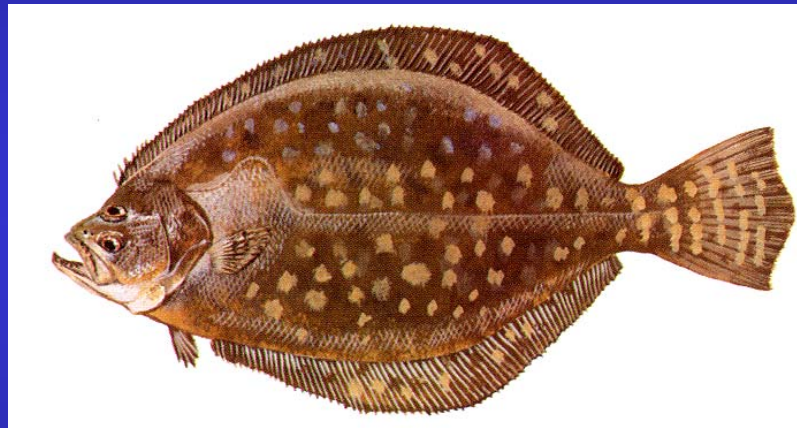


2008 Southern Flounder Stock Assessment: Progress Report



Chris Batsavage, NCDMF
September 25, 2008



- Background
- Timeline
- Model
- Data
- Landings & Index Trends
- Summary



Background

- Previous Stock Assessment in 2004 (1991-2002)
- Stock overfished, overfishing occurring
- 2005 Southern Flounder FMP implemented mgmt. measures to end overfishing
- Provision in FMP to re-assess southern flounder stock in 3 years (2008)



Timeline

- Data workgroup formed and data compilation began (Feb. 2008)
- Data Workshop (Mar. 2008)
- Data compilation completed (Jun. 2008)
- Stock assessment model runs began (late Jun. 2008), completed late Aug. 2008.
- Stock Assessment draft report completed Sep. 2008



Model

- ASAP forward projecting, catch @ age model
- NC only assessment, 1991-2007
- Previous stock assessment—VPA model
- ASAP model used for latest peer-reviewed summer flounder stock assessment



Fishery Dependent Data

- Comm. catches @ age (G/N, P/N, Gig, Misc. fisheries, G/N discards)
- Rec. catches @ age (H&L/Gig, RCGL, H&L and RCGL discards)
- Commercial G/N CPUE
- Recreational H&L CPUE



Fishery Independent Data

- Albemarle Sd. Independent G/N Survey
- Pamlico Sd. Independent G/N Survey
- Pamlico Sound Trawl Survey
- Estuarine Trawl Survey
- NOAA/NMFS Beaufort Inlet Bridge Net Survey



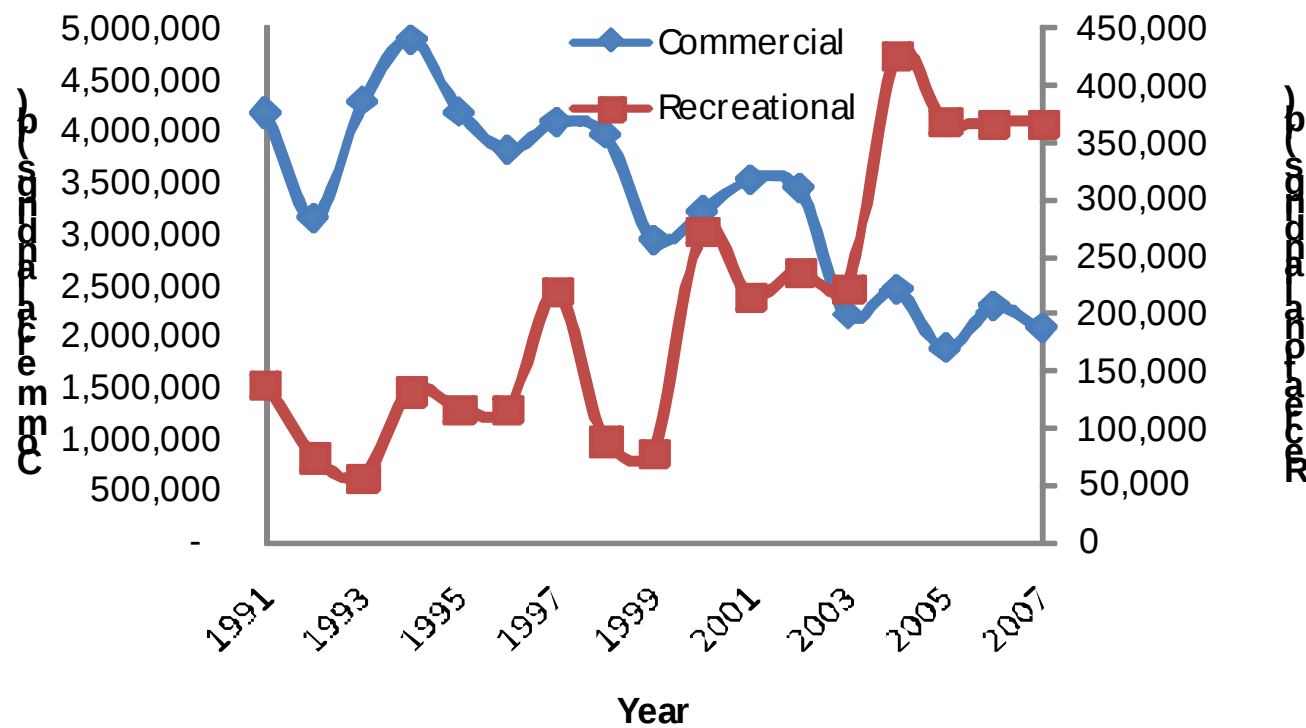
Landings & Index Trends

Caveat: Individual trends of indices & landings are not necessarily indicative of the stock status of southern flounder

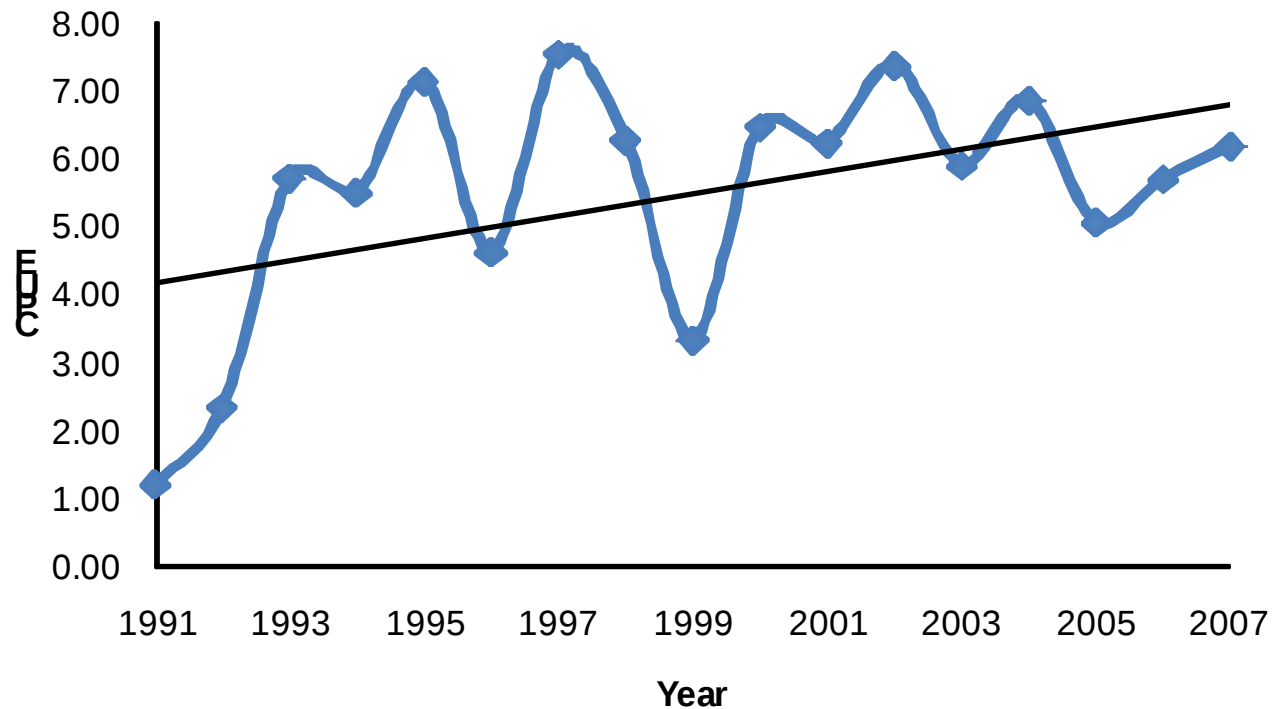
- Stock assessment collectively analyzes all of the data, which will determine the stock status



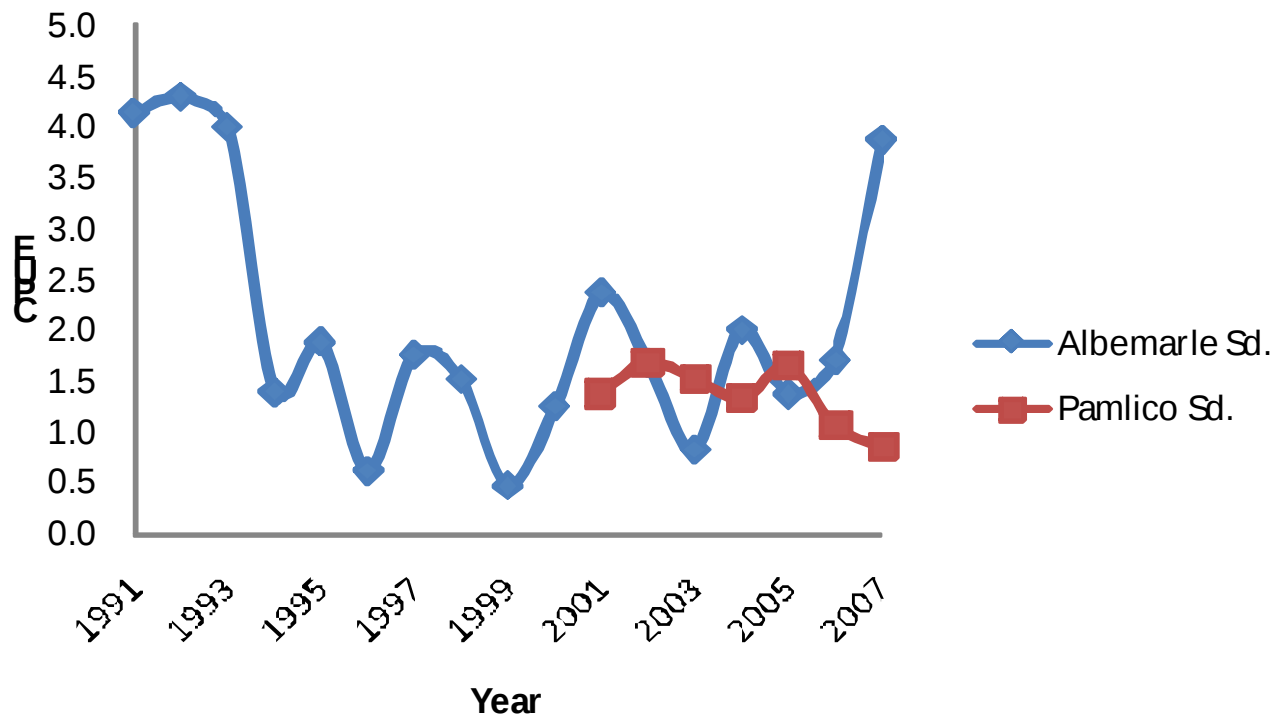
Rec. & Comm. Landings



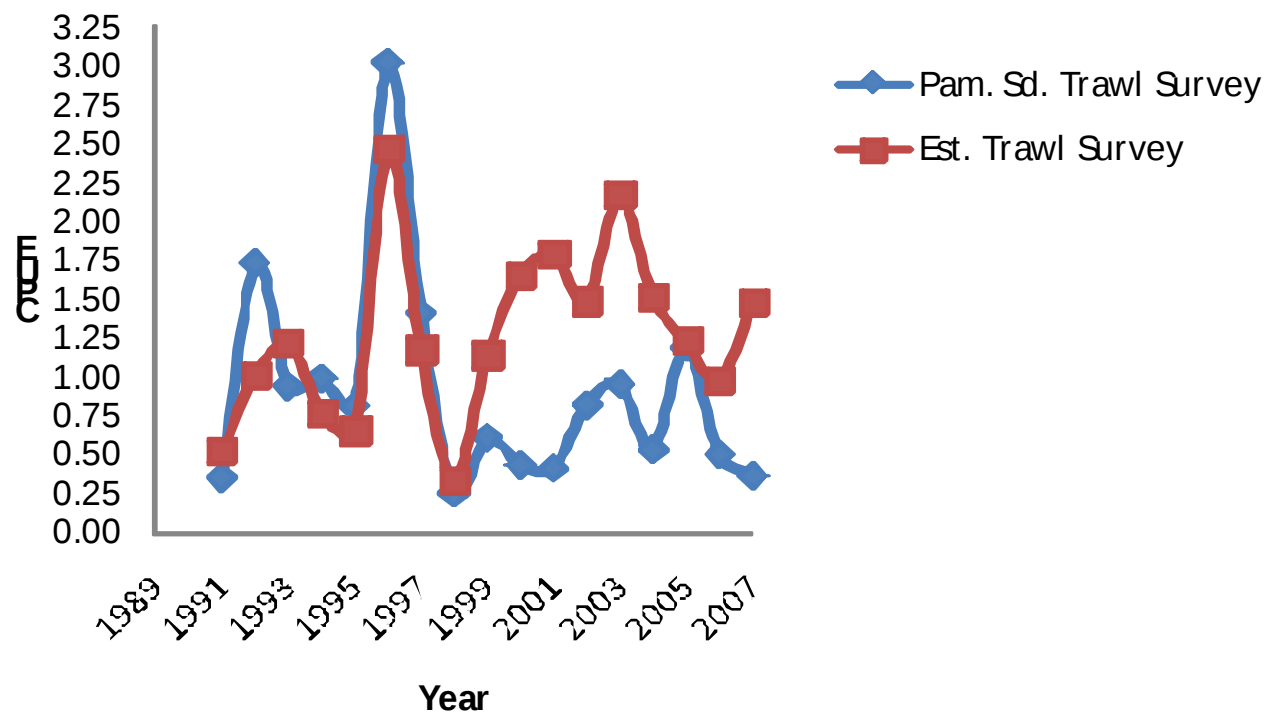
Recreational H&L CPUE



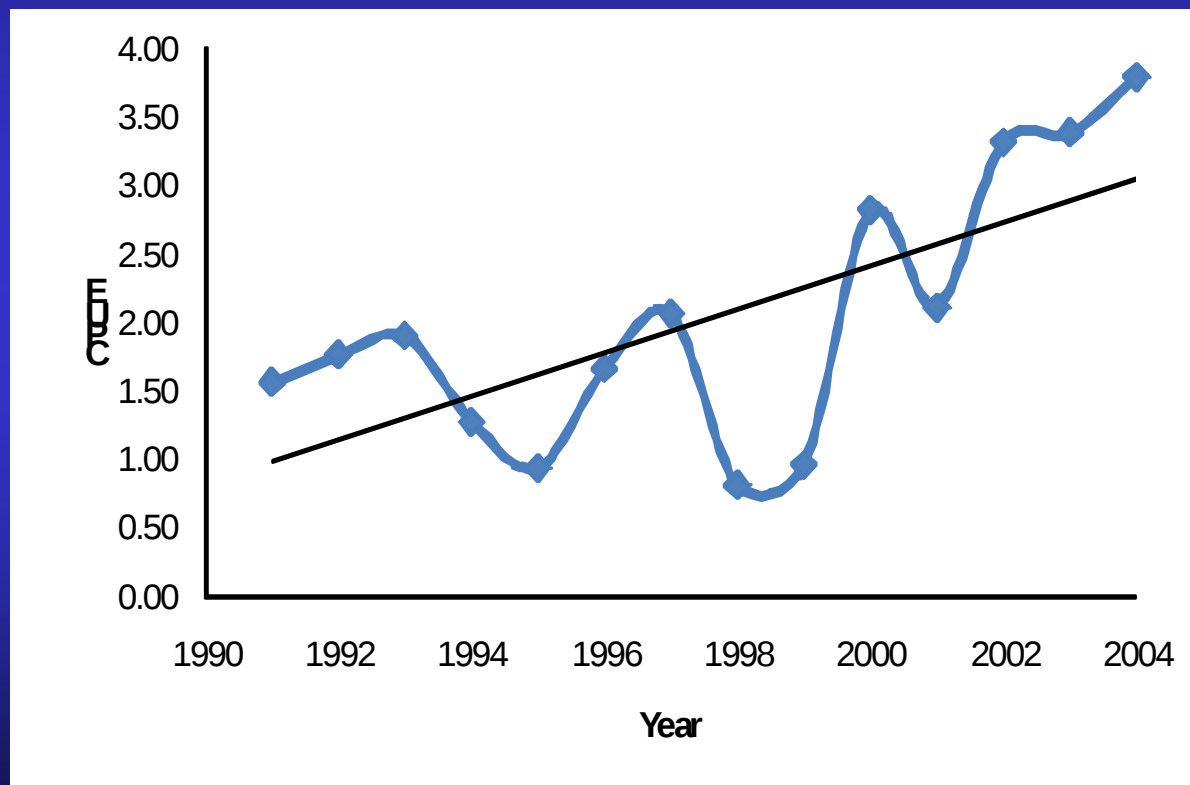
Independent Gill Net Survey CPUEs



Trawl Survey CPUEs



NOAA/NMFS Beaufort Inlet Bridge Net Survey CPUE



Summary

- Updated stock assessment awaiting peer review before it is finalized
- Updated assessment has 5 more years of data and more data sources than previous assessment
- Different model used for updated assessment

