

Figure A1.1. Statistical areas for southern New England – Mid Atlantic yellowtail flounder.

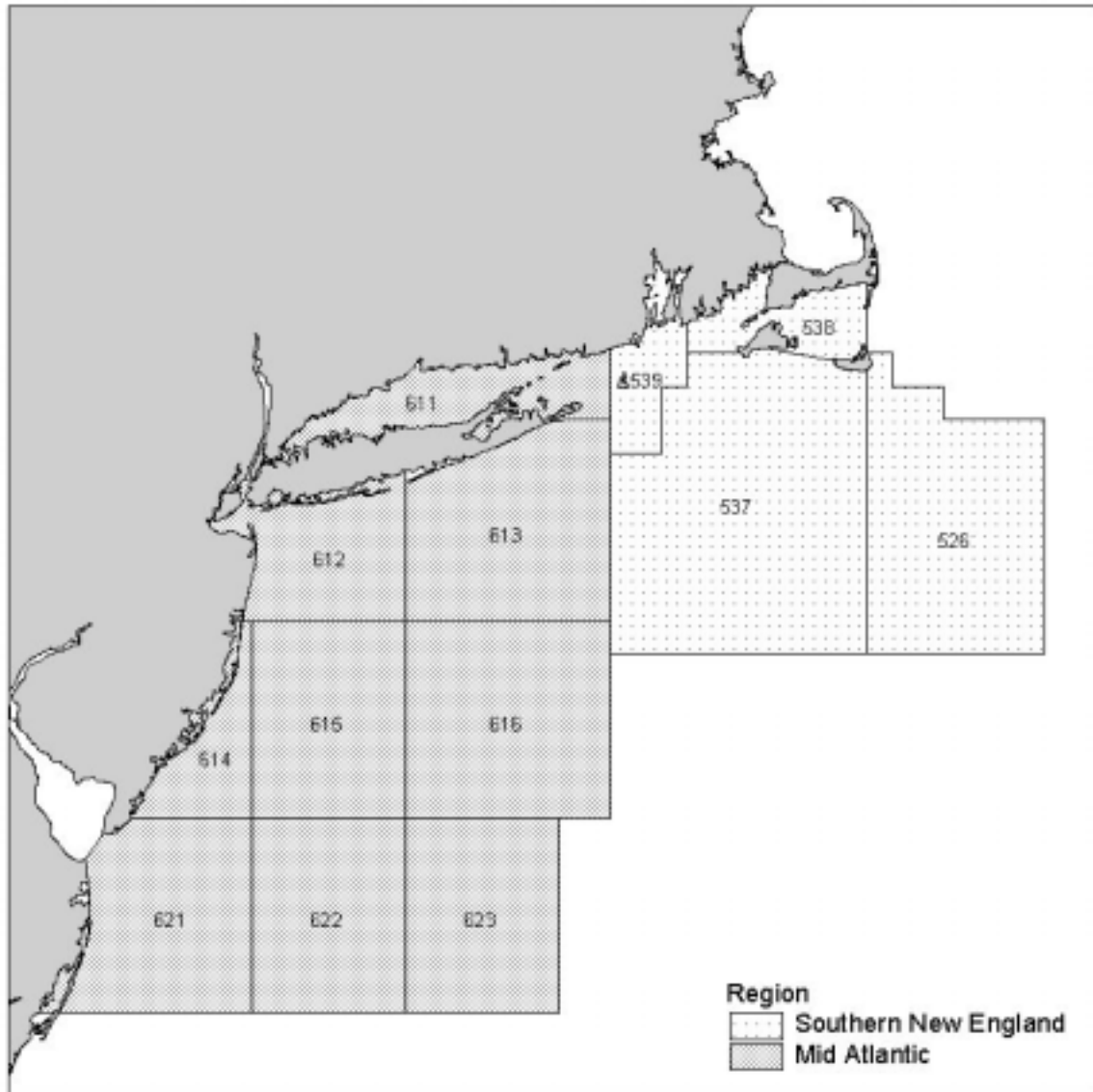


Figure A1.2. Catch of southern New England- Mid Atlantic yellowtail flounder.

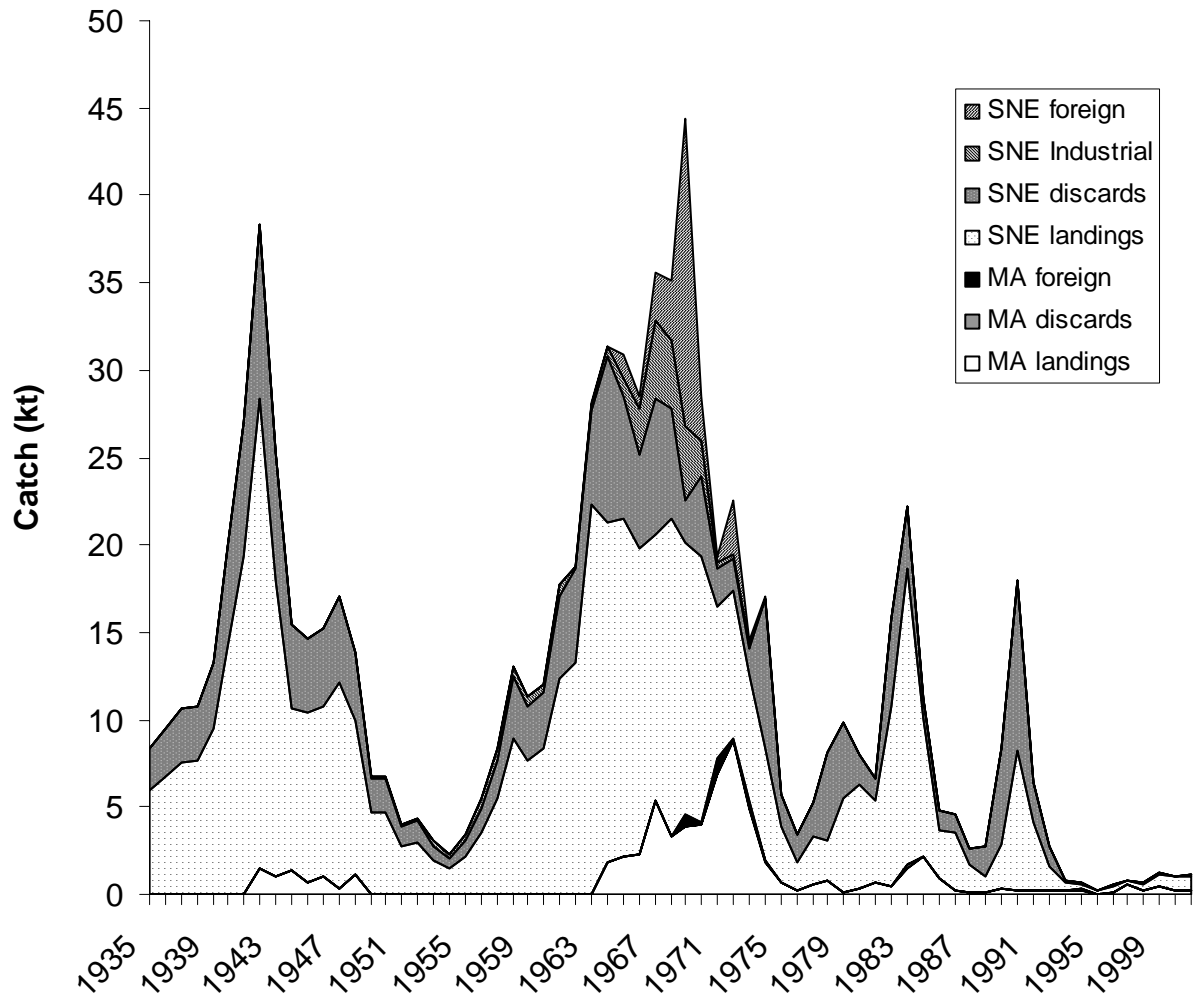


Figure A1.3. Total catch at age of southern New England – Mid Atlantic yellowtail flounder (size of circle indicates relative magnitude).

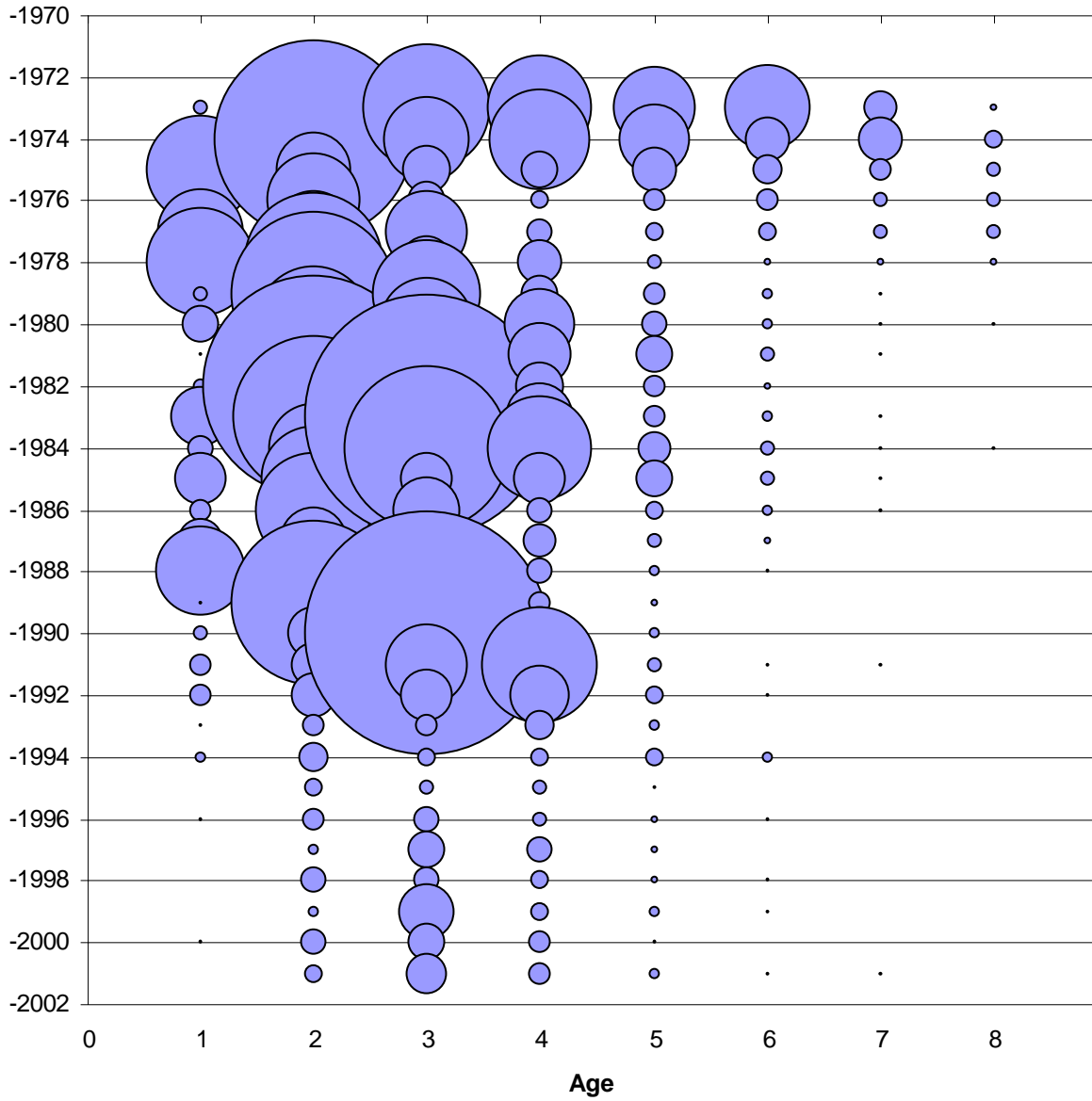


Figure A1.4. Mean weight at age of yellowtail flounder in the catch.

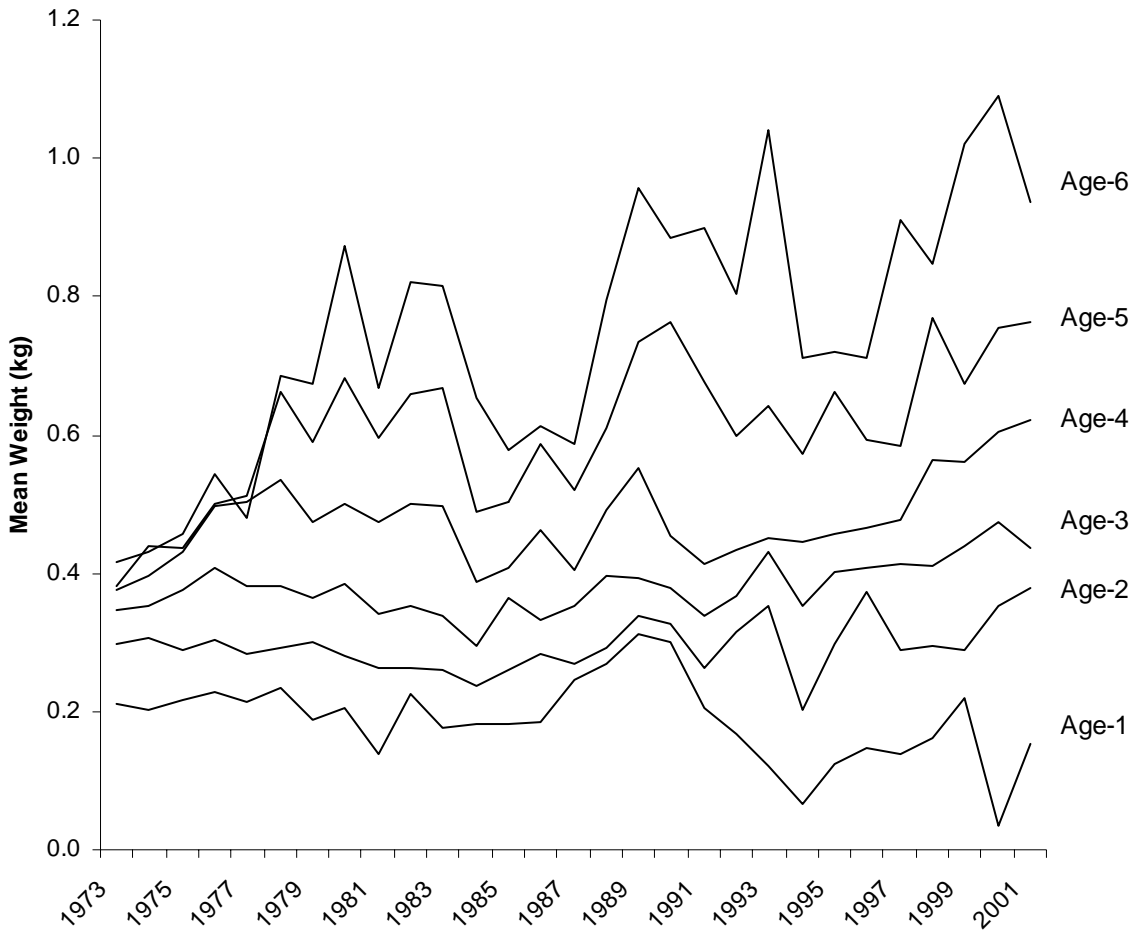


Figure A1.5. Survey strata for southern New England – Mid Atlantic yellowtail flounder.

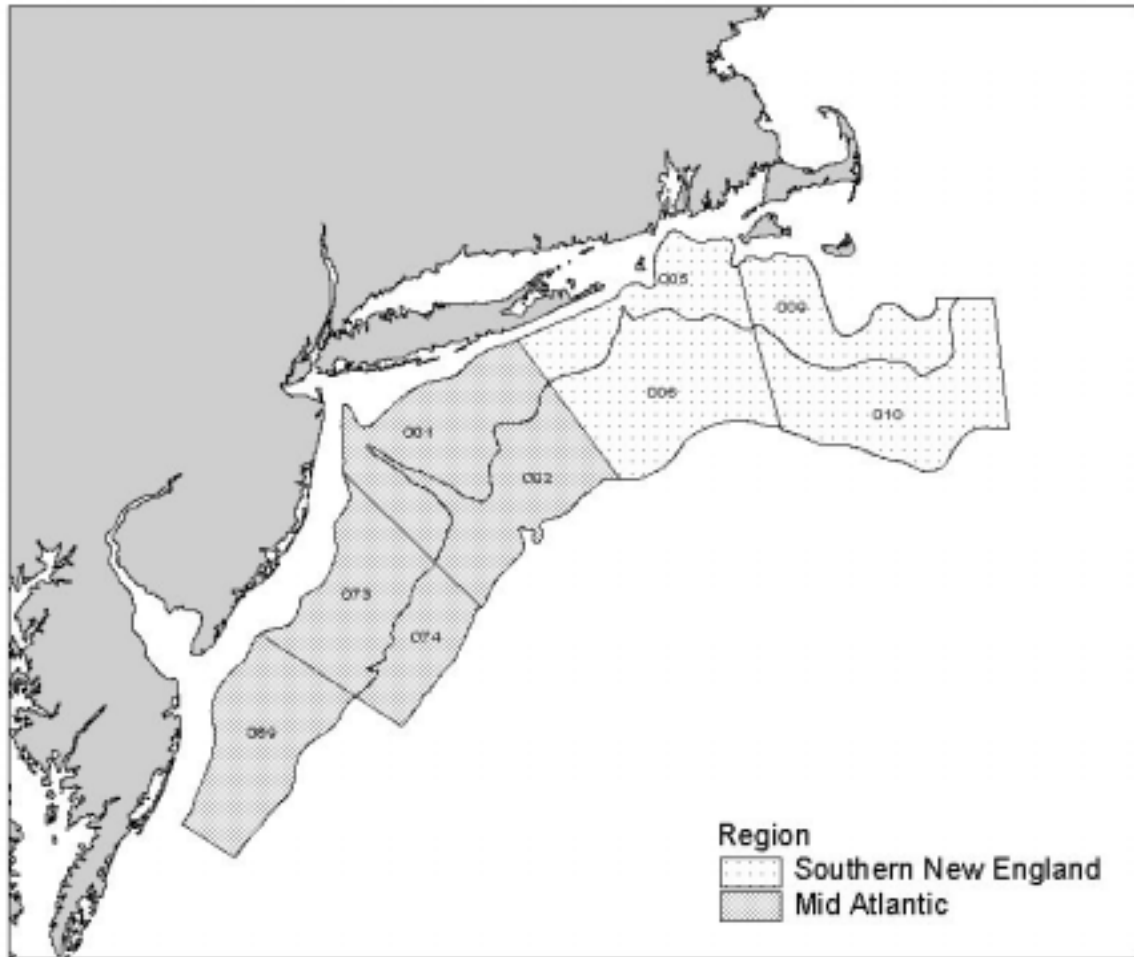


Figure A1.6. Survey indices of southern New England – Mid Atlantic yellowtail flounder biomass.

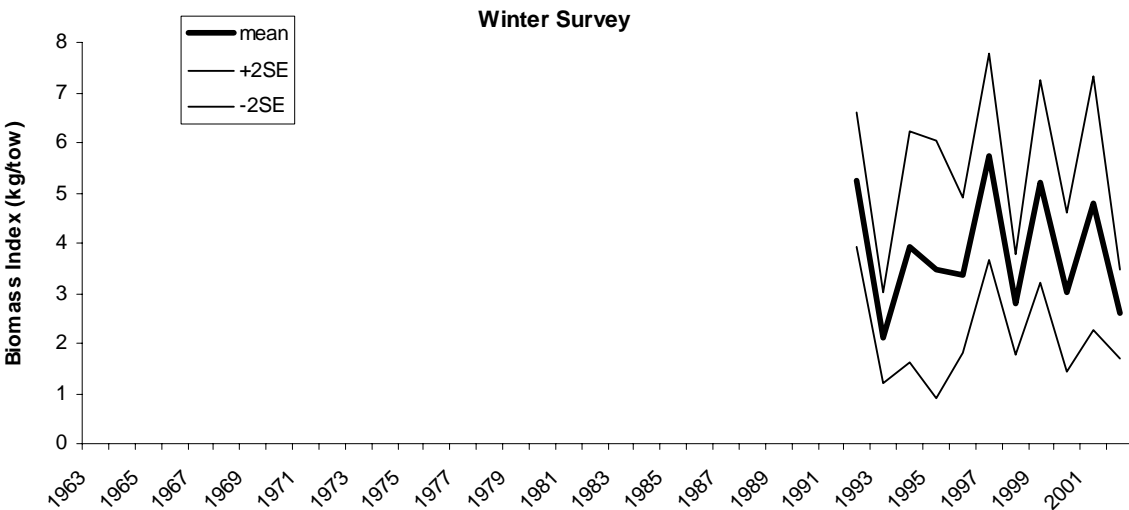
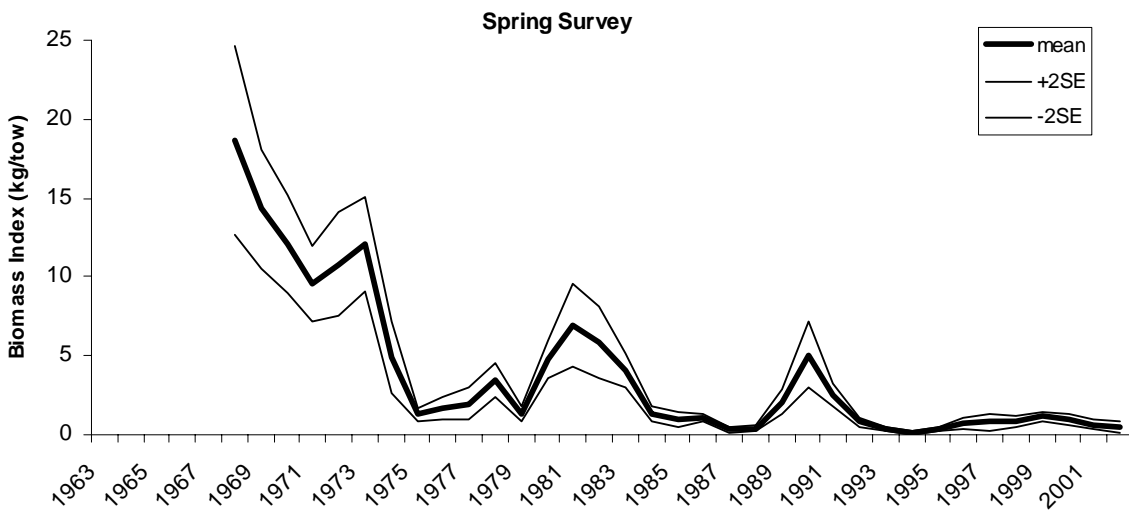
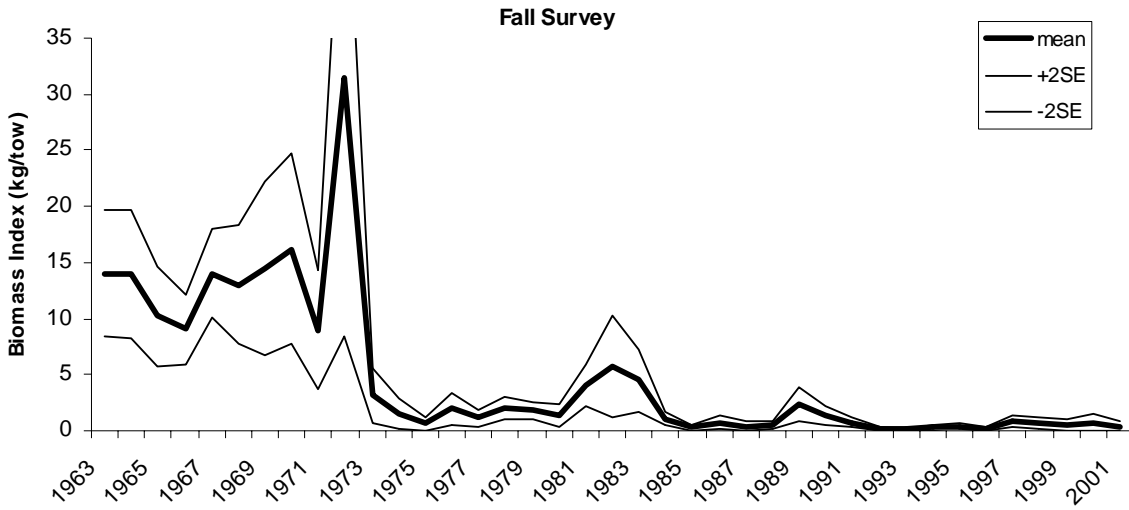


Figure A1.7a. Distribution of yellowtail flounder in recent NEFSC surveys.

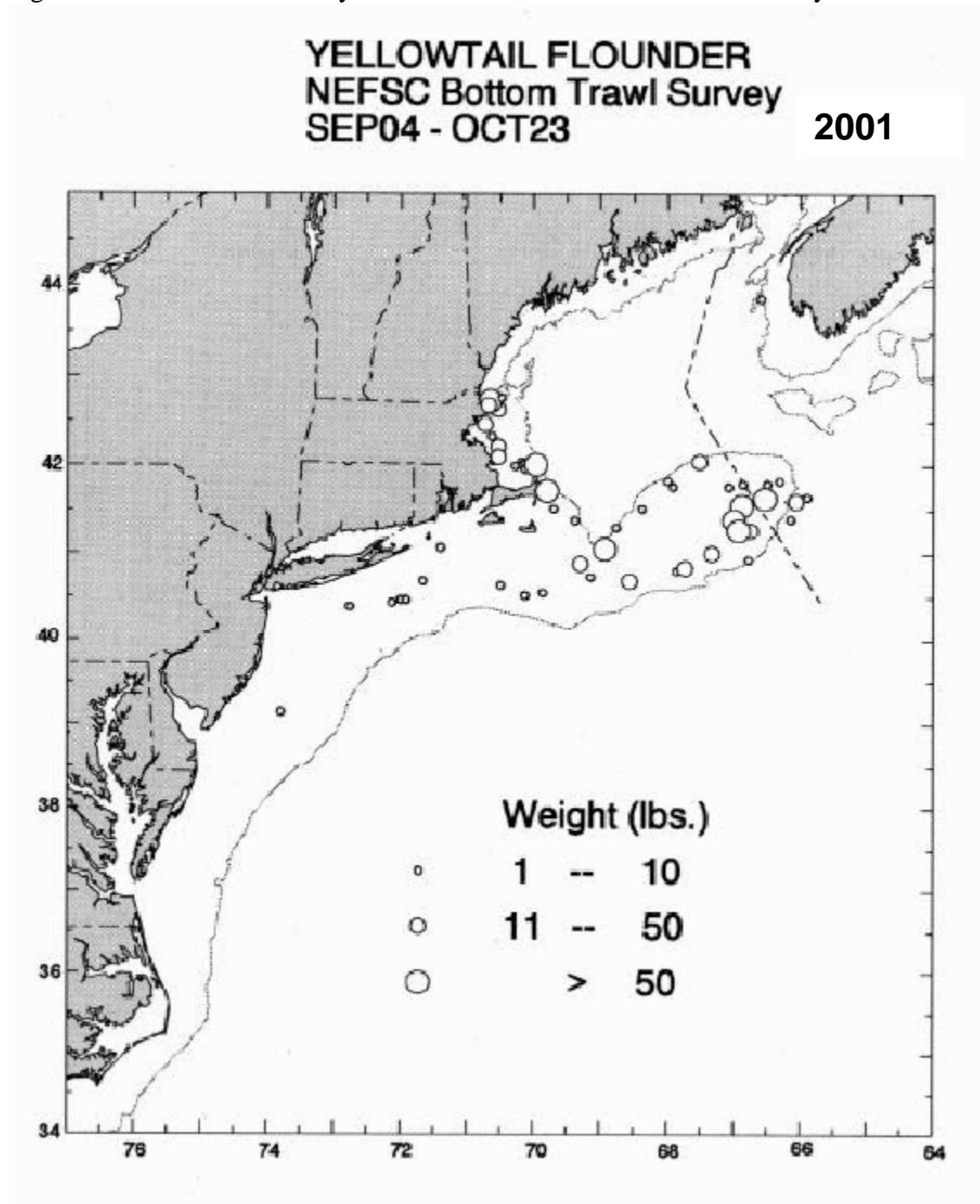


Figure A1.7b.

YELLOWTAIL FLOUNDER
NEFSC Bottom Trawl Survey
Feb 5 - Mar 2, 2002

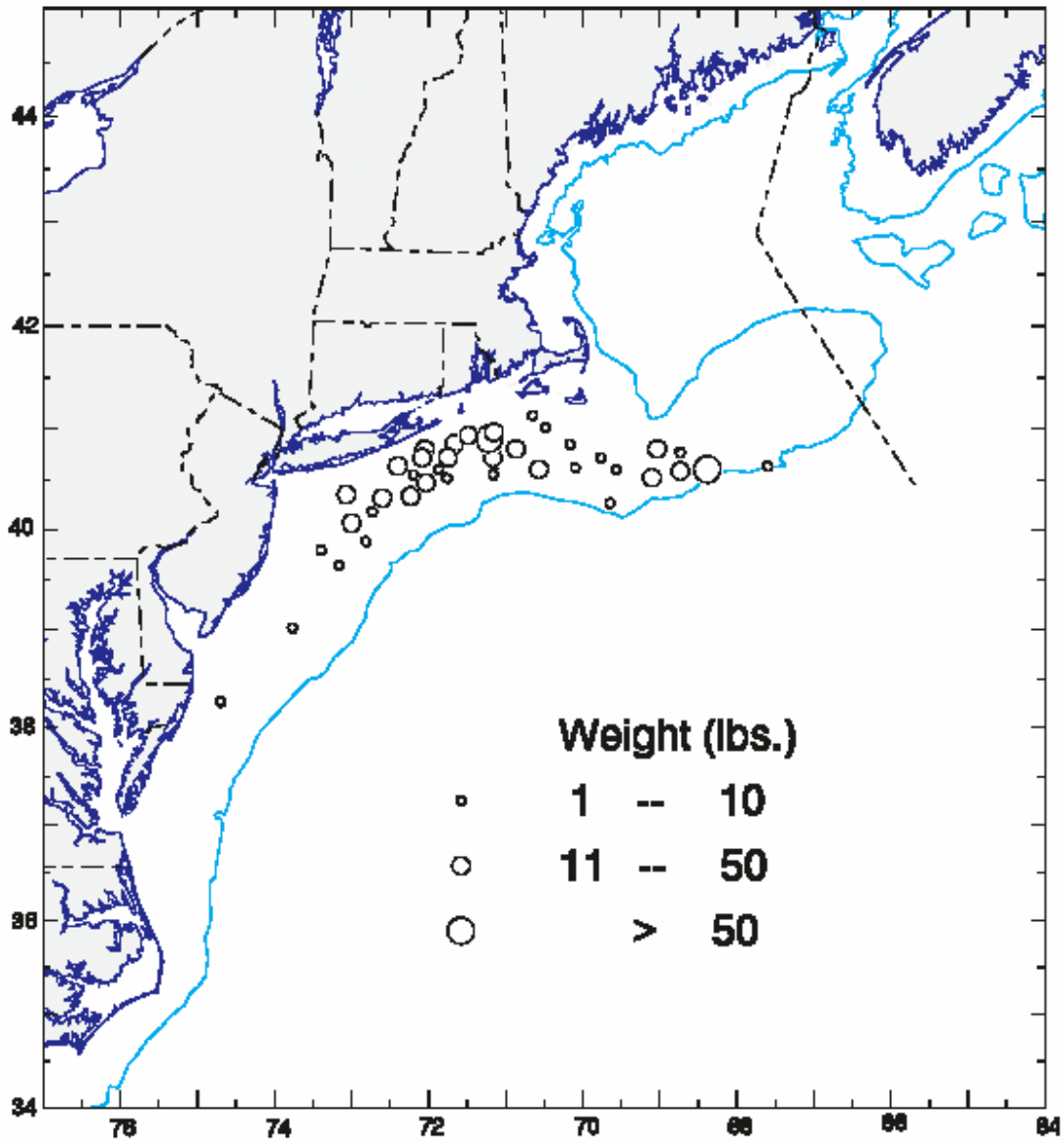


Figure A1.7c.

**YELLOWTAIL FLOUNDER
NEFSC Bottom Trawl Survey
MAR. 05 - APR. 25, 2002**

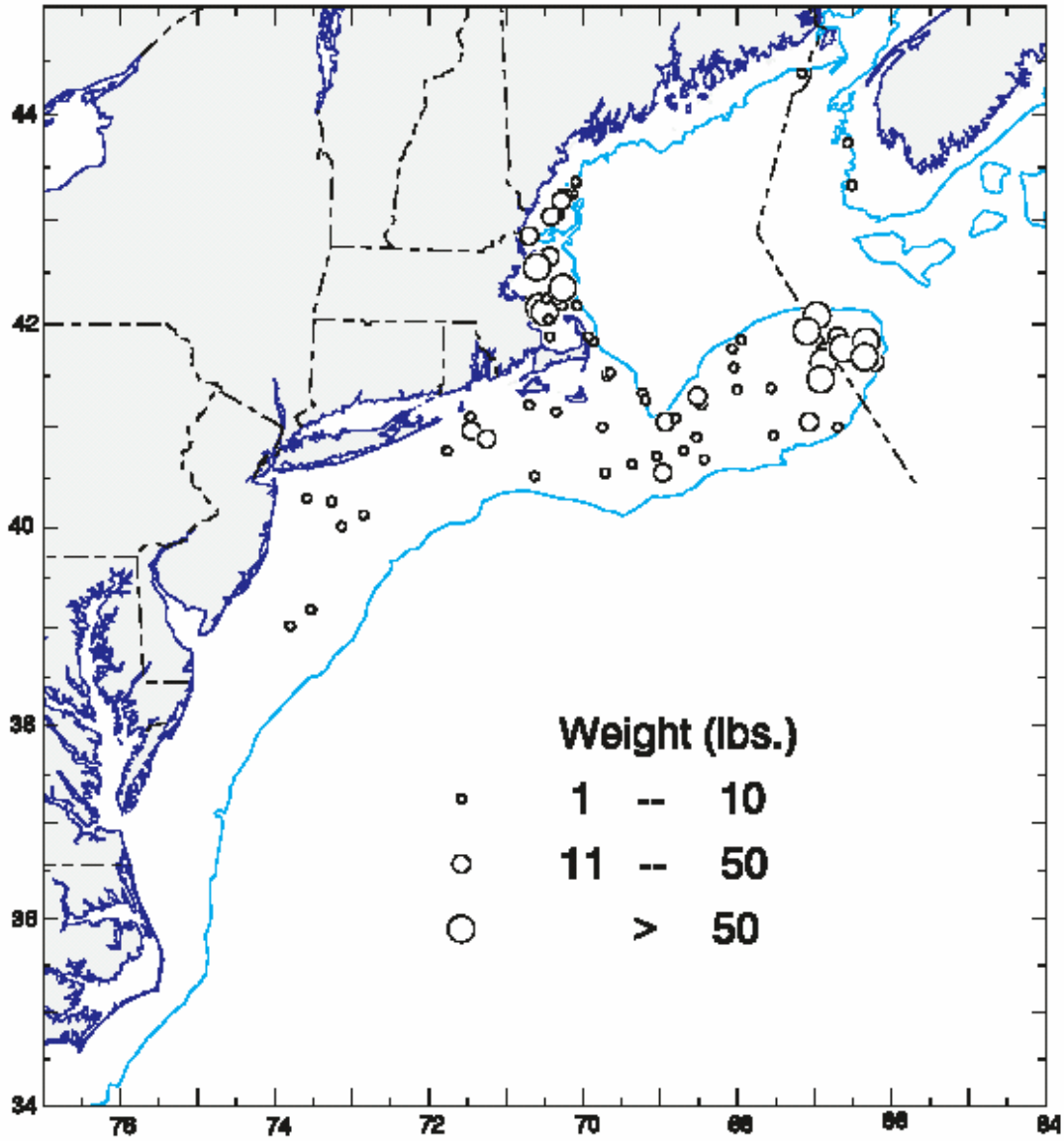


Figure A1.8. Area-swept biomass of southern New England – Mid Atlantic yellowtail flounder, by geographic region.

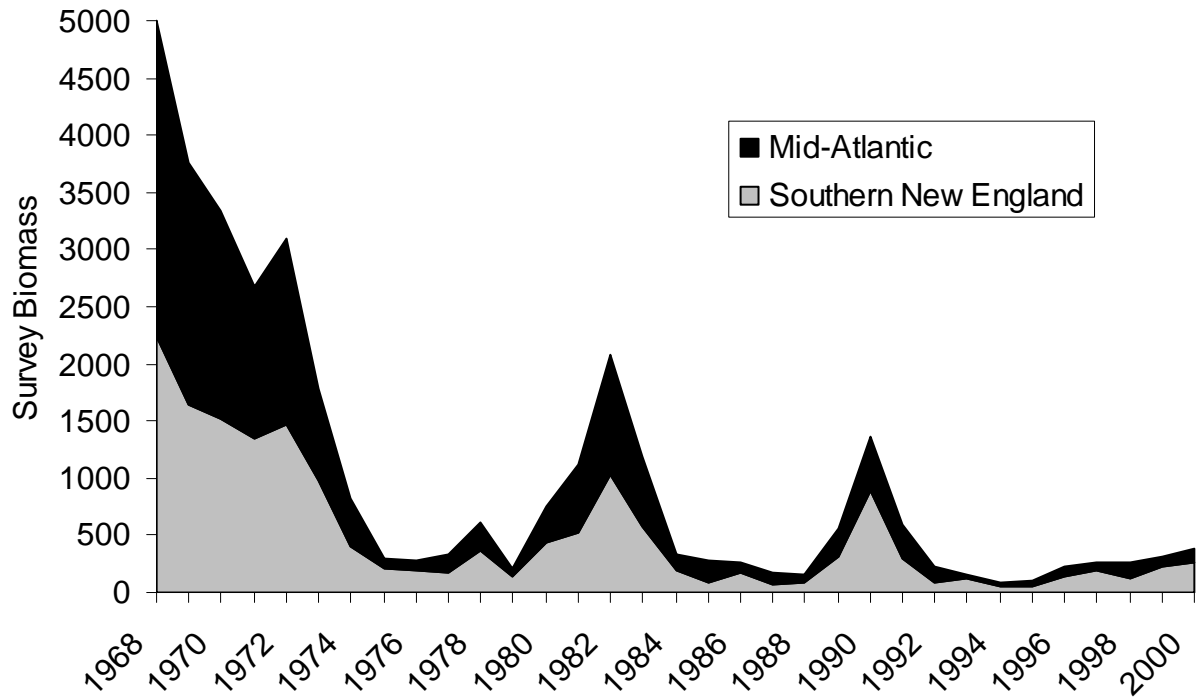


Figure A1.9a. Age distribution of southern New England – Mid Atlantic yellowtail flounder from NEFSC surveys (circle size indicates relative abundance).

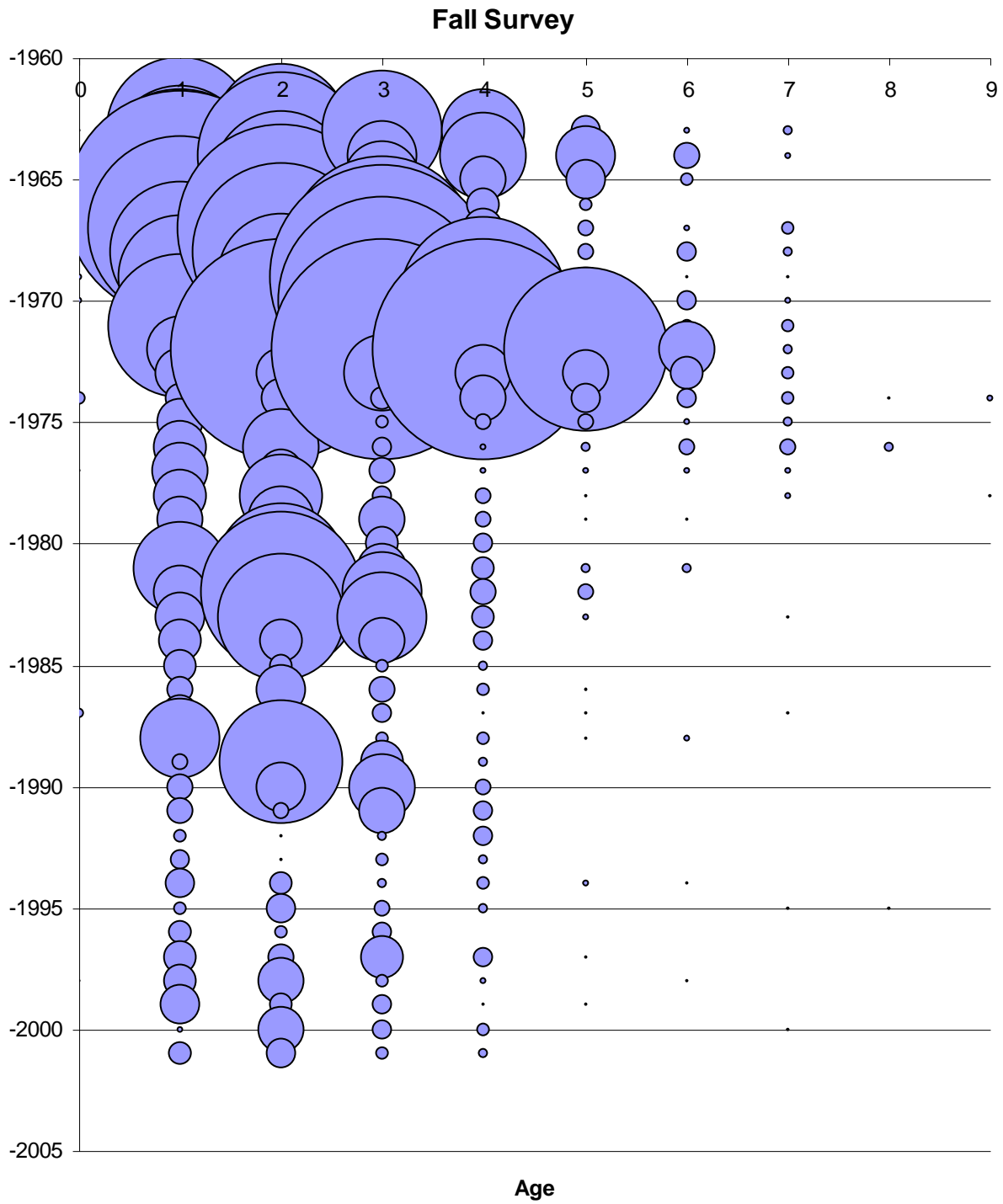


Figure A1.9b.

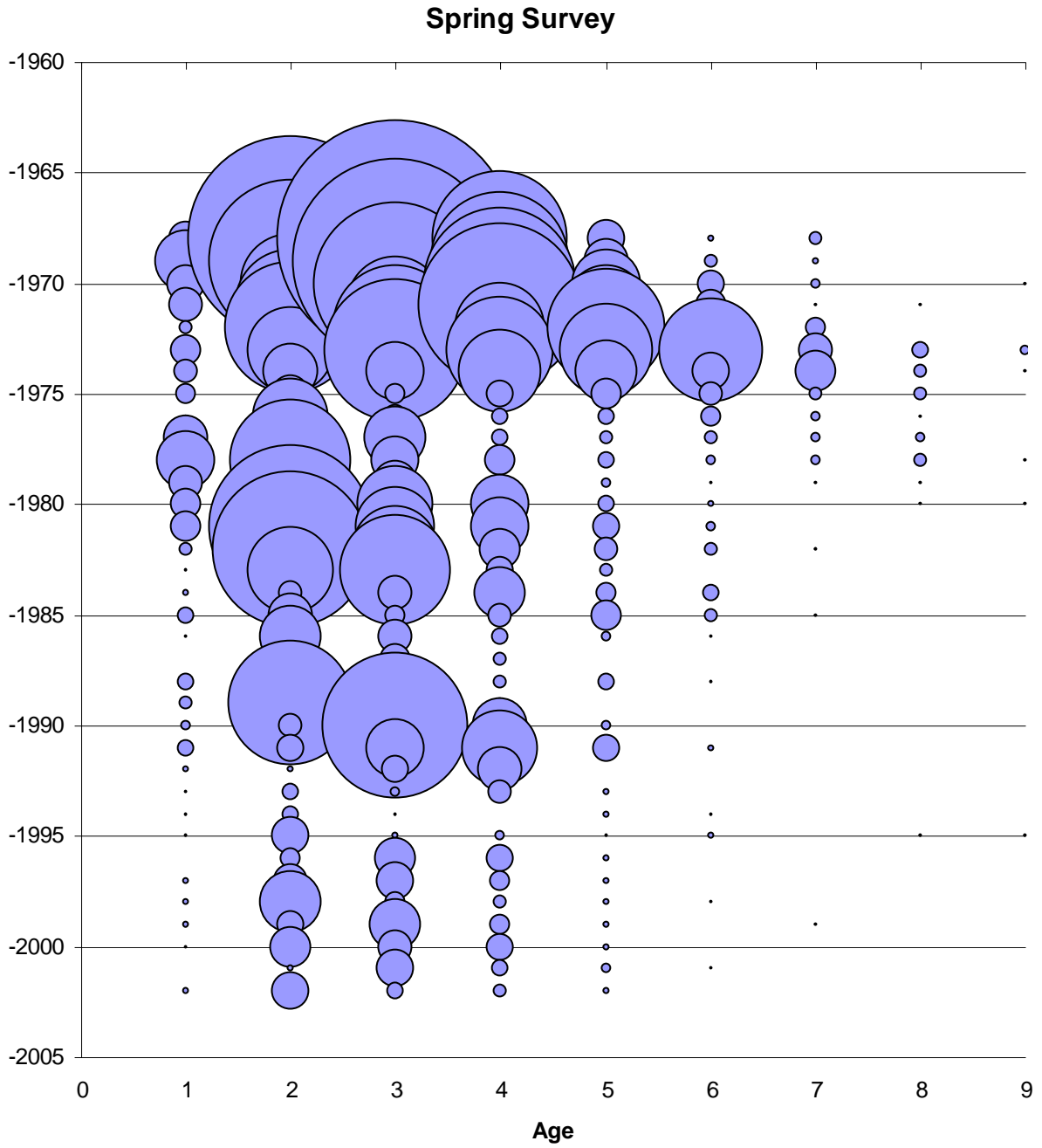


Figure A1.9c.

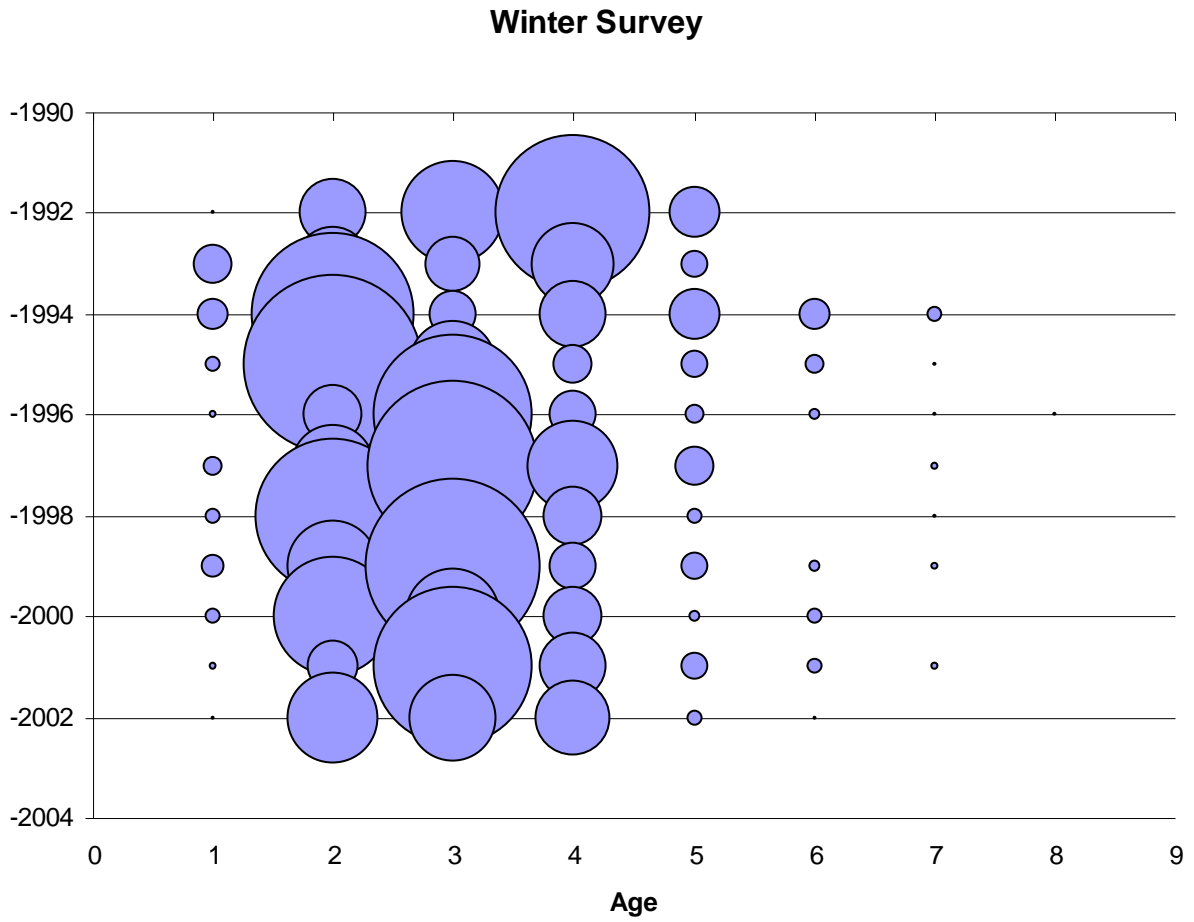


Figure A1.10a. Normalized indices of abundance of southern New England – Mid Atlantic yellowtail flounder, by age.

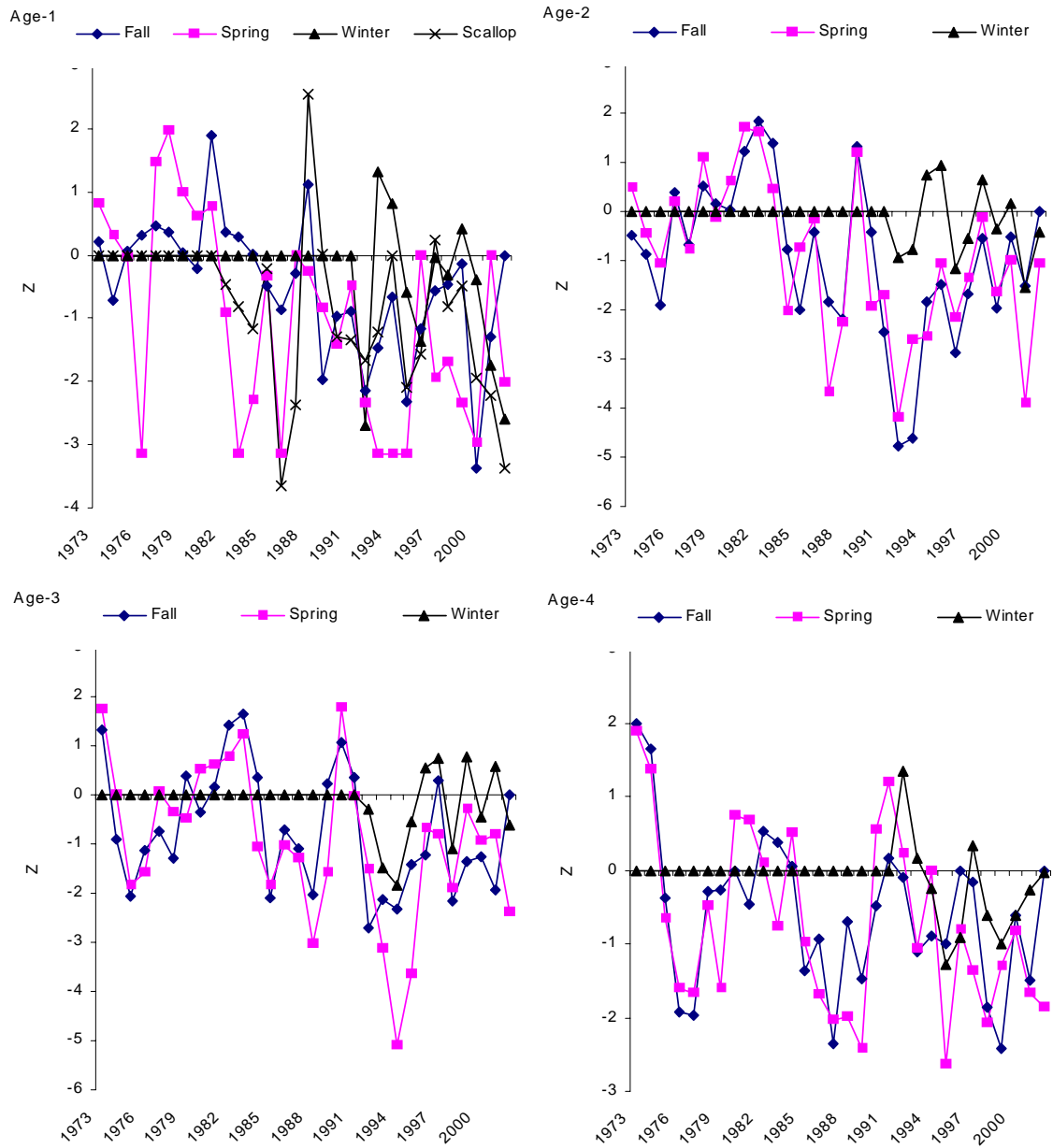


Figure A1.10b.

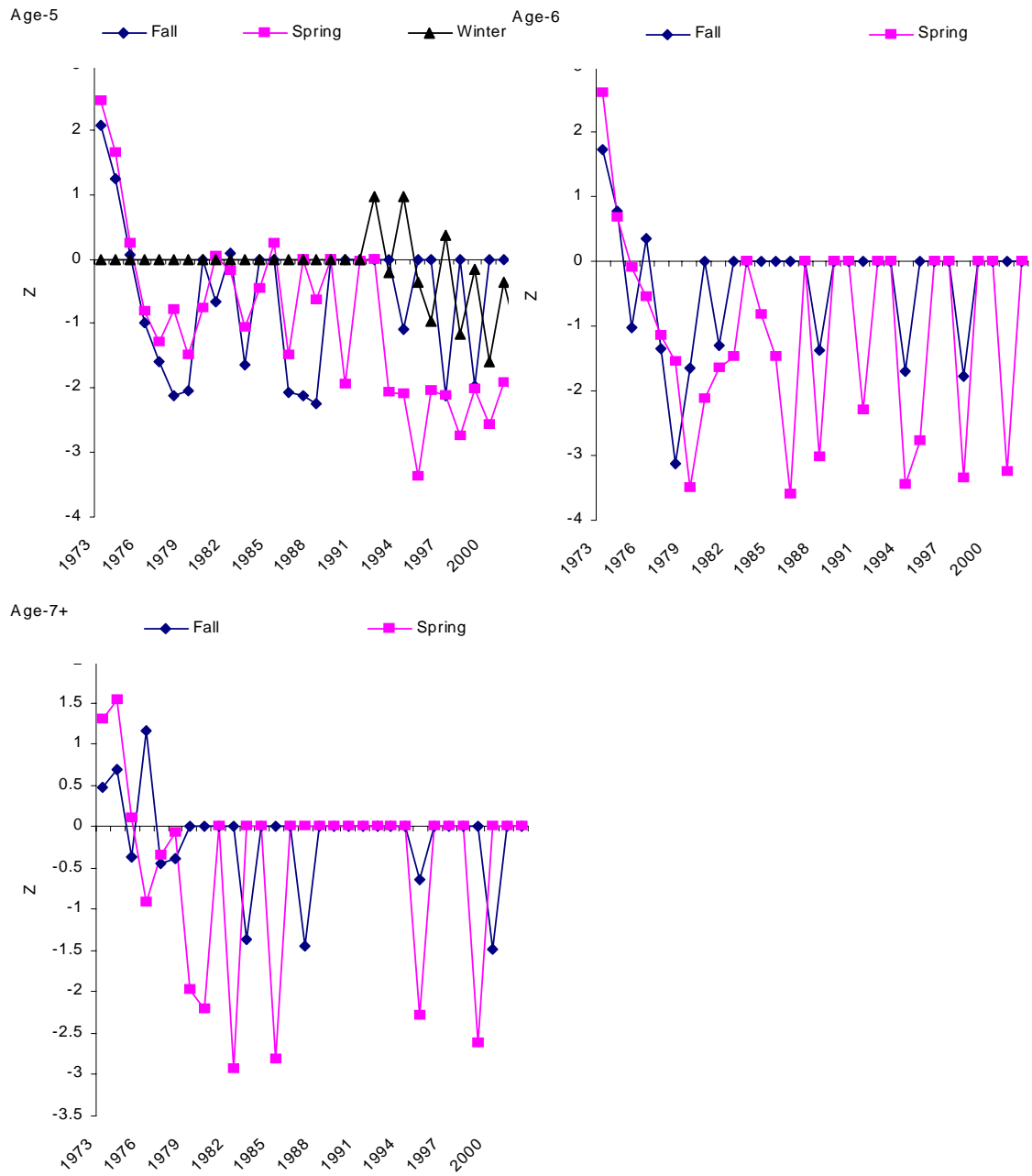


Figure A1.11a. Calibration residuals from southern New England – Mid Atlantic yellowtail flounder ADAPT analysis.

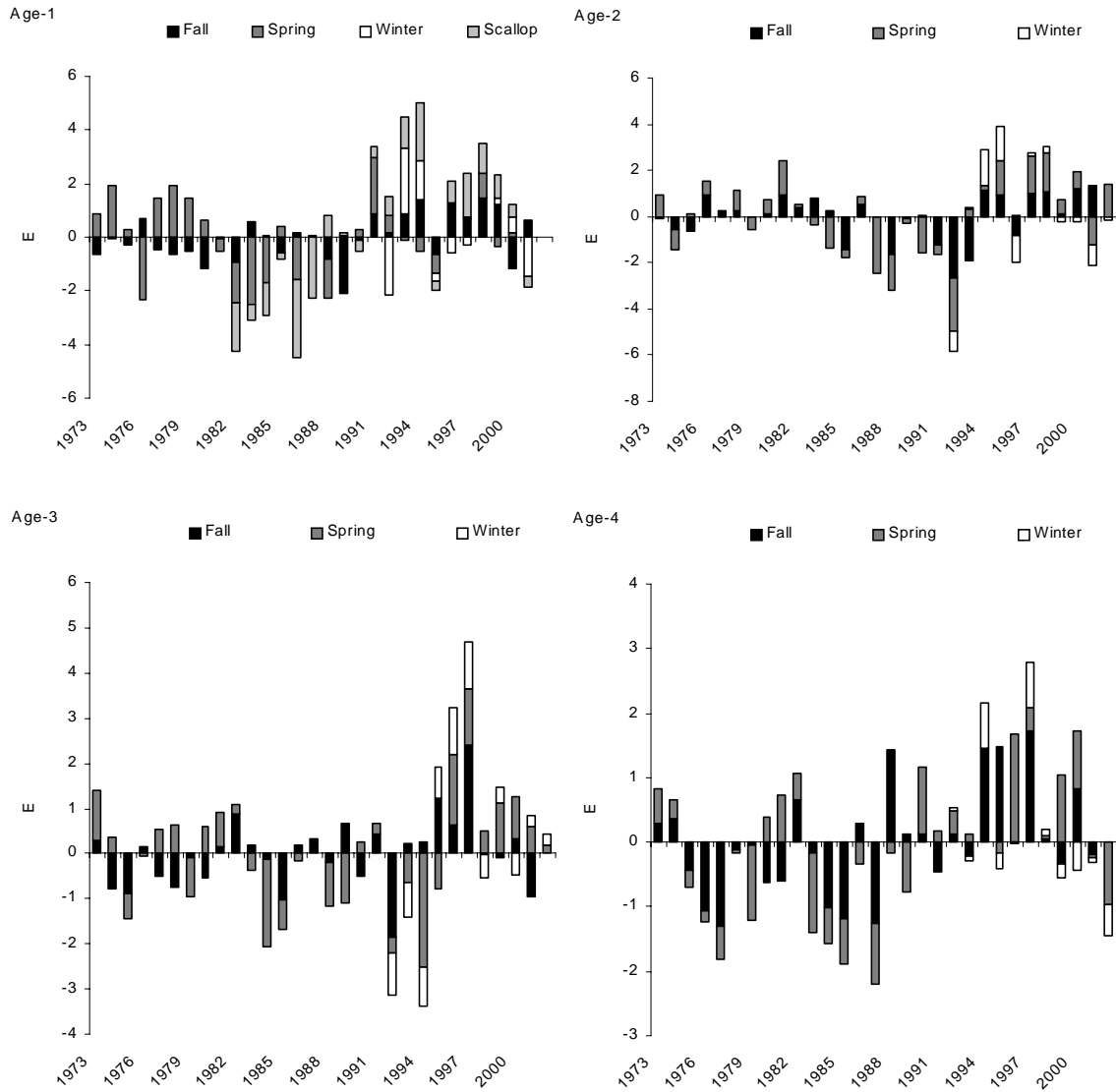


Figure A1.11b.

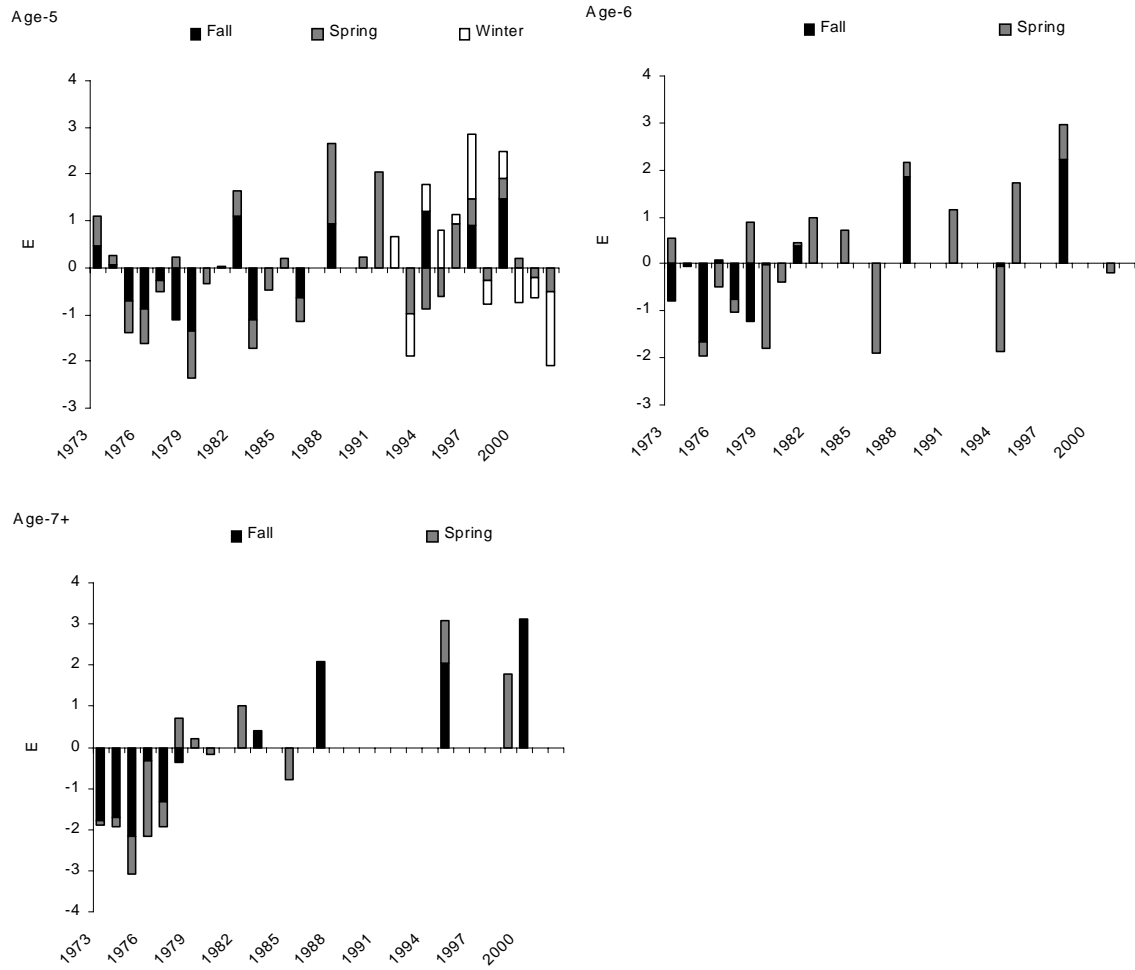


Figure A1.12a. VPA results for southern New England – Mid Atlantic yellowtail flounder.

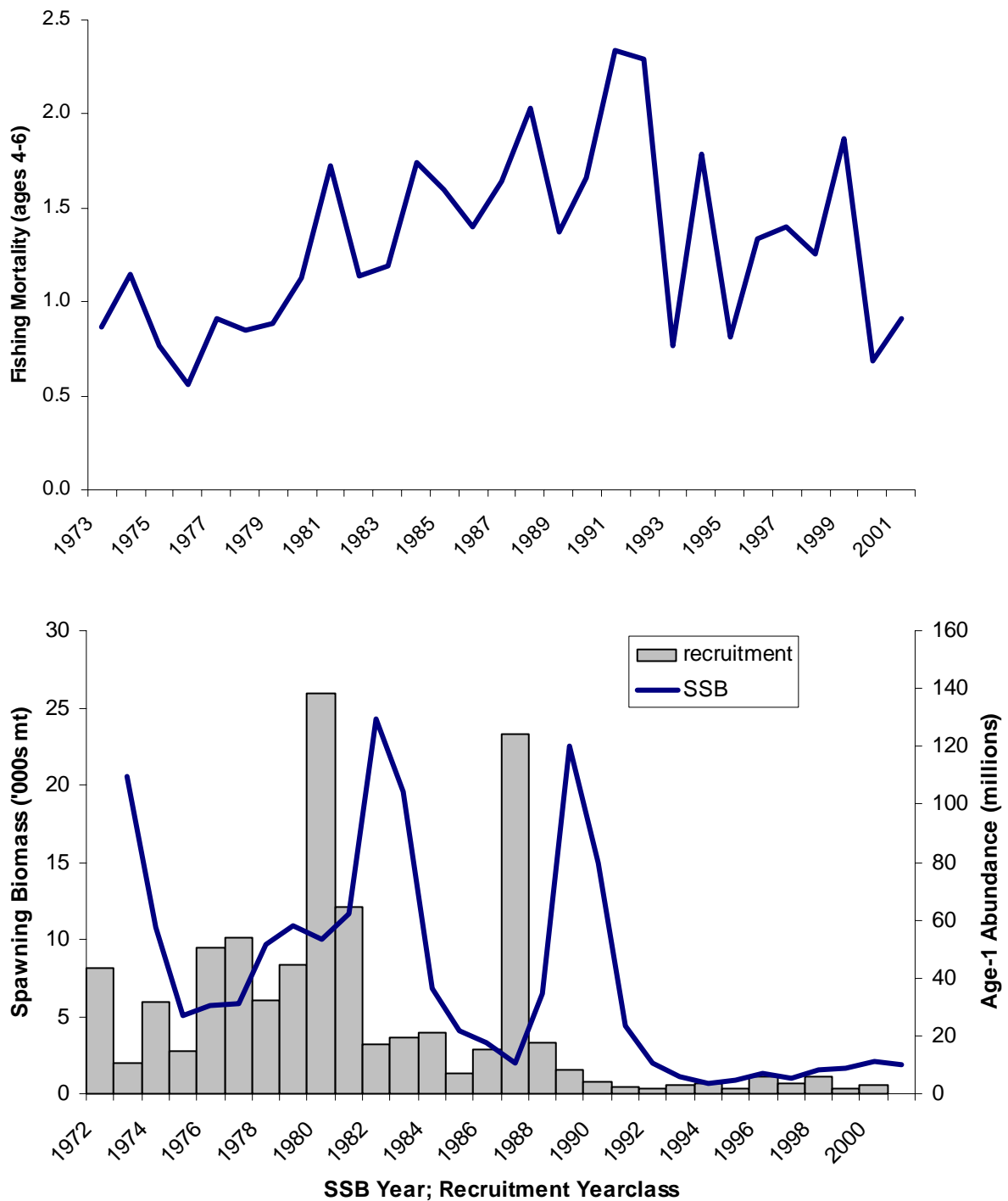


Figure A1.12b. Spawning stock and recruitment of southern New England – Mid Atlantic yellowtail flounder (points labeled by yearclass).

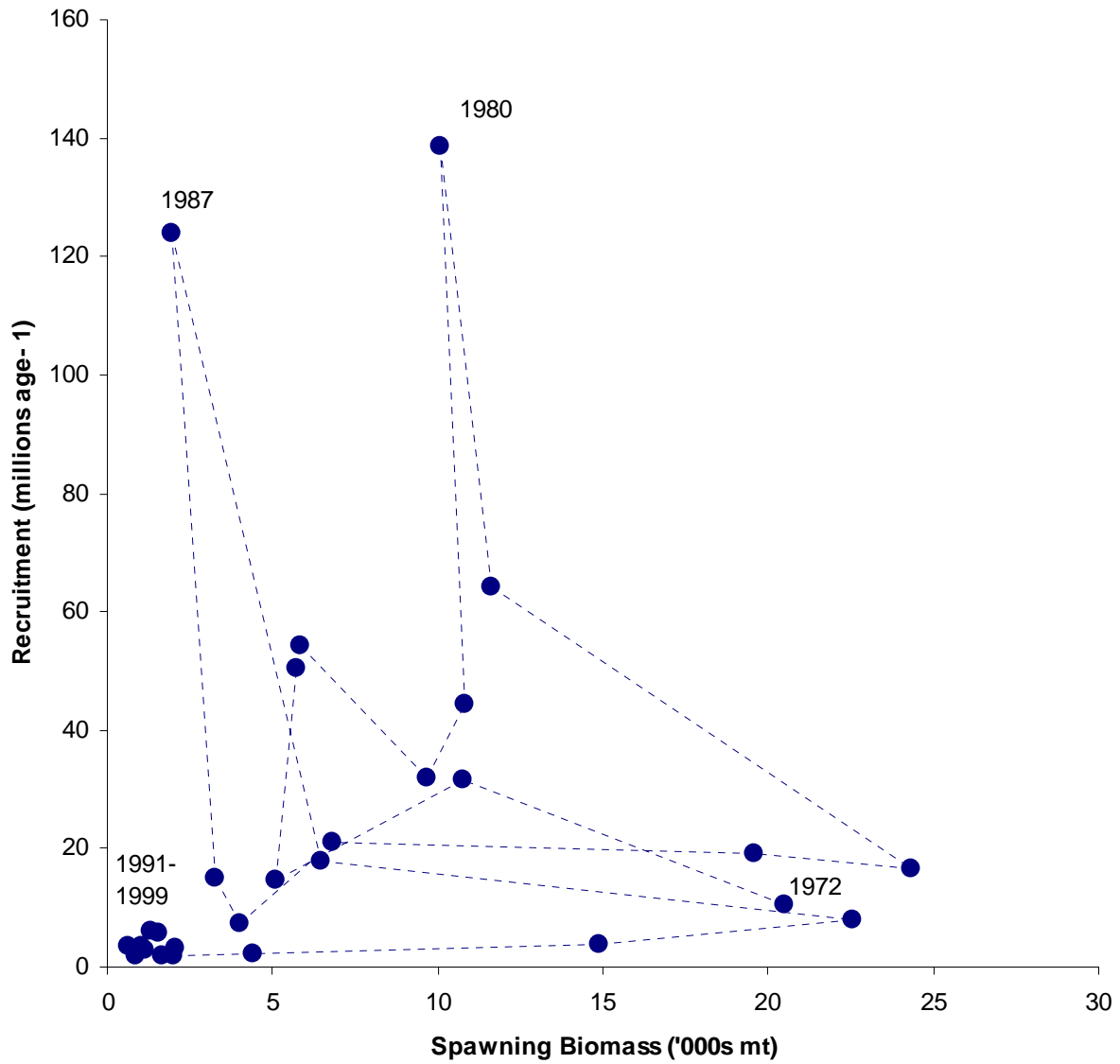


Figure A1.12c. Abundance at age of southern New England – Mid Atlantic yellowtail flounder.

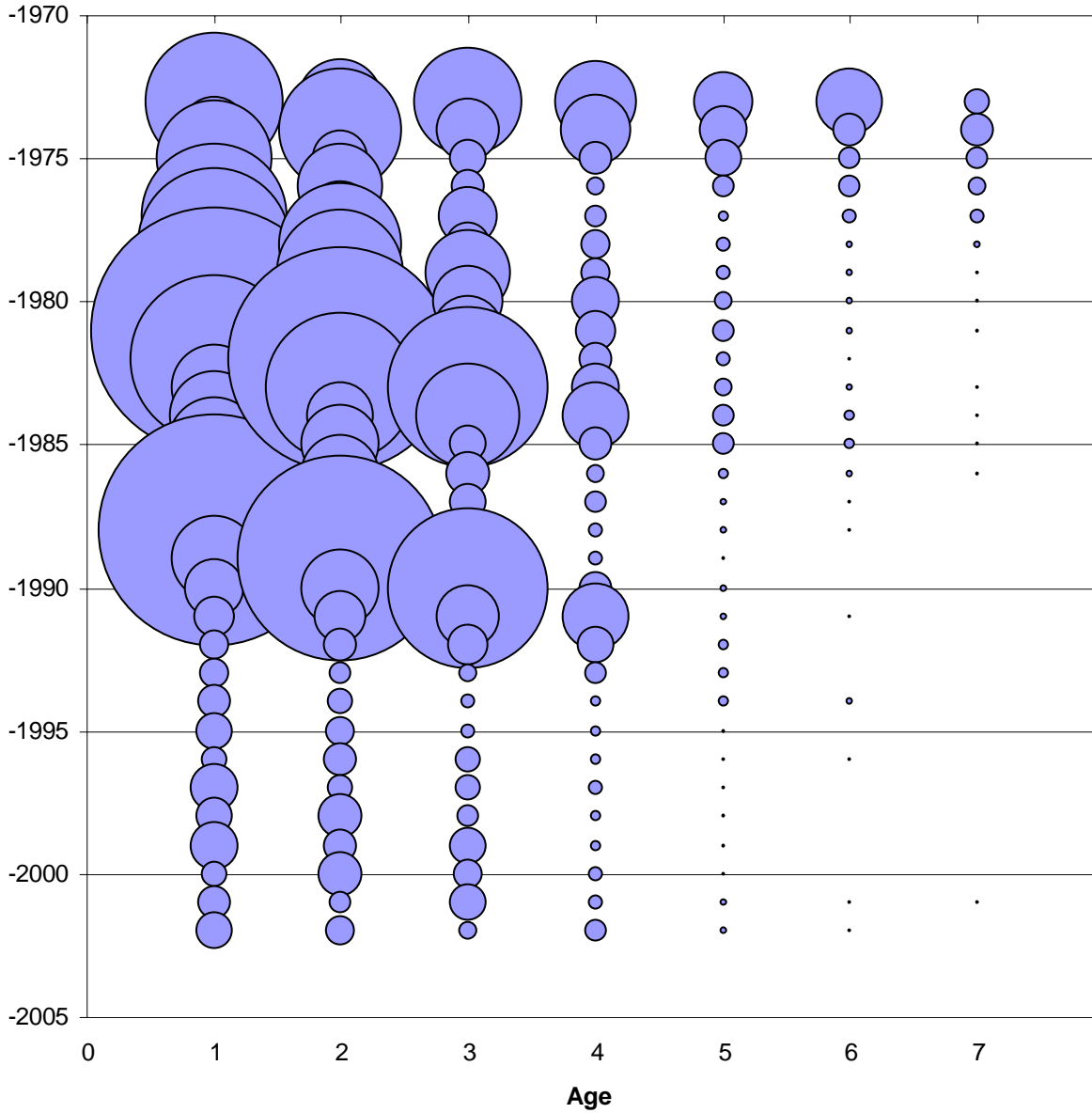


Figure A1.13. Retrospective analysis of the southern New England – Mid Atlantic yellowtail flounder VPA.

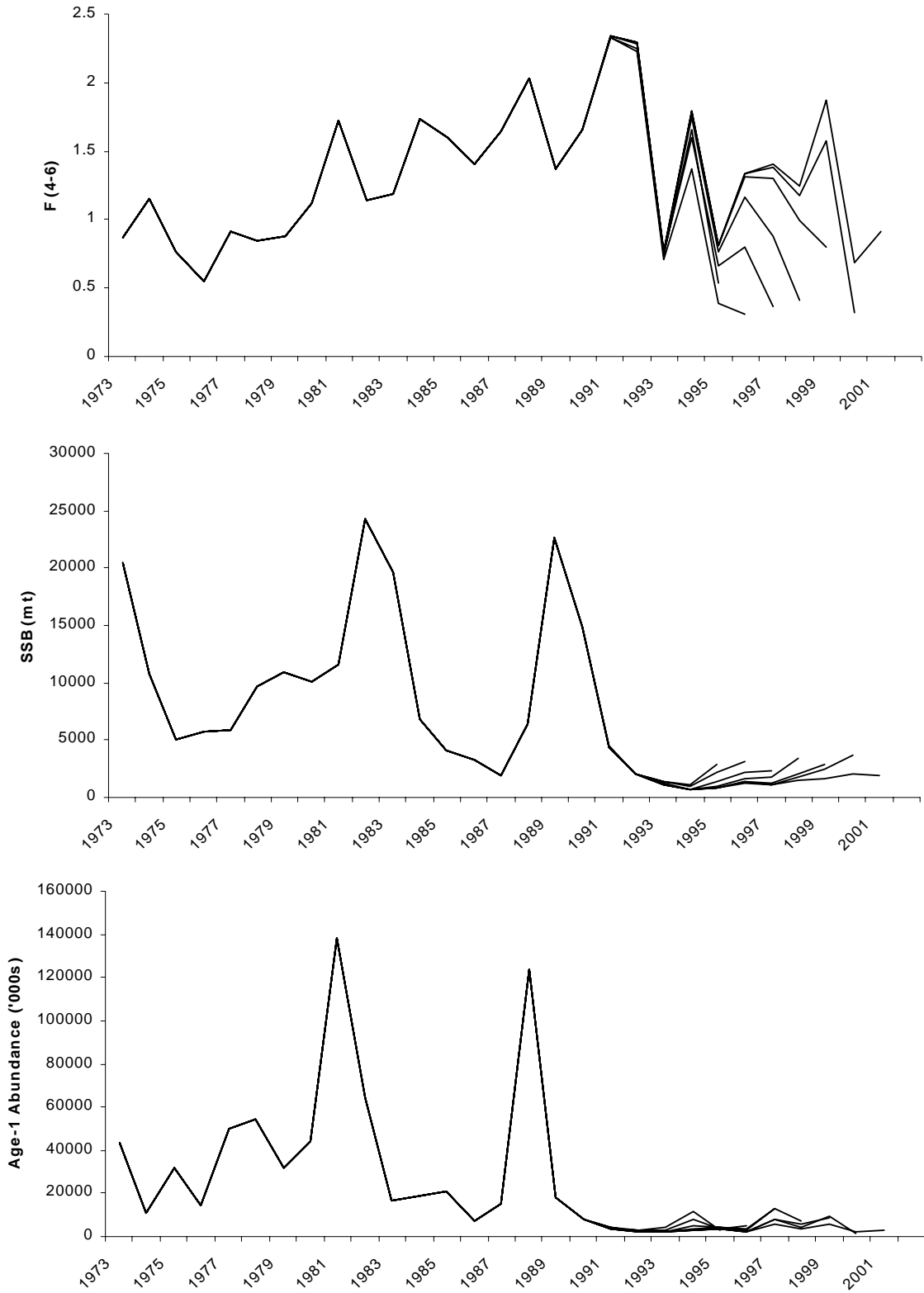


Figure A1.14. Results from biomass dynamics model (ASPIC) of southern New England – Mid Atlantic yellowtail flounder, with age-based estimates (ADAPT) for comparison.

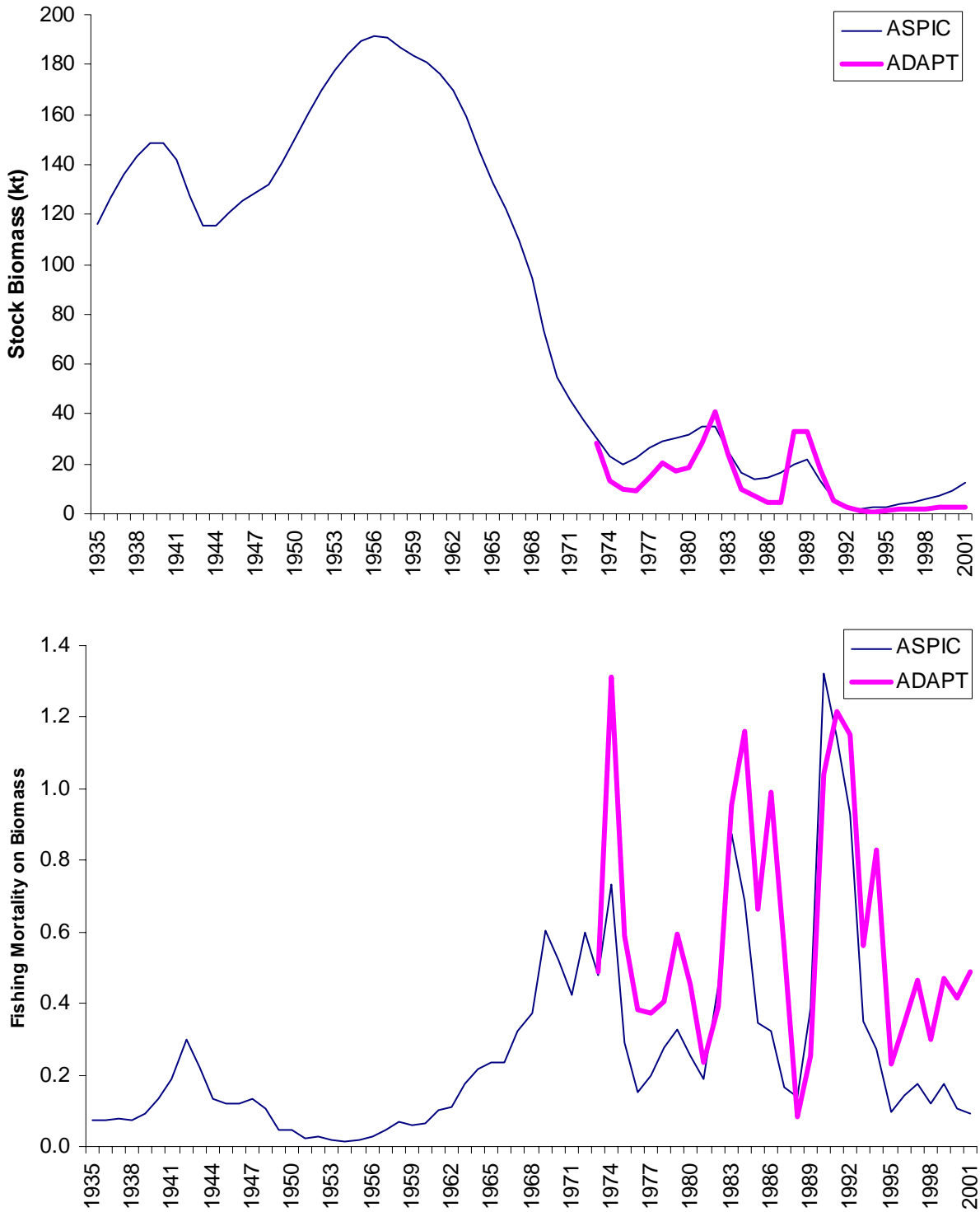


Figure A1.15. Yield and biomass per recruit of southern New England – Mid Atlantic yellowtail flounder.

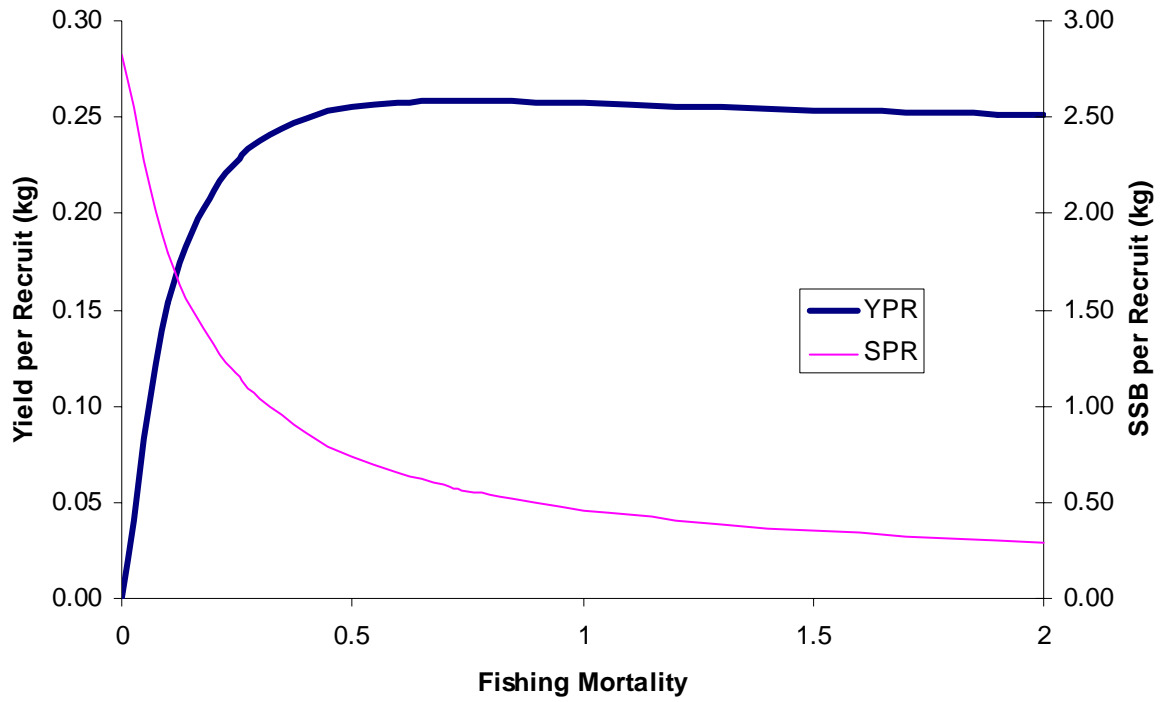


Figure A1.16. Stochastic projection of southern New England – Mid Atlantic yellowtail flounder spawning biomass (top panel) and landings (bottom panel) at $F=0.26$, assuming long-term recruitment (dotted lines indicate 90% confidence limits, and the dashed horizontal line indicates SSB_{MSY}).

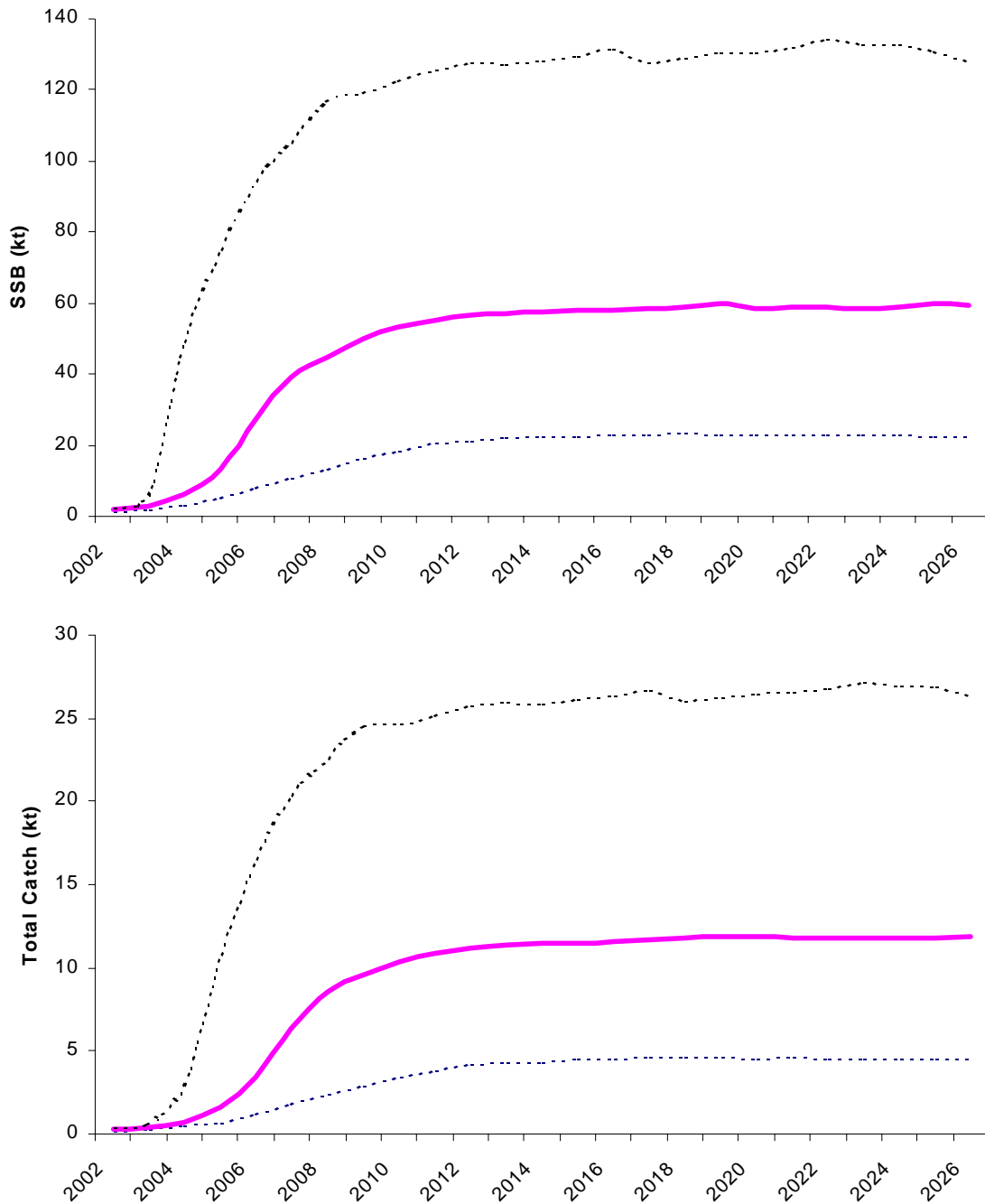


Figure A1.17. Stochastic projection of southern New England – Mid Atlantic yellowtail flounder spawning biomass (top panel) and landings (bottom panel) at a 2002 F of 0.77 and 2003-2009 F of 0.08, assuming long-term recruitment (dotted lines indicate 90% confidence limits, and the dashed horizontal line indicates SSB_{MSY}).

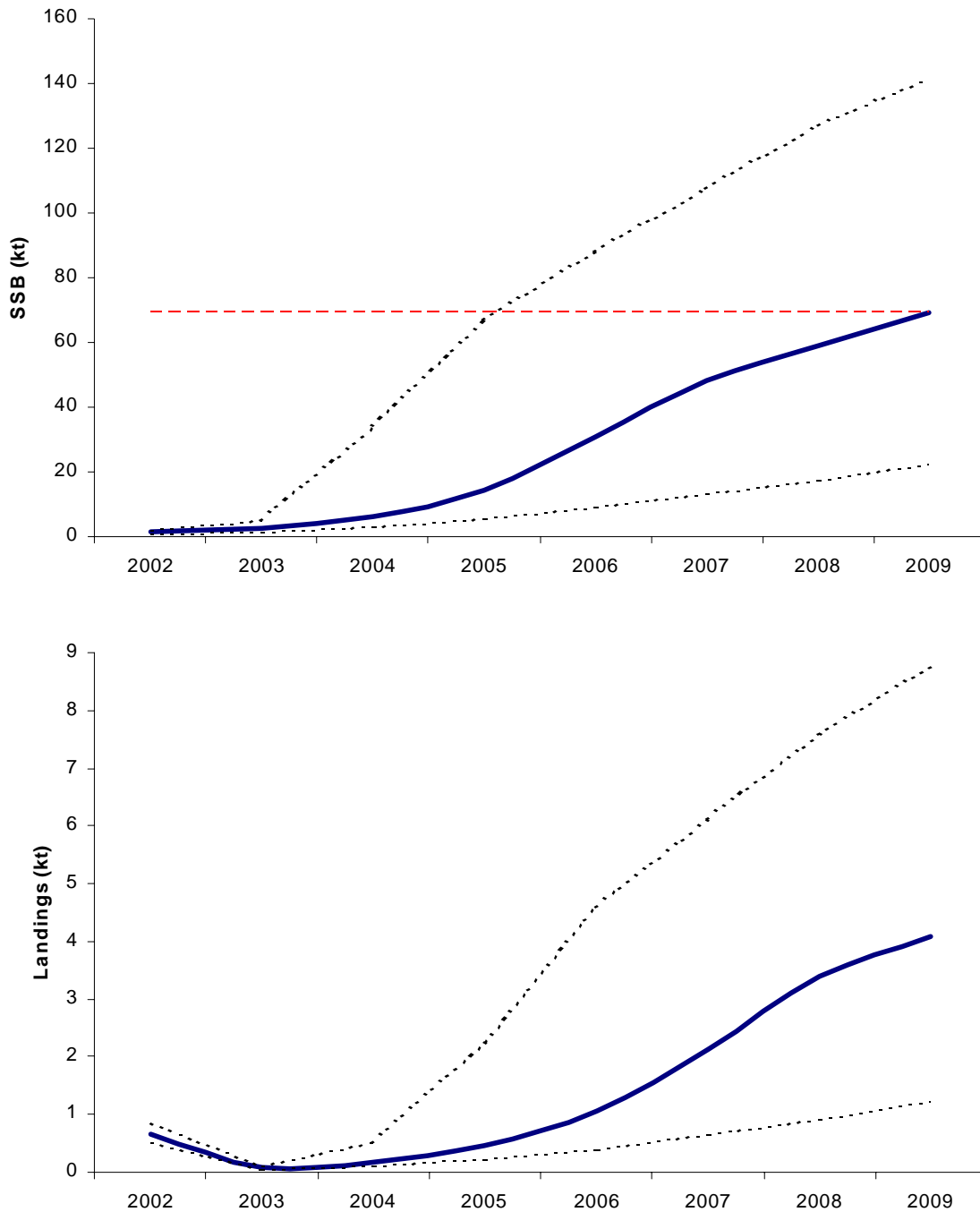


Figure A.1.18. Sensitivity analysis of MSY reference proxies for southern New England-Mid Atlantic yellowtail flounder, assuming different periods of recruitment (with 80% confidence intervals).

