

## Red Snapper IFQ Participant Survey

Public reporting burden for this collection of information is estimated to average one hour per response including the time for reviewing the instructions, searching the existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspects of this burden to Bob Walker, National Marine Fisheries Service, 75 Virginia Beach Drive, Miami, Florida 33149. Comments on the content of the survey should be addressed to Dr. Walter Keithly Center Natural Resource Economics & Policy, Department of Agricultural Economics, 242A Agricultural Administration Building, Louisiana State University Baton Rouge, LA 70803-5604.

This reporting is required under and is authorized under 50 CFR 622.5(a) (1) (v). Information submitted will be treated as confidential in accordance with NOAA Administrative Order 216-100. Notwithstanding any other provision of the law, no person is required to respond to, nor shall any person be subject to a penalty for failure to comply with, a collection of information subject to the requirements of the Paperwork Reduction Act, unless that collection displays a currently valid OMB Control Number. The NMFS requires this information for the 5-year review of the Gulf of Mexico red snapper IFQ Program. These data will be used to assess the socio-economic performance of the IFQ program.

Participation in this survey is voluntary, and you do not need to answer any questions you do not wish to answer

### **Section 1: Background Information**

- 1) You have been identified as being the registered owner of a **XXX** share of the red snapper IFQ as of December 31, 2010.

What would you estimate the current market value of this share to be? \$\_\_\_\_\_ market value

- 2) How many years of commercial fishing experience do you have? \_\_\_\_\_ years
- 3) How long have you lived in your community? \_\_\_\_\_ years
- 4) What was your relationship to the red snapper fishery prior to the introduction of the red snapper IFQ program?
- Class 1 license holder    Class 2 license holder    Other: \_\_\_\_\_
- 5) Which area of the Gulf has accounted for the largest portion of your red snapper harvest since implementation of the red snapper IFQ program?
- Eastern Gulf    Northern Gulf    Western Gulf

### **Section 2: Attitudes and Perceptions Concerning the Red Snapper IFQ Program**

- 6) Did you support THE INTRODUCTION of the red snapper IFQ program in 2006?
- Yes    No    Undecided/Not applicable
- 7) Do you support the red snapper IFQ program NOW?
- Yes    No    Undecided

8) Overall, how satisfied are you with the red snapper IFQ program?

highly satisfied	satisfied	neutral	dissatisfied	highly dissatisfied	no opinion
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

What do you consider to be the most positive impacts of the red snapper IFQ program on your fishing operations when you compare it to the pre-IFQ fishery?

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What do you consider to be the most negative impacts of the red snapper IFQ program on your fishing operations compared to the pre-IFQ fishery?

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9) For each potential IFQ outcome below, please indicate your opinion by checking the appropriate box:

The red snapper IFQ program:	<u>Strongly Agree</u>	<u>Agree</u>	<u>Neutral</u>	<u>Disagree</u>	<u>Strongly Disagree</u>	<u>No Opinion</u>
Improved my financial condition	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduced derby fishing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Resulted in better on-the-water handling of harvested product	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased red snapper prices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduced the variability in red snapper prices	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased my ability to target the size desired in market	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduced operating expenses for harvesting red snapper	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduced the amount of capital used in the fishery (i.e., vessels and gear)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduced the loss of gear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Decreased crowding on fishing grounds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Increased the discarding of legal sized red snapper (13 inches)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Reduced incidental catch of non-targeted species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Improved safety at sea	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Increased consolidation in the fishery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Made it harder for people to enter the fishery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Made crew members better off compared to the non-IFQs fishery	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Improved compliance with regulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Section 3: Socioeconomic Assessment of the Red Snapper IFQ program.**

10) Have you made any major investments (or disinvestments) in capital (i.e., vessels and harvesting equipment) since the implementation of the red snapper IFQ program that you would consider to be the result of the program?  Yes  No

If Yes, please specify the following information:

Item:	Pre-IFQ Quantity	Post-IFQ Quantity	Purchased Price (investment)	Sales Price (disinvestment)
Number of Vessel(s)				
Engine(s)				
Fishing gear				
Electronics				
Other				

If you indicated that you made changes in capital investment, please briefly elaborate as to why you made these changes:

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11) What was the average number of crew members per trip (excluding captain):

Pre-IFQ \_\_\_\_\_

Post-IFQ \_\_\_\_\_

12) Please circle the number on the scale below that best indicates your crew experiences PRE- and POST-IFQ IMPLEMENTATION. If none apply, check the N/A box.

Ability to Maintain Skilled Crew

	Least Stable										Most Stable	N/A
Pre-IFQ	1	2	3	4	5	6	7	8	9	10	<input type="checkbox"/>	

Post-IFQ	1	2	3	4	5	6	7	8	9	10	<input type="checkbox"/>
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Ability to Find Skilled Replacement Crew

	Hard to Replace										Easy to Replace	N/A
Pre-IFQ	1	2	3	4	5	6	7	8	9	10	<input type="checkbox"/>	

Post-IFQ	1	2	3	4	5	6	7	8	9	10	<input type="checkbox"/>
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13) Which of the following best describes how the vessel owner, captain and crew were paid to harvest red snapper both before and after the implementation of the IFQ program? Please check the box that best applies in each column and then fill in the information about the distribution of payments for the indicated arrangement. (NOTE: Completer only the last column if you did not fish for red snapper prior to implementation of the IFQ program).

<u>Vessel owner, captain and crew were paid according to a:</u>	<u>Before implementation of the IFQ program</u>	<u>After implementation of the IFQ program</u>
Share of total revenues without any deductions	<input type="checkbox"/>	<input type="checkbox"/>
Share of total revenues, less a charge for IFQ value	N/A	<input type="checkbox"/>
Share of total revenues, less the following trip expenses ( <b>please circle</b> ) – fuel, bait, food, vessel repairs, direct vessel owner payment, other	<input type="checkbox"/>	<input type="checkbox"/>
Share of total revenue, less a charge of IFQ value and less the following trip expenses ( <b>please circle</b> ) – fuel, bait, insurance costs, food, vessel repairs, direct vessel owner payment, other	N/A	<input type="checkbox"/>

- Flat rate per day, trip, or season
- Other (please explain)

For the **BEFORE** implementation payment arrangement checked above, the distribution of payments was approximately

Vessel Owner \_\_\_\_\_% Captain \_\_\_\_\_% Crew \_\_\_\_\_%

For the **AFTER** implementation payment arrangement checked above, the distribution of payments was approximately

Vessel Owner \_\_\_\_\_% Captain \_\_\_\_\_% Crew \_\_\_\_\_%

14) Please check the boxes that best describe how you were paid for your fished IFQ shares.

- Included in the payment you received as captain
- Included in payment you received as vessel owner(s)
- Paid out of total earnings, before any deductions
- Paid out of total earnings , after some deductions
- Other \_\_\_\_\_

15) Describe the main expenses per trip for a TYPICAL trip in which you harvested red snapper.

	2006 Pre-IFQ	2010 Post-IFQ
Trip length (days)		
Total revenues (\$/trip)		
Red snapper (lbs/trip)		
Revenues from red snapper (\$/trip)		
Other reef fish species (lbs/trip)		
Revenues from other reef fish species ((4		
Other species (lbs/trip)		
Revenues from other species (\$/trip)		
Total operating costs (\$/trip)		
Fuel expenses (\$/trip)		
Fuel quantity (gallons/trip)		
Bait costs (\$/trip)		
Provisions (\$/trip)		

Miscellaneous costs (\$/trip)		
Crew payment (\$/trip)		
Number of crew (excluding captain)		
IFQ allocation	N/A	

16) If you have leased red snapper allocation **TO** another person(s) or entity during the first four years of the IFQ program, please indicate your reason(s) for doing so (please check all that apply).

- I received a higher return from LEASING all/some of my allocation than from fishing it.
- While I may have received a lower return from LEASING all/some of my allocation than I would have received from fishing it, I LEASED all/some of my allocation as a means of reducing the amount of financial uncertainty associated with fishing it
- Illness, breakdowns, etc prevented me from fishing all/some of my allocation, so instead I LEASED all/some of my allocation
- A relatively small contribution to my operations is from my red snapper allocation and thus the impact from LEASING all/some of the allocation is minor
- The availability and size of my vessel(s) is insufficient to allow for the orderly harvest of all my allocation (therefore, I LEASED all/some of it).
- The availability of captains and/or crew is insufficient to allow for the orderly harvest of all my allocation (therefore, I LEASED all/some of it).
- Other (please elaborate) \_\_\_\_\_  
\_\_\_\_\_
- Not applicable since I have not leased **TO** another person or entity since the implementation of the program

**Please indicate the LEASING arrangement between you and the lessee.**

- I LEASED all/some of my allocation for an average of \$\_\_\_\_\_ per pound with no other arrangements/restrictions being placed on the allocation that I leased.
- I LEASED all/some of my allocation for an average of \$ \_\_\_\_\_per pound with an arrangement that the lessee deliver the catch to specified dealer; Please elaborate on the arrangement  
\_\_\_\_\_  
\_\_\_\_\_
- I LEASED all/some of my allocation for \$\_\_\_\_\_ per pound with other arrangements; Please elaborate on these arrangements \_\_\_\_\_  
\_\_\_\_\_

17) If you have leased allocation **FROM** another IFQ shareholder during the first four years of the IFQ program, please identify the primary reasons for leasing (purchasing) that allocation (check all that apply).

- I do not have the financial resources at this time to purchase additional IFQ (permanent) shares
- I only need additional allocation for a relatively short period of time (e.g., a single fishing year)
- I am of the belief that buying allocation on an annual basis will be less expensive than purchasing an equivalent amount of additional (permanent) shares
- Purchasing annual allocation provides greater flexibility than owning IFQ (permanent) shares
- I consider buying additional IFQ (permanent) share as too risky due to any of the following (please circle) – uncertainty over the future price of red snapper, uncertainty over the poundage of the allocation due to changes in the stock assessment, uncertainty over future operating costs (e.g., fuel, bait, etc.), other uncertainty \_\_\_\_\_
- I bought allocation to give to other fishermen for their own use
- Other \_\_\_\_\_
- Not applicable since I have not leased **FROM** a shareholder since the implementation of the program

**Please indicate the LEASING arrangement between you and the lessor.**

- I LEASED all/some of my allocation for an average of \$\_\_\_\_\_ per pound with no other arrangements/restrictions being placed on the allocation that I leased FROM the lessor;
- I LEASED all/some of my allocation for an average of \$ \_\_\_\_\_per pound with an arrangement that I deliver my catch to specified dealer; Please elaborate on the arrangement:  
 \_\_\_\_\_  
 \_\_\_\_\_
- I LEASED all/some of my allocation for \$\_\_\_\_\_ per pound with other arrangements; Please elaborate on these arrangements \_\_\_\_\_  
 \_\_\_\_\_

18) If you **BOUGHT quota share since the implementation of the IFQ program**, how important were the following reasons for doing so? Please check the appropriate box for each statement.

	Very <u>Important</u>	Somewhat <u>Important</u>	Not <u>Important</u>
The asking price for the purchased share was in line with expected future financial return anticipated from fishing the additional share	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The asking price for the purchased share was in line with what I anticipated I will be able to sell it for in the near future	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

The asking price for the purchased share was in line with the return I anticipated from selling them as an annual allocation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I believed that the additional share would allow me to fish at a more efficiently	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I needed additional share because I wanted to retain the red snapper I land as by-catch	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I anticipated that Total Allowable Catch (TAC) will increase after the next stock assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

19) **If you SOLD quota share since the implementation of the IFQ program,** what were your reasons for doing so?

	<u>Very Important</u>	<u>Somewhat Important</u>	<u>Not Important</u>
The current selling price for the share I sold was high relative to future financial returns I anticipated from fishing it	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The current selling price was higher than what I anticipated receiving for selling the share sometime in the future	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The current selling price for the share was in line with the return I anticipated from selling it as annual allocation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I had more quota then was necessary for harvesting efficiently	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I anticipated that quota would decrease after the next stock assessment and that the share I sold might become less valuable	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I felt uncertain about the duration of the IFQ program so I sold my share	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



20) Have you experienced any changes with dealers since the implementation of the red snapper IFQ program?  
Please check all that apply.

- I have experienced no significant changes in my relationship with dealers.
- I am no longer as loyal to a single dealer but instead sell to more dealers than before the implementation of the IFQ program.
- I am more loyal to a smaller number of dealers than before implementation of the IFQ program.
- I am more loyal to a smaller number of dealers because they provide me with allocation in return to me selling my catch to him.
- I am more loyal to a smaller number of dealers for other reasons: please explain.  
\_\_\_\_\_.

21) What would you estimate to be the current market value of your vessels, gear, and equipment (excluding quota shares) used to harvest red snapper \$ \_\_\_\_\_. In your opinion, has the IFQ program resulted in a change in the current market value? ( Yes  No). If you answered yes, what would you estimate to be the change in the current market value that resulted from the IFQ program? \$ \_\_\_\_\_. Is this change an increase or a decrease? (  Increase  Decrease)

**Section 4: Other Issues**

22) What are your plans with respect to your activities in the red snapper fishery over the next five years? Please check only one.

- I plan to leave the fishery by selling (or giving away) my IFQ share.
- I plan to reduce my activities in the fishery by keeping my share but leasing annual allocation.
- I plan to keep my activities at approximately the same level.
- I plan to increase my financial investments in the fishery by leasing annual allocation but not additional share.
- I plan to increase my financial investments in the fishery by buying more IFQ share.
- Other; explain \_\_\_\_\_

With respect to activity that you checked above, would you please elaborate as to why you selected that item:  
\_\_\_\_\_

23) Please circle the number on the scale below that best indicates your level of satisfaction with the associated question. If the question does not apply, please check the N/A box.

How satisfied are you with the IFQ online system for managing shares and allocation and completing landing transactions?

Highly Unsatisfied										Highly Satisfied	N/A
1	2	3	4	5	6	7	8	9	10	<input type="checkbox"/>	

What improvements would you suggest to the IFQ online system?

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How satisfied are you with the customer service you receive when contacting NOAA Fisheries Service regarding questions about the IFQ program?

Highly Unsatisfied										Highly Satisfied	N/A
1	2	3	4	5	6	7	8	9	10		

What improvements would you suggest to the IFQ customer service?

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How satisfied are you with the customer service you receive when making a landing notification via phone?

Highly Unsatisfied										Highly Satisfied	N/A
1	2	3	4	5	6	7	8	9	10		

**Recognizing that the five-year review of the red snapper IFQ program could result in changes to the program, please use the spaces below to recommend how you would enhance each aspect of the program. A summary of the responses will be given to the Gulf of Mexico Fishery Management Council and to the National Marine Fisheries Service.**

Regulations:

Monitoring and enforcement:

Other

What improvements would you suggest to the phone-based landing notification system?

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Would you be willing to be contacted by phone if we have any additional questions concerning the IFQ program and your responses to this questionnaire? If yes, please list a phone number that we can use and a convenient times/days during the week that we can call.

Phone number:

Convenient time/day:

**THANK YOU FOR THE TIME YOU TOOK TO COMPLETE THIS QUESTIONNAIRE.**