

Assessment Summary Report Outline

1. Executive summary
 - a. No more than three or four sentences about the stock assessment: who, what where, when
2. Stock status and determination criteria
 - a. State whether the stock is overfished or experiencing overfishing, and how those determinations were made ($F_{\text{Current}}/MFMT$, $SSB_{\text{Current}}/MSST$)
 - b. Add MSRA table with stock benchmarks, including those from the previous assessment
 - i. Include $B_{\text{Current}}/B_{\text{MSY}}$ and $F_{\text{Current}}/F_{\text{MSY}}$
3. Stock identification and management unit
 - a. State the species name, its range, and the management unit examined in the stock assessment
4. Assessment methods
 - a. Briefly describe the modeling environments used in the assessment
5. Assessment data
 - a. Provide short (1-3 sentences) descriptions of the data used in the assessment:
 - i. Fishery-independent indices of abundance
 - ii. Fishery-dependent indices of abundance
 - iii. Discard mortality data
 - iv. Life History
 1. Note growth equation
 2. M , how estimated, and model sensitivity to changes in M
 - v. Selectivity and catchability, if available
6. Release mortality
 - a. State discard mortality rates used by index, and how those rates were determined
7. Catch trends
 - a. Describe changes in recreational and commercial landings over time
8. Fishing mortality trends
 - a. Use supporting figures
9. Stock abundance and biomass trends
 - a. Use supporting figures
 - b. Spawner-recruit relationship with comments on steepness and how it was assigned; also how was recruitment calculated in final years of model and projections
10. Scientific uncertainty (including brief description of sensitivity runs)
11. Significant assessment modifications
12. Sources of information for the ASR
13. Tables
14. Figures