File Name: 119214300

## 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 $\qquad$ 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 operatorCaptain (not boat owner)Crew
2. What type of fishing trips did you take in 202X-1?I went fishing using a boat only
$\longrightarrow$ Go to Q3I went fishing sometimes using a boat and sometimes not using a boat
$\longrightarrow \mathrm{Go}$ to Q3I went fishing not using a boat
$\longrightarrow$ Go to Q5
3. Approximately how many BOAT fishing trips did you take in 202X-1? $\qquad$ trips (If not sure, please provide an answer below):
$\square$ Fewer than 12 trips (once every month or less)
$\square$ 12-24 trips (once every other week)
$\square$ 25-49 trips (once a week)
$\square$ 50-99 trips (once or twice a week)
$\square$ 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 | Very little | Some | About half | Most | Almost all |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Spearfishing | $(0 \%)$ | $(1 \%-9 \%)$ | $(10 \%-39 \%)$ | $(40 \%-59 \%)$ | $(60 \%-89 \%)$ | $(90 \%-100 \%)$ |
|  | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |


| Deepwater bottomfish | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Nearshore/shallow bottomfish | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Trolling | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Nets | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Other gear, please specify: | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

5. Approximately how many NON-BOAT fishing (shorelin
(If not sure, please provide an answer below):
$\square$ 0
$\square$ Fewer than 12 trips (once every month or less)
$\square$ 12-24 trips (once every other week)
$\square$ 25-49 trips (once a week)
$\square$ 50-99 trips (once or twice a week)
$\square$ 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 <br> $(0 \%)$ | Very little <br> $(1 \%-9 \%)$ | Some <br> $(10 \%-39 \%)$ | About half <br> $(40 \%-59 \%)$ | Most <br> $(60 \%-89 \%)$ | Almost all <br> $(90 \%-100 \%)$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Rod and reel (pole) | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Spearfishing | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Cast/throw net | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Other gear, please specify: | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

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

| None | Very little | Some <br> $(10 \%-9 \%)$ | About half <br> $(40 \%-59 \%)$ | Most <br> $(60 \%-89 \%)$ | Almost all <br> $(90 \%-100 \%)$ |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Local waters (0-3 miles) | $(0 \%)$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

8. How many people in total, including yourself, were on board for an average BOAT fishing trip? $\qquad$ people
9. In 202X-1, approximately how many total pounds of pelagic fish (such as tunas, wahoo, mahimahi, etc.) did you catch?
$\square$ None
$\square 1-50$ pounds
$\square 51-100$ pounds
$\square$ 101-500 pounds501-1000 poundsMore than 1000 pounds $\longrightarrow$ About how much? $\qquad$ 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?
$\square$ None101-500 pounds
$\square 1-50$ pounds
$\square 51-100$ pounds
$\square 501$ - 1000 pounds
$\square$ More than 1000 pounds $\longrightarrow$ About how much? $\qquad$ 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?101-500 pounds
501-1000 pounds

- 51 - 100 pound

More than 1000 pounds $\longrightarrow$ About how much? $\qquad$ pounds
12. In 202X-1, approximately how many total pounds of reef fish (such as parrotfishes (fuga), surgeonfishes (alogo), unicomfishes (ume), etc.) did you catch?

| $\square$ None | $\square 101-500$ pounds |
| :--- | :--- |
| $\square 1-50$ pounds | $\square 501-1000$ pounds |
| $\square 51-100$ pounds | $\square$ More than 1000 pounds $\longrightarrow \quad$ About how much? ___ pounds |

13. In 202X-1, what percent of your boat fishing trips were sampled by the DMWR creel survey program?

| None | Very little | Some | About half (40\%- | Most | Almost all |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $(0 \%)$ | $(1 \%-9 \%)$ | $(10 \%-39 \%)$ | $59 \%)$ | $(60 \%-89 \%)$ | $(90 \%-100 \%)$ |
| $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

## SECTION B. MARKET PARTICIPATION

14. What was your primary motivation for fishing in 202X-1? (If you had multiple motivations, put 1 as first, 2 as second, and 3 as third)
$\square$ Purely Recreational (I fished only for sport or pleasure)
$\square$ Recreational Expense (I fished primarily for sport or pleasure, but I also sold a few fish to cover trip expenses)
$\square$ Subsistence (I fished primarily to catch fish to feed myself/my family/my community)
$\square$ Cultural (I enjoyed fishing, but I was even more concerned about keeping traditional practices alive, such as using traditional fishing gear)
$\square$ Part-time Commercial (Fishing paid some of my bills, but I still had to work at another job)
$\square$ Full-time Commercial (Fishing brought in most or all of the money I made in 202X-1)
$\square$ Other, please specify: $\qquad$
15. In 202X-1, how was catch/revenue distributed among fishermen in a fishing trip?
$\square$ I kept all the fish I caught (for sale/given away/self-consumption)
$\square$ I kept/received $\qquad$ \% of total fish caught
$\square$ I kept/received $\qquad$ \% of trip revenue
$\square$ Don't know/different every time
$\square$ Other, please describe: $\qquad$
16. In 202X-1, what percent of your catch did you use in each of the following ways?

|  | None <br> $(0 \%)$ | Very little <br> $(1 \%-9 \%)$ | Some <br> $(10 \%-39 \%)$ | About half <br> $(40 \%-59 \%)$ | Most <br> $(60 \%-89 \%)$ | Almost all <br> $(900 \%-100 \%)$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Consumed at home | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Given away | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Caught and released | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Sold | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

17. In 202x-1, did you ever sell any of the fish you caught?
$\square \mathrm{Yes} \longrightarrow \mathrm{Q} 18$
$\square \mathrm{No} \longrightarrow \mathrm{Q} 22$

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 | Very little | Some <br> $(10 \%-39 \%)$ | About half <br> $(40 \%-59 \%)$ | Most <br> $(60 \%-89 \%)$ | Almost all <br> $(90 \%-100 \%)$ |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Fagatogo Market Place | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Restaurants/stores | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Roadside/farmers' market | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Friends/neighbors/coworkers | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Other, please specify | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

19. In 202X-1, what was the approximate value of all the fish you sold?\$1-\$100
$\square$ \$1,001-\$2,000
\$10,001-\$20,000
$\square 101$ - \$500
$\square$ \$2,001 - \$5,000
$\square$ \$20,001 - \$50,000
$\square$ \$501-\$1,000
$\square$ \$5,001 - \$10,000
$\square$ More than $\$ 50,000$, specify
\$ $\qquad$
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 | Very little | Some <br> $(10 \%-39 \%)$ | About half <br> $(40 \%-59 \%)$ | Most <br> $(60 \%-89 \%)$ | Almost all <br> $(90 \%-100 \%)$ |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Pelagic fish | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Deepwater bottomfish | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Nearshore/shallow <br> bottomfish | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Reef fish | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

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

| None | Very little | Some | About half (40\%- | Most | Almost all |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $(0 \%)$ | $(1 \%-9 \%)$ | $(10 \%-39 \%)$ | $59 \%)$ | $(60 \%-89 \%)$ | $(90 \%-100 \%)$ |
| $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

## 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?
$\square$ Yes $\longrightarrow$ Goto Q23
$\square$ No $\longrightarrow$ If NO, did you always fish on the same boat?

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

| None | Very little | Some | About half (40\%- | Most | Almost all |
| :---: | :---: | :---: | :---: | :---: | :---: |
| $(0 \%)$ | $(1 \%-9 \%)$ | $(10 \%-39 \%)$ | $599)$ | $(60 \%-89 \%)$ | $(90 \%-100 \%)$ |
| $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

24. What was the length of your boat? $\qquad$ feet
25. What was the total horsepower? $\qquad$ hp
26. In what year was that boat built? $\qquad$
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? \$ $\qquad$
30. In 202X-1, what was the current market value of the gear you used to fish (not including electronics)? \$ $\qquad$
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 $\qquad$

## 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)
$\square$ Spearfishing
$\square$ Deepwater bottomfish
$\square$ Nearshore/shallow bottomfish
$\square$ Trolling
$\square$ Nets
$\square$ Other gear, specify $\qquad$
33a. On average per trip, how much money did you spend on your most common (question 33) type of fishing trip with a BOAT?

| Type of Expenditure | Trip Expenditure |
| :--- | :--- |
| Boat fuel (average for a trip) | $\$$ |
| Truck fuel (round-trip) | $\$$ |
| Oil (average for a trip) | $\$$ |
| Ice | $\$$ |
| Bait | $\$$ |
| 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?
$\square$ Total costs for all fishermen in a tripOnly the portion I paid, and they were approximately $\qquad$ \% 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)Spearfishing
$\square$ Trolling Deepwater bottomfish
$\square$ Nets
$\square$ Other gear, specify $\qquad$

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?

| Type of Expenditure |
| :--- |
| Boat fuel (average for a trip) |
| Truck fuel (round-trip) |
| Oil (average for a trip) |
| Ice |
| Bait |
| Food and beverage |
| Daily maintenance and repair |
| Gear lost |
| Other, please specify: |


| Trip Expenditure | Amount |
| :---: | :---: |
| \$ | _gallons |
| \$ | _gallons |
| \$ |  |
| \$ | lbs |
| \$ | __case(s) |
| \$ |  |
| \$ |  |
| \$ |  |
| \$ |  |

34b. Were the costs in Q34a the total trip costs for all fishermen in a trip, or just the portion you paid?
$\square$ Total costs for all fishermen in a tripOnly the portion I paid, and they were approximately $\qquad$ \% 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 | \$ | $\square$ per month $\square$ per year |
| :---: | :---: | :---: |
| Loan payments | \$ | $\square$ per month $\square$ per year |
| Mooring fees | \$ | $\square$ per month $\square$ 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 gender?MaleFemale
37. What is your age?
$\square$ Less than 25 years
$\square 25$ to 34 years
$\square 35$ to 44 years
38. In what village did you live in 202X-1? $\qquad$
39. Are you Hispanic or Latino?
$\square$ Yes, Hispanic or Latino
$\square$ No, not Hispanic or Latino
40. How would you describe your race? (Please check all that apply)

| $\square$ Samoan | $\square$ Black or African American |
| :--- | :--- |
| $\square$ American Indian or Alaska Native | $\square$ Native Hawaiian or Other Pacific Islander |
| $\square$ Asian | $\square$ White |

41. What is the highest level of education you have completed?
$\square$ Less than $9^{\text {th }}$ gradeSome high school (no diploma)
$\square$ High school graduate (including GED)
$\square$ Some college (no degree)
$\square$ Associates degree or technical schoolCollege graduate (bachelor degree)Advanced, professional, or doctoral degree
42. What was your total household income, before taxes, in 202X-1, including fishing income?
$\square$ Less than \$10,000
$\square$ \$50,000 to \$99,999
$\square$ \$10,000 to \$24,999
$\square$ \$100,000 to \$249,999
$\square$ \$25,000 to \$49,999
$\square$ \$250,000 or more

## SECTION G. WHAT DO YOU THINK?

43. 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)

| Pelagic Fishing | Deepwater <br> Bottomfish Fishing | $\frac{\text { Nearshore/Shallow }}{\text { Bottomfish Fishing }}$ | $\square$ Reef Fishing |
| :---: | :---: | :---: | :---: |
| $\square$ Yes | $\square$ Yes | $\square$ Yes | $\square$ Yes |
| $\square$ No | $\square$ No | $\square$ No | $\square$ No |

44. Why do you feel this way? $\qquad$
45. 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? |  |  |  |

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

|  | Strongly <br> Disagree | Disagree | Neutral | Agree | Strongly <br> Agree |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| As someone who fishes, I am respected by the community | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |  |
| Fishing is an important part of who I am | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

Fishing is an important part of my culture
47. How important is each of the following for managing fisheries in American Samoa?

| Not at all |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Rules are followed and enforced | Slightly <br> Important | Moderately <br> Important | Very <br> Important |  |  |
| My voice is included in decision making | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Managers know how many fish there are | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Managers know how healthy the reef / other habitats are |  |  |  |  |  |

48. Please state how much you agree or disagree with each of the following statements:

|  | Strongly <br> Disagree | Disagree | Neutral | Agree | Strongly <br> Agree |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Rules are followed and enforced | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| My voice is included in decision making | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Managers know how many fish there are | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Managers know how healthy the reef / other habitats are | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |
| Managers know about the fishermen and fishing <br> community (income, culture, etc.) <br> Local agencies build or maintain fisheries infrastructure <br> (boat ramps, harbors, etc.) <br> Other, please specify: | $\square$ | $\square$ | $\square$ | $\square$ | $\square$ |

49. Do you have any suggestions for how American Samoa's fisheries should be managed or topics that you feel need further study?
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
50. Did you substantially change your fishing activities in 202X?
$\square$ Yes
$\square$ No

If YES in Q50, please answer the following questions.
50a. How did you change your fishing activities in 202X?
$\qquad$
$\qquad$
$\qquad$
$\qquad$

50 b . What were the main reasons you made those changes?
$\qquad$
$\qquad$
$\qquad$
$\qquad$

50c. By how much did each of the following increase or decrease for your vessel(s) in 202 X due to those changes? (Please enter "0" if there was no change)

Landings decreased by ____ OR OR increased by___ $\%$
Fishing revenues decreased by $\qquad$ \% OR increased by $\qquad$ \%

Total operating costs decreased by $\qquad$ \% OR increased by $\qquad$ \%

Crew size decreased by \# $\qquad$ crew OR increased by \# $\qquad$ crew

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

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

Name: $\qquad$ Address: $\qquad$ $\square$ No

Email address: $\qquad$
May we contact you if we have any questions about your survey responses?

Phone: Best time to contact you: Email address: (if not provided above)(Your phone number and email address will be kept strictly confidential)

Paperwork Reduction Act Statement. The PIFSC is collecting this economic information to improve its ability to conduct the analyses required by the Magnuson-Stevens Fishery Conservation and Management Act (MSA) and other applicable law. The PIFSC and the Western Pacific Fishery Management Council will use this information to monitor, explain and predict changes in the economic performance and impacts of the American Samoa small boat fishery. Among other things, this will enable fisheries managers and the public to more fully consider the economic effects of proposed and existing regulations for this important fishery.

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