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. NOAA's National Marine Fisheries Service (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). NMFS will protect individual survey data from public disclosure to the extent permitted by law and it has instituted procedures to provide that protection.

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		25 – 49 trips (once a week)
	Fewer than 12 trips (once every month or less)		50 – 99 trips (once or twice a week)
	12 – 24 trips (once every other 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 (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost (90%-100%)
Trolling						
Deepwater Bottomfish						
Nearshore/Shallow Bottomfish						
Atulai						
Reef Fishing (Spear)						
Reef Fishing (Net) Other, please						
specify:						

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

(if not sure, please provide answer below):

0	25 – 49 trips (once a week)
\Box Fewer than 12 trips (once every month or less)	50 – 99 trips (once or twice a week)
□ 12 – 24 trips (once every other week)	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 (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)
Pole						
Spear						
Cast net						
Surround net						
Gill net						
Rod and reel						
Gleaning						
Hand line						
Other gear, please specify:						

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

		None (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)		
	Single day (or night) trips								
	Multiday trips								
6.	How many people in total, inclu	iding yours	elf, are on boa	rd for an averag	e BOAT fishing	trip?	people		
7.	Do you always fish out of the same boat ramp or harbor?								
	\square NO $ ightarrow$ If NO, on average	ge, how ma	ny different bo	at ramps or harl	bors 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 pounds	51-100 pounds	101-250 pounds	251-500 pounds	500+ pounds (about how much?)
	Pelagic fish							
	Deepwater botto	omfish						
	Nearshore/shall	ow bottomfish						
	Reef fish							
9.	In 2023, during	what percent of	your fishing	g trips did you	fish at/vi sit Fi	sh Aggrega	ating Devices (FADs):
	None (0%)	Very little (1%-9%)		ome %-39%)	About hal (40%-59%		Most (60%-89%)	Almost all (90%-100%)
						,		
9a.	In 2023, pleas (FADs):	e estimate the p	ercentage	of your total f	ishing time tha	at you fishe	d at/around Fig	sh Aggregating Devices
	None (0%)	Very little (1%-9%)		ome %-39%)	About hal (40%-59%		Most (60%-89%)	Almost all (90%-100%)
			(107			")		
		SE		B. MAR	KET PAR	TICIPA	TION	
10.		ferent opinions o be considered a						
	Sell at least of	ne fish	[Make at lea	ast 25% of perso	onal income	from fishing	
	Sell 25% or m	ore of catch	[Make at lea	ast 50% of perso	onal income	from fishing	
	Sell 50% or m	ore of catch	[Make <u>all</u> pe	ersonal income f	rom fishing		
	Sell <u>all</u> catch		[Other, pleas	se specify:			
11.	What is your pri	mary motivation	for fishing	? (if multiple a	pplies to you,	put 1 as pr	imary, 2 as se	condary, and 3 as tertiary)
	_	reational (I fish on					-	
	Recreation	al Expense (I fish	primarily for	sport or pleasu	ure, but I also se	ll a few fish	to cover trip exp	enses)
	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 e gear)	enjoy fishing, but I	am even mo	ore concerned a	about keeping tr	aditional pra	ctices alive, suc	h as using traditional fishing
	Part-time C	ommercial (Fishir	ng pays som	ie of my bills, bi	ut I still have to	work at anol	her job)	
	Full-time C	ommercial (Fishin	ig brings in r	nost or all of th	e money I make	e in a year)		
	Other, pleas	se specify:						-

None Very little About half Almost all Some Most (0%) (1%-9%) (10%-39%) (40%-59%) (60%-89%) (90%-100%) Roadside vendor П П П П П П I am an independent П П П П П П fisherman 13. In 2023, how many of your fishing trips did you fish as a captain and/or crew? About half None Very little Some Most Almost all (0%) (1%-9%) (10% - 39%)(40%-59%) (90%-100%) (60%-89%) Captain П П П П Π Crew П П П 14. In 2023, how were the catch distributed among fisher(men) in a fishing trip? LI kept all the fish I caught (for sale/given away/ Don't know/different every time self-consumption) Other, please describe: I kept/received _% of total fish caught I kept/received _____% of trip revenue 15. In 2023, about what percentage of your fishing trips did you sell a portion of your catch? Very little None Some Most Almost all About half (0%) (1%-9%) (10% - 39%)(40%-59%) (60%-89%) (90%-100%) П П Г **16.** In 2023, what percentage of your catch was: None Very little Some About half Most Almost all (0%) (1%-9%) (10%-39%) (40%-59%) (60%-89%) (90%-100%) П П Sold П П П П П П Consumed at home П \square Given to family members П П П П Given to friends/neighbors Caught for fiestas or other П П П community/cultural events Traded for goods and services П П | | Caught and released П П П П П П

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

If you never sold fish, go to Question 23

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

		None (0%)		Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)
	Guam Fishermen's Coop						
	Roadside Vendor						
	Retail Markets/Stores						
	Hotels/Restaurants						
	Friends/Neighbors/Coworkers						
	Wholesaler						
	Other, please specify:						
			_		_		—
18.	Can you usually sell all of the	fish that	you want to sell?				
	Pelagic Fish	_	ater Bottomfish		e/Shallow Bottomf	ish <u>Ree</u>	ef Fish
	Yes No	_	Yes No	L Ye			Yes No
	I don't sell these fish		don't sell these fish		on't sell these fis	h [I don't sell these fish
19.	If NO in Q18 – why not?						
10.	Market is too far			non-target speci	PC		
	The price is not good			small/picky buye			
	Market conditions		_				
20.	In 2023, what was the approx	imate val	ue of all the fish yo	u sold?			
	\$1 - \$100		\$1,001 - \$5,000				
	\$101 - \$500		\$5,001 - \$10,000				
	\$501 - \$1,000		More than \$10,000	\longrightarrow About ho	ow much? \$		
21.	In 2023, what percent of the <u>v</u> shallow bottomfish, and reef		sh sold (question 20	0) came from th	ne sale of pelagi	c fish, deepw a	ater bottomfish, nearshore/
		None (0%)	Very little (1%-9%) (Some 10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)

	(0%)	(1%-9%)	(10%-39%)	(40%-59%)	(60%-89%)	(90%-100%)
Pelagic Fish						
Deepwater Bottomfish						
Nearshore/Shallow Bottomfish						
Reef Fish						

22.	In 2023, after exper	nses, what percent of	your personal inc	come came from the	e sale of fish?	
	None (0%)	Very little (1%-9%)	Some (10%-39%)	About half (40%-59%)	Most (60%-89%)	Almost all (90%-100%)
23.	How important is the	e fish you catch as a	source of food for	r your family?		
	Not at all	Slightly important	Moderately im	portant Very i	mportant Exi	remely important
						_
		SECT	ION C. VES	SEL AND G	EAR	
	In this section	we want to better u	nderstand the ve	essel and gear ch	aracteristics of	Marianas' fishing
24.	Do you own the boa	at that you fish on?				
	\square YES \rightarrow If YE	ES, what percentage	of your time do yo	ou fish on your own	boat?%	→Go to Q25
	\square NO \rightarrow If NO	O , do you always fish	on the same boa	t?		
		$\square YES \longrightarrow Go$				
		□NO →Go	to Q 32			
~	own the boat your fis What is the length o	sh on: of your boat?	feet			
26.	What is the horsepo	ower? hp				
27.	In what year was th	e boat built?				
28.	In 2023, did other p	eople (other than fam	nily members) use	e the boat without	you?	
	Never (0%)	Very little (1%-9%)	Sometimes (10%-39%)	About half (40%-59%)	Usually (60%-89%)	Almost always (90%-100%)
29.	In what year did you (if homebuilt – when dia	u purchase the boat y d you complete it?)	rou fish on?			
30.		pay to purchase the b ich did it cost to build it?			\$	
31.	What is the current	market value, in dolla	ars, of the electro	nics you currently	use to fish? \$	

32. What is the current market valu (not including electronics)?	ue, in dollars, of the gear you currently	use to fish	
If you own the boat you fish on:		\$	
33. What is the current market value	ue, in dollars, (considering age and curr) and trailer, but <u>not</u> including electronic	ent condition) cs 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	
SEC	CTION D. YOUR FISHING	TRIP COSTS	
Please	We now want to understand what is remember that all your answers are		
35. In 2023, what was the primary	gear usage for your <u>most common</u> BO.	AT fishing trip (please check	one)?
	Atulai	Reef fishing with nets (be	pat)
Deepwater bottomfish	Spear fishing (boat)		,
Nearshore/shallow bottomfish			
□ I paid all trip costs and it co □ I paid a fixed amount of \$ _ □ I paid% of the total □ Other, please describe:	per trip		/pe?
37 . On average, what was the total t	rip costs for your <u>most common</u> (questi	on 35) gear type trip?	
Type of Expenditure	Trip Expenditure	What type of fuel?	<u>Amount</u>
Boat fuel	\$	gas diesel	gallons
Truck fuel (round trip)	\$	gas 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)?

_	ing owater bottomfish rshore/shallow bottomfish	 Atulai Spear fishing (boat) Scuba spear 	 Reef fishing with nets (boat) Spear fishing (shore) Rod and reel (shore) 	Net fishing (shore)Gathering by Hand (shore)		
39. On averaç	ge, how did you pay for you	ur fishing trip costs for your	second most common (question	38) gear type?		
	I paid all trip costs and it co	sted \$ 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?

Type of Expenditure	Trip Expenditure	What ty	pe of fuel?	Amount	
Boat fuel	\$ 	🔲 gas	diesel		_gallons
Truck fuel (round trip)	\$ 	🔲 gas	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. <u>Remember that all your answers are strictly confidential.</u>

41.

Cost Category	2023 Expenditure (dollars)
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

	eriences and different motivations for fishing. better understand these differences.
43 . What is your gender? □ Male □ Female	
	to 64 years re 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?y	ears
 48. Are you a member of a fishing club/association/group? (pl Guam Fishermen's Cooperative Association (GFCA) Guam Organization of Saltwater Anglers (GOSA) Marianas Apnea Spearfishing Club (MASC) Other, please specify:	ease check <u>all</u> that apply) Marianas Underwater Fishing Federation (MUFF) Saipan Fishermen Association (SFA) Halum Mamati Fishing Club (HMFC) None
49. Are you of Hispanic, Latino, or of Spanish Origin?	
No Yes, Mexican, Mexican America Yes, Puerto Rican Yes, another Hispanic, Latino, or	In, Chicano La Yes, Cuban
50. What is your race? (check all that apply)	
Guamanian or Chamorro	Carolinian
E Filipino	Native Hawaiian
White	Samoan
Chinese	Other Pacific Islander, please specify:
	Asian Indian
L Korean	American Indian or Alaska Native
	Black or African American
Uther 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	c for pay (non-fishing)?	hours
53. What is the highest level of education	you have completed?	
Less than 9th grade	Associate	s degree or technical school
Some high school (no diploma)	College g	aduate (bachelor degree)
High school graduate (including GEI	D) Advanced	, professional, or doctoral degree
Some college (no degree)		
ΓΛ		
54. What was your total household incom		
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 1	
GEORION	0. WHAT DO 100 1	
55. Given your experience, do you think i	n the next year more people wil	l be going (please check <u>one</u> for each)
Pelagic Fishing Deep	water <u>Nearshor</u>	e/Shallow Reef Fishing
	sh Fishing Bottomfis 'es \rightarrow Y	
No No	lo 🗌 N	o 🗌 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.					
Fishing is an important part of who I am.					
Fishing is an important part of my culture					

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					
My voice is included in decision making					
Managers know how many fish there are					
Managers know how healthy the reef / other habitats are					
Managers know about the fisher(men) and fishing community (income,					
culture, etc)	_	_	_	_	_
Managers build or maintain fisheries infrastructure (boat ramps, harbors, etc	c.) 🔲				
Other, please specify:					

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

	Strongly				Strongly
	Disagree	Disagree	Neutral	Agree	Agree
Rules are followed and enforced					
My voice is included in decision making					
Managers know how many fish there are					
Managers know how healthy the reef / other habitats are					
Managers know about the fisher(men) and fishing community (income,					
culture, etc)					
Managers build or maintain fisheries infrastructure (boat ramps, harbors, e	tc.) 🔲				
Other, please specify:					

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?

Would you like to receive a copy of the final report for this study? (all personal information will be kept <u>strictly confidential</u>)
Name:
Address:
May we contact you if we have any questions about your survey responses?
YES Email: NO

Paperwork Reduction Act Statement. NOAA's National Marine Fisheries Service (NMFS) 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. 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. Among other things, this will enable fisheries managers and the public to more fully consider the economic effects of proposed and existing regulations for 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 0648-0773 and its expiration data 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.