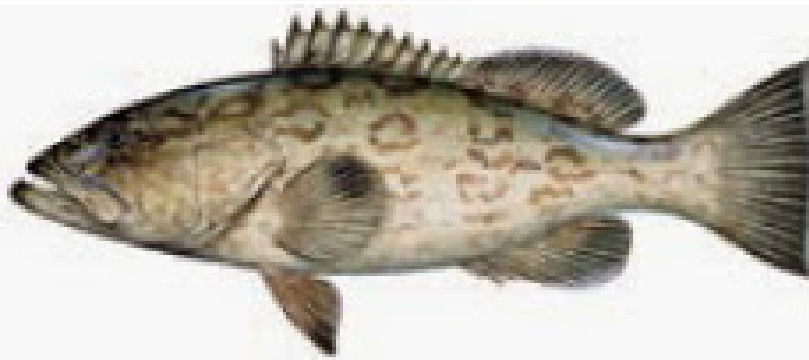




Summary of Responses from 12/10/20 - 1/10/21 :

Something's Fishy: Gag



What is Something's Fishy?

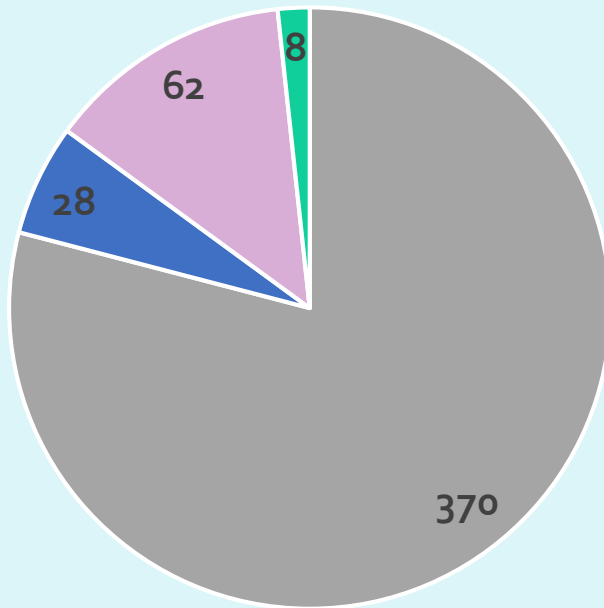
A tool used to gather information on a fish stock from active fishermen on trends or unusual occurrences that scientists and managers may not have observed.

- Responses gathered from December 10, 2020 – January 10, 2021
 - 423 responses were received
 - 418 comments analyzed (5 dropped because they were unrelated to gag)
- Final report generated and presented to Data Workshop February 11, 2021.



Respondents

Response by Sector



■ Private ■ Commercial ■ For-Hire ■ Other

423 Respondents

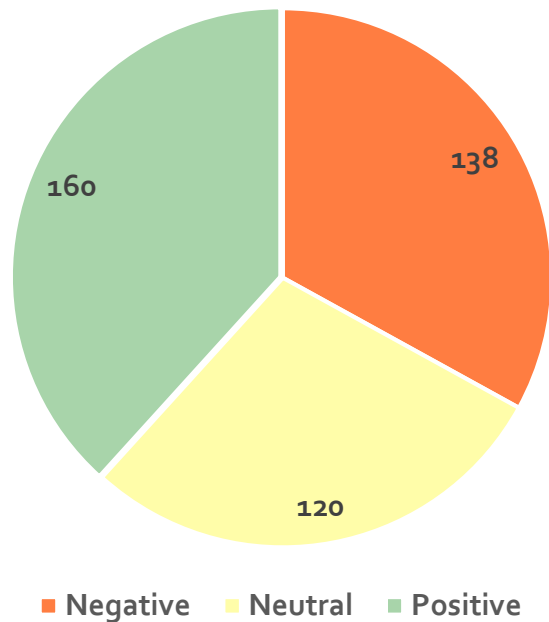
- 418 comments analyzed
- 5 comments dropped because they were unrelated to gag

- Self-identified with sector
- Not limited to a singular response (n=468)



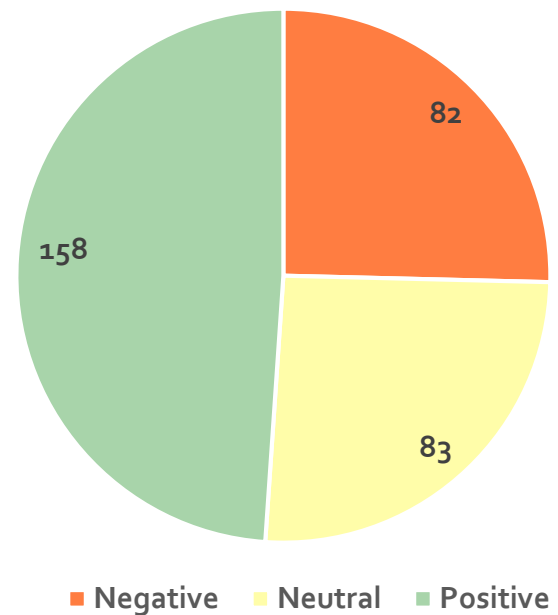
Overall Response Sentiment

Overall Comment Sentiment:
Manual Analysis



(n=418) Manual sentiment analysis showed that a small majority of respondents reported a positive sentiment.

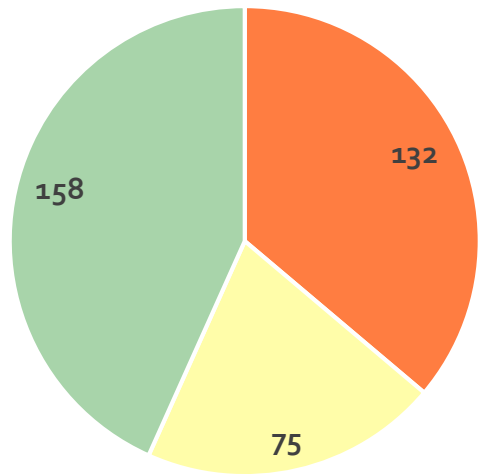
Overall Comment Sentiment:
Automated Analysis



(n=323) Automated analysis showed a majority of respondents reported a positive sentiment.

Stock Condition Related Response Sentiment

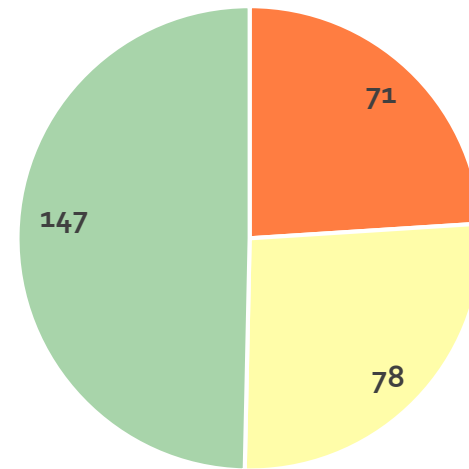
Sentiment of Comments Related to Stock Condition:
Manual Analysis



■ Negative ■ Neutral ■ Positive

(n=365) Removing comments that were not related to stock condition reduced the proportion of neutral comments.

Sentiment of Comments Related To Stock Condition:
Automated Analysis

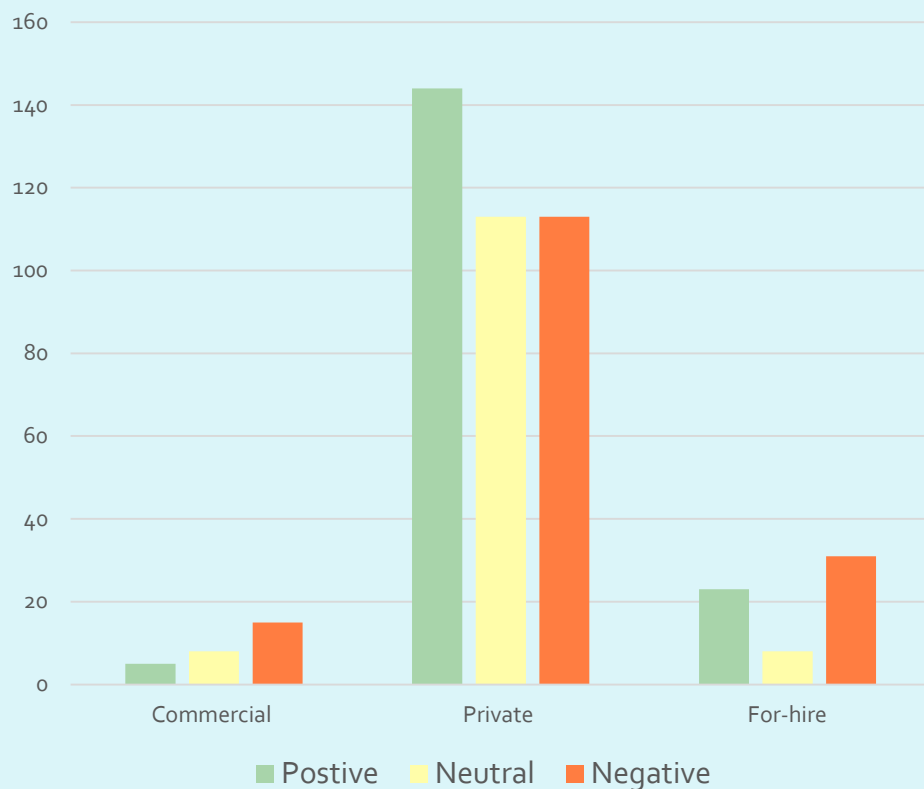


■ Negative ■ Neutral ■ Positive

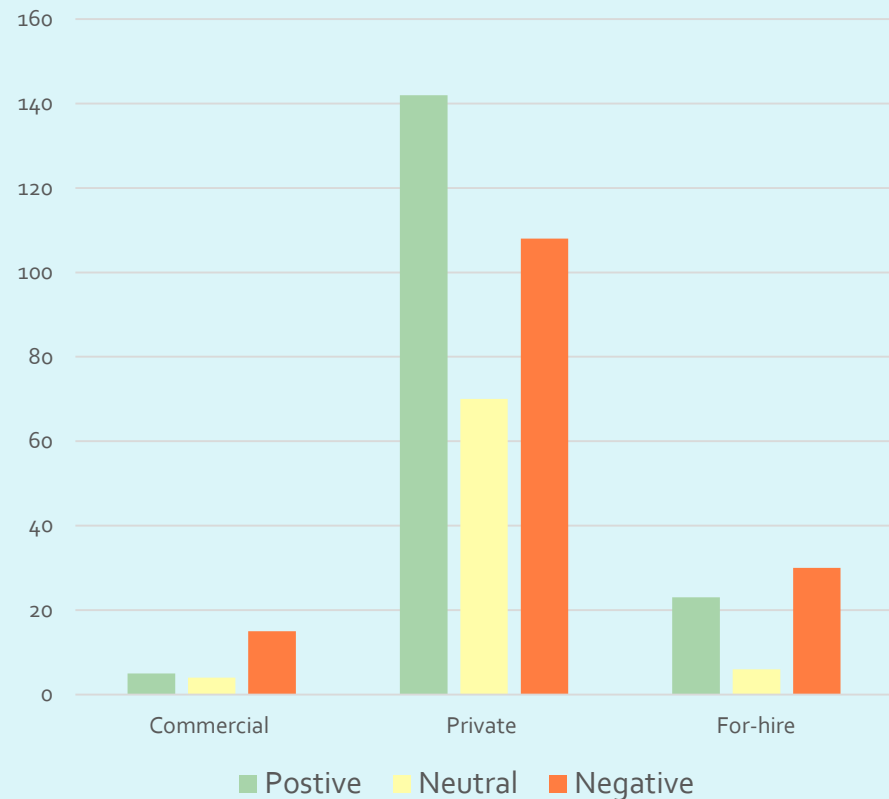
(n=296) Removing comments that were not related to stock condition slightly increased the proportion of neutral comments

Comparison of Sentiment by Sector

Sentiment by Sector for All Comments



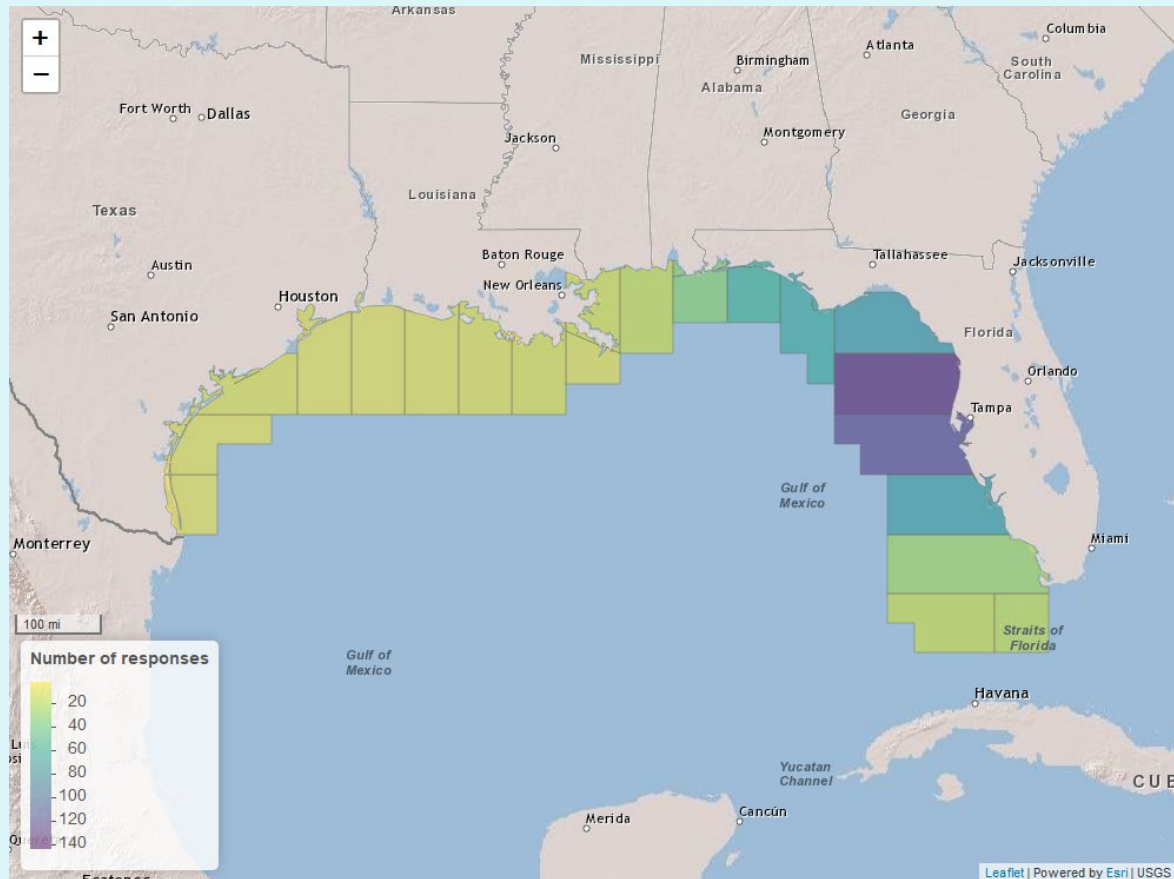
Sentiment by Sector of Comments Related to Stock Condition



Based on manual analysis

Response Rate by Location

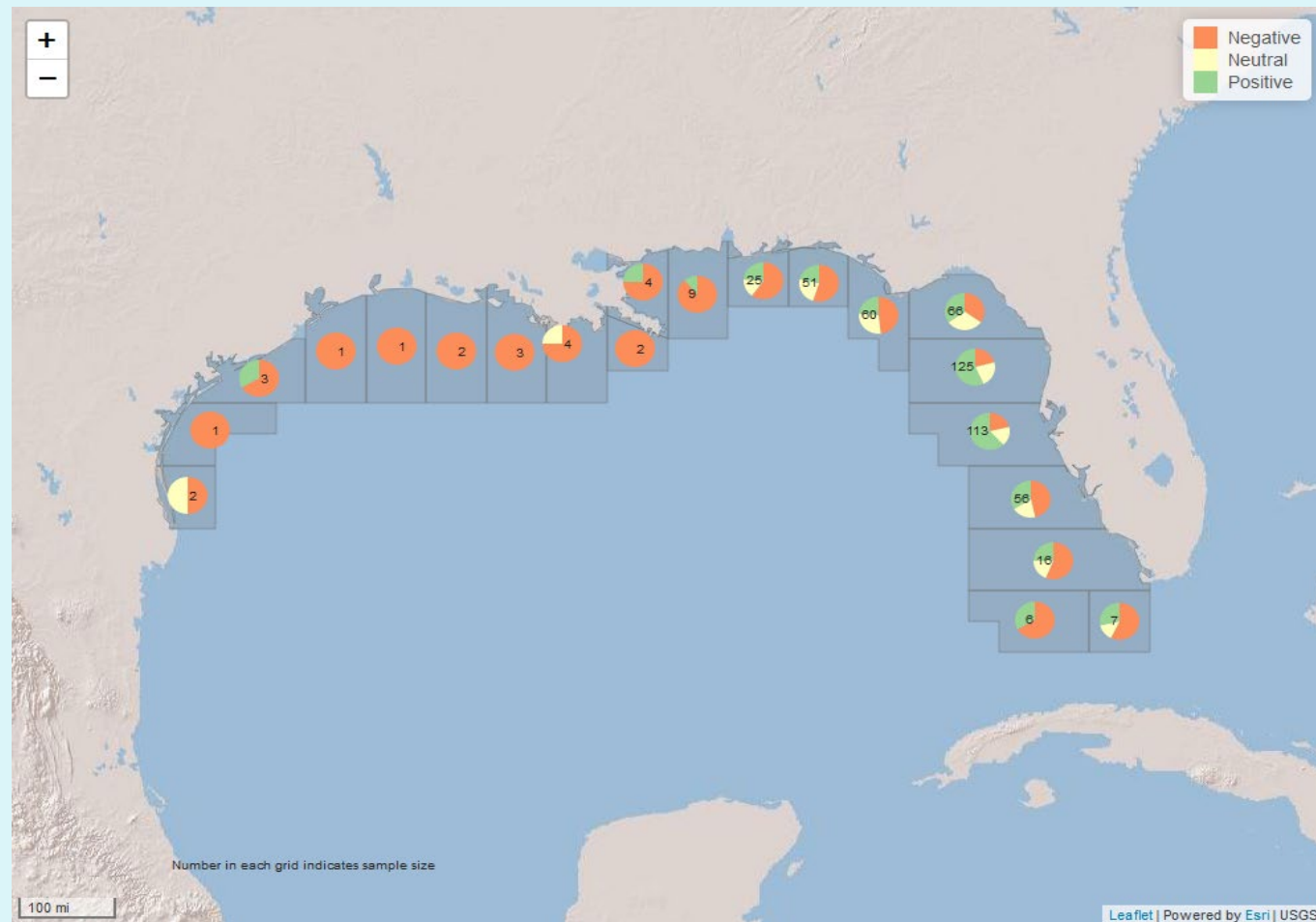
- Most responses were gathered off central Florida
- Few responses gathered west of Alabama. Many areas in the Western Gulf received only one response.



Based on manual analysis of all comments

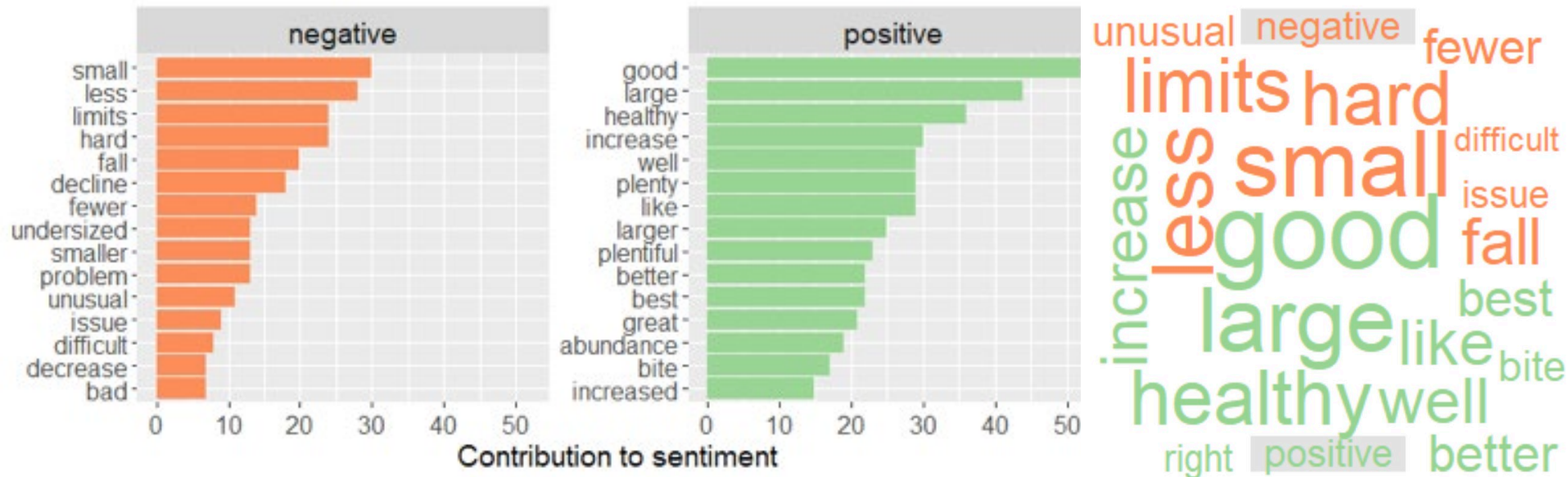
Response Sentiment by Location

- Respondents could report observations for one or more grid location
- 557 responses were recorded



Based on manual analysis of comments related to stock condition

Automated Analysis



Most frequently used negative words could indicate that anglers with negative perceptions were seeing small fish and less fish overall.

Most frequently used positive words could indicate that anglers with positive perceptions thought fishing was good and they were seeing large healthy fish.

Manual Analysis

Positive Comments

- Lots of juveniles
- More fish look healthy and colorful (blue fins)
- Lots of big fish (close to shore)
- Easy to catch when the water cools

Neutral Comments

- Males displaying spawning behavior in summer
- Seeing more fish over sand bottom (avoid divers)
- Population shifting to shallow water

Negative Comments

- Depredation by goliath, sharks, and dolphins has increased
- Fishing pressure has been heavier than usual
- Gags are skinnier than usual and don't seem as healthy
- Commercial fishing during the spawn is a problem
- Being outcompeted by red snapper

Questions?

