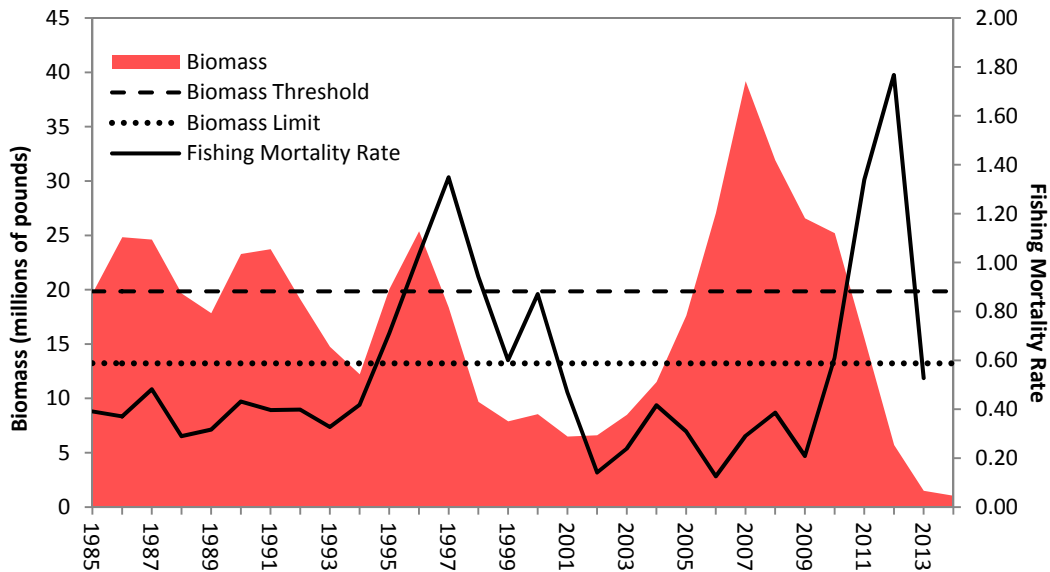


Overview of Stock Status Northern Shrimp, *Pandalus borealis*

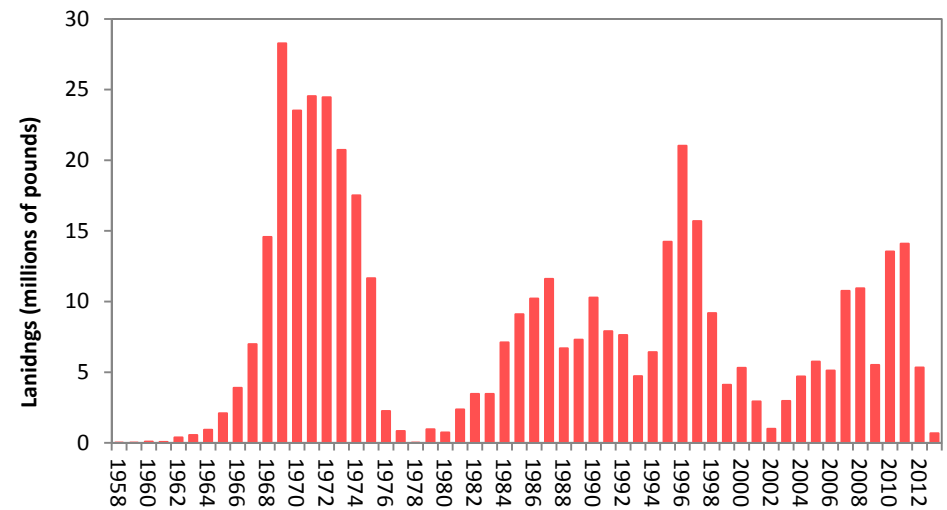
Gulf of Maine Northern Shrimp Total Stock Biomass and Fishing Mortality

Source: ASMFC Assessment Report for the Gulf of Maine Northern Shrimp, 2013



Northern Shrimp Landings, 1960 - 2013

Source: ASMFC Northern Shrimp Technical Committee, 2013



Timeline of Management Actions: FMP (1986); Amendment 1 (2004); Amendment 2 (2011); Addendum I (2012)

Management Considerations:

Condition: Overfished and overfishing is occurring. Benchmark stock assessment to be peer reviewed in January 2014.

FMP Stock Rebuilding Goals:

Amendment 1:

Fishing Mortality Target = 0.38

Fishing Mortality Threshold = 0.48

Fishing Mortality Limit = 0.6

Stock Biomass Threshold = 19.8 million pounds (9,000 mt)

Stock Biomass Limit = 13.2 million pounds (6,000 mt)

FMP Rebuilding Schedule: None. Management action triggered when fishing mortality exceeds $F = 0.48$ or biomass falls below threshold.

FMP Status:

- Amendment 2, approved in October 2011, includes a new suite of management tools, such as trip limits, trap limits, and days out of the fishery, to control catch rates. The Amendment also modifies the fishing mortality reference points to include a threshold level, includes a more timely and comprehensive reporting system, and allows for the initiation of a limited entry program through the adaptive management addendum process. Addendum I, approved in November 2012, clarifies the annual specification process, and allocates the TAC with 87% for the trawl fishery and 13% for the trap fishery based on historical landings by each gear type.
- The Section placed a moratorium on the fishery for the 2014 fishing season to protect the remaining spawning population and reduce pressure on the collapsed stock.

Primary Management Measures:

Fishery specifications are set annually and primarily consist of seasonal closures, gear restrictions, and catch controls.