

= added variables from original data entry

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.

Paperwork Reduction Act Statement. The purpose of this survey is to help us better understand the importance of fishing in the Mariana Archipelago. The information you provide will not be released for public use except in aggregate statistical form without identification as to its source. We will combine your responses with information provided by other participants, and report it in summary form so that responses for any individual vessel cannot be identified. Public reporting burden for this information collection, including time for gathering data needed and completing the survey, is estimated to average 45 minutes per respondent. Please provide comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Justin Hospital, NOAA Fisheries, 1845 Wasp Blvd., Building 176, Honolulu, HI 96814, 808-725-5399, Justin.Hospital@noaa.gov. Notwithstanding any other provision of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless that collection of information displays a currently valid OMB Control Number.

SECTION A. YOUR FISHING EXPERIENCES

1. Approximately how many BOAT fishing trips did you take over the past 12 months? Q1A trips

(if not sure, please provide answer below):

Q1B

- | | |
|---------------------------------------------------------------------------|------------------------------------------------------------------------|
| 1 <input type="checkbox"/> Fewer than 12 trips (once every month or less) | 4 <input type="checkbox"/> 50 – 99 trips (once or twice a week) |
| 2 <input type="checkbox"/> 12 – 24 trips (once every other week) | 5 <input type="checkbox"/> 100 – 200 trips (two to three times a week) |
| 3 <input type="checkbox"/> 25 – 49 trips (once a week) | 6 <input type="checkbox"/> More than 200 trips (four times a week) |

2. In the past 12 months, how many of your BOAT fishing trips were primarily: (please check one for each gear)

	1 None (0%)	2 Very little (1%-9%)	3 Some (10%-39%)	4 About half (40%-59%)	5 Most (60%-89%)	6 Almost (90%-100%)
Q2A Trolling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q2B Deep Water Bottomfish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q2C Shallow Water Bottomfish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q2D Atulai	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q2E Reef Fishing (Spear)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q2F Reef Fishing (Net)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Q2G Other, please specify: <u>Q2H</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q2I = number of different gears used in Q2

3. Approximately how many **NON-BOAT** fishing (shoreline) trips did you take in the past 12 months? Q3A trips

(if not sure, please provide answer below):

Q3B

- | | |
|---------------------------------------------------------------------------|------------------------------------------------------------------------|
| 1 <input type="checkbox"/> Fewer than 12 trips (once every month or less) | 4 <input type="checkbox"/> 50 – 99 trips (once or twice a week) |
| 2 <input type="checkbox"/> 12 – 24 trips (once every other week) | 5 <input type="checkbox"/> 100 – 200 trips (two to three times a week) |
| 3 <input type="checkbox"/> 25 – 49 trips (once a week) | 6 <input type="checkbox"/> More than 200 trips (four times a week) |

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

	1 None (0%)	2 Very little (1%-9%)	3 Some (10%-39%)	4 About half (40%-59%)	5 Most (60%-89%)	6 Almost all (90%-100%)
Pole <u>Q4A</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spear <u>Q4B</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Cast net <u>Q4C</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Surround net <u>Q4D</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gill net <u>Q4E</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rod and reel <u>Q4F</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Gleaning <u>Q4G</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hand line <u>Q4H</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other gear, please specify: <u>Q4I</u> <u>Q4J</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Q4K = number of different non-boat gears used in Q4

5. In the past 12 months, how many of your **BOAT** fishing trips were:

	1 None (0%)	2 Very little (1%-9%)	3 Some (10%-39%)	4 About half (40%-59%)	5 Most (60%-89%)	6 Almost all (90%-100%)
Single day (or night) trips <u>Q5A</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Multiday trips <u>Q5B</u>	<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? Q6 people

7. Do you always fish out of the same boat ramp or harbor? Q7A

1 YES

2 NO → If NO, on average, how many different boat ramps or harbors do you use in a year? Q7B ramps

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

	1 None	2 1-50 pounds	3 51-100 pounds	4 101-250 pounds	5 251-500 pounds	6 500+ pounds (about how much?)
Pelagic fish Q8A	<input type="checkbox"/>	<u>Q8A.1</u>				
Bottomfish Q8B	<input type="checkbox"/>	<u>Q8B.1</u>				
Reef fish Q8C	<input type="checkbox"/>	<u>Q8C.1</u>				

9. In the past 12 months, how many of your fishing trips did you fish at Fish Aggregating Devices (FADs): Q9

1 None (0%)	2 Very little (1%-9%)	3 Some (10%-39%)	4 About half (40%-59%)	5 Most (60%-89%)	6 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

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 Q10A | <input type="checkbox"/> Make at least 25% of personal income from fishing Q10E |
| <input type="checkbox"/> Sell 25% or more of catch Q10B | <input type="checkbox"/> Make at least 50% of personal income from fishing Q10F |
| <input type="checkbox"/> Sell 50% or more of catch Q10C | <input type="checkbox"/> Make <u>all</u> personal income from fishing Q10G |
| <input type="checkbox"/> Sell <u>all</u> catch Q10D | <input type="checkbox"/> Other, please specify: <u>Q10H</u> <u>Q10I</u> (description) |
- Q10J = more than 1 response checked

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

- | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Purely Recreational (I fish only for sport or pleasure) Q11A |
| <input type="checkbox"/> Recreational Expense (I fish primarily for sport or pleasure, but I also sell a few fish to cover trip expenses) Q11B |
| <input type="checkbox"/> Subsistence (I fish primarily to catch fish to feed myself/my family/my community) Q11C |
| <input type="checkbox"/> Cultural (I enjoy fishing, but I am even more concerned about keeping traditional practices alive, such as using traditional fishing gear) Q11D |
| <input type="checkbox"/> Part-time Commercial (Fishing pays some of my bills, but I still have to work at another job) Q11E |
| <input type="checkbox"/> Full-time Commercial (Fishing brings in most or all of the money I make in a year) Q11F |
| <input type="checkbox"/> Other, please specify: <u>Q11G</u> <u>Q11H</u> (description) |
- Q11I = multiple motivations, more than 1 response selected

if numbered,
 1 = primary
 2 = secondary
 3 = third
 4 = fourth
 5 = fifth
 6 = sixth
 7 = seventh
 8 = eighth

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

	1 None (0%)	2 Very little (1%-9%)	3 Some (10%-39%)	4 About half (40%-59%)	5 Most (60%-89%)	6 Almost all (90%-100%)
Roadside vendor Q12A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am an independent fisherman Q12B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

13. In the past 12 months, how many of your fishing trips did you fish as a captain and/or crew?

	1 None (0%)	2 Very little (1%-9%)	3 Some (10%-39%)	4 About half (40%-59%)	5 Most (60%-89%)	6 Almost all (90%-100%)
Captain Q13A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Crew Q13B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

14. In the past 12 months, how were the catch distributed among fisher(men) in a fishing trip?

- I kept all the fish I caught Q14A
- I kept/received _____% of total fish caught
- I kept/received _____% of trip revenue

Don't know/different every time Q14D

Other, please describe: Q14E Q14F (description)

Q14. multiple responses - for those that checked multiple responses for Q14.
1=yes
0=no

15. In the past 12 months, about what percentage of your fishing trips did you sell a portion of your catch? Q15

	1 None (0%)	2 Very little (1%-9%)	3 Some (10%-39%)	4 About half (40%-59%)	5 Most (60%-89%)	6 Almost all (90%-100%)
Sell fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

	1 None (0%)	2 Very little (1%-9%)	3 Some (10%-39%)	4 About half (40%-59%)	5 Most (60%-89%)	6 Almost all (90%-100%)
Sold Q16A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Consumed at home Q16B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Given to family members Q16C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Given to friends/neighbors Q16D	<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 Q16E	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Traded for goods and services Q16F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Caught and released Q16G	<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?

	1 None (0%)	2 Very little (1%-9%)	3 Some (10%-39%)	4 About half (40%-59%)	5 Most (60%-89%)	6 Almost all (90%-100%)
Guam Fishermen's Coop Q17A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Roadside Vendor Q17B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Retail Markets/Stores Q17C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hotels/Restaurants Q17D	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Friends/Neighbors/Coworkers Q17E	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wholesaler Q17F	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other, please specify: Q17G	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Q17H</u>	<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?

Q18A

Pelagic Fish

1 Yes

2 No

3 I don't sell these fish

Q18B

Bottomfish

1 Yes

2 No

3 I don't sell these fish

Q18C

Reef Fish

1 Yes

2 No

3 I don't sell these fish

S

19. If NO in Q18 – why not?

i = yes
o = no

Market is too far Q19A

Catch of non-target species Q19D

The price is not good Q19B

Fish too small/picky buyer Q19E

Market conditions Q19C

Other, please describe Q19F Q19G (description)

20. In the past 12 months, what was the approximate value of all the fish you sold? Q20A

1 \$1 - \$100

4 \$1,001 - \$5,000

2 \$101 - \$500

5 \$5,001 - \$10,000

3 \$501 - \$1,000

6 More than \$10,000 → About how much? \$ Q20B

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

	1 None (0%)	2 Very little (1%-9%)	3 Some (10%-39%)	4 About half (40%-59%)	5 Most (60%-89%)	6 Almost all (90%-100%)
Pelagic Fish Q21A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bottomfish Q21B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reef Fish Q21C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

22. In the past 12 months, after expenses, what percent of your personal income came from the sale of fish? Q22

1 None (0%) <input type="checkbox"/>	2 Very little (1%-9%) <input type="checkbox"/>	3 Some (10%-39%) <input type="checkbox"/>	4 About half (40%-59%) <input type="checkbox"/>	5 Most (60%-89%) <input type="checkbox"/>	6 Almost all (90%-100%) <input type="checkbox"/>
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23. How important is the fish you catch as a source of food for your family? Q23

1 Not at all <input type="checkbox"/>	2 Slightly important <input type="checkbox"/>	3 Moderately important <input type="checkbox"/>	4 Very important <input type="checkbox"/>	5 Extremely important <input type="checkbox"/>
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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? Q24A.

- 1 YES → If YES, what percentage of your time do you fish on your own boat? Q24B % → Go to Q25
2 NO → If NO, do you always fish on the same boat?
 1 YES → Go to Q 32
 2 NO → Go to Q 32

If you own the boat you fish on:

25. What is the length of your boat? Q25 feet

26. What is the horsepower? Q26 hp

27. In what year was the boat built? Q27

28. In the past 12 months, did other people (other than family members) use the boat without you? Q28

1 Never (0%) <input type="checkbox"/>	2 Very little (1%-9%) <input type="checkbox"/>	3 Sometimes (10%-39%) <input type="checkbox"/>	4 About half (40%-59%) <input type="checkbox"/>	5 Usually (60%-89%) <input type="checkbox"/>	6 Almost always (90%-100%) <input type="checkbox"/>
------------------------------------------------	---------------------------------------------------------	---------------------------------------------------------	----------------------------------------------------------	-------------------------------------------------------	--------------------------------------------------------------

29. In what year did you purchase the boat you fish on? Q29
(if homebuilt - when did you complete it?)

30. How much did you pay to purchase the boat you fish on? Q30 \$ _____
(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? Q31
\$ _____

32. What is the current market value, in dollars, of the gear you currently use to fish (not including electronics)? Q32

\$ _____

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)? Q33

\$ _____

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.

34. In the past 12 months, what was the primary gear usage for your most common BOAT fishing trip (please check one)? Q34A

- | | | |
|-----------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 <input type="checkbox"/> Trolling | 4 <input type="checkbox"/> Atulai | 7 <input type="checkbox"/> Reef fishing with nets (boat) |
| 2 <input type="checkbox"/> Deep water bottomfish | 5 <input type="checkbox"/> Spear fishing (boat) | 12 mixed gears |
| 3 <input type="checkbox"/> Shallow water bottomfish | 6 <input type="checkbox"/> Scuba spear | Q34B Q34E
Q34C Q34F = checked multiple gears
Q34D |

35. On average, how did you pay for your fishing trip costs for your most common (question 34) gear type? Q35A

- 1 I paid all trip costs and it costed \$ Q35B per trip
- 2 I paid a fixed amount of \$ Q35C per trip
- 3 I paid Q35D% of the total trip costs per trip
- 4 Other, please describe: Q35E _____

36. On average, what was the total trip costs for your most common (question 34) gear type trip?

Type of Expenditure	Trip Expenditure	What type of fuel?
Boat fuel	\$ Q36A	1 <input type="checkbox"/> gas 2 <input type="checkbox"/> diesel Q36B
Truck fuel (round trip)	\$ Q36C	1 <input type="checkbox"/> gas 2 <input type="checkbox"/> diesel Q36D
Ice	\$ Q36E	
Bait	\$ Q36F	
Food and beverage	\$ Q36G	
Daily maintenance and repair	\$ Q36H	
Other, please specify: Q36J	\$ Q36I	

37. In the past 12 months, what was your second most common gear usage (please check one)? Q37A

- | | | | |
|-----------------------------------------------------|-------------------------------------------------|----------------------------------------------------------|-------------------------------------------------------|
| 1 <input type="checkbox"/> Trolling | 4 <input type="checkbox"/> Atulai | 7 <input type="checkbox"/> Reef fishing with nets (boat) | 10 <input type="checkbox"/> Net fishing (shore) |
| 2 <input type="checkbox"/> Deep water bottomfish | 5 <input type="checkbox"/> Spear fishing (boat) | 8 <input type="checkbox"/> Spear fishing (shore) | 11 <input type="checkbox"/> Gathering by Hand (shore) |
| 3 <input type="checkbox"/> Shallow water bottomfish | 6 <input type="checkbox"/> Scuba spear | 9 <input type="checkbox"/> Rod and reel (shore) | 12 <input type="checkbox"/> mixed gears |

38. On average, how did you pay for your fishing trip costs for your second most common (question 37) gear type? Q38A

- 1 I paid all trip costs and it costed \$ Q38B per trip
- 2 I paid a fixed amount of \$ Q38C per trip
- 3 I paid Q38D% of the total trip costs per trip
- 4 Other, please describe: Q38E

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

Type of Expenditure	Trip Expenditure
Boat fuel	\$ <u>Q39A</u>
Truck fuel (round trip)	\$ <u>Q39C</u>
Ice	\$ <u>Q39E</u>
Bait	\$ <u>Q39F</u>
Food and beverage	\$ <u>Q39G</u>
Daily maintenance and repair	\$ <u>Q39H</u>
Other, please specify: <u>Q39J</u>	\$ <u>Q39I</u>

- | | |
|------------------------------------------------------------------|-------------|
| <u>What type of fuel?</u> | |
| 1 <input type="checkbox"/> gas 2 <input type="checkbox"/> diesel | <u>Q39B</u> |
| 1 <input type="checkbox"/> gas 2 <input type="checkbox"/> diesel | <u>Q39D</u> |

Q37B
Q37C
Q37D
Q37E
Q37F
Q37G
Q37H

= mixed gears

SECTION E. OTHER FISHING EXPENDITURES IN 2017

In an effort to better understand your economic contribution to the Marianas' economy, we would like to ask about your fishing-related expenditures in 2017. In the table below please indicate how much, if any, was spent on the following items during 2017.

**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.**

40.

<u>Cost Category</u>	<u>2017 Expenditure (dollars)</u>
Boat insurance	\$ Q40A
Loan payments	\$ Q40B
Financial services (accounting, taxes)	\$ Q40C
Moorage fees	\$ Q40D
Repair, maintenance, and improvements for vessel, engines, or trailer	\$ Q40E
Oil and lube	\$ Q40F
Gear (lines, lures, gaffs, rods, electric/hydraulic reels, spears, wetsuits, coolers, etc.)	\$ Q40G
Electronics	\$ Q40H
Fees (Registration for truck and trailer, dry dock fees, fishing club dues, coop fees, etc.)	\$ Q40I
Safety Equipment	\$ Q40J
Other, please specify: <u>Q40L (description)</u>	\$ Q40K

41. 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? _____ % Q41

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.

42. What is your gender? Q42

- 1 Male 2 Female

43. What is your age? Q43

- 1 Less than 25 years 3 35 to 44 years 5 55 to 64 years
2 25 to 34 years 4 45 to 54 years 6 more than 64 years

44. What village do you live in? Q44

45. How long have you lived in the Marianas? Q45 years

46. How long have you fished from a boat? Q46 years

47. Are you a member of a fishing club/association/group? (please check all that apply) Q47

1 = yes
0 = no

- Guam Fishermen's Cooperative Association (GFCA) Q47A Marianas Underwater Fishing Federation (MUFF) Q47D
 Guam Organization of Saltwater Anglers (GOSA) Q47B Saipan Fishermen Association (SFA) Q47E
 Marianas Apnea Spearfishing Club (MASC) Q47C Halum Mamati Fishing Club (HMFC) Q47F
 Other, please specify: Q47H Q47I (description) None Q47G

48. Are you of Hispanic, Latino, or of Spanish Origin? Q48A

- 1 No 2 Yes, Mexican, Mexican American, Chicano 3 Yes, Cuban

4 Yes, Puerto Rican 5 Yes, another Hispanic, Latino, or Spanish Origin, please specify: Q48B

49. What is your race? (check all that apply) Q49A.1

- 1 Guamanian or Chamorro
2 Filipino
3 White
4 Chinese
5 Japanese
6 Korean
7 Vietnamese
8 Other Asian, please specify: Q49C

- 9 Carolinian
10 Native Hawaiian
11 Samoan
12 Other Pacific Islander, please specify: Q49B
13 Asian Indian
14 American Indian or Alaska Native
15 Black or African American
16 Other Q49D (description)

Q49A.2
Q49A.3
Q49A.4
} = multiple races

50. Are you currently employed? Q50A

- | | | |
|-----------------------------------------------------------------------------|------------------------------------------------|---------------------------------------|
| 1 <input type="checkbox"/> Employed full-time | 3 <input type="checkbox"/> Student (full-time) | 5 <input type="checkbox"/> Retired |
| 2 <input type="checkbox"/> Employed part-time | 4 <input type="checkbox"/> Student (part-time) | 6 <input type="checkbox"/> Unemployed |
| 7 <input type="checkbox"/> Other, please specify: <u>Q50B (description)</u> | | |

51. How many hours per week do you work for pay (non-fishing)? Q51 hours

52. What is the highest level of education you have completed? Q52

- | | |
|-----------------------------------------------------------------|-----------------------------------------------------------------------|
| 1 <input type="checkbox"/> Less than 9th grade | 5 <input type="checkbox"/> Associates degree or technical school |
| 2 <input type="checkbox"/> Some high school (no diploma) | 6 <input type="checkbox"/> College graduate (bachelor degree) |
| 3 <input type="checkbox"/> High school graduate (including GED) | 7 <input type="checkbox"/> Advanced, professional, or doctoral degree |
| 4 <input type="checkbox"/> Some college (no degree) | |

53. What was your total household income, before taxes, in 2017, including fishing income? Q53

- | | | |
|-------------------------------------------------|-------------------------------------------------|--------------------------------------------------|
| 1 <input type="checkbox"/> Less than \$2,500 | 5 <input type="checkbox"/> \$15,000 to \$24,999 | 9 <input type="checkbox"/> \$50,000 to \$74,999 |
| 2 <input type="checkbox"/> \$2,500 to \$4,999 | 6 <input type="checkbox"/> \$25,000 to \$29,999 | 10 <input type="checkbox"/> \$75,000 to \$99,999 |
| 3 <input type="checkbox"/> \$5,000 to \$9,999 | 7 <input type="checkbox"/> \$30,000 to \$39,999 | 11 <input type="checkbox"/> \$100,000 or more |
| 4 <input type="checkbox"/> \$10,000 to \$14,999 | 8 <input type="checkbox"/> \$40,000 to \$49,999 | |

SECTION G. WHAT DO YOU THINK?

54. In the next year, do you think more people will be involved in... (please check one for each)

- | | | |
|--------------------------------|--------------------------------|--------------------------------|
| <u>Pelagic Fishing</u> | <u>Bottomfish Fishing</u> | <u>Reef Fishing</u> |
| 1 <input type="checkbox"/> Yes | 1 <input type="checkbox"/> Yes | 1 <input type="checkbox"/> Yes |
| 2 <input type="checkbox"/> No | 2 <input type="checkbox"/> No | 2 <input type="checkbox"/> No |

55. Why do you feel this way? Q55

56. What are the top three (3) species you target to sell?

1. Q56A 2. Q56B 3. Q56C

57. What are the top three (3) species you target to give away?

1. Q57A

2. Q57B

3. Q57C

58. Please state how much you agree or disagree with the following statements:

As someone who fishes I am respected by the community. Q58A

Fishing is an important part of who I am. Q58B

Fishing is an important part of my culture Q58C

1 Strongly Disagree	2 Disagree	3 Neutral	4 Agree	5 Strongly Agree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<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?

Rules are followed and enforced Q59A

My voice is included in decision making Q59B

We know how many fish there are Q59C

We know how healthy the reef / other habitats are Q59D

We know about the fisher(men) and fishing community (income, culture, etc) Q59E

We build or maintain fisheries infrastructure (boat ramps, harbors, etc.) Q59F

Other, please specify: Q59G Q59H (description)

1 Not at all Important	2 Slightly Important	3 Moderately Important	4 Very Important	5 Extremely Important
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<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:

Rules are followed and enforced Q60A

My voice is included in decision making Q60B

We know how many fish there are Q60C

We know how healthy the reef / other habitats are Q60D

We know about the fisher(men) and fishing community (income, culture, etc) Q60E

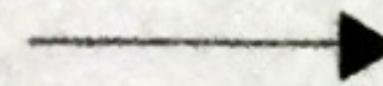
We build or maintain fisheries infrastructure (boat ramps, harbors, etc.) Q60F

Other, please specify: Q60G Q60H (description)

1 Strongly Disagree	2 Disagree	3 Neutral	4 Agree	5 Strongly Agree
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<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



**Do you have any suggestions for how the Marianas' fisheries should be managed
or topics that you feel need further study?
(please write in the space provided)**

Comment

**Would you like to receive a copy of the final report for this study?
(all personal information will be kept strictly confidential) results**

- 1 YES
X NO

Name: name

Address: address

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

- 1 YES Email: email
X NO