

SEDAR 51 Pre-Assessment Workshop Webinar
June 27, 2017 from 1:00 PM to 2:00 PM
Summary Report

Landings

Recreational landings make up the bulk of landings for gray snapper (~91%). Commercial landings are primarily from the vertical line component, with historical net landings making up a large proportion of the landings from the mid-1980s. Recreational landings come from private boats, for-hire boats, spear, shore, and “other”, resulting in a diverse universe of recreational effort. Recreational discards increase dramatically in 1990 when the minimum size limit was established, and come primarily from the shore mode.

Life History

A large number of otoliths were available for gray snapper for both fishing sectors. The growth curve is for all sexes combined. Multiple runs for the age-length curve all returned very similar results. Approximately 50% of gray snapper are mature at 2.3 years; also of note is a more gradual rate of maturation compared to other snapper species. The maximum recorded age is 32 years, but the model will use a maximum age of 28 (verified with radiocarbon dating).

CPUE Indices

Several indices were compared, with various lengths of duration. MRFSS-Private shows a large increase in the relative index following the 2010 oil spill; a similar signal is observed for the shore index. The NMFS/FWRI video survey shows a recent increase as well, albeit with less data. FWRI indices are increasing (age-1) or highly variable with recruitment (age-0). The SEAMAP Trawl index is somewhat underdeveloped by comparison, and along with the SEAMAP video index also shows an increasing trend in recent years.

Modeling

The model will be length-based, with annual mortality applied using age-length keys. Stock synthesis will be used as the modeling environment, with eight indices and eight fleets. More to come later.

<p>The Data Workshop Report will be distributed ASAP The first Assessment Webinar will be July 26th, 2017 from 1:00 – 3:00 PM</p>
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Participants:

Adam Pollack	Adyan Rios	Beth Wrege	Ching-Ping Chih
David Chagaris	David Hanisko	Erik Lang	Jay Gardner
Jim Tolan	Joe West	Kelly Fitzpatrick	Kevin McCarthy

Larry Beerkircher
Michael Drexler
Julie Neer
Skyler Sagarese

Linda Lombardi
Nancie Cummings
Ryan Rindone
Ted Switzer

Kerry Flaherty-Walia
Robert Allman
Ryan Bradley
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Matt Smith
Jeff Isely
Shannon Calay