



Tab B, No. 7(d)

Summary of Responses from 11/1/19 – 12/14/19

Something's Fishy: Vermilion Snapper



What is Something's Fishy?

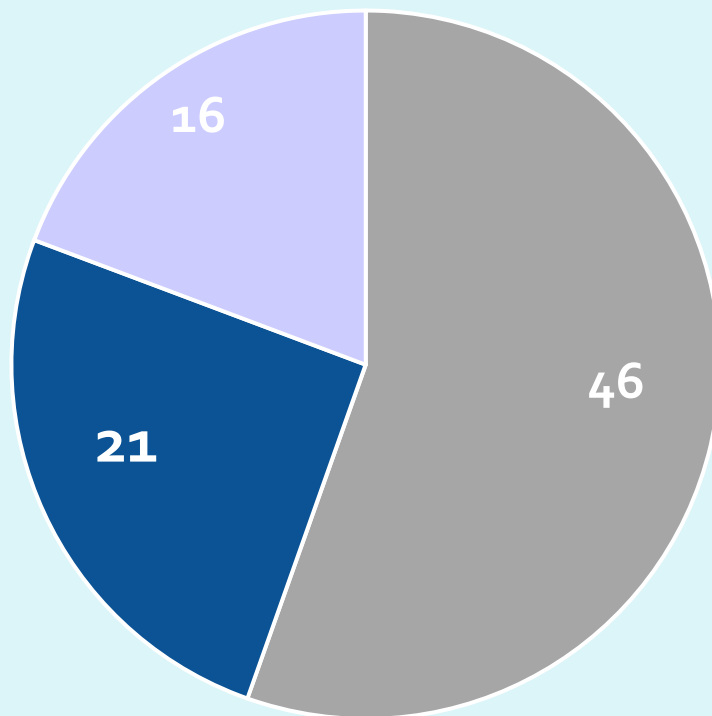
A tool used to gather information on a fish stock from active fishermen on trends or unusual occurrences that scientists and managers may not have observed.

- Responses gathered from November 1, 2019 – December 14, 2019
- Final report was sent to stock assessment analysts in March 2020.



Respondents

Responses by Sector



■ Private ■ For-Hire ■ Commercial

63 Respondents

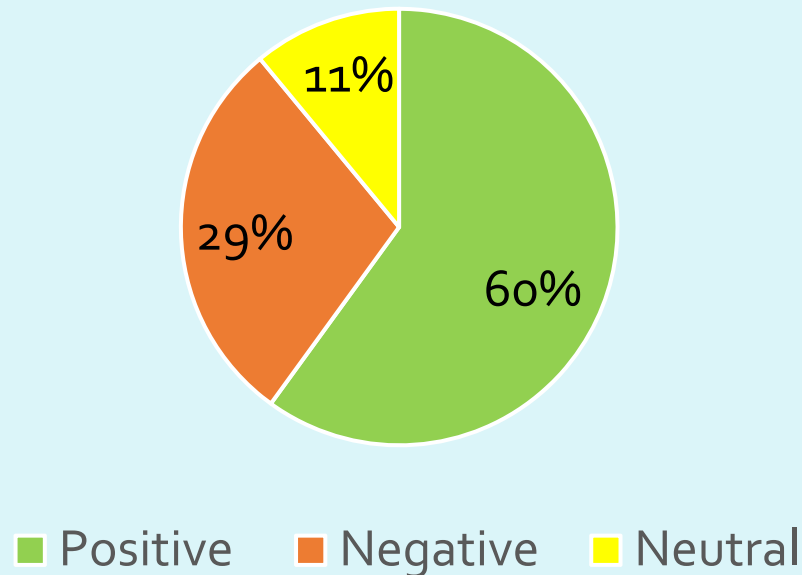
- Self-identified with sector
- Not limited to a singular response (n=83)



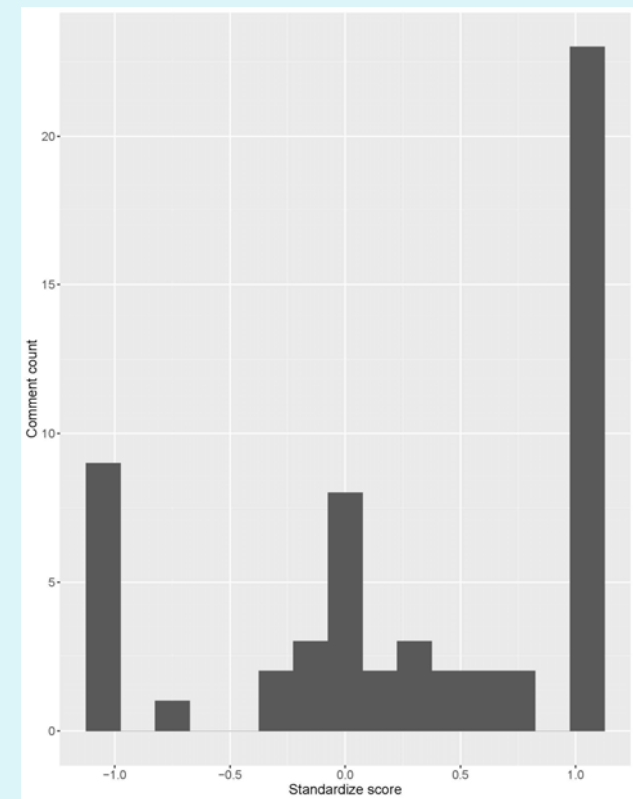
Response Sentiment

- Both manual and automated analysis produced similar results. Both indicated a slightly positive trend in perception of stock abundance
- Manual analysis showed a greater proportion of positive comments while automated analysis showed a minor trend towards positive comments

Response Sentiment



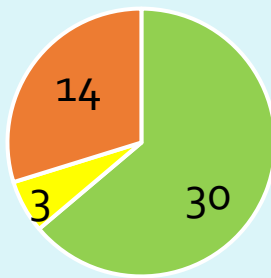
Manual



Automated

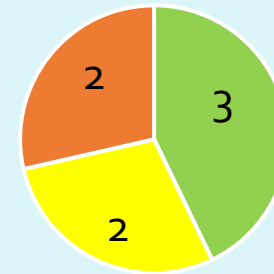
Sentiment by Sector

Private Recreational



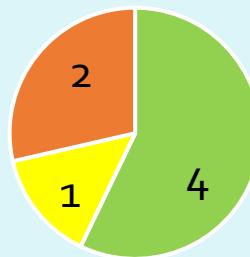
■ Positive ■ Neutral ■ Negative

Commercial



■ Positive ■ Neutral ■ Negative

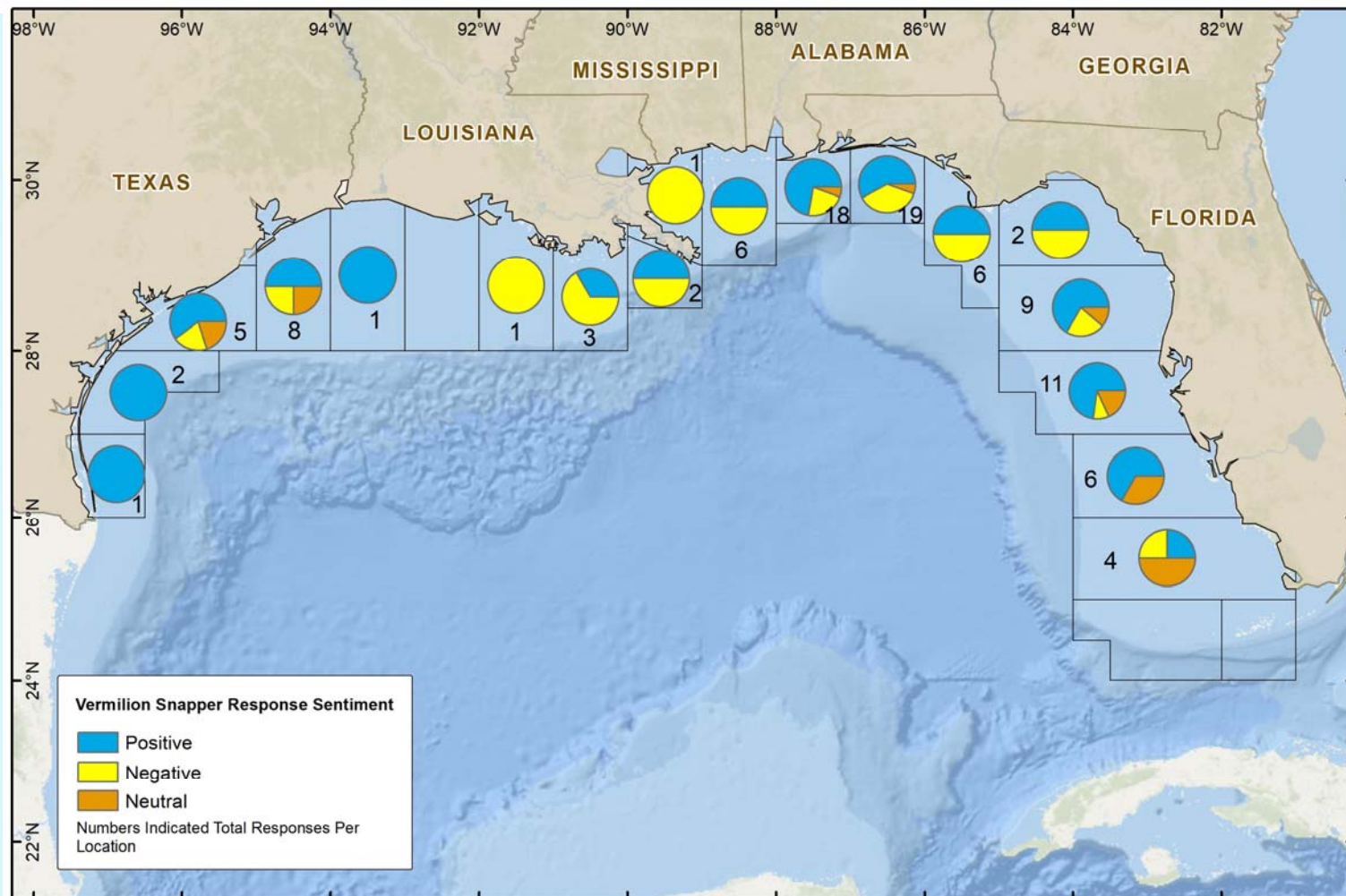
Identified as Both Sectors



■ Positive ■ Neutral ■ Negative

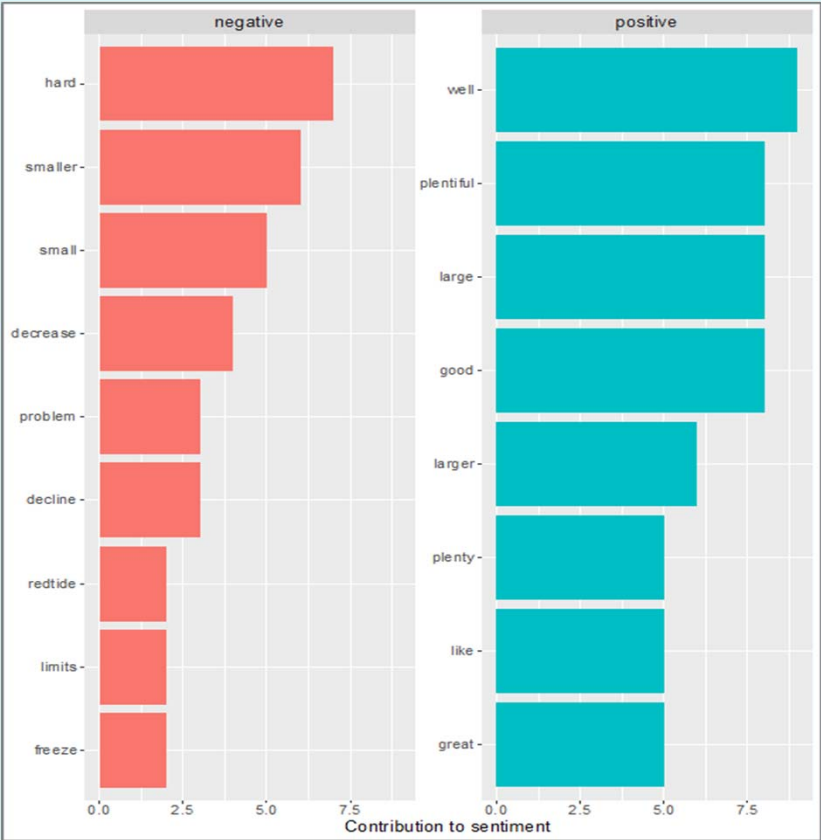


Response Sentiment by Location



Respondents could report observations for multiple grid locations.
No responses were gathered from central Louisiana or the Florida Keys.

Automated Analysis



The most frequently used positive and negative words could be interpreted to indicate anglers are generally seeing more fish and larger fish while some anglers are experiencing a decline in average size and catch rate.



Manual Analysis - Emergent Themes

- Indicated a positive trend in stock health
- Stock has been continuously healthy for years
- Stock may be healthier than ever
- Anglers seeing larger vermilion in deep waters
- Vermilion are moving into shallower waters than they have been historically
- Vermilion snapper are being outcompeted by triggerfish and red snapper
- Juveniles are being found in lionfish stomachs
- Dolphin depredation is harming the population
- Fishing effort is shifting to vermilion due to unhealthy grouper stocks, short seasons for other species and increased commercial pressure
- Red tide and the oil spill may have displaced local vermilion populations



Questions?

