



Gulf of Mexico Fishery Management Council

Managing Fishery Resources in the U.S. Federal Waters of the Gulf of Mexico

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Stock Assessment Executive Summary Proposal

The following items have been identified by Gulf of Mexico Fishery Management Council (Council) staff as particularly useful for developing amendments to fishery management plans, and for some data-limited assessment methods. Though not exhaustive, this list represents the most frequently requested information from stock assessments by Council and Southeast Regional Office staff that were ultimately used in the assessment:

- Description of the landings data (clarify A+B1 or A+B1+B2; 1 paragraph)
 - Include the sources of the data and the type of data (e.g., MRIP vs. MRFSS vs. MRIP with FES/APAIS)
 - Table of landings (1986:Present) in the assessment (numbers/weight)
- Table or list of meristic conversions used in the assessment
- Sex-specific (or combined, if not sex-specific) growth curve (and equation(s)) and weight-length curve; A_{50} ; L_{50}
- Type of model used; justification (1 paragraph)
- Important assumptions and limitations of the model (1 – 2 paragraphs)
- How discards were treated (e.g., discard mortality rate by sector; 1 paragraph)
- MSRA Table with, minimally:

○ Base M	○ SSB_{MSY}
○ Steepness	○ MSST
○ Generation time	○ SSB_{OY}
○ F_{MSY}	○ $SSB_{Current}$
○ MFMT	○ $SSB_{Current}/SSB_{MSY}$
○ F_{OY}	○ $SSB_{Current}/MSST$
○ $F_{Current}$	○ Stock status
○ $F_{Current}/F_{MSY}$	
- Stock status and Kobe plot
- Stock projection at $F_{Current}$ and/or most recent landings
- Description of the units of projections (i.e., MRIP or something else, in weight and/or numbers) and if this is similar or different from the quota monitoring units (1 paragraph)
- Rebuild time period, if necessary
- Research recommendations for future assessments (brief)