

Landings

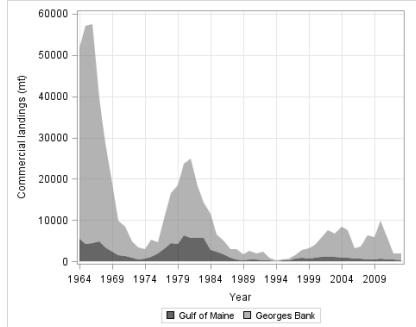


Figure A16. Total United States commercial landings of Gulf of Maine and Georges Bank haddock from 1964 to 2013.

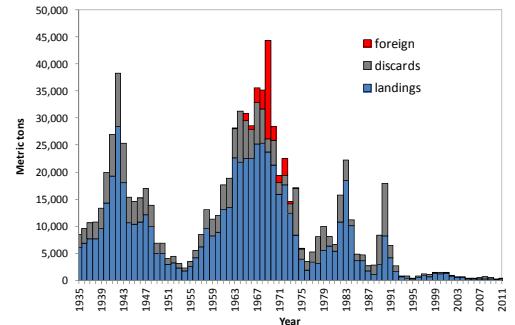


Figure B17. Total catch of Southern New England Mid-Atlantic yellowtail flounder in metric tons from 1935 – 2011 by disposition (landed and discarded)

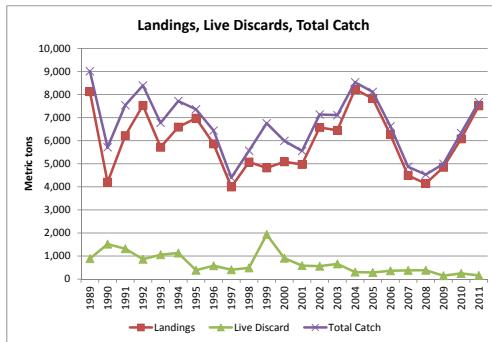


Figure A54. Dealer reported landings, live discards using the previous estimation method (Assess; D/DF), and total catch.

Landings at Age

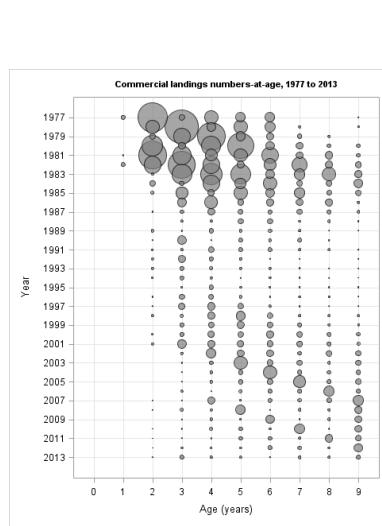


Figure A41. Commercial landings-at-age of Gulf of Maine haddock from 1977 to 2013.

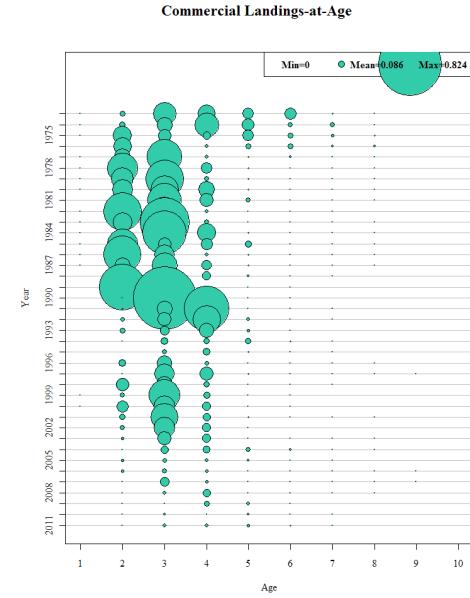


Figure B24. Commercial landings-at-age for Southern New England Mid-Atlantic yellowtail flounder from 1973 to 2011

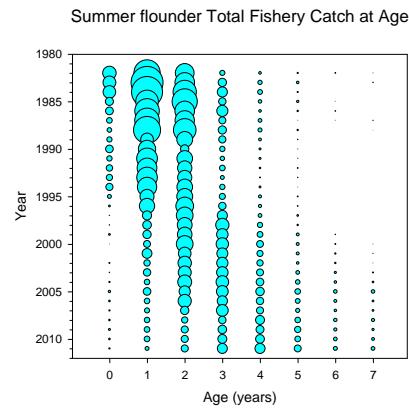


Figure A66. Total fishery catch at age for summer flounder.

Length Frequencies

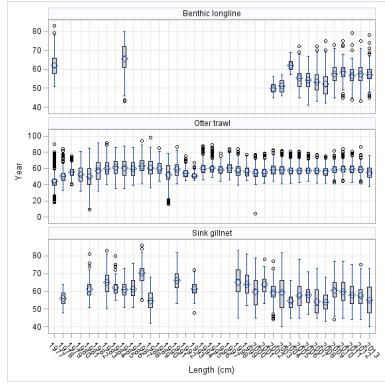


Figure A-40. Box plots showing the length distribution of Gulf of Maine haddock landed by the commercial fishery, by gear type, between 1989 and 2013. Missing years indicate that there were no sampled landings for that gear/year combination.

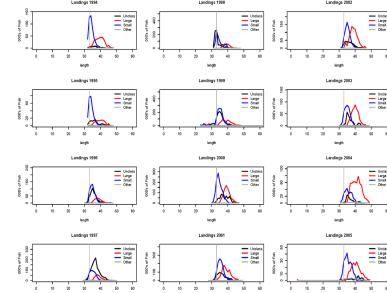


Figure B2a. Length frequency distribution of landed Southern New England Mid-Atlantic yellowtail flounder by market category in 000's of fish from 1994 and 2005. Market groups include: Unclassified, Large, Small and Other. The 1989 - current commercial minimum retention size of 35 inches (35cm) is indicated by a dark grey line.

Pre-publication Copy (May 8, 2013)

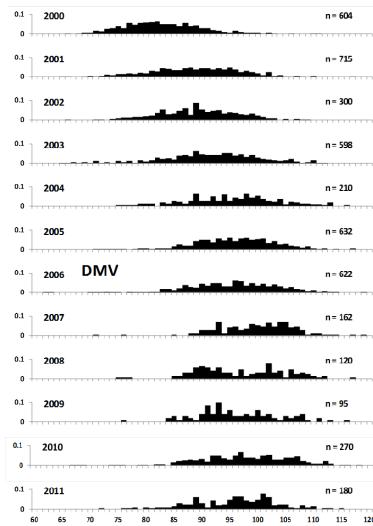


Figure 19A. Length composition of port samples by year from the Delmarva region.

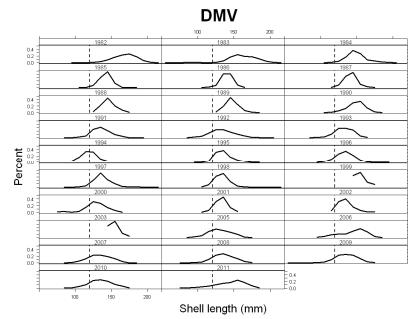


Figure A-14. Length compositions of most sampled landed surfclams from the DMV region.

Weights at Age

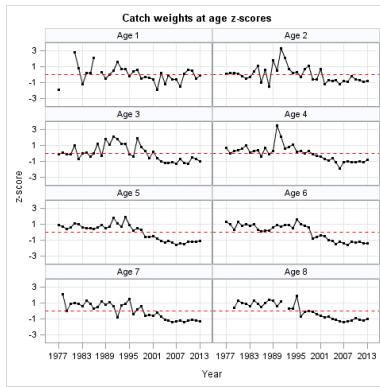


Figure A.86. Average catch weights-at-age of age-1 to age-8 Gulf of Maine haddock from 1977 to 2013. Weights-at-age were estimated using a number weighted average of commercial landing, commercial discard, recreational landings, and recreational discards weights-at-age. Average weights are presented as z-scores ($(x-\mu)/\sigma$).

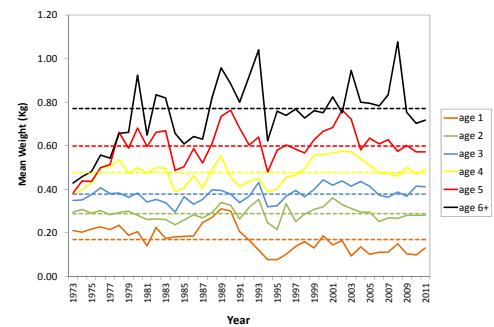


Figure B8: Non-standardized average catch weights at age for Ages 1 through 6+ for Southern New England Mid-Atlantic yellowtail flounder from 1973 to 2011. Dash lines denote the time series average.

Survey Indices

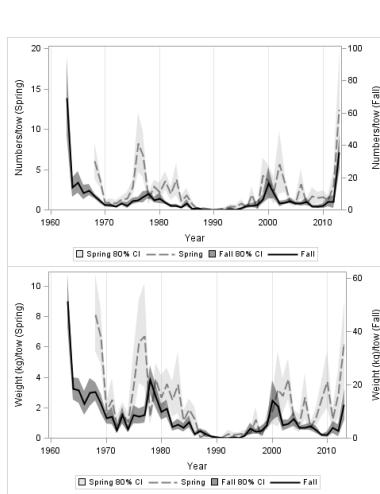


Figure A.96. Northeast Fisheries Science Center (NEFSC) spring and fall bottom trawl survey abundance (numbers/tow) and biomass (kg/tow) indices for Gulf of Maine haddock from 1963 to 2013. The TOGA tow criteria used for years 2009–2013. Note that the spring survey did not begin until 1968.

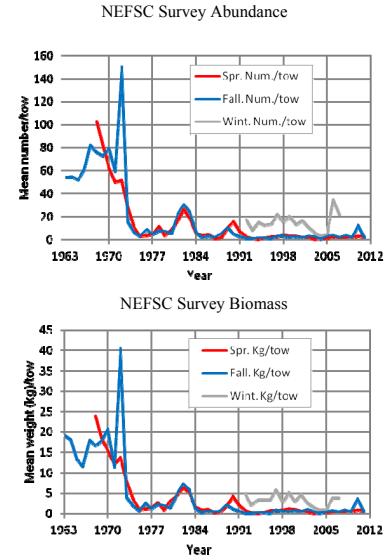


Figure B43. Northeast Fisheries Science Center spring, winter and fall bottom trawl survey of abundance (top) and biomass (bottom) from 1963 to 2011 for Southern New England Mid-Atlantic yellowtail flounder. Note: Spring survey did not begin until 1968 and the winter survey started in 1992 and ended in 2007

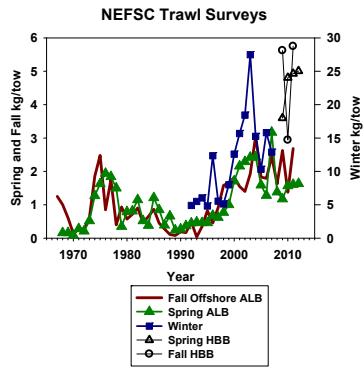
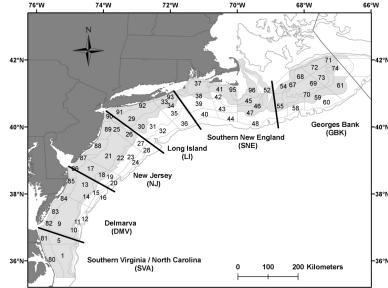


Figure A82. Trends in NEFSC trawl survey biomass indices for summer flounder.

Maps 1 Plot per Page

Atlantic Surfclam - Figures



A1. Assessment regions for the Atlantic surfclam stock in the US Exclusive Economic Zone (EEZ). NEPS shellfish strata with potential surfclam habitat are shown in grey and identified by stratum ID numbers.

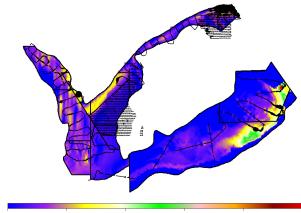
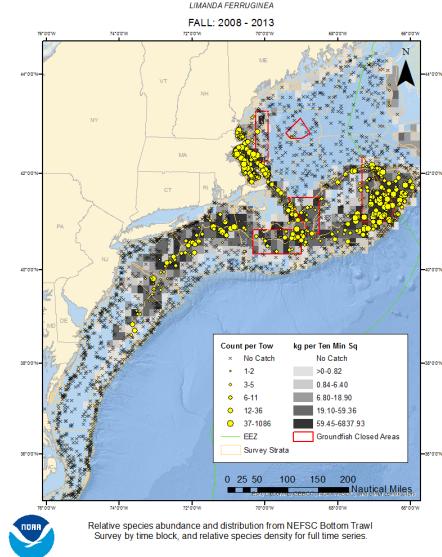


Figure B5.6(a). Estimated scallop density (# m⁻²) on Georges Bank in 2013 based on HabCam data using the GAM plus ordinary kriging method. The survey trackline (black line) together with observations of scallops (black dots) are also shown.

YELLOWTAIL FLOUNDER



Relative species abundance and distribution from NEFSC Bottom Trawl Survey by time block, and relative species density for full time series.

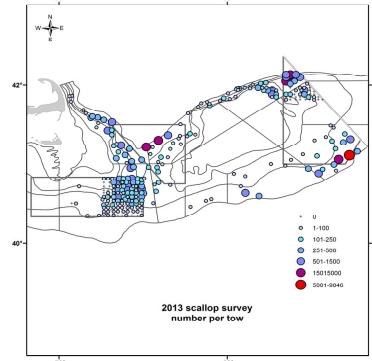


Figure B5.1(a). Dredge survey (NEFSC and VIMS) scallop dredge survey catch number in numbers per tow for Georges Bank.

Maps > 1 Plot per Page



Figure 5: Survey stations where small (< 120 mm) surfclam were caught, by year.

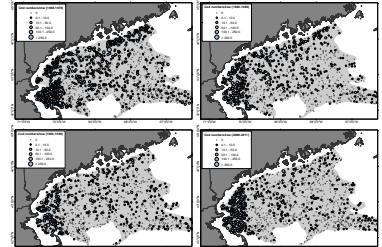


Figure A104: Spatial distribution of Gulf of Maine Atlantic cod catches (numbers/low) from the Northeast Fisheries Science Center spring bottom trawl survey from 1968 – 2011. Periods are as follows: 1968 – 1979 (top left), 1980 – 1989 (top right), 1990 – 1999 (bottom left), 2000-2011 (bottom right).

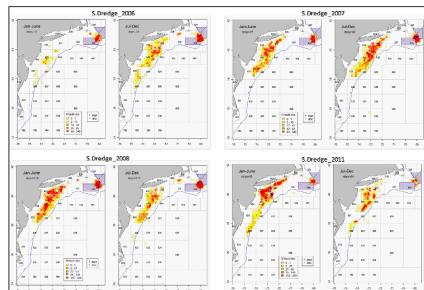


Figure B35: Spatial distributions of observed scallop dredge effort determined by the number of hauls by half year for selected years (2006–2008 and 2011) in the SNEEMA stock region. Note: Observed kept and discarded yellow dots reflect general patterns of activity by the dredge fleet in the Southern New England Mid-Atlantic region and does not characterize the relative magnitude of the observed catch rates.

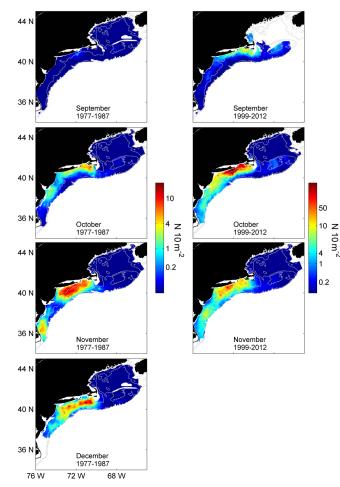


Figure A144: Seasonal summer flounder larval distributions for the MARMAP period (1977-1987) and the ECOMON period (1999-2012).