

# Summer Flounder - Mid-Atlantic Coast

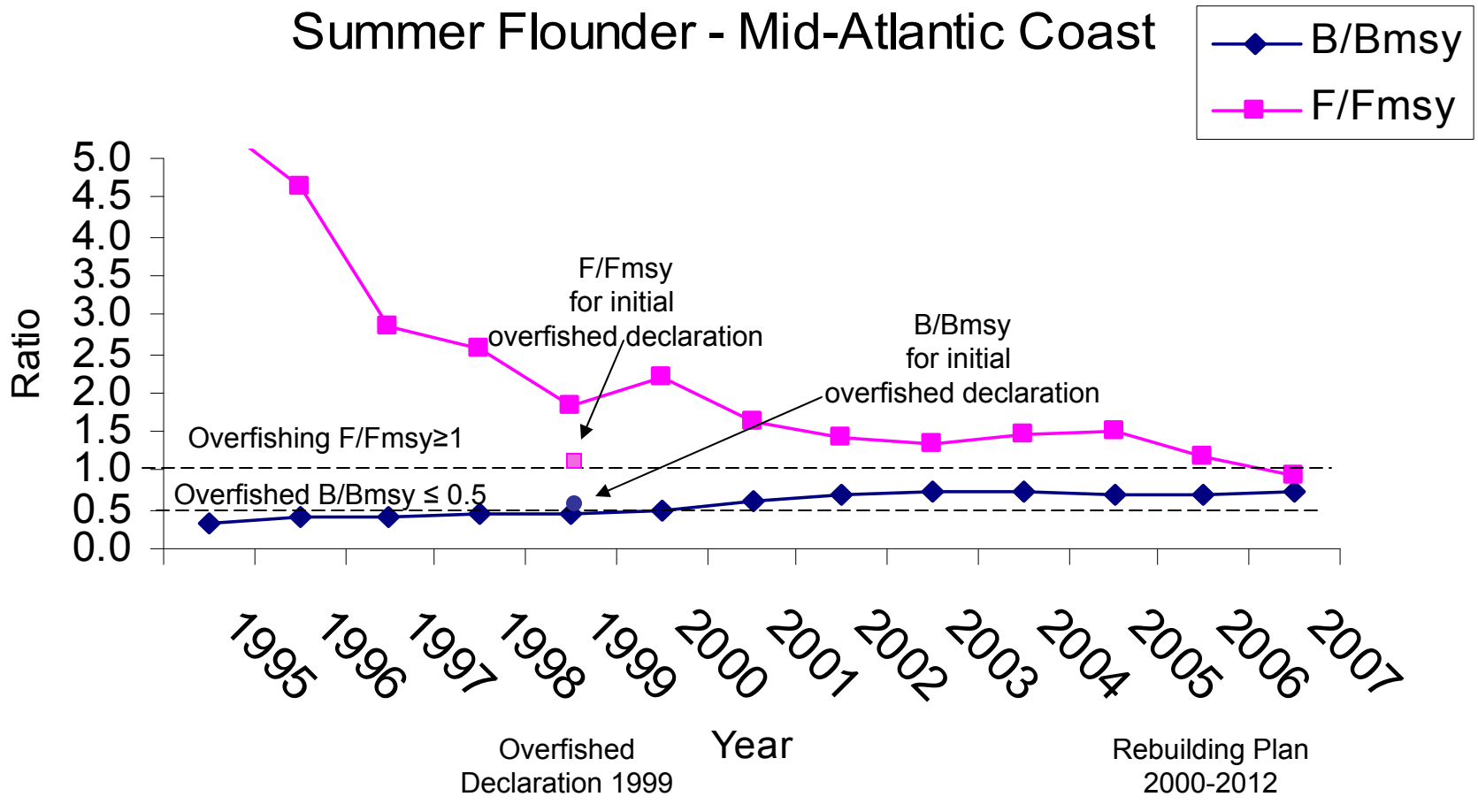


Figure A1. Northeast Region Summer Flounder – Mid-Atlantic Coast has a controlled fishing mortality and biomass is rebuilding. Bmsy proxy is spawning biomass (SBmsy). Due to the periodic recalculation of F and B by stock assessment scientists, the initial estimates of F and B used in the overfished declaration are included to illustrate the uncertainty of stock assessment estimates.

# Barndoor Skate - Georges Bank / Southern New England

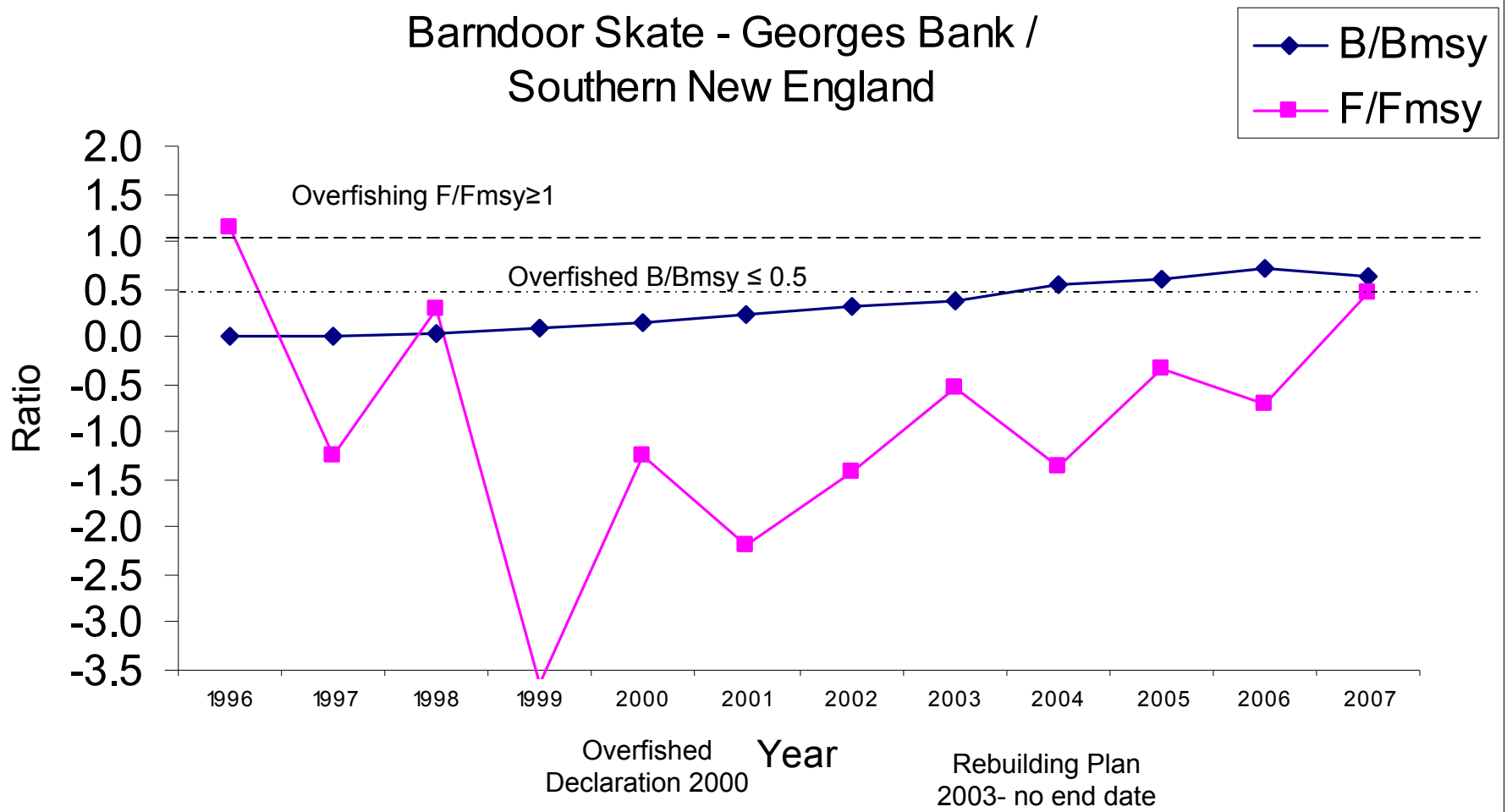


Figure A2. Northeast Region Barndoor Skate – Georges Bank / Southern New England has a controlled fishing mortality and biomass is rebuilding. Bmsy proxy is in kg/tow. Overfishing occurs if there is greater than a 30% decrease in the 3-year moving average. Thus, a negative ratio represents an increase in the moving average, which is good. A ratio  $\geq 1$  represents a stock that is subject to overfishing.

# Bluefish - Atlantic Coast

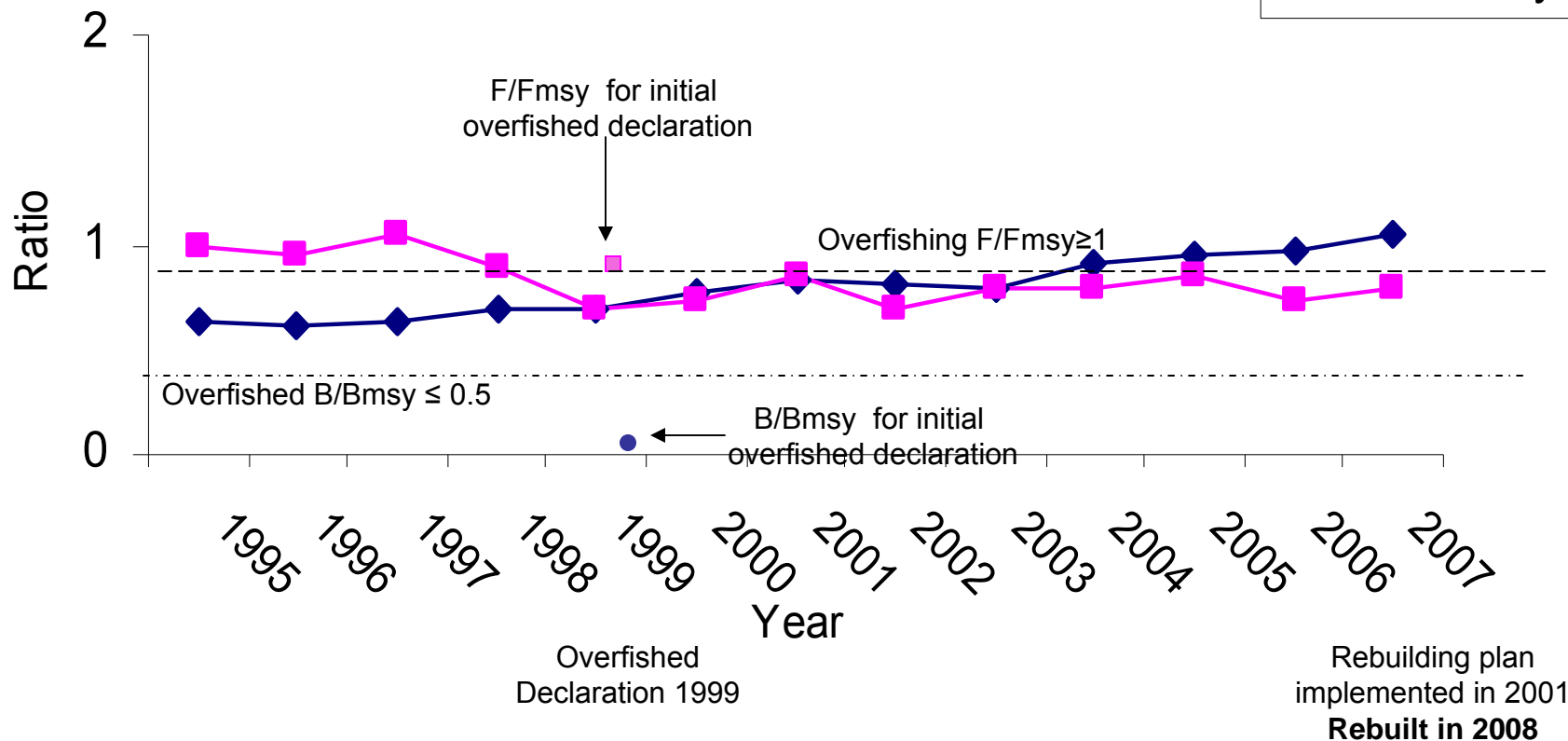


Figure A3. Northeast Region Bluefish – Atlantic Coast has a controlled fishing mortality and biomass has rebuilt to  $B_{msy}$ . Due to the periodic recalculation of  $F$  and  $B$  by stock assessment scientists, the initial estimates of  $F$  and  $B$  used in the overfished declaration are included to illustrate the uncertainty of stock assessment estimates.

# Bocaccio - Southern Pacific Coast

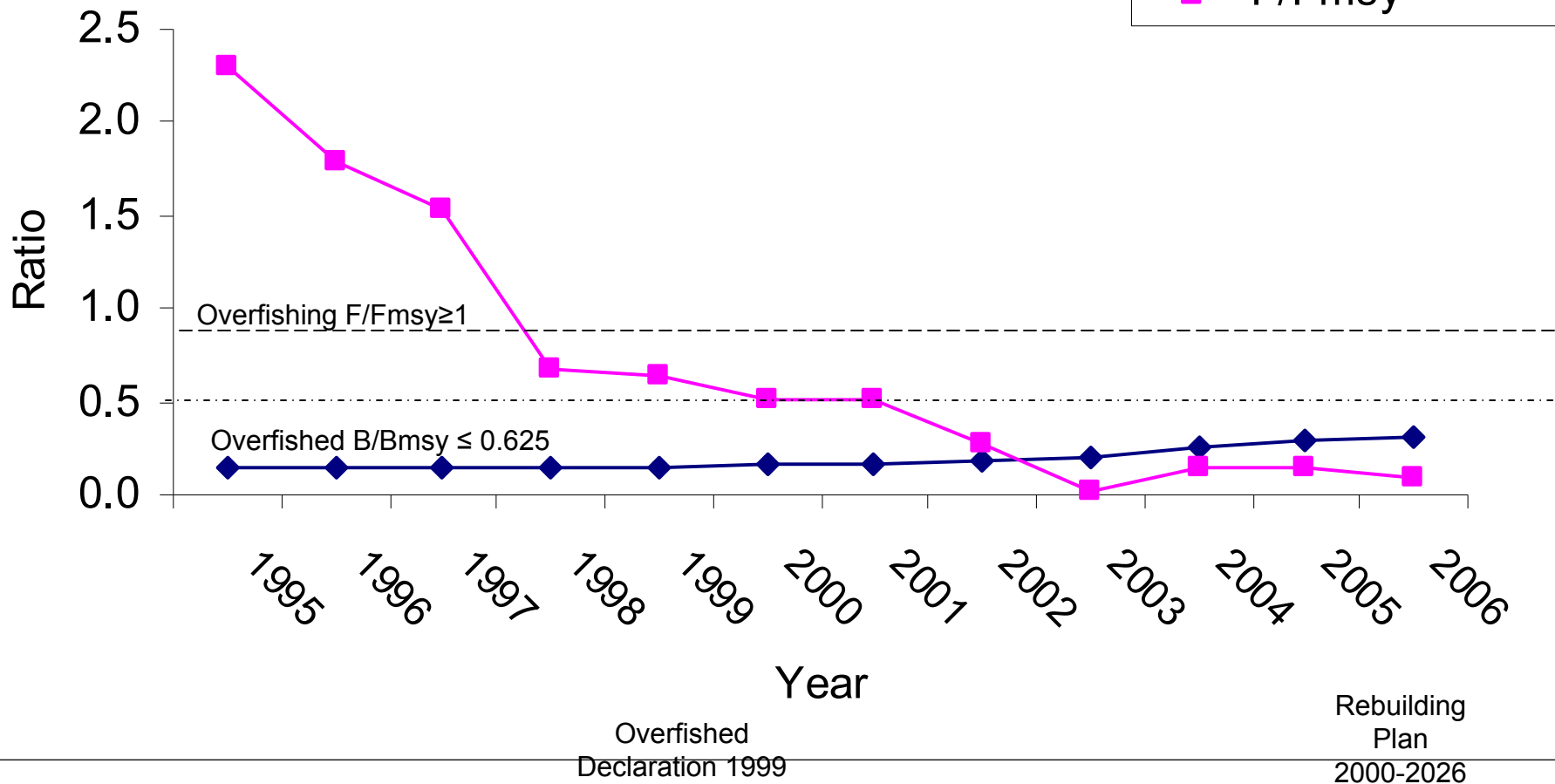


Figure A4. Northwest Region Bocaccio – Southern Pacific Coast has a controlled fishing mortality and biomass is rebuilding as expected. NOTE: Overfishing determination is made on the basis of catch data, but F estimates were used to determine what the estimated fishing mortality was in each year.

# Canary Rockfish - Pacific Coast

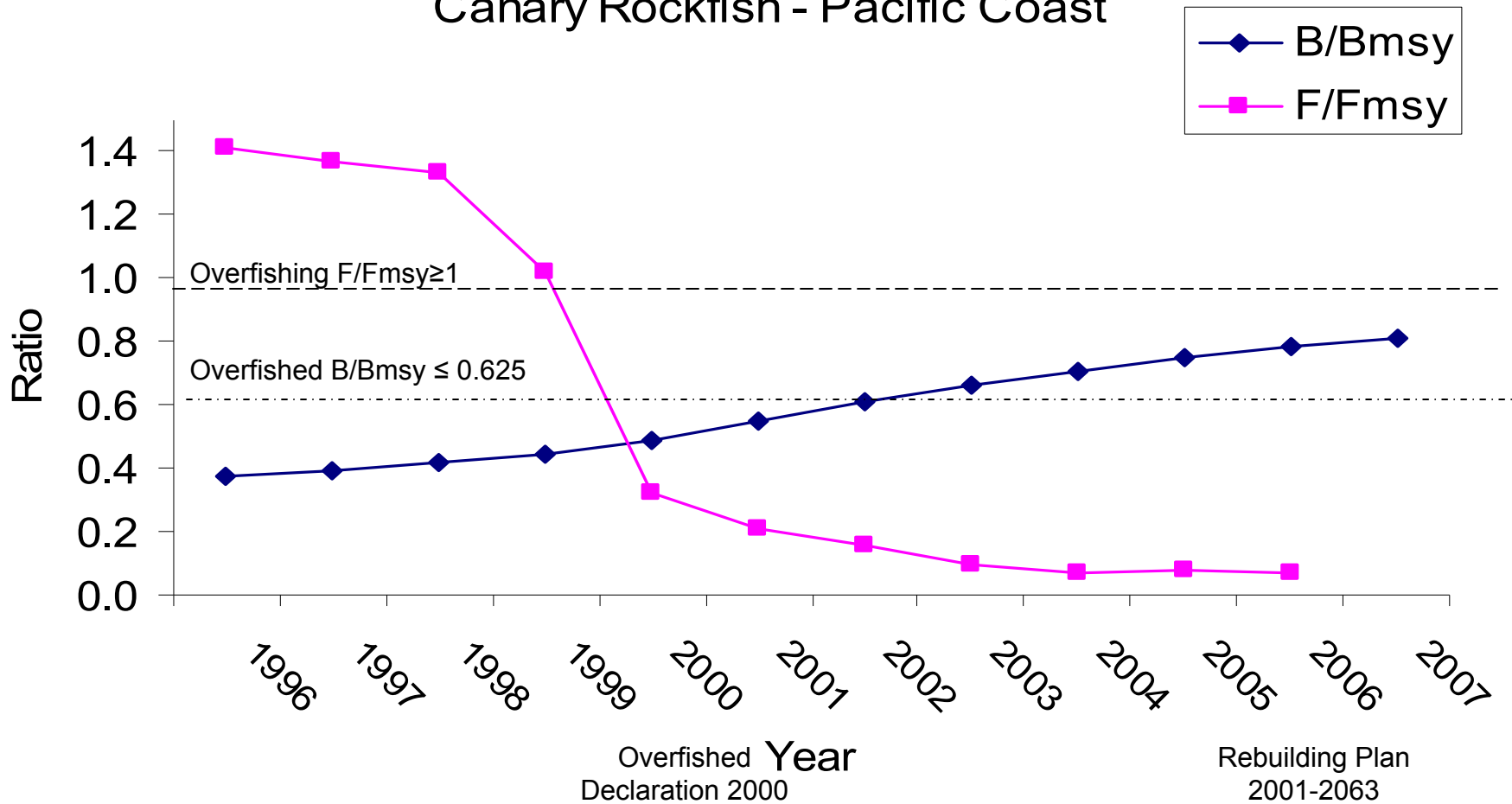


Figure A5. Northwest Region Canary Rockfish – Pacific Coast has a controlled fishing mortality and biomass is rebuilding as expected. NOTE: Overfishing determination is made on the basis of catch data, but F estimates were used to determine what the estimated fishing mortality was in each year.

# Cowcod - Southern California

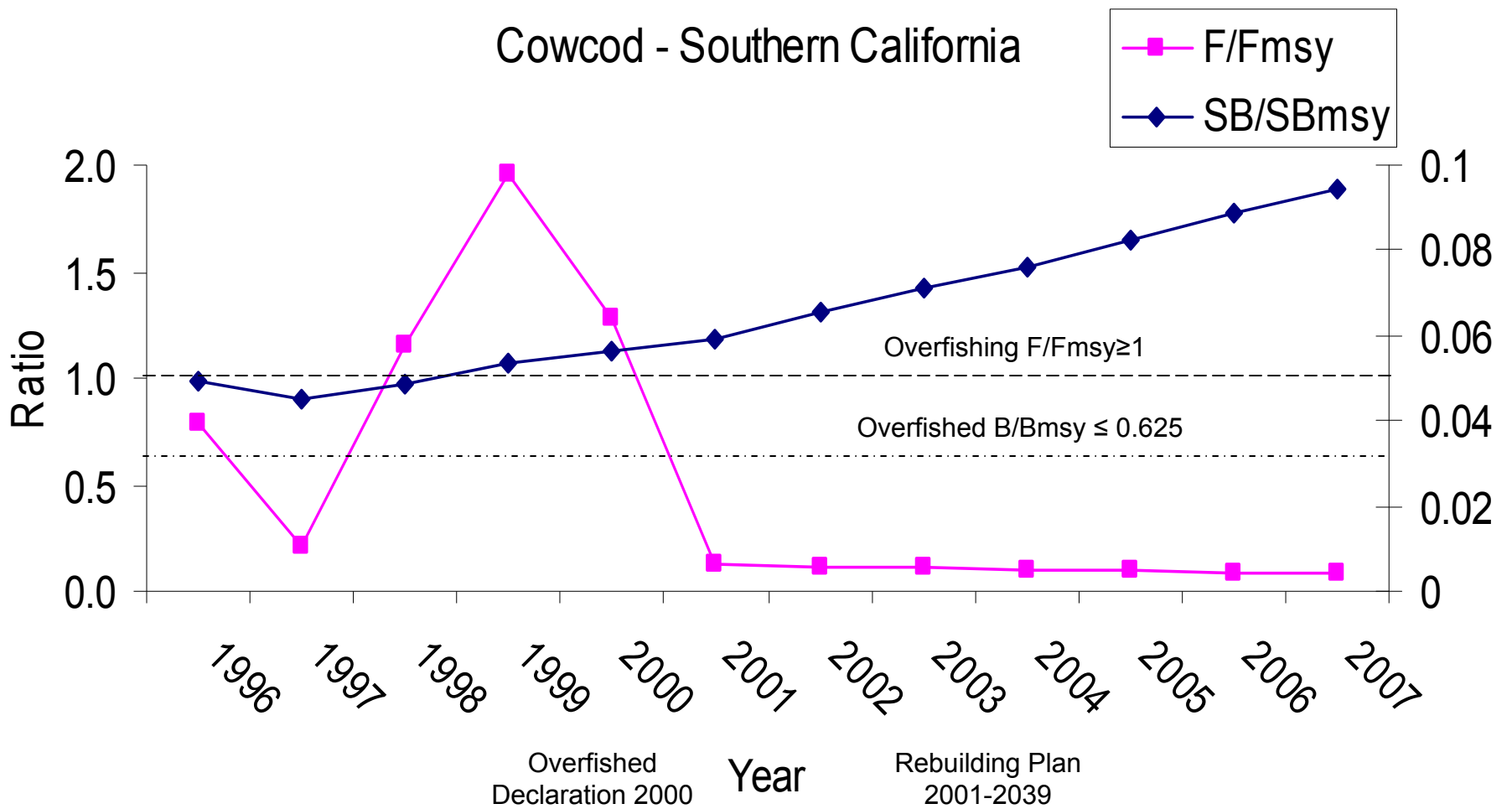


Figure A6. Northwest Region Cowcod – Southern California has a controlled fishing mortality and biomass is rebuilding as expected. NOTE: Overfishing determination is made on the basis of catch data, but F estimates were used to determine what the estimated fishing mortality was in each year.

## Darkblotched Rockfish - Pacific Coast

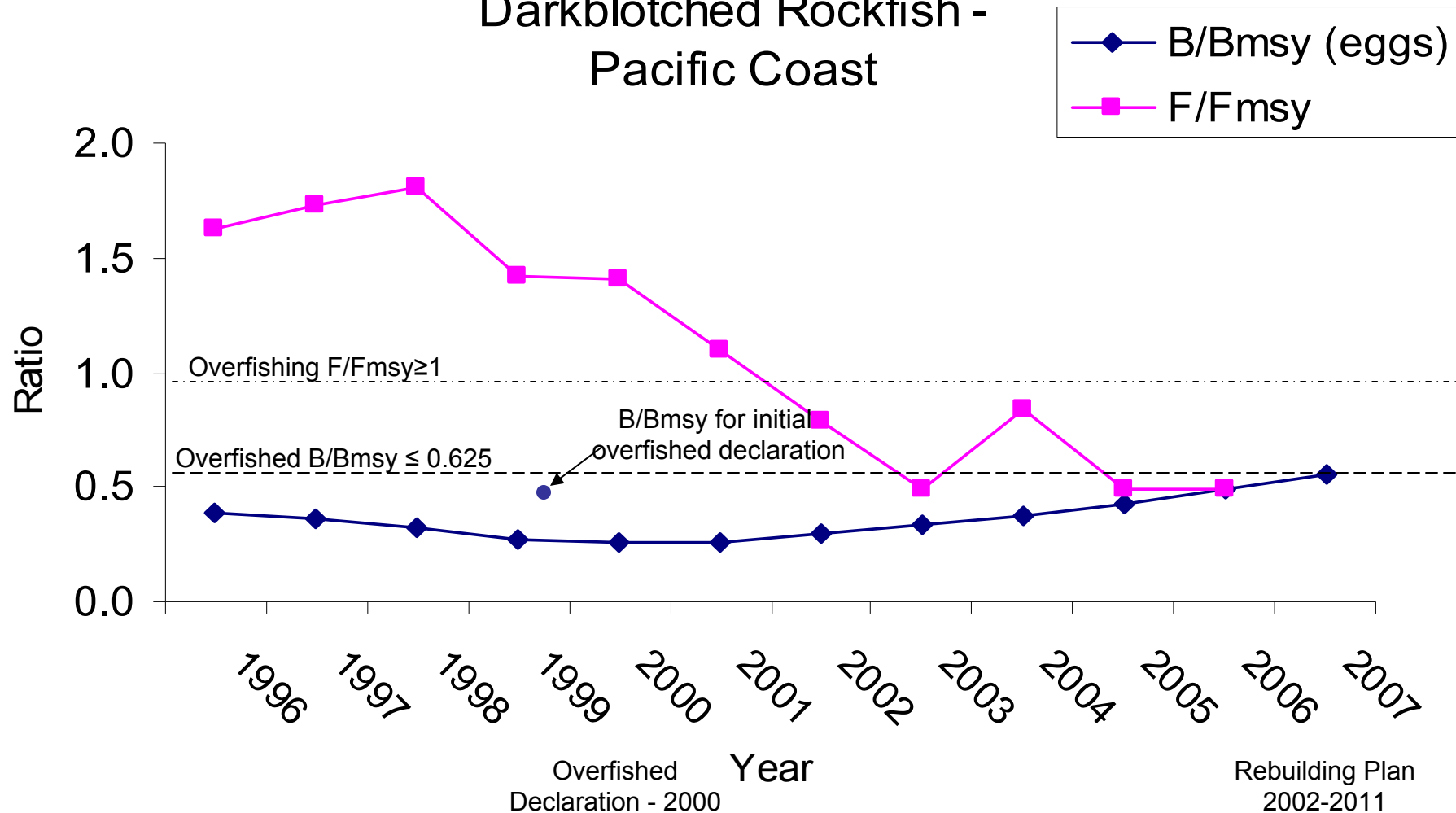


Figure A7. Northwest Region Darkblotched Rockfish – Pacific Coast has a controlled fishing mortality and biomass is rebuilding as expected. NOTE: Overfishing determination is made on the basis of catch data, but  $F$  estimates were used to determine what the estimated fishing mortality was in each year. Due to the periodic recalculation of  $F$  and  $B$  by stock assessment scientists, the initial estimates of  $F$  and  $B$  used in the overfished declaration are included to illustrate the uncertainty of stock assessment estimates.

# Tilefish - Mid-Atlantic Coast

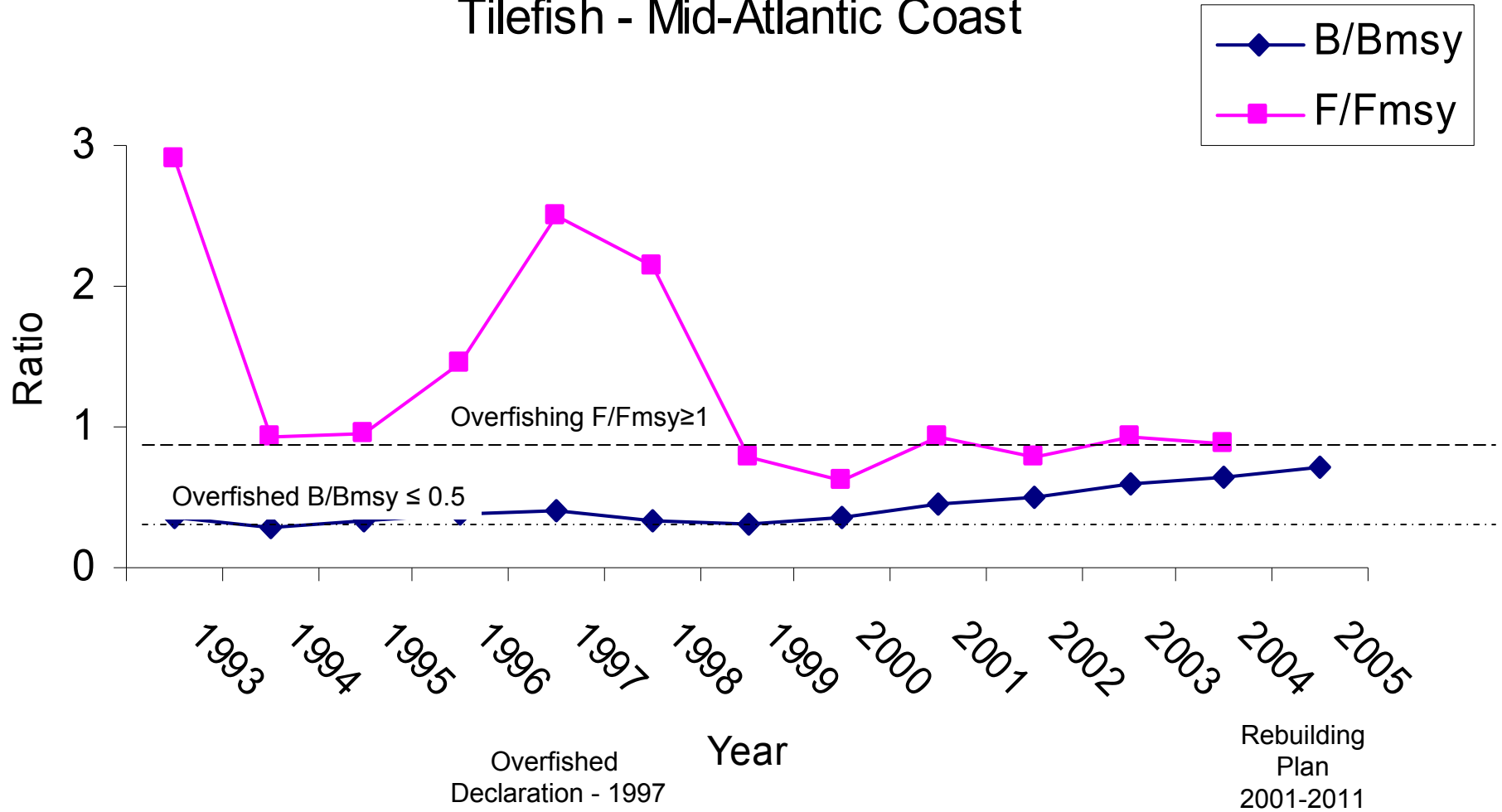


Figure A8. Northeast Region Tilefish – Mid-Atlantic Coast has a controlled fishing mortality and biomass is rebuilding.



# Haddock - Georges Bank

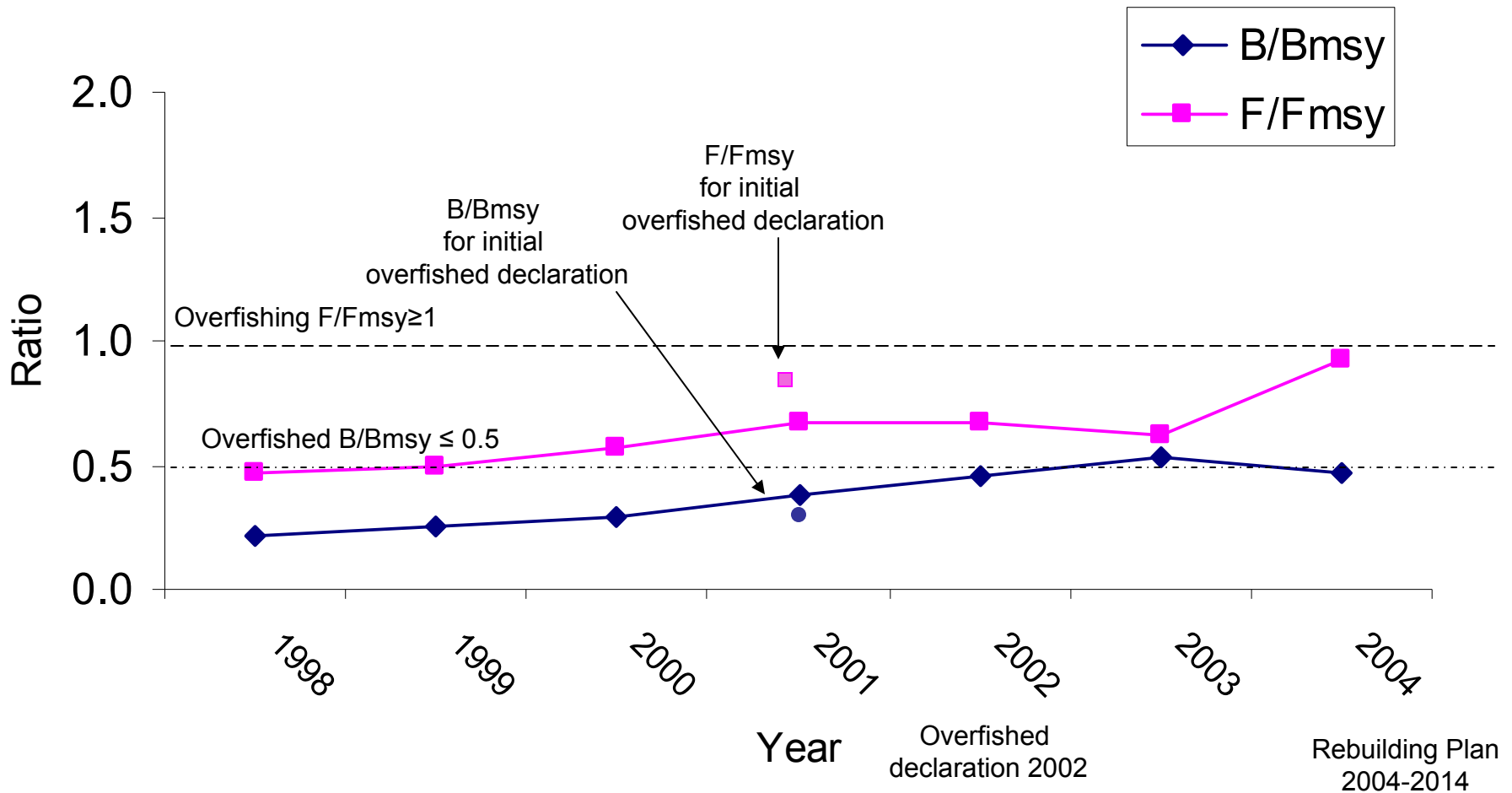


Figure A9. Northeast Region Haddock – Georges Bank has a controlled fishing mortality and biomass is rebuilding. Due to the periodic recalculation of F and B by stock assessment scientists, the initial estimates of F and B used in the overfished declaration are included to illustrate the uncertainty of stock assessment estimates.

# Haddock - Gulf of Maine

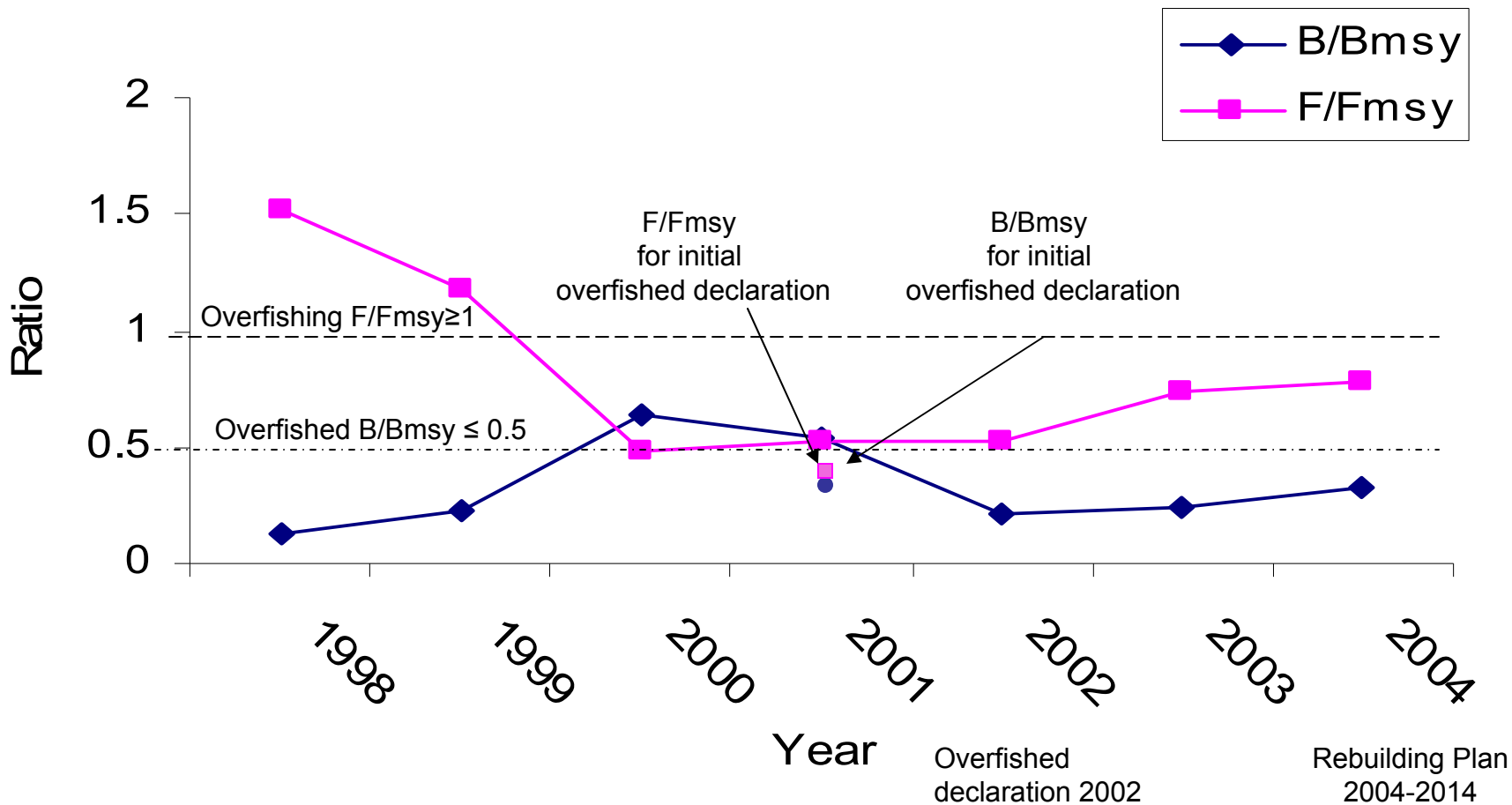


Figure A10. Northeast Region Haddock – Gulf of Maine has a controlled fishing mortality and biomass has increased following the overfished declaration.  $B_{msy}$  proxy is in kg/tow. Due to the periodic recalculation of F and B by stock assessment scientists, the initial estimates of F and B used in the overfished declaration are included to illustrate the uncertainty of stock assessment estimates.

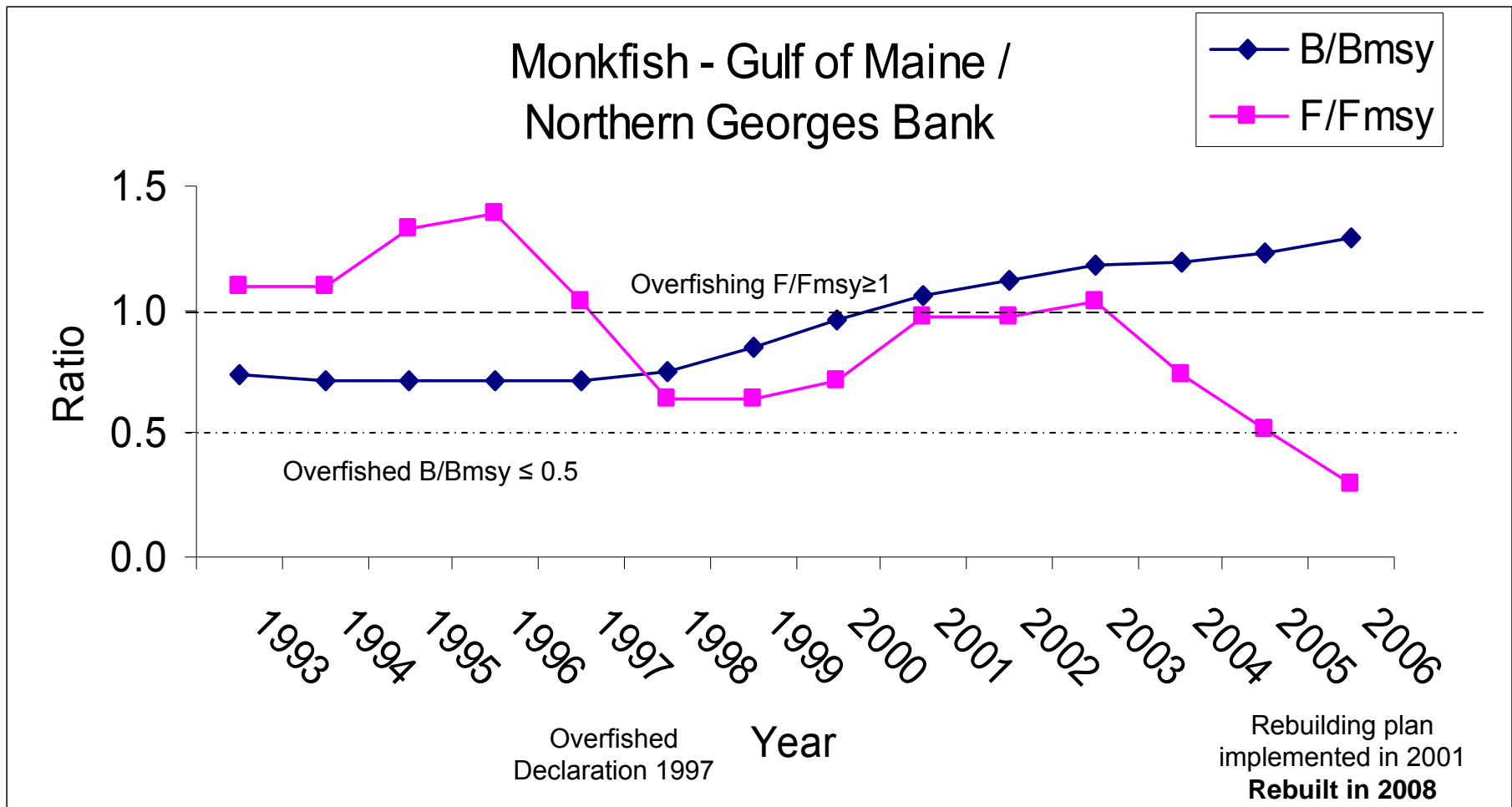


Figure A11. Northeast Region Monkfish – Gulf of Maine / Northern Georges Bank has a controlled fishing mortality and biomass has rebuilt to  $B_{msy}$ .

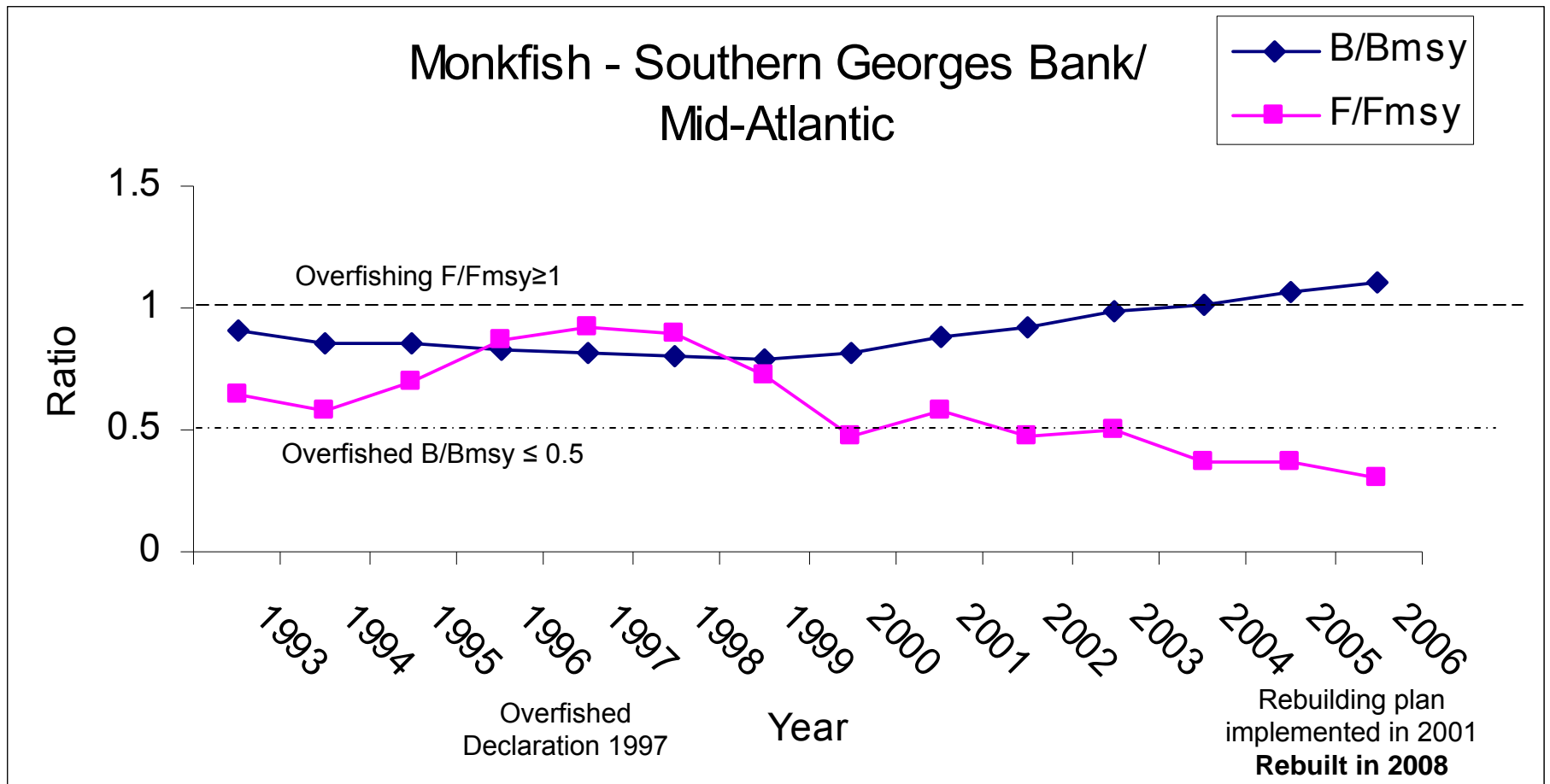


Figure A12. Northeast Region Monkfish – Southern Georges Bank / Mid-Atlantic has a controlled fishing mortality and biomass has rebuilt to  $B_{msy}$ .

# King Mackerel - Gulf of Mexico

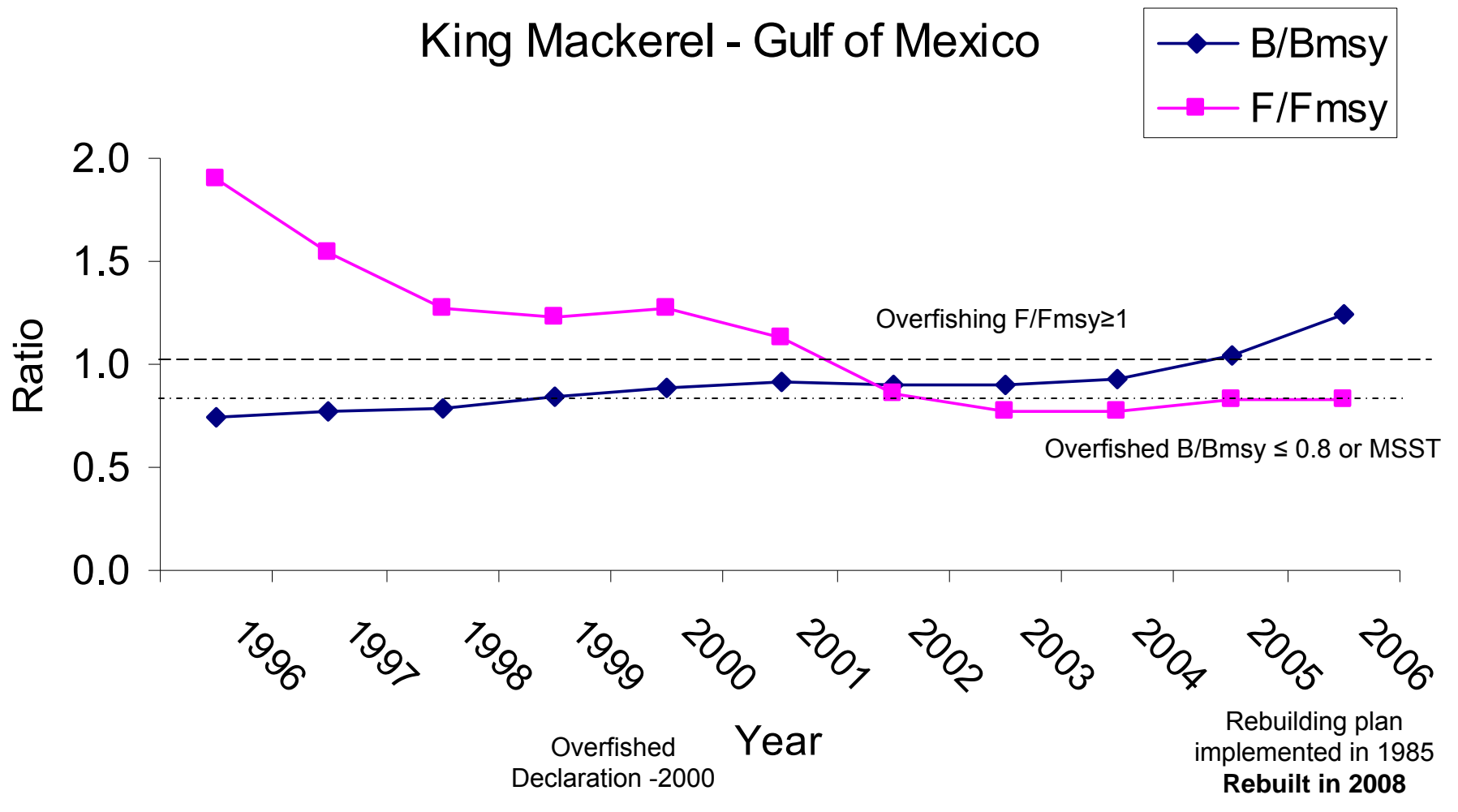


Figure A13. South Atlantic Region King Mackerel – Gulf of Mexico has a controlled fishing mortality and biomass has rebuilt to Bmsy.

## Pacific Ocean Perch - Pacific Coast

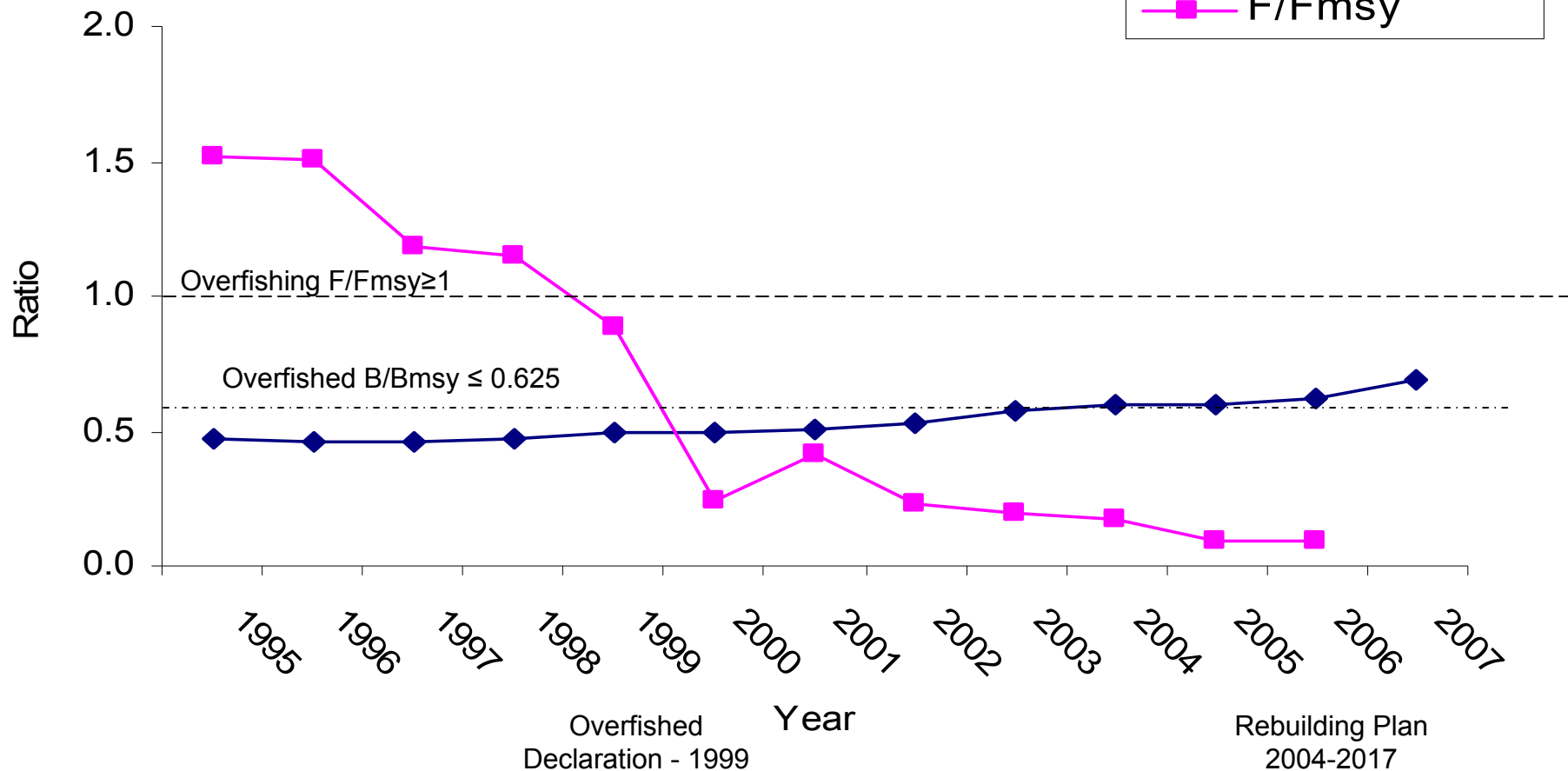


Figure A14. Northwest Region Pacific Ocean Perch – Pacific Coast has a controlled fishing mortality and biomass is rebuilding as expected. \*Declared overfished in 1999  $B/B_{msy}$  was assumed  $< 0.5$ . NOTE: Overfishing determination is made on the basis of catch data, but  $F$  estimates were used to determine what the estimated fishing mortality was in each year.

# Pollock - Gulf of Maine / Georges Bank

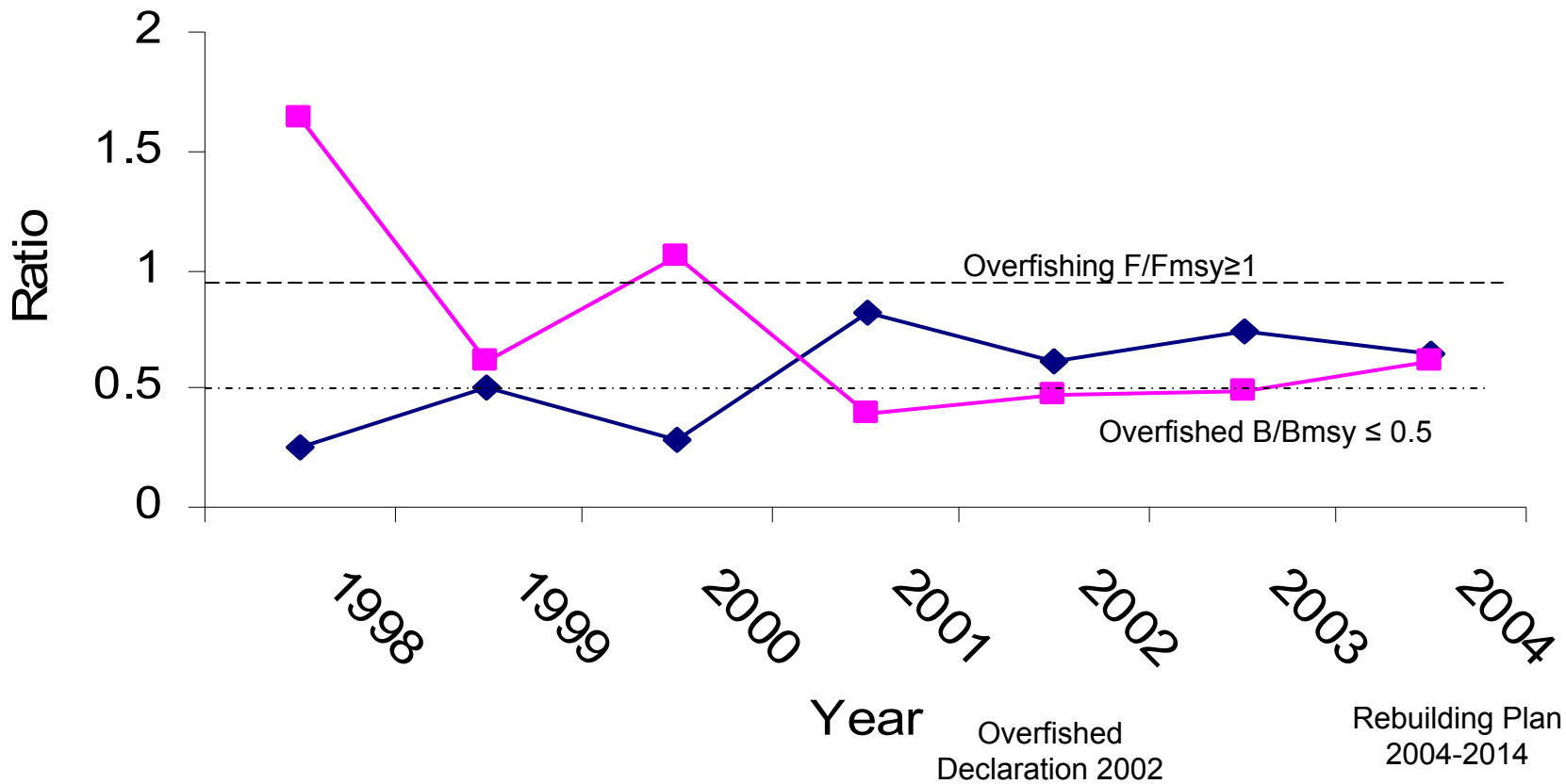
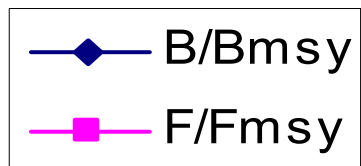


Figure A15. Northeast Region Pollock – Gulf of Maine / Georges Bank has a controlled fishing mortality and biomass is rebuilding. Bmsy proxy is in kg/tow.

# Red Porgy - Southern Atlantic Coast

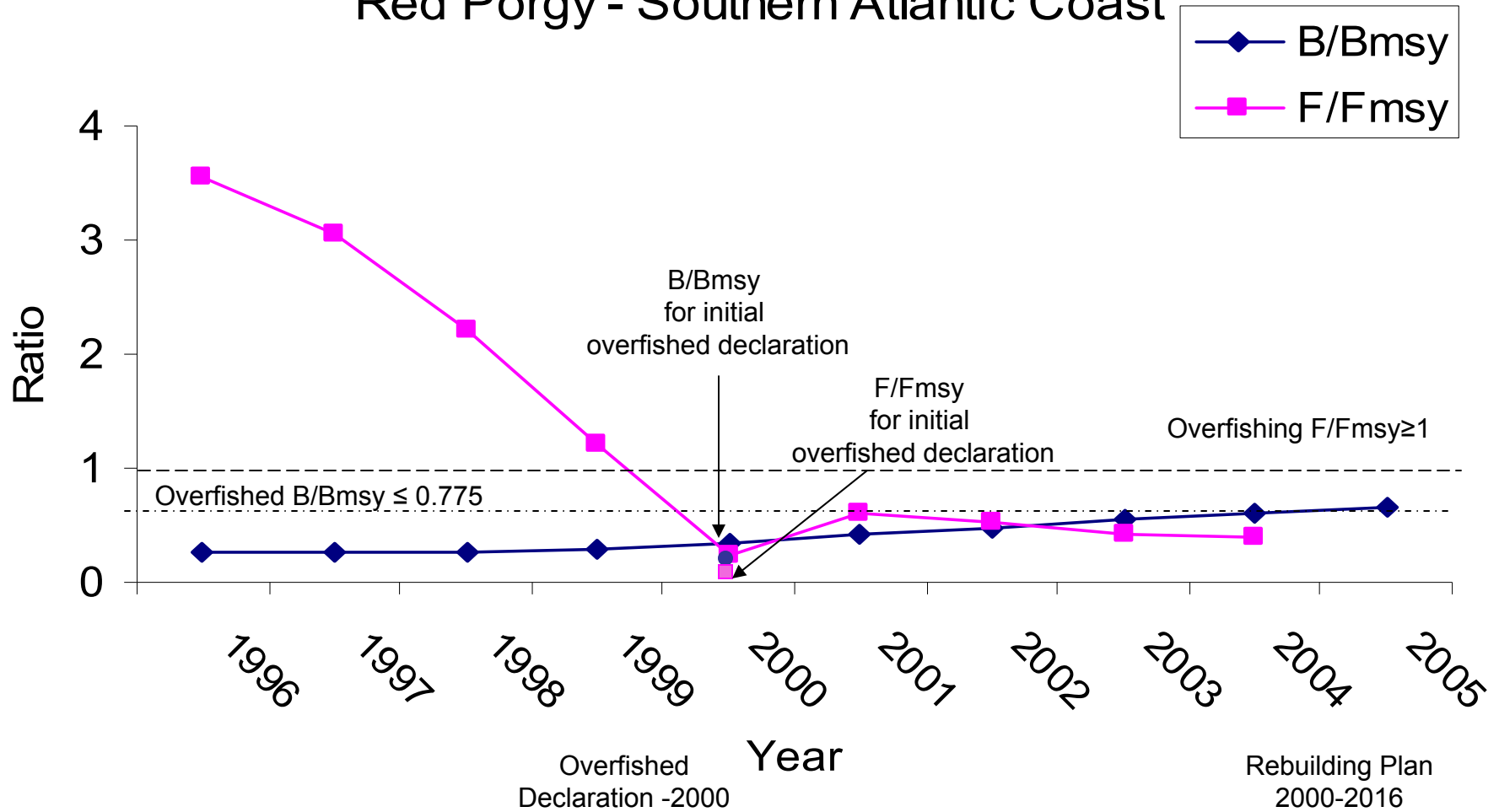


Figure A16. South Atlantic Region Red Porgy – Southern Atlantic Coast has a controlled fishing mortality and biomass is rebuilding as expected. Due to the periodic recalculation of F and B by stock assessment scientists, the initial estimates of F and B used in the overfished declaration are included to illustrate the uncertainty of stock assessment estimates.



# Acadian Redfish - Gulf of Maine / Georges Bank

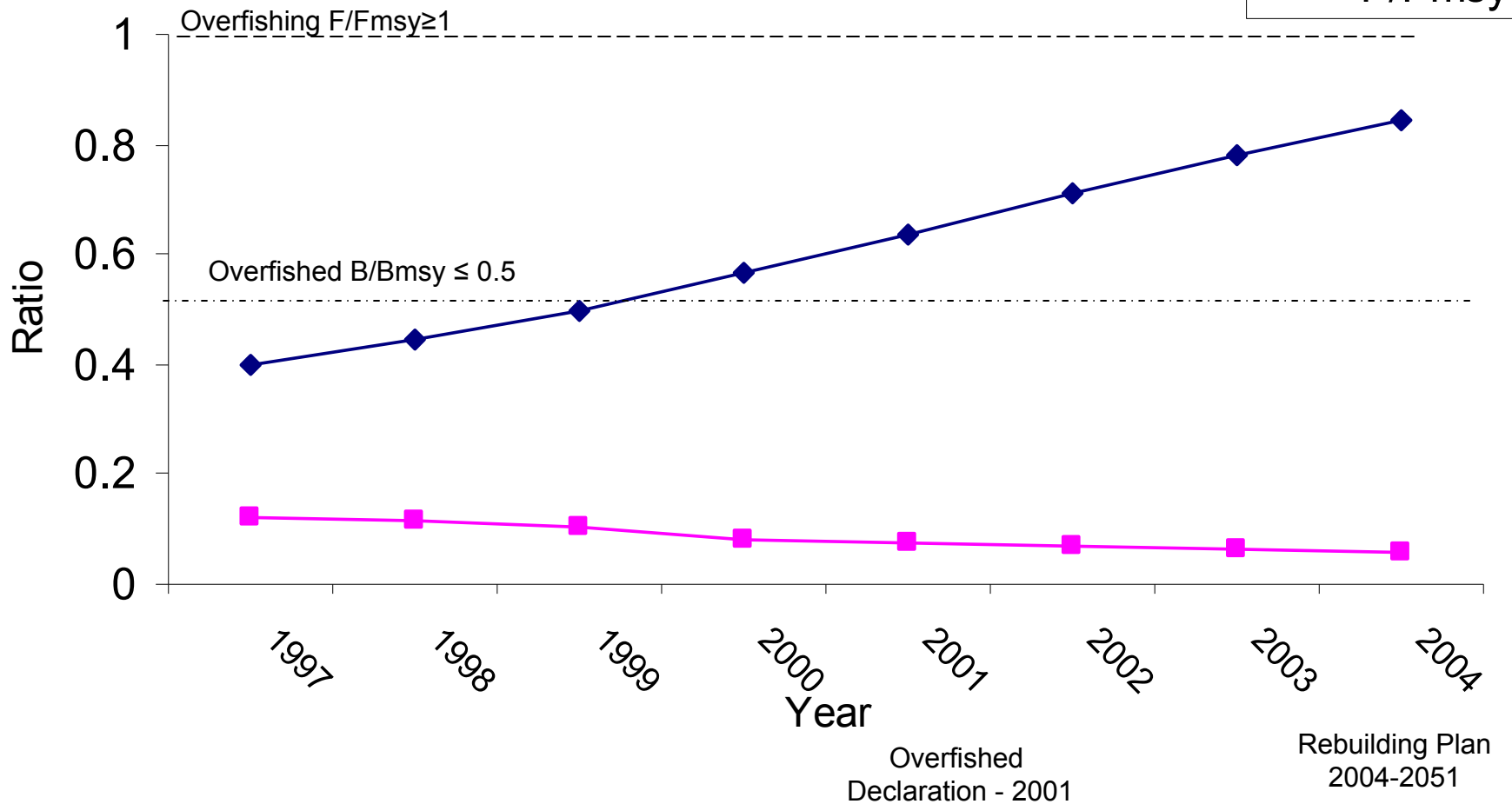


Figure A17. Northeast Region Acadian Redfish – Gulf of Maine / Georges Bank has a controlled fishing mortality and biomass is rebuilding.

# Spiny Dogfish - Atlantic Coast

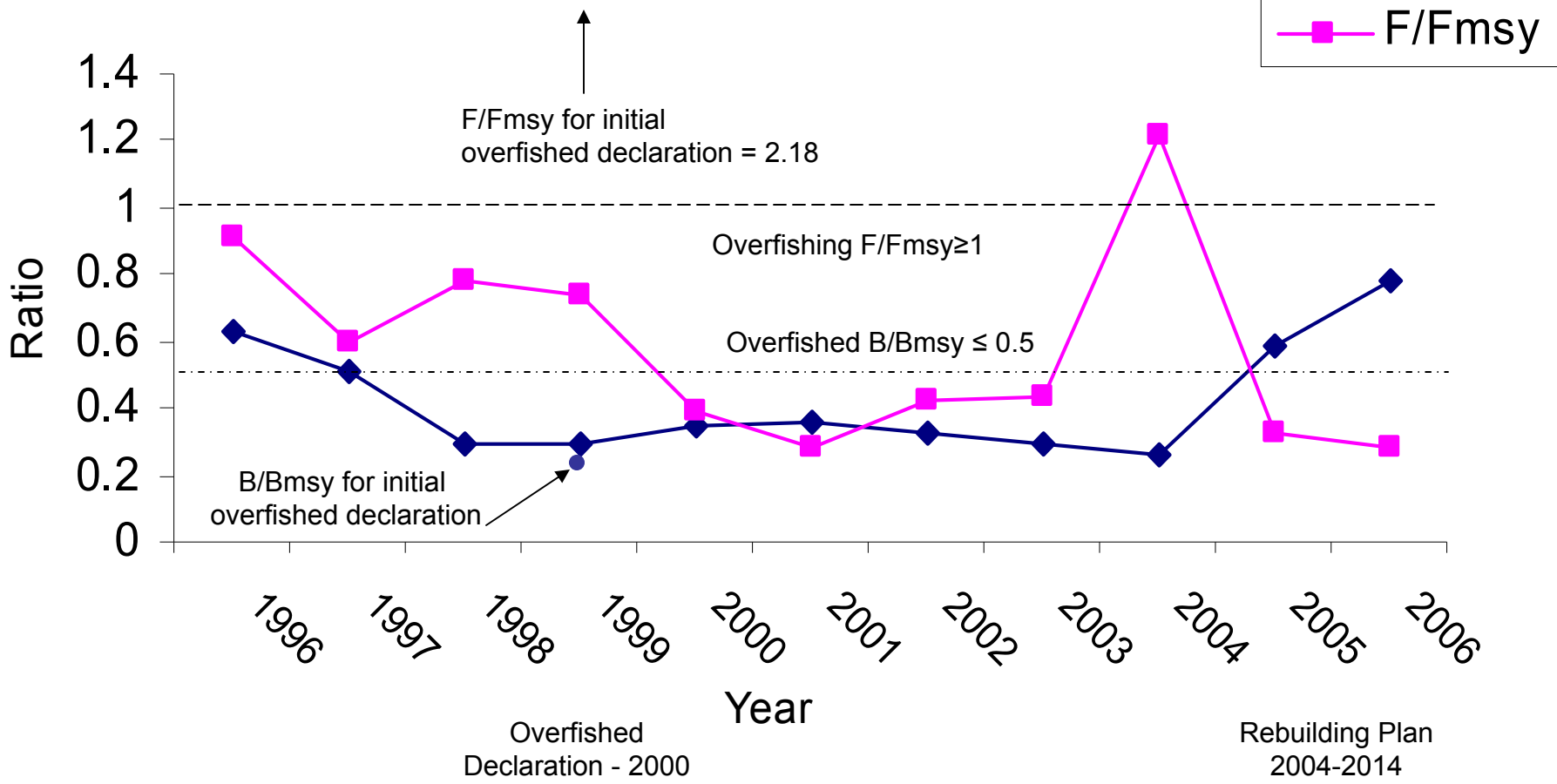


Figure A18. Northeast Region Spiny Dogfish – Atlantic Coast has a controlled fishing mortality and biomass is rebuilding.  $B_{msy}$  proxy is in female biomass. Due to the periodic recalculation of F and B by stock assessment scientists, the initial estimates of F and B used in the overfished declaration are included to illustrate the uncertainty of stock assessment estimates.

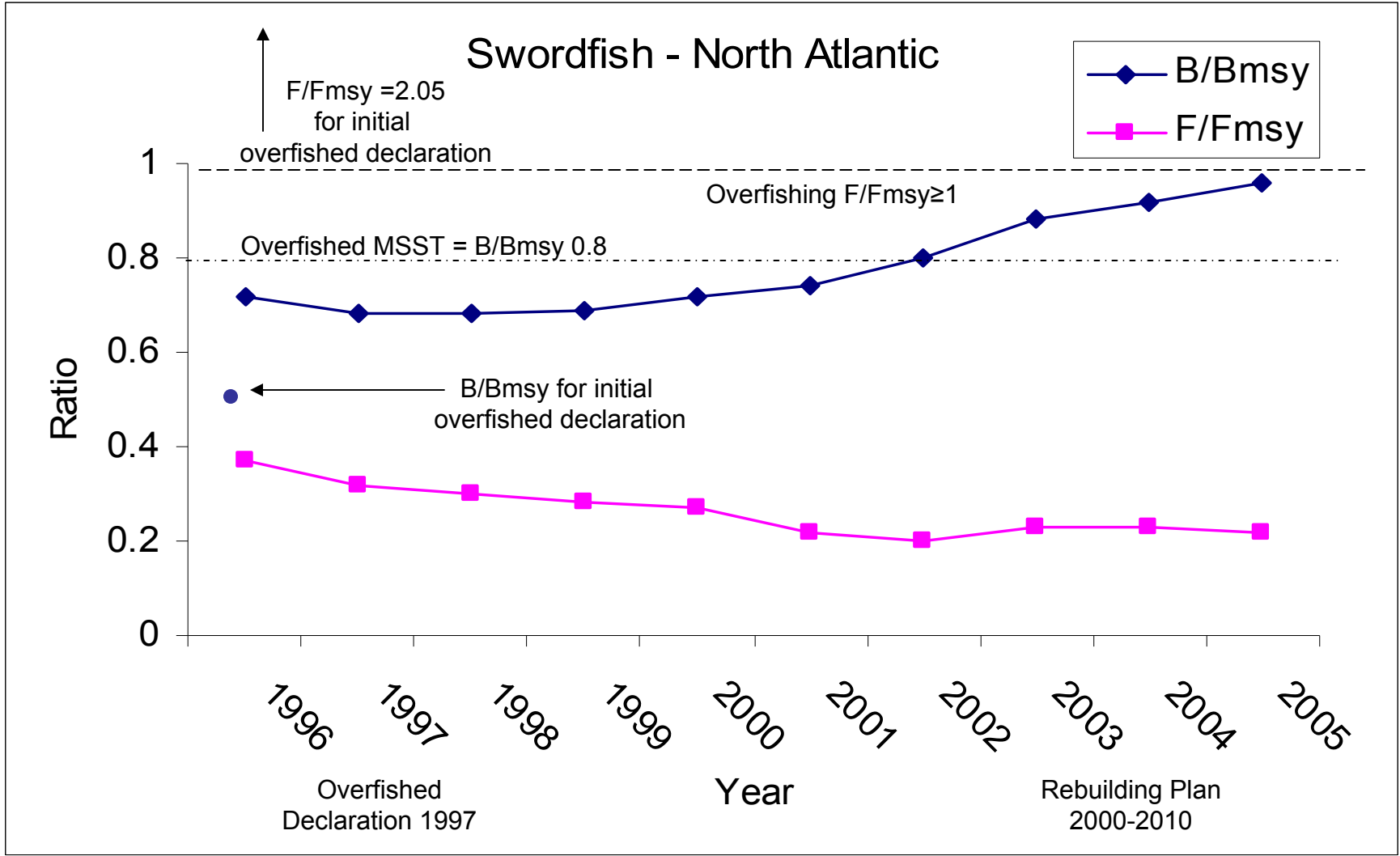


Figure A19. Highly Migratory Species Swordfish - North Atlantic has a controlled fishing mortality and biomass is rebuilding. FMP not internationally implemented. Due to the periodic recalculation of F and B by stock assessment scientists, the initial estimates of F and B used in the overfished declaration are included to illustrate the uncertainty of stock assessment estimates.

# Widow Rockfish - Pacific Coast

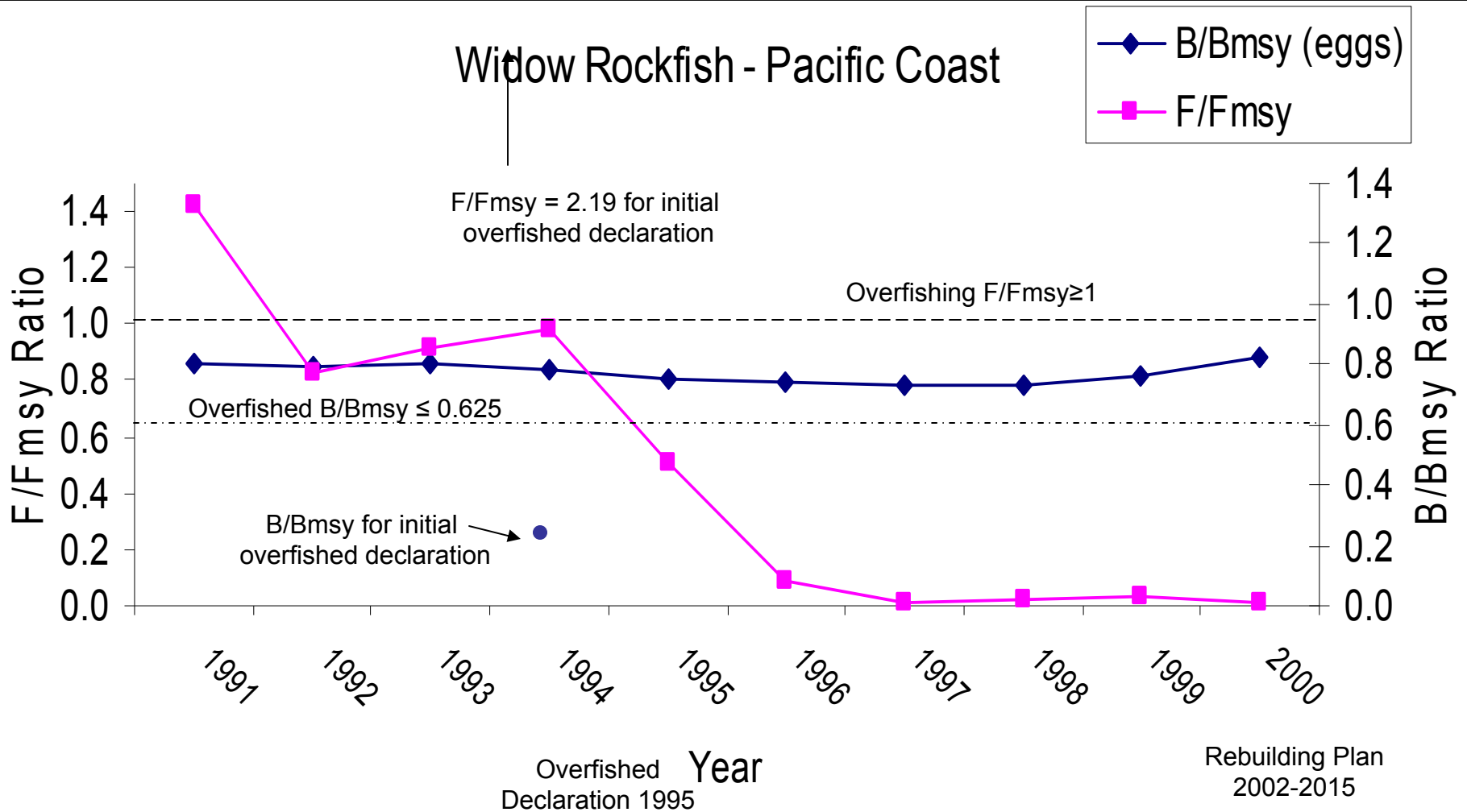


Figure A20. Northwest Region Widow Rockfish – Pacific Coast has a controlled fishing mortality and biomass is rebuilding as expected. NOTE: Overfishing determination is made on the basis of catch data, but F estimates were used to determine what the estimated fishing mortality was in each year. Due to the periodic recalculation of F and B by stock assessment scientists, the initial estimates of F and B used in the overfished declaration are included to illustrate the uncertainty of stock assessment estimates.

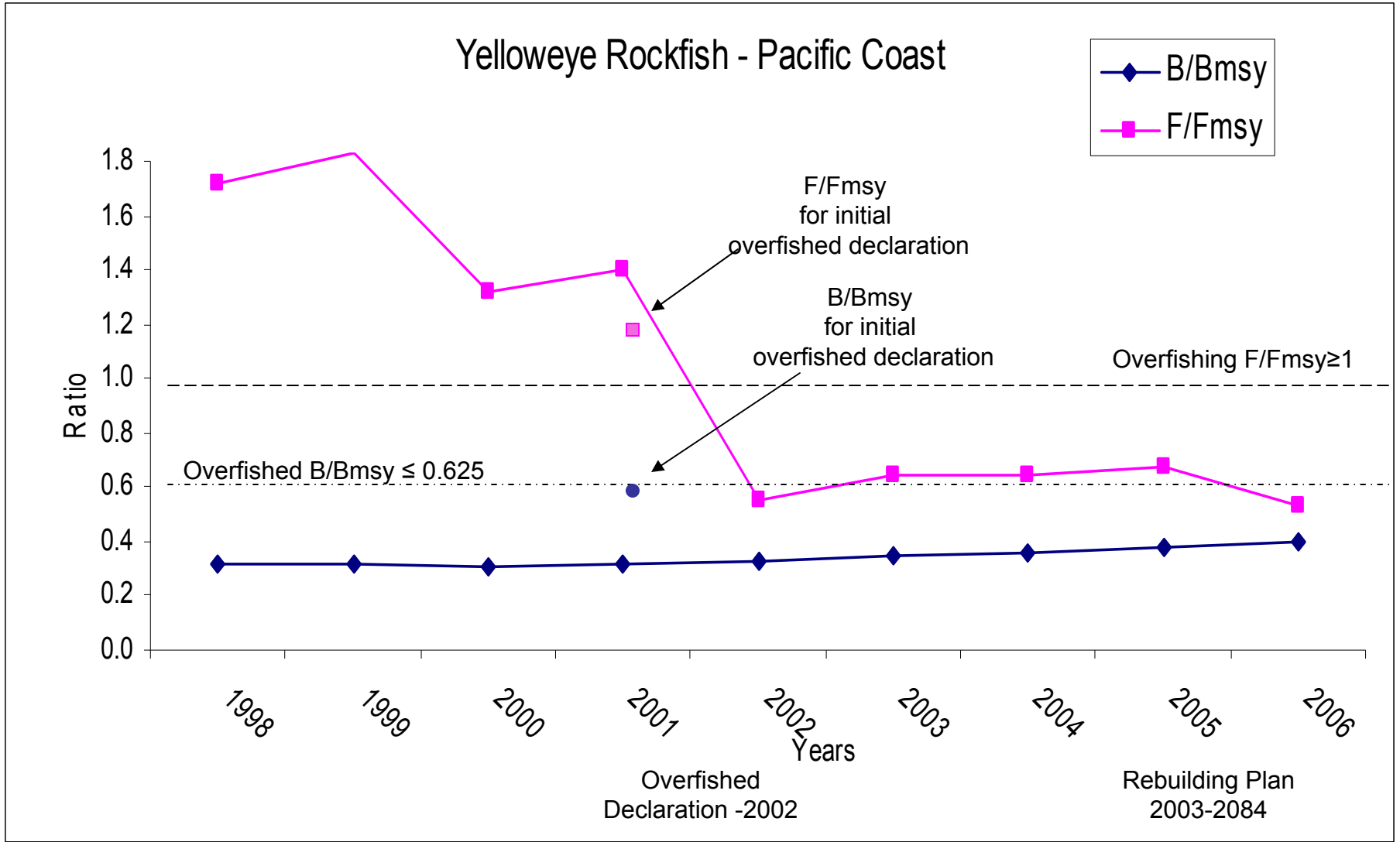


Figure A21. Northwest Region Yelloweye Rockfish – Pacific Coast has a controlled fishing mortality and biomass is rebuilding as expected. NOTE: Overfishing determination is made on the basis of catch data, but F estimates were used to determine what the estimated fishing mortality was in each year. Due to the periodic recalculation of F and B by stock assessment scientists, the initial estimates of F and B used in the overfished declaration are included to illustrate the uncertainty of stock assessment estimates.

## Snow Crab - Bering Sea

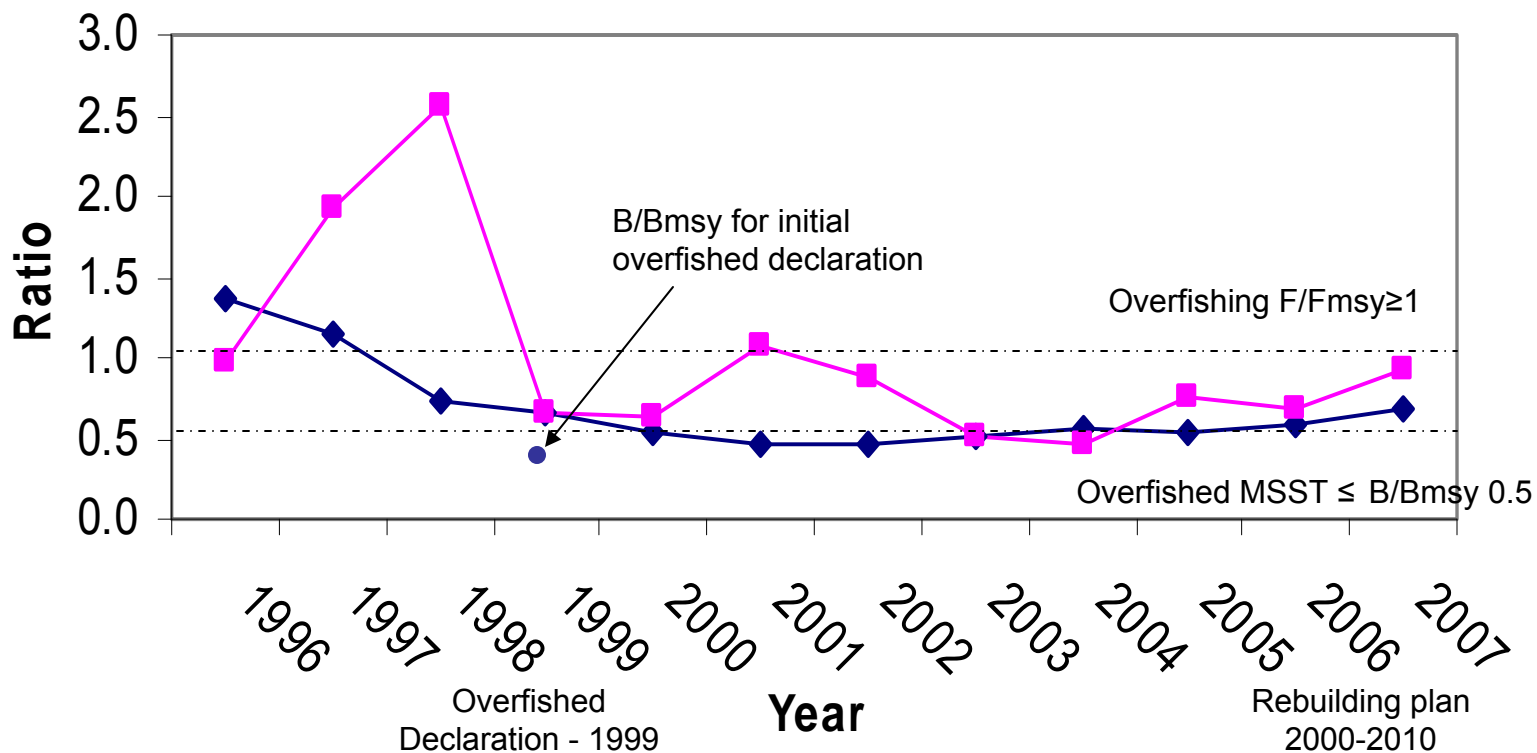


Figure A22. Alaska Region Snow Crab – Bering Sea has a controlled fishing mortality and biomass is rebuilding as expected. NOTE: Overfishing determination is made on the basis of catch data, but F estimates were used to determine what the estimated fishing mortality was in each year. In this case, the more recent F35% was used to calculate F/Fmsy. Due to the periodic recalculation of F and B by stock assessment scientists, the initial estimates of F and B used in the overfished declaration are included to illustrate the uncertainty of stock assessment estimates.

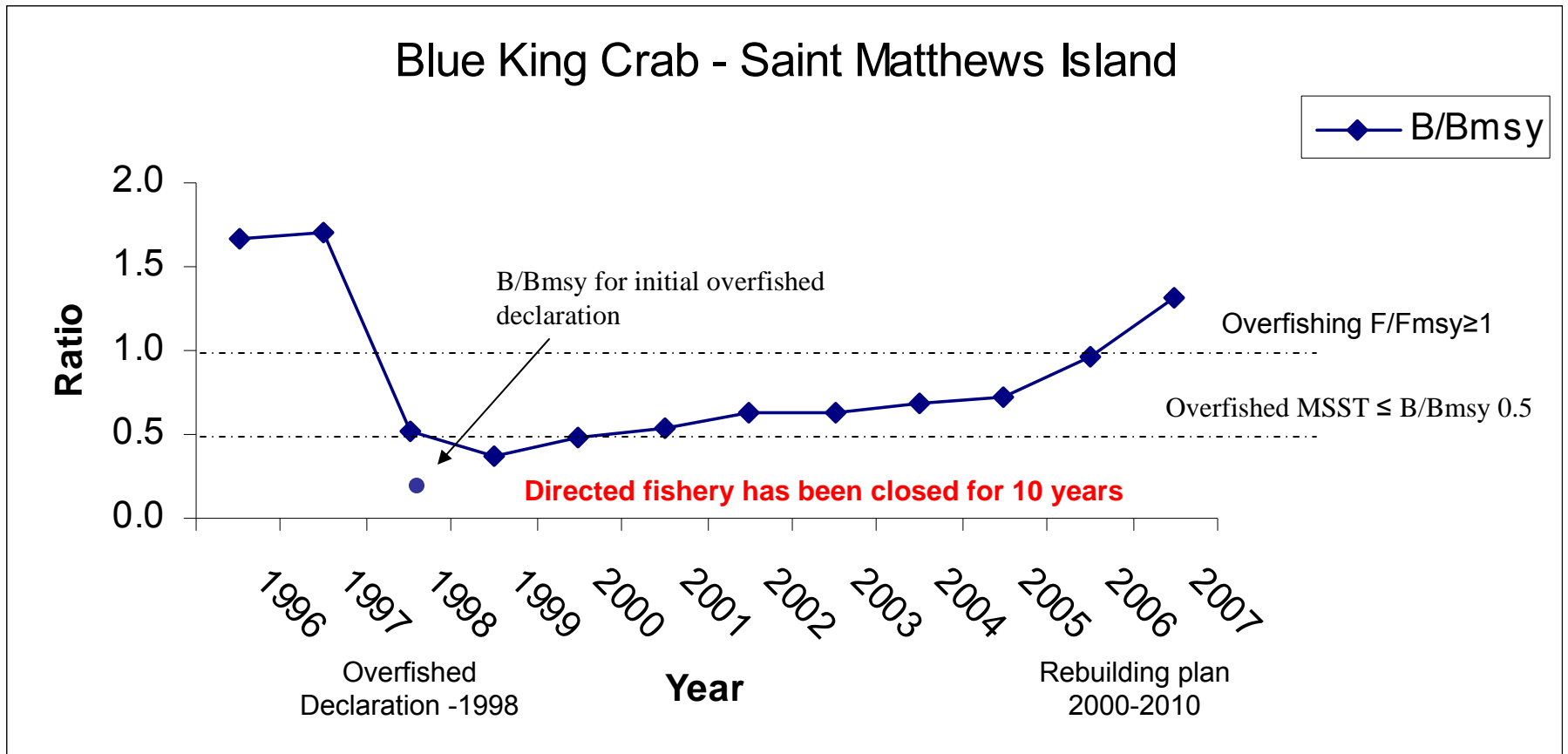


Figure A23. Alaska Region Blue King Crab – Saint Matthews Island has a controlled fishing mortality and biomass is rebuilding as expected. NOTE: Stock size must increase to  $B_{msy}$  for two consecutive years to be declared rebuilt. Due to the periodic recalculation of  $F$  and  $B$  by stock assessment scientists, the initial estimates of  $F$  and  $B$  used in the overfished declaration are included to illustrate the uncertainty of stock assessment estimates. NOTE: Overfishing determination is made on the basis of catch data, but  $F$  estimates were used to determine what the estimated fishing mortality was in each year.