

Figure B1. Distribution of white hake in the NEFSC spring and autumn surveys from 1993-1997.

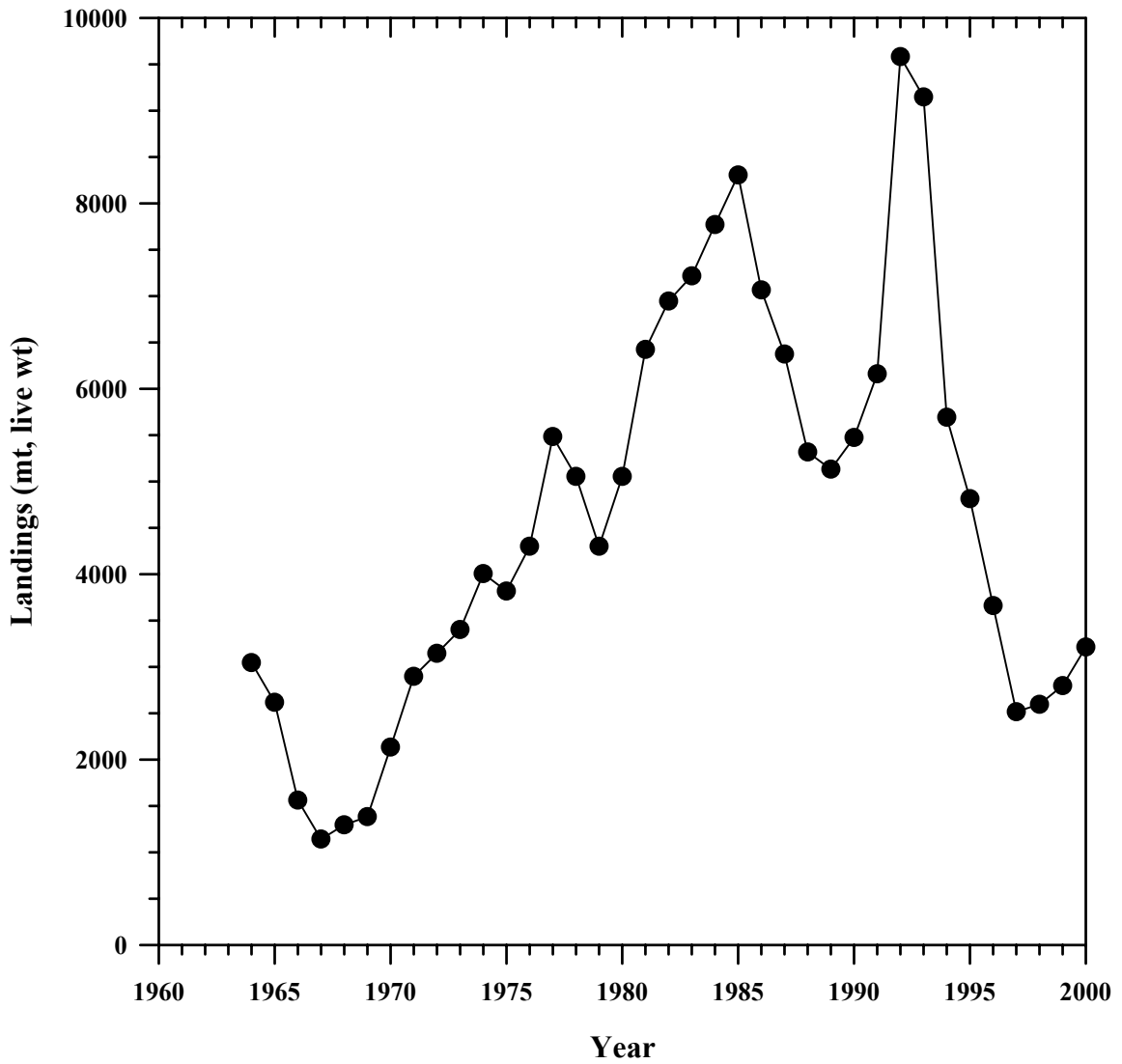


Figure B2. Total landings of white hake from the Gulf of Maine to Mid-Atlantic region, 1964-2000.

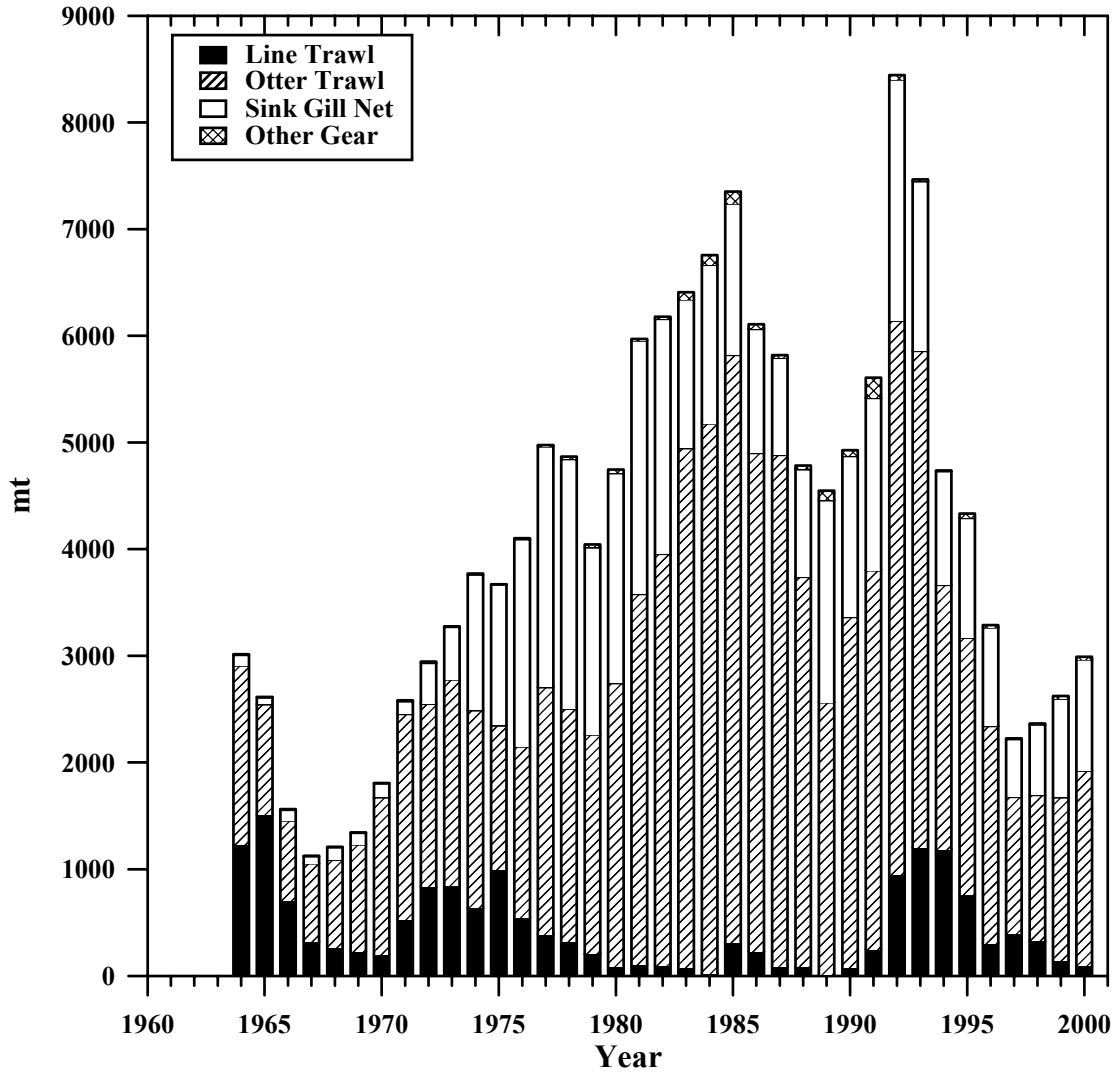


Figure B3. Total US landings of white hake (mt, live weight) by gear, 1964-2000.

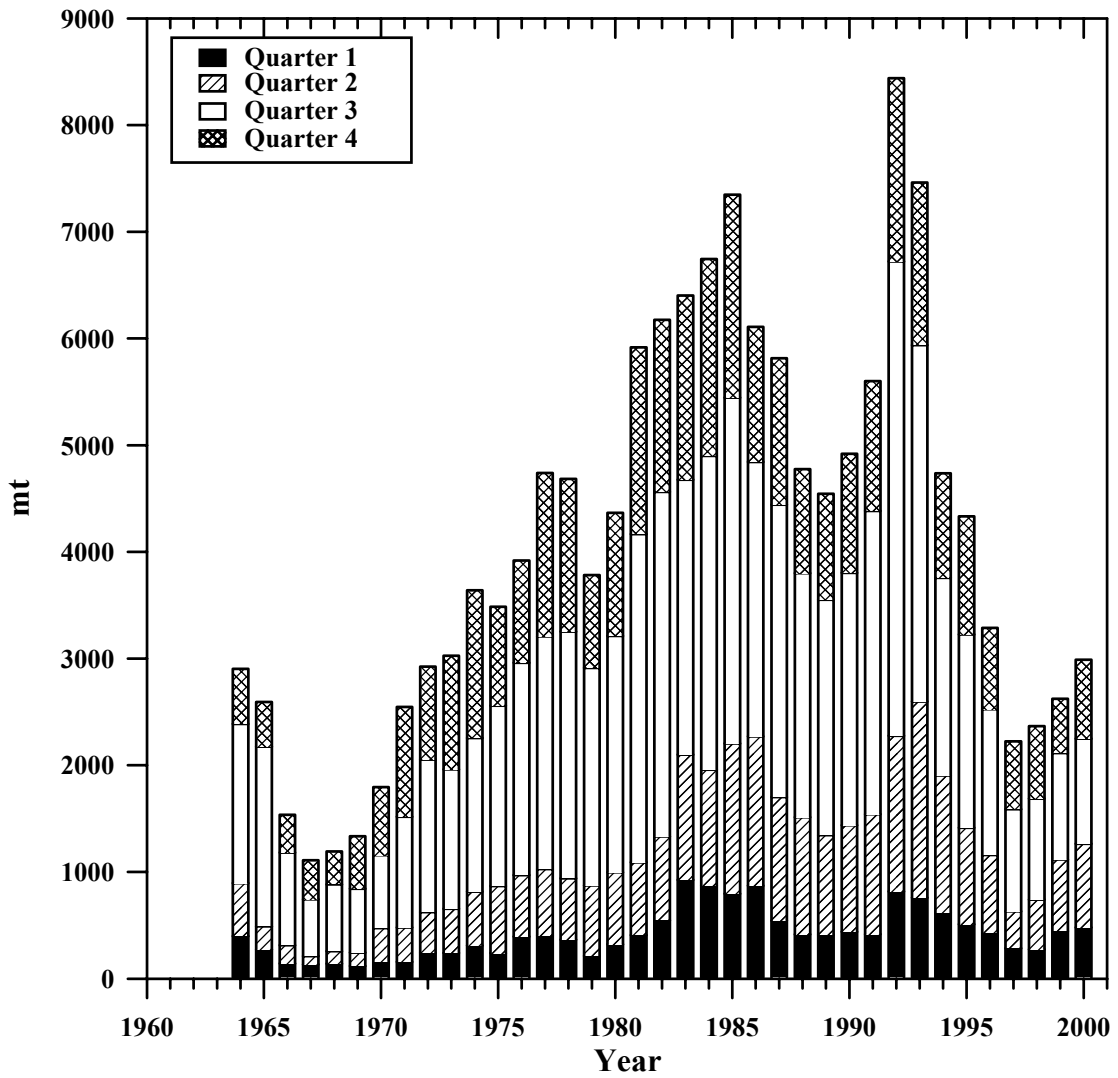


Figure B4. Total US landings of white hake (mt, live weight) by quarter, 1964-2000.

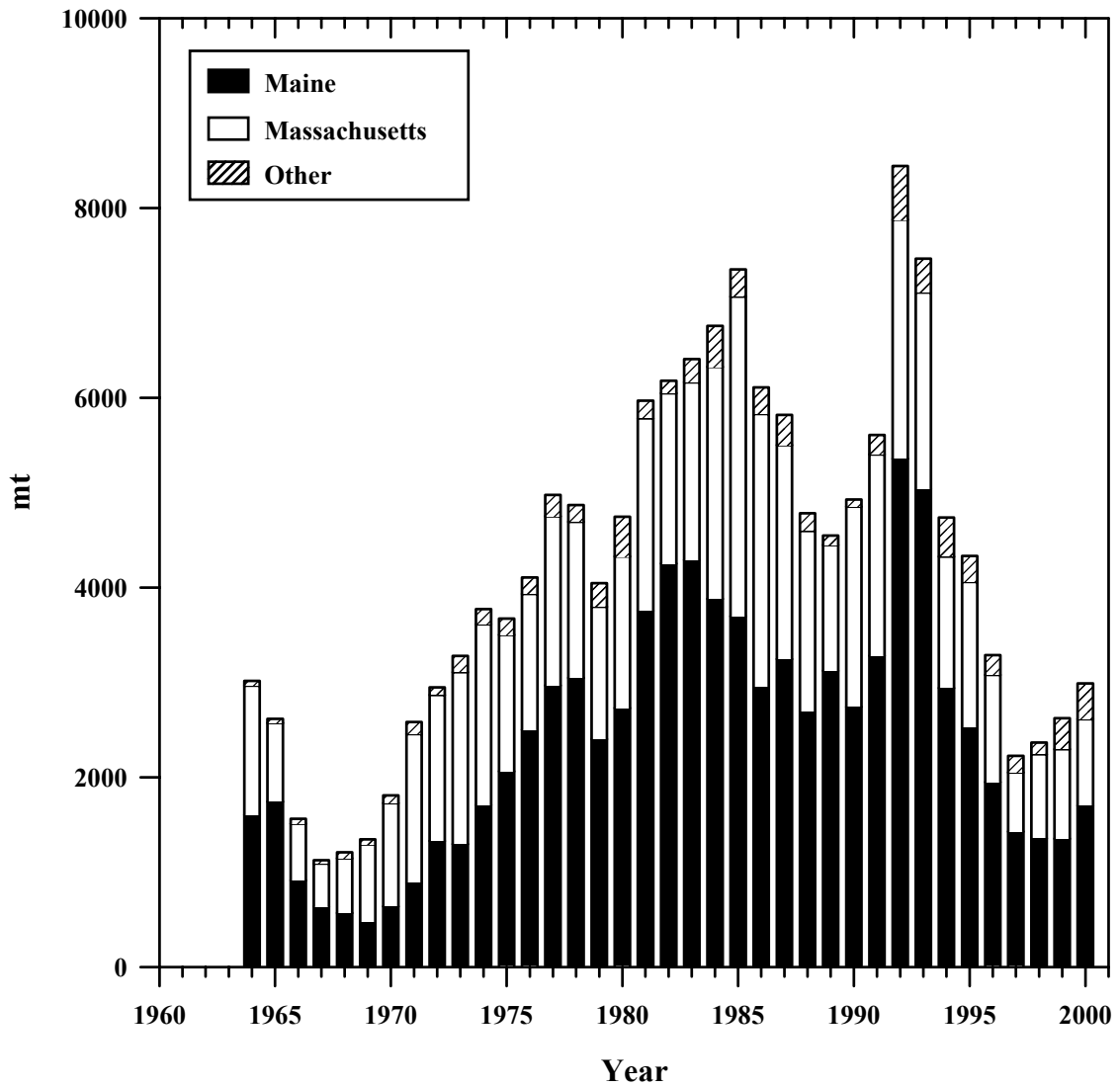


Figure B5. Commercial landings (mt, live weight) of white hake in Maine, Massachusetts, and other states.

## White Hake Commercial Landings-at-Age

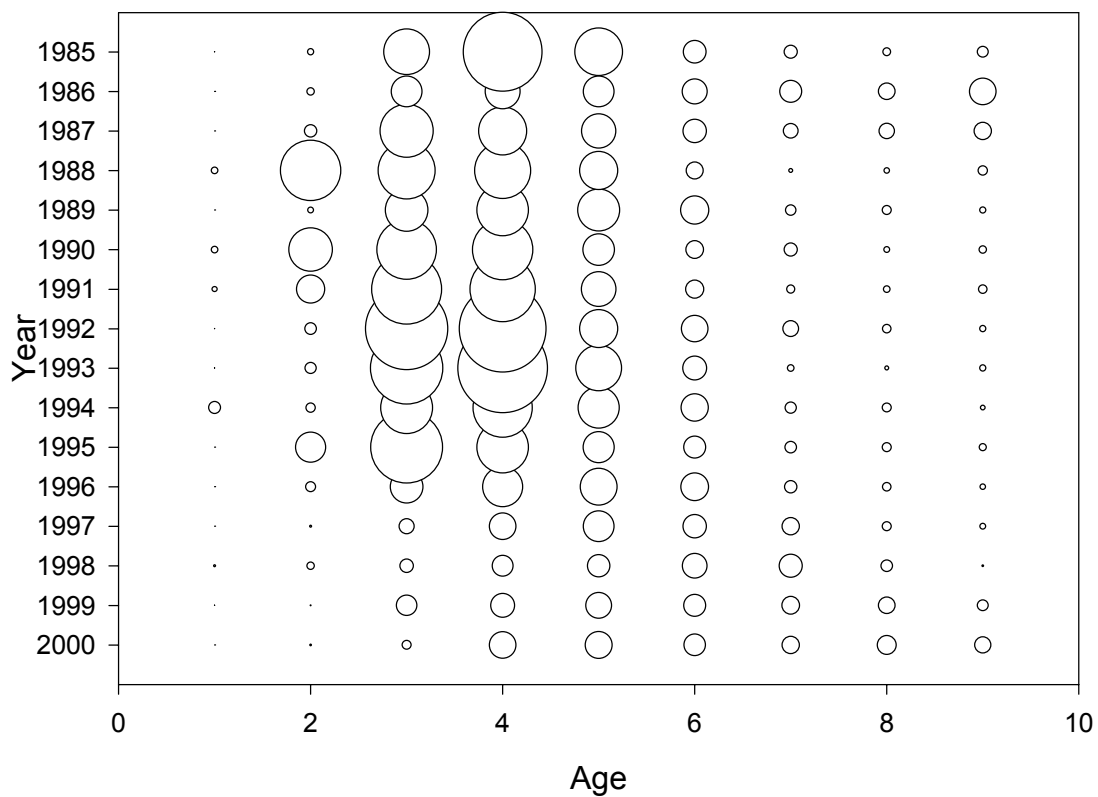


Figure B6. White hake commercial landings-at-age, 1985-2000.

### White Hake Commercial Discards-at-Age Otter Trawl Only

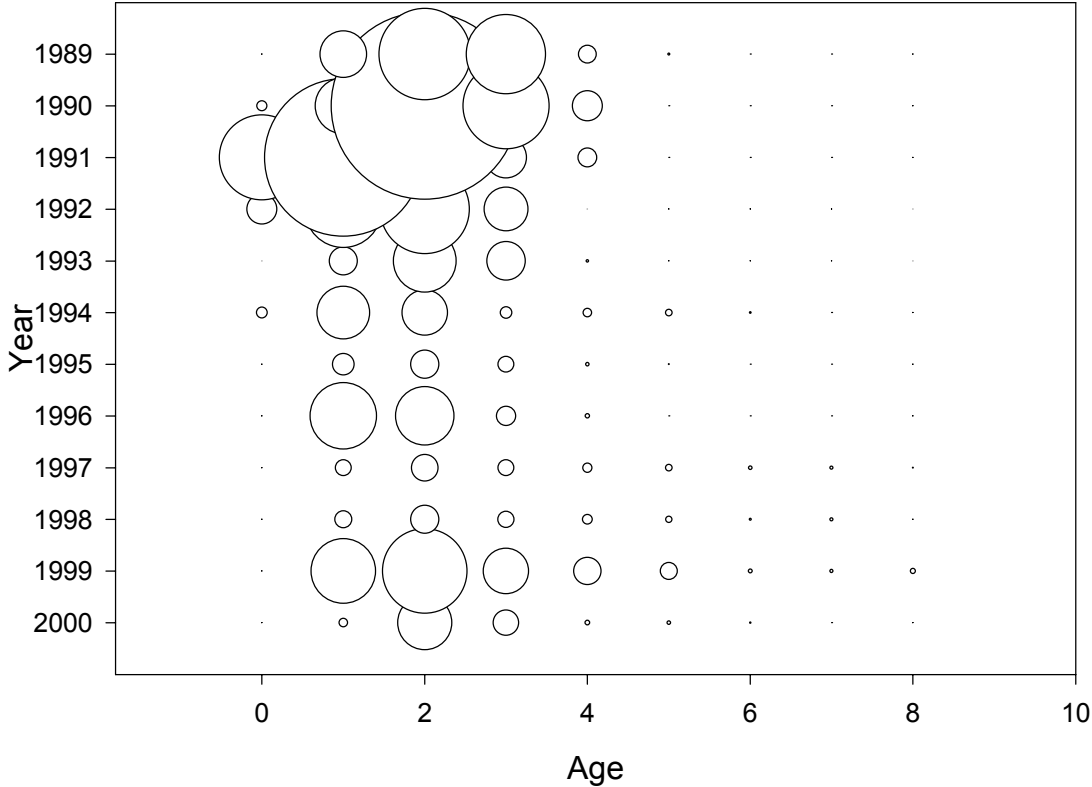


Figure B7. White hake commercial otter trawl discard-at-age, 1989-2000.

## White Hake Commercial Catch-at-Age

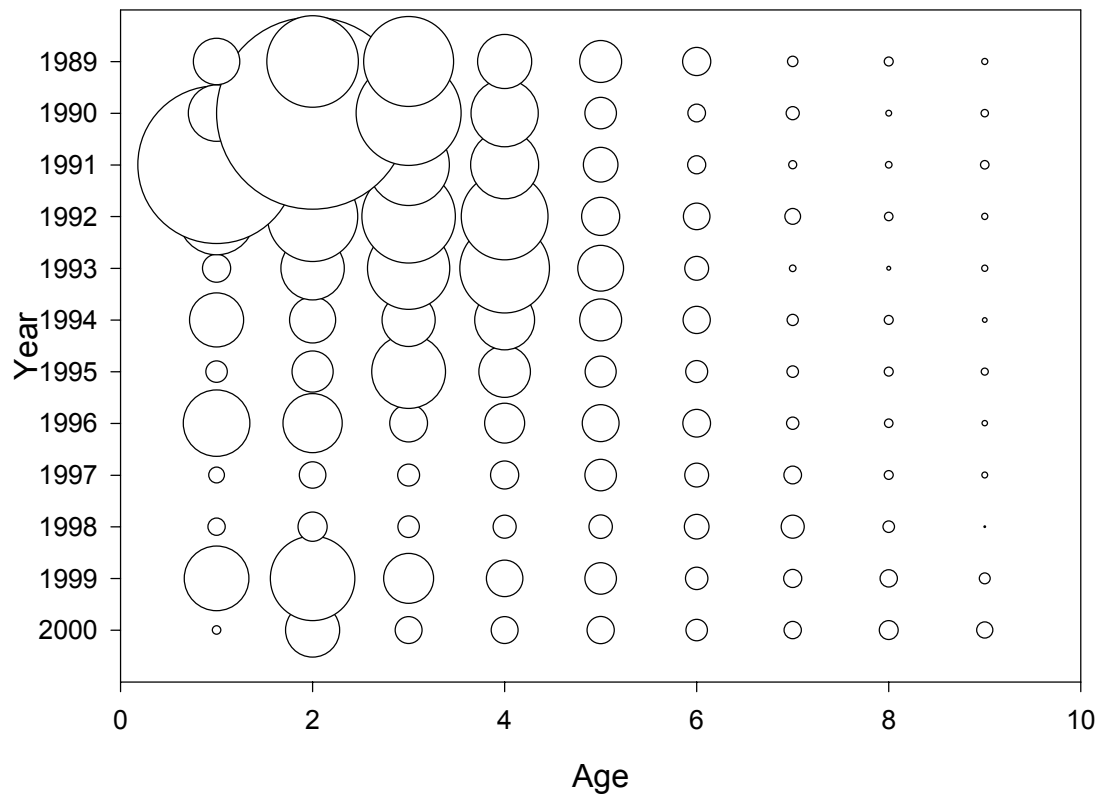


Figure B8. White hake catch-at-age, 1989-2000.



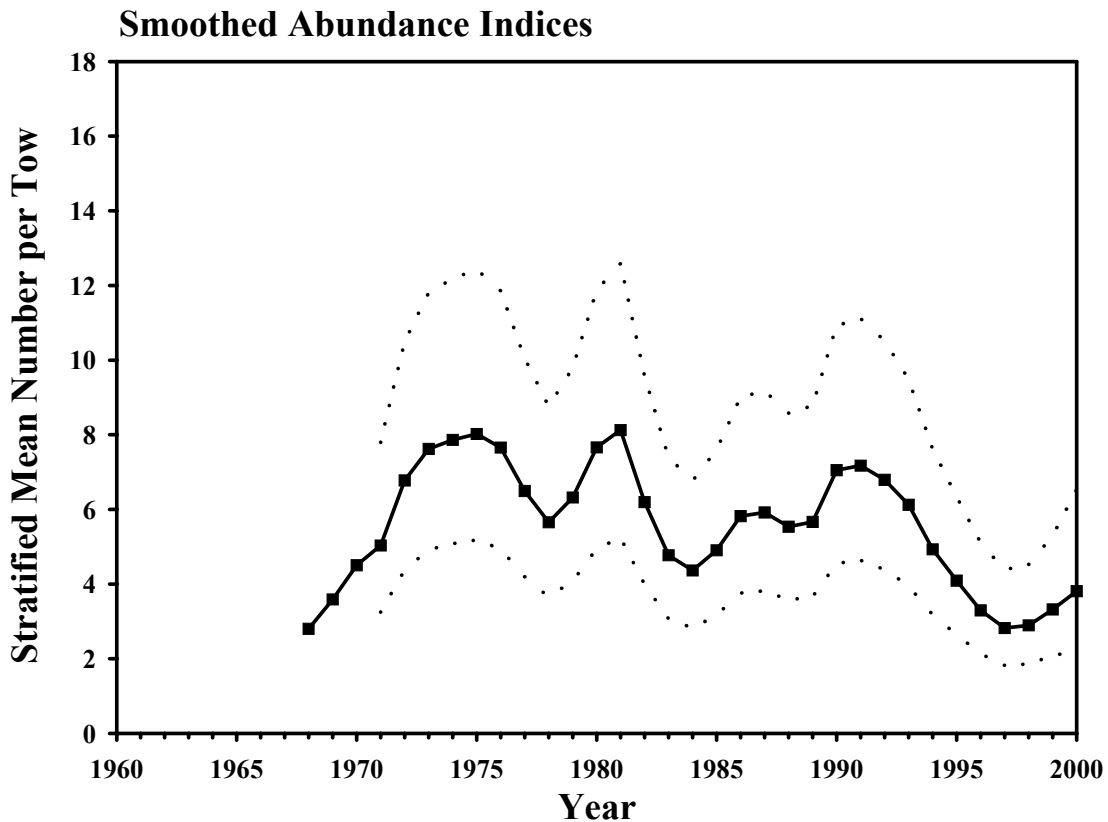
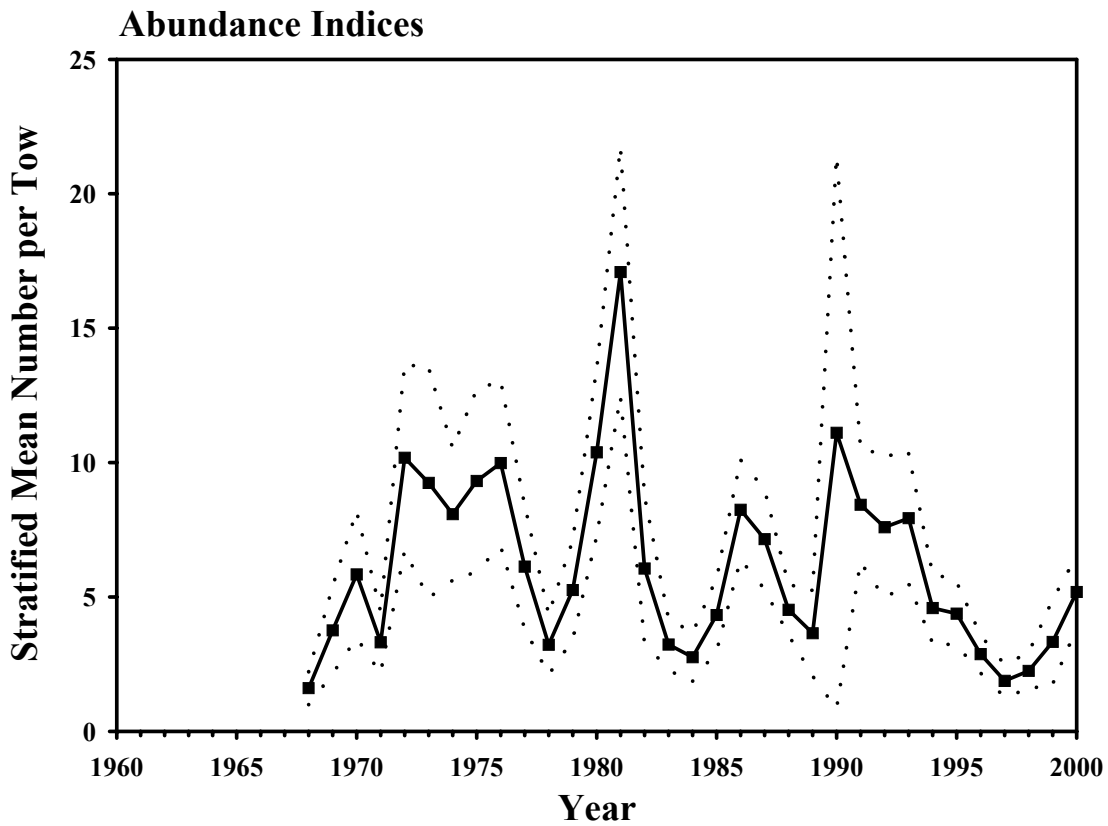


Figure B9. Abundance indices and smoothed indices from the NEFSC spring bottom trawl survey for the Gulf of Maine to Northern Georges Bank region from 1968-2000. The 95% confidence limits are shown by the dashed line.

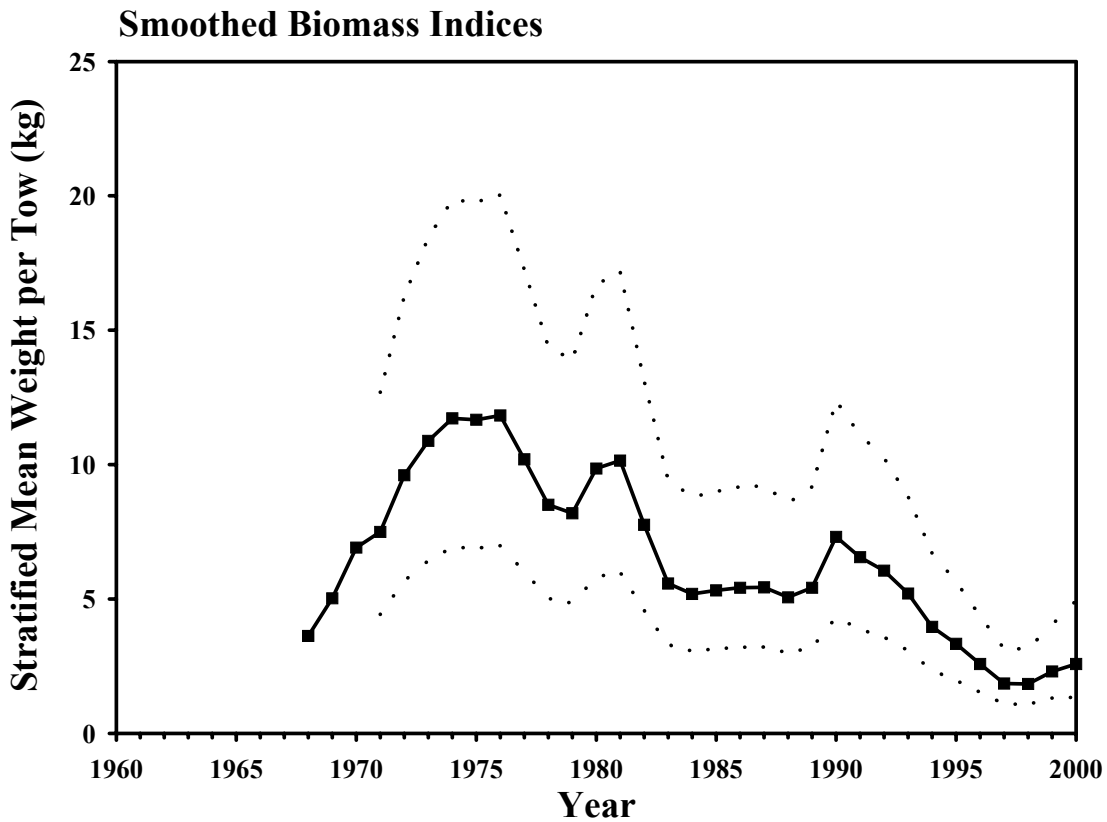
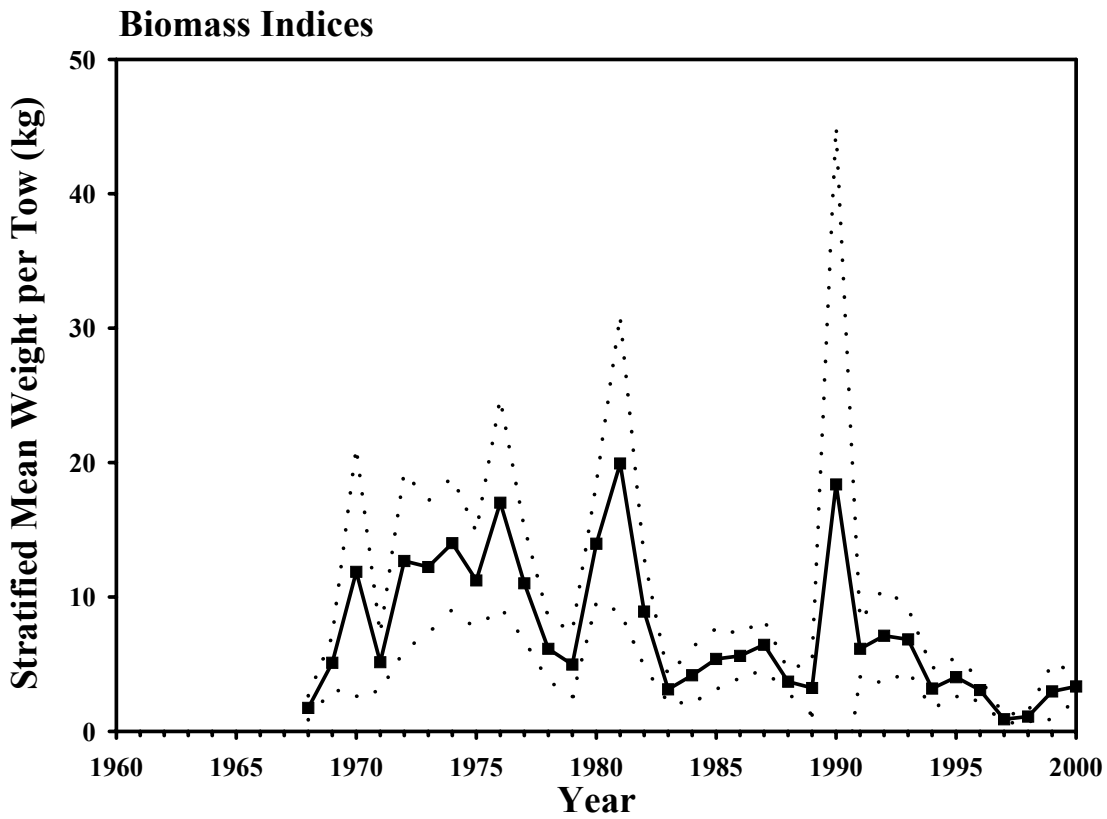


Figure B10. Biomass indices and smoothed indices from the NEFSC spring bottom trawl survey for the Gulf of Maine to Northern Georges Bank region from 1968-2000. The 95% confidence limits are shown by the dashed line.

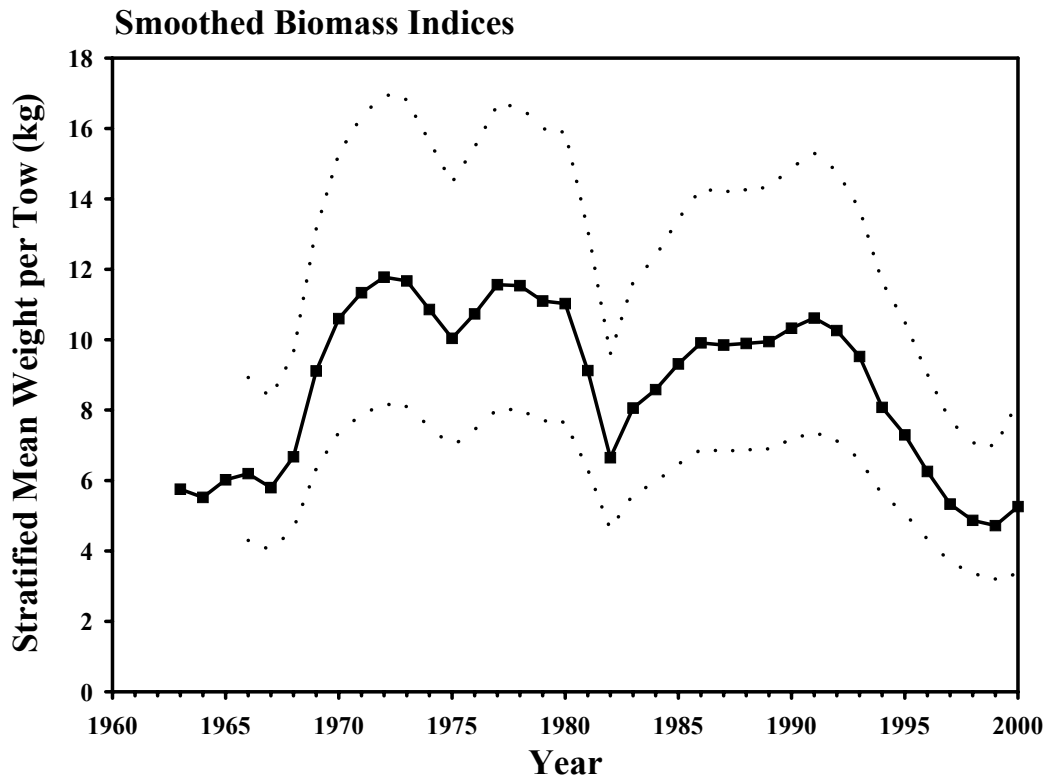
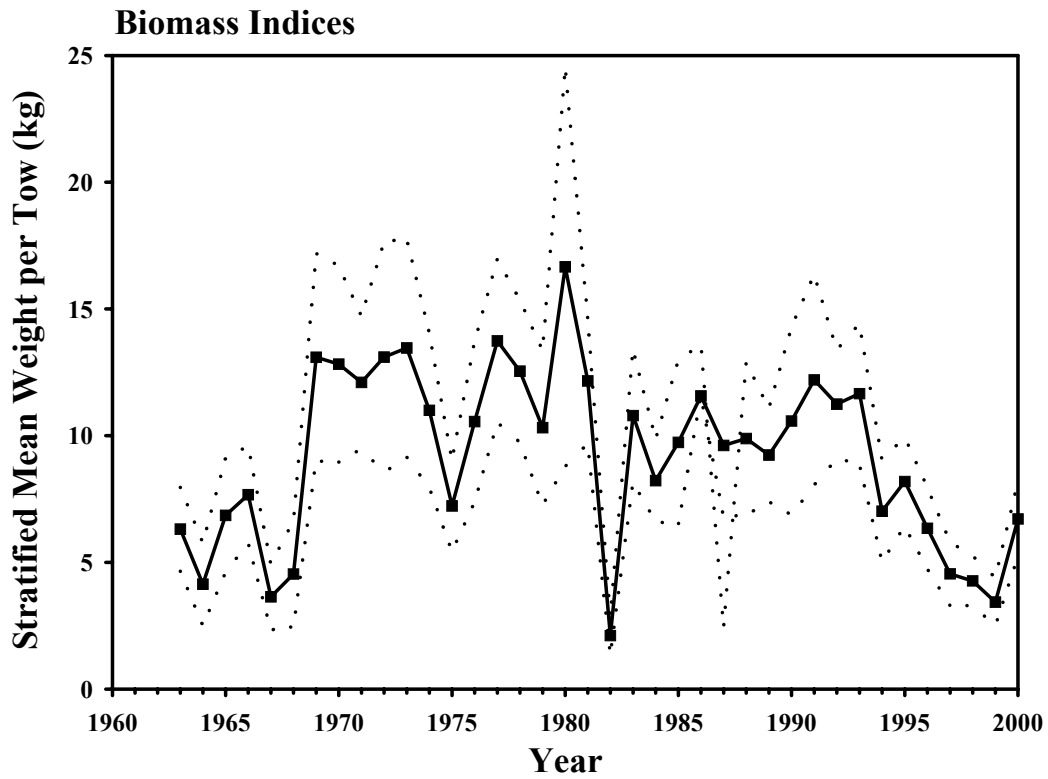


Figure B11. Biomass indices and smoothed indices from the NEFSC autumn bottom trawl survey for the Gulf of Maine to Northern Georges Bank region from 1963-2000. The 95% confidence limits are shown by the dashed line.

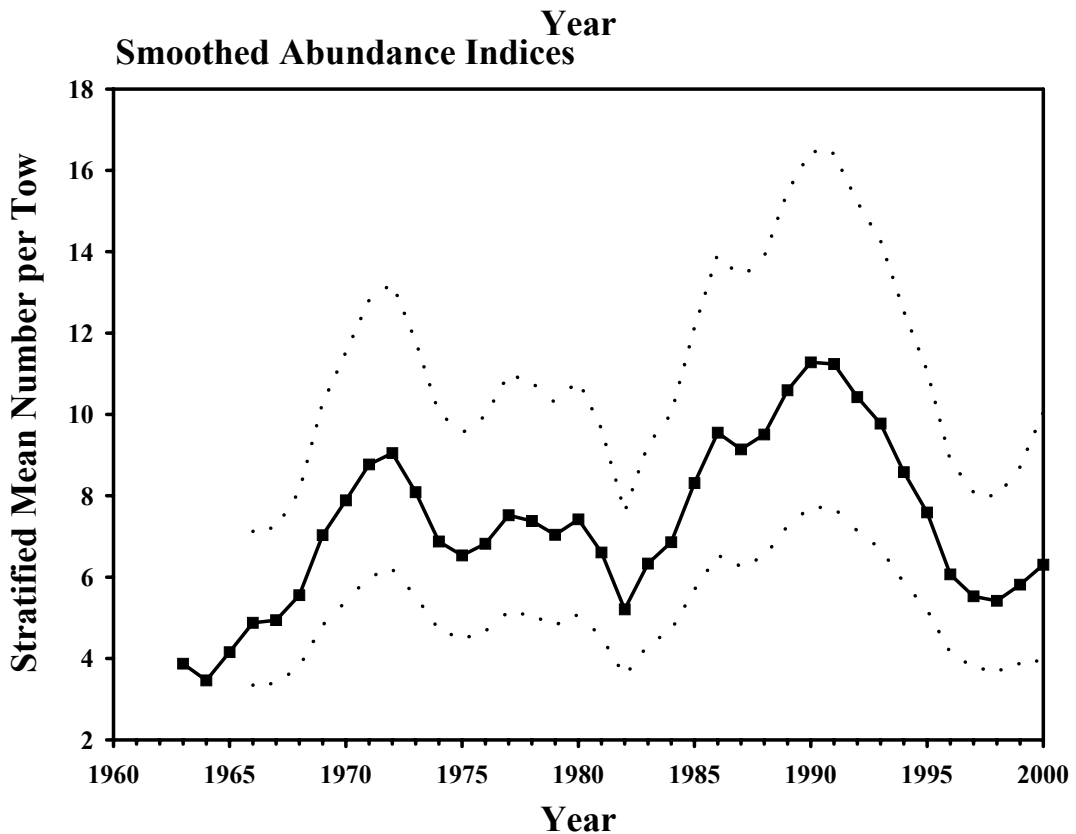
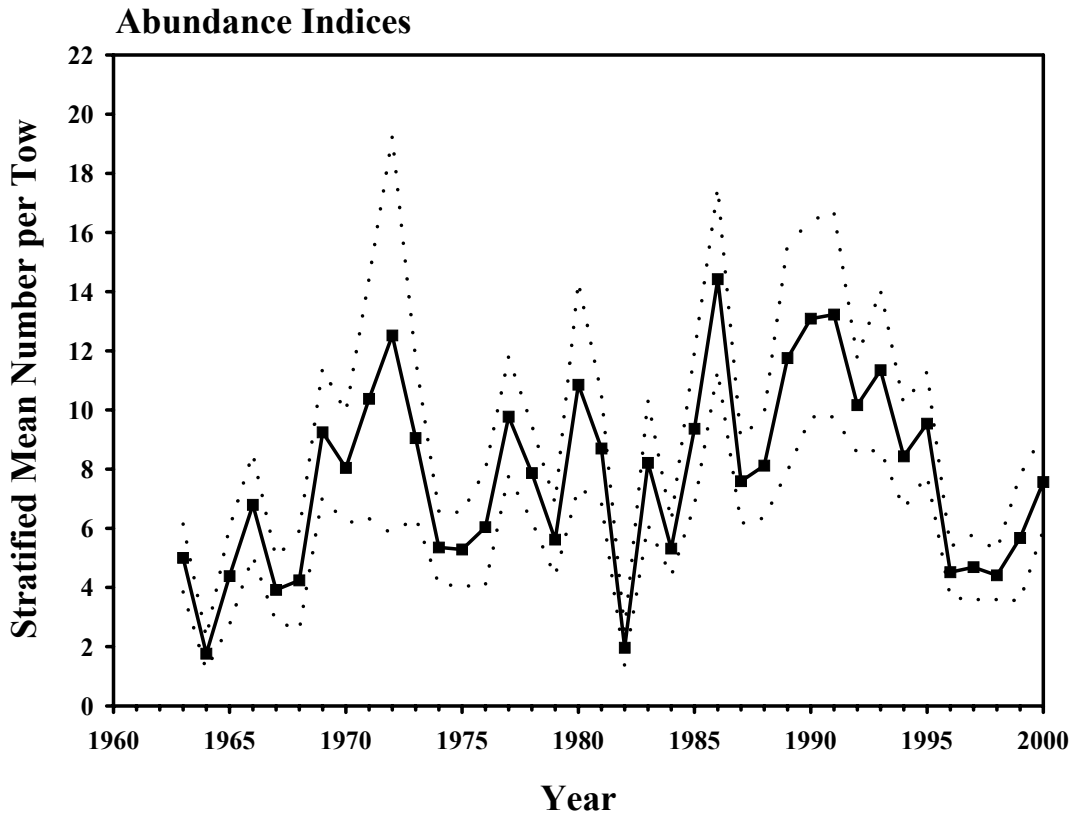
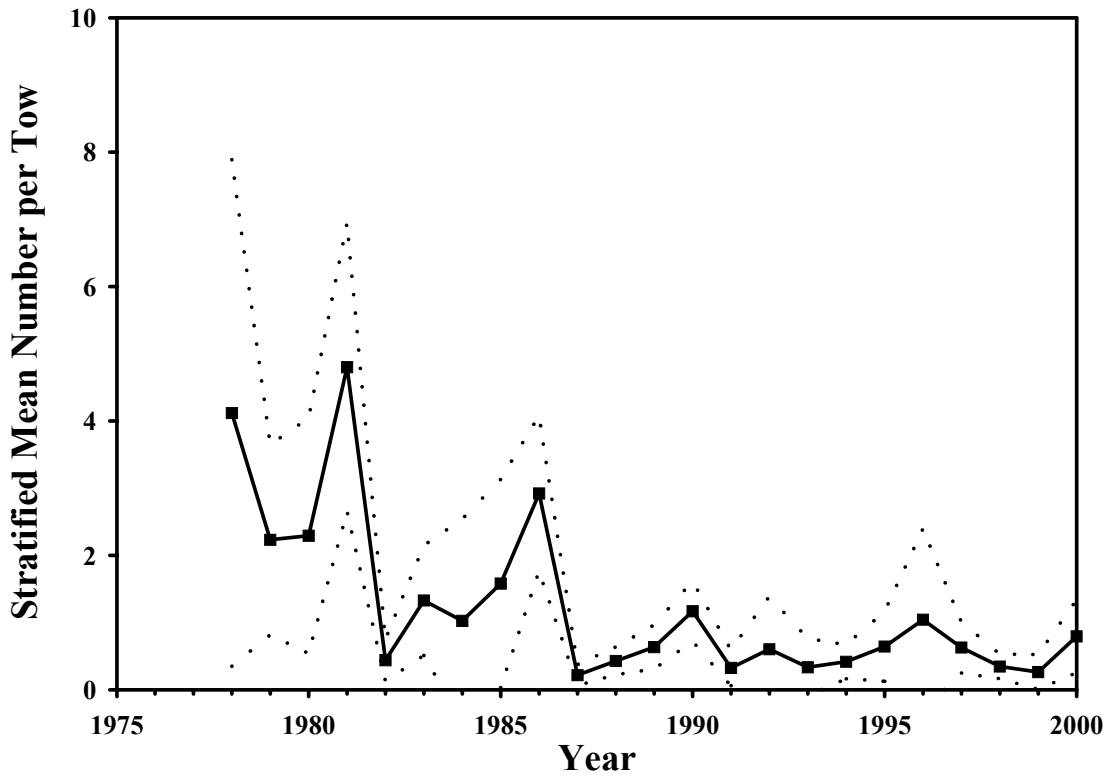


Figure B12. Abundance indices and smoothed indices from the NEFSC autumn bottom trawl survey for the Gulf of Maine to Northern Georges Bank region from 1963-2000. The 95% confidence limits are shown by the dashed line.

### Abundance Indices



### Biomass Indices

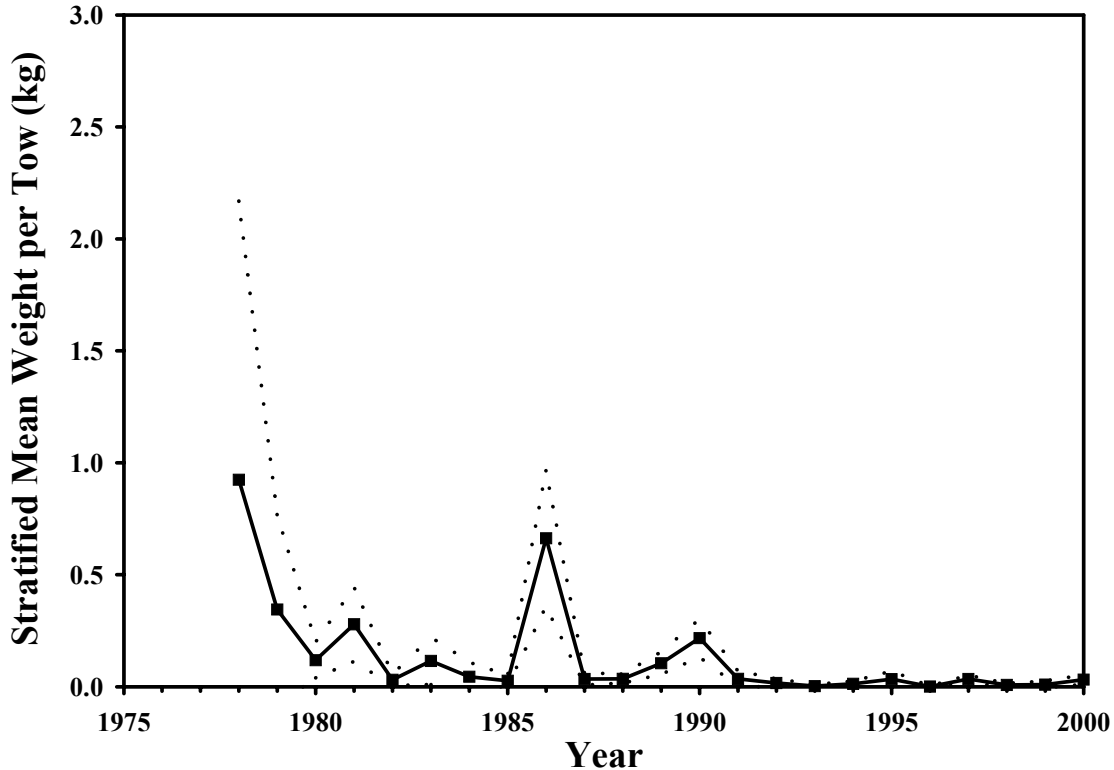


Figure B13. Abundance and biomass indices from the Massachusetts spring bottom trawl survey. The 95% confidence limits are shown by the dashed line.

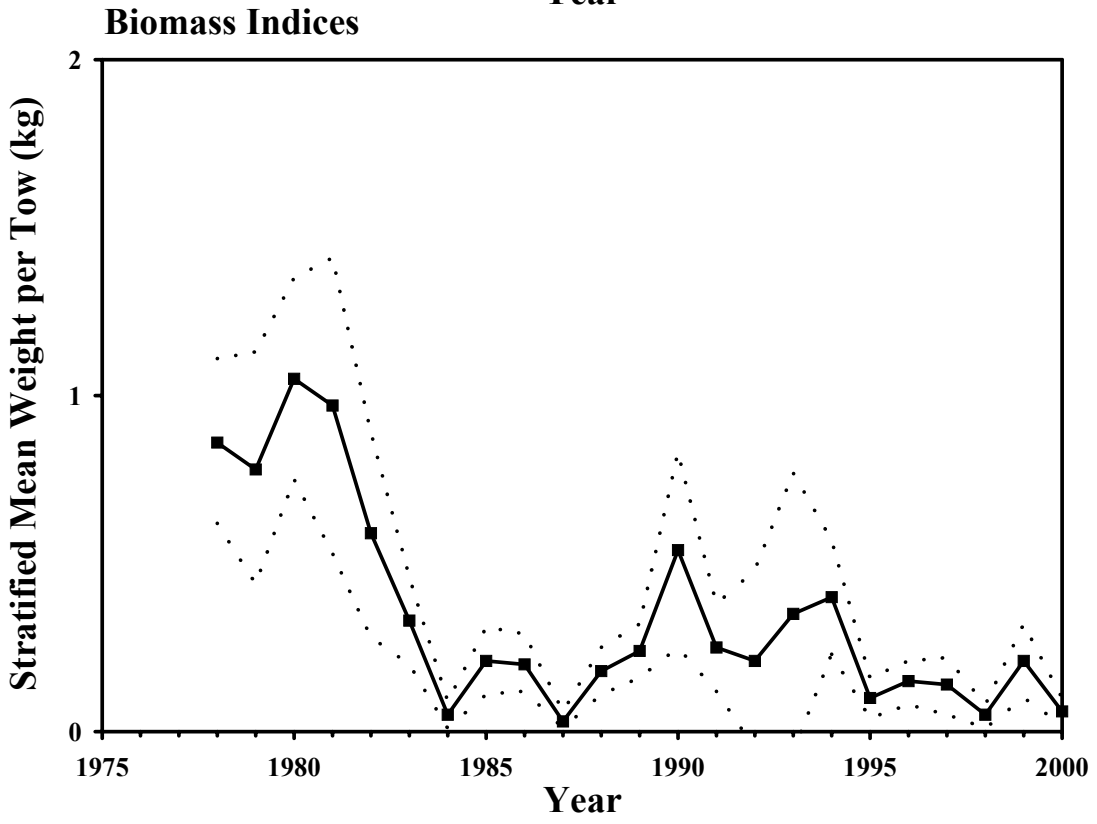
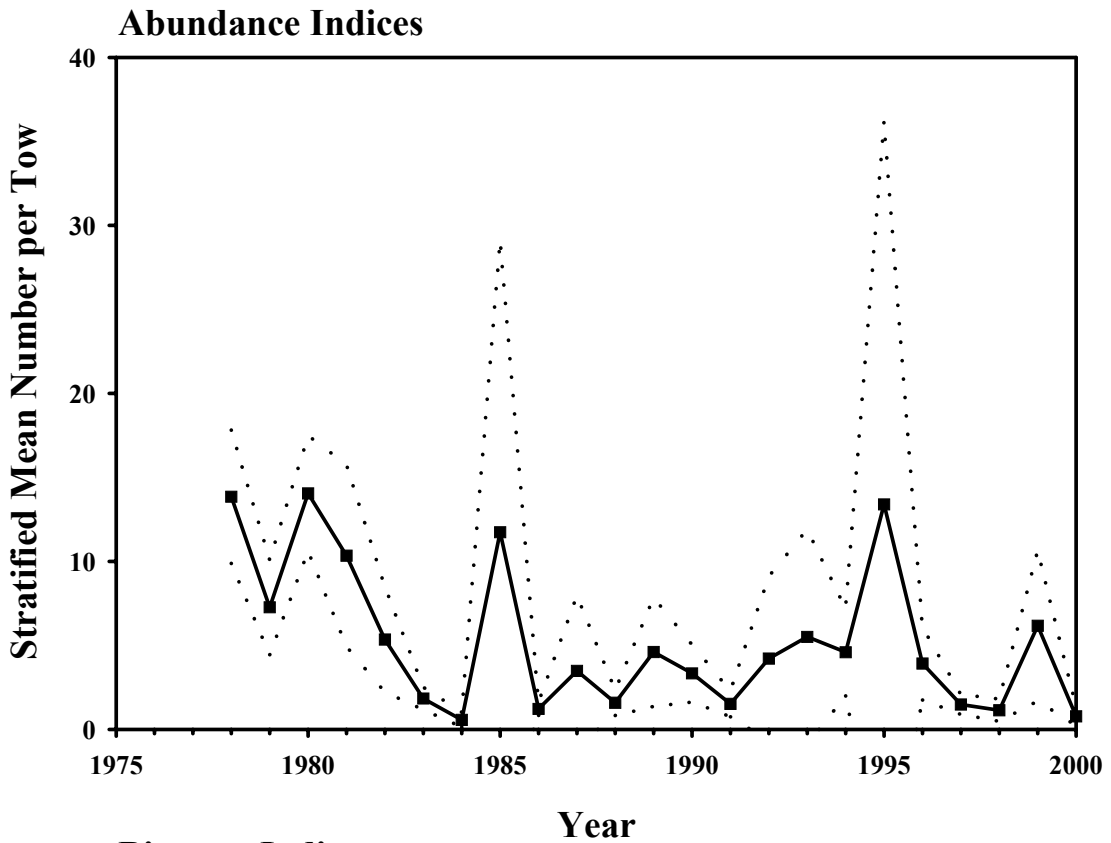


Figure B14. Abundance and biomass indices from the Massachusetts autumn bottom trawl survey. The 95% confidence limits are shown by the dashed line.

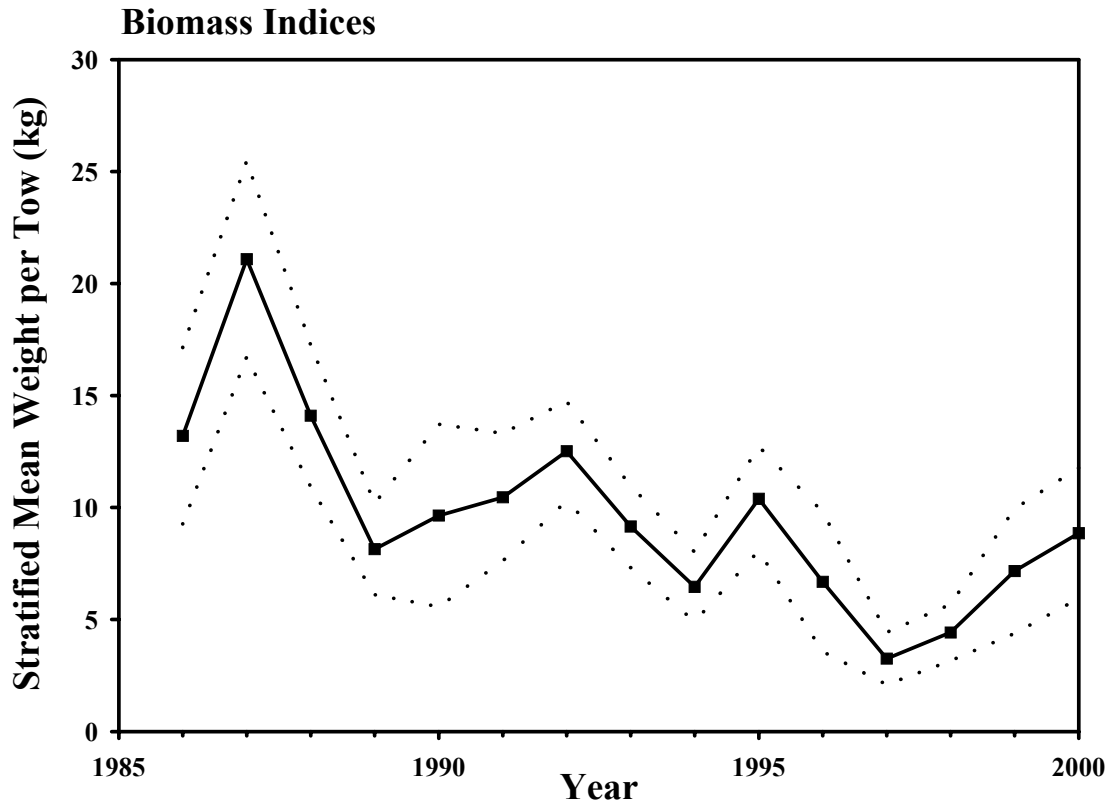
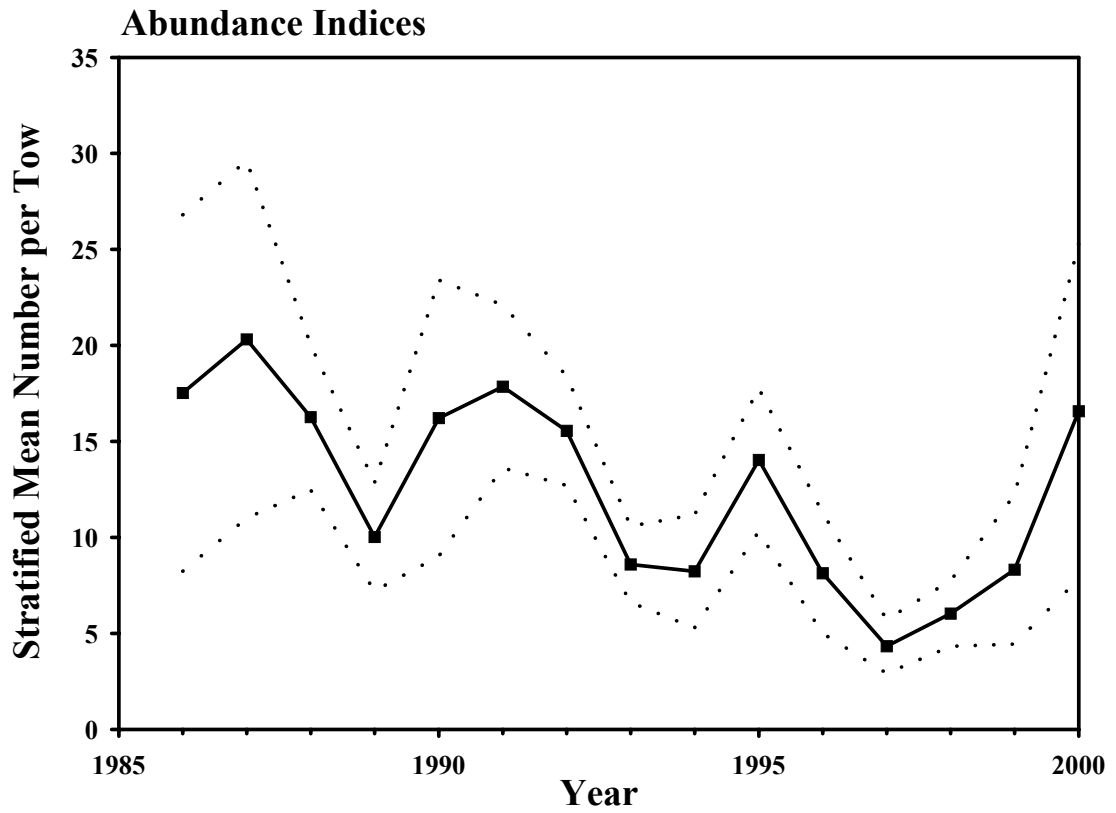


Figure B15. Abundance and biomass indices from the ASMFC shrimp survey. The 95% confidence limits are shown by the dashed line.

# White Hake

## Trends in Catch

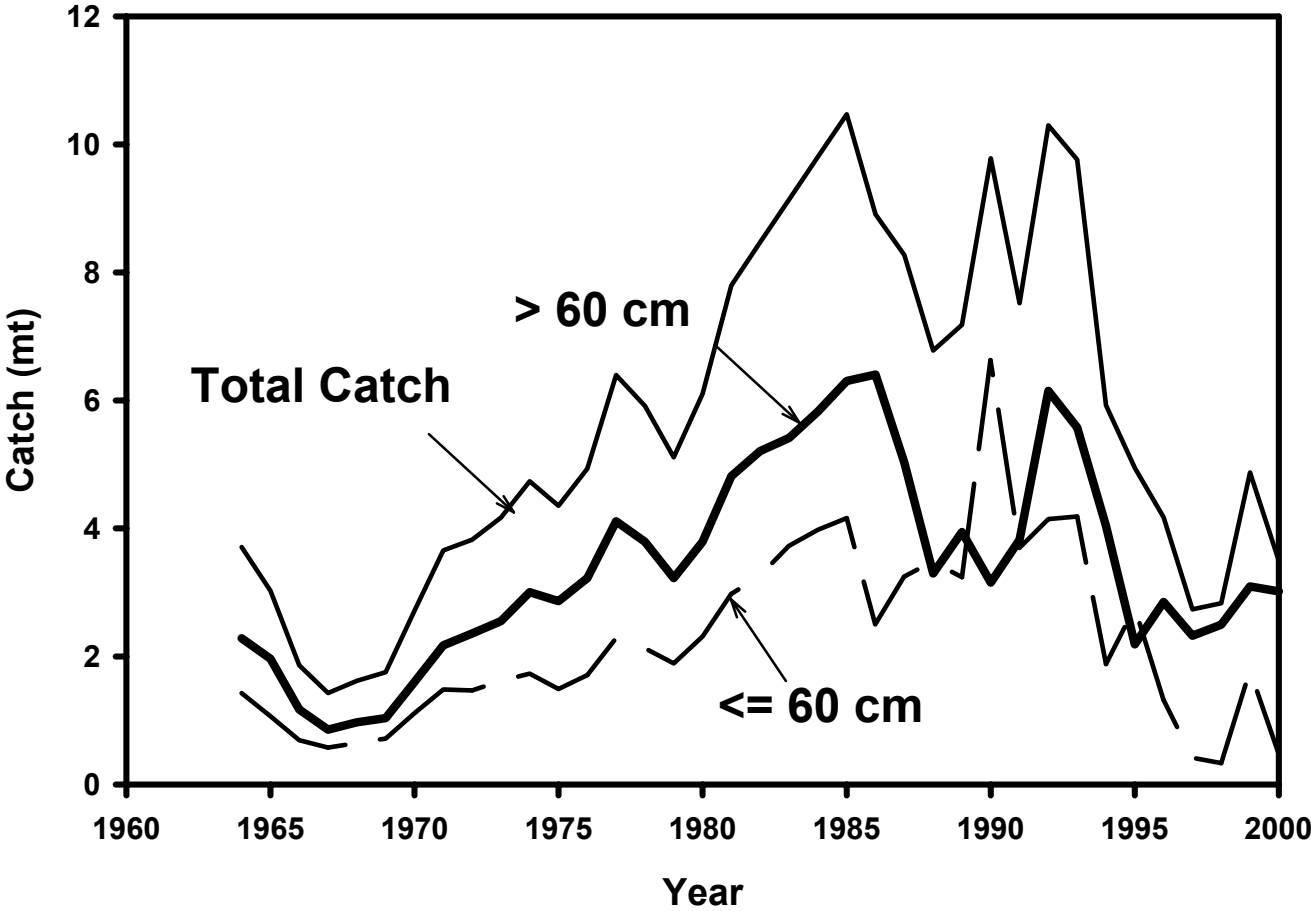


Figure B16. Trends in total catch by size category.



# White Hake

## Trends in Biomass

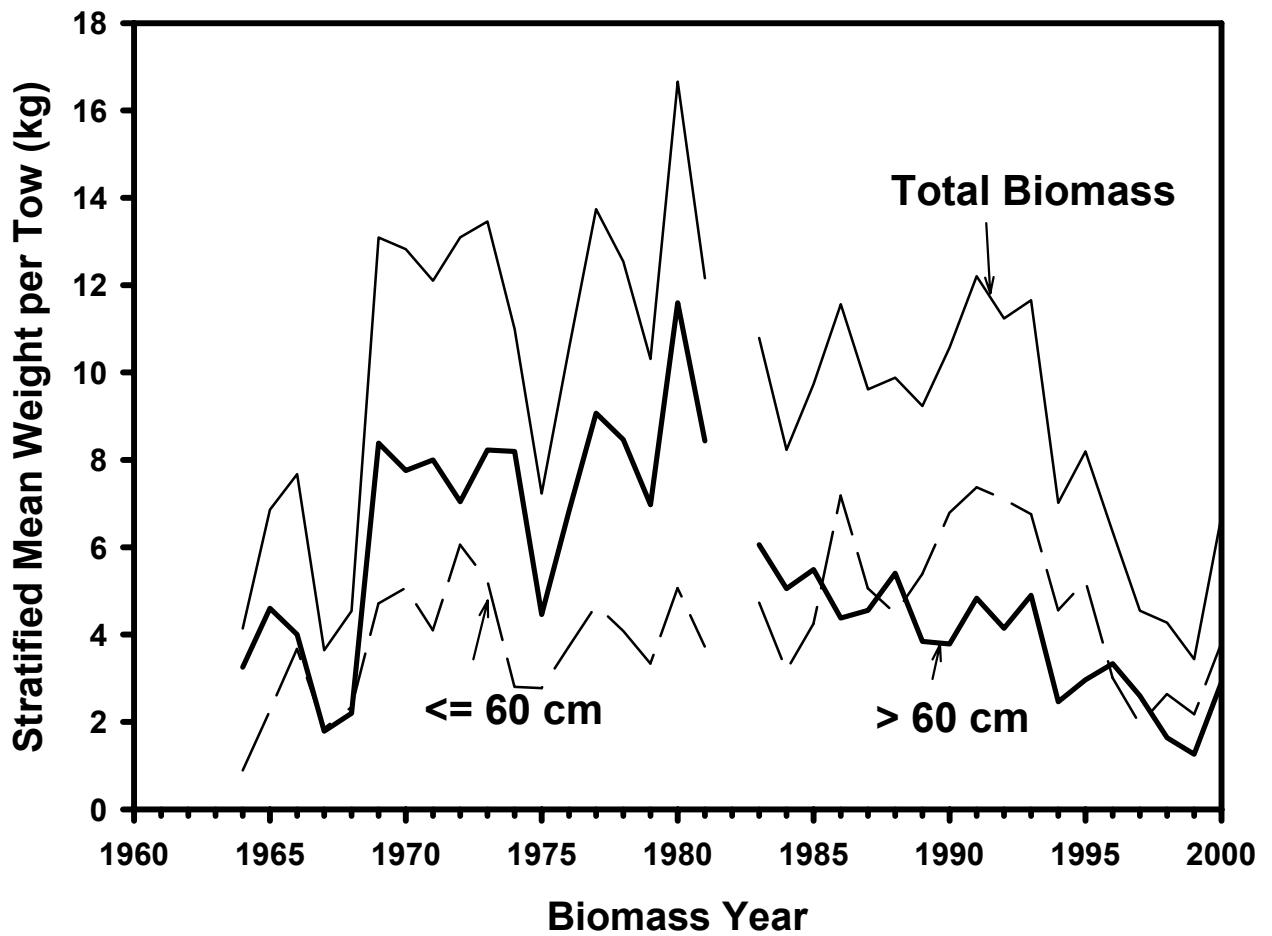


Figure B17. Stratified mean weight (kg) per tow from the autumn survey by size class.

# White Hake

## *Trends in Exploitation Ratios*

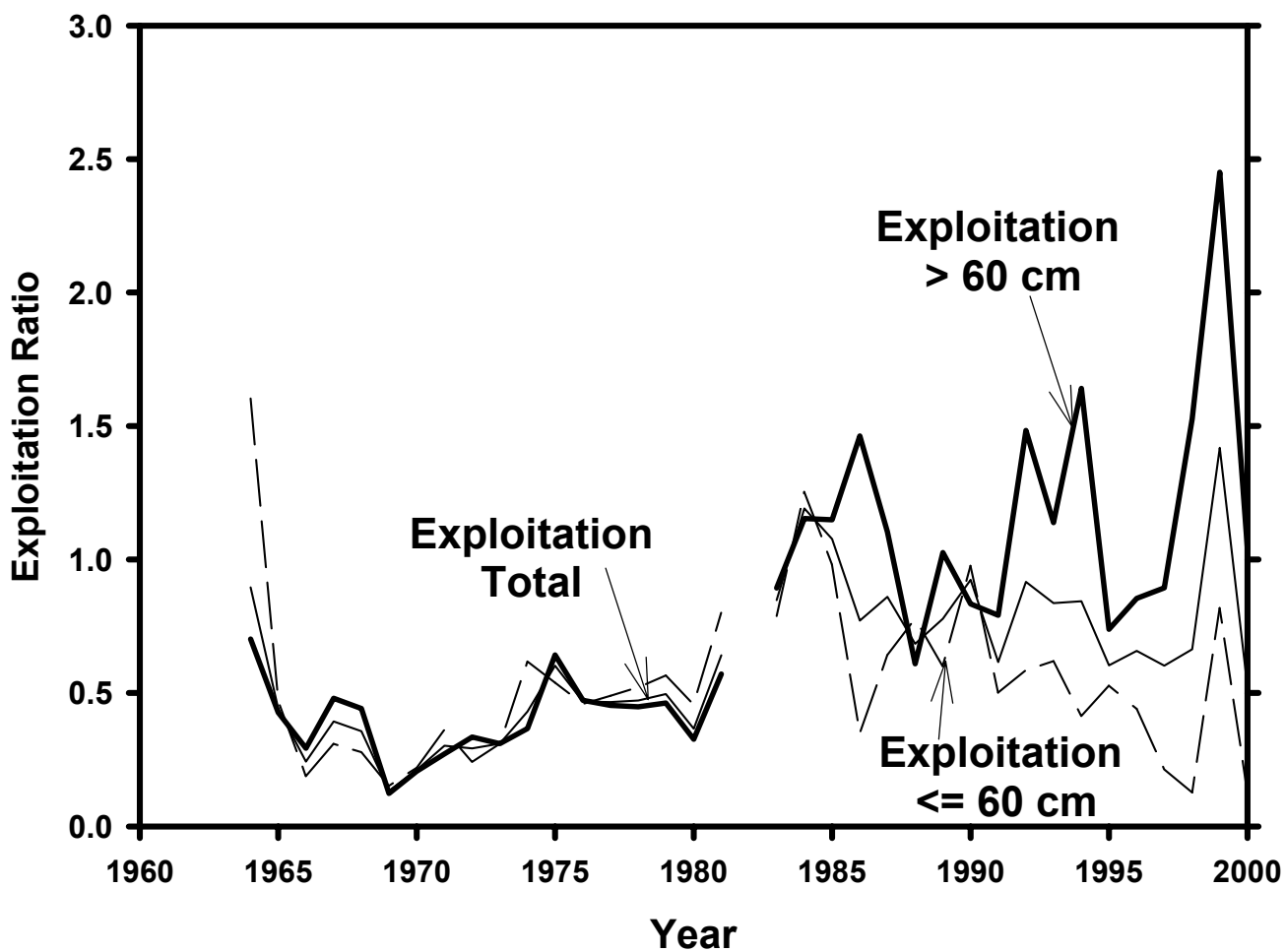


Figure B18. Exploitation ratios (catch/autumn survey) for two size categories and all fish combined.

# White Hake

## *Trends in Recruitment*

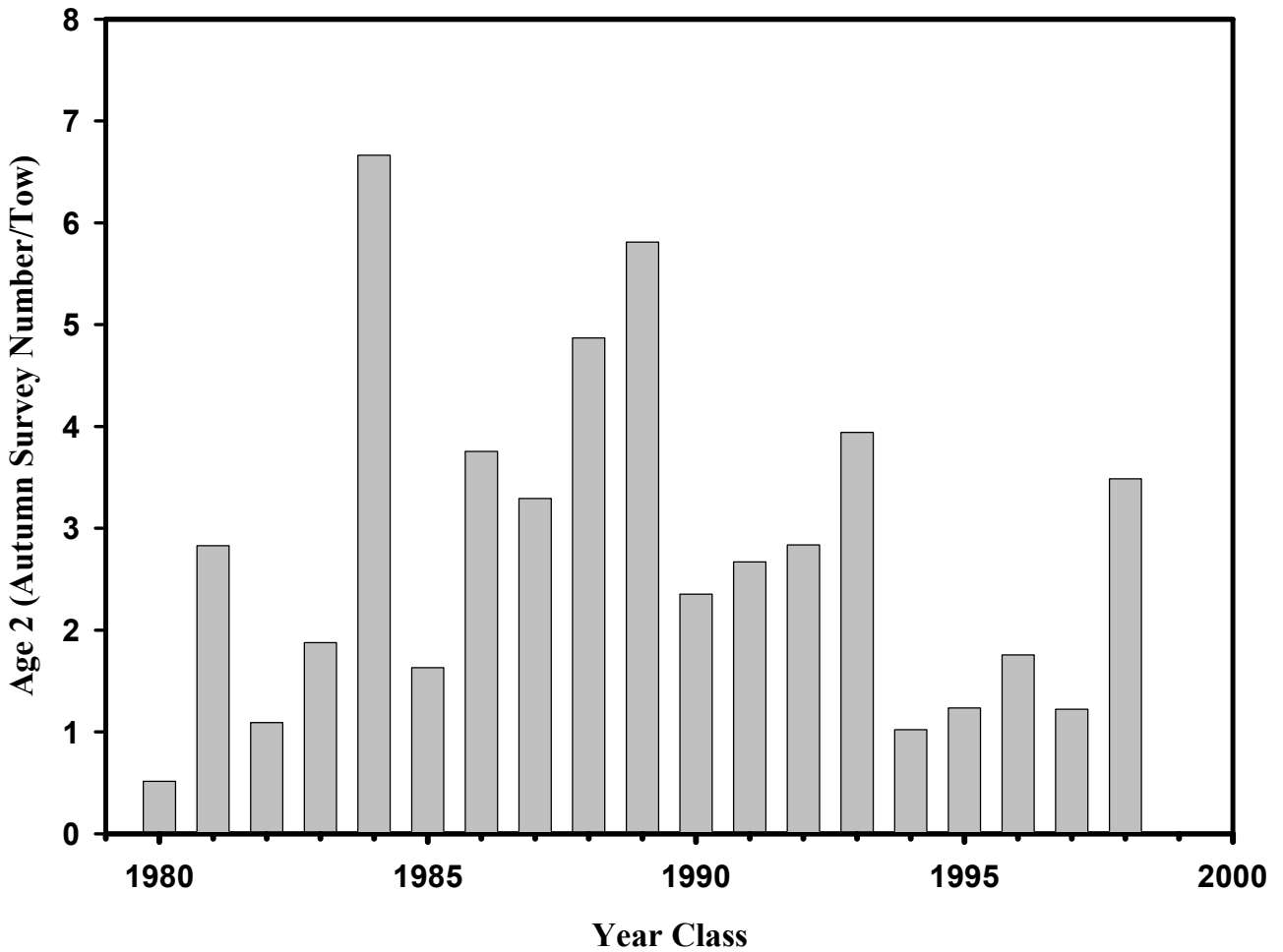


Figure B19. Trends in year class strength (Age 2 from the autumn survey).

# White Hake

## *Trends in Biomass from ASPIC*

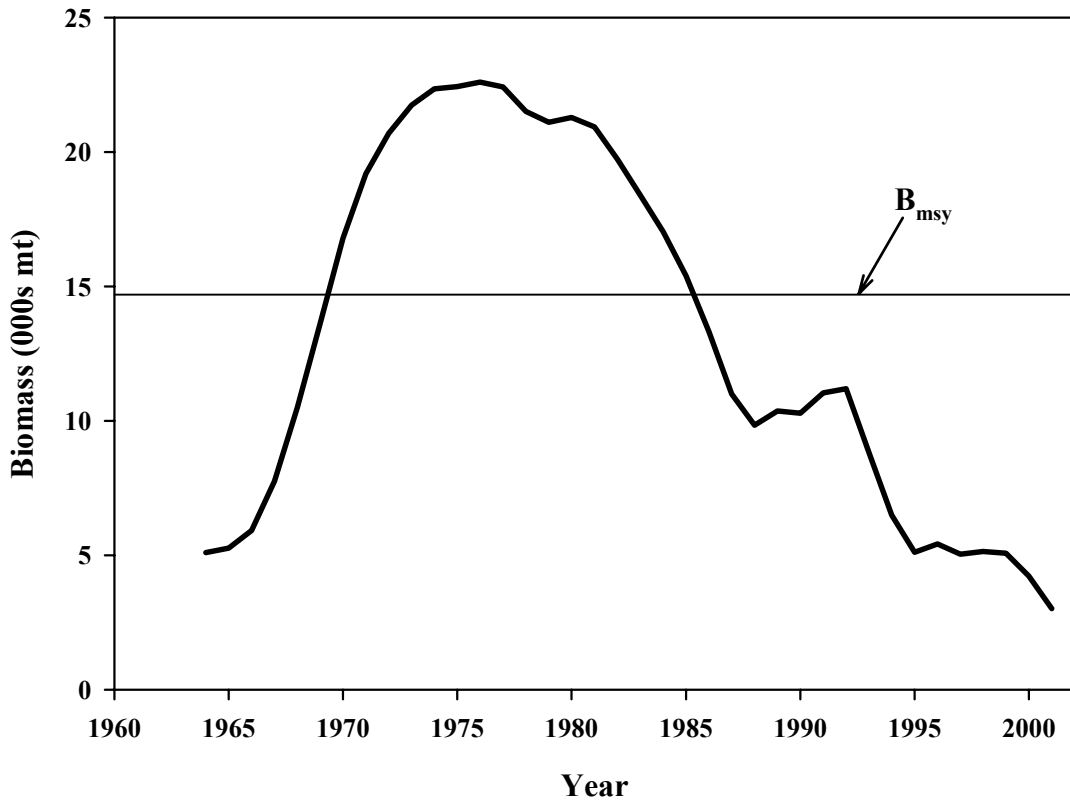


Figure B20. Trends in biomass > 60 cm from the ASPIC model.

# White Hake

## Trends in Fishing Mortality from ASPIC

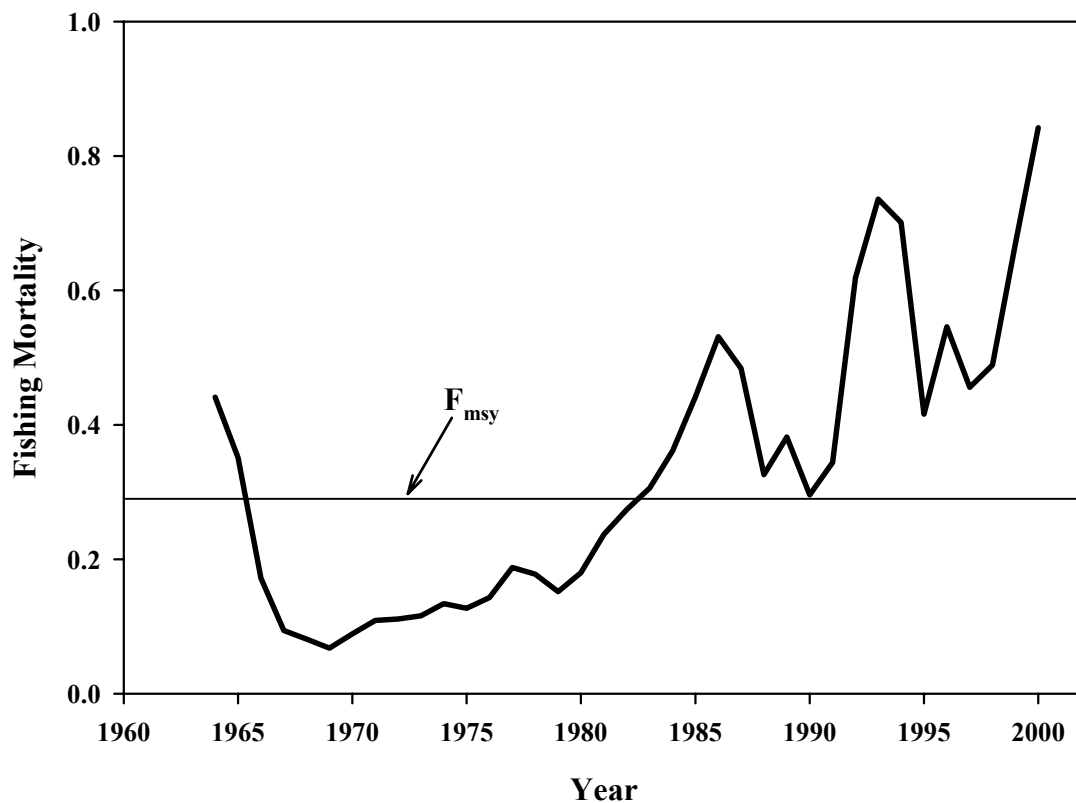


Figure B21. Trends in fishing mortality from the ASPIC model.