



Tab C, No. 5(b)

Summary of Responses from 4/14/23 – 5/19/23 :

Fisherman Feedback: Spanish Mackerel



What is Fisherman Feedback?

A tool used to gather information on a fish stock from active fishermen on trends or unusual occurrences that scientists and managers may not have observed.

117 responses gathered from April 14 – May 19, 2023

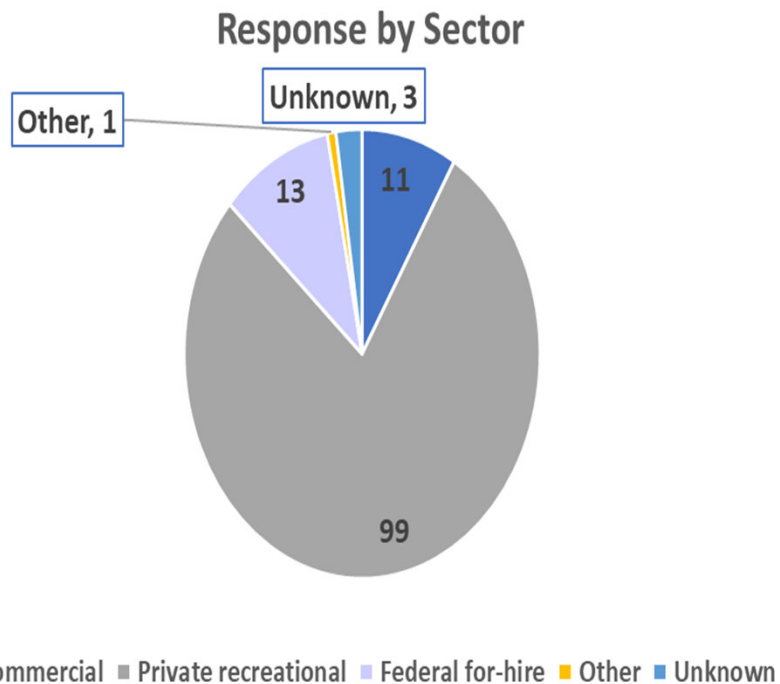


Final report:

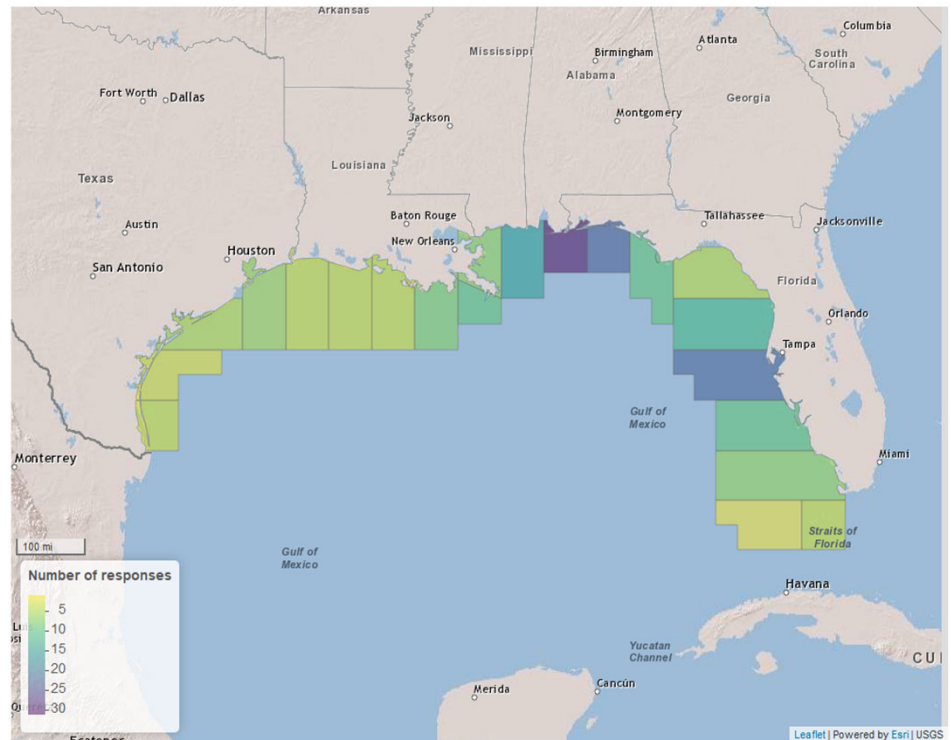
- Submitted to stock assessment analyst: July 19, 2023
- Presented to the SSC: July 19, 2023



Respondents



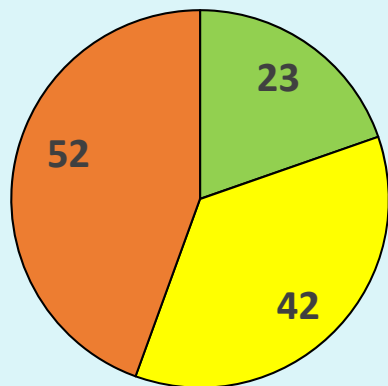
Self-identified with sector. Not limited to a singular response (n=127)



Number of responses received in each of 21 areas in the Gulf. Respondents could select more than one area so the total number illustrated in the map (n=181) exceeds the number of individual responses.

Overall Response Sentiment

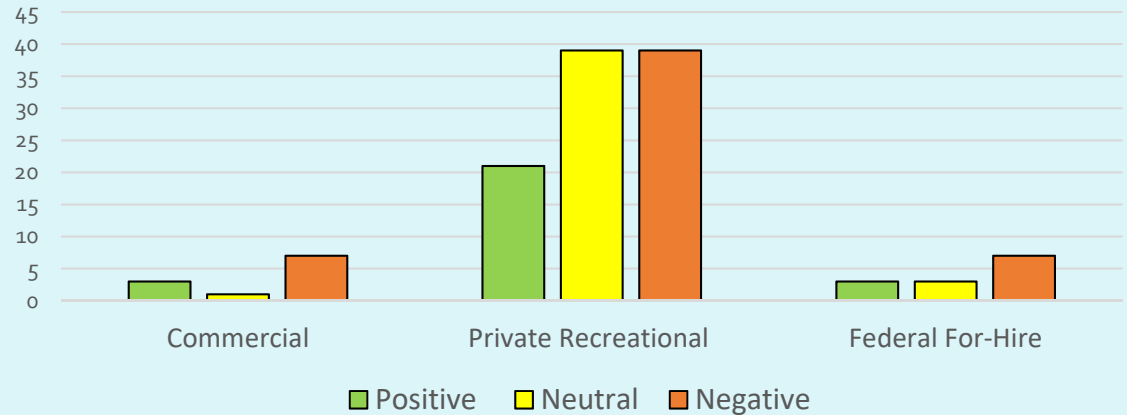
Overall Comment Sentiment



■ Positive ■ Neutral ■ Negative

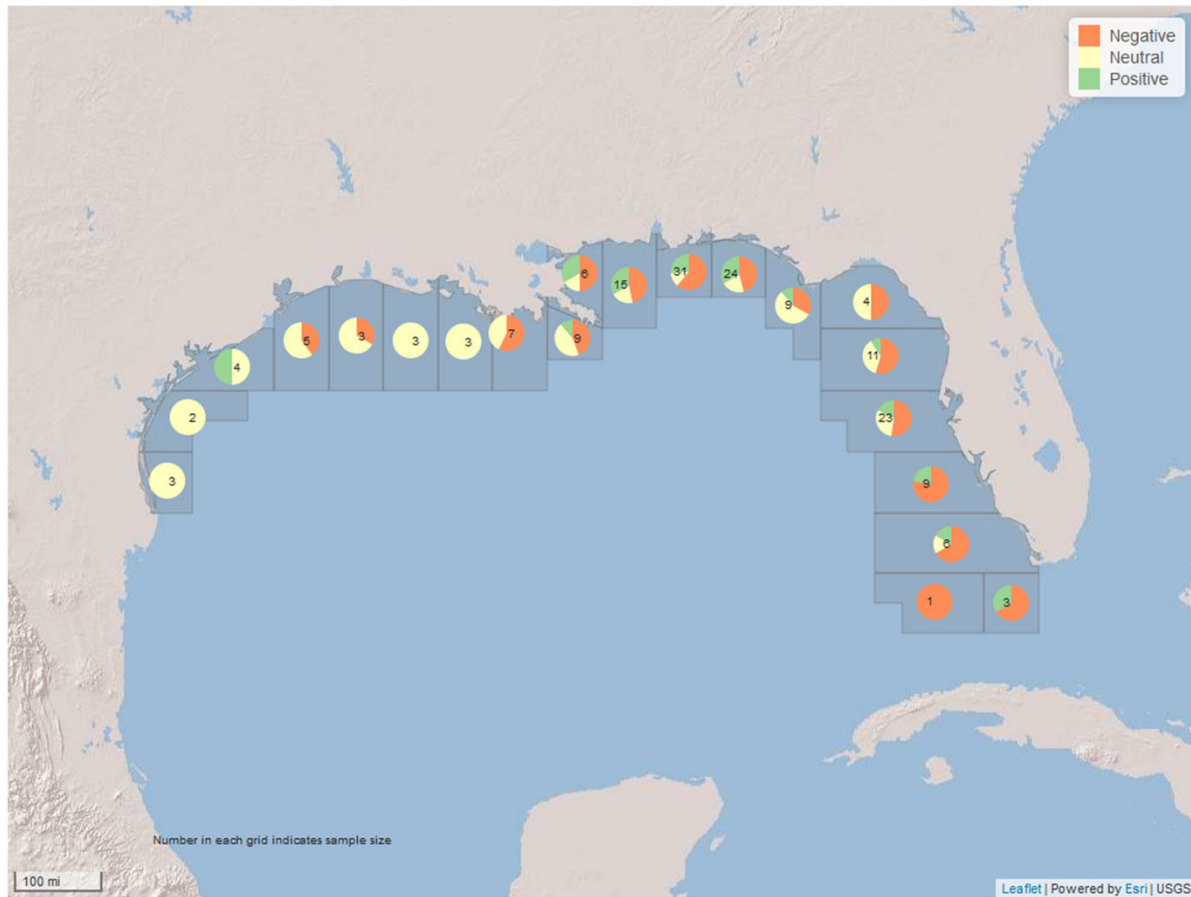
Number of responses indicating positive, negative, or neutral sentiment (n=117)

Overall Sentiment by Sector



Number of responses sorted by fishing sector. Sector was self-selected by each respondent. Respondents were not limited to a singular sector declaration in their response (n=123). Comments that were not associated with the three primary fishing sectors were not analyzed.

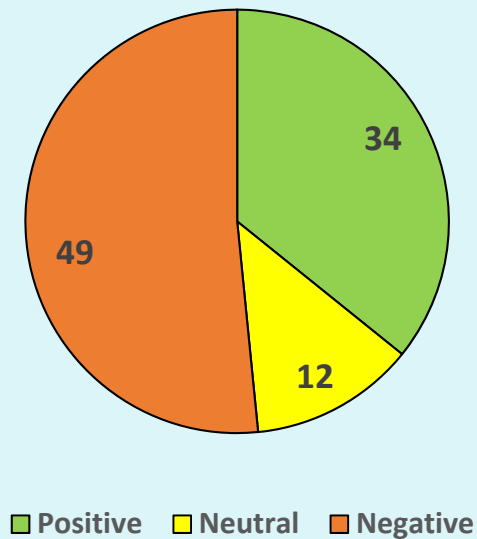
Overall Response Sentiment



Each comment (n=117) was linked to one or more areas based on the self-reported locations (n=181)

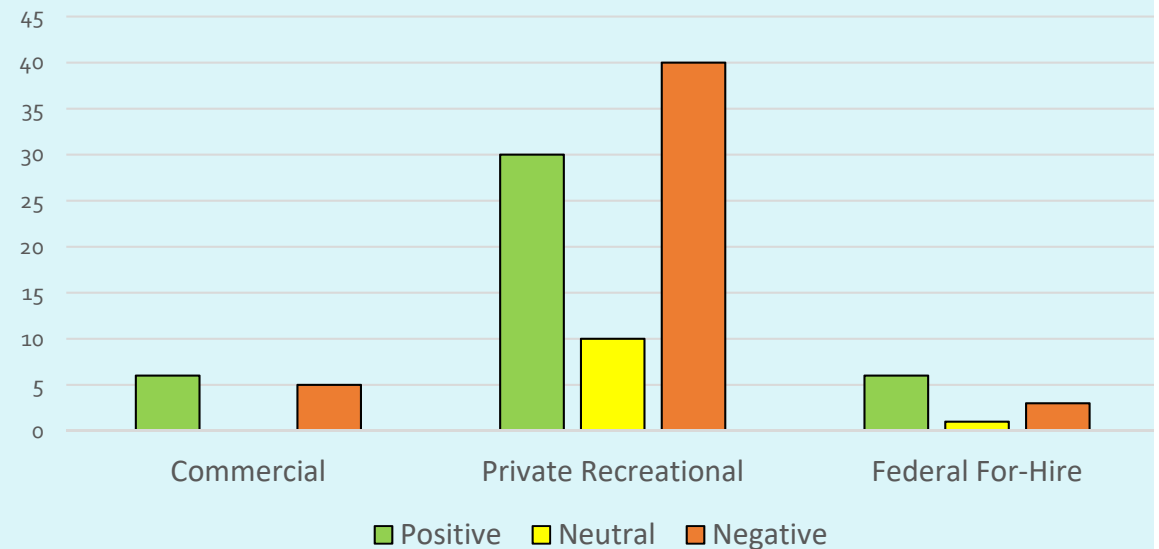
Stock Condition Related Response Sentiment

Sentiment of Comments Related to Stock Condition



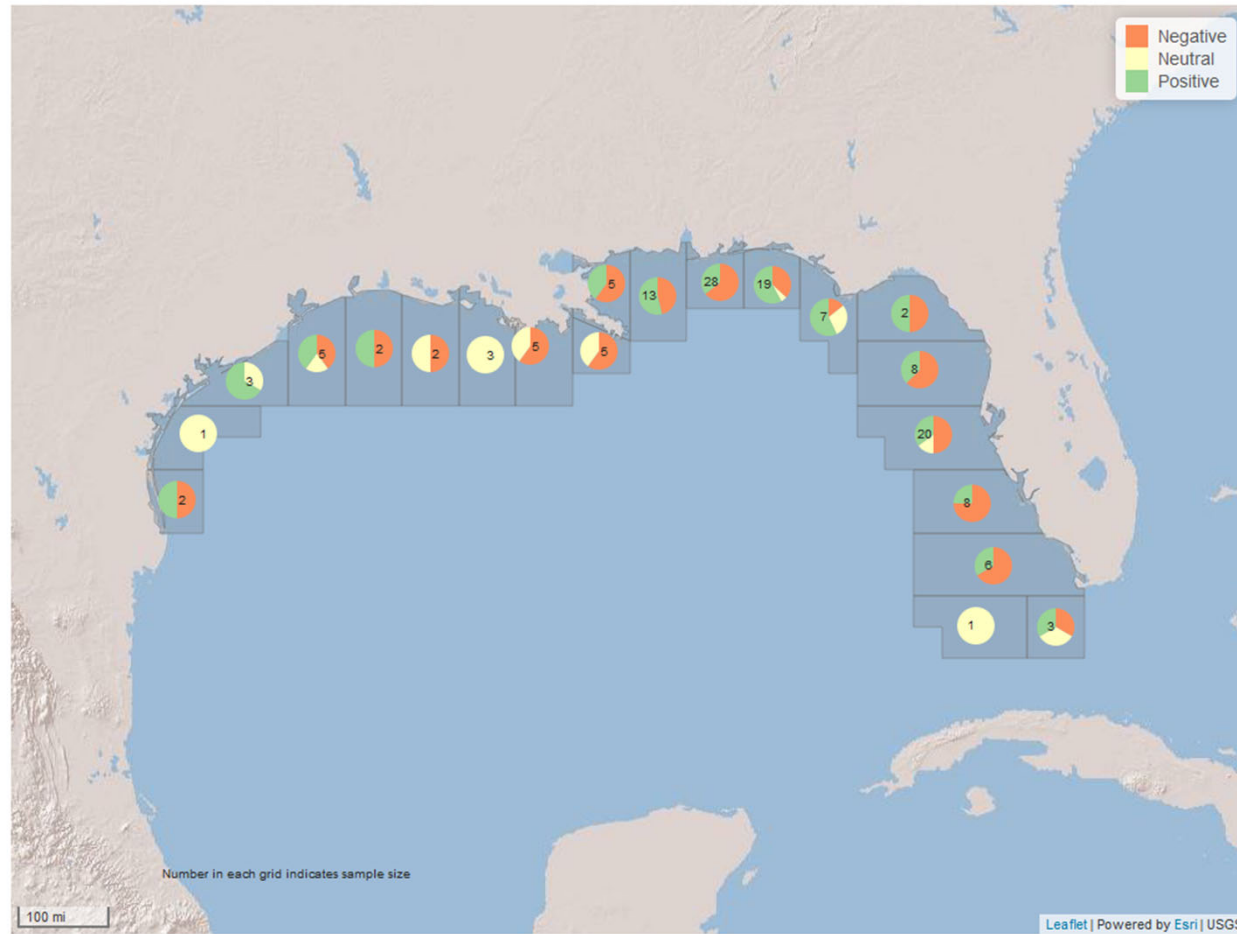
Number of comments indicating positive, negative, or neutral sentiment regarding stock condition (n=95)

Stock Condition Sentiment by Sector



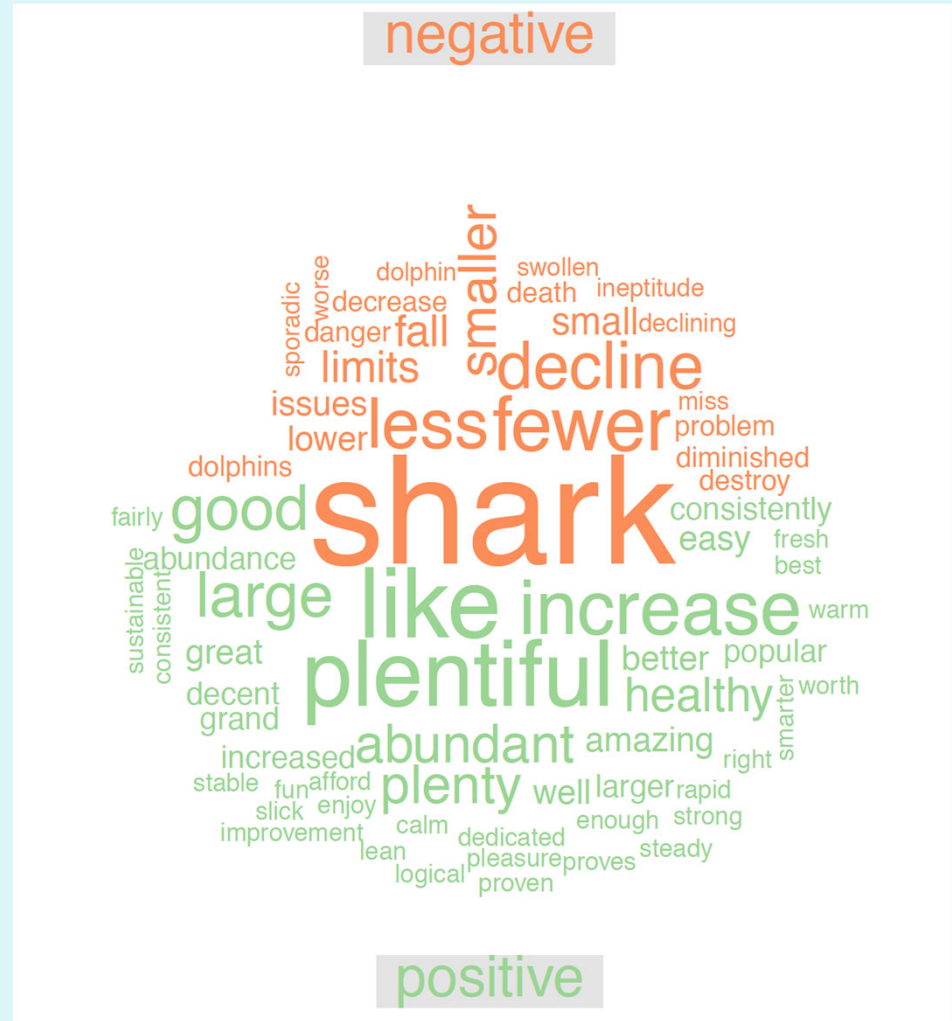
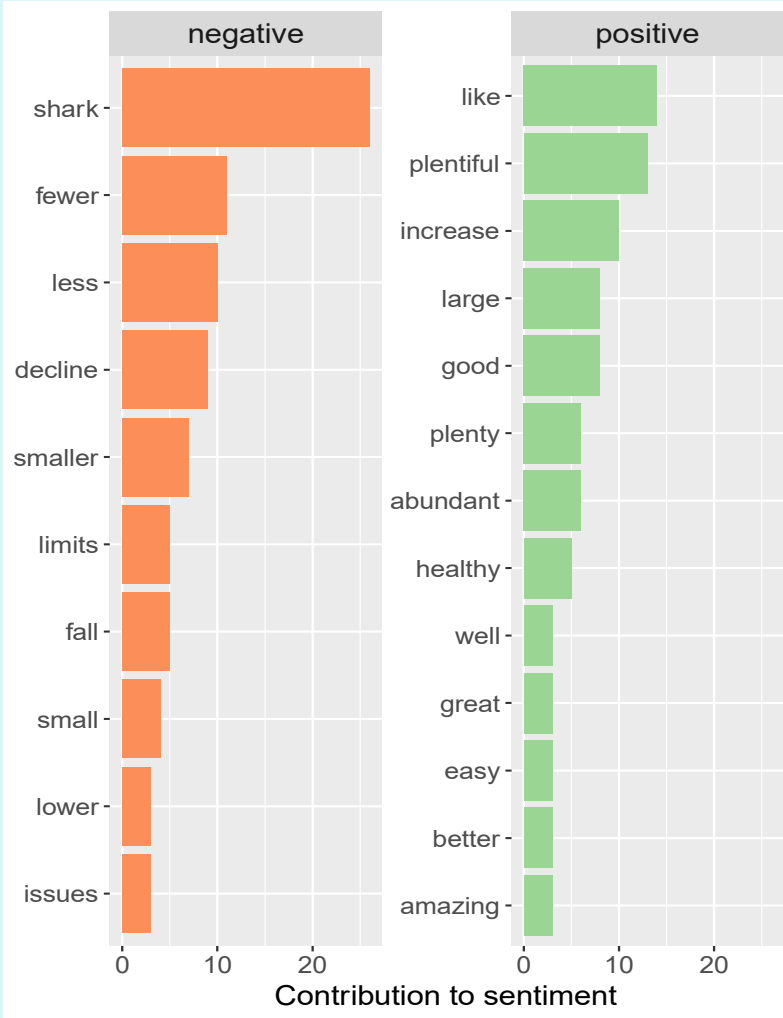
Number of responses related to stock condition sorted by fishing sector. Sector was self-selected by each respondent. Respondents were not limited to a singular sector declaration in their responses (n=101). Comments that were not associated with the three primary fishing sectors were not analyzed.

Stock Condition Related Response Sentiment



Each comment related to stock condition (n=101) was linked to one or more areas based on the self-reported locations (n=148)

Automated Analysis



Themes: Manual Analysis

Positive:

- The population is healthy
- Spanish mackerel are large and abundant

Neutral

- There is a change in the migration patterns
- Current management measures are appropriate

Negative

- The population is in decline
- Shark depredation, commercial netting, porgy fishermen, and overharvest by commercial and recreational anglers is causing problems.

Questions?

