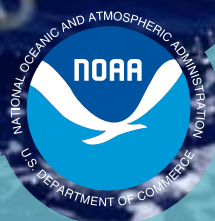


# Saltwater Recreational Fishing Attitudes and Preferences Survey

HAWAII



**NOAA**  
**FISHERIES**  
Pacific Islands Region

The National Marine Fisheries Service (NMFS) is conducting a survey about **saltwater** recreational fishing and recreational fisheries management.

NMFS is the federal agency responsible for the stewardship of marine fishery resources and their habitat, and works together with state agencies to manage fish stocks so that anglers have quality opportunities to participate in recreational fishing. NMFS is conducting this survey to improve our understanding of anglers' expectations and how they may be changing with fishing conditions. Responses to this survey will provide a basis for more informed decision-making for fisheries managers and to determine recreational anglers' preferred management approaches.

Your responses are strictly confidential and will not be associated with your personal identity.

We are interested in hearing from Hawaii's non-commercial fishermen. In this survey, "non-commercial fishing" means fishing that is not conducted for profit, but for sport, pleasure, subsistence, cultural or traditional reasons. We understand that many people who consider themselves non-commercial fishermen also hold a Commercial Marine License and/or sell some fish to offset expenses.

This first section asks about your fishing activities and how you view yourself as a fisherman.  
Please check one box unless directed otherwise.

**1. Are you a part-time or full-time resident of Hawaii?**

- Part-time
- Full-time
- Not a resident (*please proceed to Question 33*)

**2. On which island do you live?**

- Hawaii Island
- Maui
- Lanai
- Molokai
- Oahu
- Kauai

**3. Please indicate which of the following primarily motivates you to go fishing. (*choose one*)**

- Purely recreational (only for sport or pleasure)
- Subsistence (primarily to catch fish to feed myself / my family)
- Cultural (I enjoy fishing, but I am even more concerned about keeping traditional practices alive, such as using traditional methods and sharing fish with the community)
- Expense (primarily recreational or subsistence but I also sell some catch to recover trip expenses)
- I consider myself a commercial fisherman (more than half of my income comes from fishing)

**4. Do you possess a current Commercial Marine License from the State of Hawaii?**

- Yes
- No

**5. How many years have you been saltwater non-commercial fishing?**

\_\_\_\_\_Years

**6. How many of these years have been in Hawaii?**

\_\_\_\_\_Years

**7. During the past year about how many days per month did you spend saltwater non-commercial fishing in Hawaii during:**

- a. December-February         (days/month on average)
- b. March-May         (days/month on average)
- c. June-August         (days/month on average)
- d. September-November         (days/month on average)

**8. During the past 12 months...**

	Shore (Beach, pier or bridge)	For-hire (Charter, party, or guide boats)	Private boat
Most of my fishing trips were taken from... (check only one)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I took at least one fishing trip from... (check all that apply)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**9. Did you fish from any of the following during the past 12 months?**

	YES	NO
a. Shore (beach, pier, or bridge)	<input type="checkbox"/>	<input type="checkbox"/>
b. For-hire (charter boat, party fishing boat)	<input type="checkbox"/>	<input type="checkbox"/>
c. Private motor boat (trailered or moored)	<input type="checkbox"/>	<input type="checkbox"/>
d. Private sail boat	<input type="checkbox"/>	<input type="checkbox"/>
e. Personal watercraft ("jet-ski")	<input type="checkbox"/>	<input type="checkbox"/>
f. Unpowered craft (kayak, canoe, stand up paddleboard, etc.)	<input type="checkbox"/>	<input type="checkbox"/>
g. Other (please specify) _____		

**10. If you fished from a boat during the past 12 months, was most of your fishing?**

- Three miles or less from shore (State waters)
- More than three miles from shore (Federal waters)
- About equal in State and Federal waters
- I did not fish from a boat within the past 12 months

**11. On a scale from one to five, with one being Never, how frequently do you engage in each of the following types of fishing in a typical year?**

	(1) Never	(2) On a few trips	(3) About half of my trips	(4) On most trips	(5) Always
a. Offshore trolling (for tunas, mahimahi, ono, billfish, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Tuna hand-lining	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Deep bottom-fishing (for opakapaka, onaga, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Shallow bottom-fishing (for moana, ulua, weke-ula, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Reef trolling (for papio, barracudas, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. SCUBA spearfishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Free-dive spearfishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Whipping / Casting (rod and reel or pole and line)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Trapping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Netting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**12. How often do you engage in multiple types of fishing (see Question 11) on a single trip?**

- Never
- On a few trips
- About half of my trips
- On most trips
- Always

**13. On a scale from one to five, with one being never, how frequently did you fish around or near the following areas during the past 12 months?**

	(1) Never	(2) On a few trips	(3) About half of my trips	(4) On most trips	(5) Always
a. Hawaii Island	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Maui	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Lanai	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Molokai	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Kahoolawe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Oahu	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Kauai	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Niihau	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Penguin Banks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Other (please specify) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**14. In no particular order, what species do you frequently target when you fish in saltwater from...**

- a. a boat: \_\_\_\_\_
- b. shore: \_\_\_\_\_

**15. Would you say the amount of fishing you have done in the past 12 months has been less, more, or about the same as in the past two years?**

- Less
- More
- About the same (*please proceed to Question 17*)

**16. If the amount of fishing you have been able to do this year was different than in the previous two years, please indicate the top THREE most important reasons for this.**

- |  |   |
|--|---|
| a. Availability of leisure time          |   |
| b. Personal finances                     |   |
| c. Fishing trip costs                    | <input type="checkbox"/> Most important |
| d. Change of residence                   |   |
| e. Non-commercial fishing regulations    | <input type="checkbox"/> Second most    |
| f. Health/condition of the fishery       |   |
| g. Area closures                         | <input type="checkbox"/> Third most     |
| h. Shoreline access issues               |   |
| i. Other ( <i>please specify</i> ) _____ |   |

**17. Do you think the amount of fishing you will do in the next 12 months might be less, more, or about the same as in the past two years?**

- Less
- More
- About the same

**18. Do you use the following sources to obtain information about fishing and other marine related activities and issues?**

	YES	NO
a. Friends and family	<input type="checkbox"/>	<input type="checkbox"/>
b. Radio	<input type="checkbox"/>	<input type="checkbox"/>
c. Social media	<input type="checkbox"/>	<input type="checkbox"/>
d. Organization newsletter/email	<input type="checkbox"/>	<input type="checkbox"/>
e. Television	<input type="checkbox"/>	<input type="checkbox"/>
f. Newspapers/magazines	<input type="checkbox"/>	<input type="checkbox"/>
g. Fishing websites/blogs	<input type="checkbox"/>	<input type="checkbox"/>
h. Federal/state websites	<input type="checkbox"/>	<input type="checkbox"/>
i. Other ( <i>please specify</i> ) _____		

For questions or comments please send an email to [edward.glazier@noaa.gov](mailto:edward.glazier@noaa.gov).

These next questions ask your opinions and perspectives about various aspects of fisheries, fisheries management, fishing quality, and the marine environment here in Hawaii.

19. On a scale of one to five, with one being Poor, how would you rate the current condition (or health) of each of the following fisheries in Hawaii?

	(1) Poor	(2) Fair	(3) Good	(4) Very good	(5) Excellent	I am unsure
a. Nearshore/coral reef fisheries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Bottomfish fisheries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Offshore fisheries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Shellfish/crab/lobster fisheries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Overall condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

20. On a scale from one to five, with one indicating Substantial Decline, what is your feeling about the condition of fisheries in Hawaii?

	(1) Declining substantially	(2) Declining	(3) Staying the same	(4) Improving	(5) Improving substantially	I am unsure
a. Nearshore/coral reef fisheries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Bottomfish fisheries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Offshore fisheries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Shellfish/crab/lobster fisheries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

21. Please think about your Hawaii fishing trips conducted in the last year. On a scale of one to five, with one indicating the option least important to you, please indicate how important each catch option is to you.

	(1) Not important at all	(2) Somewhat unimportant	(3) Neutral	(4) Somewhat important	(5) Extremely important
a. Catching enough fish for home/personal consumption	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Catch-and-release as many fish possible	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Catching enough fish to be able to share with friends and family	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Catching large fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Catching a trophy sized fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Catching particular species of fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Catching the bag limit of the species you were targeting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Catching a mix of different kinds of fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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**22. Below are some reasons people go fishing in Hawaii.  
Which are the THREE most important to you?**

- a. Fishing for fun
- b. Fishing for food  Most important
- c. Fishing for large fish
- d. Spending time on or near the ocean  Second most
- e. Spending time with family or friends
- f. Teaching others about fishing  Third most
- g. Developing personal fishing skills
- h.  Other (*please specify*) \_\_\_\_\_

**23. If you practice some catch and release do you ....**

- |  | <i>Never</i>             | <i>Sometimes</i>         | <i>Always</i>            |
|--|--------------------------|--------------------------|--------------------------|
| a. Release the fish that are "too big"?                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| b. Release fish that are "too small"?                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| c. Release fish when I am participating in tagging programs?   | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| d. Release fish when I have caught enough fish for the day?    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| e. Catching a trophy sized fish                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| f. Other ( <i>please specify</i> ) _____                       |                          |                          |                          |
| g. <input type="checkbox"/> I never practice catch and release |                          |                          |                          |



**24. On a scale from one to four, with one indicating your least preference, please indicate your preference for each management strategy listed below as a way to sustain productive non-commercial fisheries in Hawaii.**

	(1) Do not prefer at all	(2) Slightly prefer	(3) Somewhat prefer	(4) Strongly prefer	I am unsure
a. Establish minimum size limits of the fish you can keep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Establish maximum size limits of the fish you can keep	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Bag limits for certain species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Seasonal closures for certain species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Manage some species as catch-and-release only	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Establish longer seasons with more restrictive bag limits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Establish shorter seasons with less restrictive bag limits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Establish shorter seasons with a larger variety of species you can legally catch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Increase the recreational harvest limit by decreasing the commercial harvest limit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Require the use of release techniques that reduce fish mortality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Protect and restore fish habitat that has been degraded	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Designate some areas of the ocean as marine reserves with catch-and-release fishing only	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Area closures for certain species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Area closures where no fishing is allowed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Areas that are closed and opened periodically	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Establish a Hawaii resident non-commercial saltwater fishing license	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. Establish a non-resident non-commercial saltwater fishing license	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r. Provide more Fish Aggregation Devices for offshore fishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
s. Reduce the number of Fish Aggregation Devices for offshore fishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t. Closures for commercial fisheries but with non-commercial (e.g., subsistence) allowances	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
u. Restrictions on certain types of fishing					
• Gill/Lay Nets	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Scuba spearfishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Aquarium fish collecting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
• Other ( <i>please specify</i> ) _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
v. Decrease current commercial harvest limits	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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**25. On a scale of one to five, with one indicating the option least important to you, please indicate how important you believe each objective is for fisheries management.**

	(1) Not important at all	(2) Somewhat unimportant	(3) Neutral	(4) Somewhat important	(5) Extremely important
a. Ensure that large quantities of fish are available to catch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Ensure that many different fish species are available to catch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Ensure that adequate numbers of large fish are available to catch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Ensure that adequate numbers of trophy-sized fish are available to catch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Reduce the mortality associated with released fish	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Ensure that future generations will have high quality fishing opportunities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Restore depleted fish stocks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Protect marine biodiversity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Protect threatened or endangered marine species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Achieve consistency between state and federal fishing regulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Make fishing regulations easier to understand	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Monitor and enforce recreational fishing regulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Ensure equal consideration for non-commercial and commercial fisheries stakeholders in policy-making	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Ensure access to high quality fishing areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Ensure that fishing sites are not heavily congested	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p. Ensure adequate fishing infrastructure (ramps, docks, wash down, bathrooms, parking, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
q. Ensure that adequate amounts of fish are allowed to mature and spawn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**26. On a scale of one to five, with one being the least satisfied, please indicate how satisfied you are that recreational fisheries management is adequately addressing each item below.**

	(1) Not satisfied at all	(2) Somewhat dissatisfied	(3) Neutral	(4) Somewhat satisfied	(5) Extremely satisfied
a. Managing fish stocks to provide high quality fishing opportunities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Restoring fish stocks that have been depleted	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Adjust regulations in a timely manner to address changing conditions of the fishery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Using management strategies that minimize costs to anglers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Ensure that the annual harvest limit provides enough fish for recreational fisheries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Ensuring that state and federal regulations are consistent	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Monitoring and enforcing recreational fishing regulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Using high quality data and assessments in policy-making	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Incorporating stakeholder interests in policy-making	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Protecting fish or shellfish species that are declining	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Protecting marine habitats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Addressing conflicts between anglers and marine mammals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**27. On a scale of one to four, with one being None, please indicate how much you believe each of the following influences fisheries management and policy.**

	(1) None	(2) A little	(3) Some	(4) A lot	I am unsure
a. General public opinion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. The opinions of non-commercial fishermen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. The opinions of commercial fishermen	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Non-commercial (recreational) fishing organizations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Elected state leaders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Elected federal leaders	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Environmental groups	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Best available science	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Other (please <i>specify</i> ) _____					

**28. On a scale from one to four, with one indicating no threat at all, how much threat do you feel each of the following factors poses to Hawaii's marine environment?**

	(1) Not a threat at all	(2) Not a very severe threat	(3) Moderate threat	(4) Severe threat	I am unsure
a. Industrial pollution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Run-off/sedimentation (from roads, land, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Climate change	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Ocean acidification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Sedimentation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Shipping	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Overfishing in commercial fisheries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Overfishing in non-commercial fisheries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Impacts from non-native species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Aquaculture	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Alternative energy (e.g. wave or wind) development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Coastal building and development	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m. Algal blooms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n. Marine habitat loss or degradation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o. Other (please <i>specify</i> ) _____					

**29. How often do you fish to supply food for luaus, ceremonies, or special community and family events?**

- Never
- Rarely
- Sometimes
- Often
- Always

**30. When you catch fish, how often do you share some of your catch with family and/or friends?**

- Never
- Rarely
- Sometimes
- Often
- Always

**31. Are the fish you catch an important part of your regular diet?**

- Not at all important
- A little important
- Somewhat important
- Very important
- Extremely important

**32. In the past twelve months, have you sold any fish you caught?**

- Yes
- No

Finally, we'd like to ask you a few demographic questions. These will help us to better interpret the results of the survey and understand the perspectives of different groups of respondents.

**33. Are you male or female?**

- Male
- Female

**34. In what year were you born?**

\_\_\_\_ Year

**35. Do you or anyone in your household make a living part-time or full-time from work directly associated with commercial or non-commercial fishing?**

- Yes
- No

**36. On a scale of one to five, with one being the least concerned, how concerned are you that fisheries management decisions will directly impact your family?**

- a. Economically
- b. Socially
- c. Culturally

- |  |                                 |                          |                          |                          |                                |
|--|---------------------------------|--------------------------|--------------------------|--------------------------|--------------------------------|
|  | <i>(1) Not at all concerned</i> | <i>(2) Very little</i>   | <i>(3) Somewhat</i>      | <i>(4) Very</i>          | <i>(5) Extremely concerned</i> |
|  | <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"/>       |

37. In the past 12 months, how many hours per week did you typically work for pay?

38. Which of the following categories best describes your household's total annual income before taxes in 2012?

- |   |  |
|---|--|
| <input type="checkbox"/> Less than \$20,000 | <input type="checkbox"/> \$80,000-\$99,999   |
| <input type="checkbox"/> \$20,000-\$39,999  | <input type="checkbox"/> \$100,000-\$149,999 |
| <input type="checkbox"/> \$40,000-\$59,999  | <input type="checkbox"/> \$150,000-\$199,999 |
| <input type="checkbox"/> \$60,000-\$79,999  | <input type="checkbox"/> \$200,000 or more   |

39. What is your ethnicity?

- Hispanic or Latino
- Not Hispanic or Latino

40. What is your race? (please mark all that apply)

- American Indian or Alaskan Native
- Black or African American
- Chinese
- Filipino
- Japanese
- Native Hawaiian
- White
- Other Asian: \_\_\_\_\_
- Other Pacific Islander: \_\_\_\_\_
- Other: \_\_\_\_\_

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

- 12th grade or less
- High school graduate or GED
- Associate or technical school degree or college coursework
- Bachelor's degree (ex: BA or BS)
- Advanced, professional, or doctoral degree or coursework





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