This trend analysis is based on the results of the stock assessment completed in 2013. The most recent stock assessment (2021), continues to show the stock is in poor condition, but quantitative estimates of stock size and reference points could not be estimated.
The JABBA and stock synthesis models were combined for stock status purposes, but the time series information was available for the separate models only.

**Overfishing F/FMSY ≥ 1**

**Stock Rebuilt B/BMSY ≥ 1**

**Overfished B/BMSY ≤ 0.85**

Overfished Declaration

Rebuilding Plan 2001 – No target end date
Greater amberjack - Gulf of Mexico

Overfishing $\frac{F}{F_{MSY}} \geq 1$
Stock Rebuilt $\frac{B}{B_{MSY}} > 1$
Overfished $\frac{B}{B_{MSY}} < 0.75$
The 2012 estimate of fishing mortality ($F/F_{MSY}=3.12$) was adjusted using Mohn’s rho, to account for the retrospective pattern of underestimating fishing mortality; this adjustment was judged to be the best measure of fishing mortality and is the ratio reported in support of stock status (is a more conservative estimate). The 2017 stock assessment was not accepted so the results from the 2013 stock assessment are presented here (the 2013 assessment supports the status of this stock).
Two models were used in this assessment, neither of which were the preferred alternative.

The 2019 estimates of F/Fmsy were retro adjusted, where Model 1 = 1.44 and Model 2 = 0.98.