

File Name: 156116400-1

American Samoa Small Boat Fishery Cost-Earnings Survey (202X)

Hello, please help us (NOAA) to better understand the importance of small boat fishing in American Samoa. We want to best represent American Samoa fishermen and we can only do that by hearing from as many fishermen as possible. Your details of fishing experiences and expenditures are important to ensure accurate results. 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

Different fishermen in American Samoa had different fishing experiences over 202X-1. Please tell us about yours.

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 → Go to Q3
- I 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):

- 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 or 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 all (90%-100%)
Spearfishing	<input type="checkbox"/>					

Deepwater bottomfish	<input type="checkbox"/>					
Nearshore/shallow bottomfish	<input type="checkbox"/>					
Trolling	<input type="checkbox"/>					
Nets	<input type="checkbox"/>					
Other gear, please specify:	<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):

- 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 or 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%)
Rod and reel (pole)	<input type="checkbox"/>					
Spearfishing	<input type="checkbox"/>					
Cast/throw net	<input type="checkbox"/>					
Other gear, please specify:	<input type="checkbox"/>					

7. In 202X-1, what percent of your fishing time occurred in local and federal jurisdiction?

	None (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)
Local waters (0-3 miles)	<input type="checkbox"/>					
Federal waters (3 miles offshore)	<input type="checkbox"/>					

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

9. In 202X-1, approximately how many total pounds of pelagic fish (such as tunas, wahoo, mahimahi, etc.) did you catch?

- None
- 1 - 50 pounds
- 51 - 100 pounds
- 101 - 500 pounds
- 501 - 1000 pounds
- More than 1000 pounds → About how much? _____ pounds

10. In 202X-1, approximately how many total pounds of deepwater bottomfish (such as red snapper, black trevally, lunartail grouper, etc.) did you catch?

- None
- 1 - 50 pounds
- 51 - 100 pounds
- 101 - 500 pounds
- 501 - 1000 pounds
- More than 1000 pounds → About how much? _____ pounds

11. In 202X-1, approximately how many total pounds of nearshore/shallow bottomfish (such as redgill emperor, blueline snapper, jobfish, etc.) did you catch?

If you did not sell any of your fish in 202X-1, please skip to Question 22.

18. 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%)
Fagatogo Market Place	<input type="checkbox"/>					
Restaurants/stores	<input type="checkbox"/>					
Roadside/farmers' market	<input type="checkbox"/>					
Friends/neighbors/coworkers	<input type="checkbox"/>					
Other, please specify: _____	<input type="checkbox"/>					

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

- | | | |
|--|---|--|
| <input type="checkbox"/> \$1 - \$100 | <input type="checkbox"/> \$1,001 - \$2,000 | <input type="checkbox"/> \$10,001 - \$20,000 |
| <input type="checkbox"/> \$101 - \$500 | <input type="checkbox"/> \$2,001 - \$5,000 | <input type="checkbox"/> \$20,001 - \$50,000 |
| <input type="checkbox"/> \$501 - \$1,000 | <input type="checkbox"/> \$5,001 - \$10,000 | <input type="checkbox"/> More than \$50,000, specify
\$ _____ |

20. In 202X-1, what percent of the value of fish sold (question 19) 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"/>					
Deepwater bottomfish	<input type="checkbox"/>					
Nearshore/shallow bottomfish	<input type="checkbox"/>					
Reef fish	<input type="checkbox"/>					

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

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

SECTION C. YOUR BOAT

In this section, we want to better understand the boat and gear characteristics of the boat based fishery in American Samoa in 202X-1.

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

- Yes → Go to Q23
- No → If NO, did you always fish on the same boat?
- Yes → Go to Q30
- No → Go to Q30

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

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

24. What was the length of your boat? _____ feet

25. What was the total horsepower? _____ hp

26. In what year was that boat built? _____

27. In what year did you purchase the boat you fished on in 202X-1? _____
(If homebuilt – when did you complete it?)

28. How much did you pay to purchase that boat? \$ _____
(If homebuilt – how much did it cost to build it?)

29. In 202X-1, what was the current market value of the **electronics** you used to fish? \$ _____

30. In 202X-1, what was the current market value of the **gear** you used to fish (not including electronics)? \$ _____

If you owned the boat that you fished on:

31. In 202X_1, what was the current market value of that boat? \$ _____
(Considering age and current condition and including motor(s) and trailer, but not including electronics or gear mentioned above)

If you owned the boat that you fished on:

32. Please enter the most recent year in which you made any major improvement 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.*

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

- | | |
|---|--|
| <input type="checkbox"/> Spearfishing | <input type="checkbox"/> Trolling |
| <input type="checkbox"/> Deepwater bottomfish | <input type="checkbox"/> Nets |
| <input type="checkbox"/> Nearshore/shallow bottomfish | <input type="checkbox"/> Other gear, specify _____ |

33a. On average per trip, how much money did you spend on your most common (question 33) type of fishing trip with a BOAT?

<u>Type of Expenditure</u>	<u>Trip Expenditure</u>	<u>Amount</u>
Boat fuel (average for a trip)	\$ _____	_____ gallons
Truck fuel (round-trip)	\$ _____	_____ gallons
Oil (average for a trip)	\$ _____	
Ice	\$ _____	_____ lbs
Bait	\$ _____	_____ case(s)
Food and beverage	\$ _____	
Daily maintenance and repair	\$ _____	
Gear lost	\$ _____	
Other, please specify: _____	\$ _____	

33b. Were the costs in Q33a the total trip costs for all fishermen in a trip, or just the portion you paid?

- Total costs for all fishermen in a trip
- Only the portion I paid, and they were approximately _____ % of the total trip costs

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

- | | |
|---|--|
| <input type="checkbox"/> Spearfishing | <input type="checkbox"/> Trolling |
| <input type="checkbox"/> Deepwater bottomfish | <input type="checkbox"/> Nets |
| <input type="checkbox"/> Nearshore/shallow bottomfish | <input type="checkbox"/> Other gear, specify _____ |

34a. On average per trip, how much money did you spend on your second most common (question 34) type of fishing trip with a BOAT?

<u>Type of Expenditure</u>	<u>Trip Expenditure</u>	<u>Amount</u>
Boat fuel (average for a trip)	\$ _____	_____ gallons
Truck fuel (round-trip)	\$ _____	_____ gallons
Oil (average for a trip)	\$ _____	
Ice	\$ _____	_____ lbs
Bait	\$ _____	_____ case(s)
Food and beverage	\$ _____	
Daily maintenance and repair	\$ _____	
Gear lost	\$ _____	
Other, please specify: _____	\$ _____	

34b. Were the costs in Q34a the total trip costs for all fishermen in a trip, or just the portion you paid?

- Total costs for all fishermen in a trip
- Only the portion I paid, and they were approximately _____ % of the total trip costs

SECTION E. 202X-1 FISHING EXPENDITURES (for boat owner only)

In an effort to better understand your economic contribution to American Samoa's 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.

35. Cost Category	202X-1 Expenditure (dollars)	
Boat insurance	\$ _____	<input type="checkbox"/> per month <input type="checkbox"/> per year
Loan payments	\$ _____	<input type="checkbox"/> per month <input type="checkbox"/> per year
Mooring fees	\$ _____	<input type="checkbox"/> per month <input type="checkbox"/> per year
Gear replacement/repair from wear and tear (lines, lures, gaffs, rods, electric/hydraulic reels, spears, wetsuits, coolers, safety equipment, etc.) The cost of lost gear was reported above as a trip cost.	\$ _____	
Annual boat and trailer repair, maintenance, and improvements (exclude daily expenses)	\$ _____	
Fees (registration for truck and trailer, safety, dry dock fees, etc.)	\$ _____	
Financial service	\$ _____	
Other, please specify:	\$ _____	

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.

36. What is your sex?

- Female
- Male

37. What is your age?

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

38. In what village did you live in 202X-1? _____

39. What is your race and/or ethnicity?

Please select all that apply and circle the relevant race/ethnicity example(s), or specify the appropriate one(s).

- American Indian or Alaska Native** – For example, Navajo, Aztec, Maya, Eskimo, etc. _____
- Asian** – For example, Chinese, Filipino, Vietnamese, Korean, Japanese, etc. _____
- Black or African American** – For example, African American, Jamaican, Haitian, etc. _____
- Hispanic or Latino** – For example, Mexican, Puerto Rican, Guatemalan, etc. _____
- Middle Eastern or North African** – For example, Moroccan, Yemeni, Kurdish, etc. _____
- Native Hawaiian or Pacific Islander** – For example, Native Hawaiian, Samoan, Chamorro, Chuukese, Palauan, etc. _____
- White** – For example, English, German, Irish, Italian, Scottish, etc. _____

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

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

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

- | | |
|---|---|
| <input type="checkbox"/> Less than \$10,000 | <input type="checkbox"/> \$50,000 to \$99,999 |
| <input type="checkbox"/> \$10,000 to \$24,999 | <input type="checkbox"/> \$100,000 to \$249,999 |
| <input type="checkbox"/> \$25,000 to \$49,999 | <input type="checkbox"/> \$250,000 or more |

SECTION G. WHAT DO YOU THINK?

42. 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>
<input type="checkbox"/> Yes
<input type="checkbox"/> No | <u>Deepwater
Bottomfish Fishing</u>
<input type="checkbox"/> Yes
<input type="checkbox"/> No | <u>Nearshore/Shallow
Bottomfish Fishing</u>
<input type="checkbox"/> Yes
<input type="checkbox"/> No | <u>Reef Fishing</u>
<input type="checkbox"/> Yes
<input type="checkbox"/> No |
|---|--|--|--|

43. Why do you feel this way? _____

44. 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?			

45. 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"/>				
Fishing is an important part of who I am	<input type="checkbox"/>				
Fishing is an important part of my culture	<input type="checkbox"/>				

46. How important is each of the following for managing fisheries in American Samoa?

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Rules are followed and enforced	<input type="checkbox"/>				
My voice is included in decision making	<input type="checkbox"/>				
Managers know how many fish there are	<input type="checkbox"/>				
Managers know how healthy the reef / other habitats are	<input type="checkbox"/>				
Managers know about the fishermen and fishing community (income, culture, etc.)	<input type="checkbox"/>				
Local agencies build or maintain fisheries infrastructure (boat ramps, harbors, etc.)	<input type="checkbox"/>				
Other, please specify: _____	<input type="checkbox"/>				

47. 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"/>				
My voice is included in decision making	<input type="checkbox"/>				
Managers know how many fish there are	<input type="checkbox"/>				
Managers know how healthy the reef / other habitats are	<input type="checkbox"/>				
Managers know about the fishermen and fishing	<input type="checkbox"/>				

community (income, culture, etc.)

Local agencies build or maintain fisheries infrastructure (boat ramps, harbors, etc.)

Other, please specify: _____

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

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

- Yes
- No

If YES in Q50, please answer the following questions.

49a. How did you change your fishing activities in 202X?

49b. What were the main reasons you made those changes?

49c. 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 _____%

