

# Yellowtail Snapper Management and Assessment History

SEDAR 64 Yellowtail Snapper Benchmark Assessment

Data Workshop: June 25-27, 2019



# Assessment History

## SEDAR 3 (2003)

- Unit stock: South Atlantic and Gulf of Mexico as a single unit
- Integrated and Statistical Catch-at-Age models applied to data from 1981 - 2001
- Combined Sex Models, Ages 0 – 15+
- Constant natural mortality (0.20)
- Spawning offset: July 15
- 3 Fleets, 3 Fishery Dependent Indices, 1 Fishery Independent index
- Release mortality: 30%
  - **The population was not overfished or experiencing overfishing. The population was estimated at nearly two times the size that would produce the maximum sustainable yield.**



# Assessment History

## SEDAR 27A (2012)

- Unit stock: South Atlantic and Gulf of Mexico as a single unit
- Statistical catch-at-age model (ASAP2) applied to data from 1981 through 2010
- Combined Sex Model, Ages 1 – 12+
- Age-specific natural mortality based on maximum age of 23
- Spawning offset: July 1
- 3 Fleets, 3 Fishery Dependent Indices, 1 Fishery Independent index
- Release mortality: 10% for Recreational, 11.5% for Commercial
  - **The population was not overfished or experiencing overfishing. The population was estimated at three times the size that would produce the maximum sustainable yield.**



# Size and Trip Limit History – Federal Waters

## **South Atlantic (3 - 200 Miles)**

### Commercial

- Size Limit
  - 12” (305mm) TL (8/31/1983 – present)

### Recreational

- Size Limit
  - 12” (305mm) TL (8/31/1983 – present)
- Trip Limit (1/1/1992 – present)
  - Aggregate daily bag limit of 10 snappers

## **Gulf (10 -200 Miles)**

### Commercial

- Size Limit
  - 12” (305mm) TL (2/21/1990 – present)

### Recreational

- Size Limit
  - 12” (305mm) TL (2/21/1990 – present)
- Trip Limit (2/21/1990 – present)
  - Aggregate daily bag limit of 10 snappers



# Size and Trip Limit History – State Waters

**South Atlantic (0 - 3 Miles) & Gulf (0 -10 Miles)**

## Commercial

- Size Limit
  - 12” (305mm) TL (7/1/1985 – present)

## Recreational

- Size Limit
  - 12” (305mm) TL (7/1/1985 – present)
- Trip Limit (12/1/1986 – present)
  - Aggregate daily bag limit of 10 snappers



# Quota History

## South Atlantic

### Commercial

- ACL
  - 1,142,589 lbs (4/2012 – 11/2012)
  - 1,596,510 lbs (11/2012 – present)
- Closures
  - 10/31/2015 – 12/31/2015
  - 6/3/2017 – 8/1/2017
  - 6/5/2018 – 8/1/2018

### Recreational

- ACL
  - 1,031,286 lbs (4/2012 – 9/2013)
  - 1,440,990 lbs (9/2013 – present)

## Gulf

### Commercial and Recreational Combined

- ACL
  - 725,000 lbs (1/30/2012 - 9/2/2013)
  - 901,125 lbs (9/3/2013 - present)

