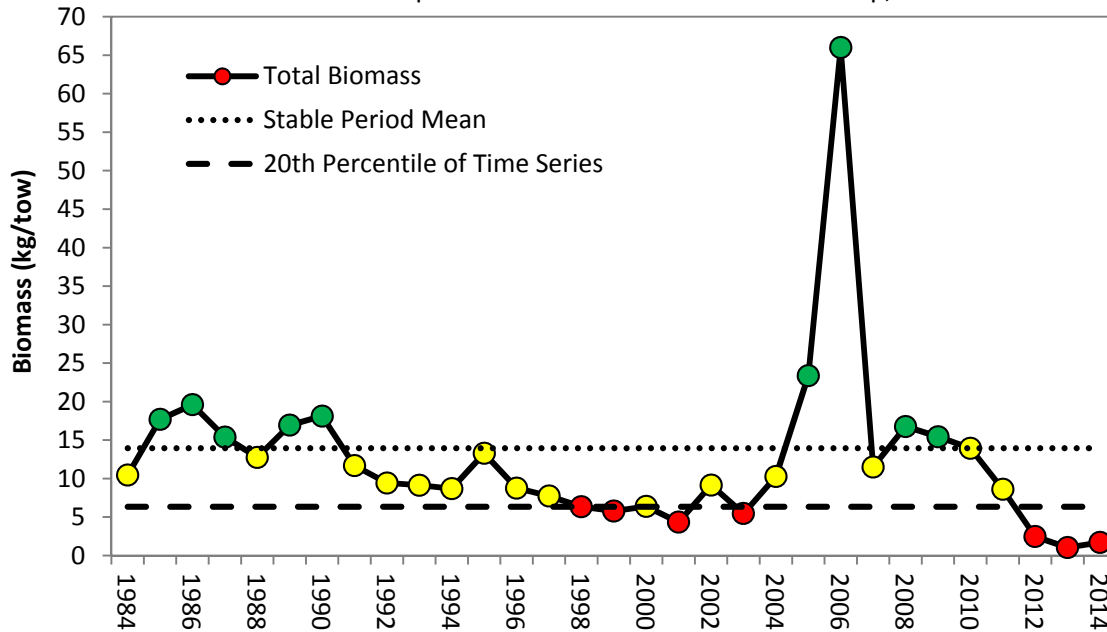


Overview of Stock Status Northern Shrimp, *Pandalus borealis*

**Total Biomass of Northern Shrimp
from the Gulf of Maine Summer Shrimp Survey**
Stock Status Report for Gulf of Maine Northern Shrimp, 2014



The graph represents the annual biomass index relative to the reference period (dashed line) and to the 20th percentile of the time series (dotted line). The reference period (1985-1994) is the time period during which the fishery experienced stable landings and value. Green dots are values that are equal to or above the stable period mean (SPM); red dots are values that are equal to or below the 20th percentile of the time series; yellow dots are values between the SPM and the 20th percentile.

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

Management Considerations:

Condition: Abundance and biomass indices lowest on record; recruitment indices also very low

FMP Stock Rebuilding Goals:

Fishing Mortality Target = 0.38

Fishing Mortality Threshold = 0.48

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

FMP Status:

- Amendment 2 includes a 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 and 2015 fishing seasons to protect the remaining spawning population and reduce pressure on the collapsed stock. It also initiated development of a new amendment to consider limited entry in the fishery.

Primary Management Measures:

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