

Status of Gulf States' Survey Calibration update

Gulf of Mexico Fishery Management Council Meeting
Biloxi, October 2022



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- Approaches used to develop calibrations for the proposed rule varied by State, data availability and survey implementation status
- Two basic ratio based approaches were used to account for differences in how catch advice was derived and the methods used to monitor
 - Ratio of state survey landings to MRIP Coastal Household Telephone Survey (CHTS) landings;
 - Ratio of MRIP Fishing Effort Survey (FES) landings to CHTS landings divided by the ratio of MRIP FES landings to state survey landings.
- Two more years (2020, 2021) of data have become available since the development of initial calibrations and the development of the proposed rule



Council Motion (June 2022):

“to have the [Scientific and Statistical Committee] review state private recreational red snapper calibration ratios using more recent state survey data and provide a recommendation to the Council on change(s) to ratios, if necessary, prior to the January 2023 Council meeting.”

- Updating calibrations developed in 2021 discussed at August 2023 meeting between NOAA and State Directors



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- SERO worked with S&T to develop two sets of calibrated estimates
 - All years: 2015-2021
 - 2018-2021
- Calibrated estimates were made available to States
- Coastal Household Telephone Survey (CHTS) ended in 2017 - CHTS estimates for 2018 to present represent modeled estimates based on the CHTS-FES Calibration model.
 - Variation of the process using 2018-2021 data would be to use modeled CHTS for all states
- Calibrations are based on annual estimates (inclusive of all waves)
- Minimal contribution to estimation from 2018-2019 data used for the imputation process
- Independent consultants recommended consistency in methods used as practicable at 2020 workshop.



- NOAA Fisheries (SERO, SEFSC and OST) will work with State on information needs related to calibration over the next few weeks while states develop updated calibrated estimates
- States are expected to produce a report detailing methods if calibrated estimates differ from those provided by SERO
- States are expected to provide updated estimates and report to the SSC for review prior to the January 2023 Council Meeting

