

Florida Fishing Communities & SLR Survey

Start of Block: Background Questions

Q86 BACKGROUND QUESTIONS



Q6 Date

Q1 Interview Number

Q7 Industries

- ☐ Commercial Fishing (1)
- ☐ For-hire Fishing (2)
- ☐ Seafood Wholesaler (3)
- ☐ Fishing Gear/Bait Sales (4)
- ☐ Boat Rentals (5)
- ☐ Other (6) _____

Q2 Gender

☐ Male (1)

☐ Female (2)

Q3 Age

Q4 Race/Ethnicity

☐ White (1)

☐ Black or African American (2)

☐ American Indian or Alaska Native (3)

☐ Asian (4)

☐ Native Hawaiian or Pacific Islander (5)

☐ Other (6) _____

Q5 Home Zip Code

End of Block: Background Questions

Start of Block: Community Questions

Q87 COMMUNITY QUESTIONS

Q8 How long have you lived in your community? Where are you from?

Q10 How long have you been in your industry?

Q11

Do you work full-time or part-time?

☐ Full-time (1)

☐ Part-time (2)

Display This Question:

If Do you work full-time or part-time? = Part-time

Q98 What other occupations do you have?

Q13 Do you travel to different areas for work during the year?

Q12 What percentage of your household income is derived from each industry?

Commercial Fishing : _____ (1)

For-hire Fishing : _____ (2)

Seafood Wholesale : _____ (3)

Fishing gear/bait sales : _____ (4)

Boat Rentals : _____ (5)

Other : _____ (6)

Total : _____

Q14 Do you belong to any recreational fishing organizations?

☐ CCA of Florida (1)

☐ Florida Sportsman (2)

☐ OFF (3)

☐ Clam/aquaculture associations (4)

☐ Chambers of commerce (5)

☐ Other (6) _____











Q99 Do you belong to any conservation organizations?

Q133

Is your family involved in the fishing industry as well?

Q135

How would you rank the following issues/factors in terms of how they may affect your fishing operation (1-5, where 1 is high impact and 5 is no impact)

Level of non-waterfront development (1)	
Competition within your community (2)	
Competition from within the US (3)	
Competition from imports of the species you fish/sell (4)	
Changes in rent prices for fishing operations (5)	
Fishing regulations (6)	
Climate change (7)	
Pollution (8)	
Overfishing (9)	
Sea level rise (10)	

End of Block: Community Questions

Start of Block: Seafood Wholesaler

Q89 SEAFOOD WHOLESALER QUESTIONS

Q44 How many years have you bought and sold seafood products on a commercial scale?

Q50 Which species did you buy and sell last season?

Q52 How many pounds of each species did you purchase from local fishermen last season?

Q51 Have the species groups you've bought and sold changed over time?

☐ No (1)

☐ Yes (2)

Display This Question:

If Have the species groups you've bought and sold changed over time? = Yes

Q95 How?

Q47 Where do you buy your fish to sell?

Q48 Where do you sell your seafood products?

Q49 Do you sell bait?

☐ Yes (1) _____

☐ No (2) _____

Q156 In your experience in the seafood industry, what changes or trends have you seen over time?

Q83 If current trends remained the same, would your operation and community remain as is for the next 5 years?

☐ No (1) _____

☐ Yes (2) _____

Q100 If current trends remained the same, would your operation and community remain as is for the next 10 years?

☐ No (1) _____

☐ Yes (2) _____

Q138 If current trends remained the same, would your operation and community remain as is for the next 15 years?

☐ No (1) _____

☐ Yes (2) _____

Q157 If current trends remained the same, what will the future of the seafood industry look like in your community?

Q143 Over the past 10 years, how has your business income changed? Is it the same, up X%, or down X% and why?

Q150 What are the top three threats to your business?

Q146 In what scenario would your business no longer be sustainable?

End of Block: Seafood Wholesaler

Start of Block: For-hire Fishing Questions

Q90 FOR-HIRE FISHING QUESTIONS

Q15

How many fishing trips do you take per month?

☐ Winter (1) _____

☐ Summer (2) _____

☐ Other (3) _____

Q22 Do you offer other activities besides fishing on your vessel?

Q62 Which environments do you target when fishing?

☐ Off-shore (1) _____

☐ Near-shore (2) _____

☐ Reef (3) _____

☐ Other (4) _____

Q16 What percentage of your trips are to each environment?

☐ Off-shore (1) _____

☐ Near-shore (2) _____

☐ Reef (3) _____

☐ Other (4) _____

Q109 What are the top 3 species that you target?

Q27 Do you compete in fishing tournaments?

Q28 How many people are employed in your operations?

Q123 Is the crew paid on a fixed fee or a shared system?

☐ Fixed Fee (1)

☐ Shared System (2)

☐ Other (3) _____

Q30 How many clients come on an average trip?

Q31 What percentage of your catch do you keep?

Q32 What percentage of your catch do you sell?

Q33 What percentage of your customers are out of state tourists? Has that changed over time?

Q151 In your experience in the charter fishing industry, what changes or trends have you seen over time?

Q102 If current trends remained the same, would your operation and community remain as is for the next 5 years?

☐ No (1) _____

☐ Yes (2) _____

Q104 If current trends remained the same, would your operation and community remain as is for the next 10 years?

☐ No (1) _____

☐ Yes (2) _____

Q139 If current trends remained the same, would your operation and community remain as is for the next 15 years?

☐ No (1) _____

☐ Yes (2) _____

Q152 If current trends remained the same, what will the future of charter fishing look like in your community?

Q144 Over the past 10 years, how has your business income changed? Is it the same, up X%, or down X% and why?

Q153 What are the top three threats to your business?

Q147 In what scenario would your business no longer be sustainable?

End of Block: For-hire Fishing Questions

Start of Block: Economic Questions (For Hire)

Q91 ECONOMIC QUESTIONS (for-hire fishing)

Q53 How many vessels are used in your operations?

Q129 Has the number of vessels you own changed over time? How?

Q56 What is the total replacement value of all of your vessels w/ tech?

Q57 What kinds of fishing gear do you use?

☐ Stone Crab Traps (1) _____

☐ Lobster Traps (2) _____

☐ Nets (3) _____

☐ Scuba gear (4) _____

☐ Hook & Line (5) _____

☐ Other (6) _____

Q59 How many traps did you use last season?

☐ Lobster Traps (1) _____

☐ Crab Traps (2) _____

Q60 How many nets did you use last season?

☐ Lampara Nets (1) _____

☐ Butterfly Nets (2) _____

☐ Pound nets (3) _____

☐ Other (4) _____

Q128 What is the total value of the gear that you use?

Q127 Has the gear that you use changed over time in amount or type? Why?

Q61 What kind of bait do you use and where do you obtain it?

☐ Fish for Bait (1) _____

☐ Purchase Bait (2) _____

Q65 What percentage of each species group did you land last year?

☐ Pelagics (1) _____

☐ Coastal Species (2) _____

☐ Reef Fish (3) _____

☐ Mollusks (4) _____

☐ Shrimp (5) _____

☐ Lobster (6) _____

☐ Other (7) _____

Q66 On a typical day on the water how much do you spend on...

☐ Fuel (1) _____

☐ Ice (2) _____

☐ Bait (3) _____

☐ Food (4) _____

☐ Supplies (5) _____

☐ Crew (6) _____

☐ Other (7) _____

Q154 SLR Questions (depth, salinity, current areas, historical areas)

End of Block: Economic Questions (For Hire)

Start of Block: Commercial Fishing Questions

Q92 COMMERCIAL FISHING QUESTIONS

Q64 Which species does your operation target?

☐ Pelagics (1) _____

☐ Coastal Species (2) _____

☐ Reef Fish (3) _____

☐ Lobsters (4) _____

☐ Mollusks (5) _____

☐ Shrimp (6) _____

☐ Other (7) _____

Q110 How many fishing trips do you take per month for each species?

☐ Pelagics (1) _____

☐ Coastal Species (2) _____

☐ Reef Fish (3) _____

☐ Lobsters (4) _____

☐ Mollusks (5) _____

☐ Shrimp (6) _____

☐ Other (7) _____

Q112 How long is an average fishing trip in days?

☐ Pelagics (1) _____

☐ Coastal Species (2) _____

☐ Reef Fish (3) _____

☐ Lobsters (4) _____

☐ Mollusks (5) _____

☐ Shrimp (6) _____

☐ Other (7) _____

Q39 How many people are employed in your operations?

Q40 Is the crew paid on a fixed fee or a shared system?

Q41 Where do you sell your catch?

Q42 What were your sales last year?

Q155 In your experience in the commercial fishing industry, what changes or trends have you seen over time?

Q118 If current trends remained the same, would your operation remain as is for the next 5 years?

☐ No (1) _____

☐ Yes (2) _____

Q119 If current trends remained the same, would your operation remain as is for the next 10 years?

☐ No (1) _____

☐ Yes (2) _____

Q140 If current trends remained the same, would your operation remain as is for the next 15 years?

☐ No (1) _____

☐ Yes (2) _____

Q158 If current trends remain the same, what will be the future of commercial fishing in your community?

Q145 Over the past 10 years, how has your business income changed? Is it the same, up X%, or down X% and why?

Q159 What are the top three threats to your business?

Q149 In what scenario would your business no longer be sustainable?

End of Block: Commercial Fishing Questions

Start of Block: Economic Questions (Commercial)

Q93 ECONOMIC QUESTIONS (Commercial Fishing)

Q85 How many vessels are used in your operations?

Q130 Has the number of vessels you own changed over time? How?

Q88 What is the total value of your vessels?

Q89 What kinds of fishing gear do you use?

☐ Stone Crab Traps (1) _____

☐ Lobster Traps (2) _____

☐ Nets (3) _____

☐ Scuba gear (4) _____

☐ Hook & Line (5) _____

☐ Other (6) _____

Q124 What is the value of the gear that you use?

Q125 Has the gear that you use changed over time in amount or type? Why?

Q91 How many traps did you use last season?

☐ Lobster Traps (1) _____

☐ Crab Traps (2) _____

Q92 How many nets did you use last season?

☐ Lampara Nets (1) _____

☐ Butterfly Nets (2) _____

☐ Pound nets (3) _____

☐ Other (4) _____

Q93 What kind of bait do you use and where do you obtain it?

☐ Fish for Bait (1) _____

☐ Purchase Bait (2) _____

Q95 On a typical day on the water how much do you spend on...

☐ Fuel (1) _____

☐ Ice (2) _____

☐ Bait (3) _____

☐ Food (4) _____

☐ Supplies (5) _____

☐ Other (6) _____

Q160 SLR questions (depth, salinity, current areas, historical areas)

End of Block: Economic Questions (Commercial)

Start of Block: Environmental Questions

Q94 ENVIRONMENTAL QUESTIONS

Q131 Have you noticed any changes in fishery abundance?

☐ Yes, abundance has INCREASED (1) _____

☐ Yes, abundance has DECREASED (2) _____

☐ No, I have not noticed any changes (3)

☐ I don't know (4)

☐ Other (5) _____

Display This Question:

If Have you noticed any changes in fishery abundance? = Yes, abundance has INCREASED

And Have you noticed any changes in fishery abundance? = Yes, abundance has DECREASED

Q132 What do you think is the cause for this change?

Q105 Do you encounter any of the following Species of Greatest Conservation Need?

☐ Sea Turtles (1)

☐ Sharks (2)

☐ Johnson's seagrass (3)

☐ Coral (4)

☐ Manatees (5)

☐ American Crocodile (6)

☐ Smalltooth Sawfish (7)

☐ Groupers (8)

☐ Eagle Rays (9)

Q106 Where have you encountered these species? (REFER TO MAP)

Q108 Have you noticed any changes in Species abundance?

☐ Sea Turtles (1) _____

☐ Sharks (2) _____

☐ Johnson's seagrass (3) _____

☐ Coral (4) _____

☐ Manatees (5) _____

☐ American Crocodile (6) _____

☐ Smalltooth Sawfish (7) _____

☐ Groupers (8) _____

☐ Eagle Rays (9) _____

Q76 What species are the most common bycatch?

Q67 Based on your experience fishing, have you seen any large environmental changes in the areas that you fish in over time?

Q68 Have you ever had experience rebuilding after a Hurricane? What happened?

Q72 Have you experience a red tide event? How did this effect your operations?

Q69 Have you noticed any significant changes in the populations of species that you target over time?

Q81 Do you know of any charter fishermen, commercial fishermen, seafood wholesalers, or anyone else in the fishing industry that would be willing to speak to us?

End of Block: Environmental Questions

Start of Block: Hurricane Questions

Q161 Did you stay for Hurricane Irma or did you evacuate?

☐ Stay (1)

☐ Evacuate (2)

☐ Other (3) _____

Q162 Did you experience flooding, and if so how much?

☐ No (1)

☐ Yes (2) _____

Q163 Did your area lose power? If so, for how long?

☐ No (1)

☐ Yes (2) _____

☐ I don't know (3)

Q164 How did Hurricane Irma compare to other storms that you've experienced in your area?

☐ It was stronger than past storms that I've experienced (1)

☐ It was weaker than past storms that I've experienced (2)

☐ I don't know (3) _____

Display This Question:

If Were there any physical damages to your business or your vessel? = Yes

Q165 How did you prepare your boats for the storm?

- ☐ I tied them up (1) _____
- ☐ I moved them (2) _____
- ☐ Other (3) _____
-

Q166 How did you prepare your business?

- ☐ Shuttering windows (1) _____
- ☐ Storing gear (2) _____
- ☐ Other (3) _____
-

Q167 Were there any physical damages to your business or your vessel?

- ☐ Yes (1)
- ☐ No (2)
- ☐ I don't know (3)
-

Display This Question:

If Were there any physical damages to your business or your vessel? = Yes

Q168 What damage occurred to your vessel?

Display This Question:

If Were there any physical damages to your business or your vessel? = Yes

Q169 What damage occurred to your structural property associated with fishing (if present)?

Q170 Did any damage occur to your gear?

Q171 Was there damage to your home?

☐ Flooding (1) _____

☐ Surge Damage (2) _____

☐ Wind Damage (3) _____

☐ Other (4) _____

Q172 Were there any non-physical damages from the storm?

- ☐ Yes, loss of tourism (1)
- ☐ Yes, loss of sea time (2)
- ☐ Yes, loss of markets being down (3)
- ☐ Yes, other (4) _____
- ☐ No (5) _____
-

Q173 Has the fact that this hurricane season has been particularly strong caused you to change any of your future plans? (evacuating, reinforcing, building up, permanent departure)

Q175 How would you rank climate change in terms of how it may affect your fishing operation (1-5, where 1 is high impact and 5 is no impact)?

- ☐ 1 - Climate Change is not real (1)
- ☐ 2 - I'm not sure what I think about climate change (2)
- ☐ 3 - Climate change might affect my business (3)
- ☐ 4. Climate change definitely affects my business (4)
- ☐ 5. Climate change is one of the largest threats to my livelihood (5)

End of Block: Hurricane Questions
