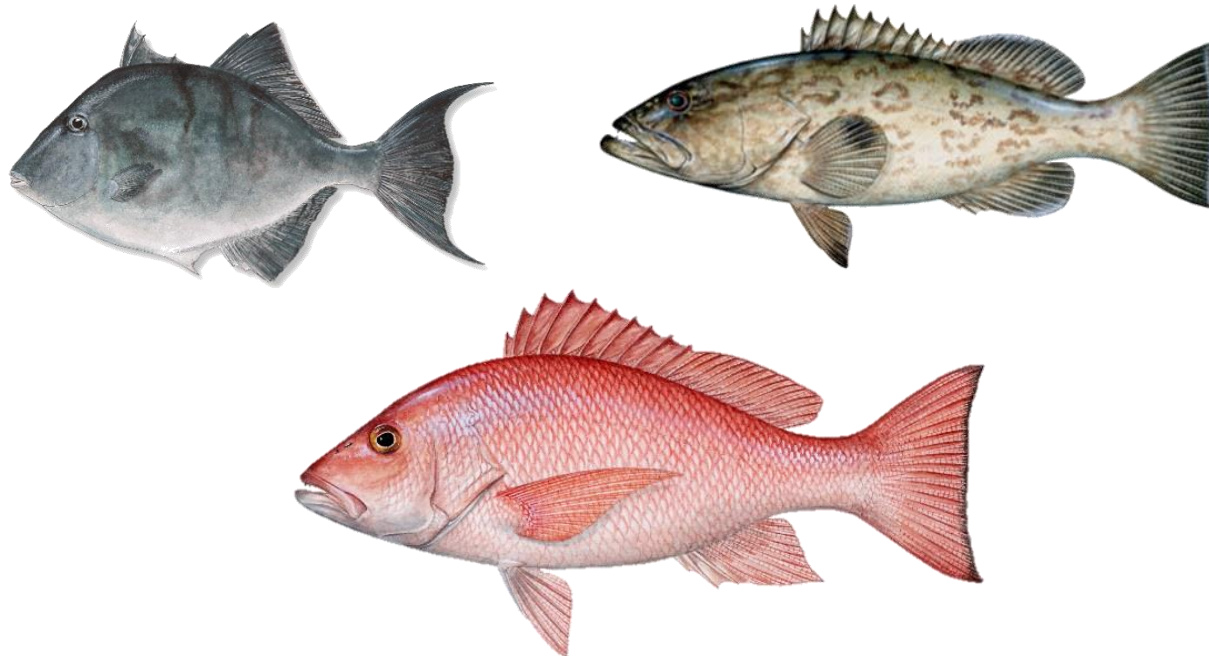


SSC Summary Report – March 2019 Meeting



Gulf of Mexico Fishery Management Council

April 1-4, 2019 Meeting

Biloxi, MS




Updated Gray Snapper Projections

In August 2018, the SSC recommended OFL and ABC yield streams be derived using:

- F_{MSY} proxy of $F_{30\%SPR}$ or greater
- $MSST = (1-M) * B_{30\%SPR}$
- $P^* = 0.40$


SEFSC provided updated projections using:

- Three different F_{MSY} proxies: $F_{26\%SPR}$, $F_{30\%SPR}$, and $F_{40\%SPR}$
- Changing MSST from $1-M * B_{MSY}$ to $0.5 * B_{MSY}$
- Projections were run from 2016 to equilibrium with the addition of assumed landings during 2016-2018



NOAA
FISHERIES
SEFSC

Management advice derived using alternative F_{MSY} proxies for Gulf Gray Snapper: Associated stock status, OFL and ABC



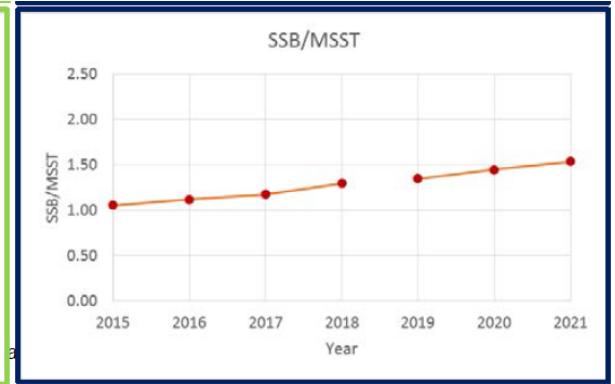
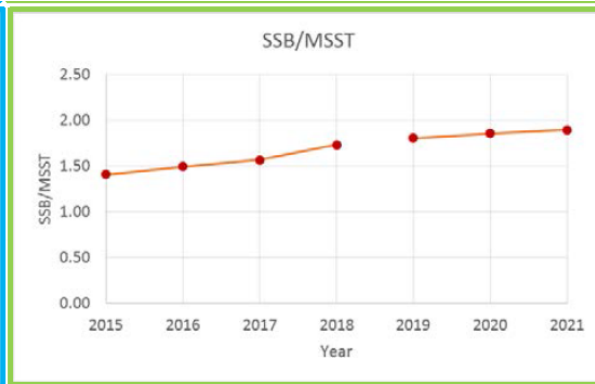
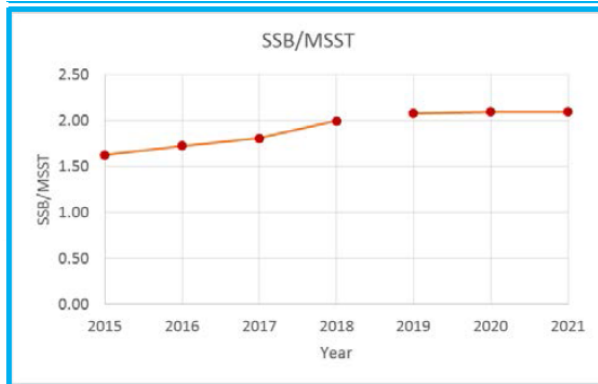
Shannon L. Cass-Calay
J. Jeffery Isely

GMFMC SSC Meeting
March 13-14, 2019
Tampa, Florida

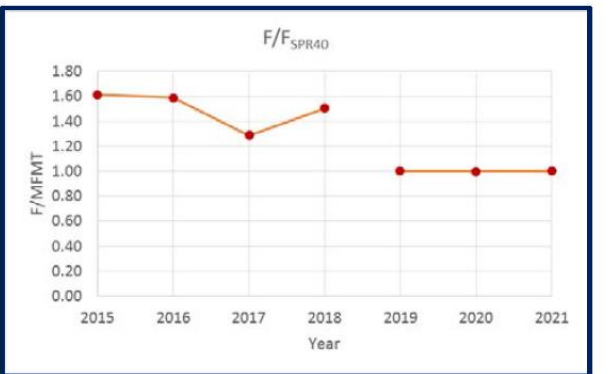
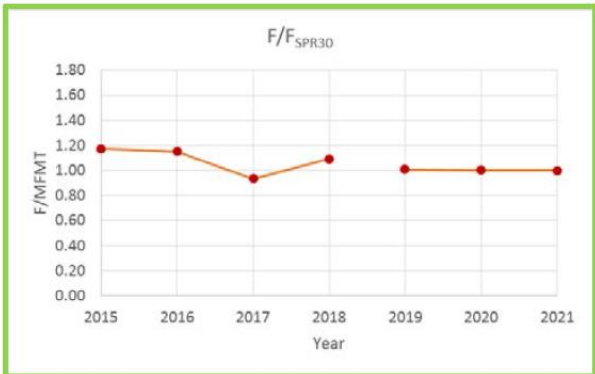
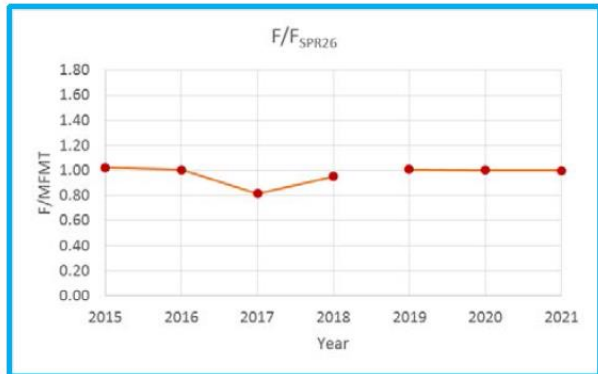


Updated Gray Snapper Projections

SSB Projections



Fishing Mortality Projections



$F_{26\%SPR}$

$F_{30\%SPR}$

$F_{40\%SPR}$

SSC Yield Stream Recommendations

OFL and ABC yield streams for each F_{MSY} proxy

OFL at $P^* = 0.5$ and ABC at $P^* = 0.4$

$F_{26\%SPR}$

Year	OFL (mp ww)	ABC (mp ww)
2019	2.59	2.52
2020	2.58	2.51
2021	2.56	2.51

$F_{30\%SPR}$

Year	OFL (mp ww)	ABC (mp ww)
2019	2.26	2.20
2020	2.29	2.24
2021	2.32	2.27

$F_{40\%SPR}$

Year	OFL (mp ww)	ABC (mp ww)
2019	1.64	1.59
2020	1.72	1.68
2021	1.80	1.76



Summary SSC Comments on Other Topics

- Discussion of SSC Operating Procedures
- SEDAR Stock Assessment Executive Summary Components
- Review of FMP Objectives
- Review of Gulf Sector Allocations
- Revision of ABC Control Rule
- Update on two NOAA RESTORE projects:
 - Ecosystem Modeling and Fishery Management
 - Red Snapper Management Strategy Evaluation Tool

