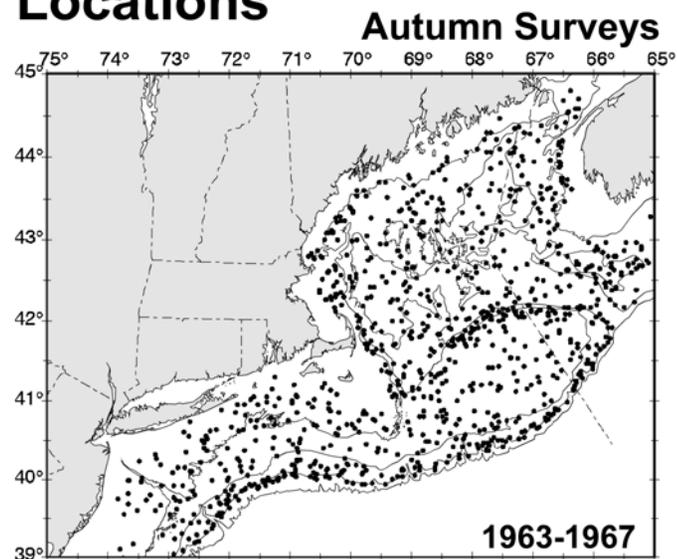
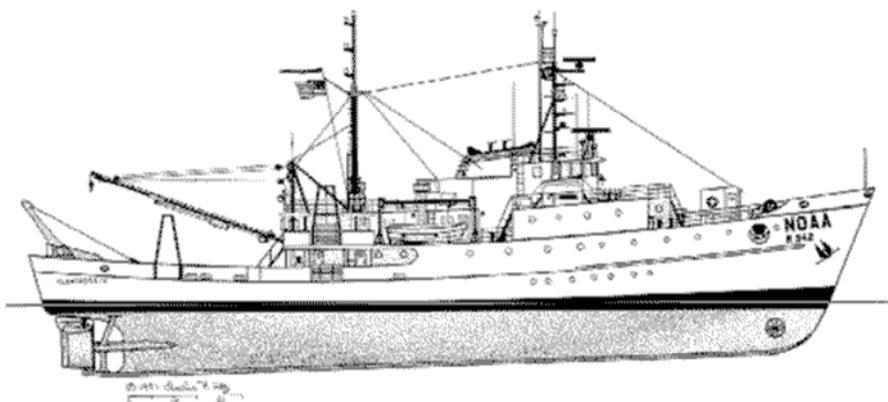


## **APPENDIX C.**

**Distribution maps from NEFSC spring and autumn bottom trawl surveys.**

# NEFSC Survey Station Locations



54

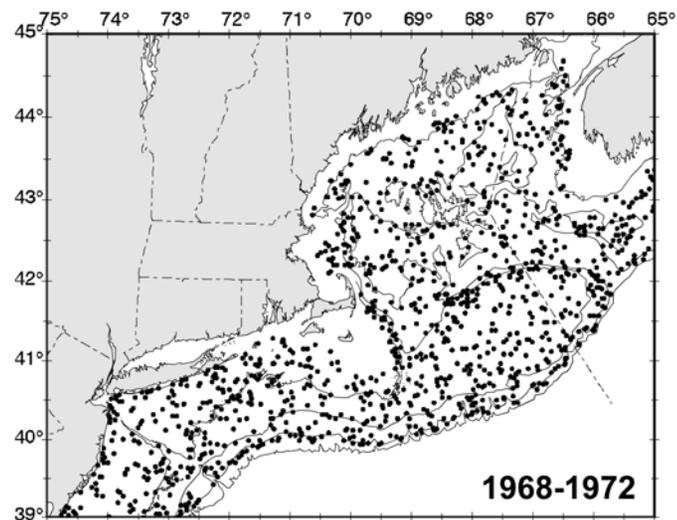
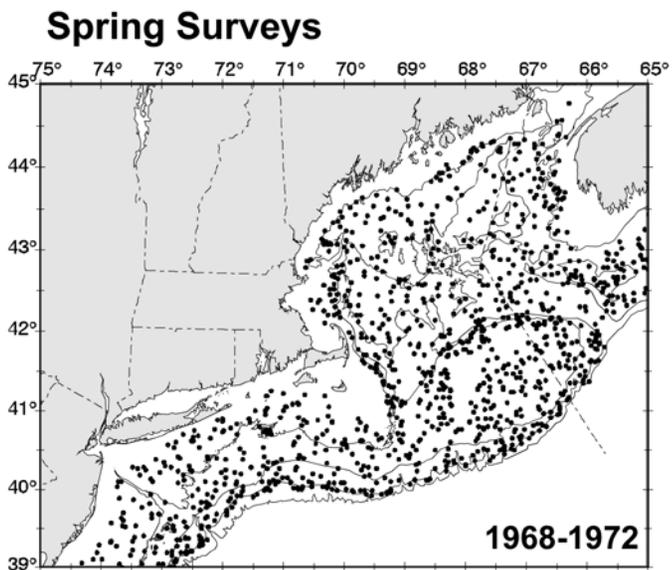


Figure C1a. Distribution of survey station locations in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

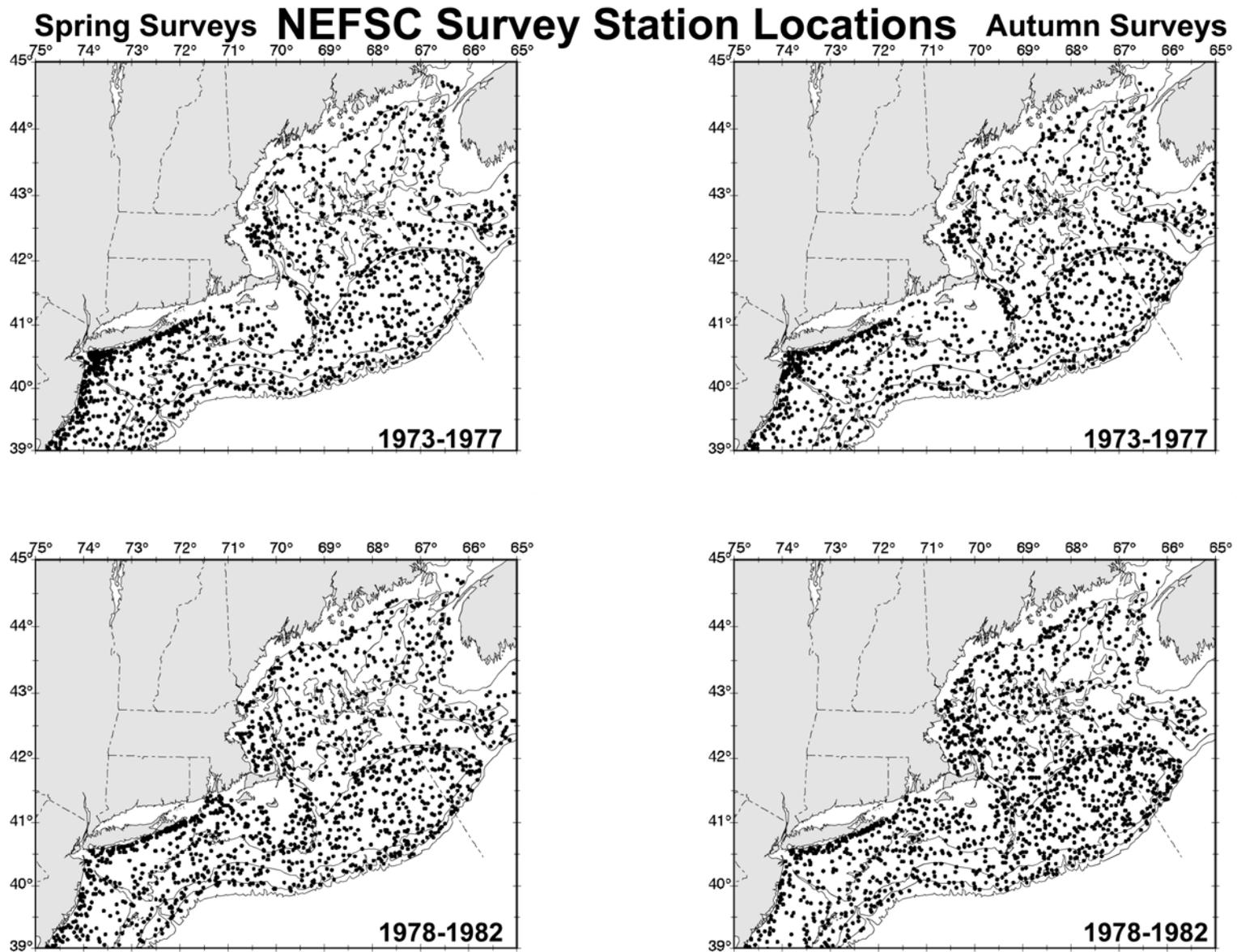


Figure C1b. Distribution of survey station locations in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

**Spring Surveys**      **NEFSC Survey Station Locations**      **Autumn Surveys**

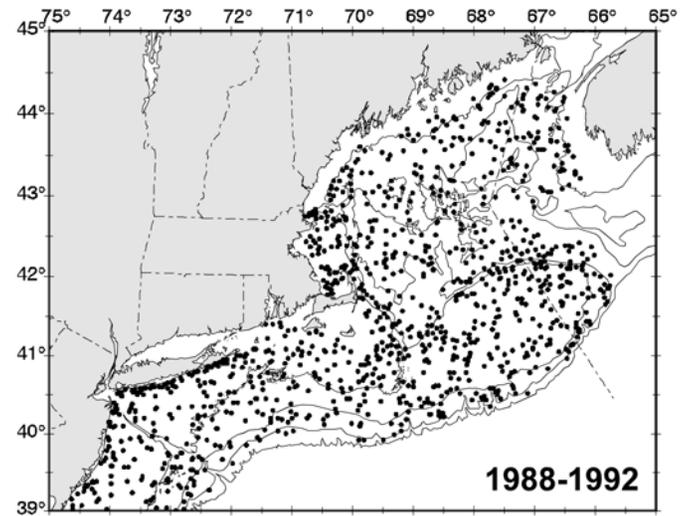
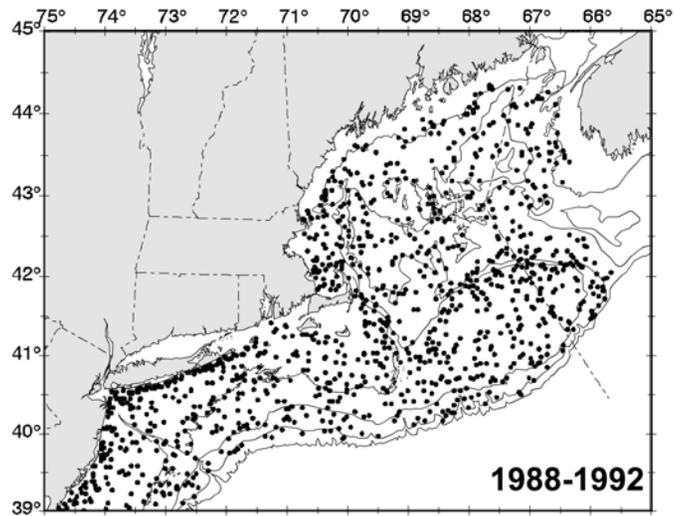
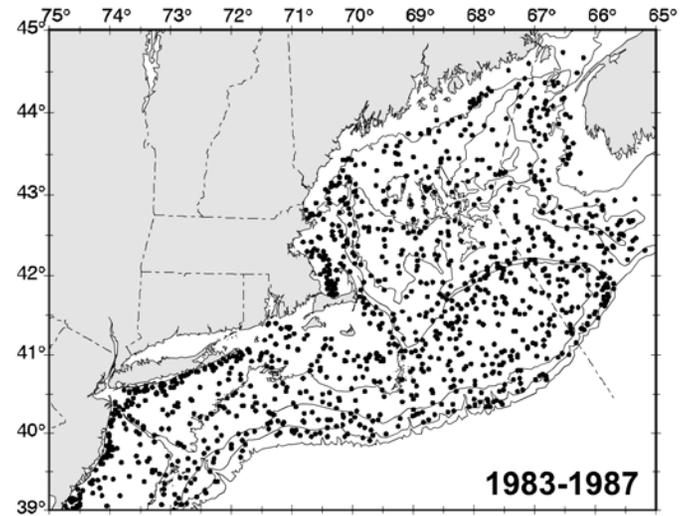
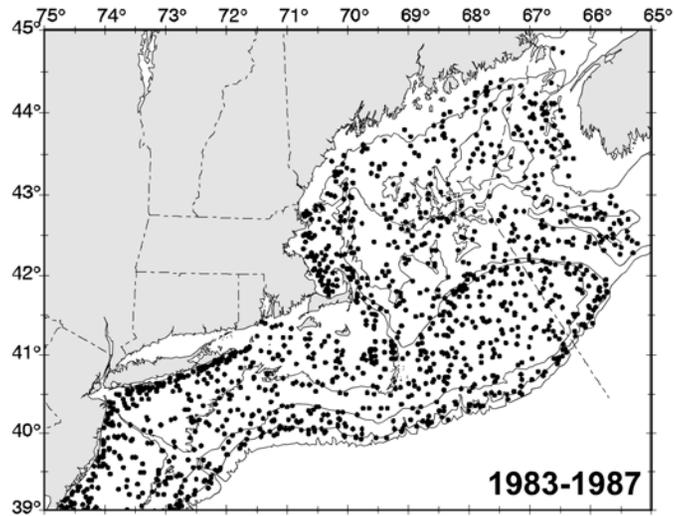


Figure C1c. Distribution of survey station locations in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

**Spring Surveys** **NEFSC Survey Station Locations** **Autumn Surveys**

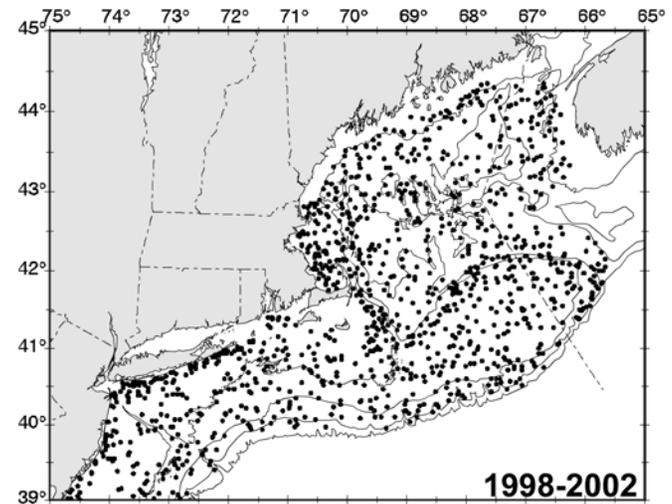
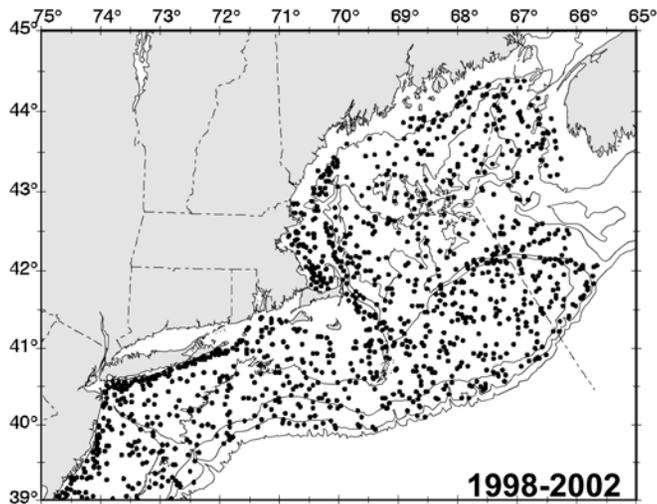
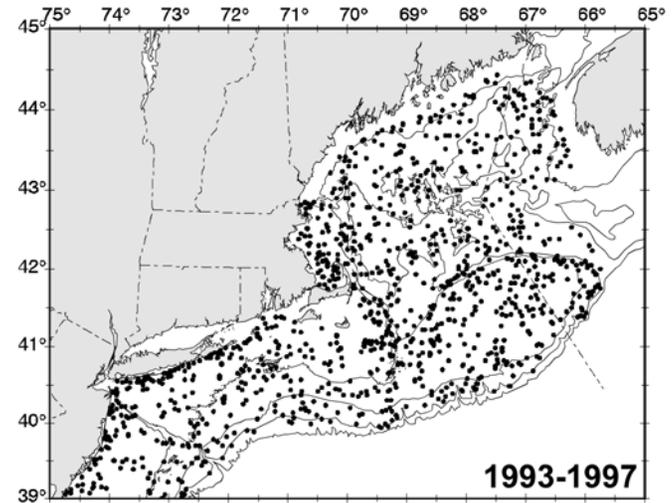
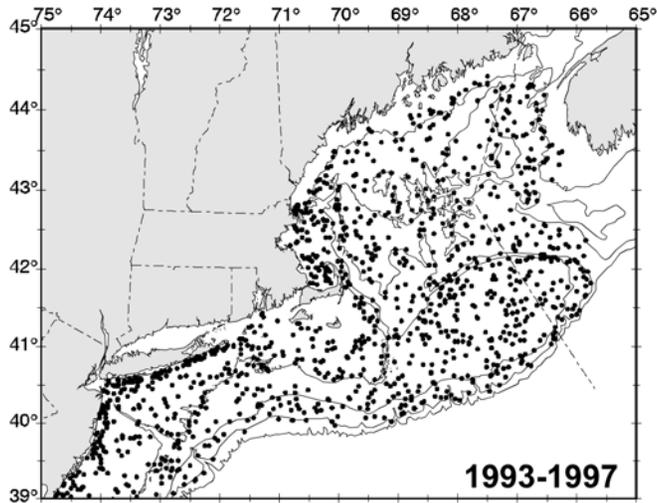
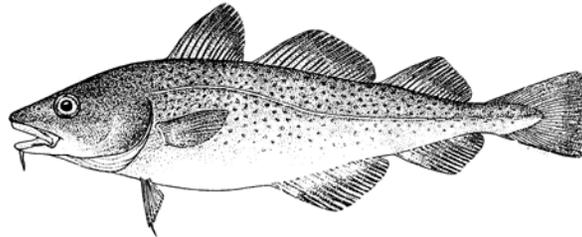
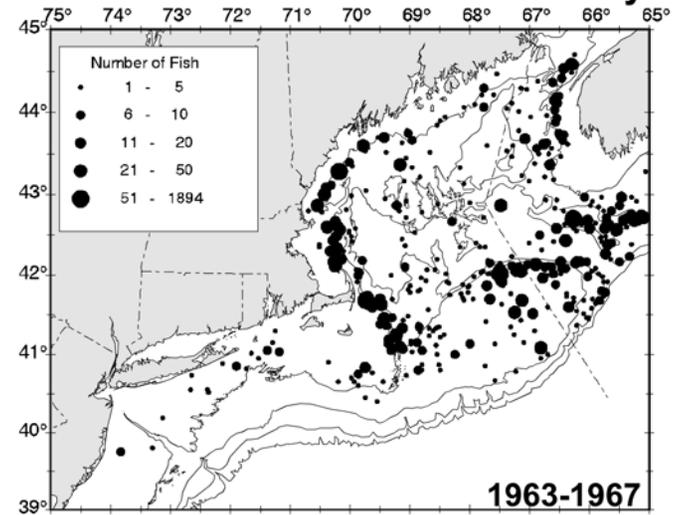


Figure C1d. Distribution of survey station locations in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Atlantic Cod



## Autumn Surveys



## Spring Surveys

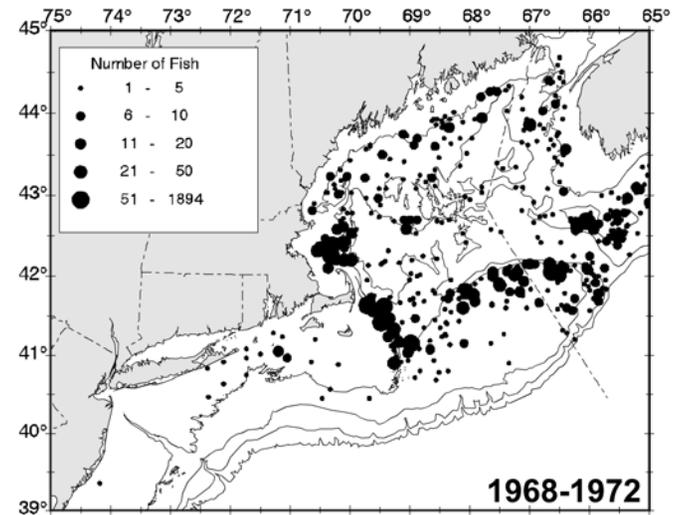
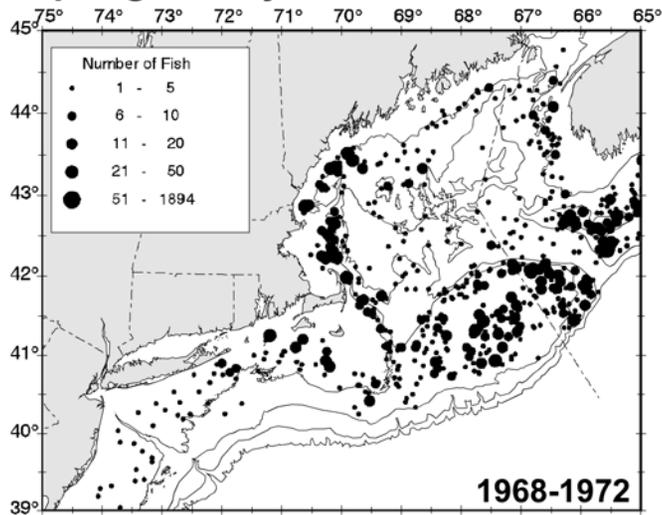


Figure C2a. Distribution of Atlantic cod in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

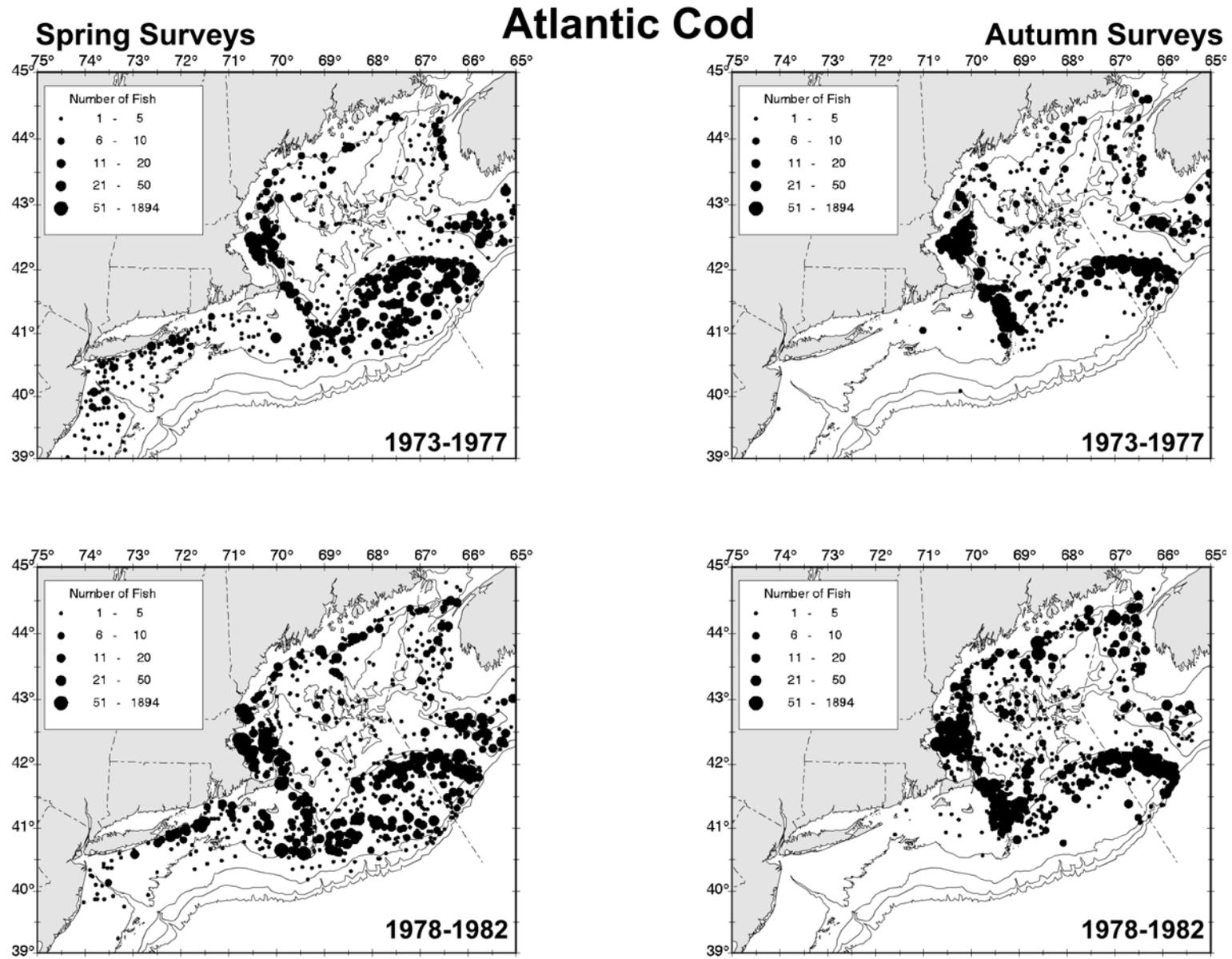
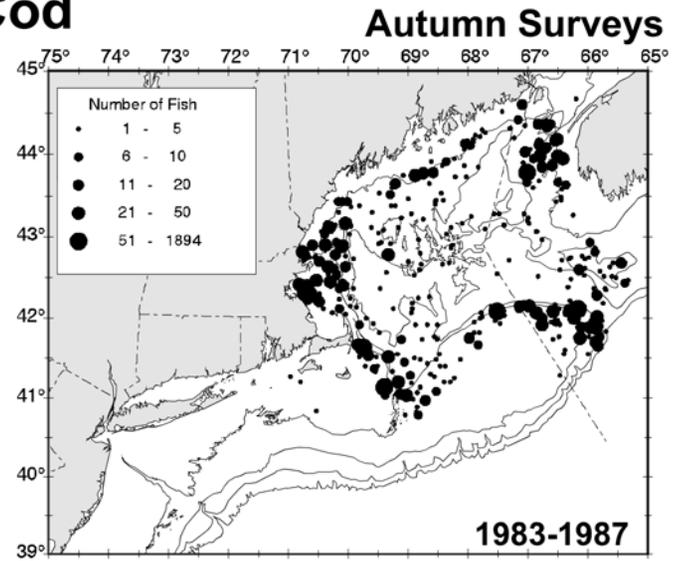
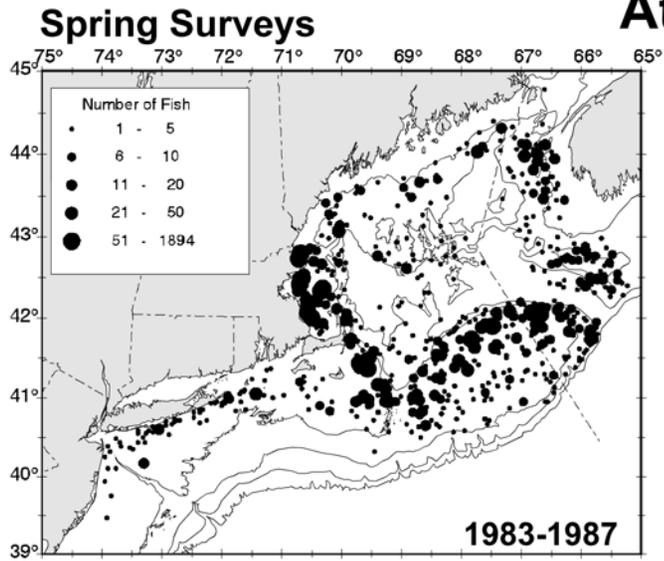


Figure C2b. Distribution of Atlantic cod in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

# Atlantic Cod



69

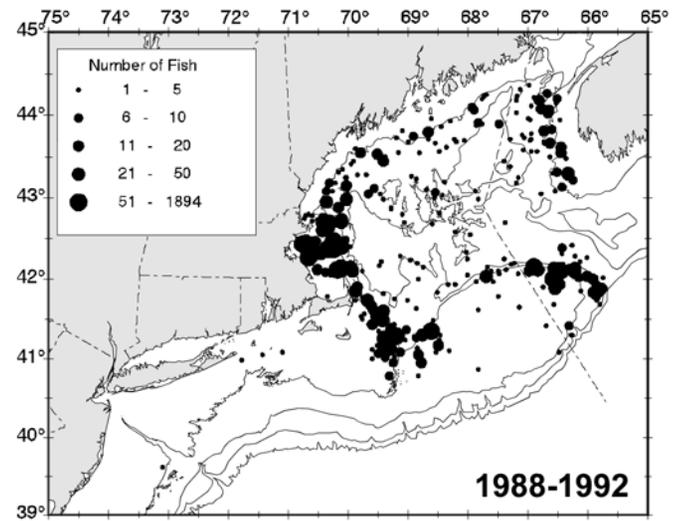
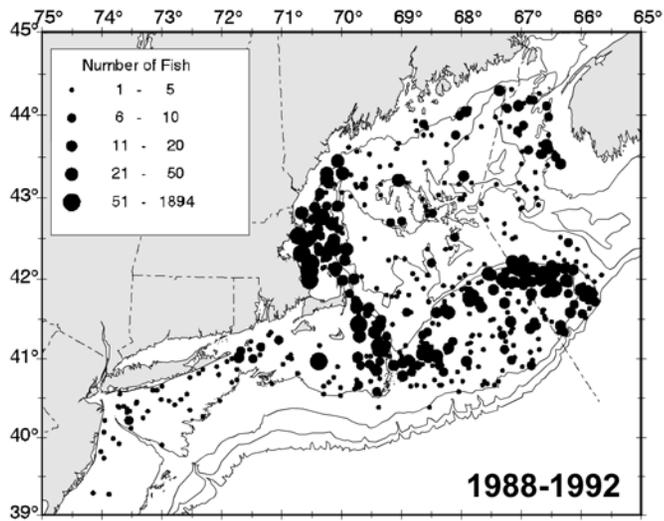


Figure C2c. Distribution of Atlantic cod in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

### Spring Surveys

## Atlantic Cod

### Autumn Surveys

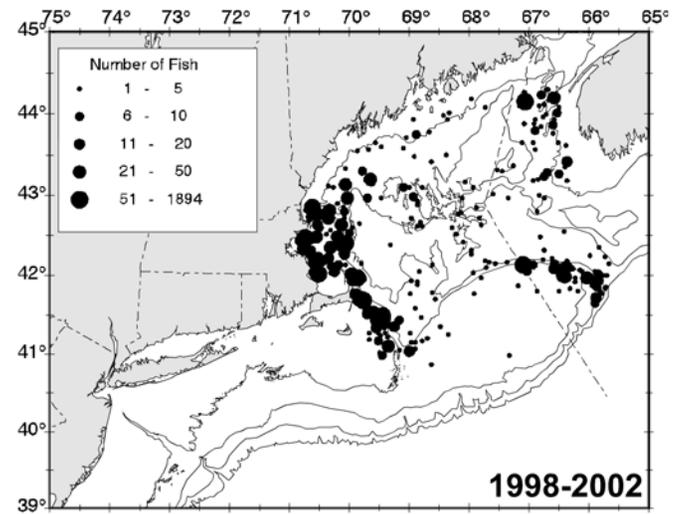
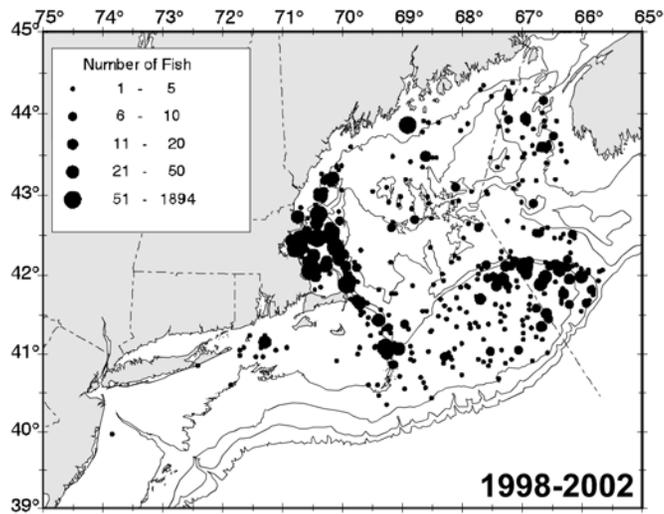
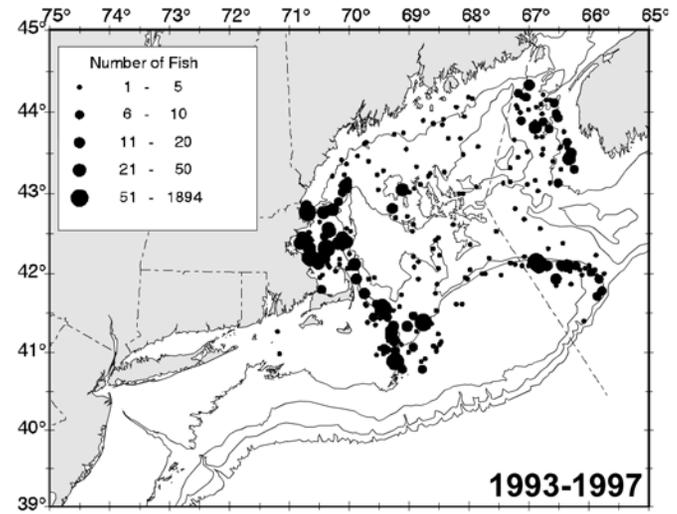
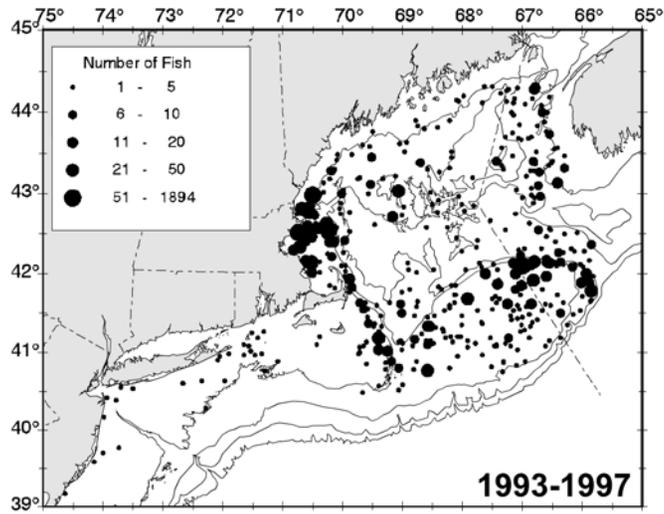
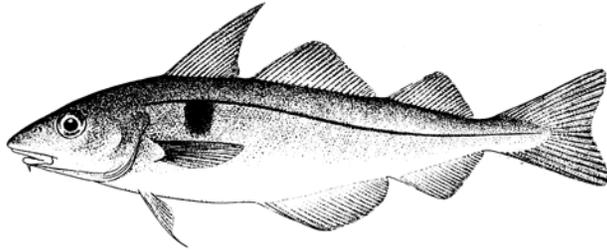
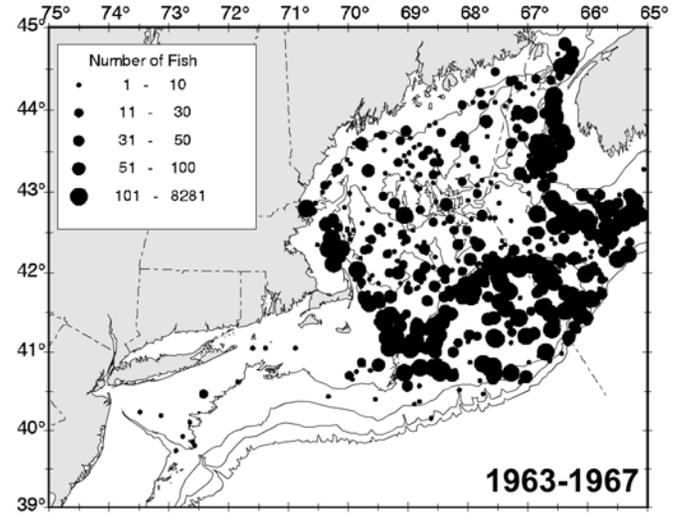


Figure C2d. Distribution of Atlantic cod in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Haddock



## Autumn Surveys



62

## Spring Surveys

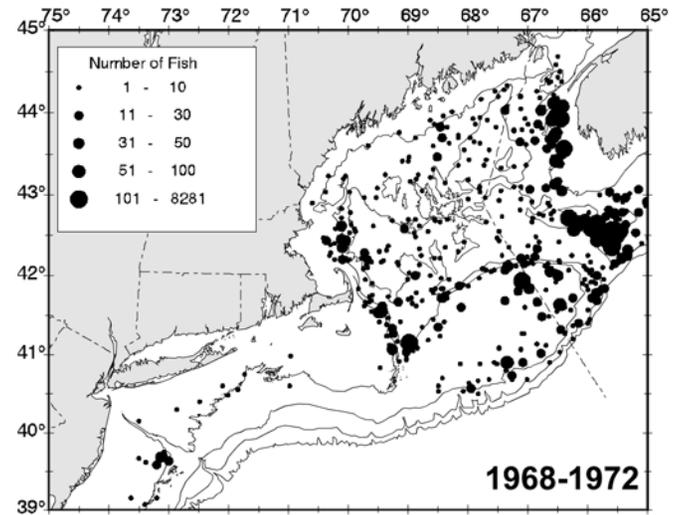
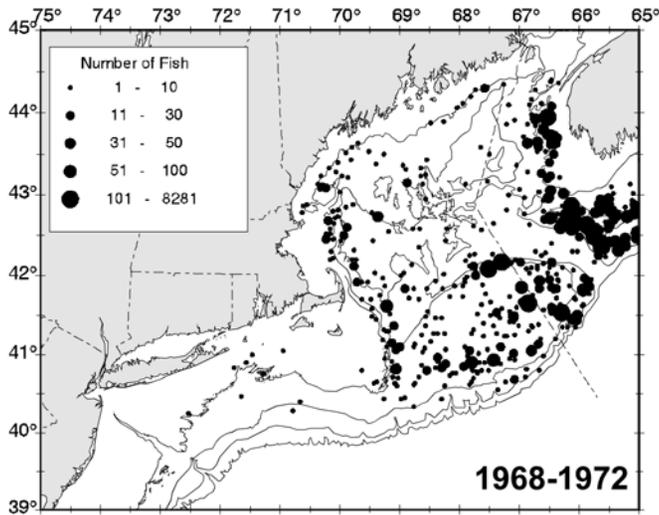


Figure C3a. Distribution of haddock in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

### Spring Surveys

## Haddock

### Autumn Surveys

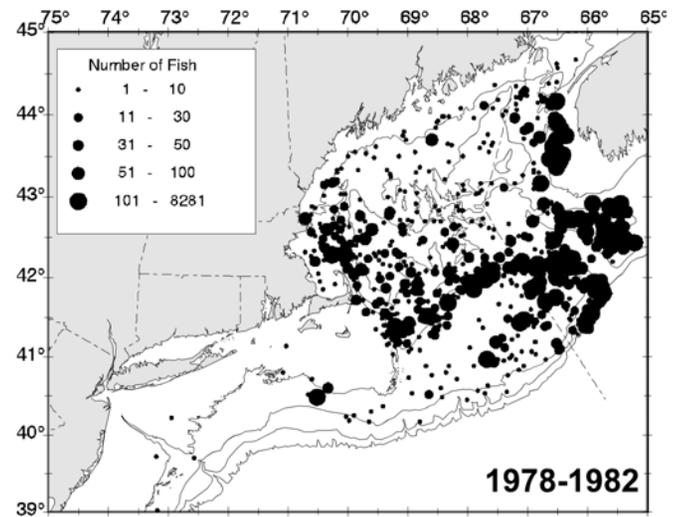
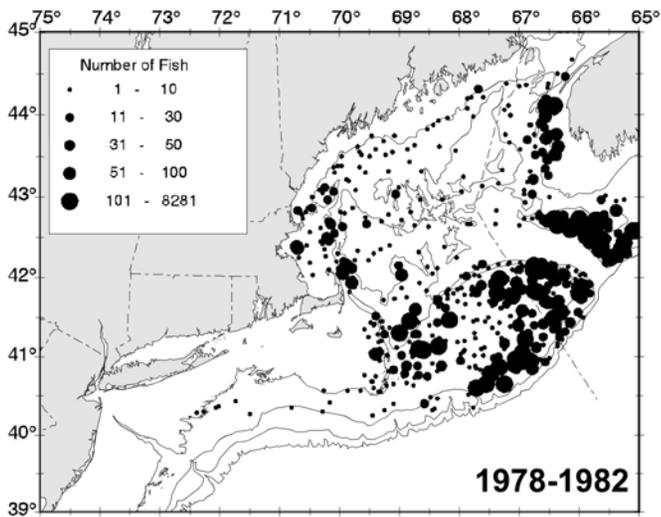
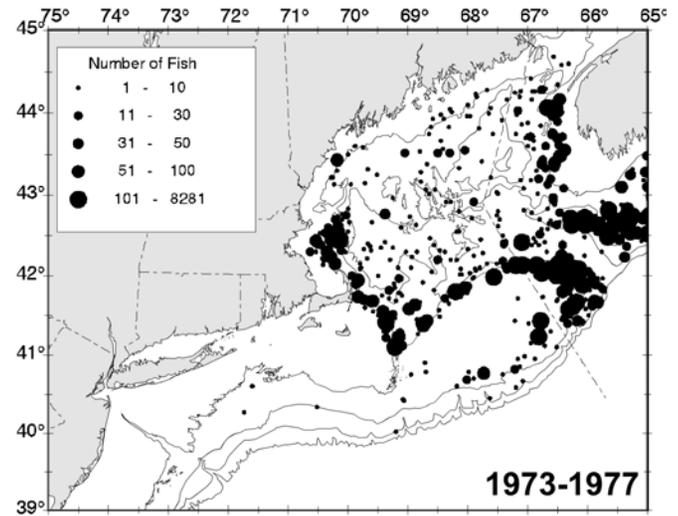
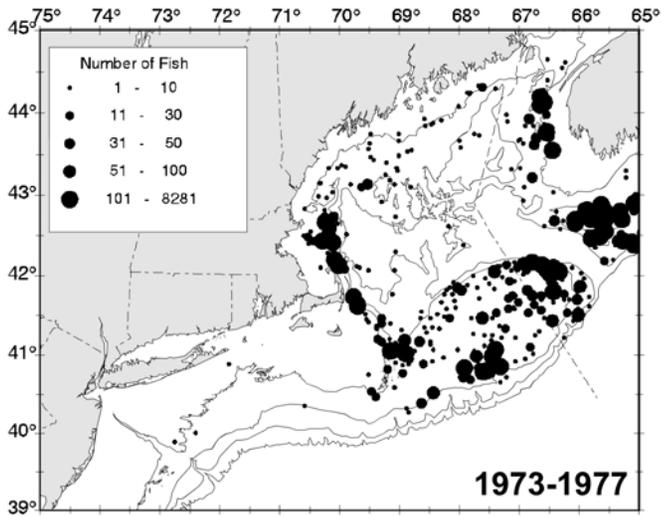


Figure C3b. Distribution of haddock in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

# Haddock

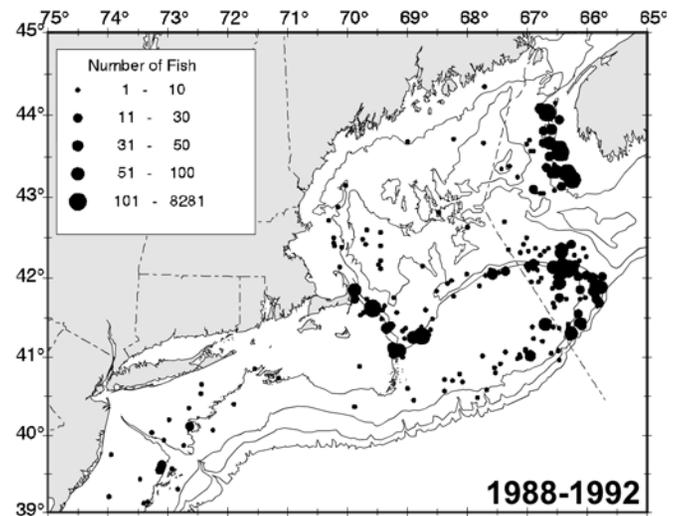
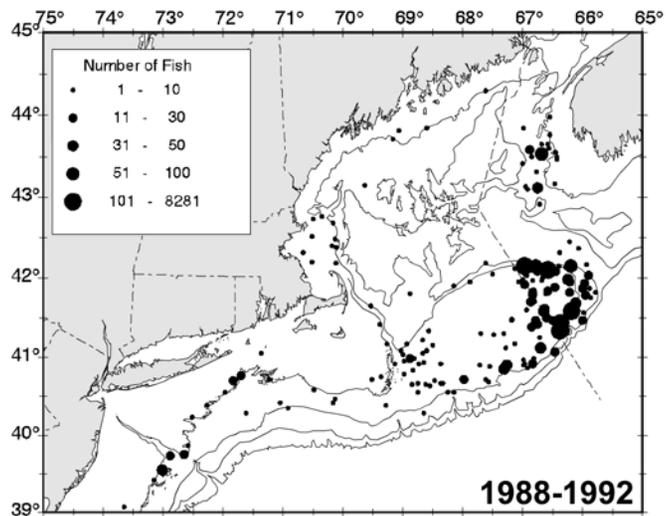
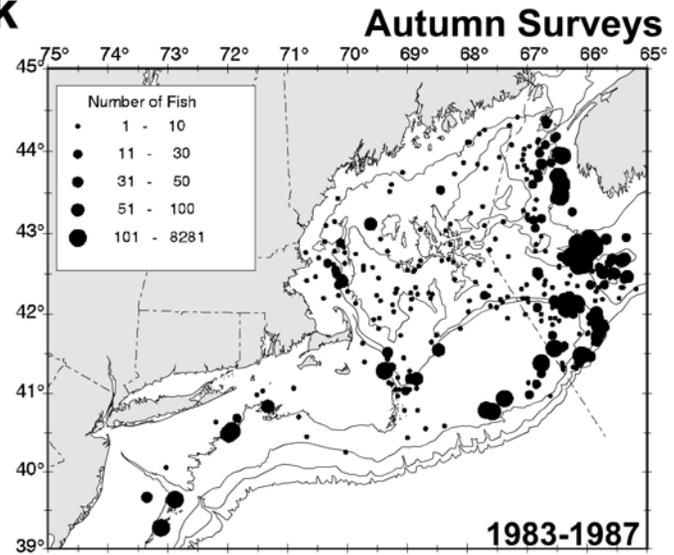
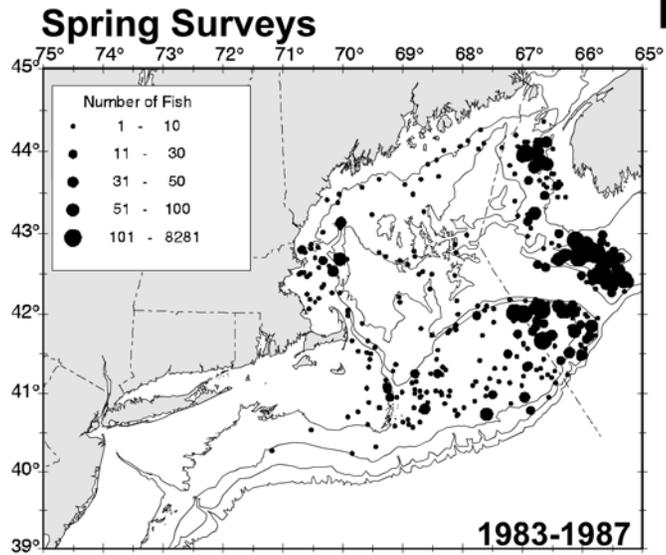
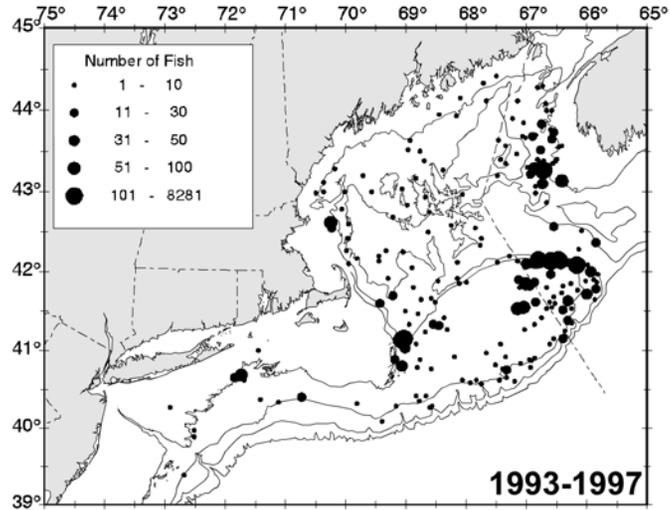


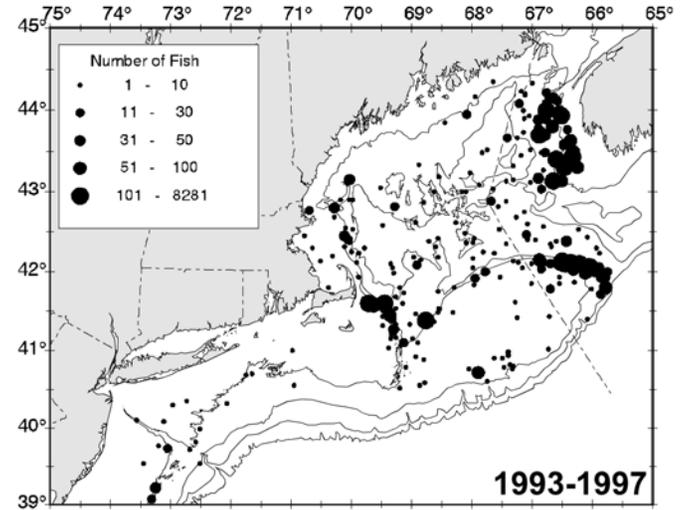
Figure C3c. Distribution of haddock in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

### Spring Surveys



## Haddock

### Autumn Surveys



65

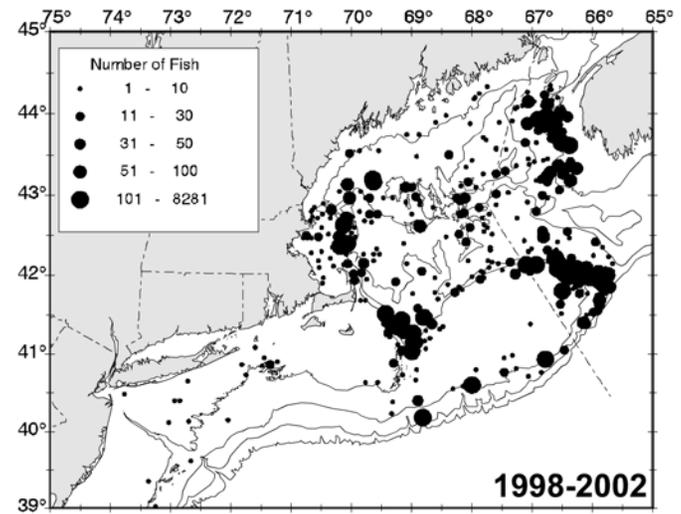
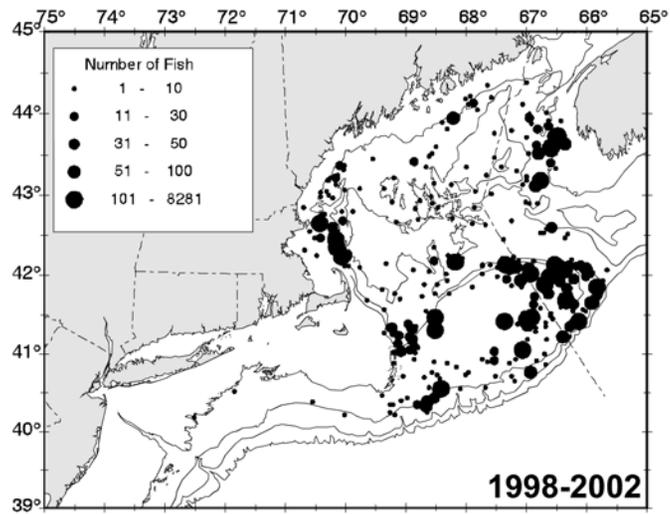
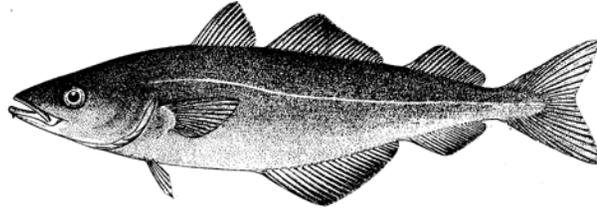
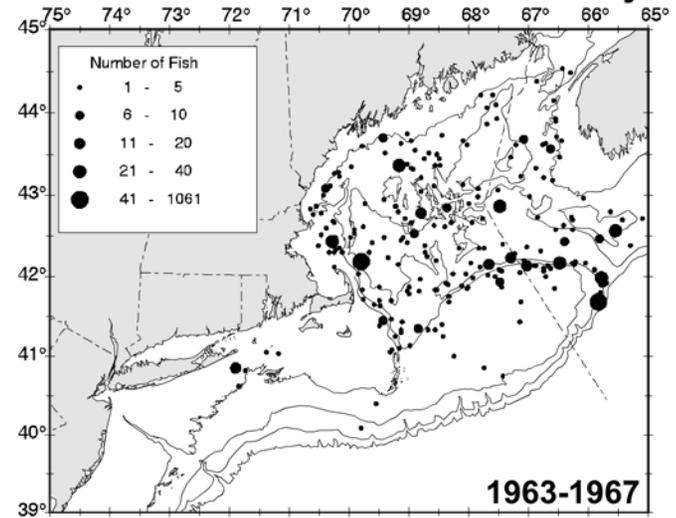


Figure C3d. Distribution of haddock in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Pollock



## Autumn Surveys



99

## Spring Surveys

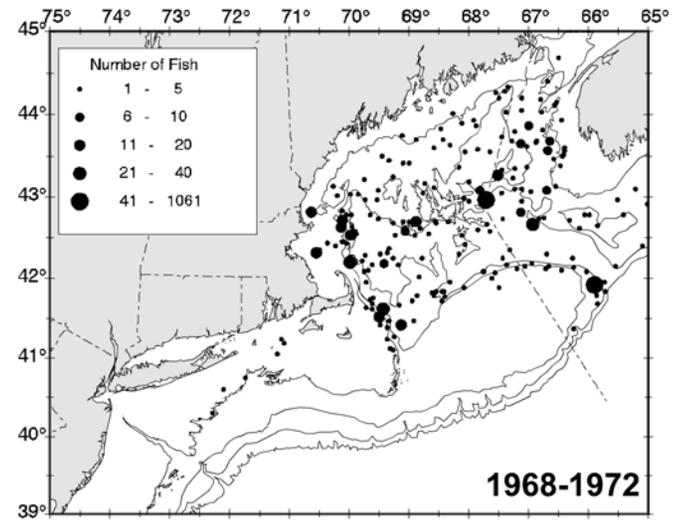
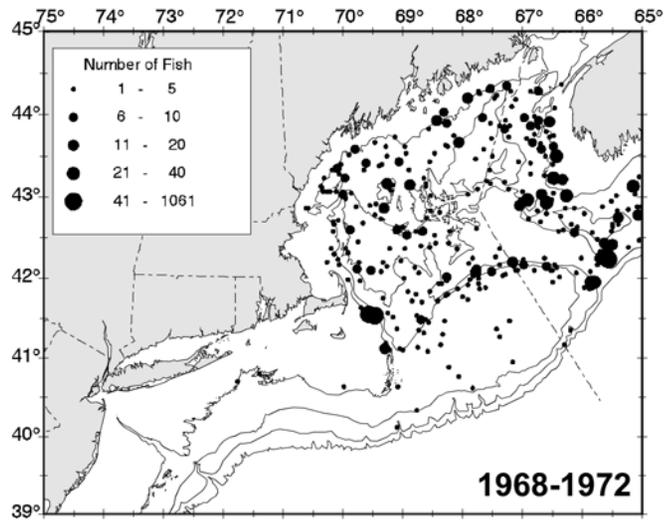


Figure C4a. Distribution of pollock in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

# Pollock

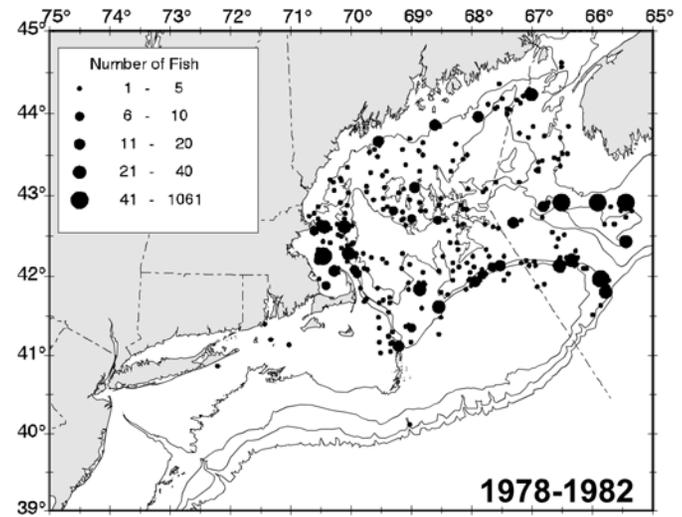
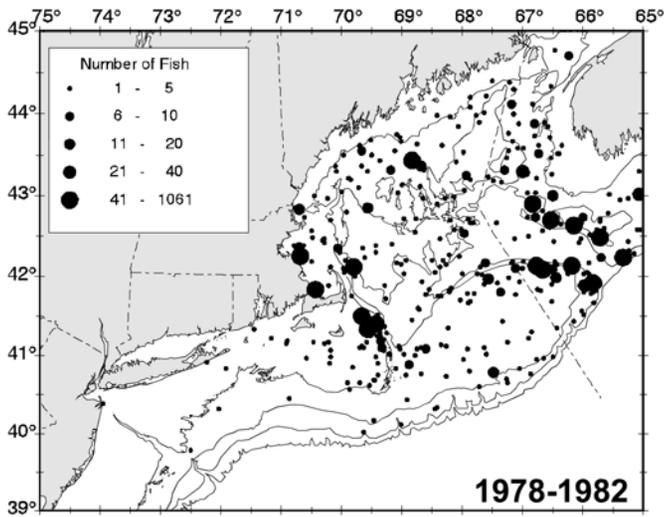
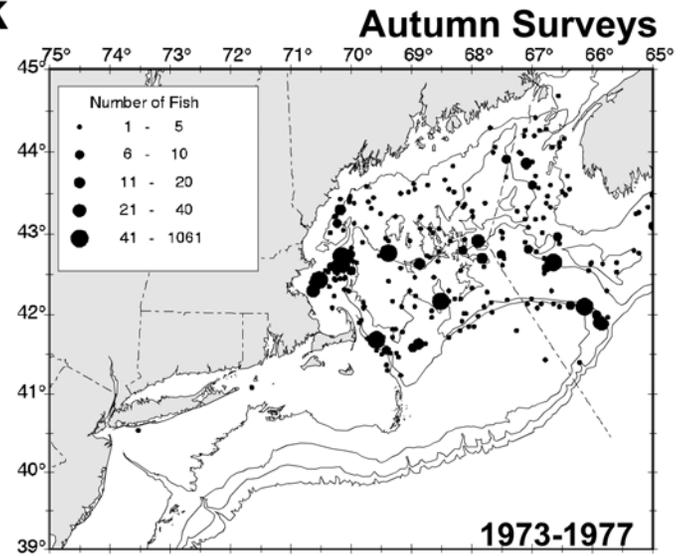
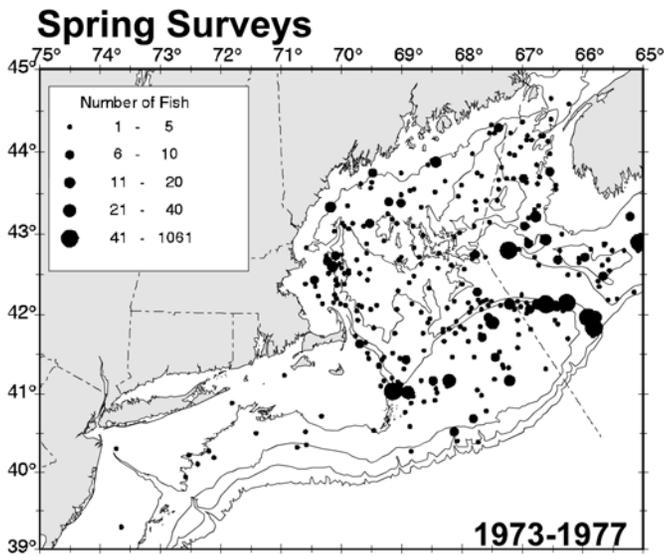


Figure C4b. Distribution of pollock in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

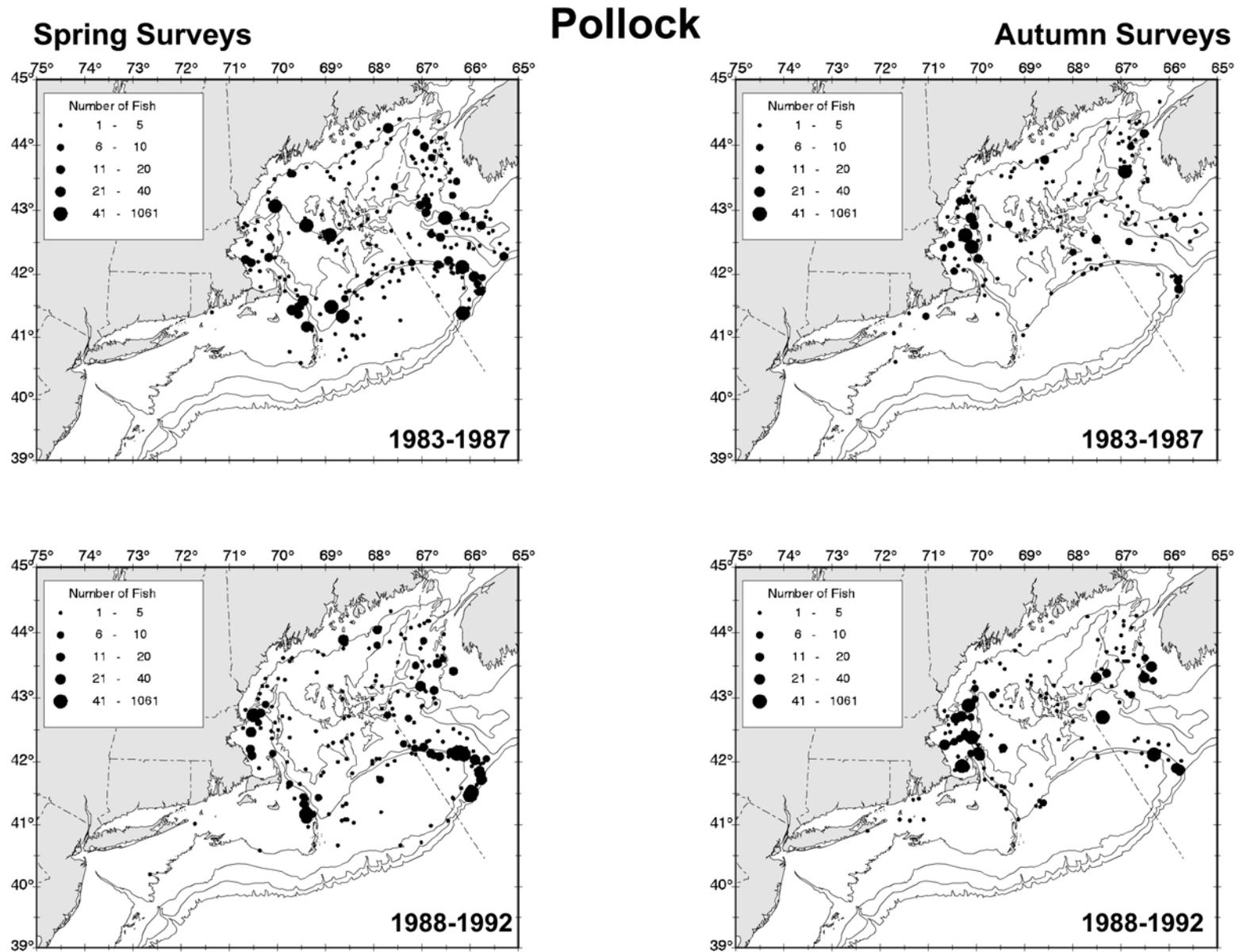
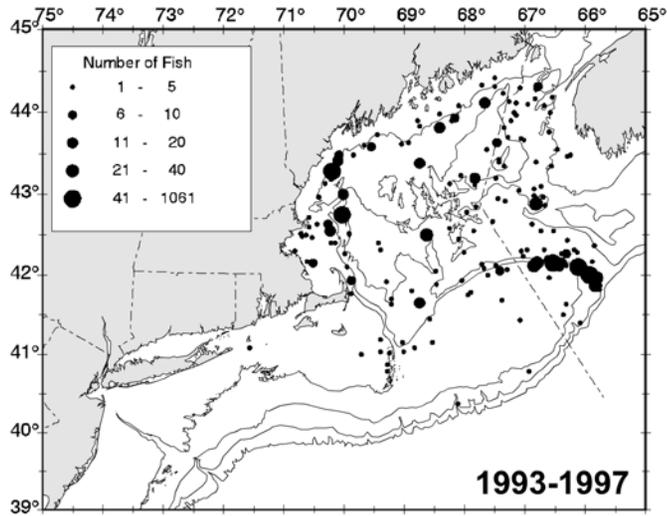


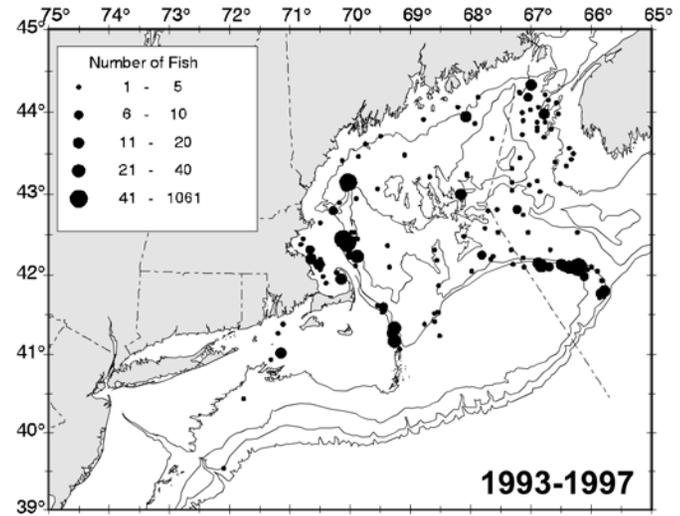
Figure C4c. Distribution of pollock in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

# Pollock

## Spring Surveys



## Autumn Surveys



69

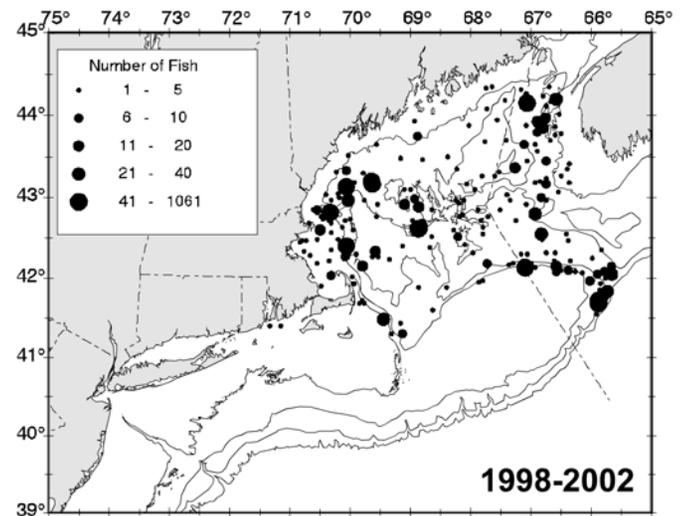
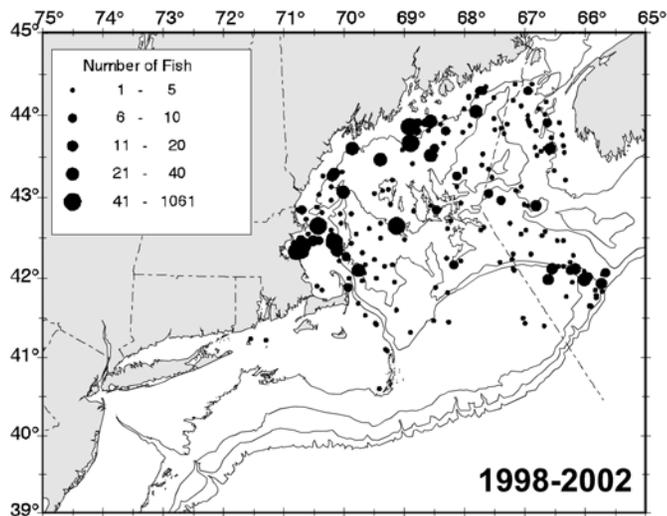
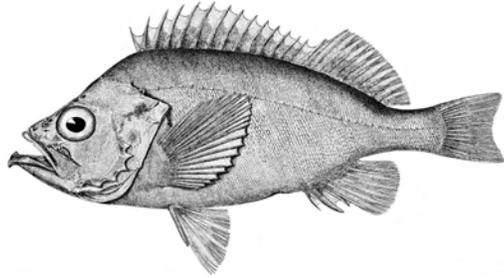
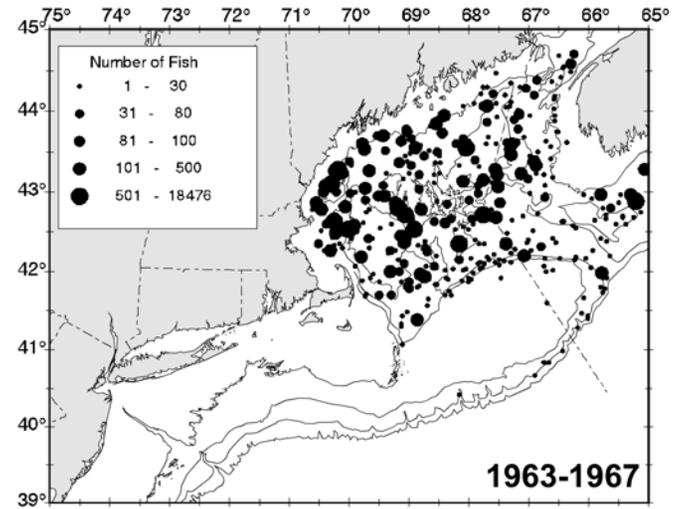


Figure C4d. Distribution of pollock in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Acadian Redfish



## Autumn Surveys



## Spring Surveys

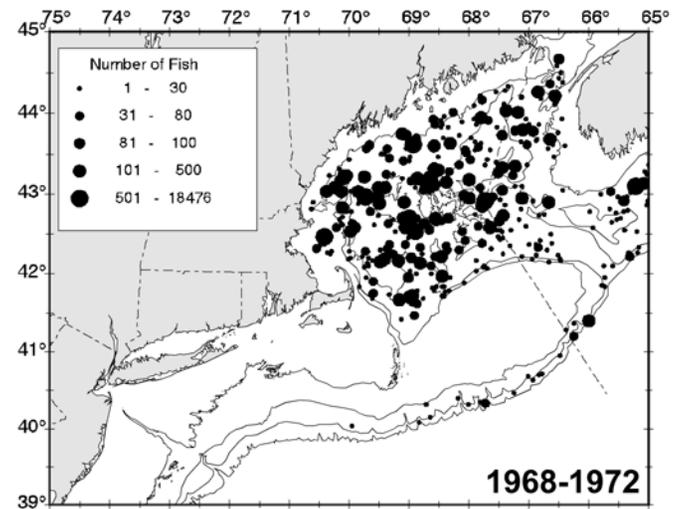
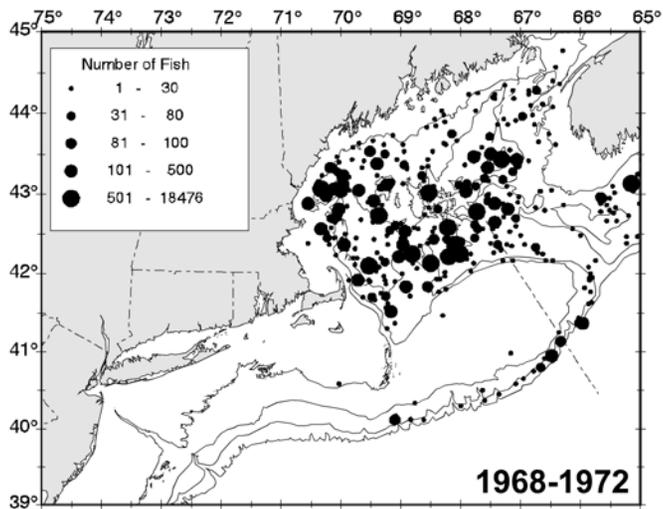


Figure C5a. Distribution of Acadian redfish in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

### Spring Surveys

## Acadian Redfish

### Autumn Surveys

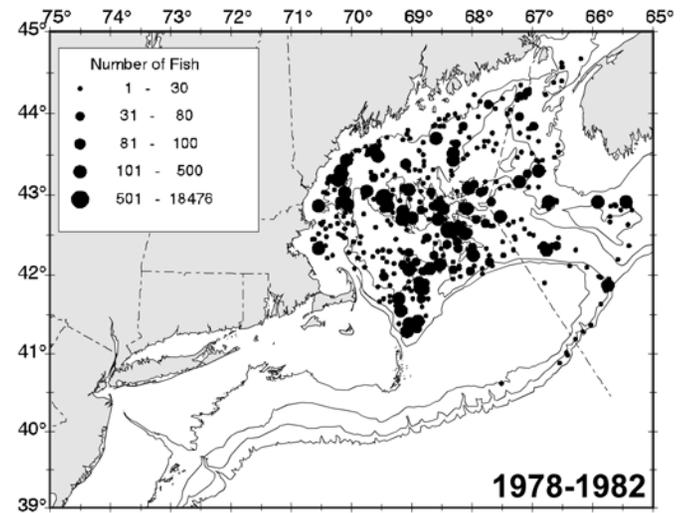
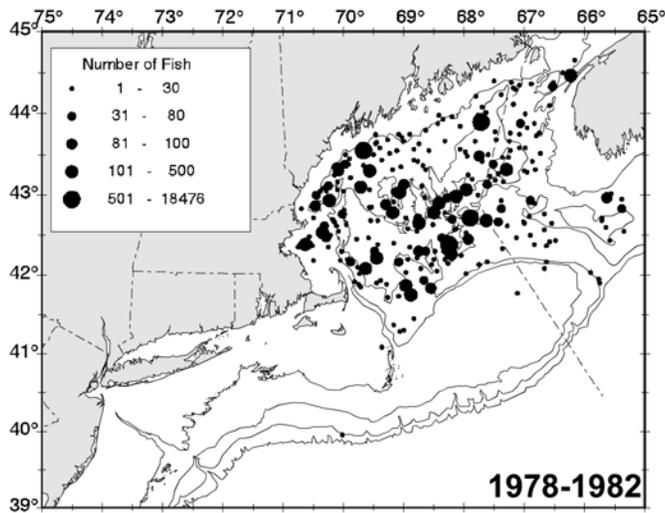
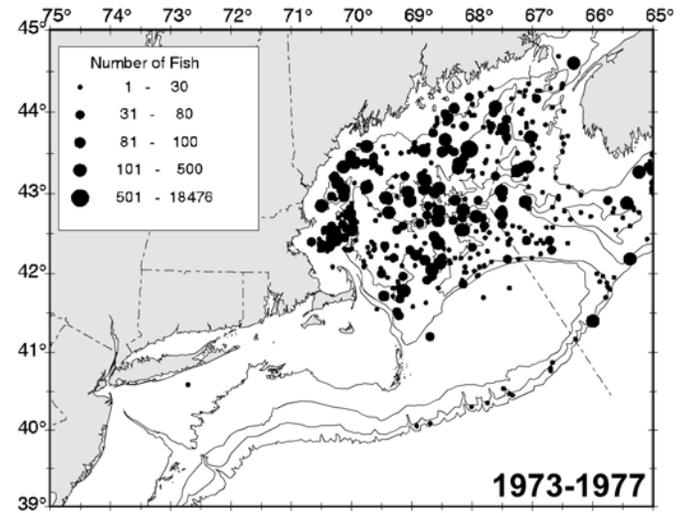
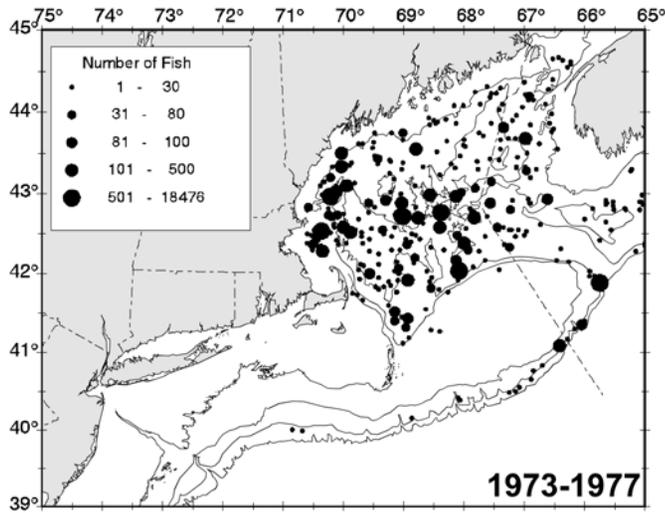


Figure C5b. Distribution of Acadian redfish in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

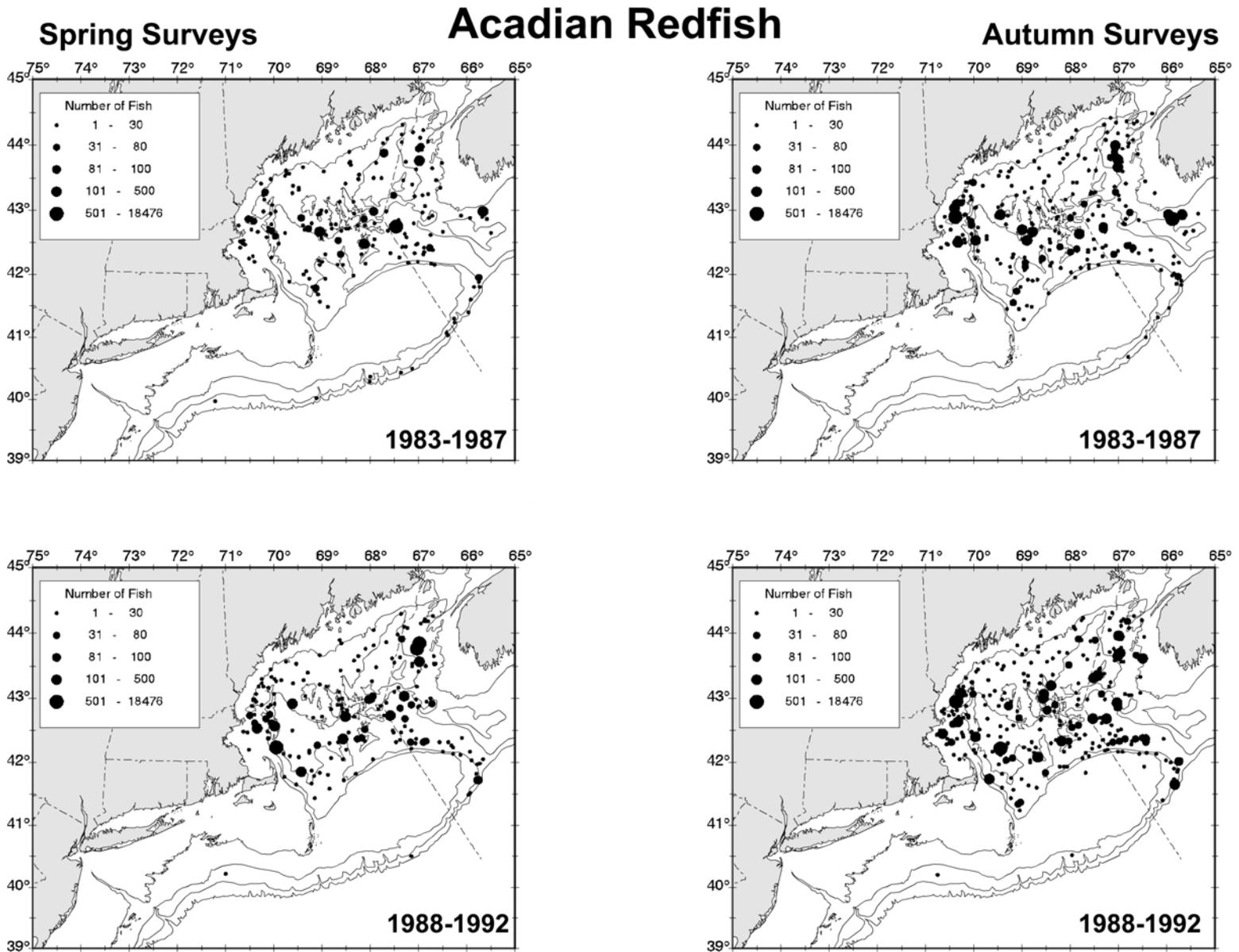
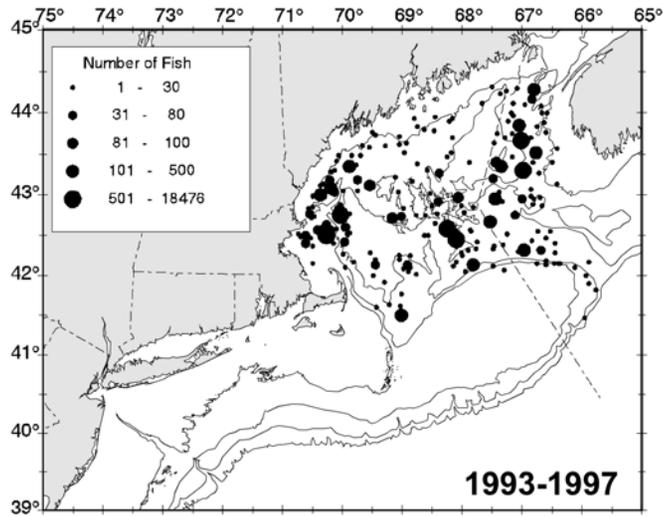


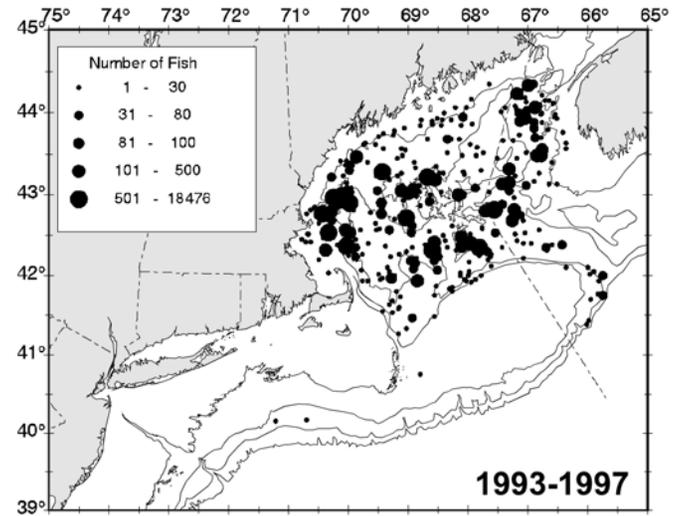
Figure C5c. Distribution of Acadian redfish in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

### Spring Surveys



## Acadian Redfish

### Autumn Surveys



73

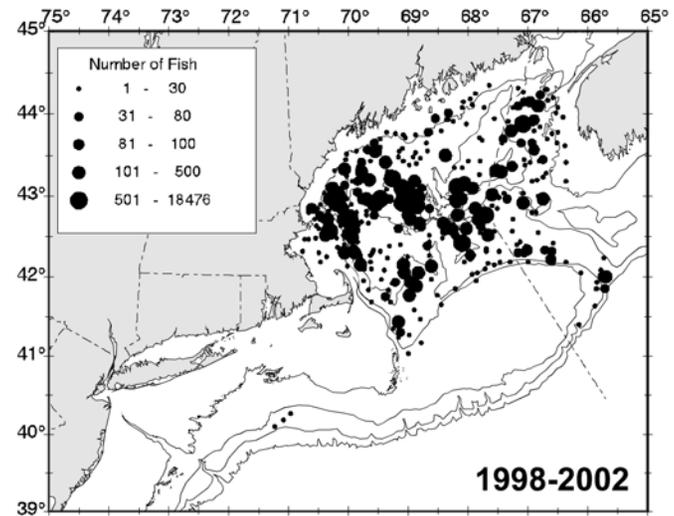
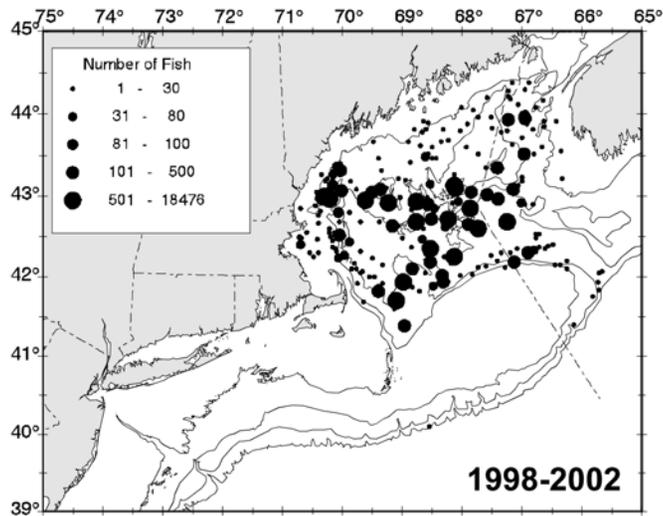
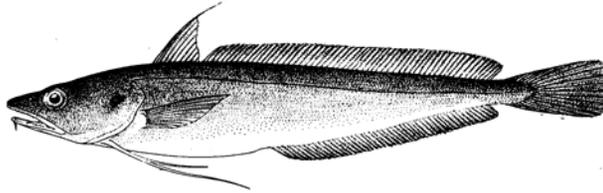
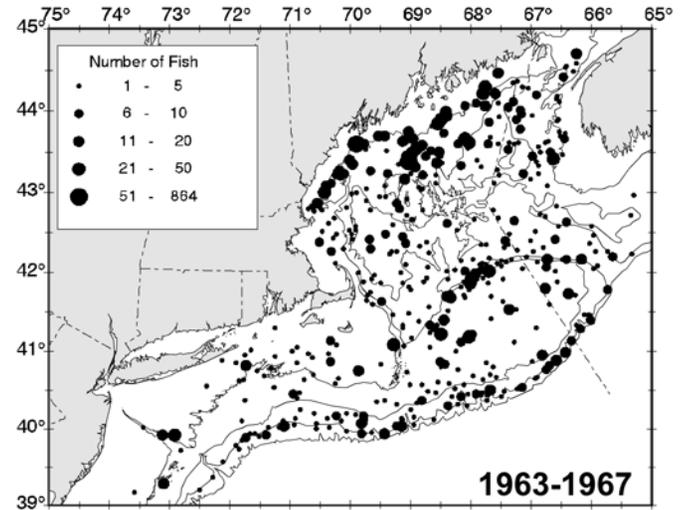


Figure C5d. Distribution of Acadian redfish in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# White Hake



## Autumn Surveys



74

## Spring Surveys

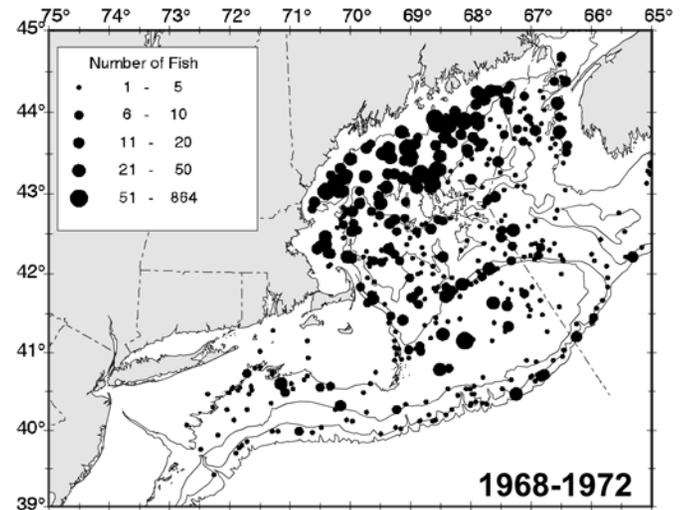
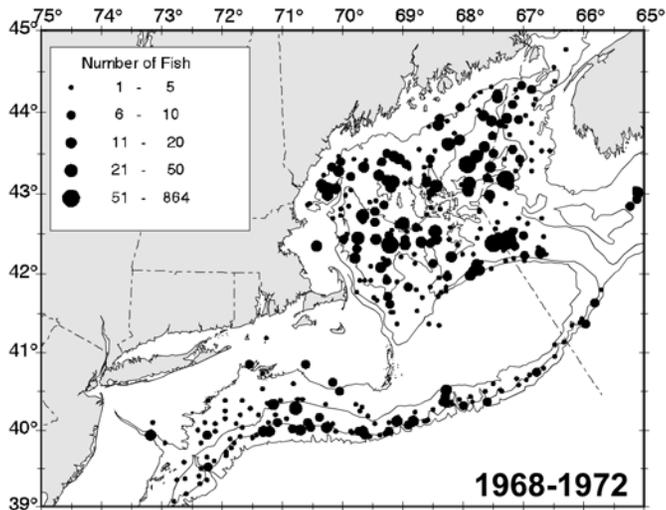


Figure C6a. Distribution of white hake in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

### Spring Surveys

# White Hake

### Autumn Surveys

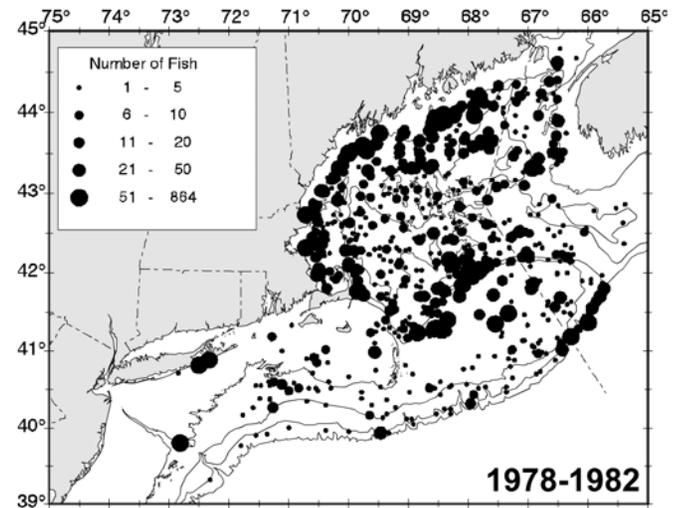
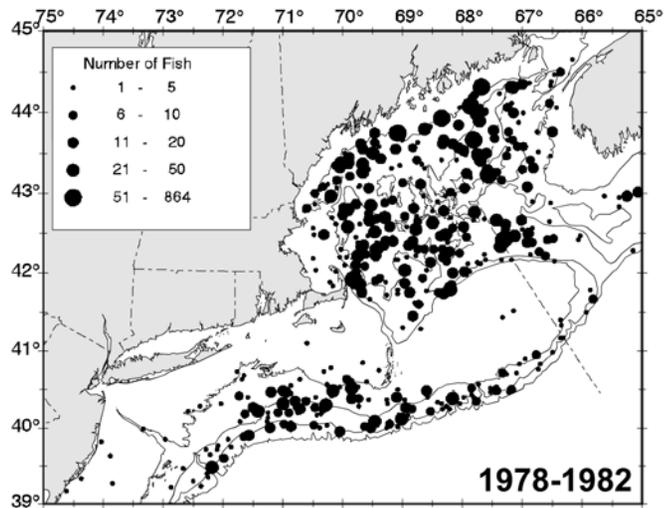
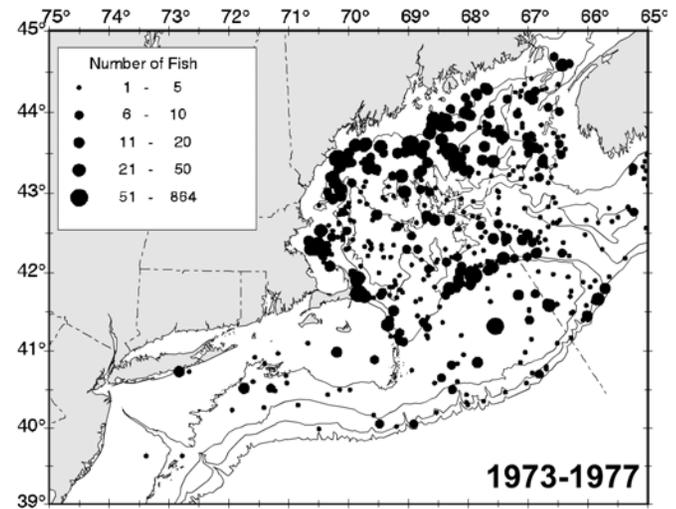
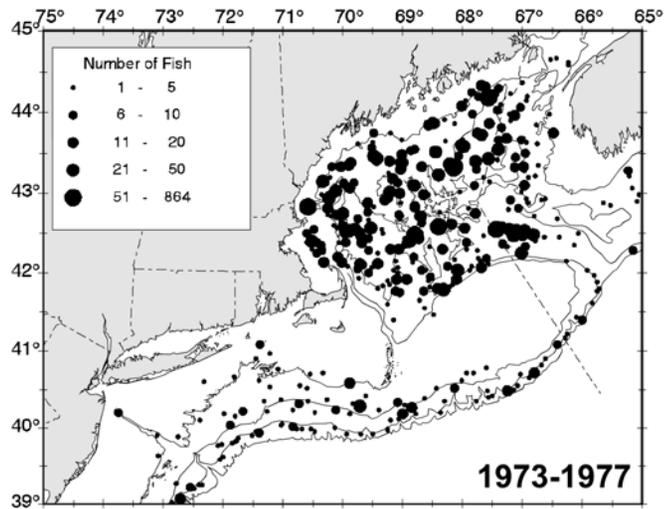


Figure C6b. Distribution of white hake in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

### Spring Surveys

## White Hake

### Autumn Surveys

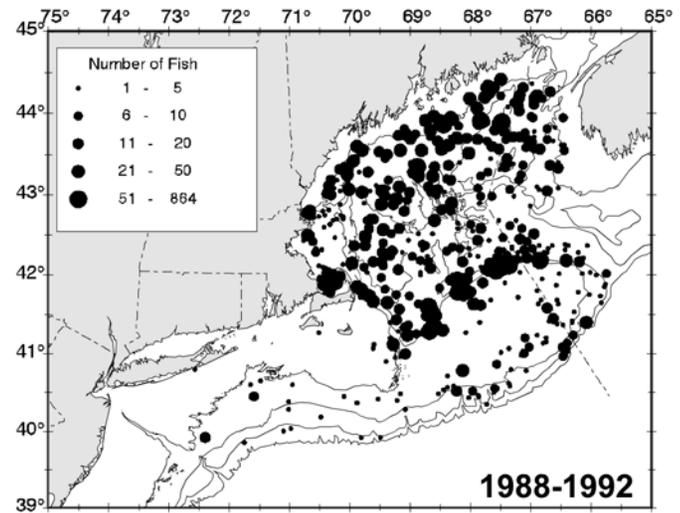
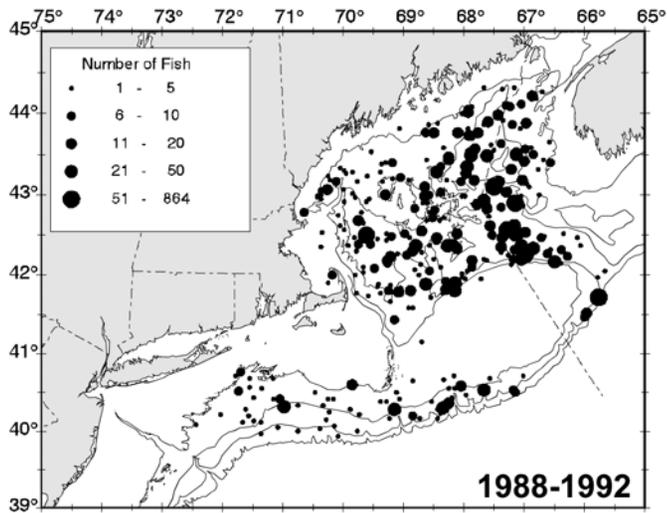
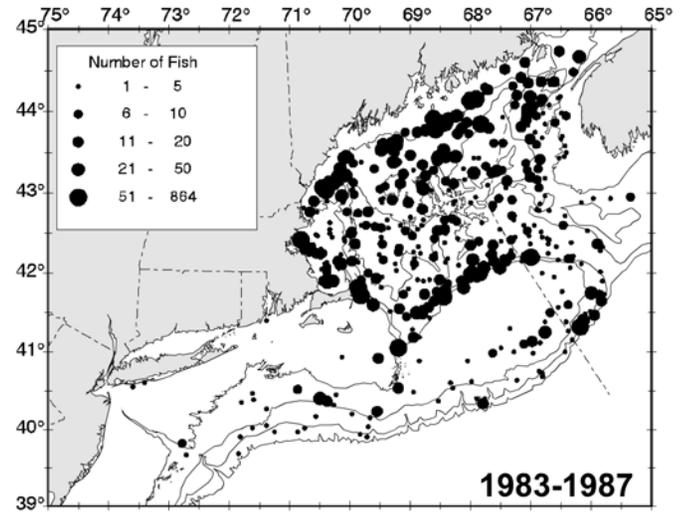
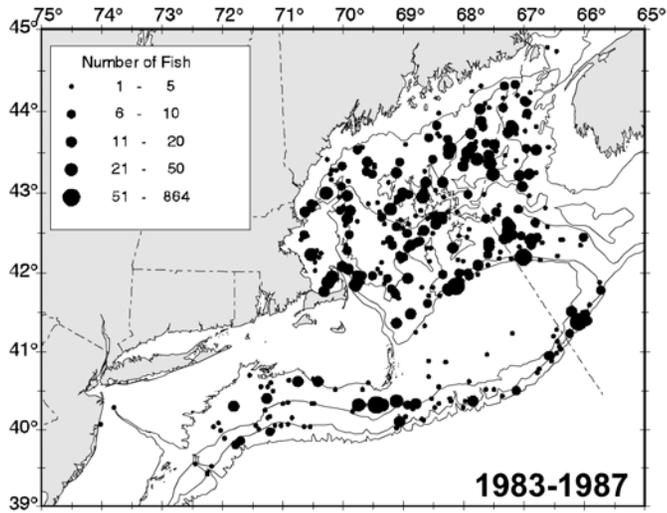
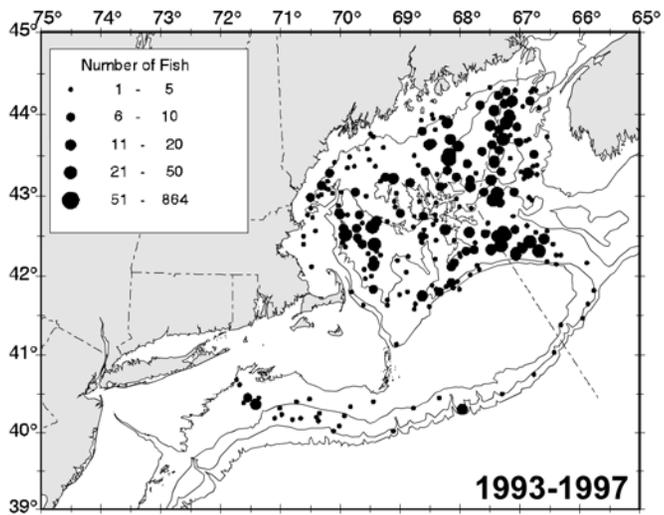


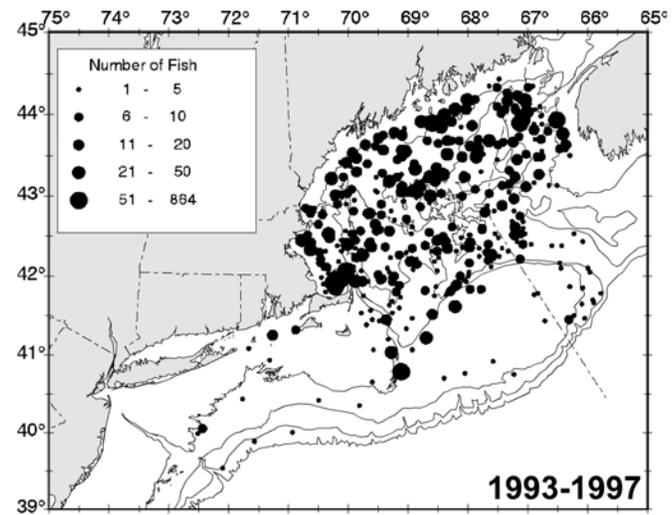
Figure C6c. Distribution of white hake in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

# Spring Surveys

## White Hake



# Autumn Surveys



77

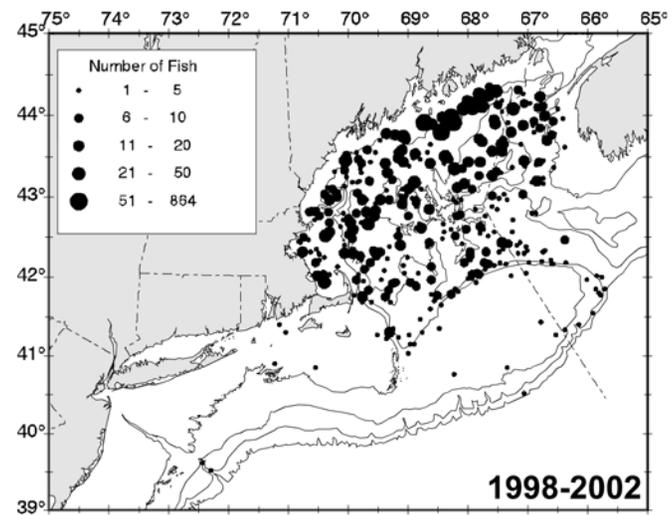
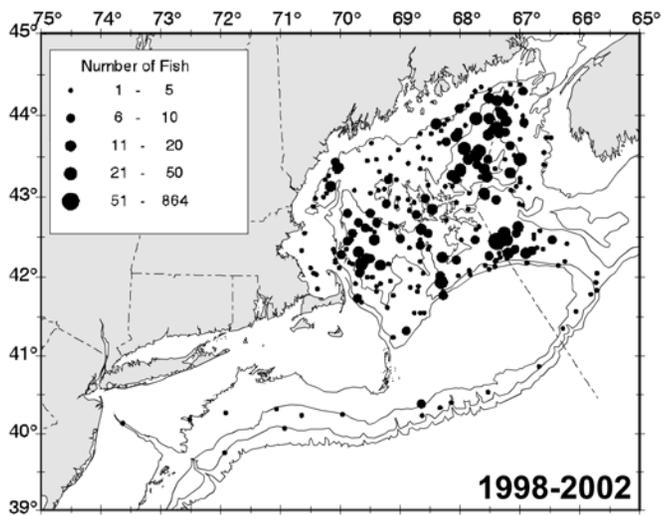
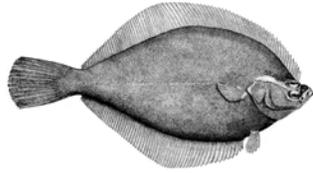
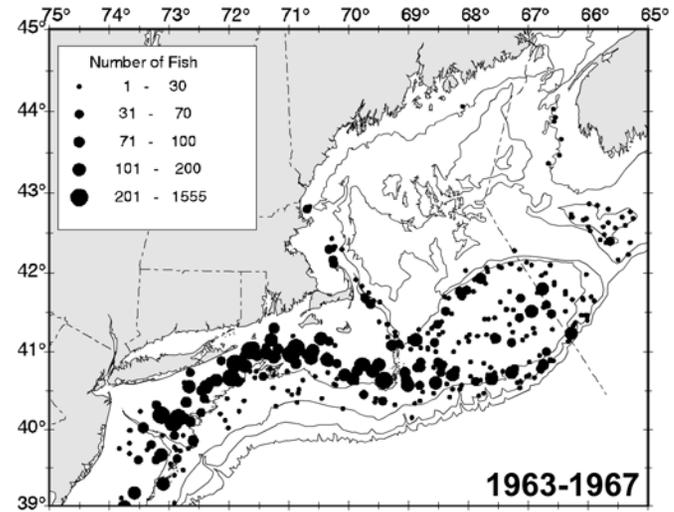


Figure C6d. Distribution of white hake in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Yellowtail Flounder



## Autumn Surveys



## Spring Surveys

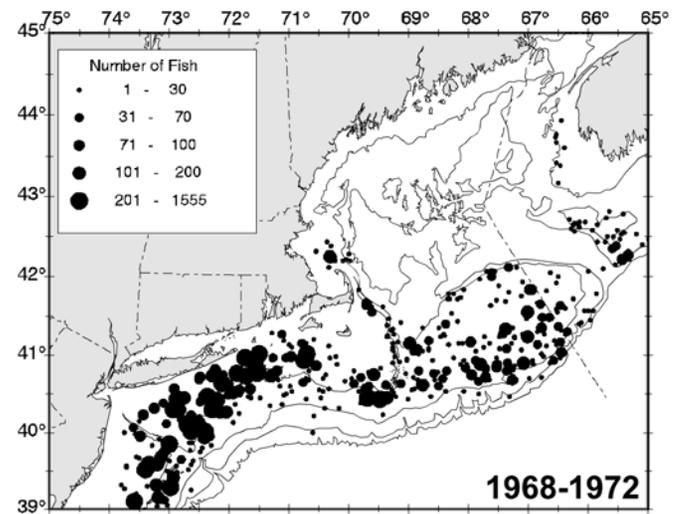
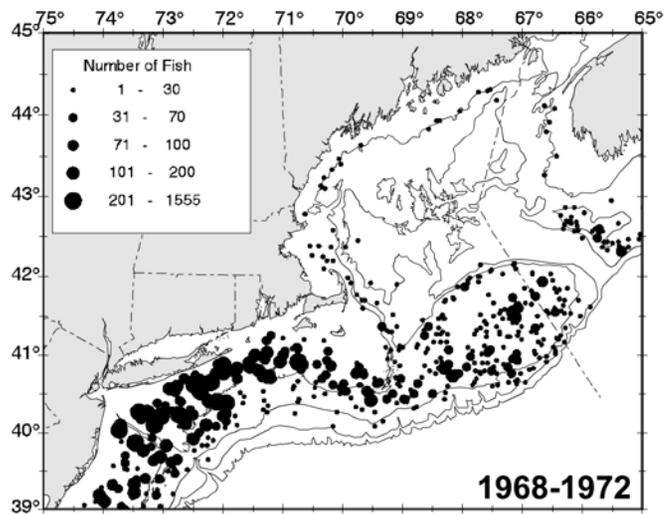


Figure C7a. Distribution of yellowtail flounder in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

# Yellowtail Flounder

Spring Surveys
Autumn Surveys

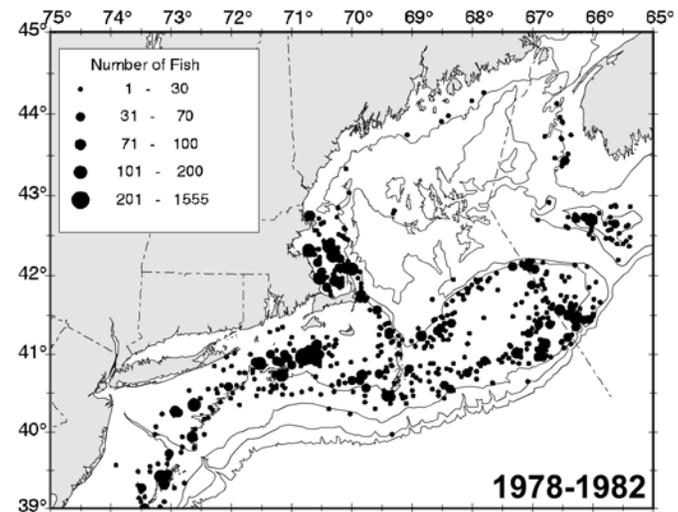
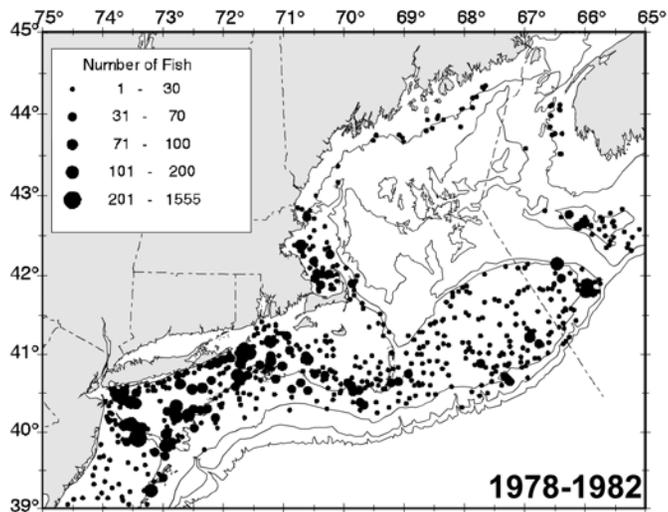
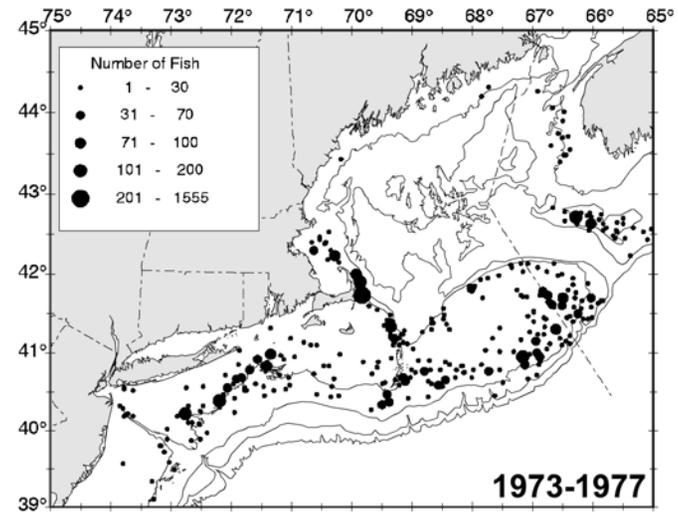
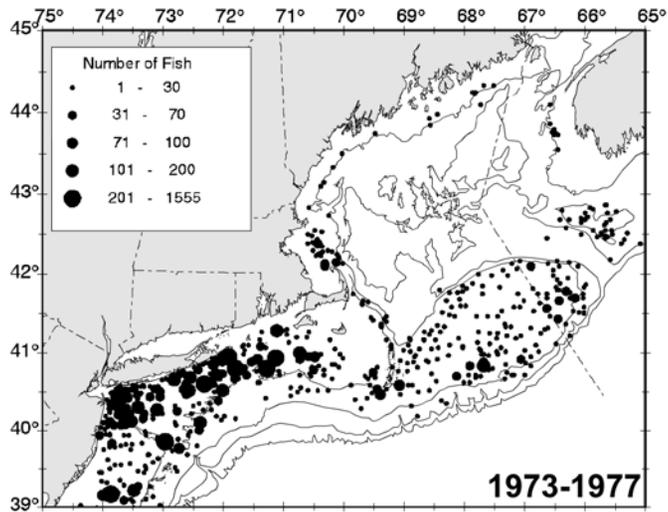
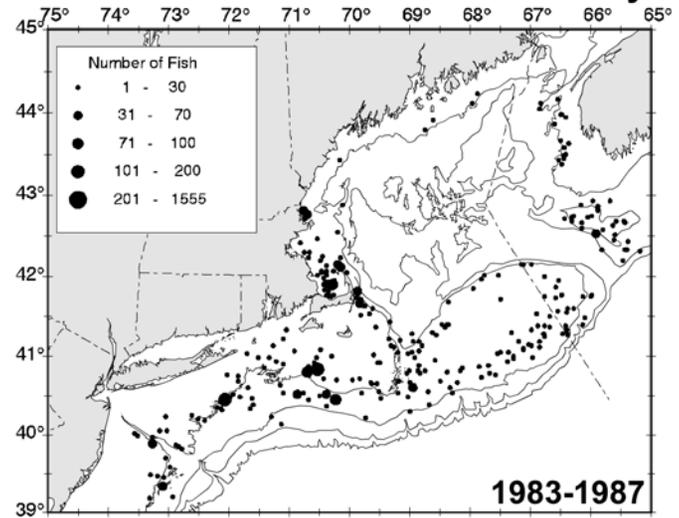
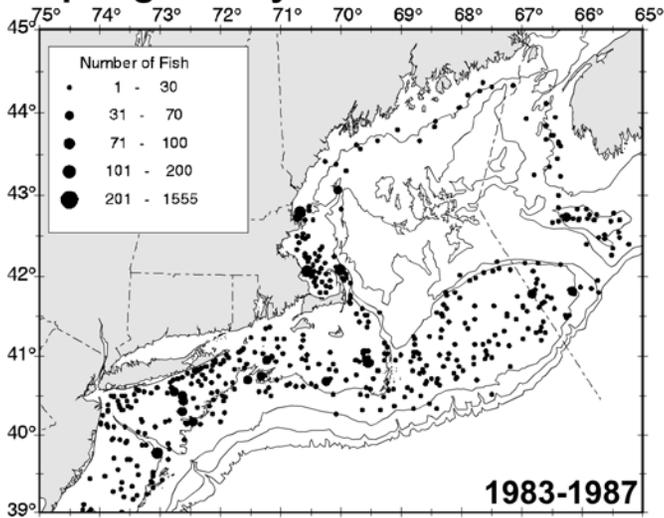


Figure C7b. Distribution of yellowtail flounder in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

### Spring Surveys

# Yellowtail Flounder

### Autumn Surveys



80

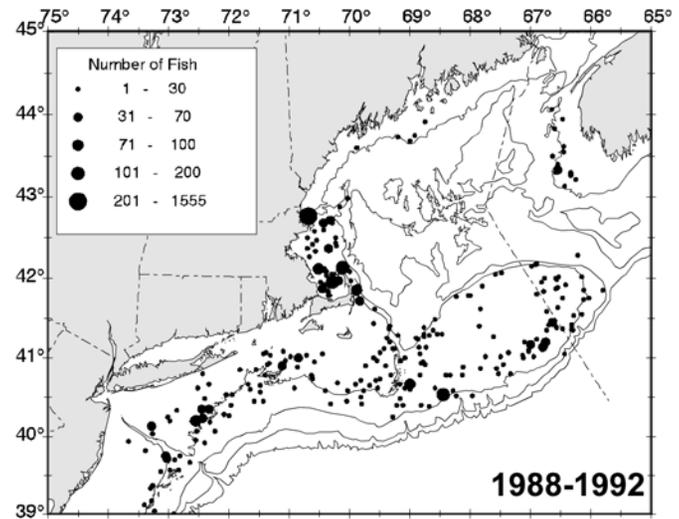
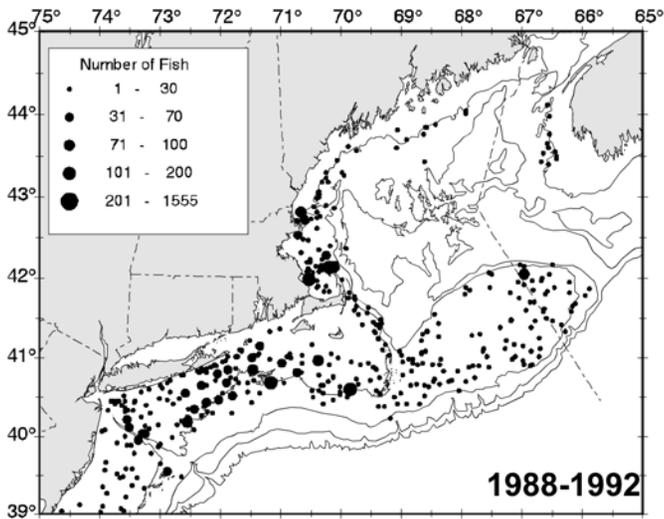
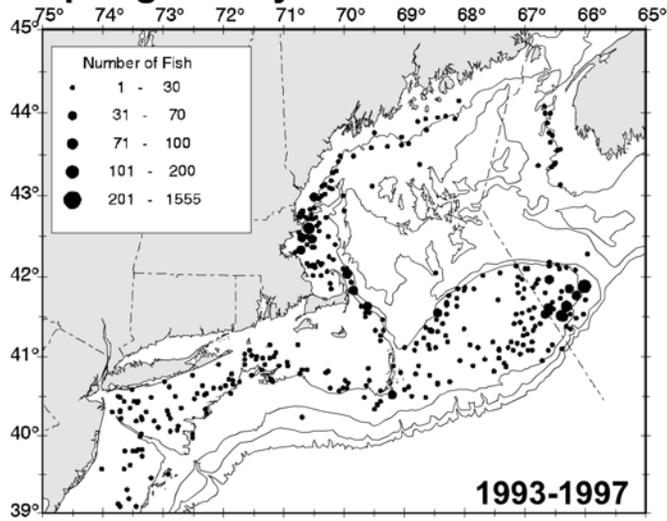


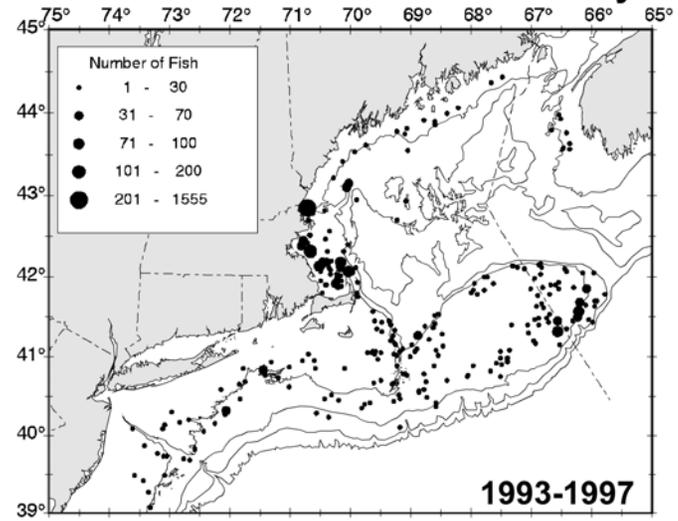
Figure C7c. Distribution of yellowtail flounder in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

### Spring Surveys



## Yellowtail Flounder

### Autumn Surveys



81

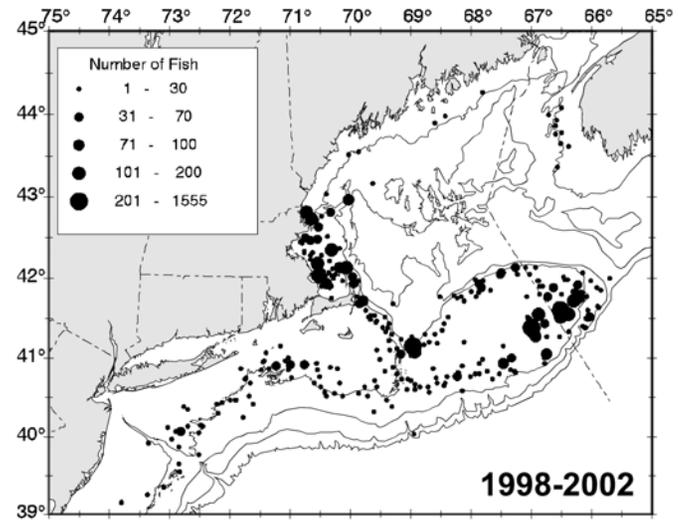
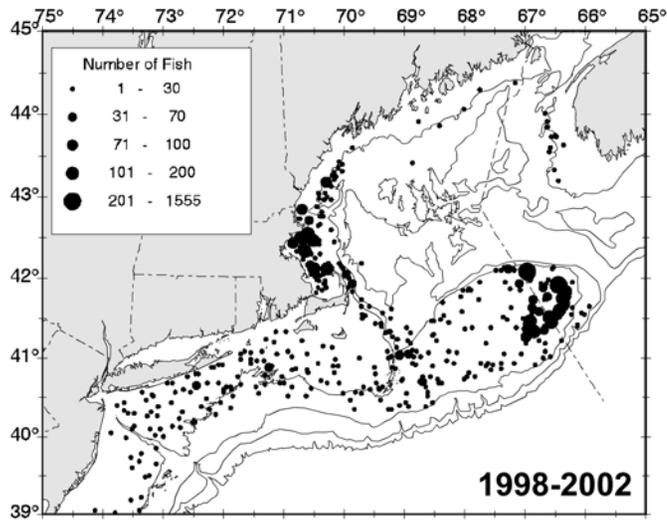
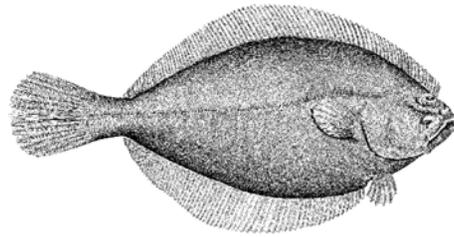
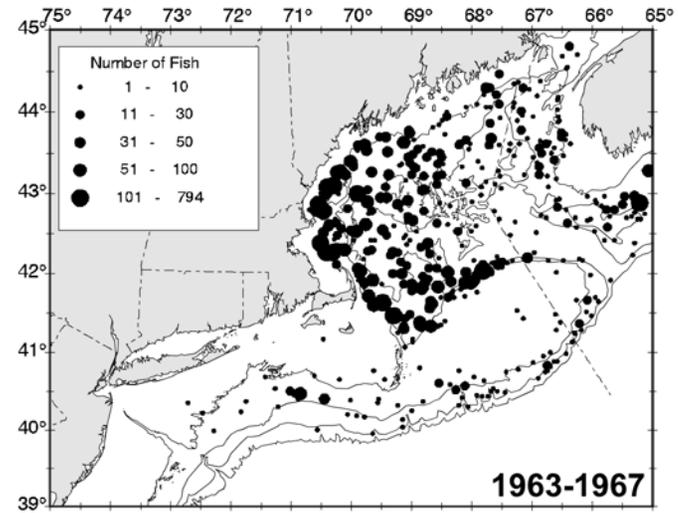


Figure C7d. Distribution of yellowtail flounder in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# American Plaice



## Autumn Surveys



## Spring Surveys

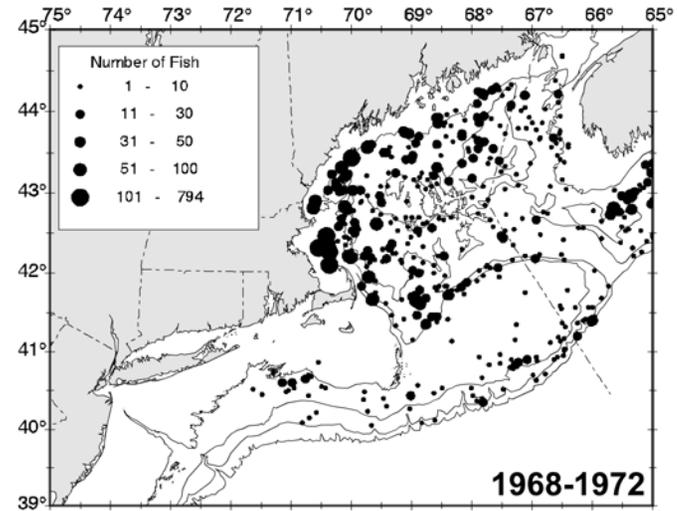
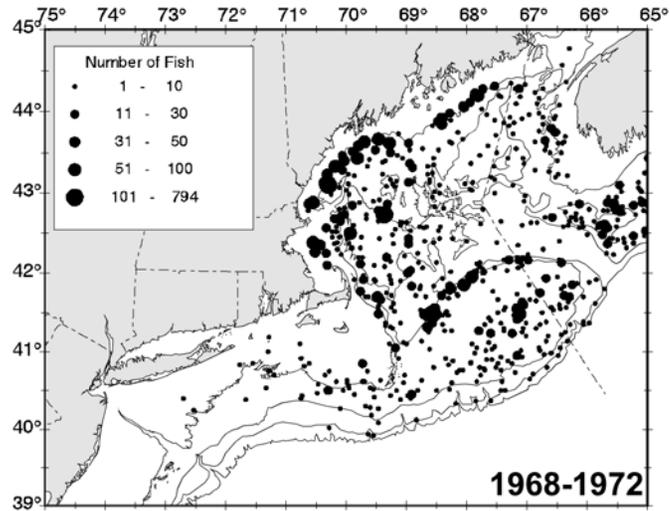


Figure C8a. Distribution of American plaice in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

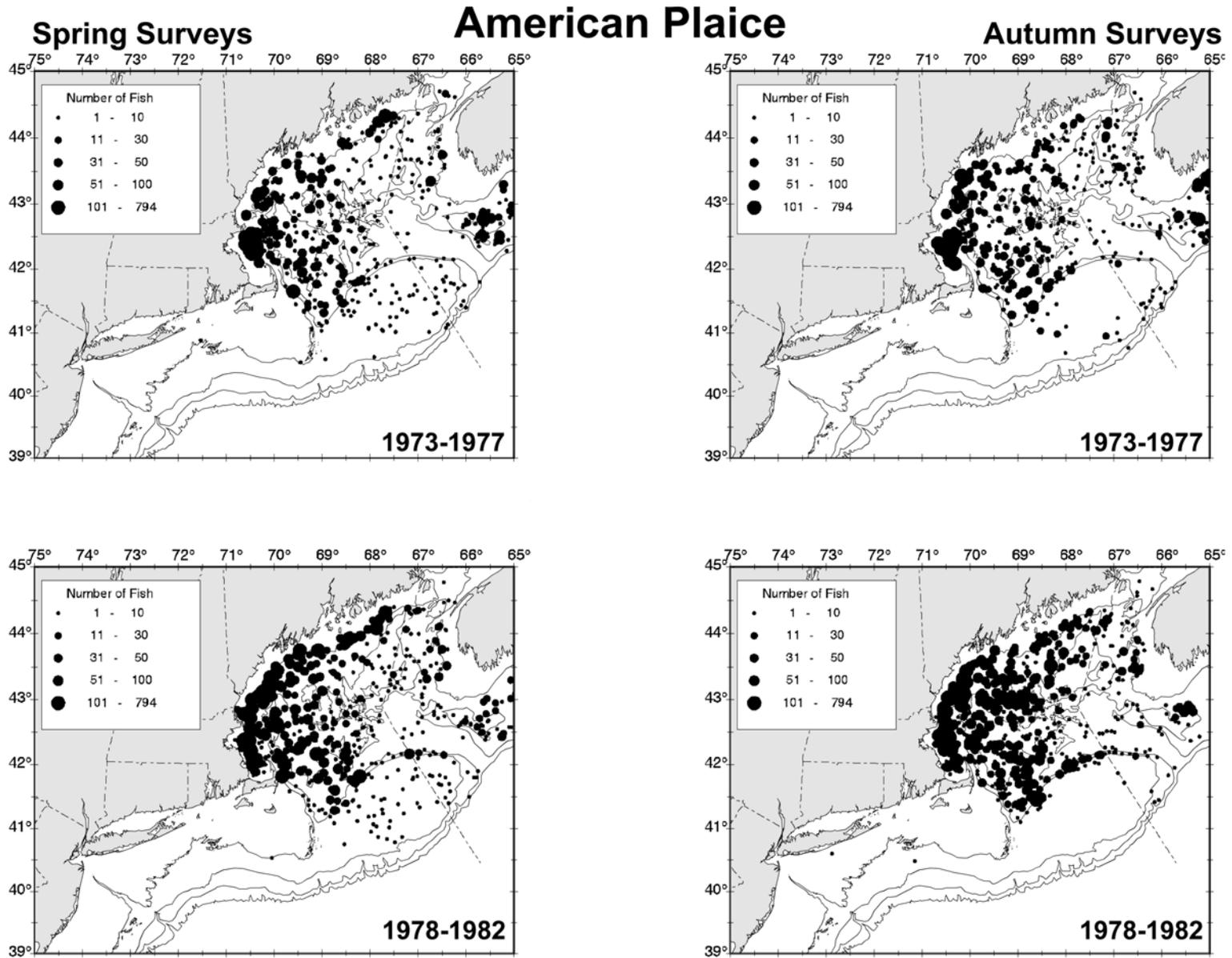
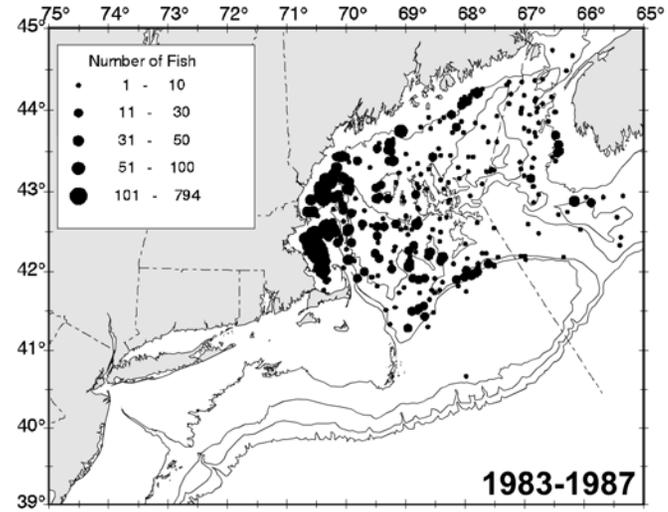
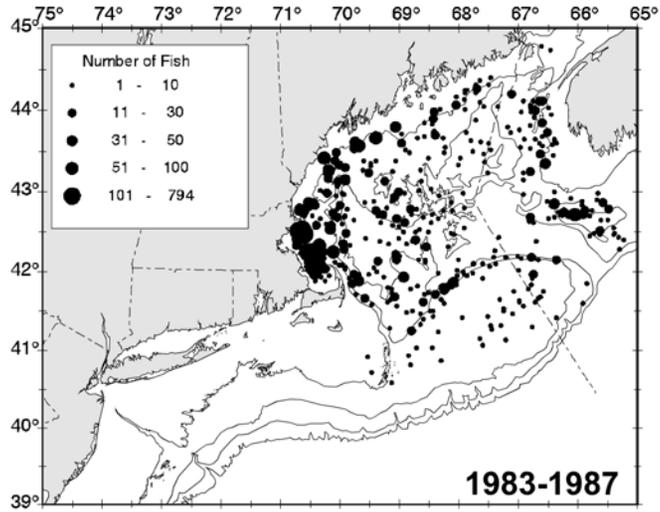


Figure C8b. Distribution of American plaice in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

### Spring Surveys

## American Plaice

### Autumn Surveys



84

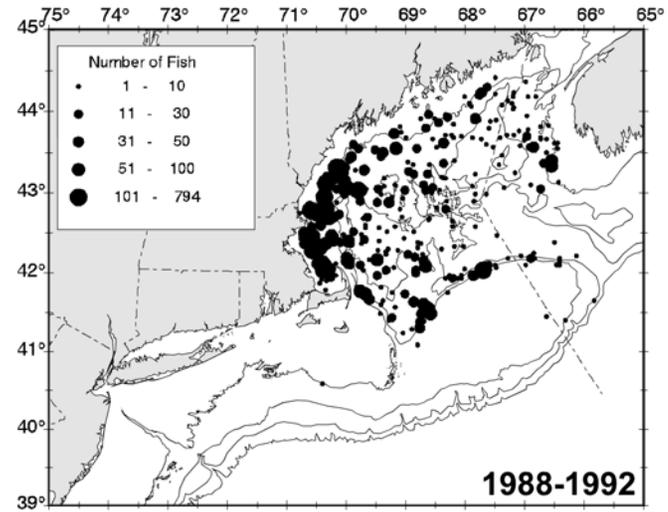
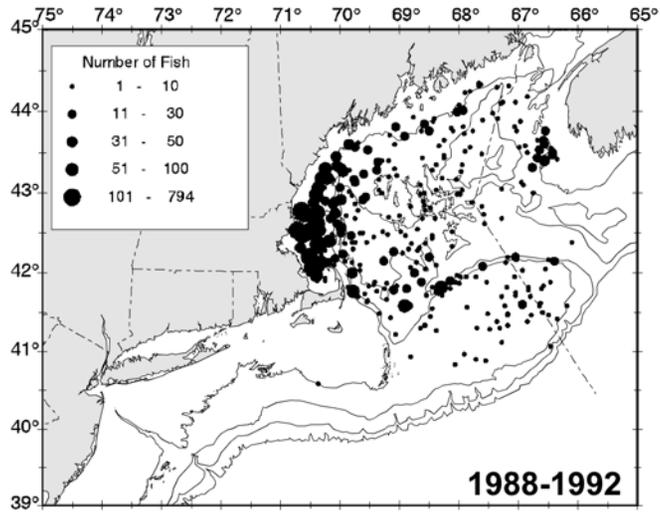
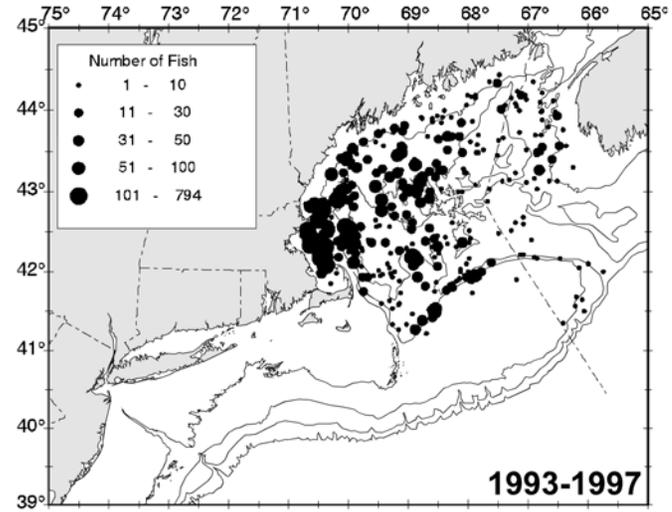
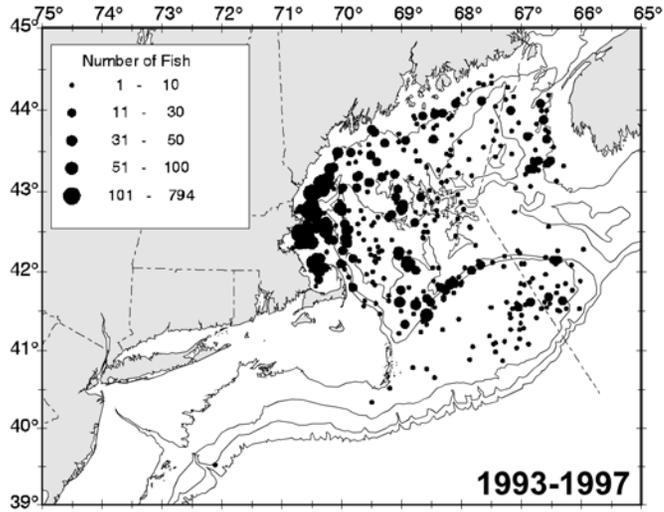


Figure C8c. Distribution of American plaice in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

### Spring Surveys

## American Plaice

### Autumn Surveys



85

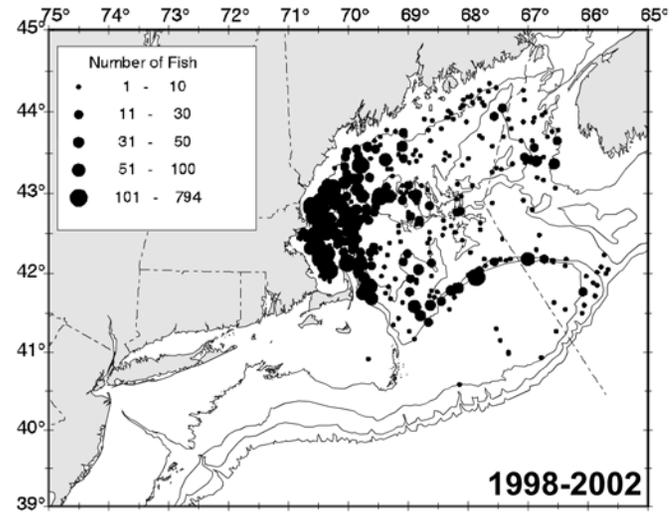
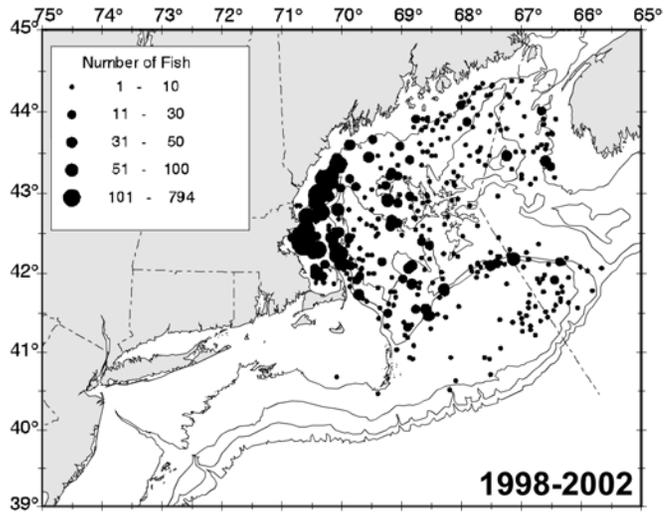
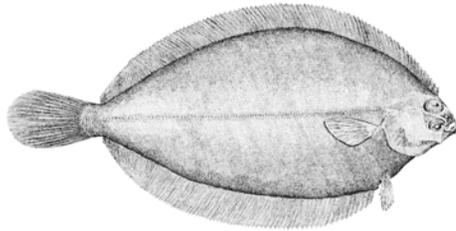
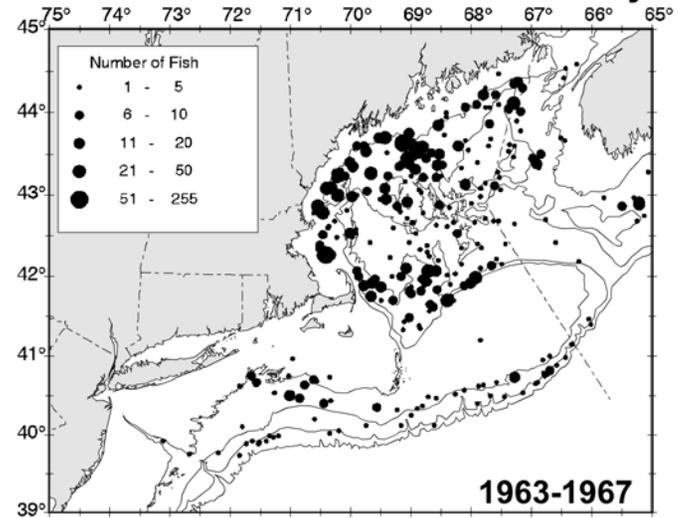


Figure C8d. Distribution of American plaice in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Witch Flounder



## Autumn Surveys



98

## Spring Surveys

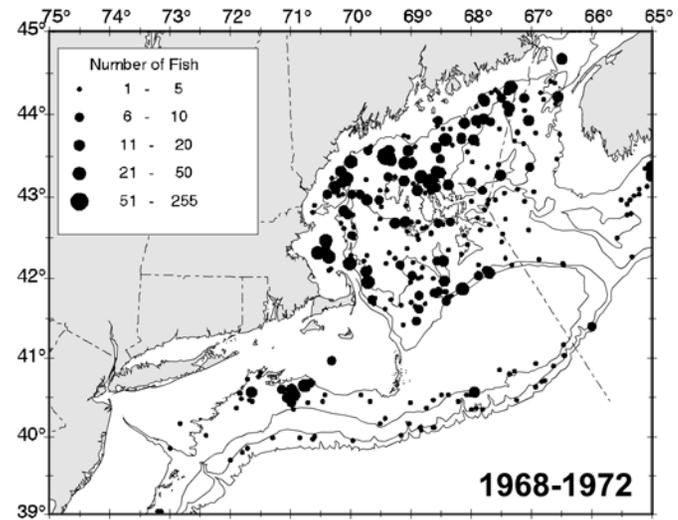
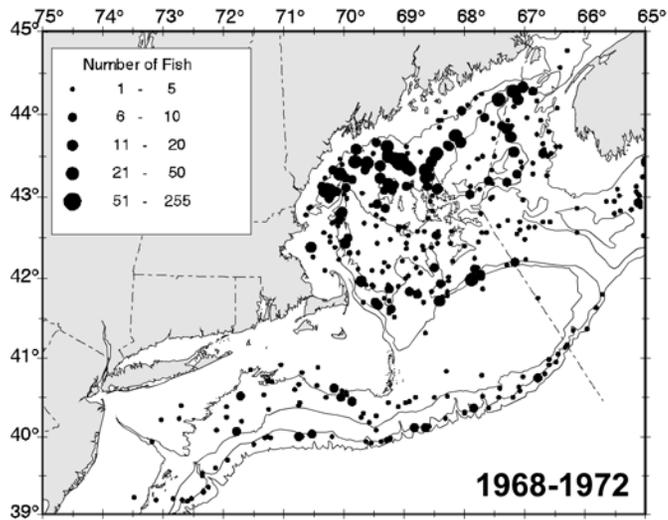
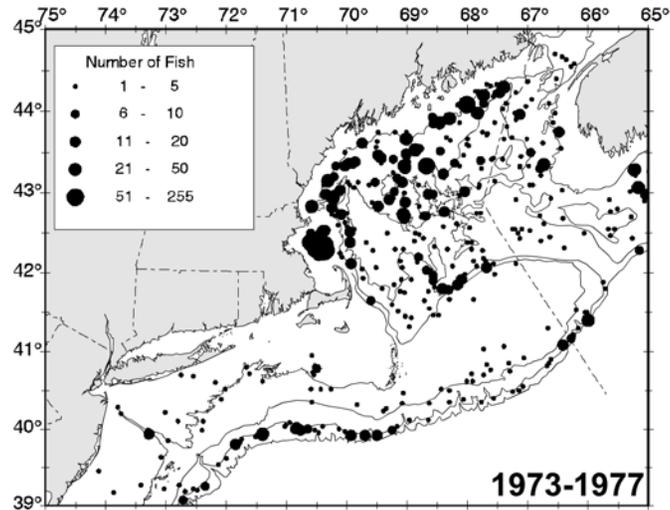


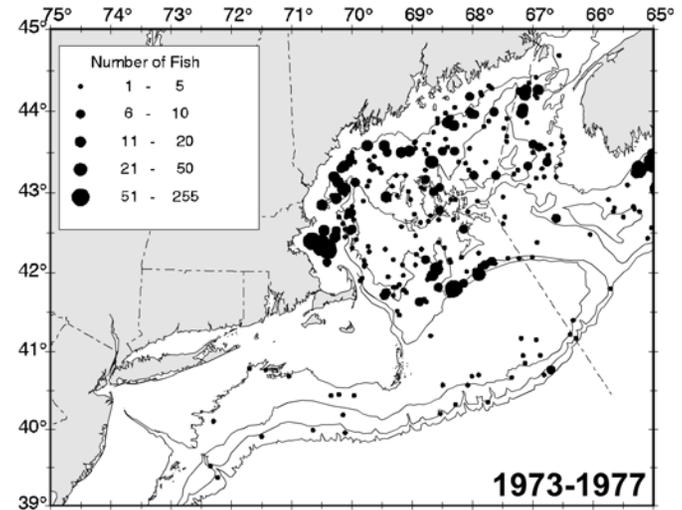
Figure C9a. Distribution of witch flounder in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

### Spring Surveys



## Witch Flounder

### Autumn Surveys



87

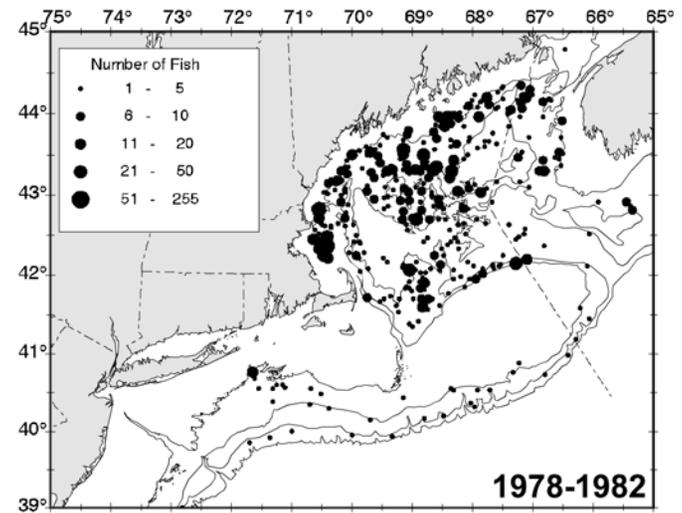
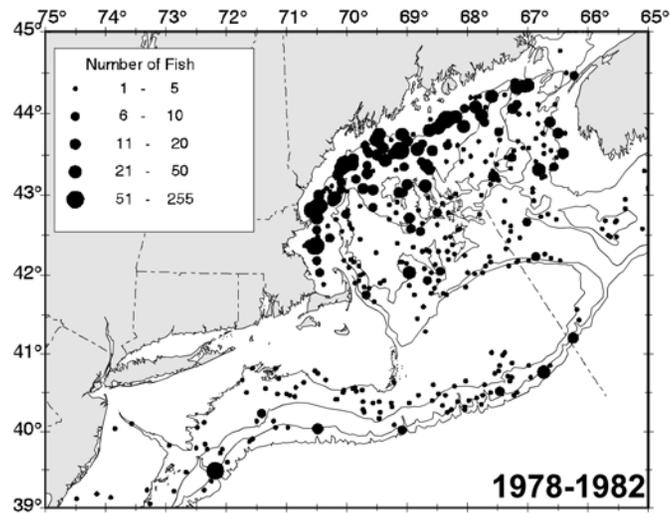
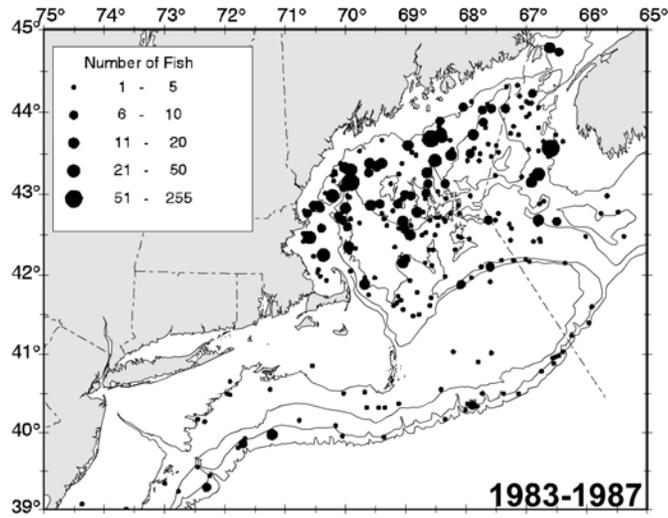


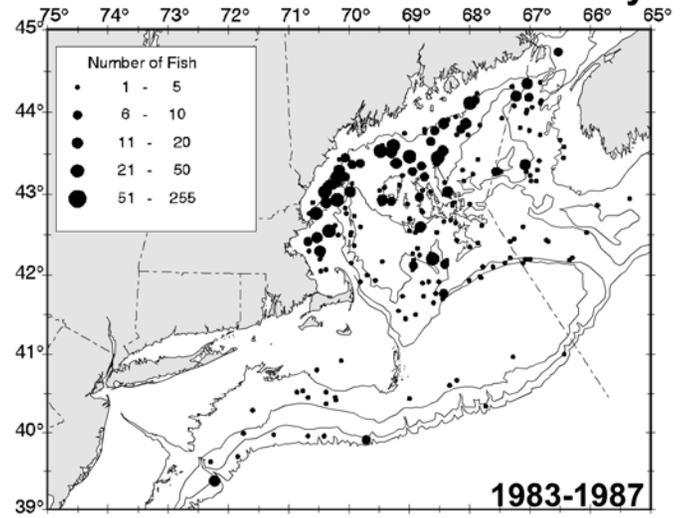
Figure C9b. Distribution of witch flounder in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

### Spring Surveys



### Witch Flounder

### Autumn Surveys



88

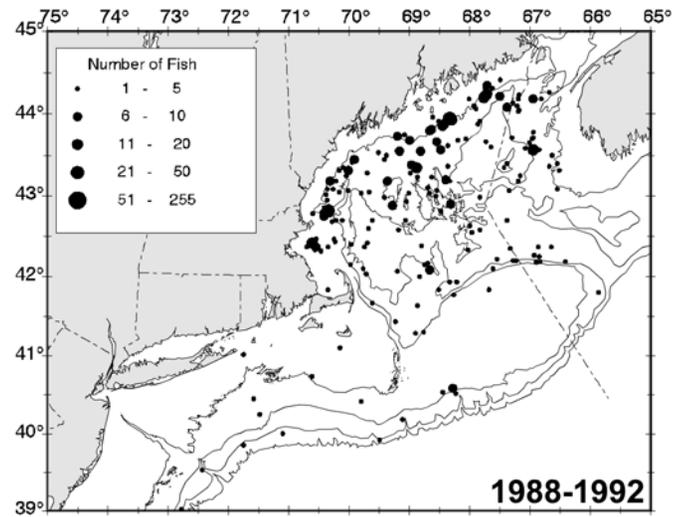
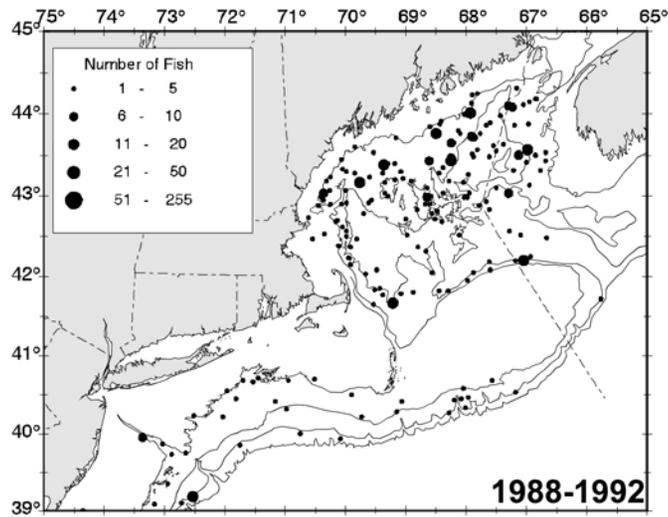
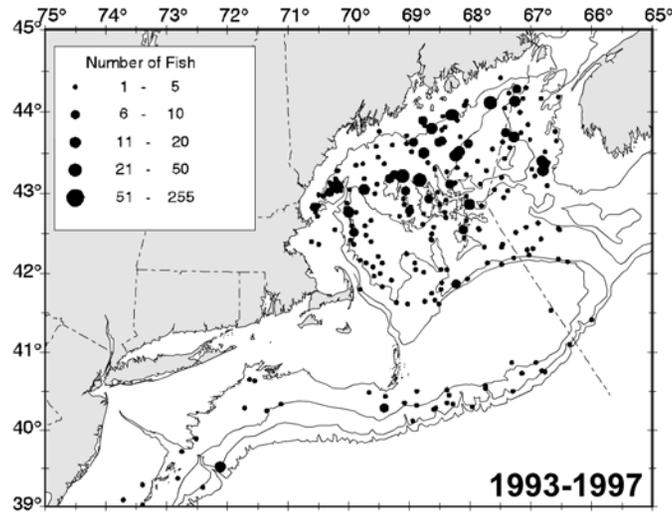


Figure C9c. Distribution of witch flounder in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

# Witch Flounder

## Spring Surveys



## Autumn Surveys

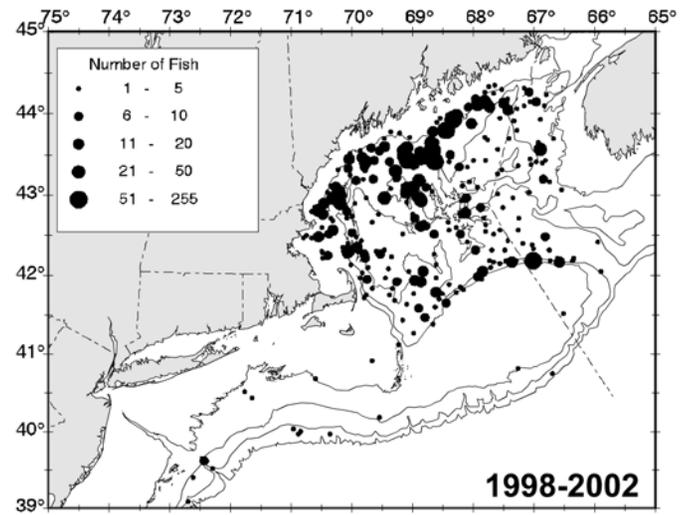
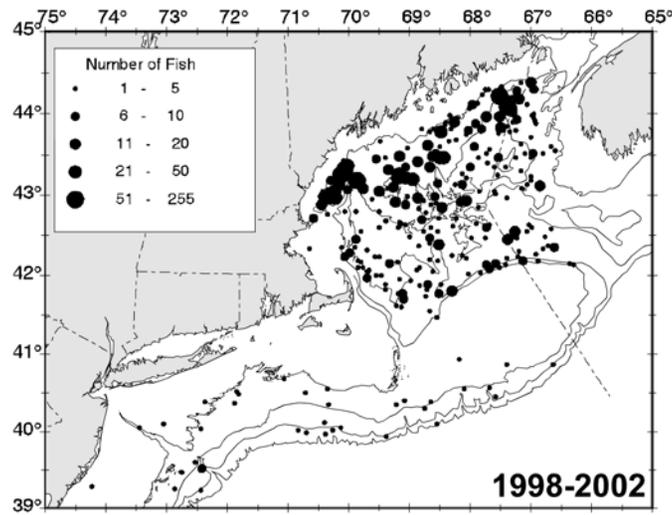
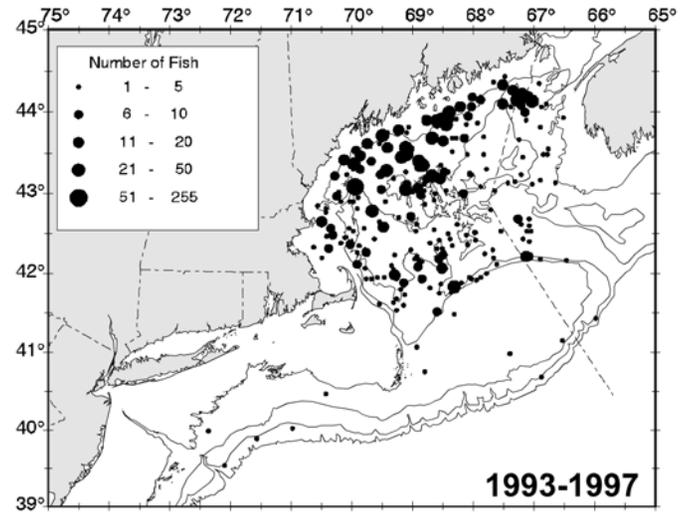
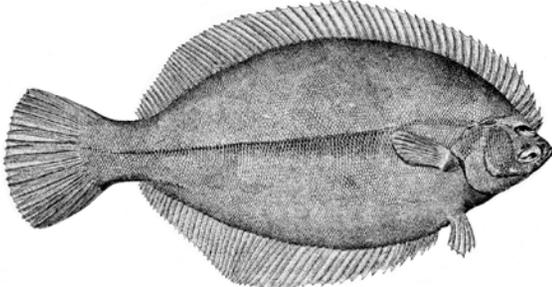
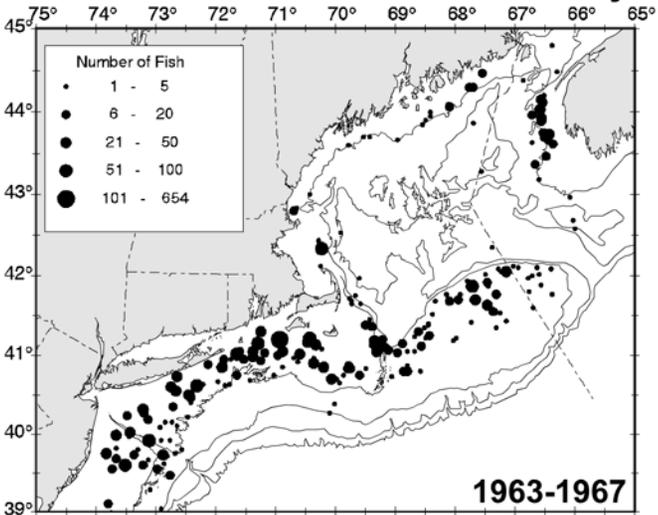


Figure C9d. Distribution of witch flounder in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Winter Flounder



## Autumn Surveys



06

## Spring Surveys

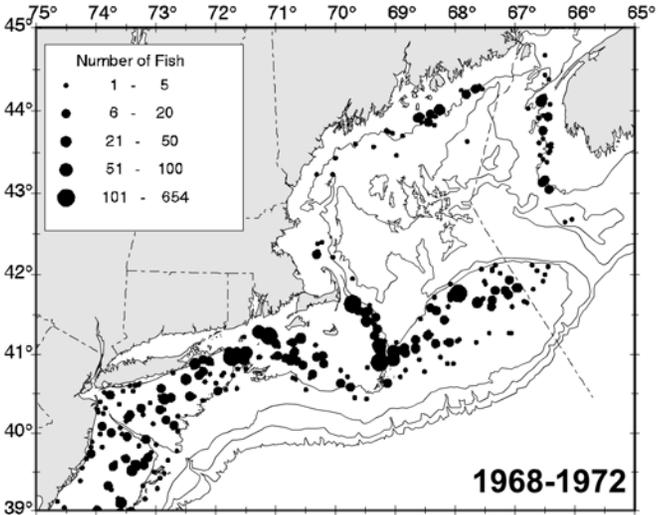
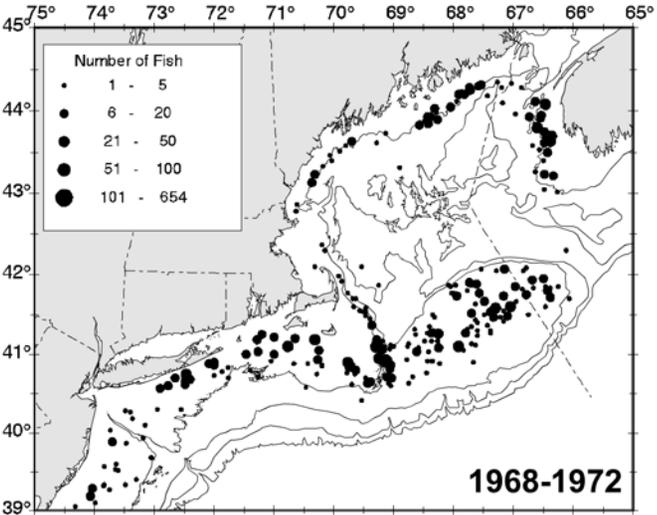
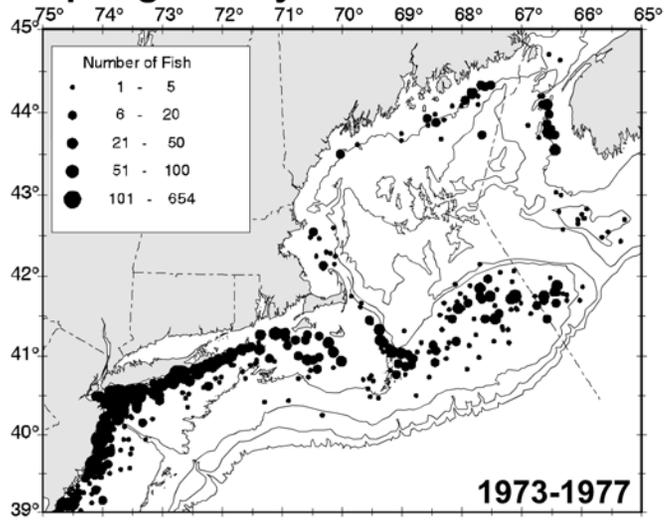


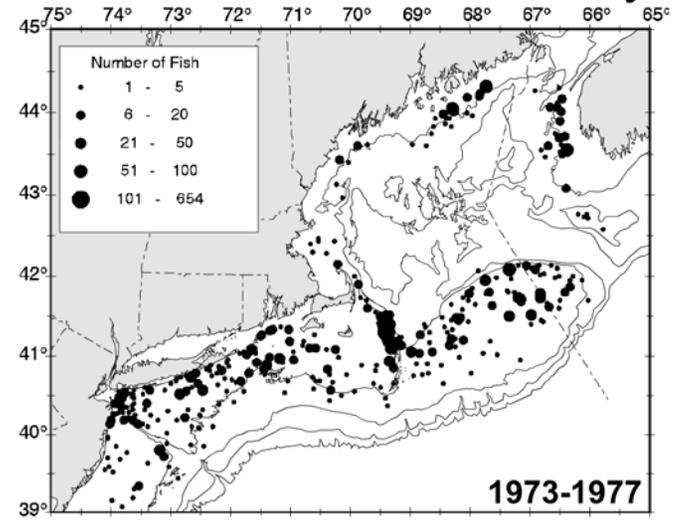
Figure C10a. Distribution of winter flounder in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

### Spring Surveys



## Winter Flounder

### Autumn Surveys



16

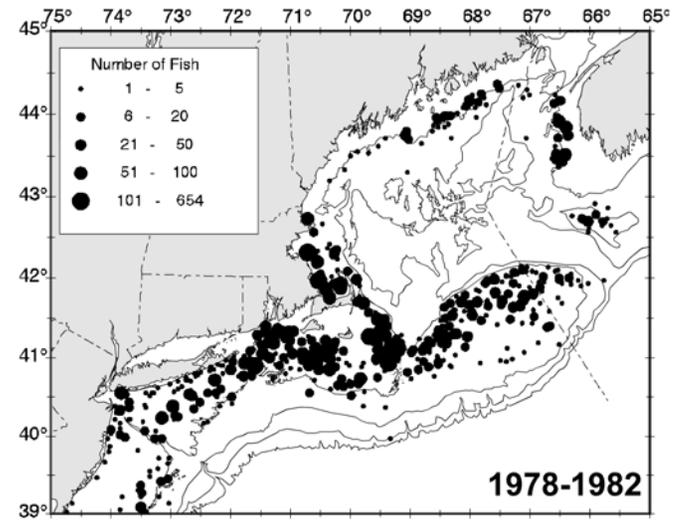
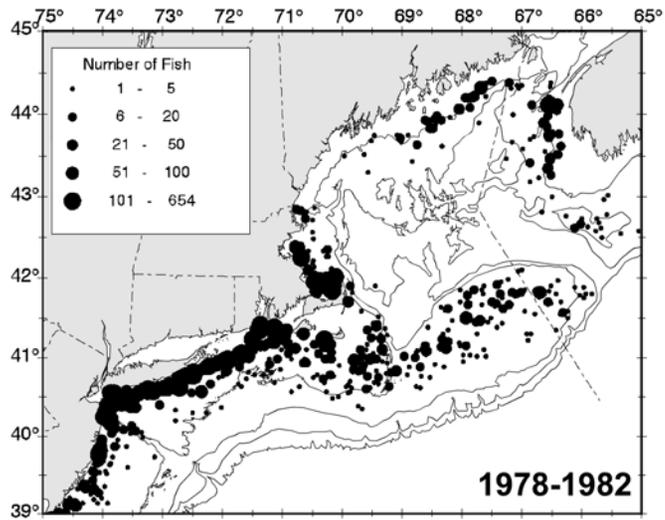


Figure C10b. Distribution of winter flounder in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

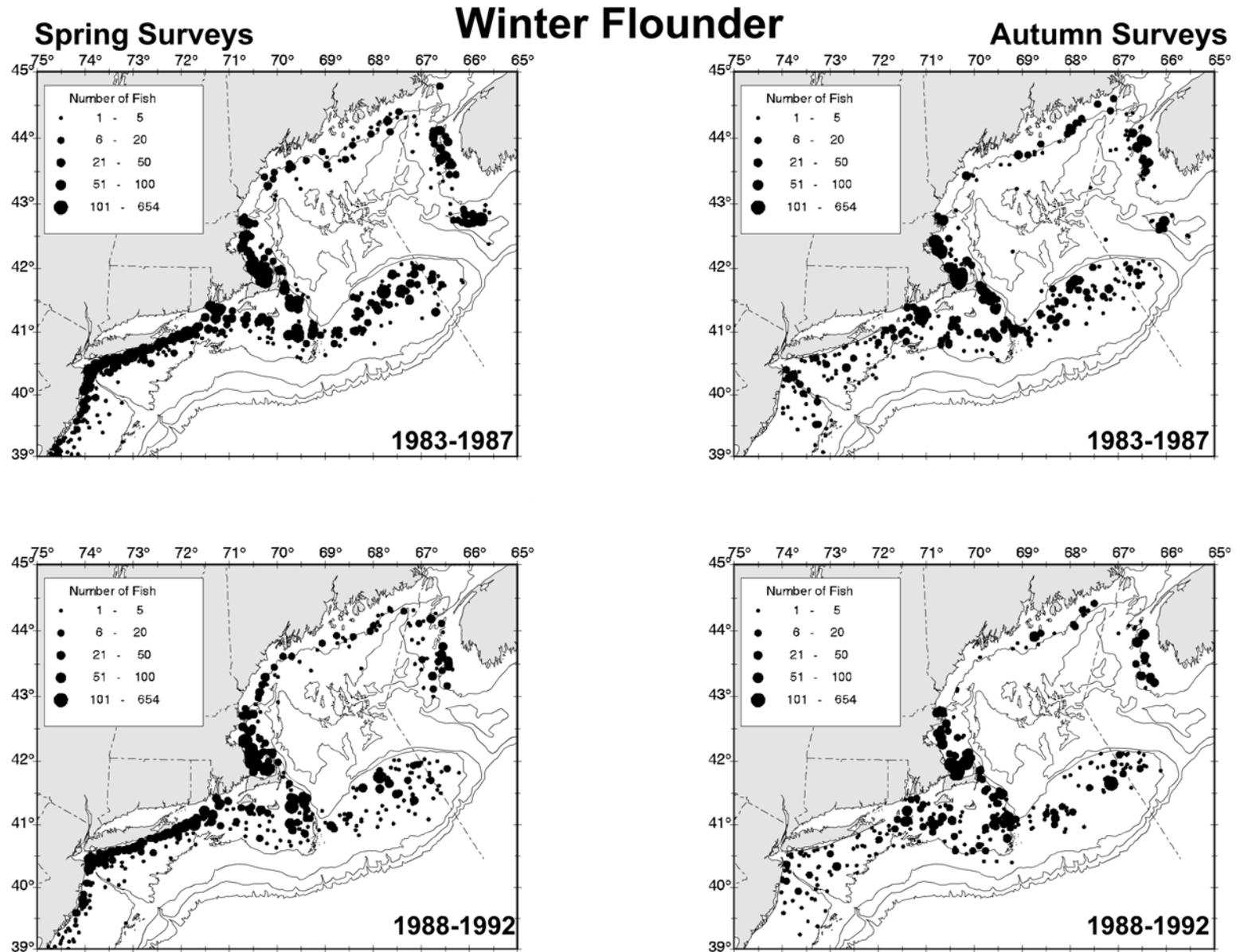
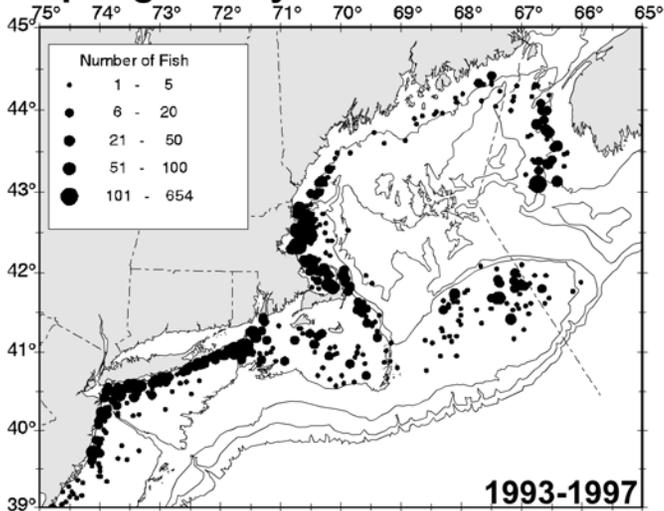


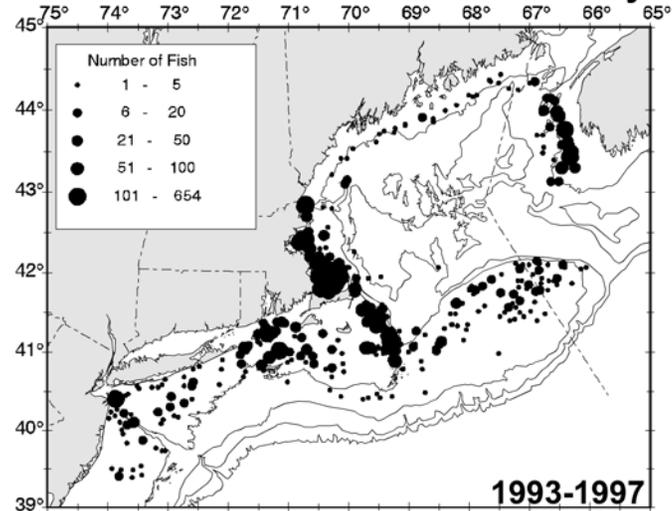
Figure C10c. Distribution of winter flounder in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

### Spring Surveys



## Winter Flounder

### Autumn Surveys



93

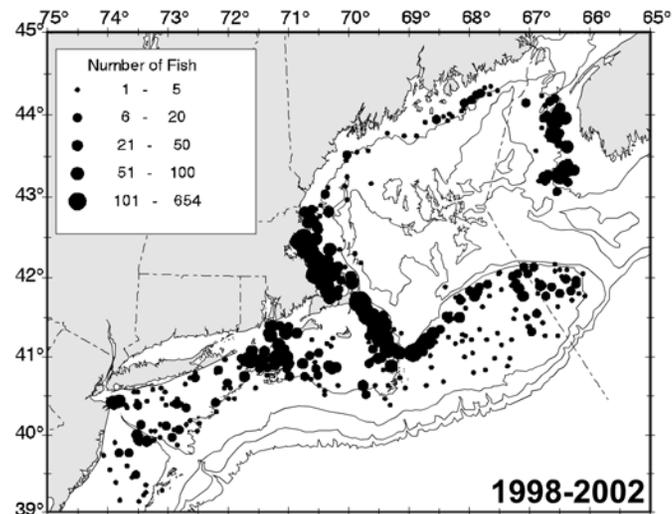
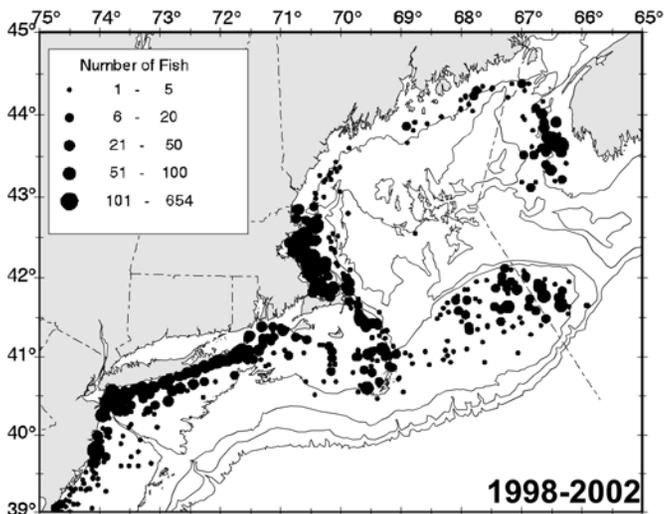
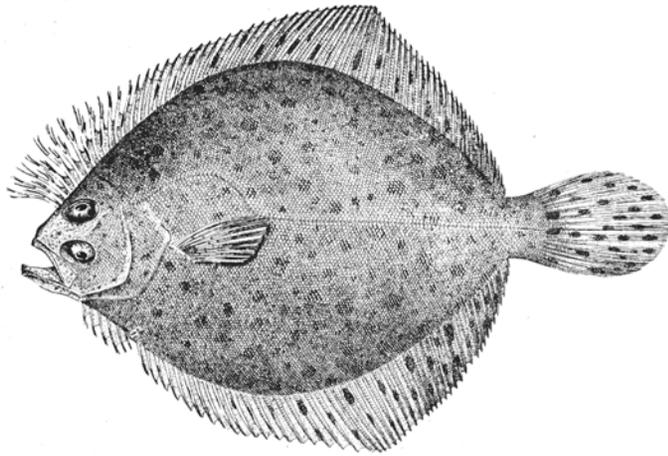
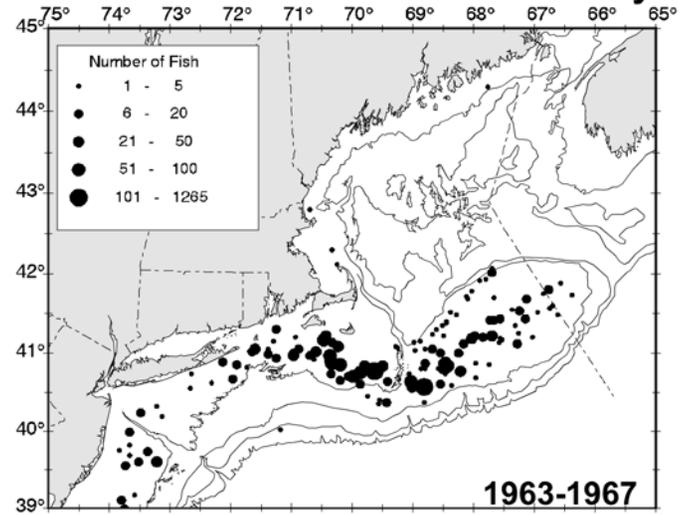


Figure C10d. Distribution of winter flounder in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Windowpane Flounder



## Autumn Surveys



94

## Spring Surveys

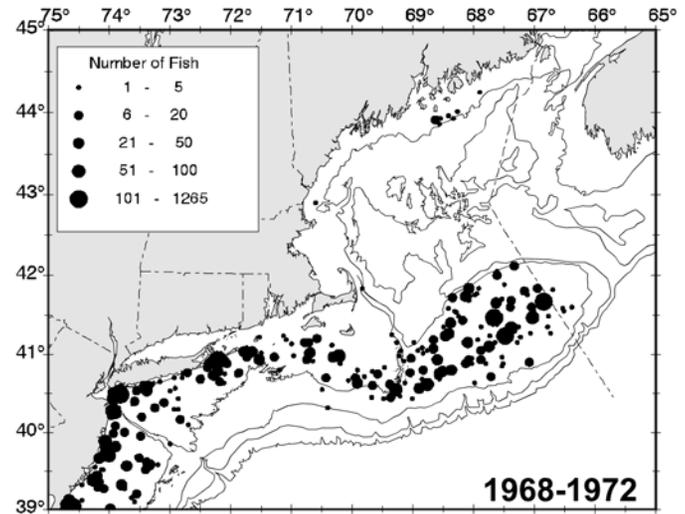
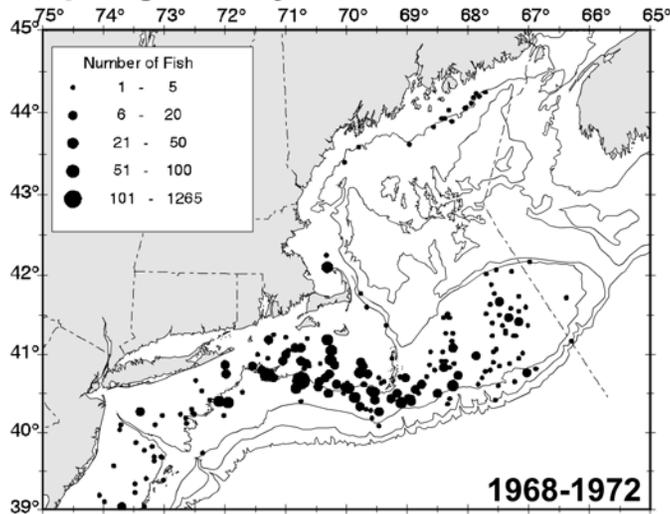


Figure C11a. Distribution of windowpane flounder in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

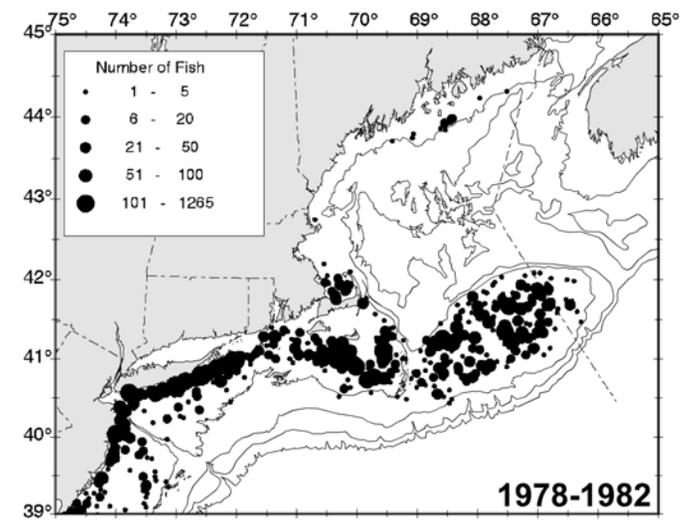
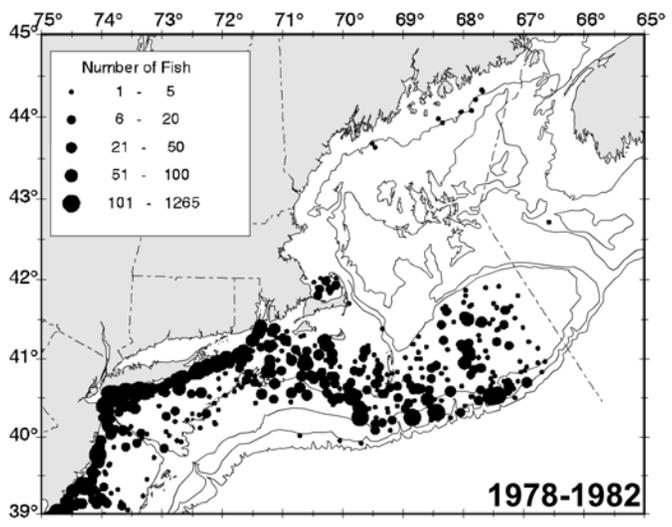
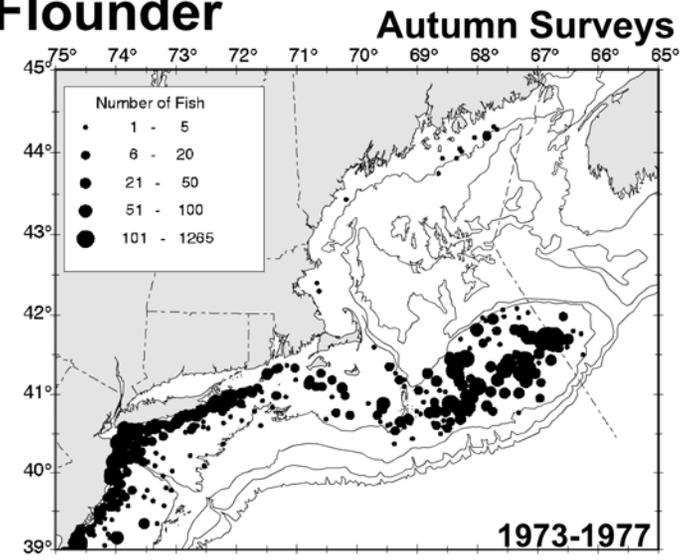
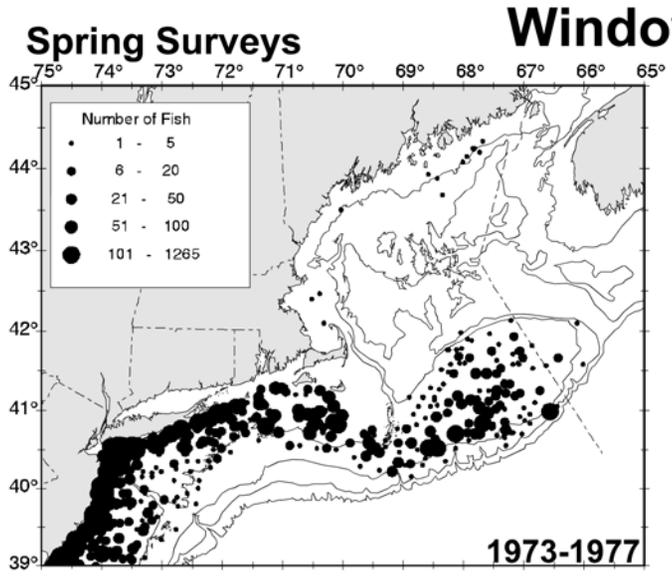


Figure C11b. Distribution of windowpane flounder in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

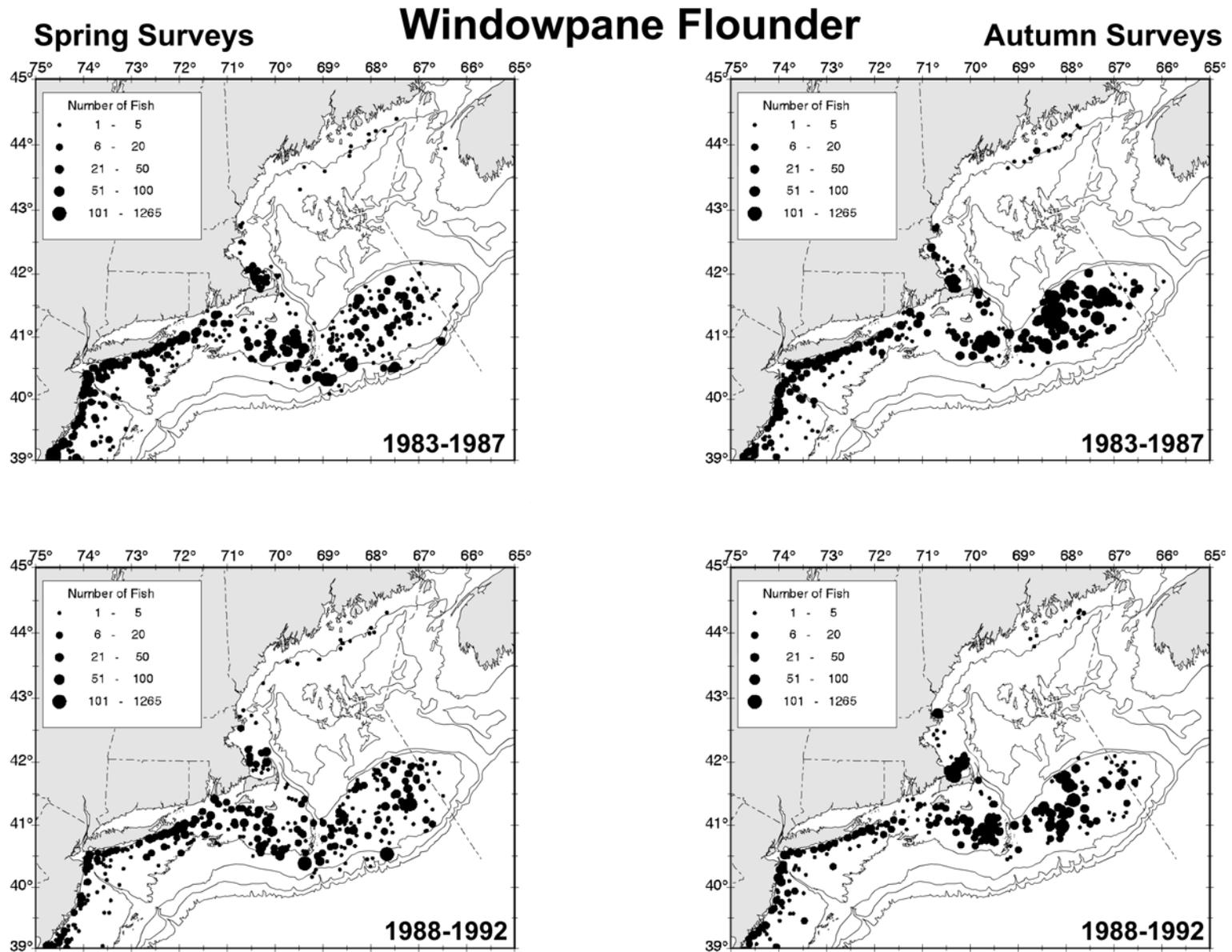


Figure C11c. Distribution of windowpane flounder in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

### Spring Surveys

# Windowpane Flounder

### Autumn Surveys

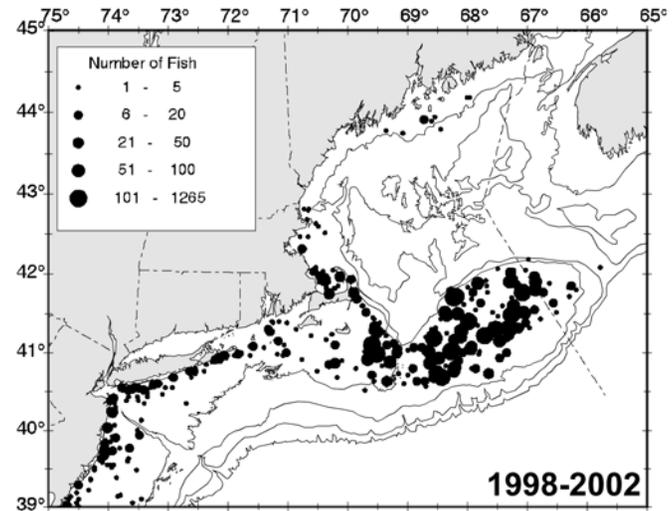
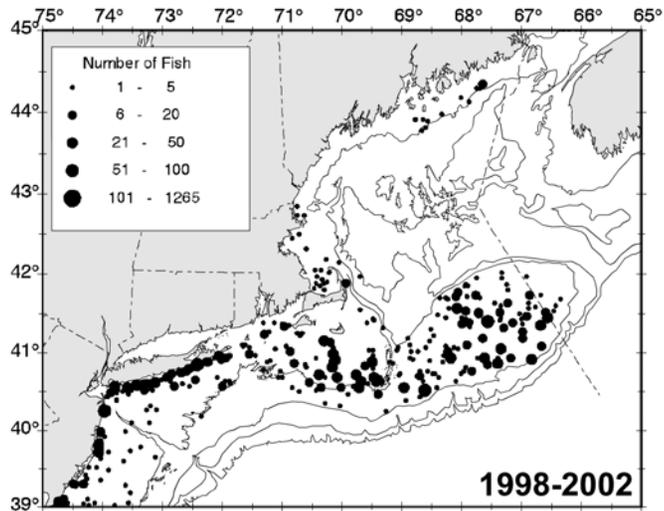
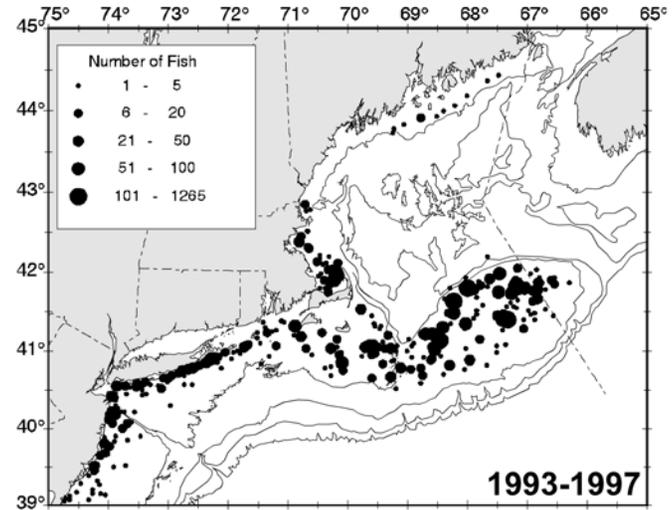
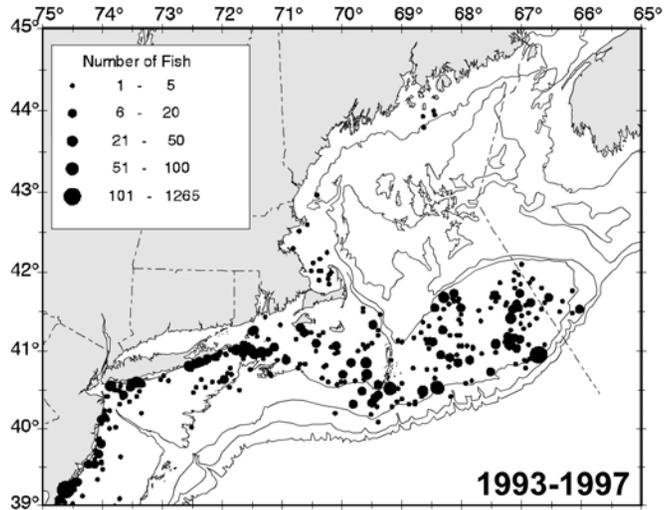
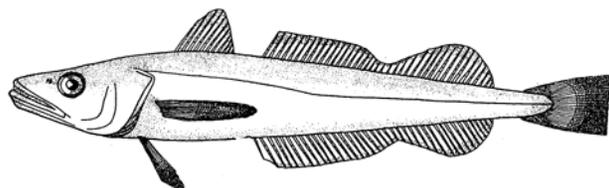
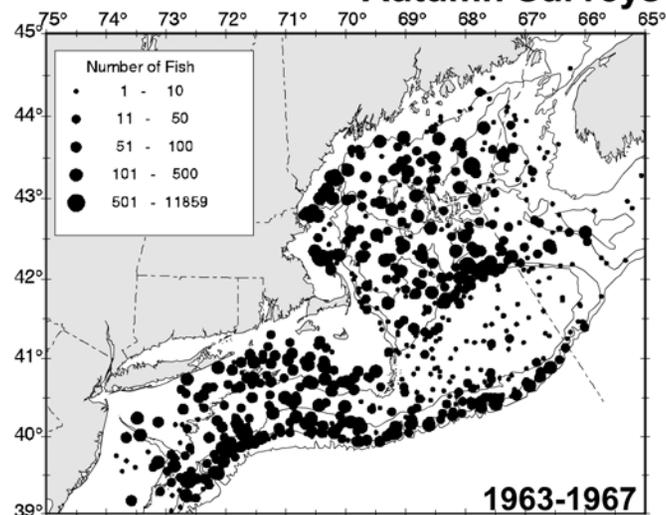


Figure C11d. Distribution of windowpane flounder in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Silver Hake



## Autumn Surveys



## Spring Surveys

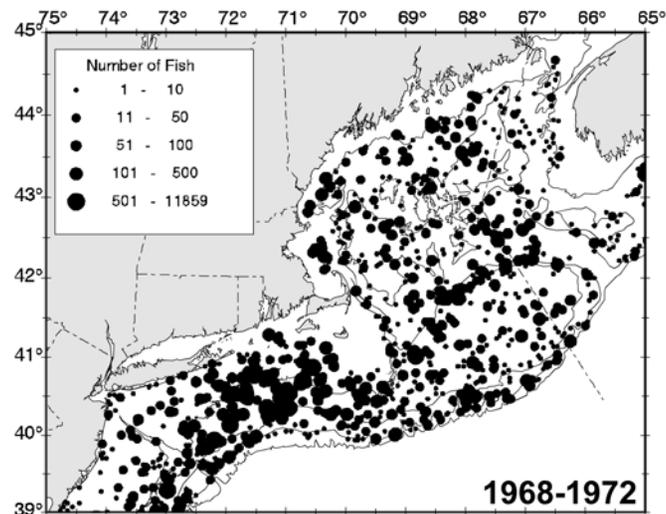
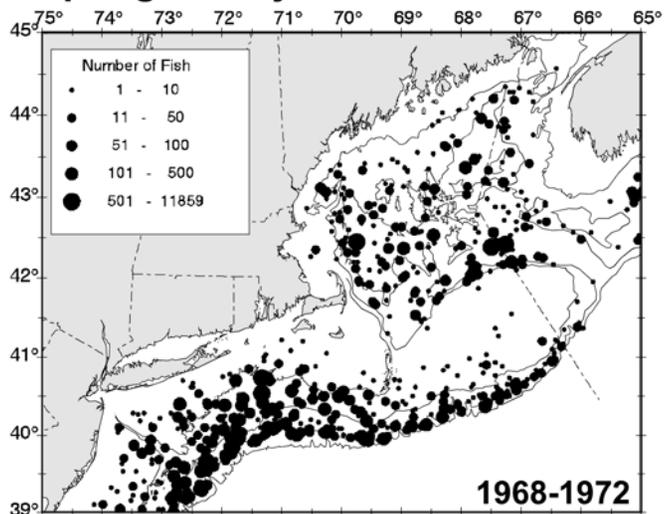
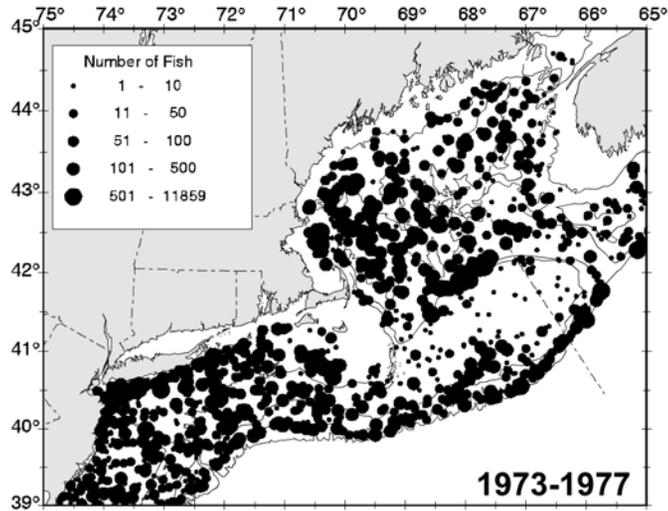


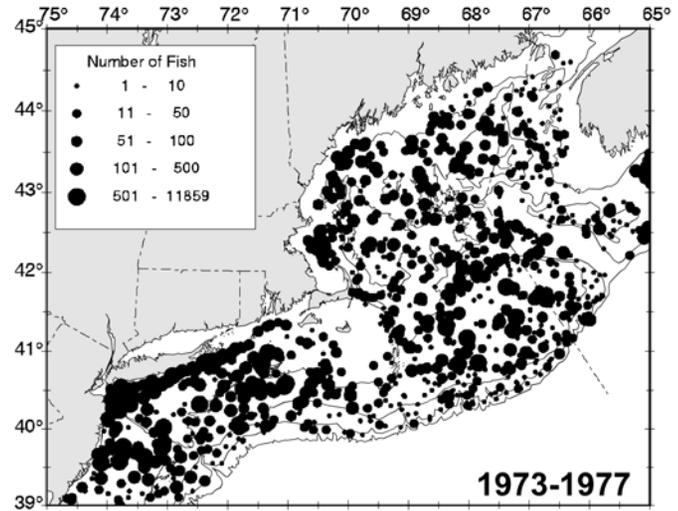
Figure C12a. Distribution of silver hake in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

### Spring Surveys



## Silver Hake

### Autumn Surveys



69

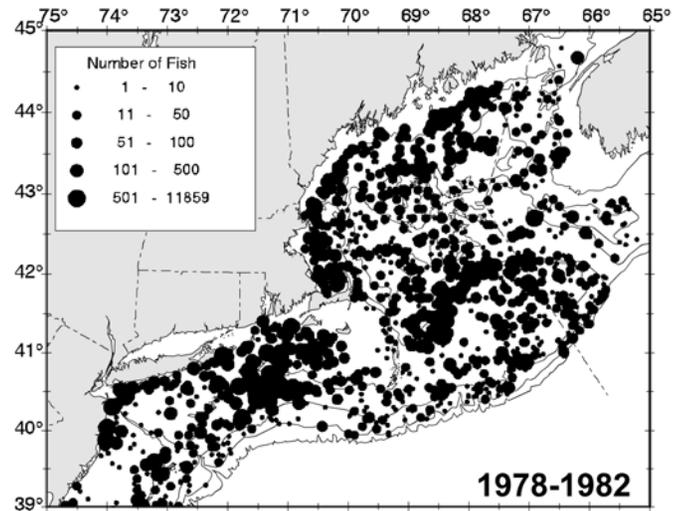
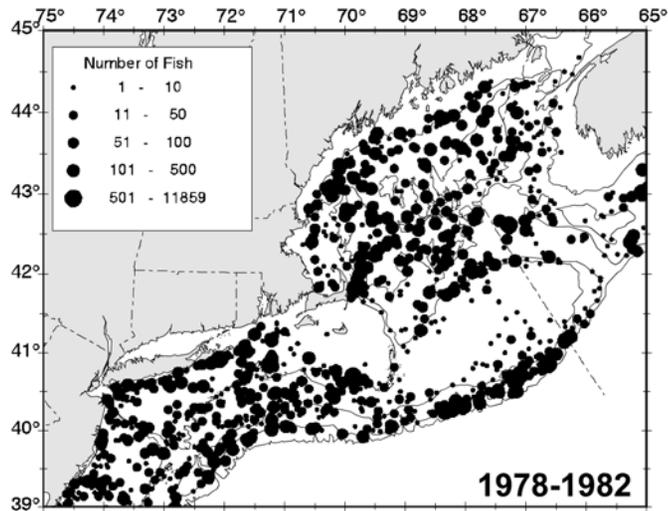


Figure C12b. Distribution of silver hake in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

# Silver Hake

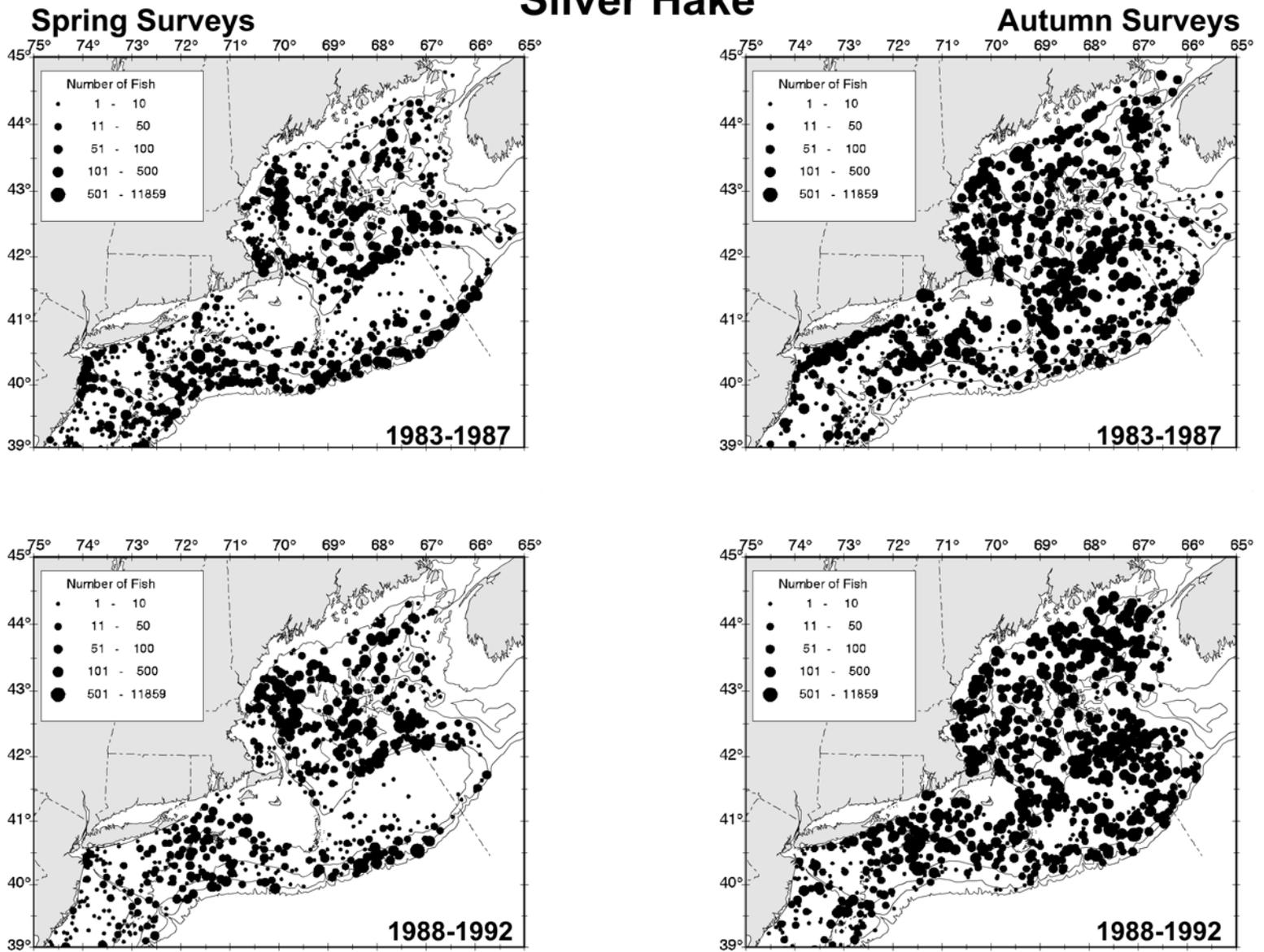
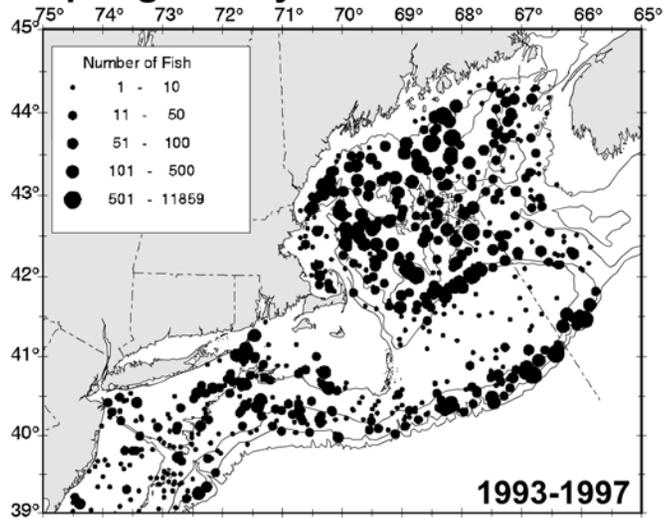


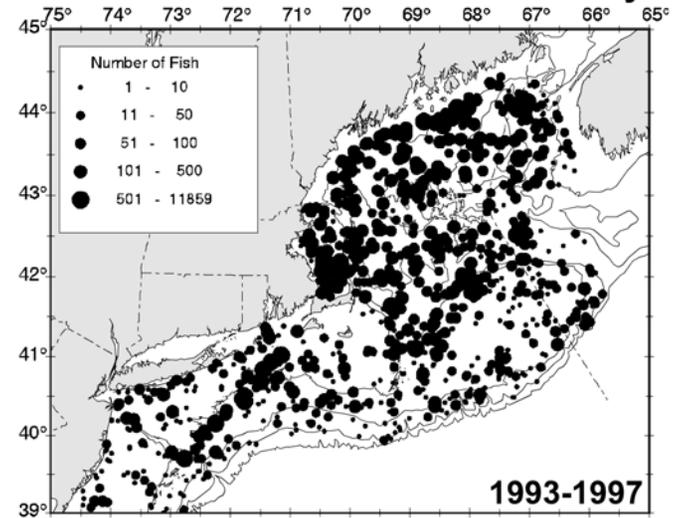
Figure C12c. Distribution of silver hake in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

### Spring Surveys



## Silver Hake

### Autumn Surveys



101

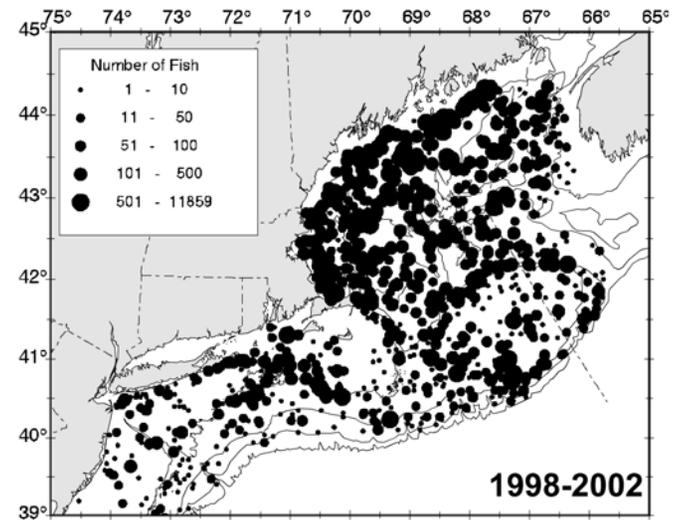
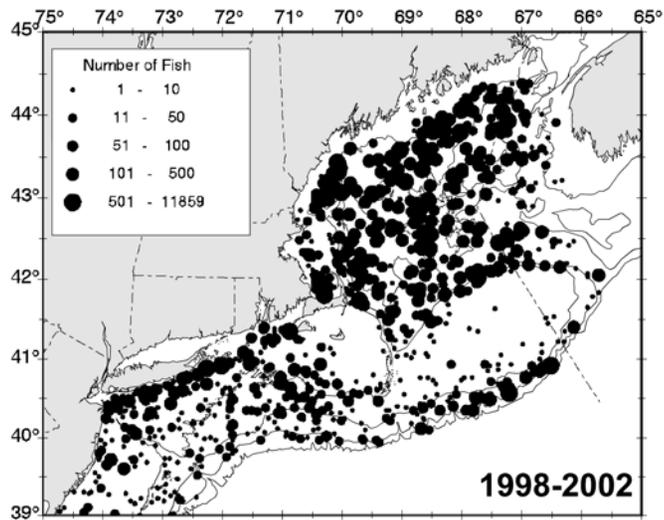
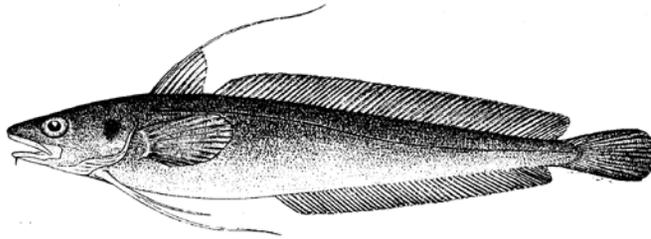
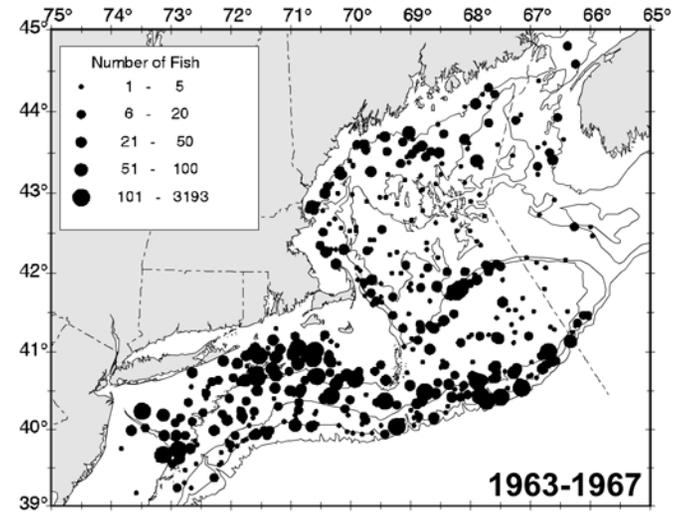


Figure C12d. Distribution of silver hake in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Red Hake



## Autumn Surveys



## Spring Surveys

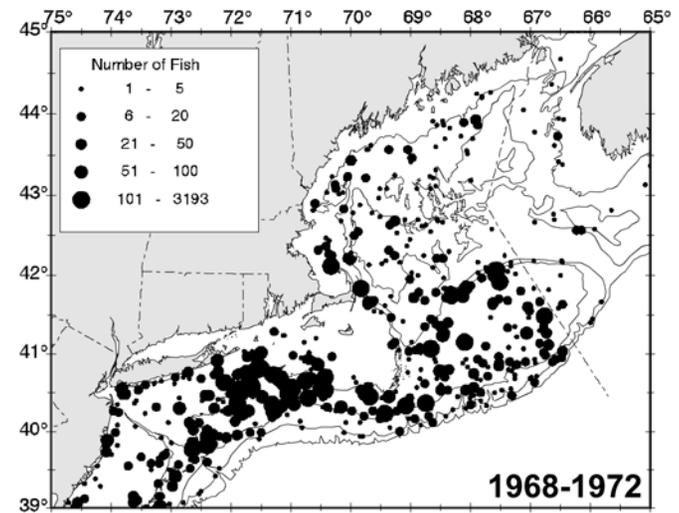
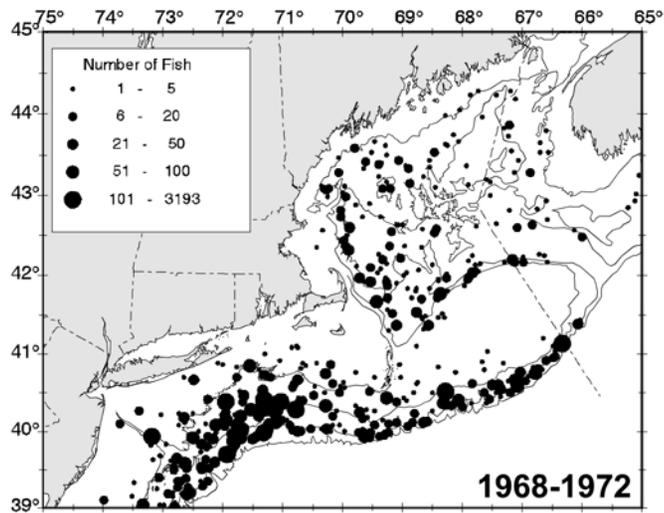


Figure C13a. Distribution of red hake in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

# Red Hake

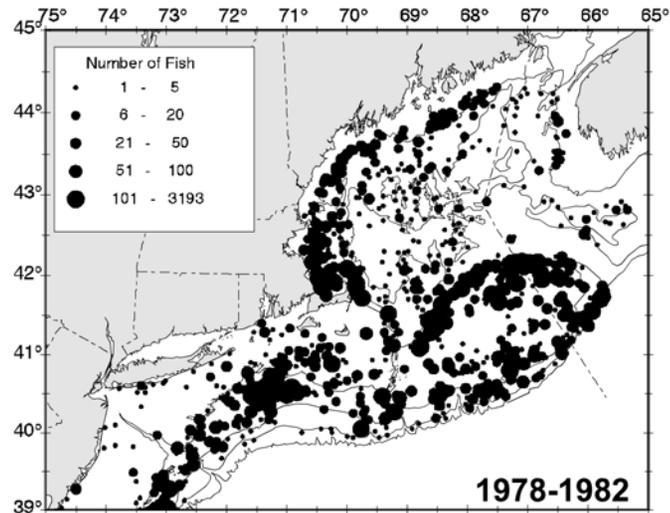
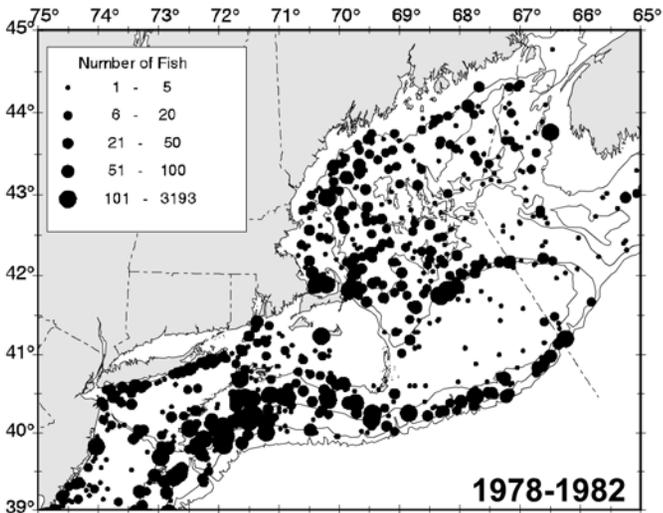
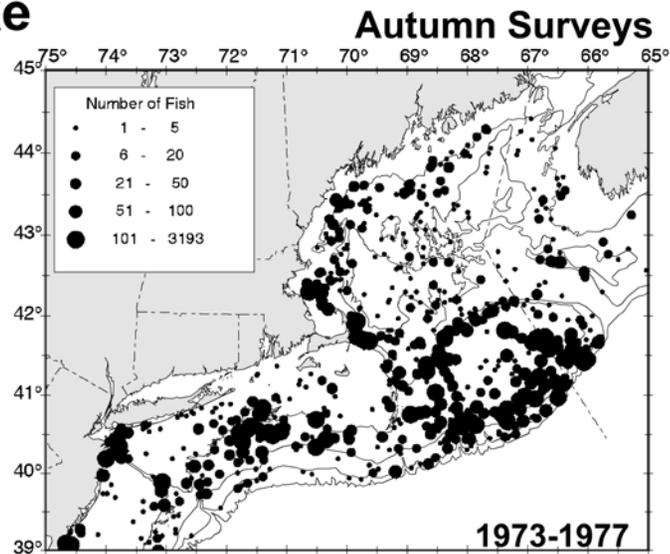
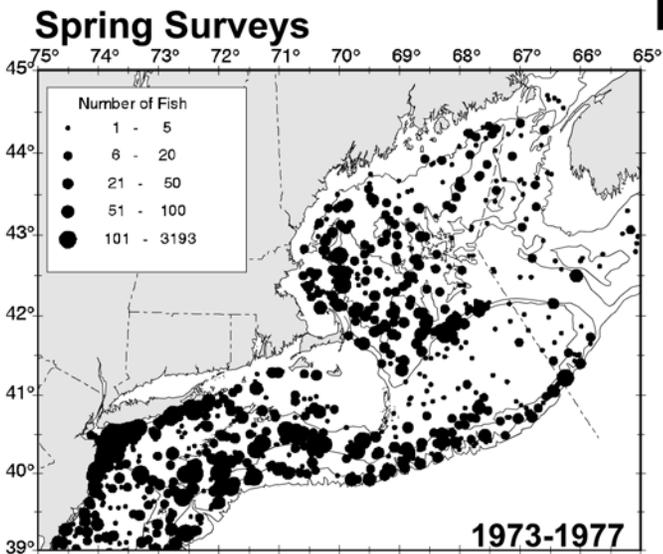


Figure C13b. Distribution of red hake in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

# Red Hake

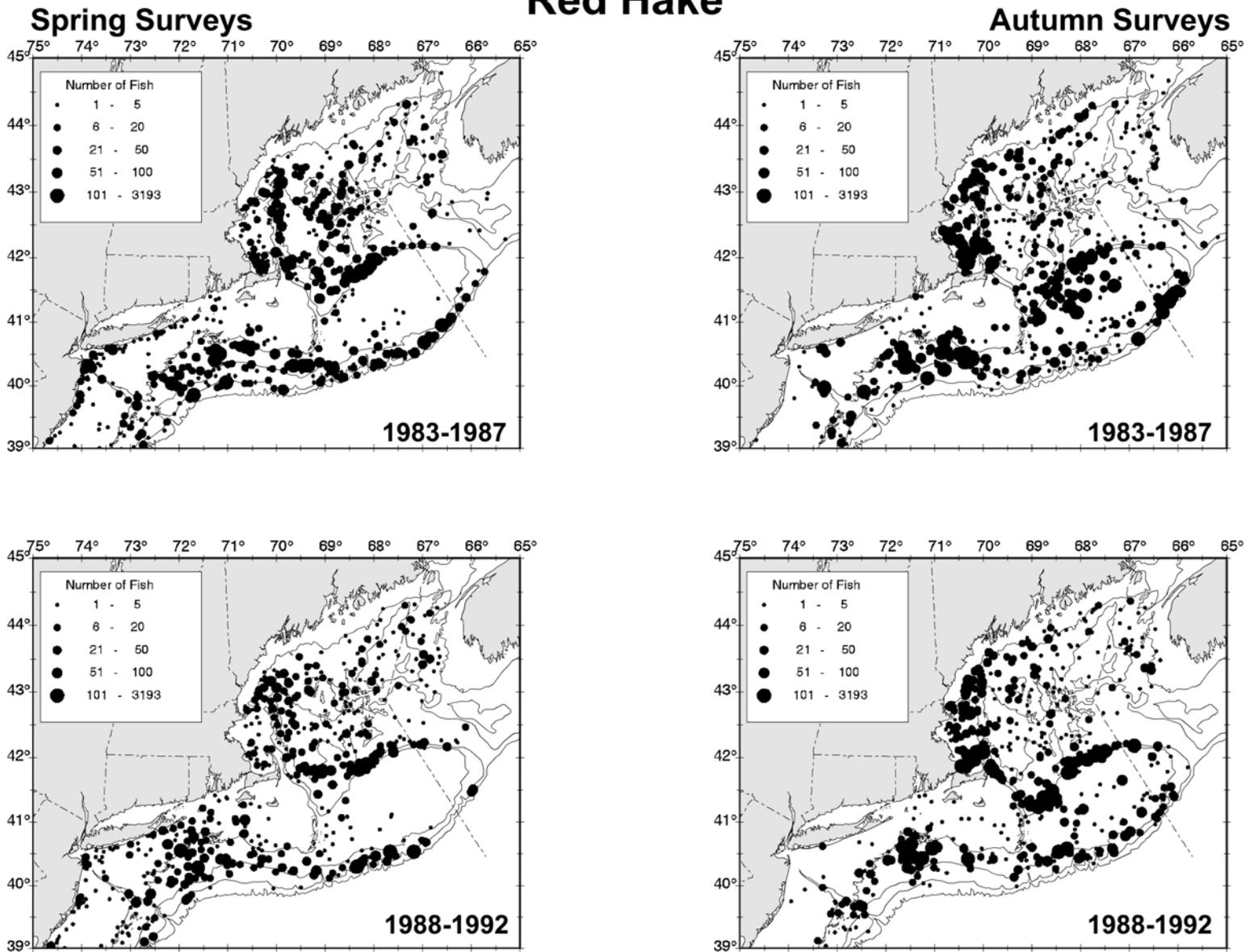


Figure C13c. Distribution of red hake in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

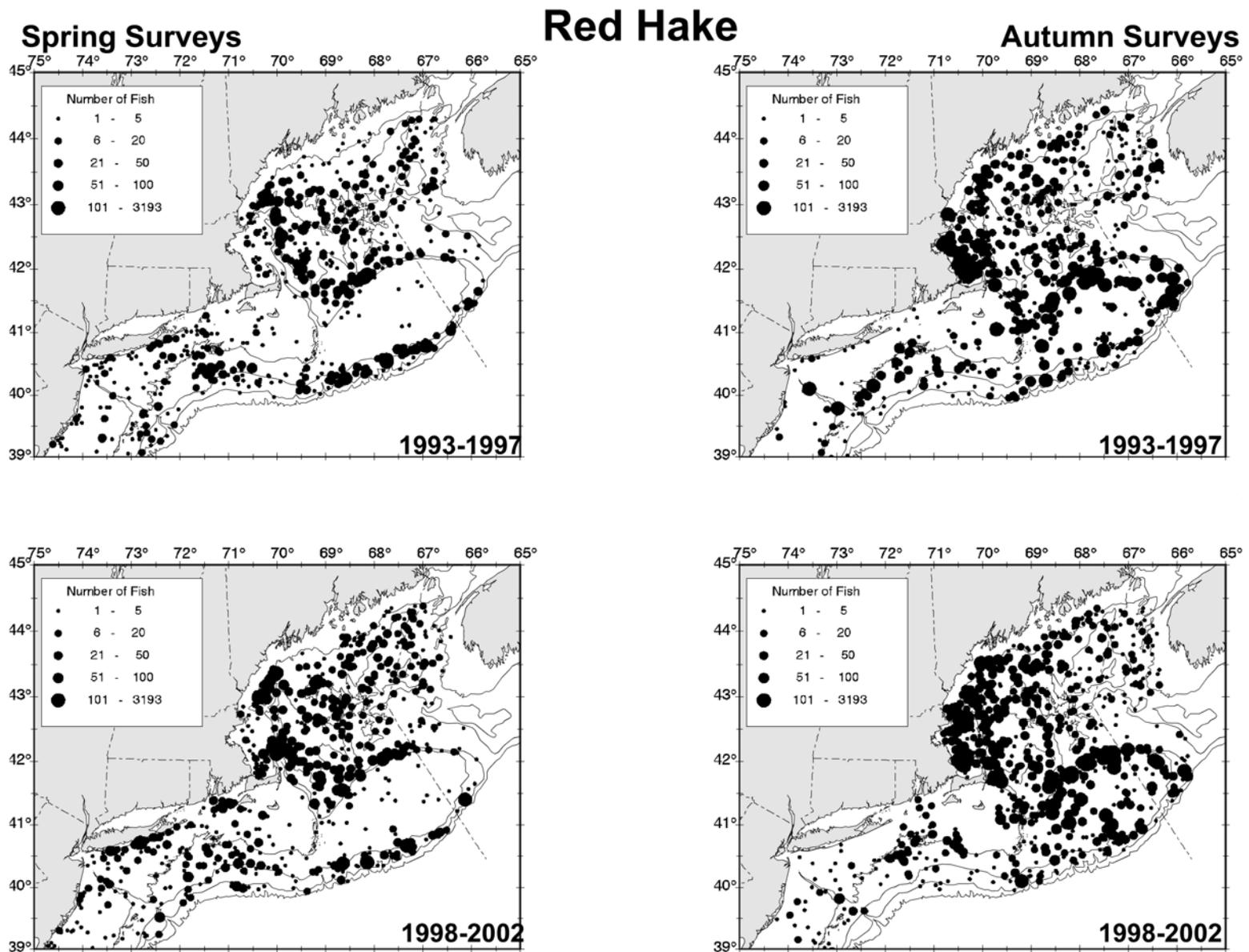
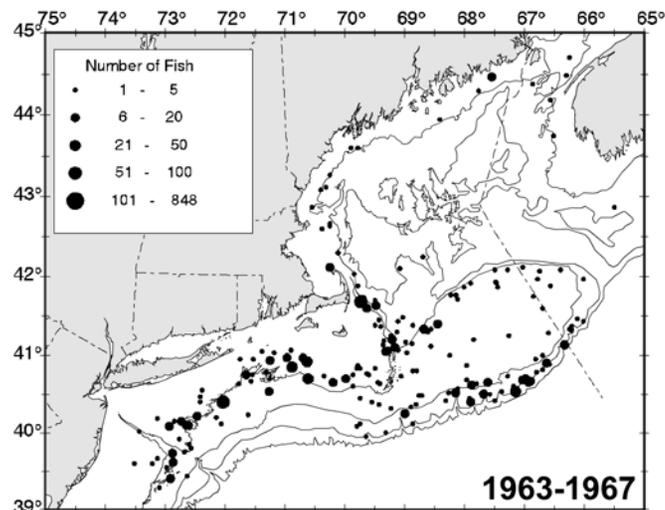


Figure C13d. Distribution of red hake in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Ocean Pout



## Autumn Surveys



106

## Spring Surveys

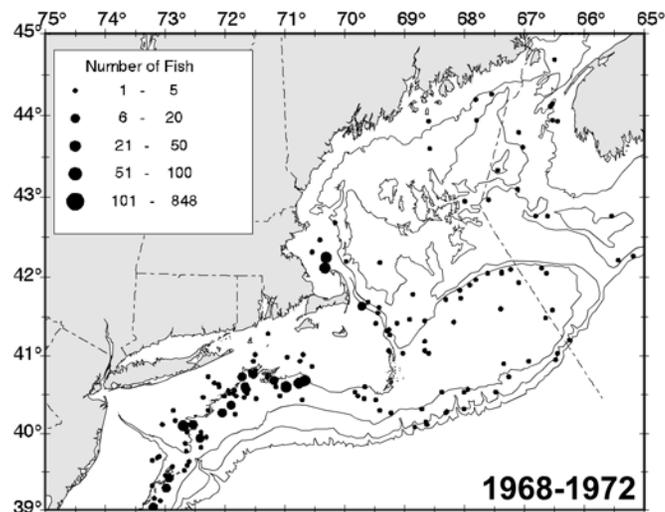
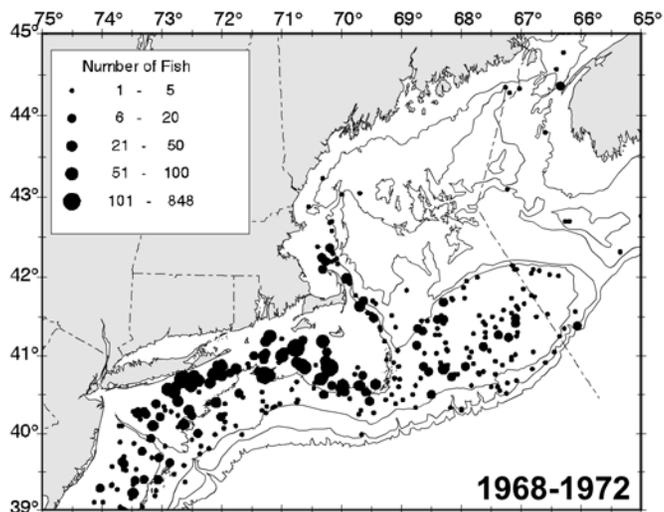
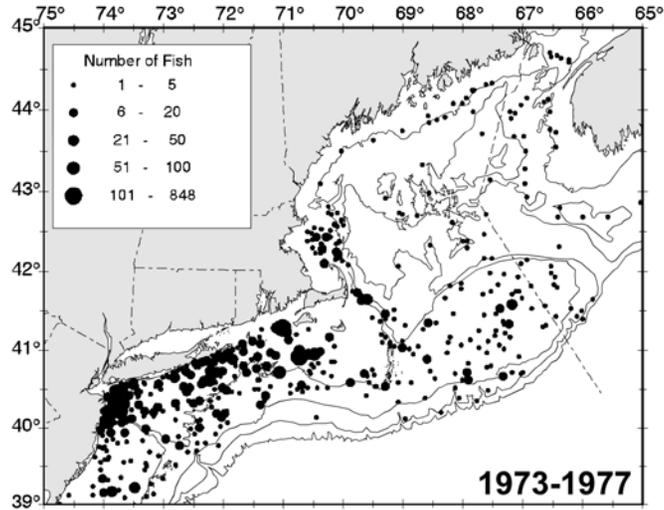


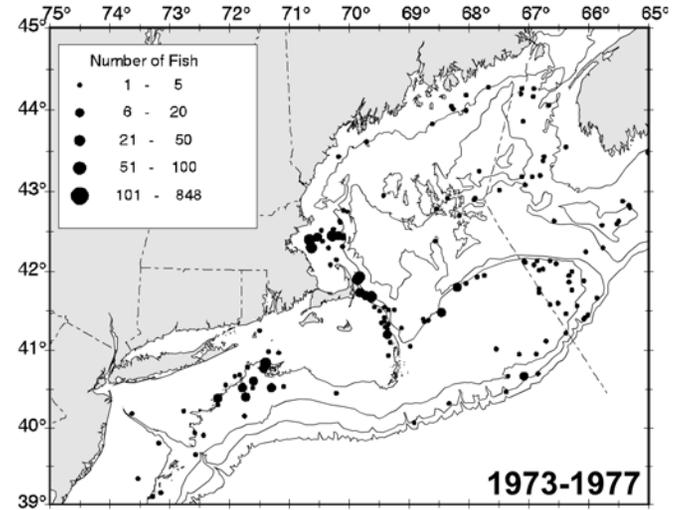
Figure C14a. Distribution of ocean pout in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

### Spring Surveys



## Ocean Pout

### Autumn Surveys



107

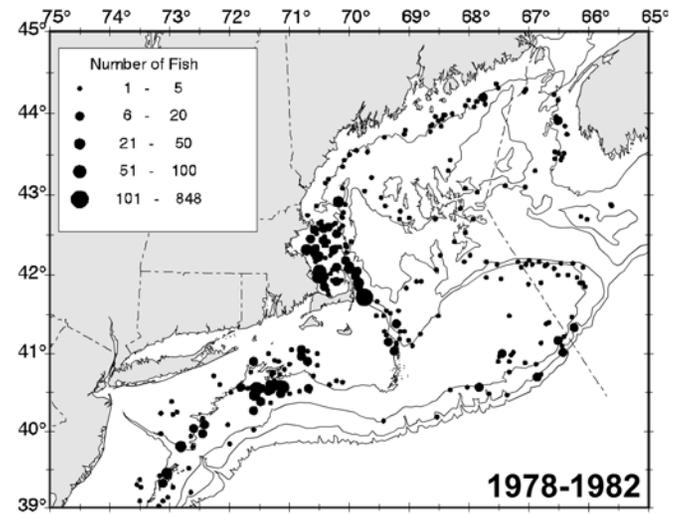
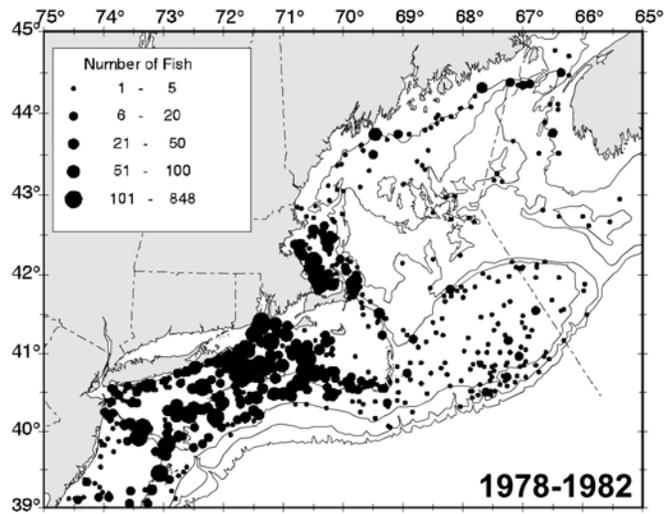


Figure C14b. Distribution of ocean pout in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

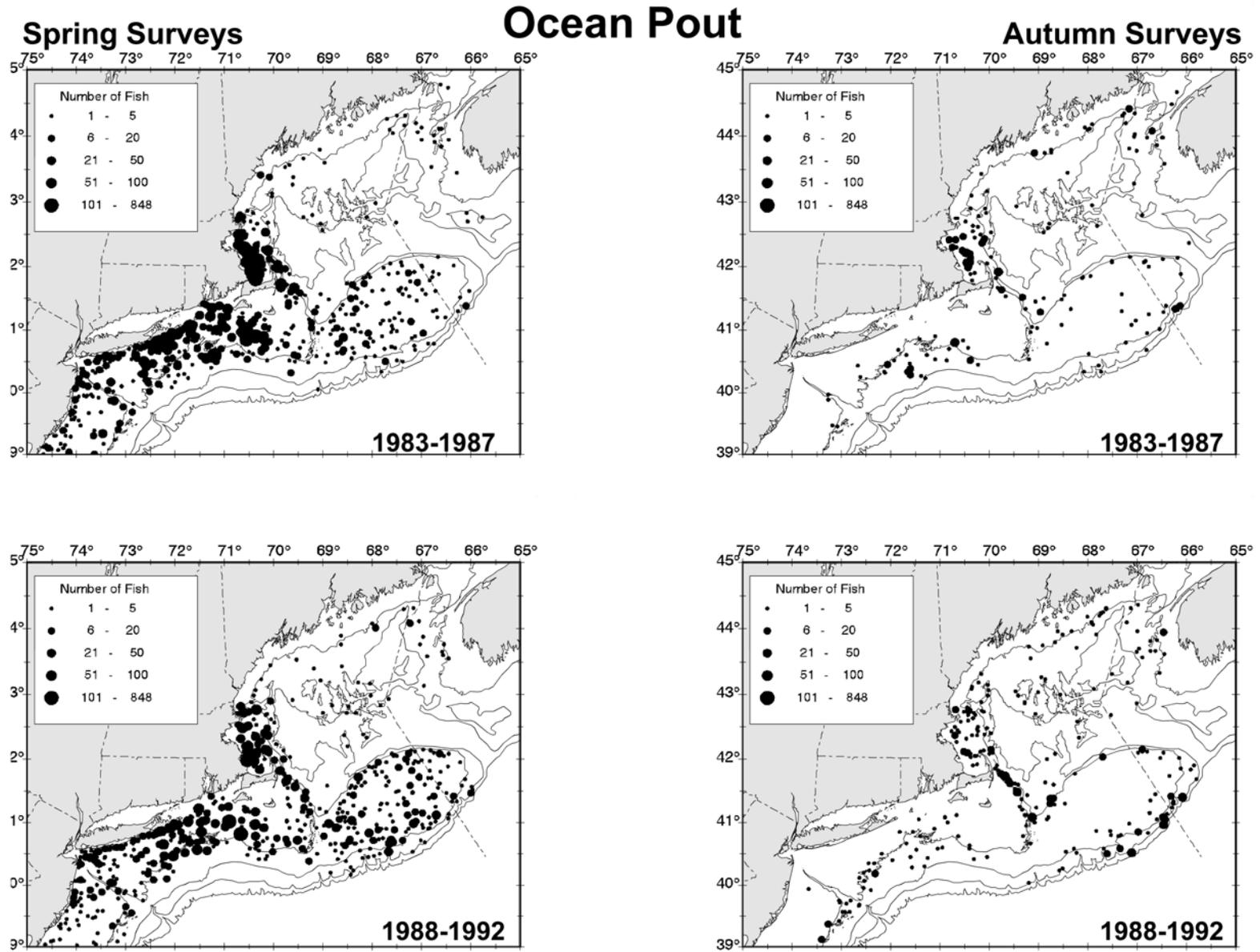


Figure C14c. Distribution of ocean pout in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

# Ocean Pout

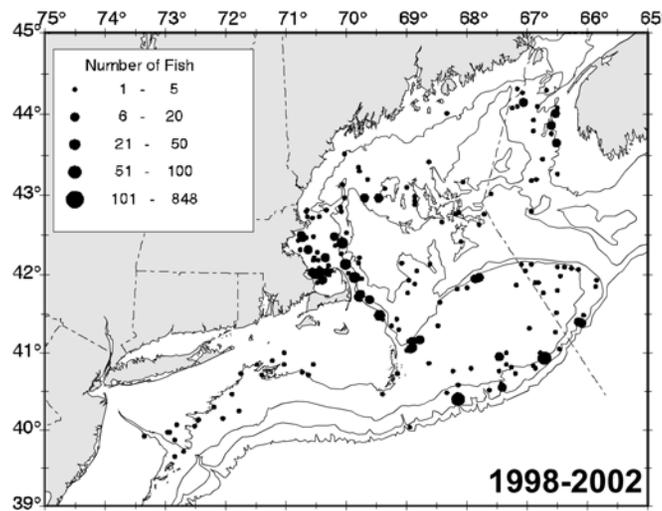
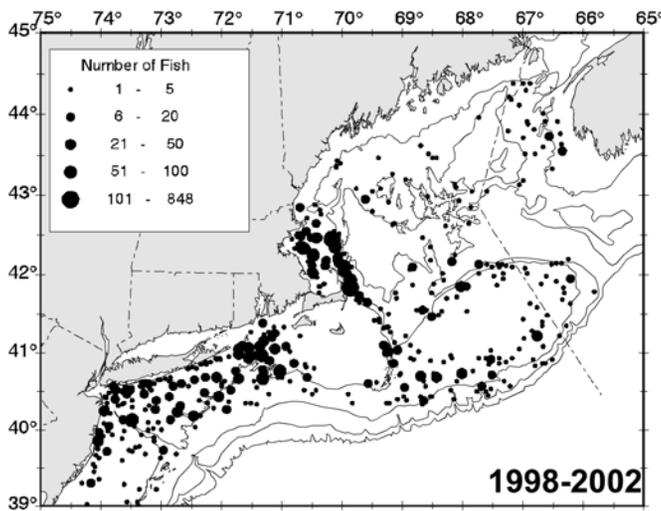
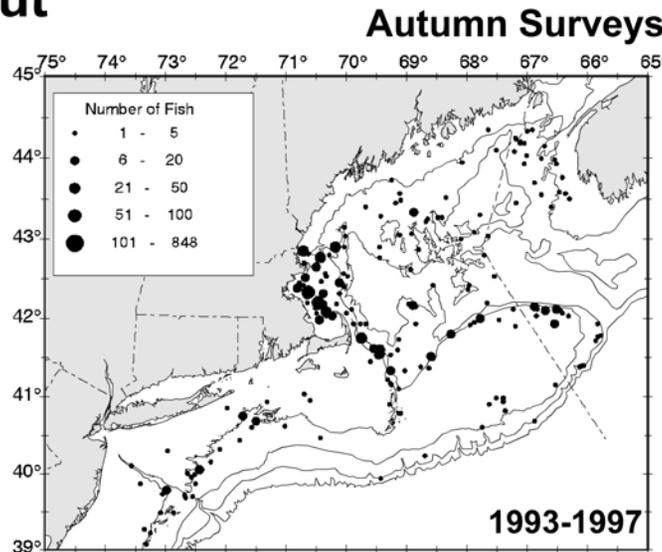
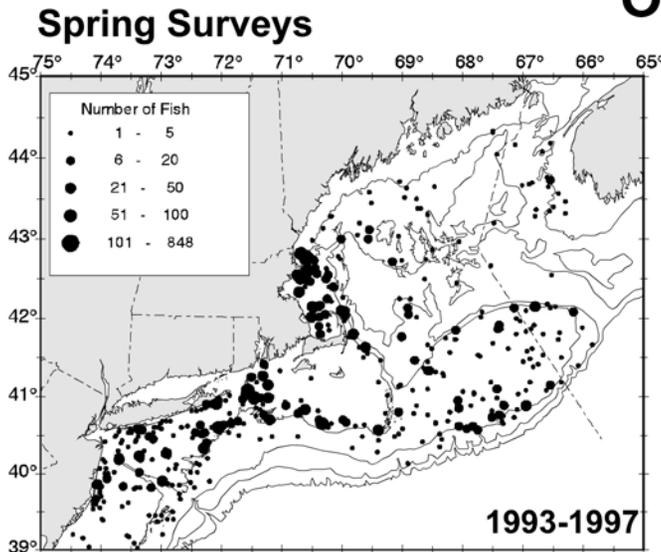
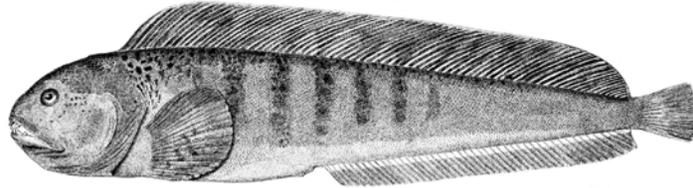
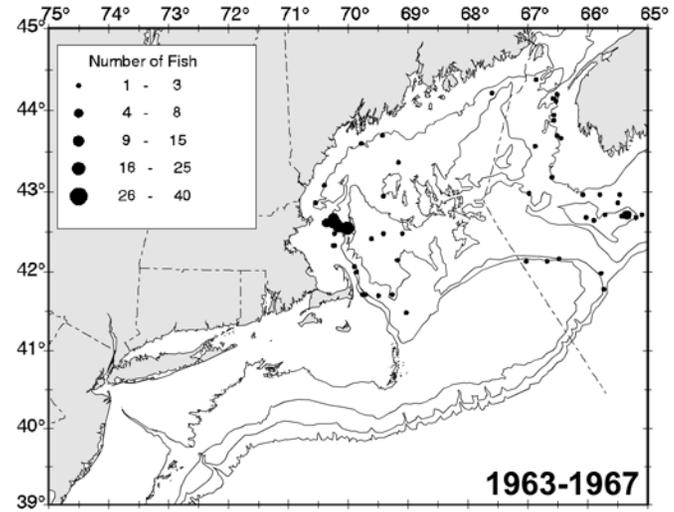


Figure C14d. Distribution of ocean pout in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Atlantic Wolffish



## Autumn Surveys



## Spring Surveys

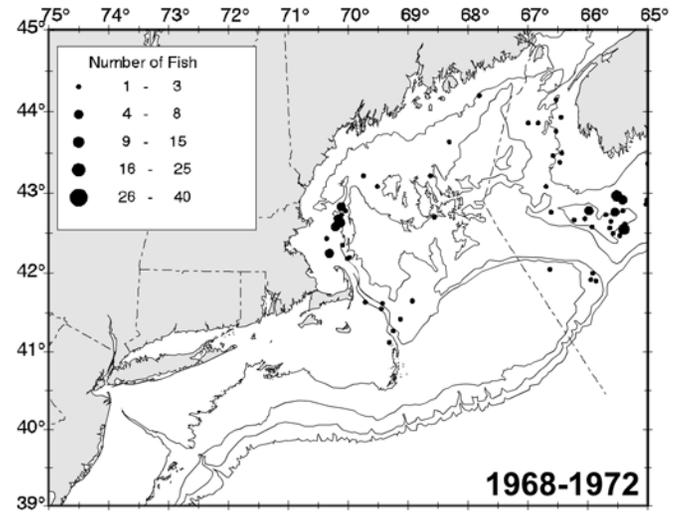
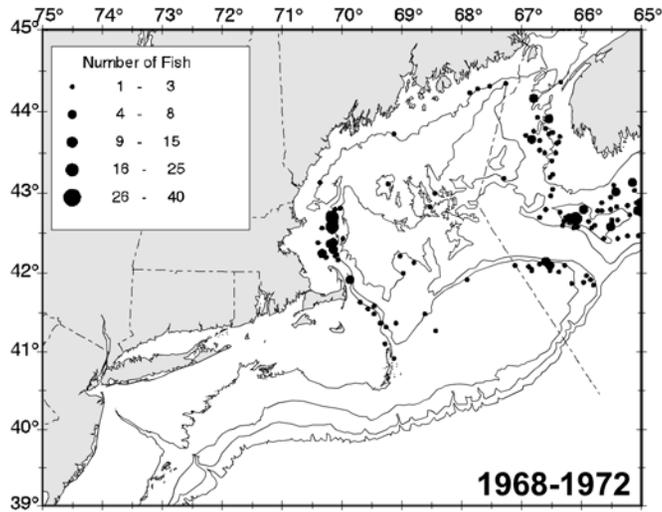
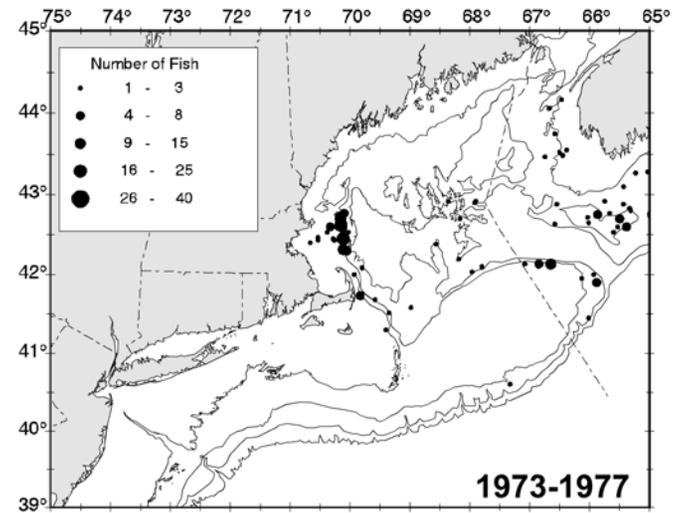
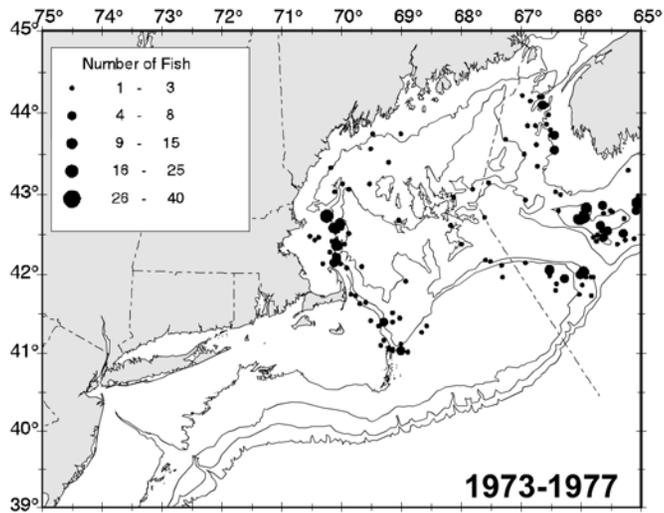


Figure C15a. Distribution of Atlantic wolffish in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

### Spring Surveys

## Atlantic Wolffish

### Autumn Surveys



111

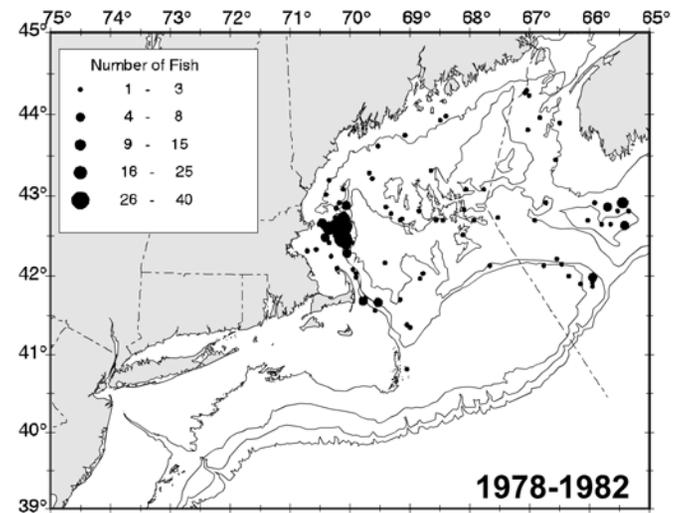
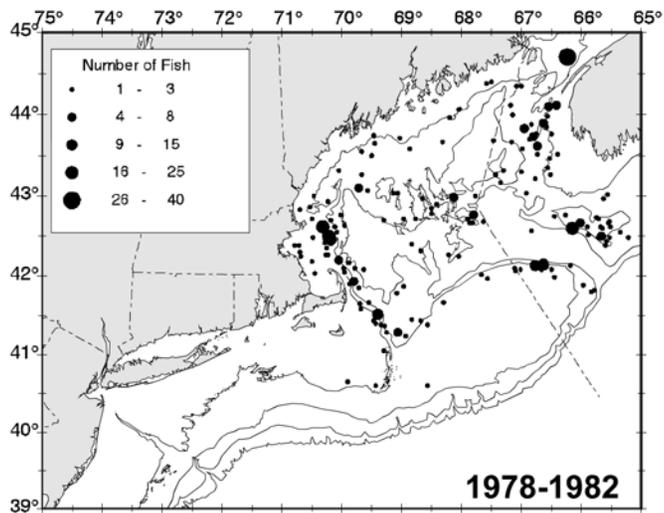
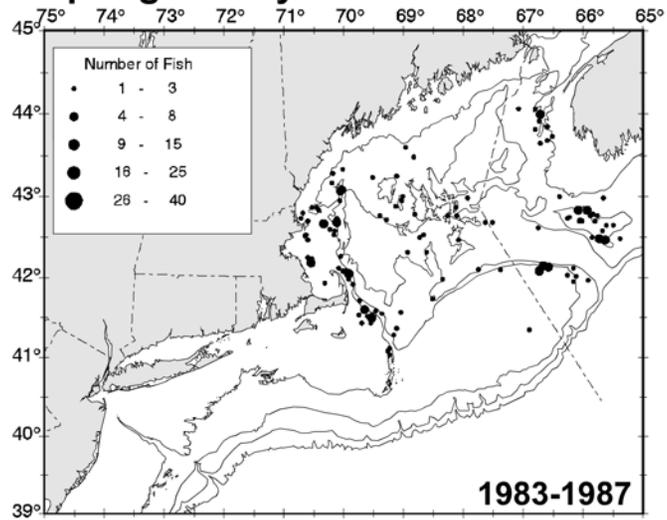
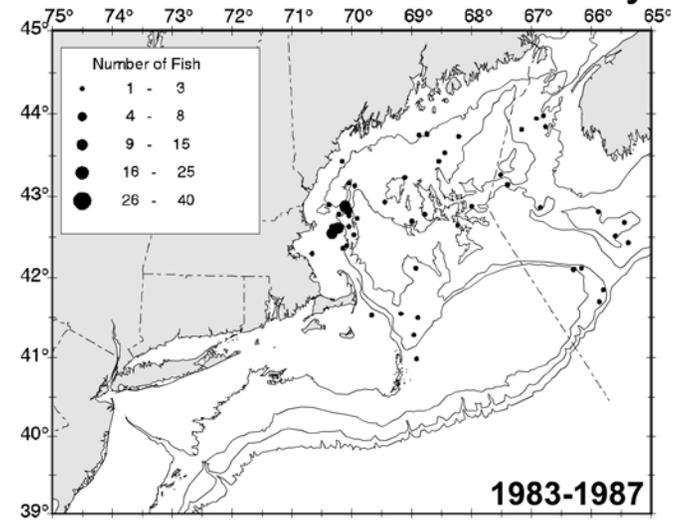


Figure C15b. Distribution of Atlantic wolffish in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

# Spring Surveys Atlantic Wolffish



# Autumn Surveys Atlantic Wolffish



112

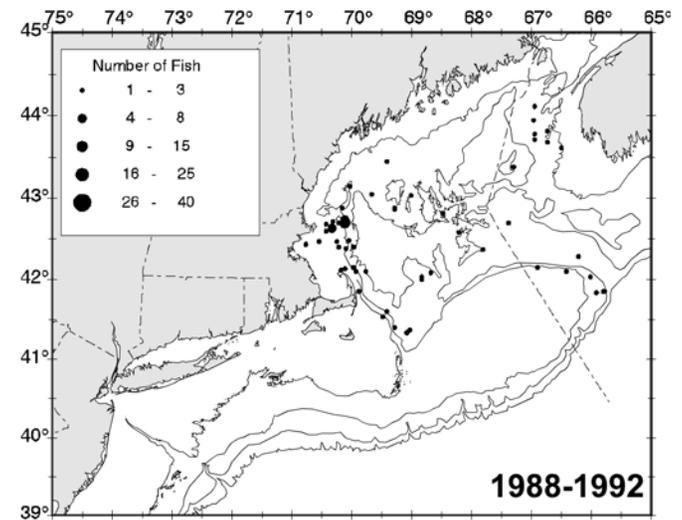
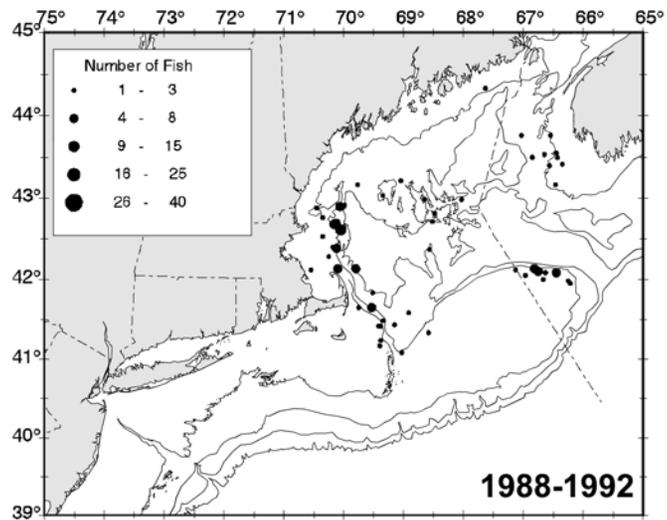


Figure C15c. Distribution of Atlantic wolffish in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

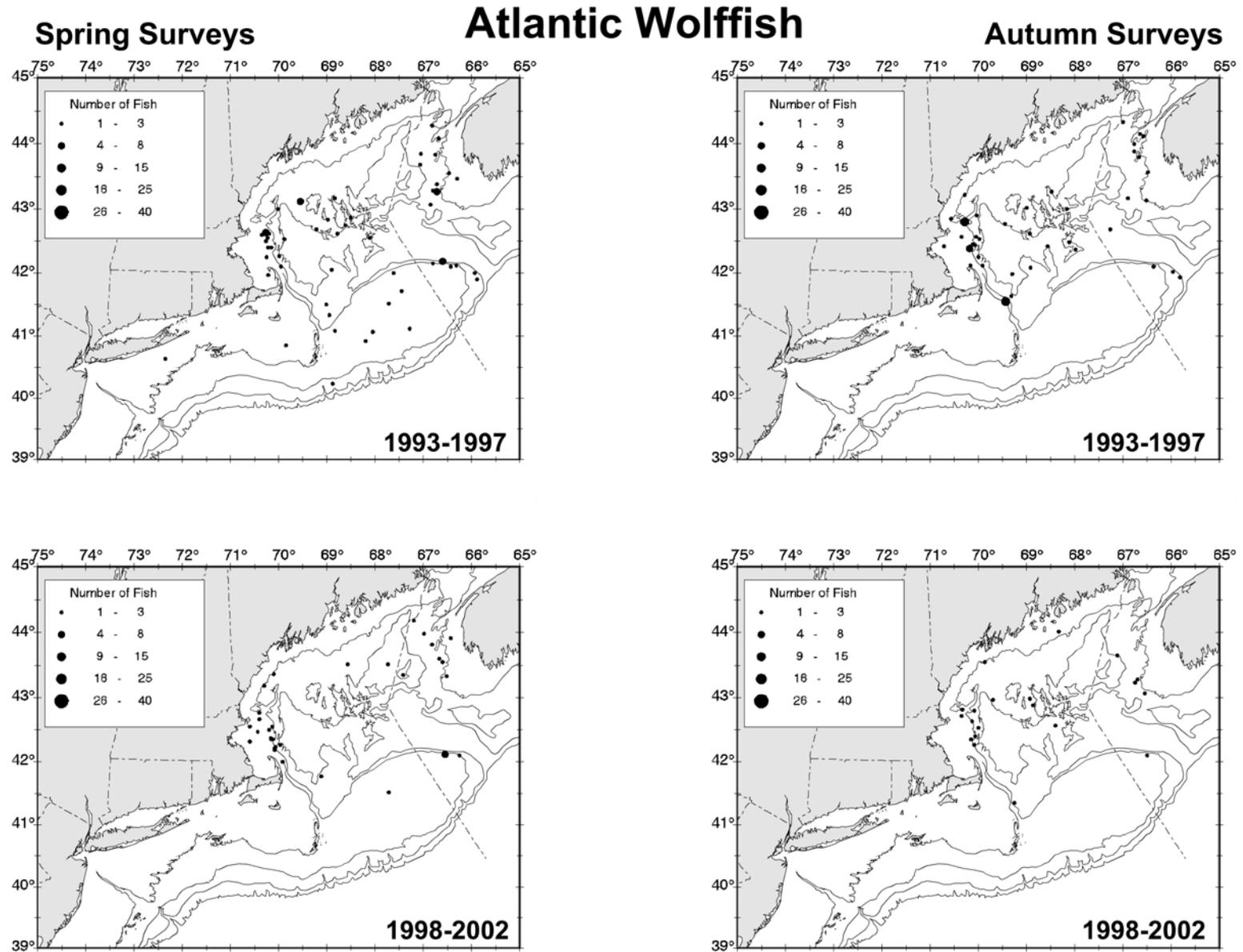
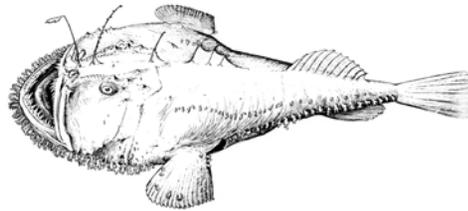
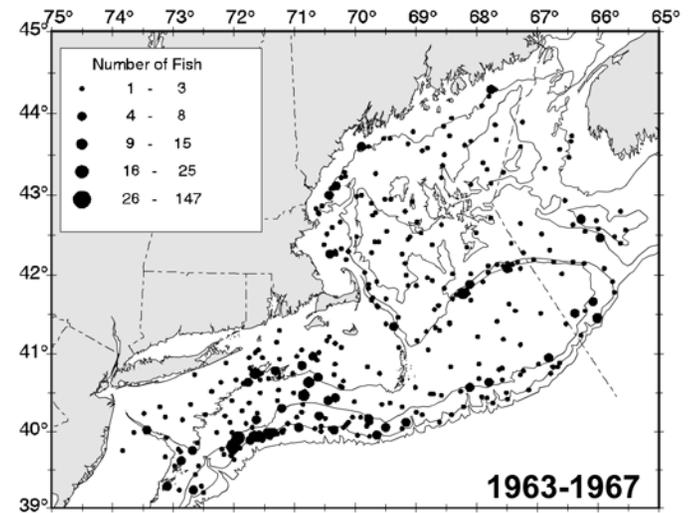


Figure C15d. Distribution of Atlantic wolffish in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Goosefish



## Autumn Surveys



114

## Spring Surveys

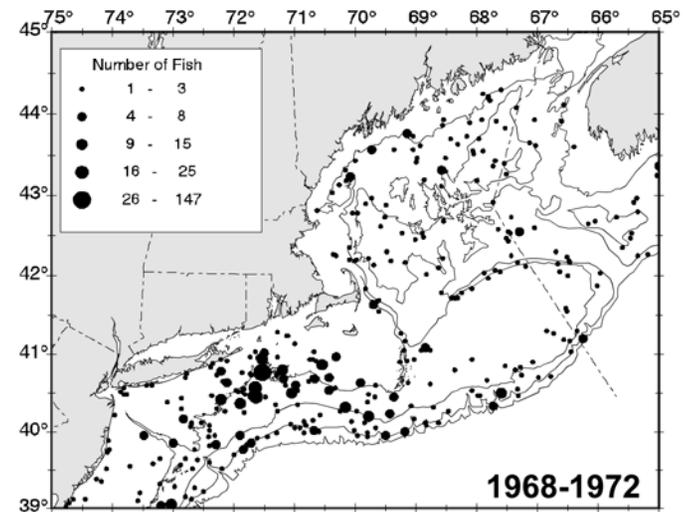
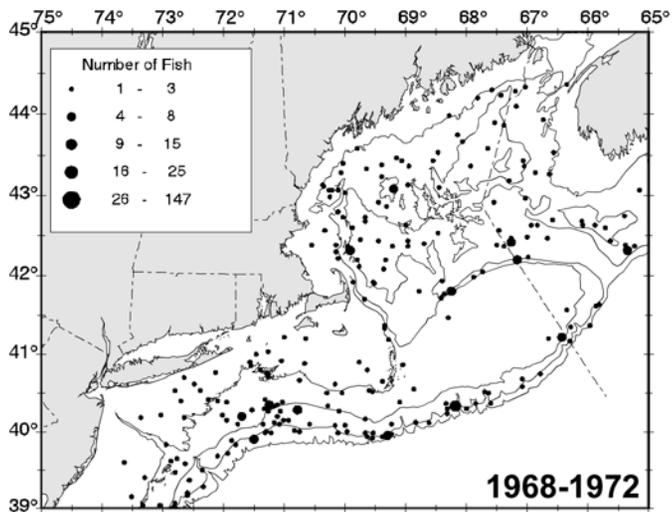


Figure C16a. Distribution of goosefish in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

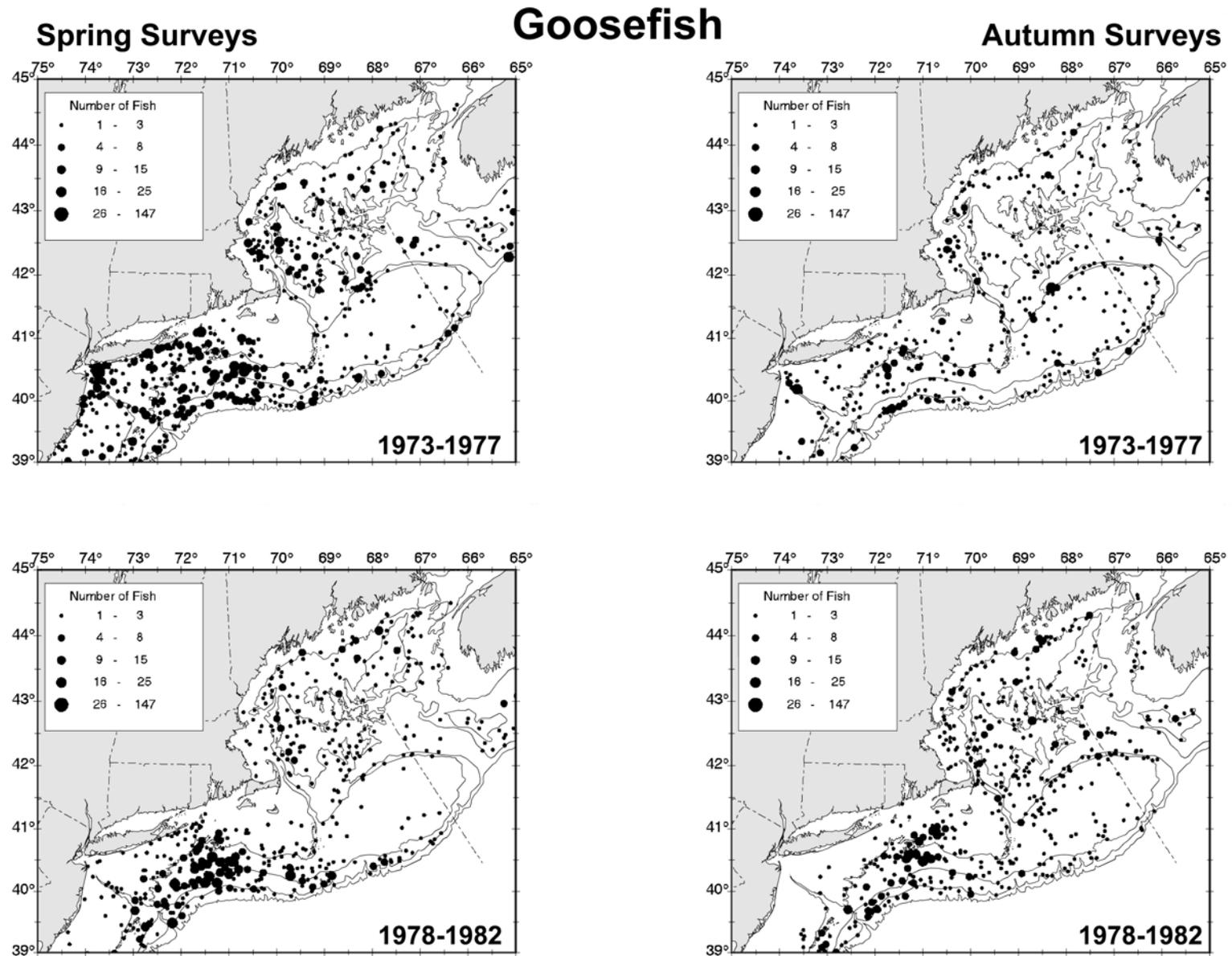


Figure C16b. Distribution of goosefish in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

# Goosefish

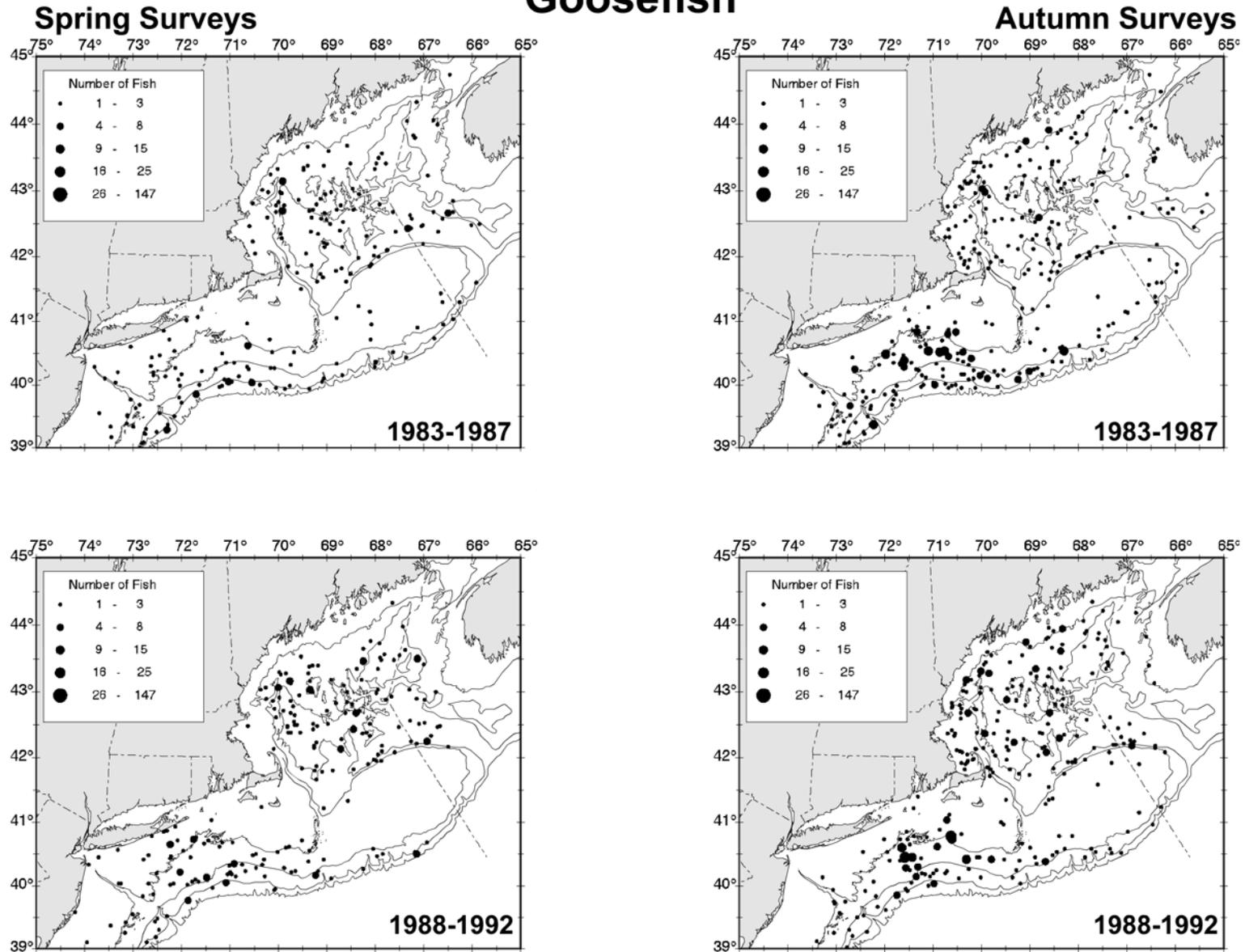
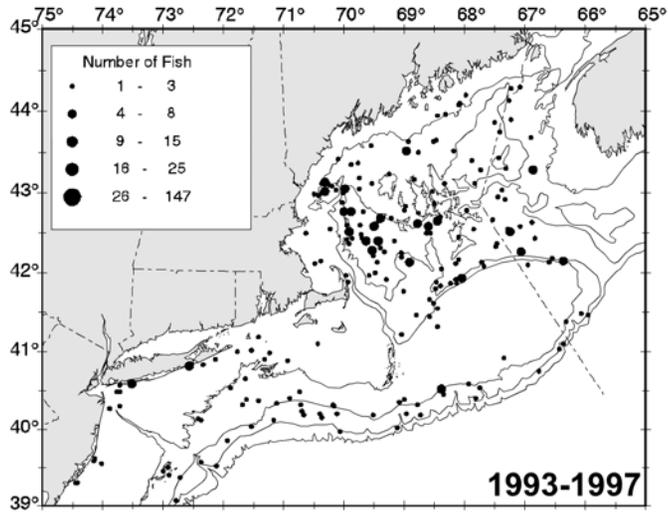


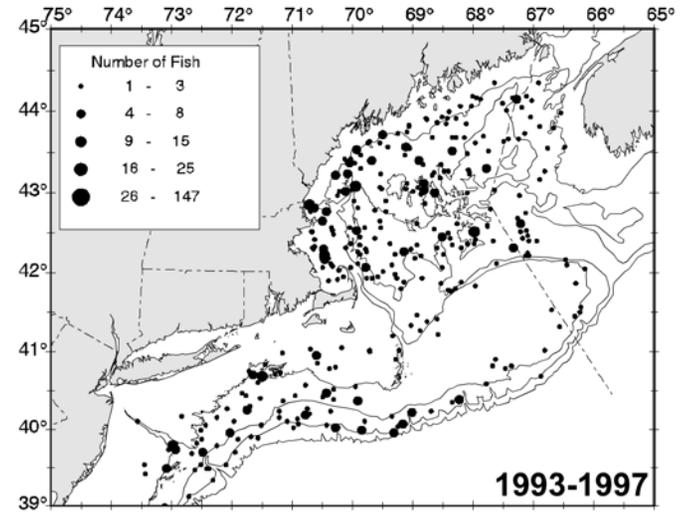
Figure C16c. Distribution of goosefish in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

### Spring Surveys



## Goosefish

### Autumn Surveys



117

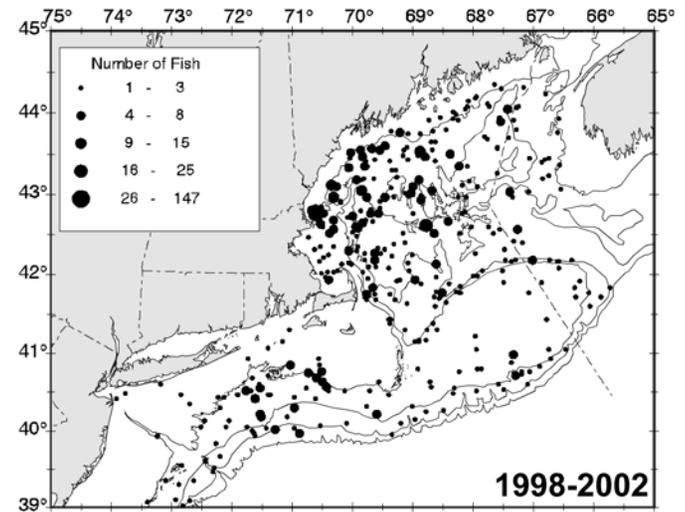
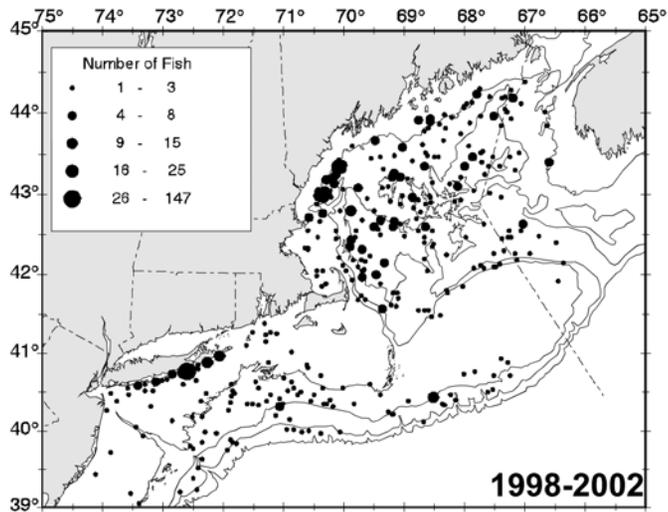
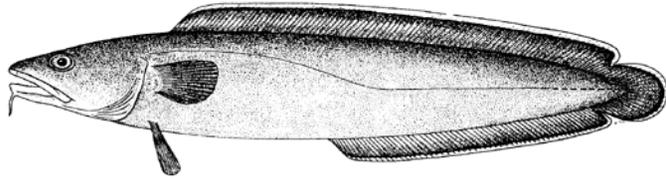
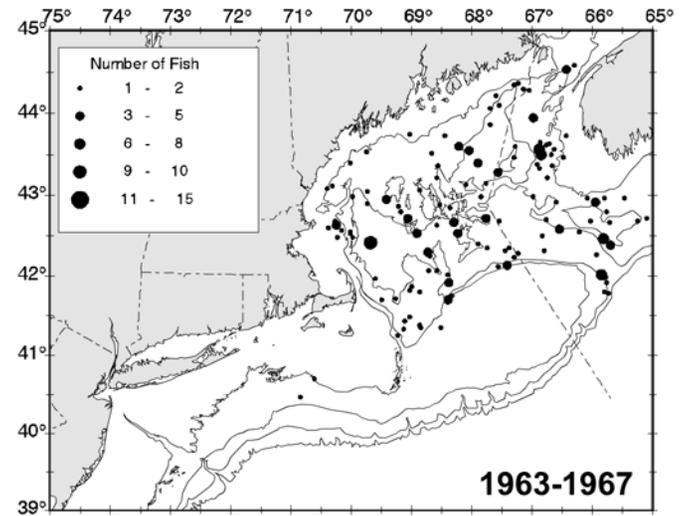


Figure C16d. Distribution of goosefish in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Cusk



## Autumn Surveys



## Spring Surveys

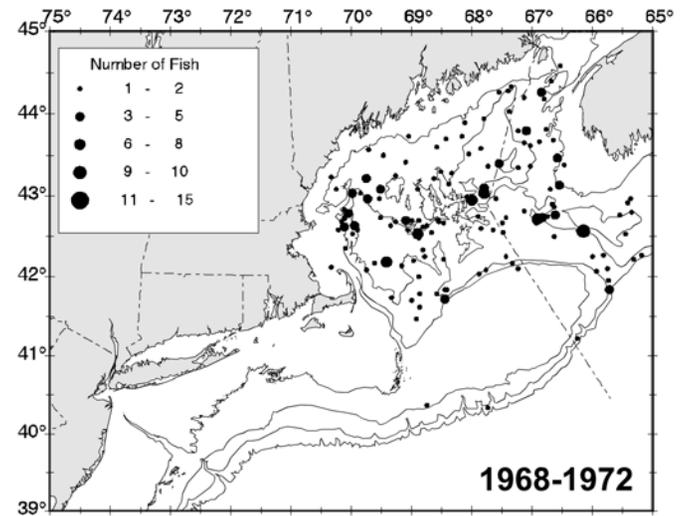
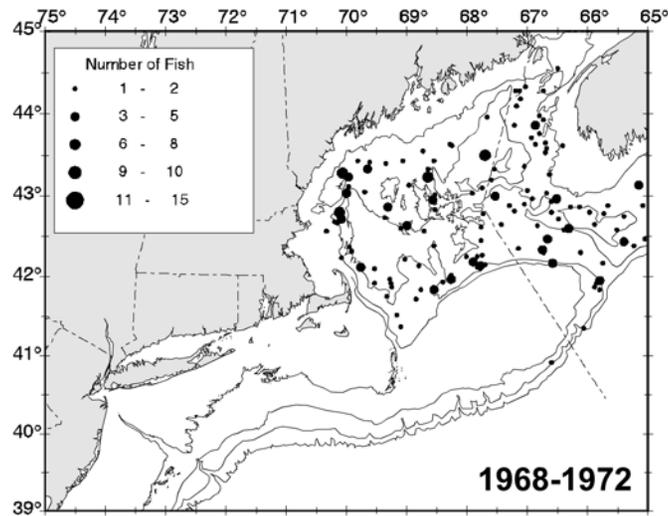
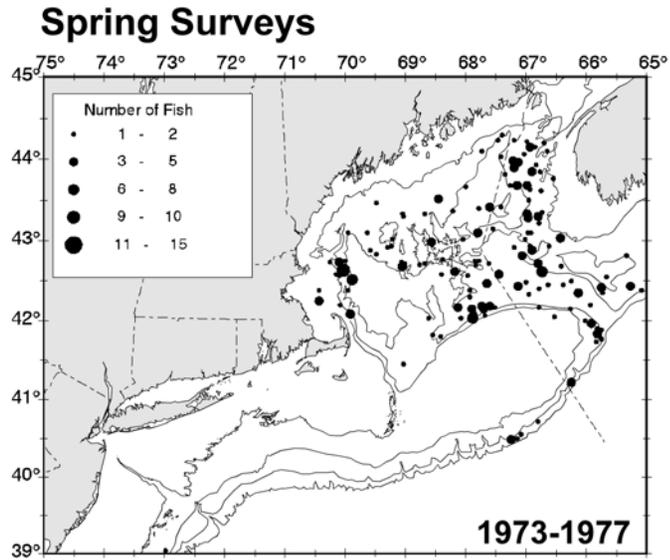


Figure C17a. Distribution of cusk in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.



## Cusk

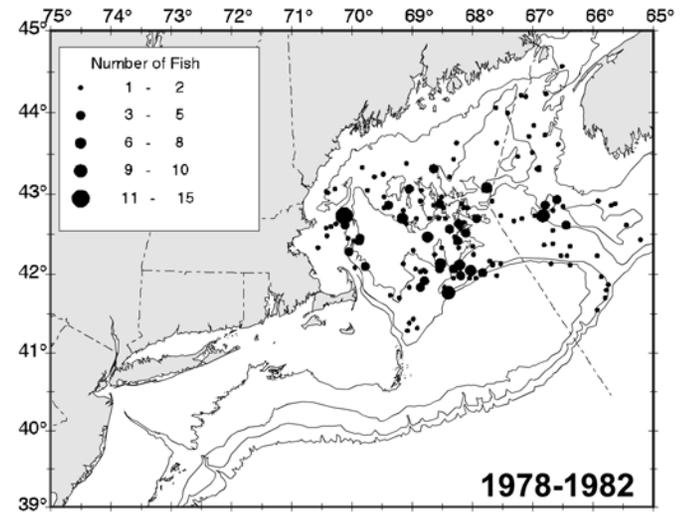
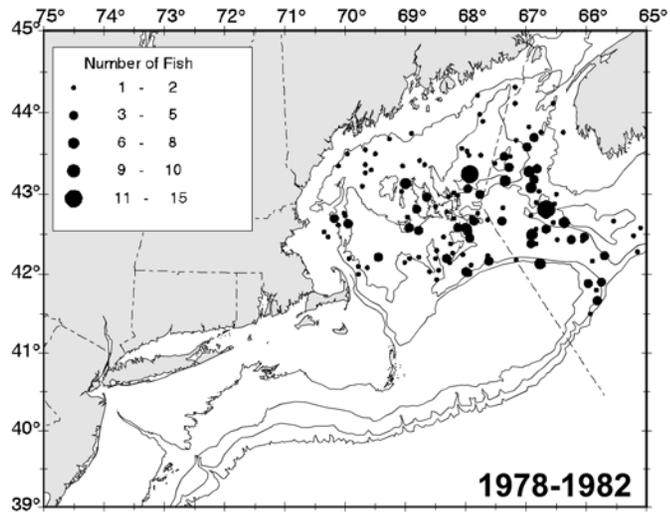
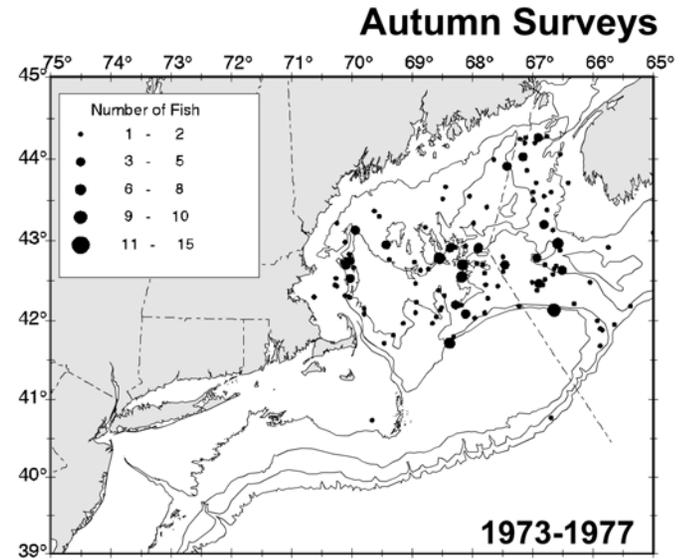


Figure C17b. Distribution of cusk in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

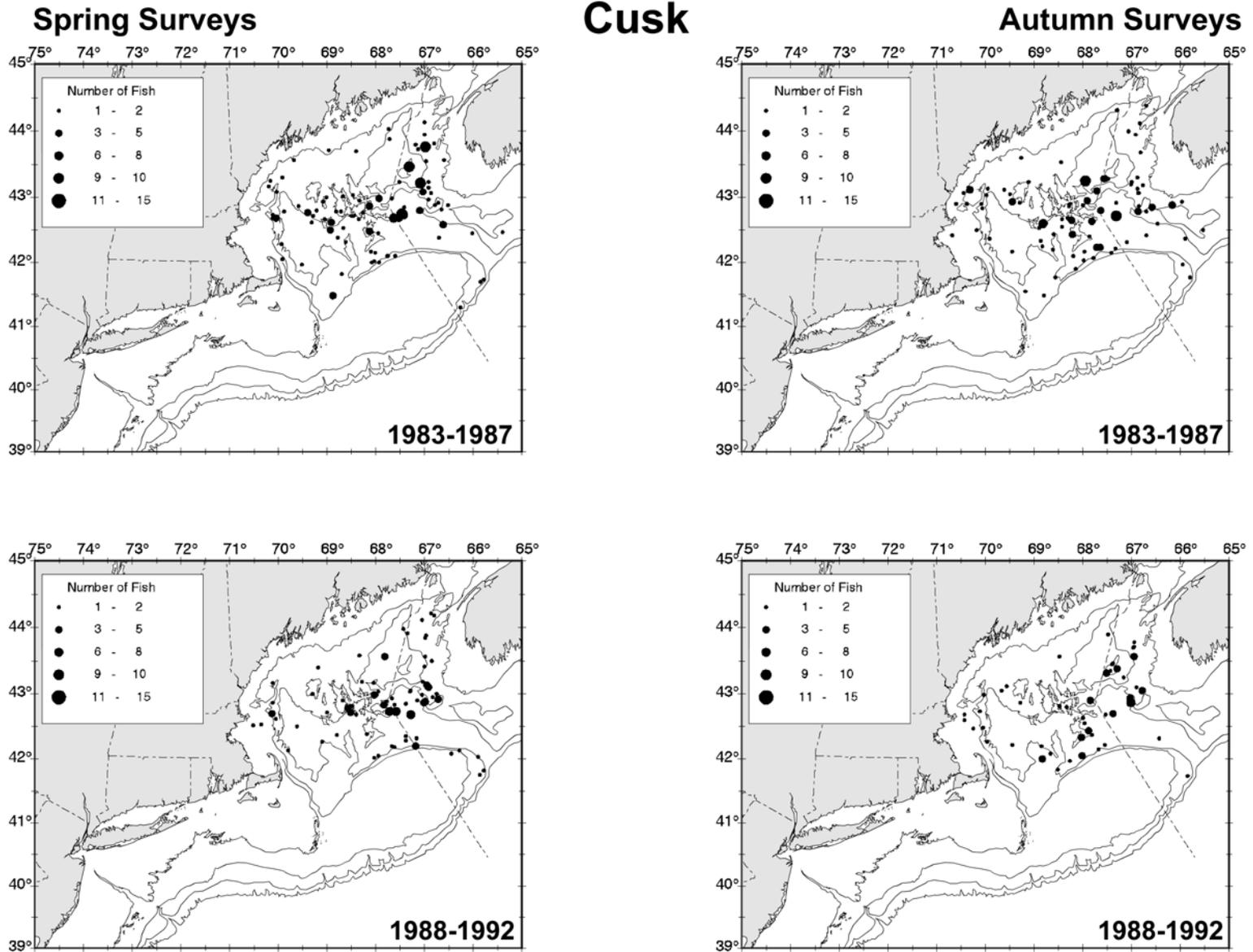


Figure C17c. Distribution of cusk in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

# Cusk

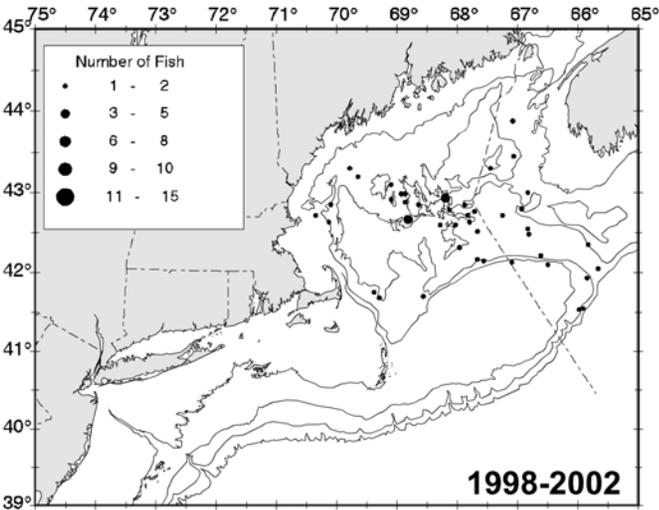
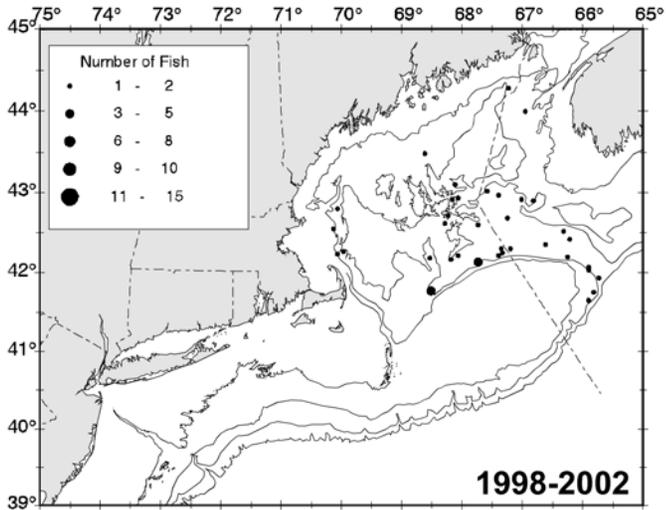
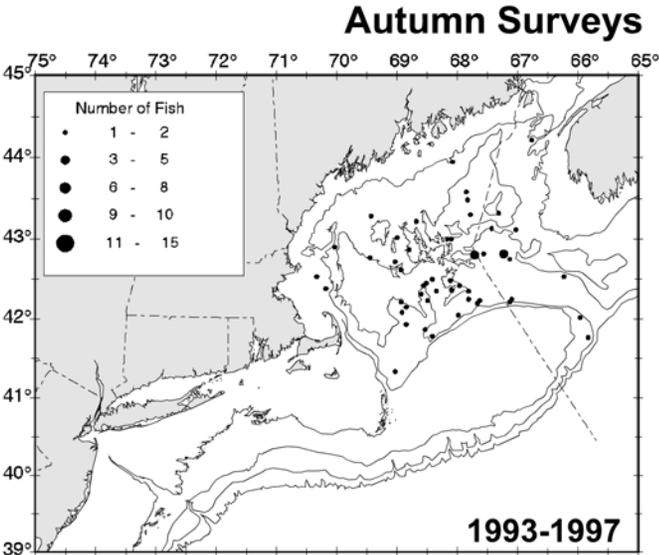
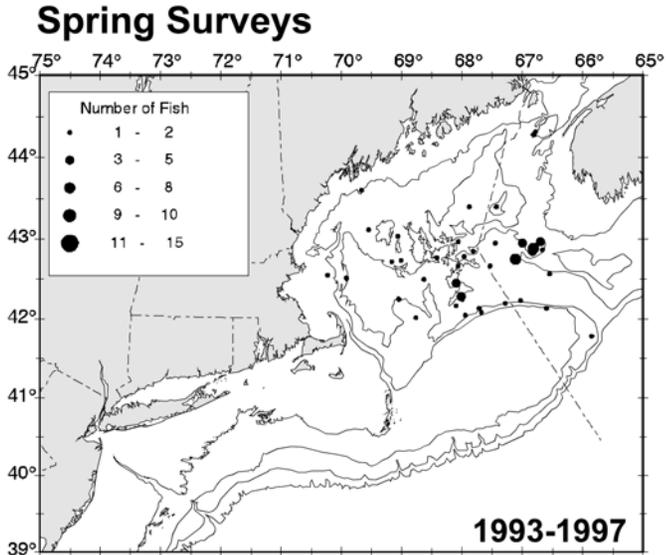
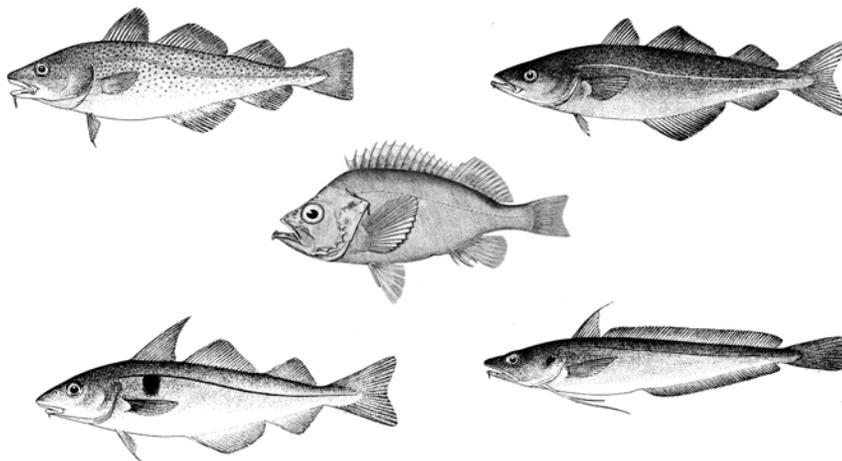
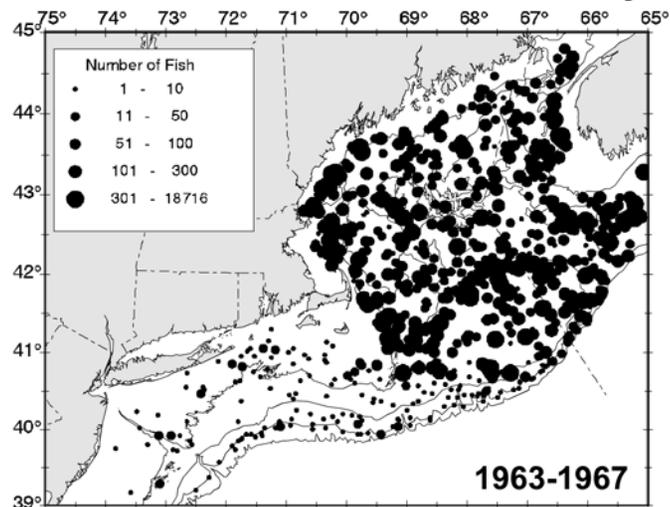


Figure C17d. Distribution of cusk in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Principal Groundfish



## Autumn Surveys



## Spring Surveys

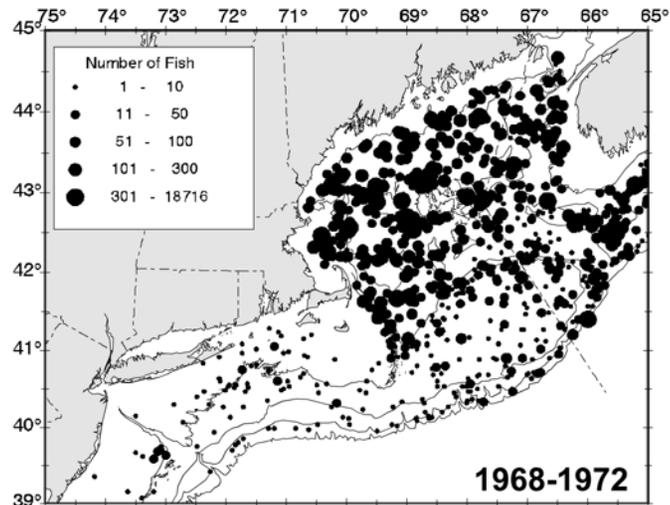
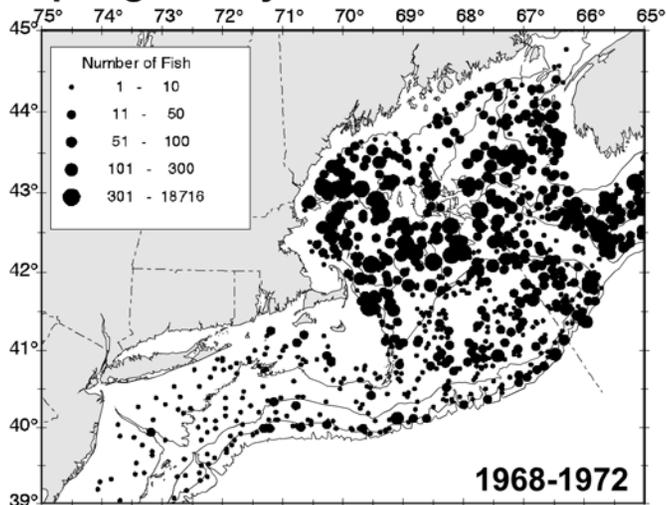


Figure C18a. Distribution of principal groundfish (Atlantic cod, haddock, pollock, Acadian redfish, and white hake) in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

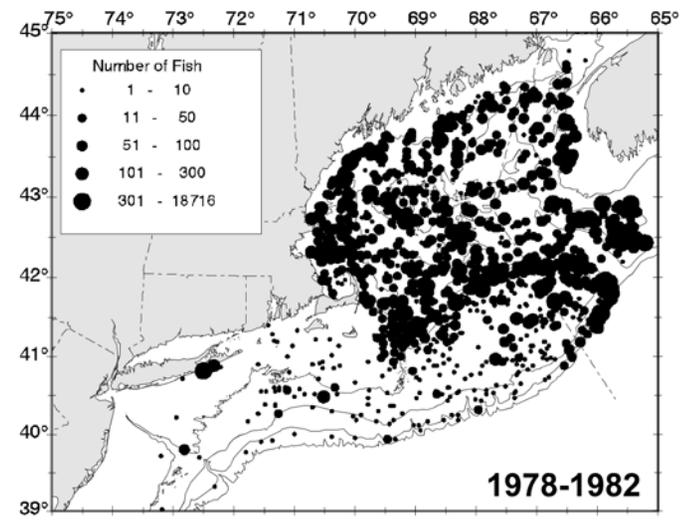
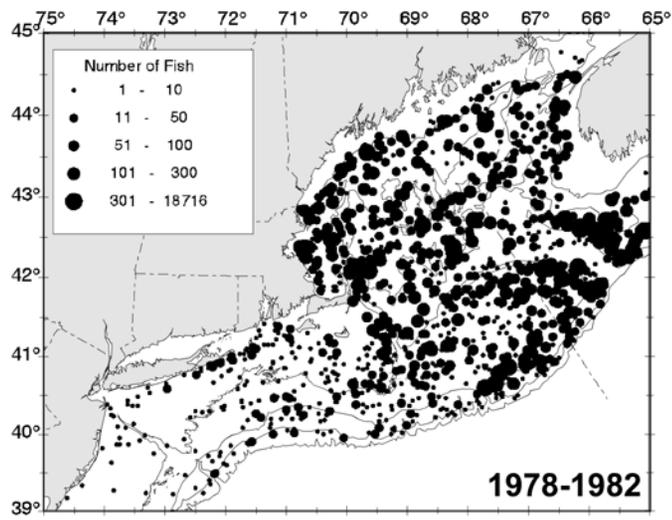
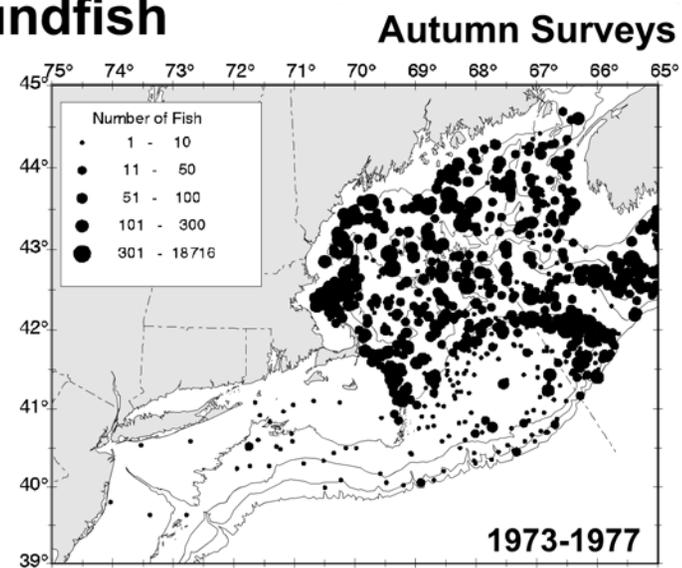
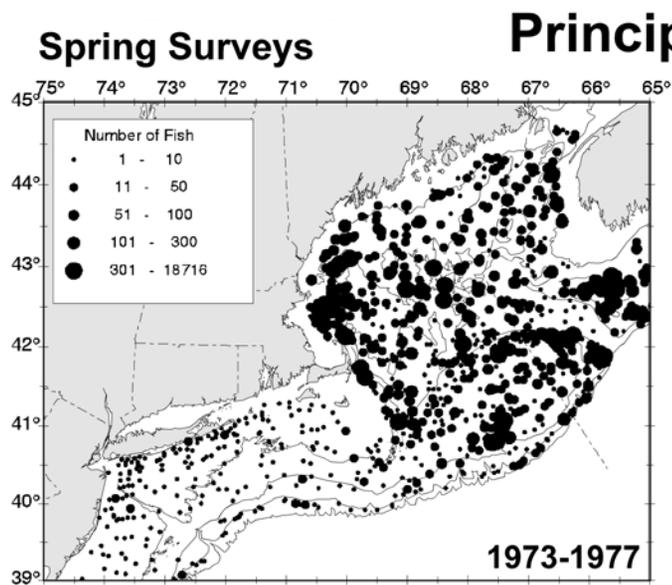


Figure C18b. Distribution of principal groundfish (Atlantic cod, haddock, pollock, Acadian redfish, and white hake) in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

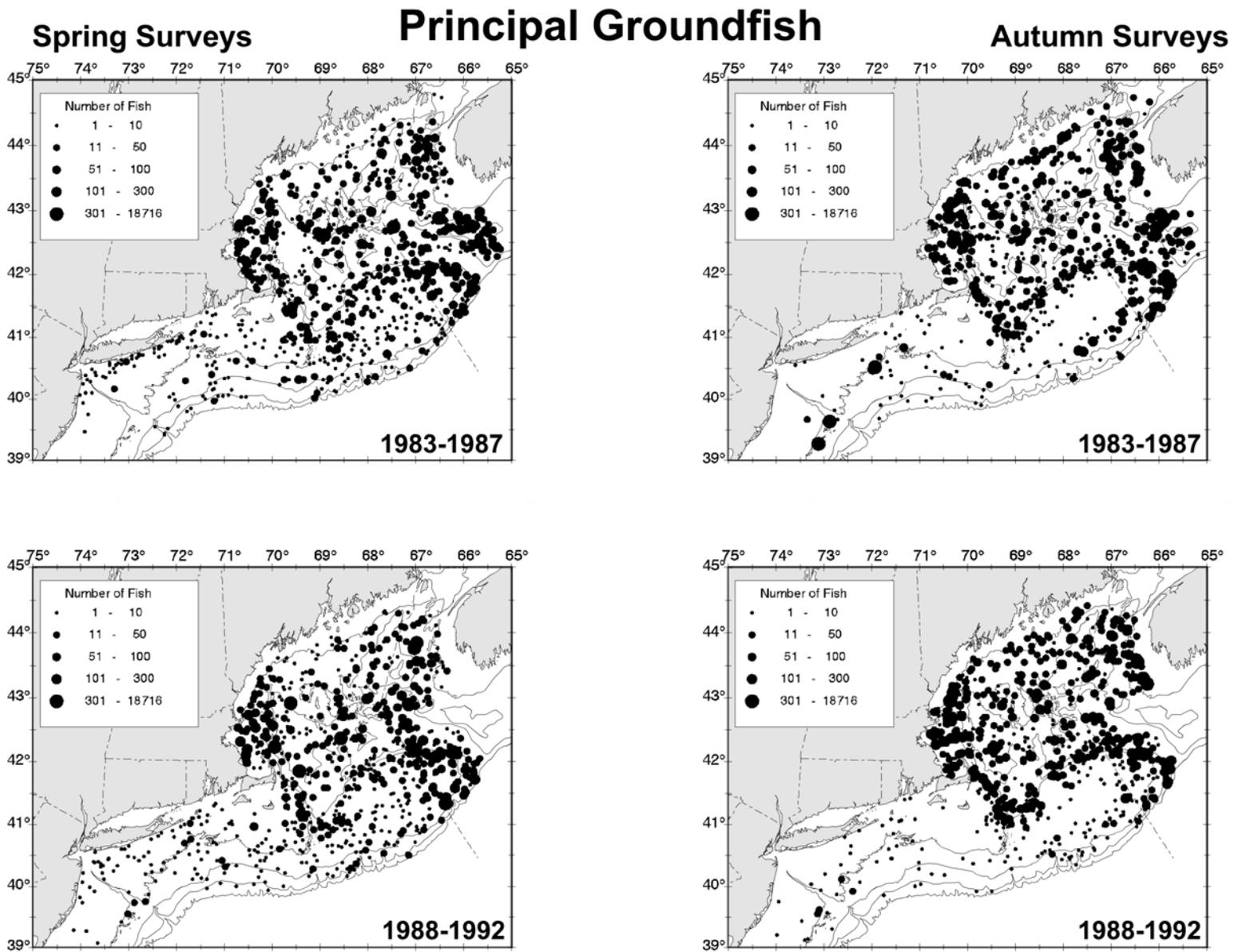


Figure C18c. Distribution of principal groundfish (Atlantic cod, haddock, pollock, Acadian redfish, and white hake) in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

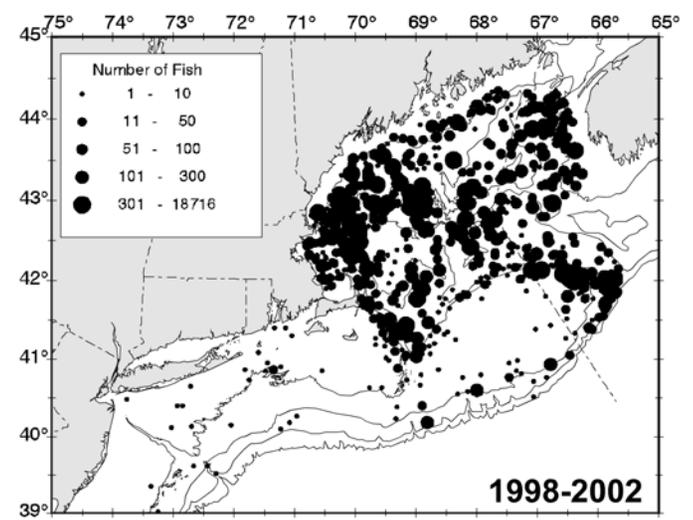
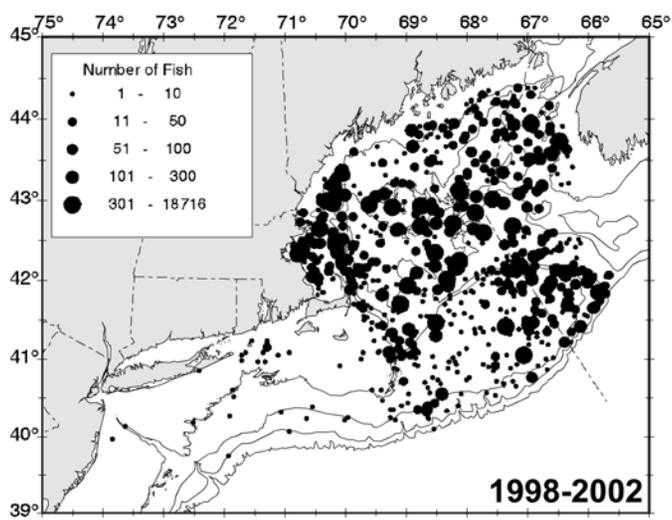
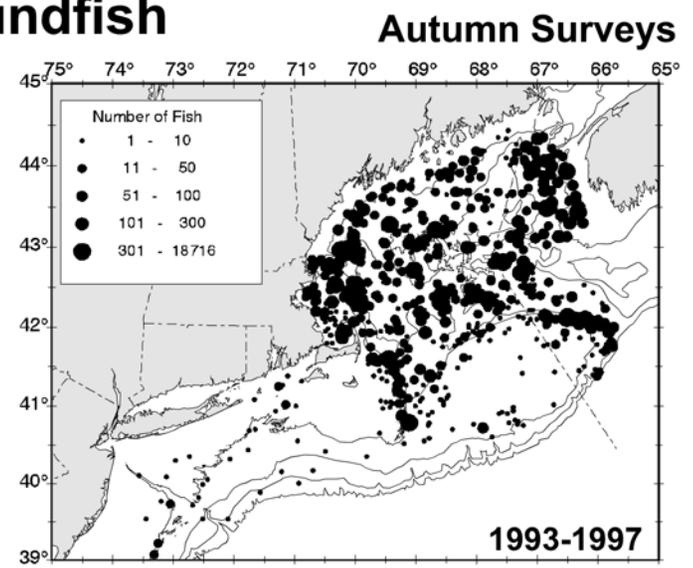
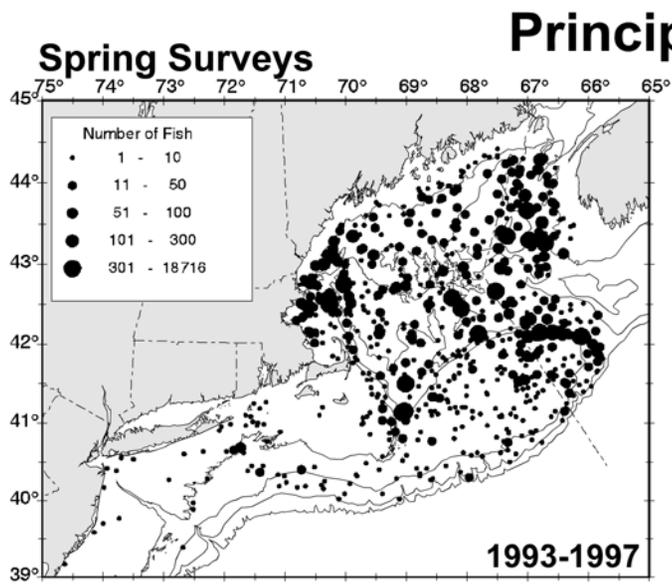
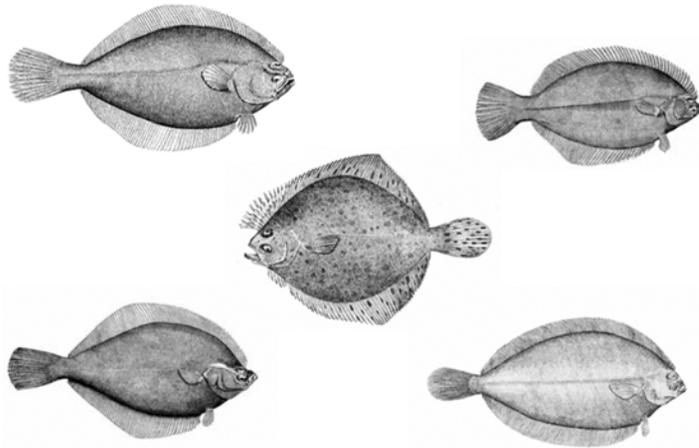
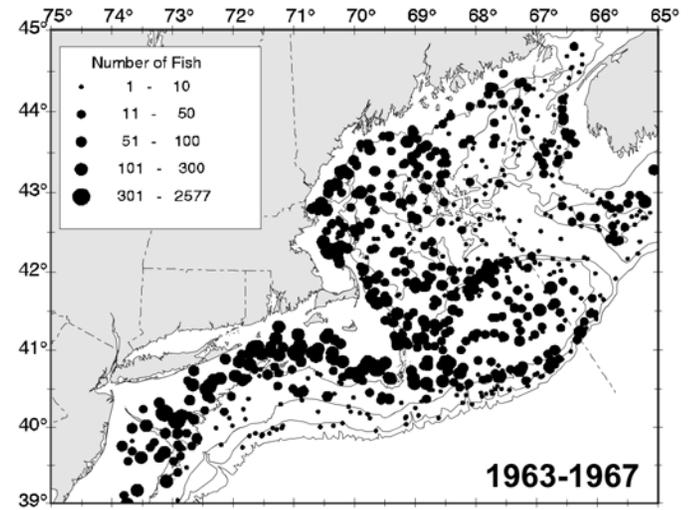


Figure C18d. Distribution of principal groundfish (Atlantic cod, haddock, pollock, Acadian redfish, and white hake) in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Principal Flounders



## Autumn Surveys



## Spring Surveys

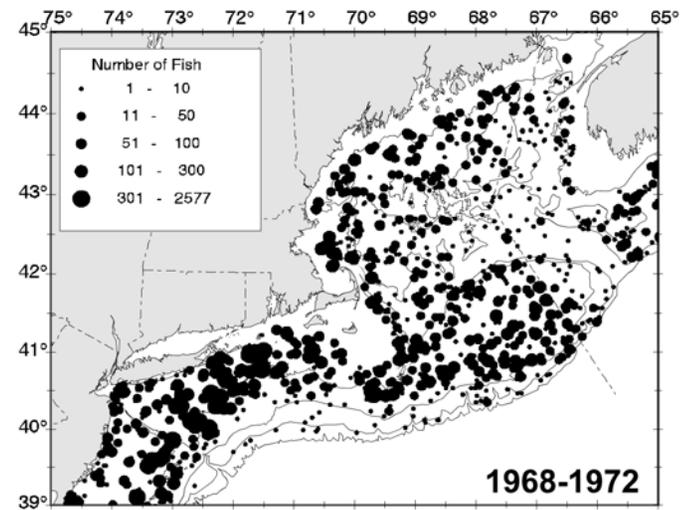
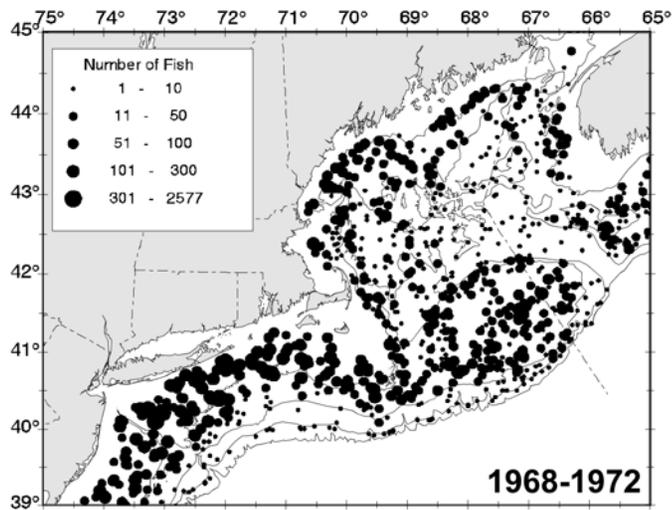
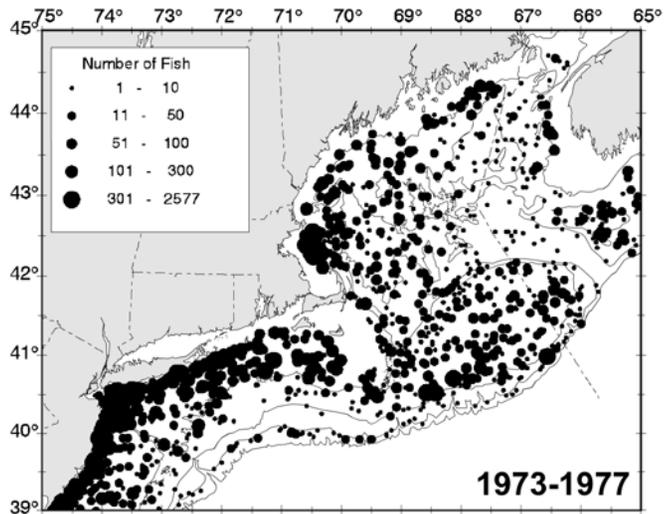


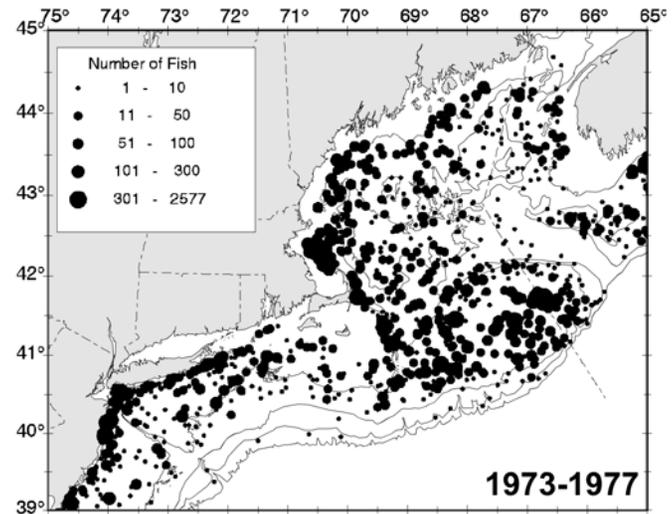
Figure C19a. Distribution of principal flounders (yellowtail flounder, American plaice, witch flounder, winter flounder, and windowpane flounder) in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

### Spring Surveys



### Principal Flounders

### Autumn Surveys



127

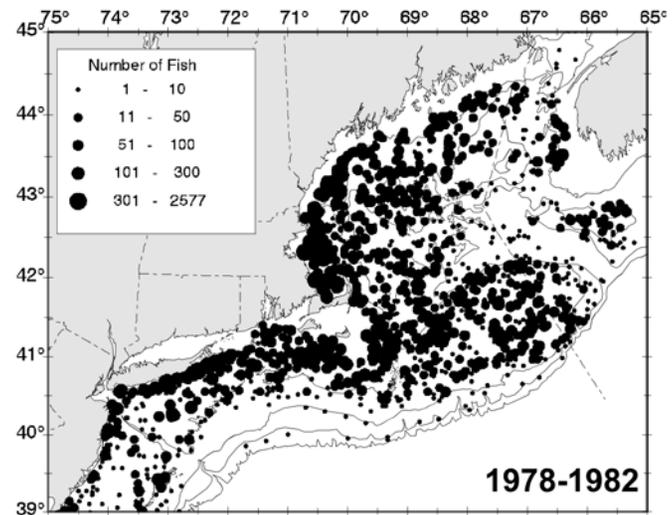
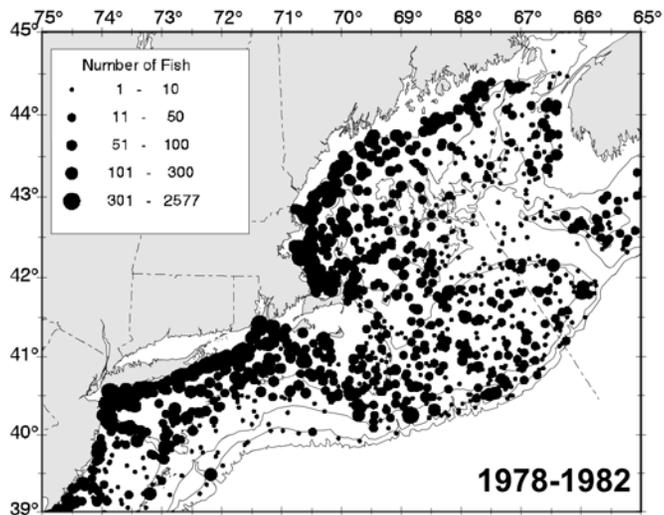


Figure C19b. Distribution of principal flounders (yellowtail flounder, American plaice, witch flounder, winter flounder, and windowpane flounder) in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

### Spring Surveys

## Principal Flounders

### Autumn Surveys

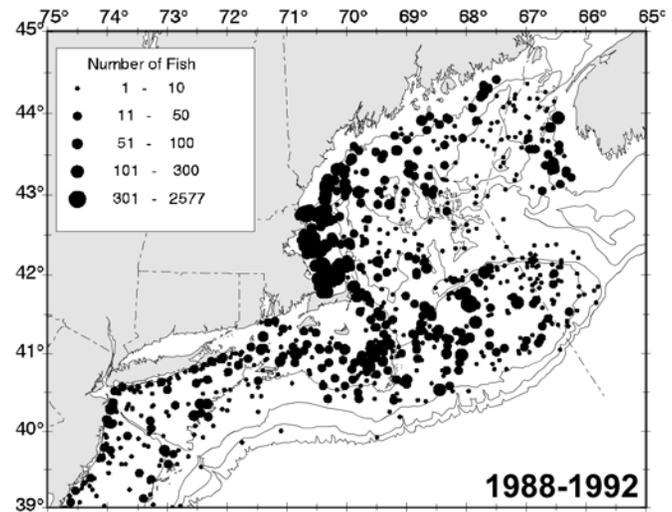
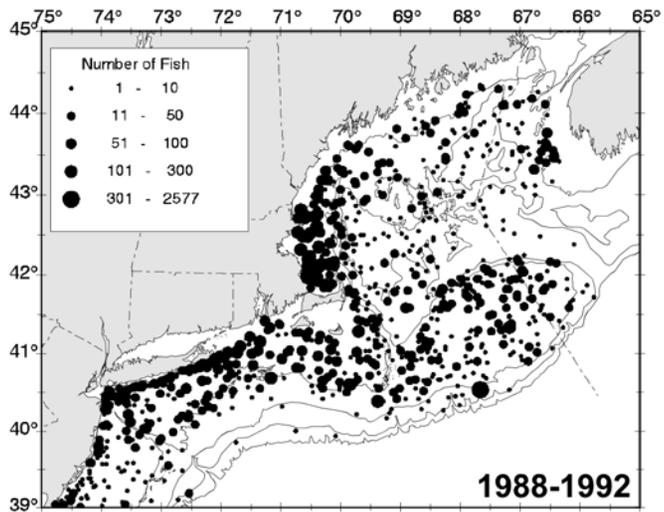
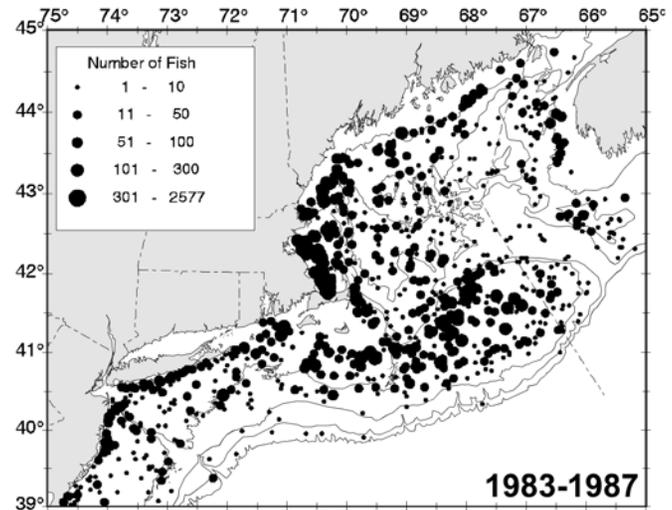
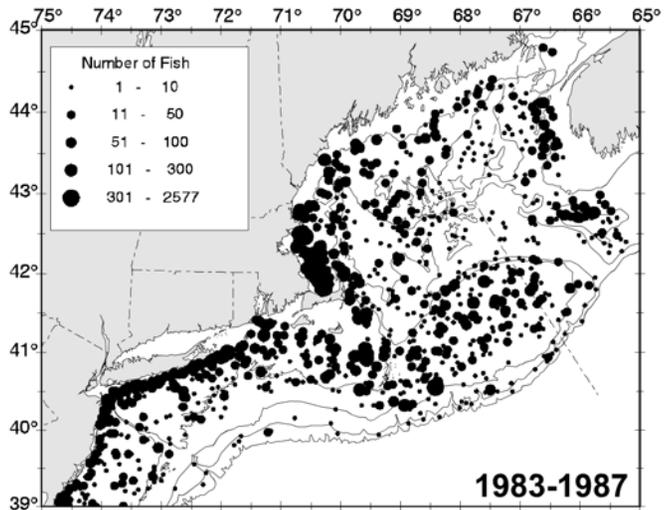


Figure C19c. Distribution of principal flounders (yellowtail flounder, American plaice, witch flounder, winter flounder, and windowpane flounder) in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

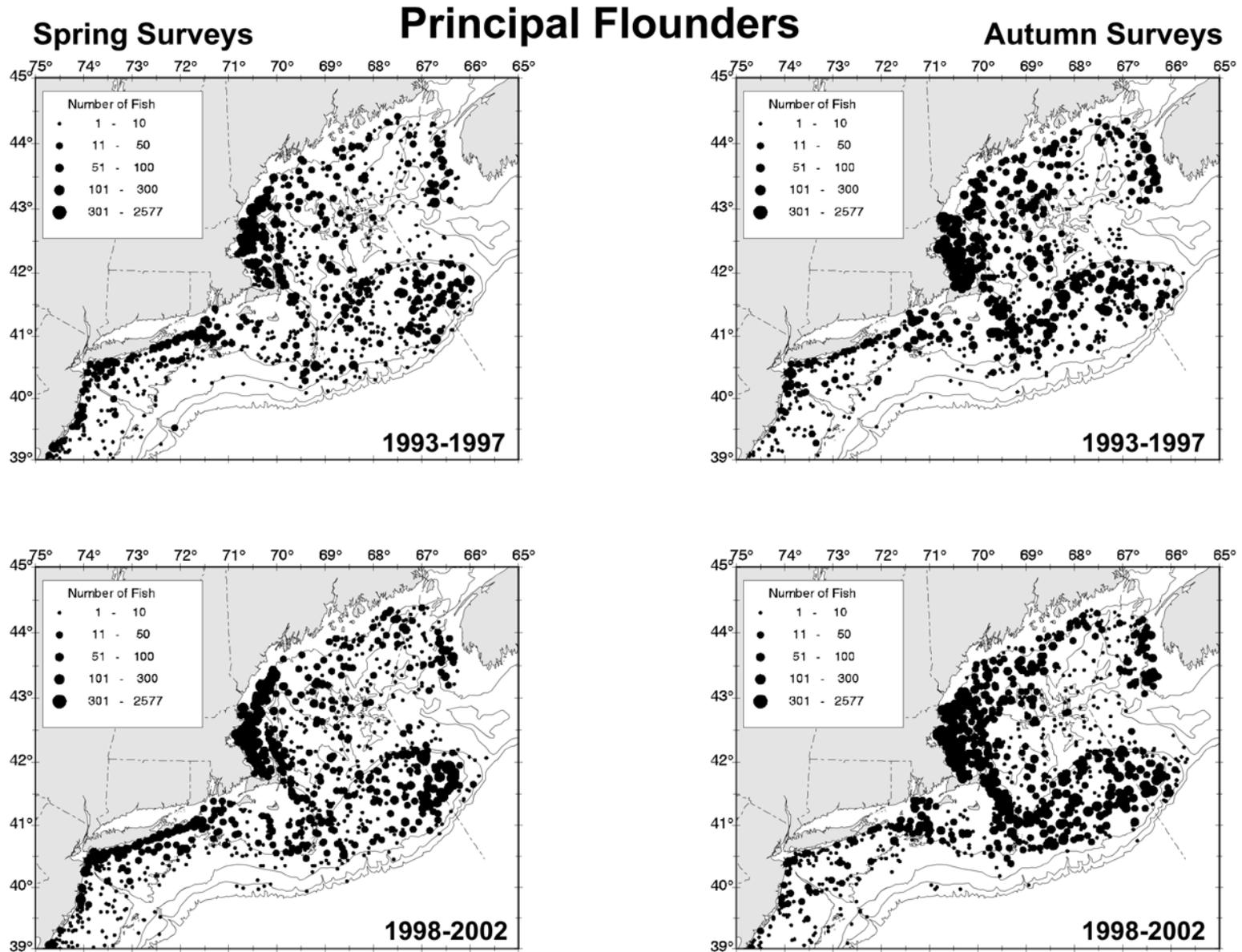
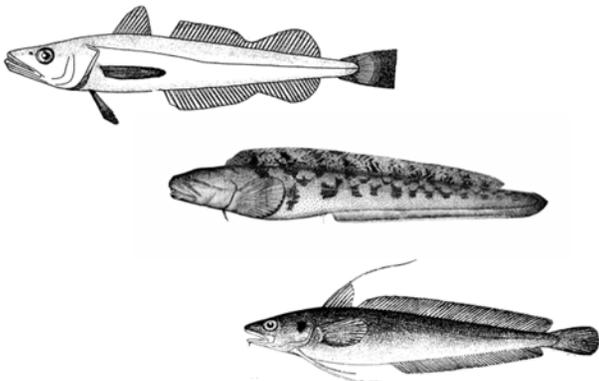
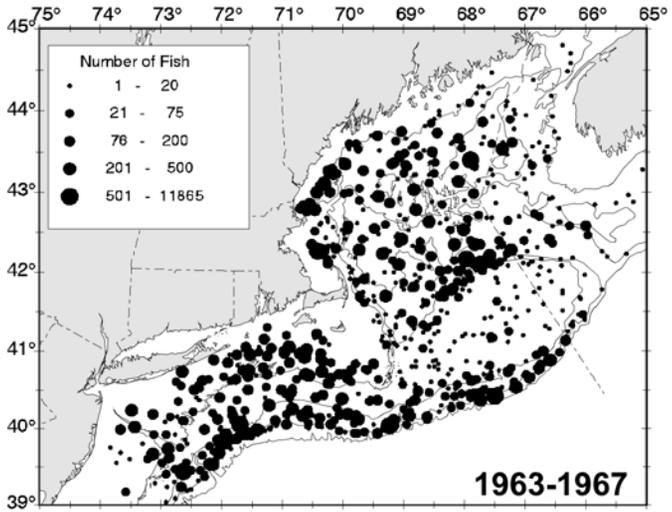


Figure C19d. Distribution of principal flounders (yellowtail flounder, American plaice, witch flounder, winter flounder, and windowpane flounder) in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Small-Mesh Groundfish



## Autumn Surveys



## Spring Surveys

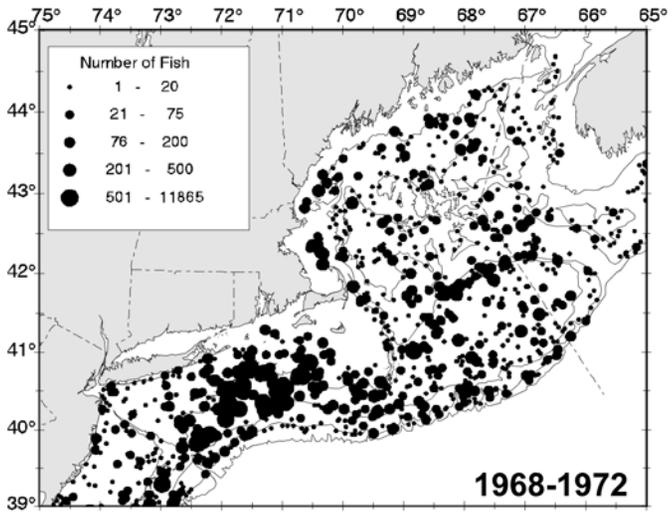
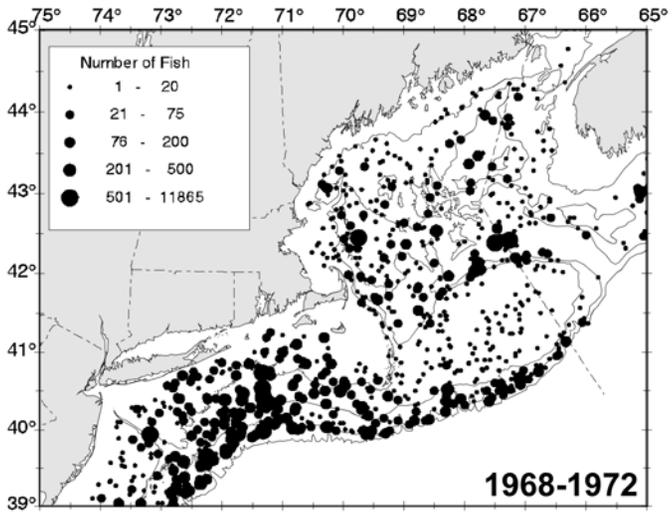


Figure C20a. Distribution of small-mesh groundfish (silver hake, red hake, and ocean pout) in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

### Spring Surveys

## Small-Mesh Groundfish

### Autumn Surveys

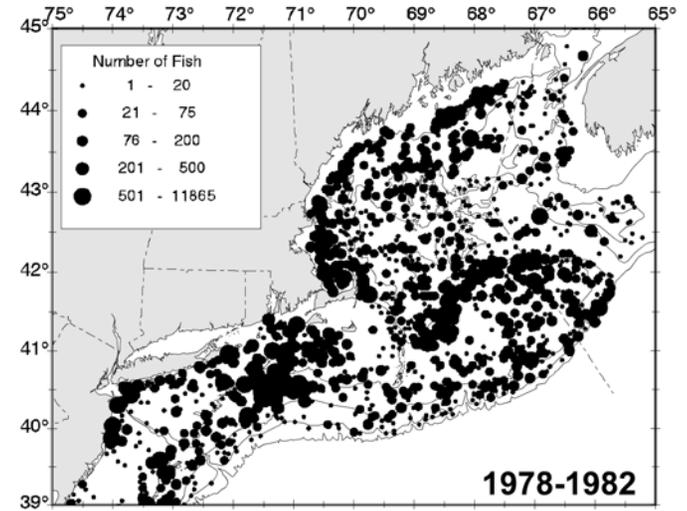
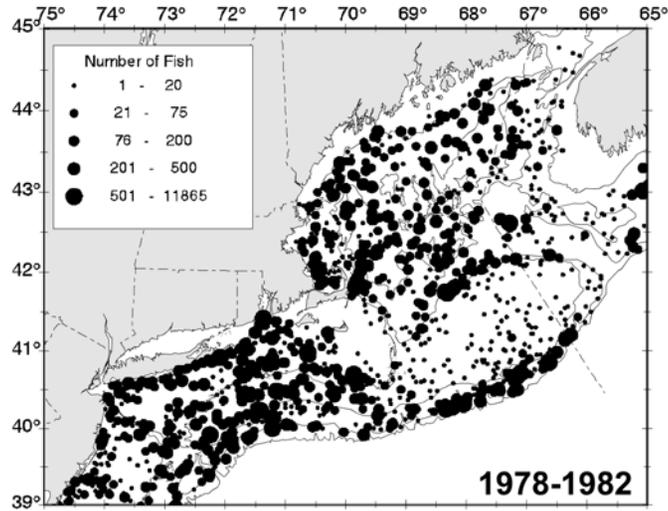
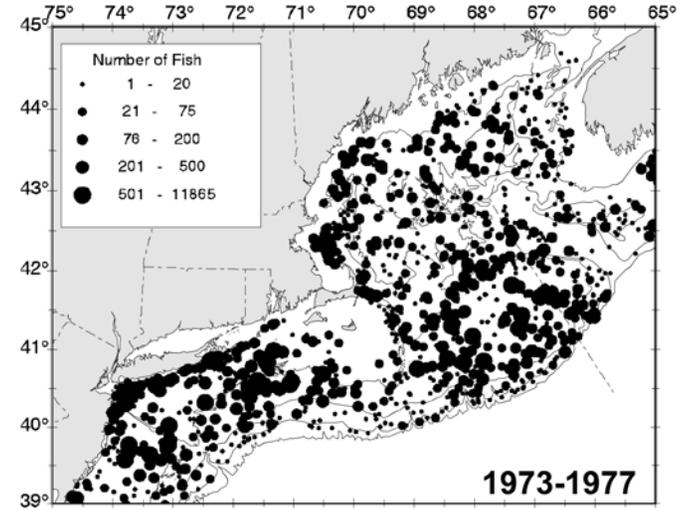
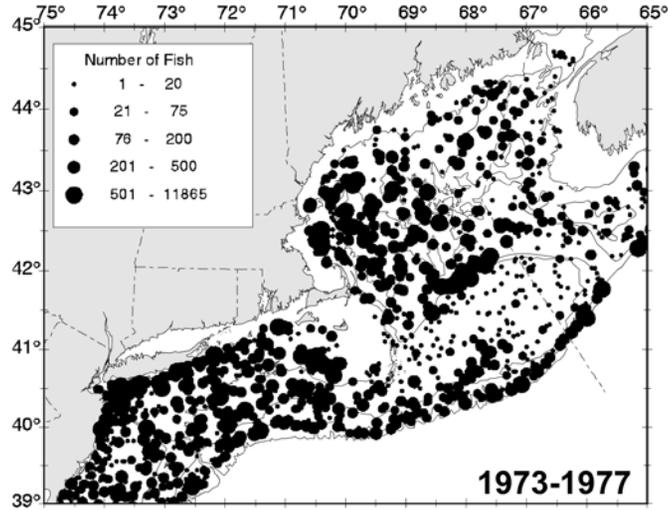


Figure C20b. Distribution of small-mesh groundfish (silver hake, red hake, and ocean pout) in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

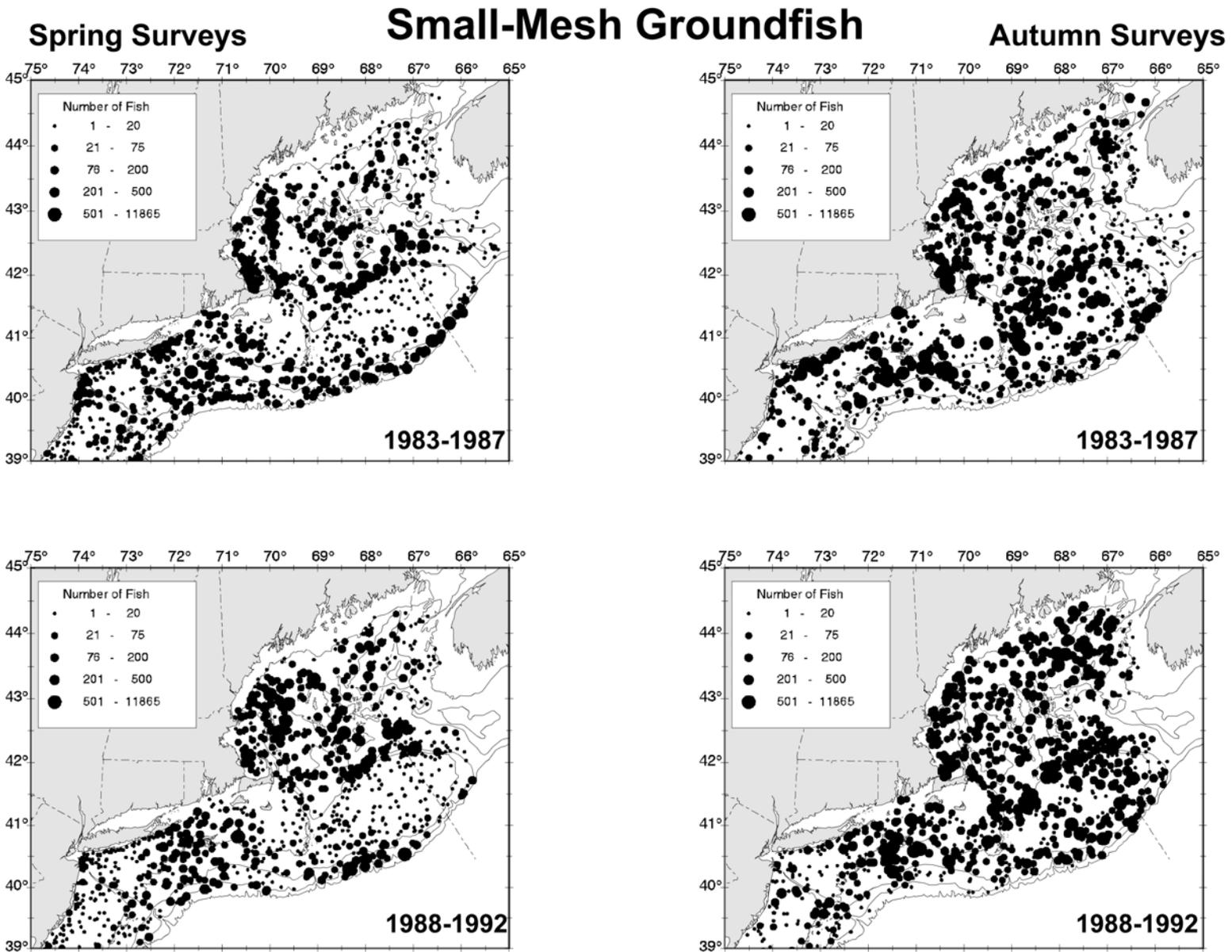


Figure C20c. Distribution of small-mesh groundfish (silver hake, red hake, and ocean pout) in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

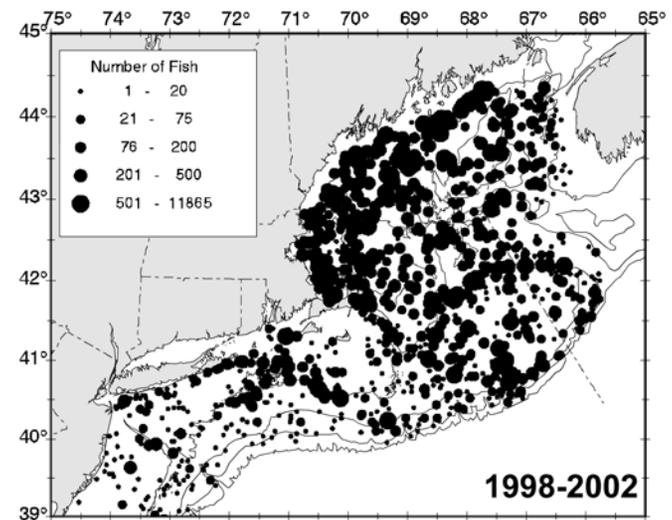
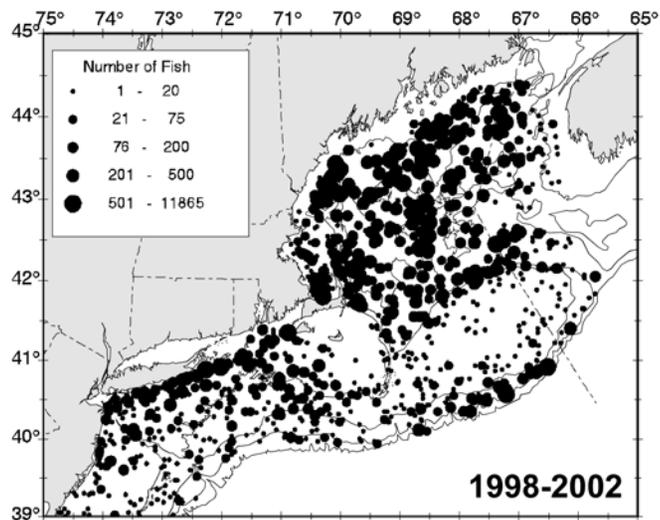
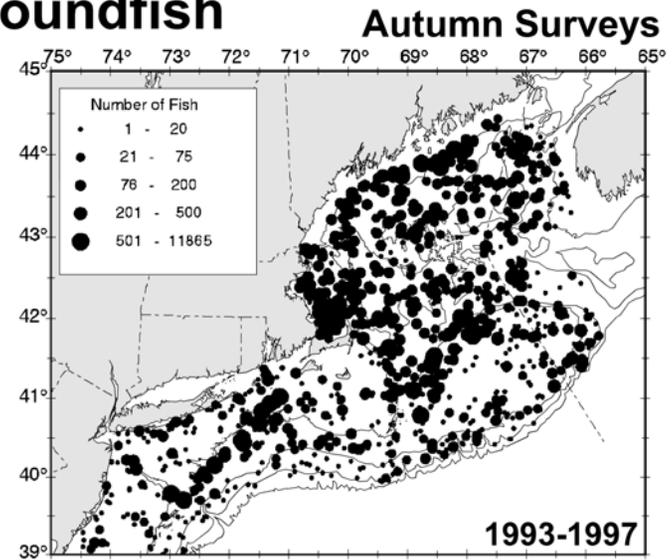
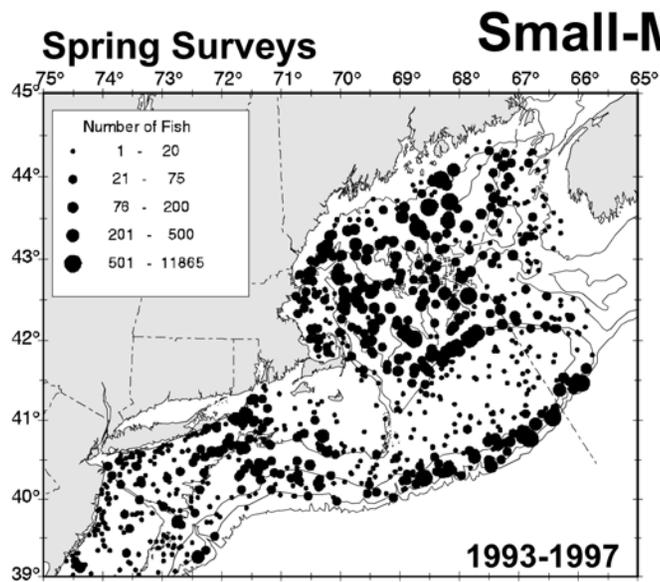
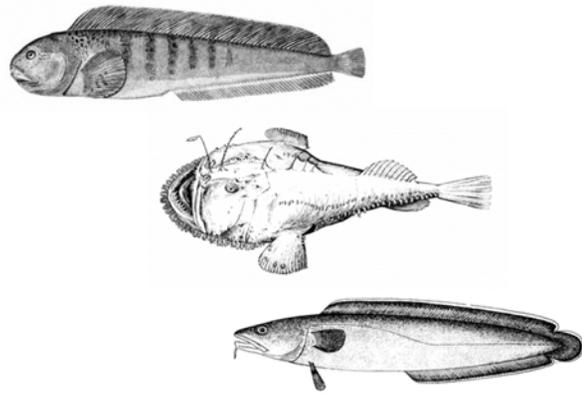
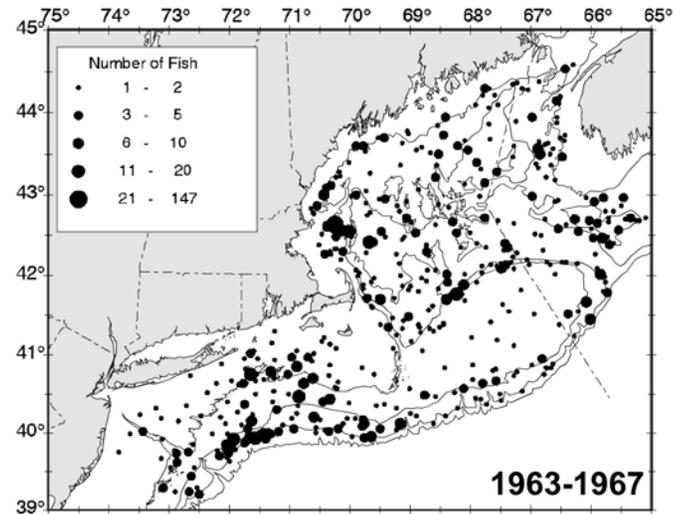


Figure C20d. Distribution of small-mesh groundfish (silver hake, red hake, and ocean pout) in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.

# Other Groundfish



## Autumn Surveys



## Spring Surveys

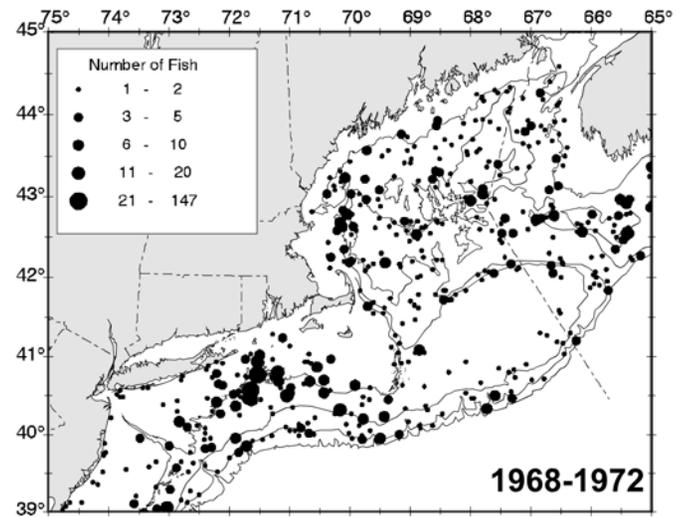
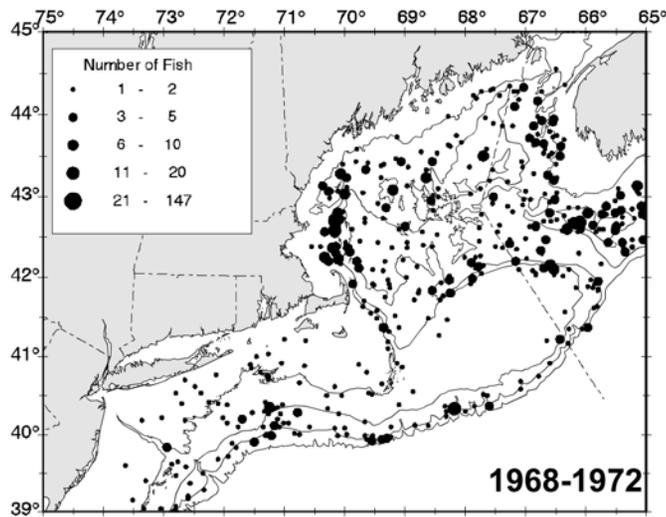
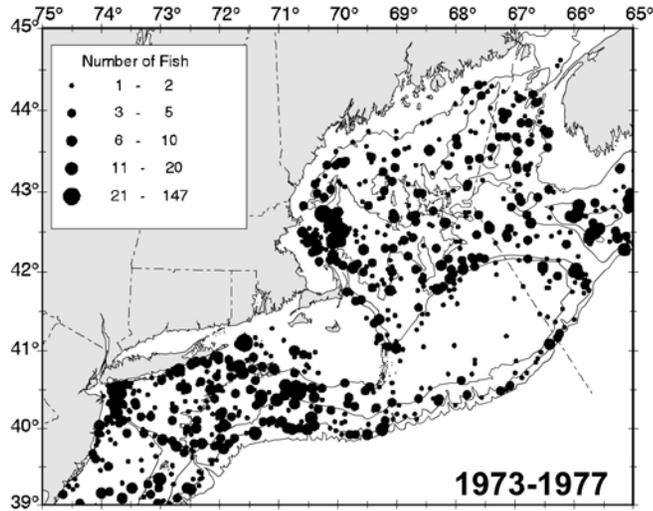


Figure C21a. Distribution of other groundfish (Atlantic wolffish, goosefish, and cusk) in the NEFSC spring and autumn bottom trawl surveys from 1963-1972.

# Other Groundfish

## Spring Surveys



## Autumn Surveys

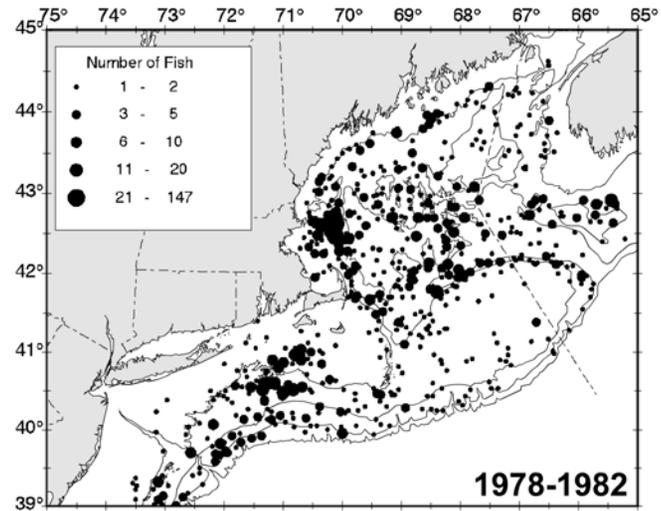
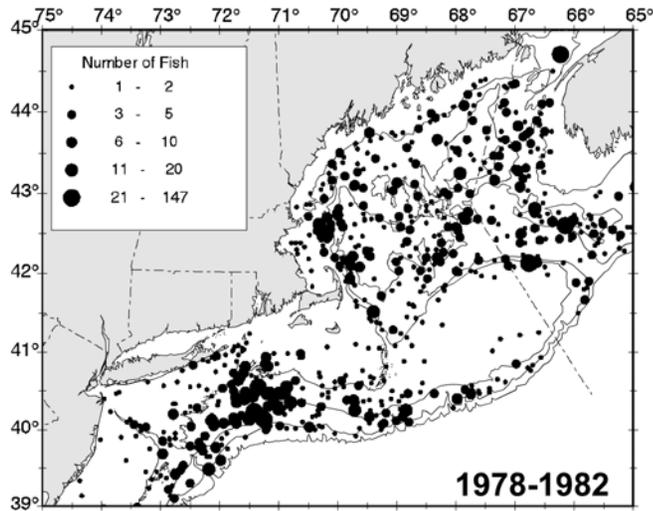
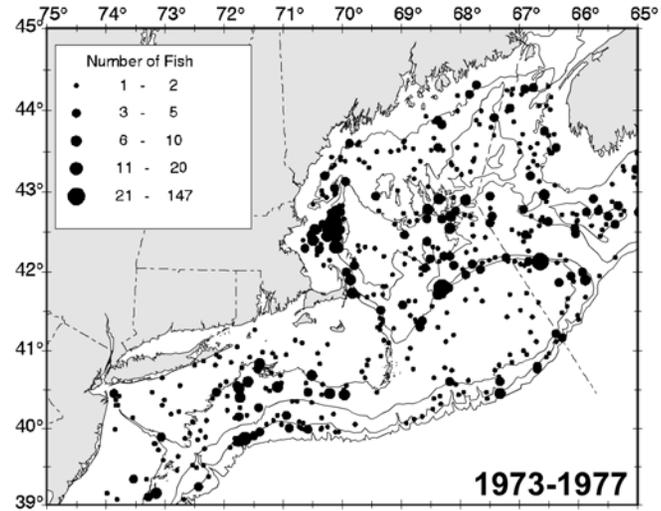
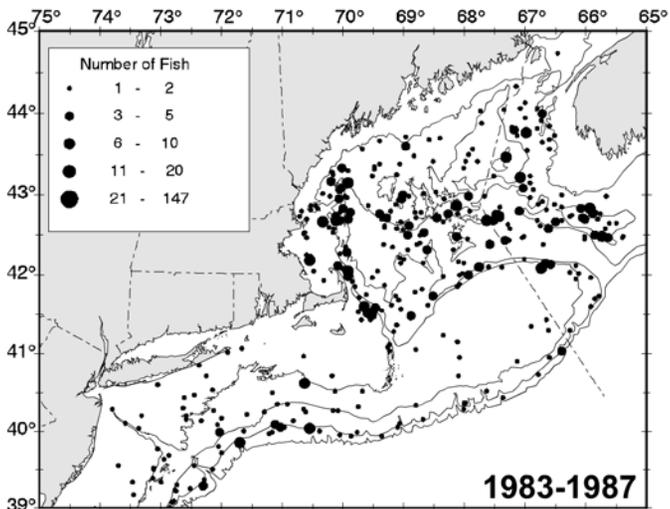


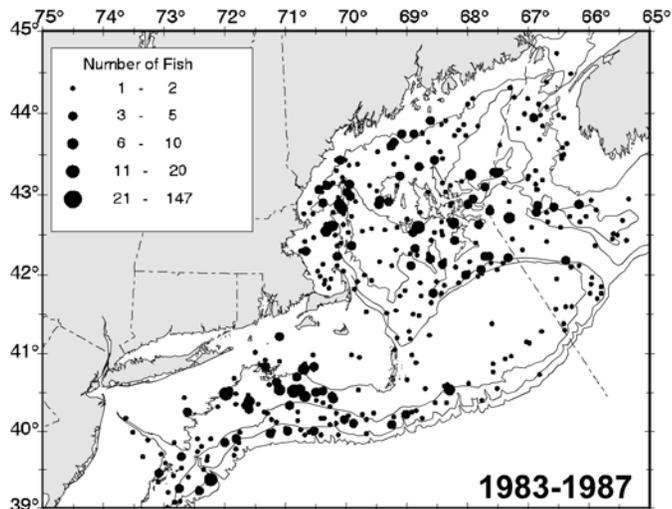
Figure C21b. Distribution of other groundfish (Atlantic wolffish, goosefish, and cusk) in the NEFSC spring and autumn bottom trawl surveys from 1973-1982.

### Spring Surveys



### Other Groundfish

### Autumn Surveys



136

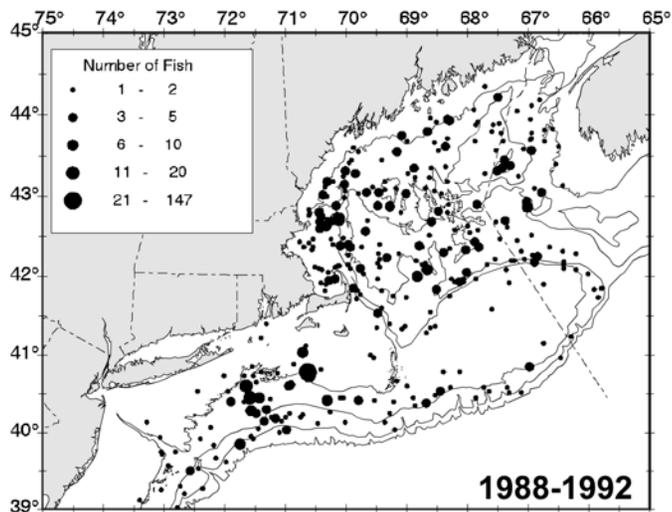
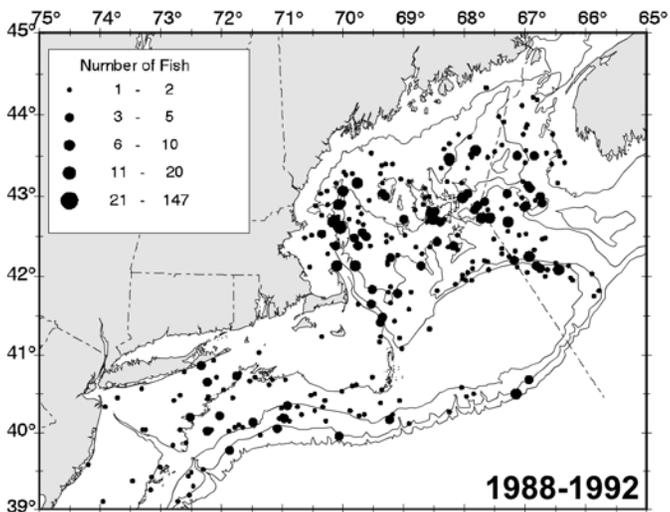
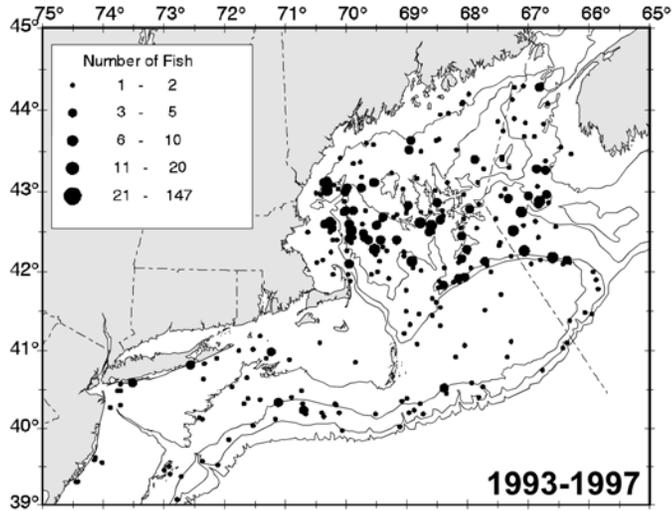


Figure C21c. Distribution of other groundfish (Atlantic wolffish, goosefish, and cusk) in the NEFSC spring and autumn bottom trawl surveys from 1983-1992.

### Spring Surveys



### Other Groundfish

### Autumn Surveys

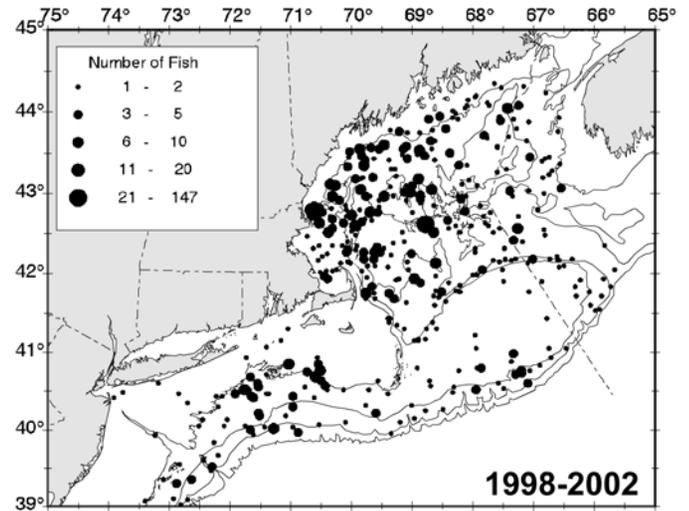
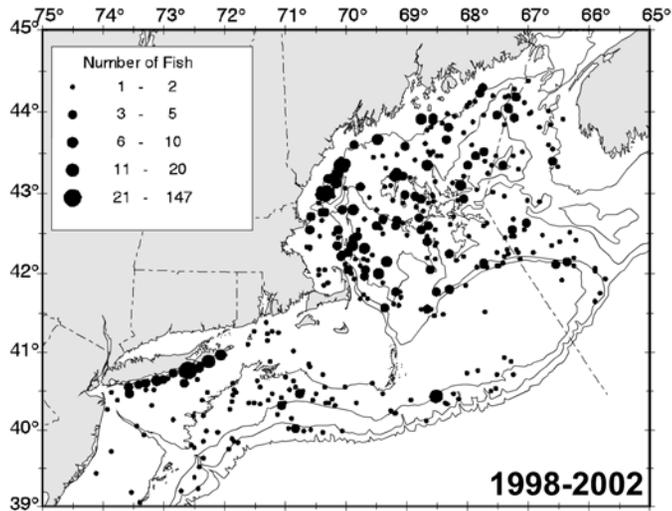
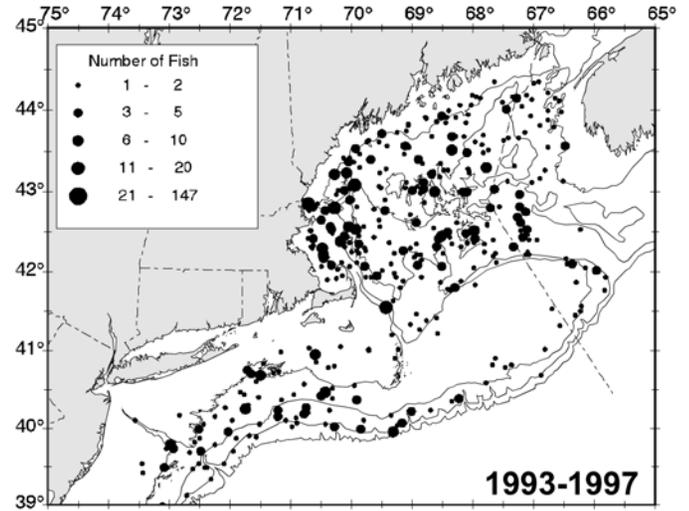


Figure C21d. Distribution of other groundfish (Atlantic wolffish, goosfish, and cusk) in the NEFSC spring and autumn bottom trawl surveys from 1993-2002.