed fisheries.

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 0648-0755 and its expiration date is XX/XX/2023. 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.

