

Appendix G

Industry-Based Survey
for
Gulf of Maine Cod
Pilot Study

Ancillary Data: Species of Interest Distribution maps

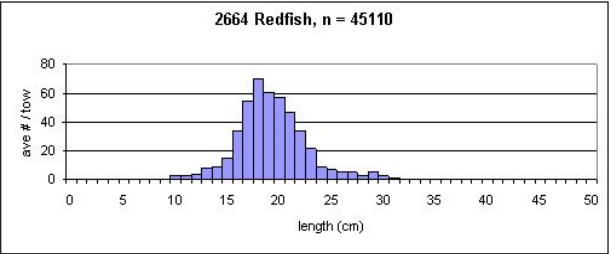
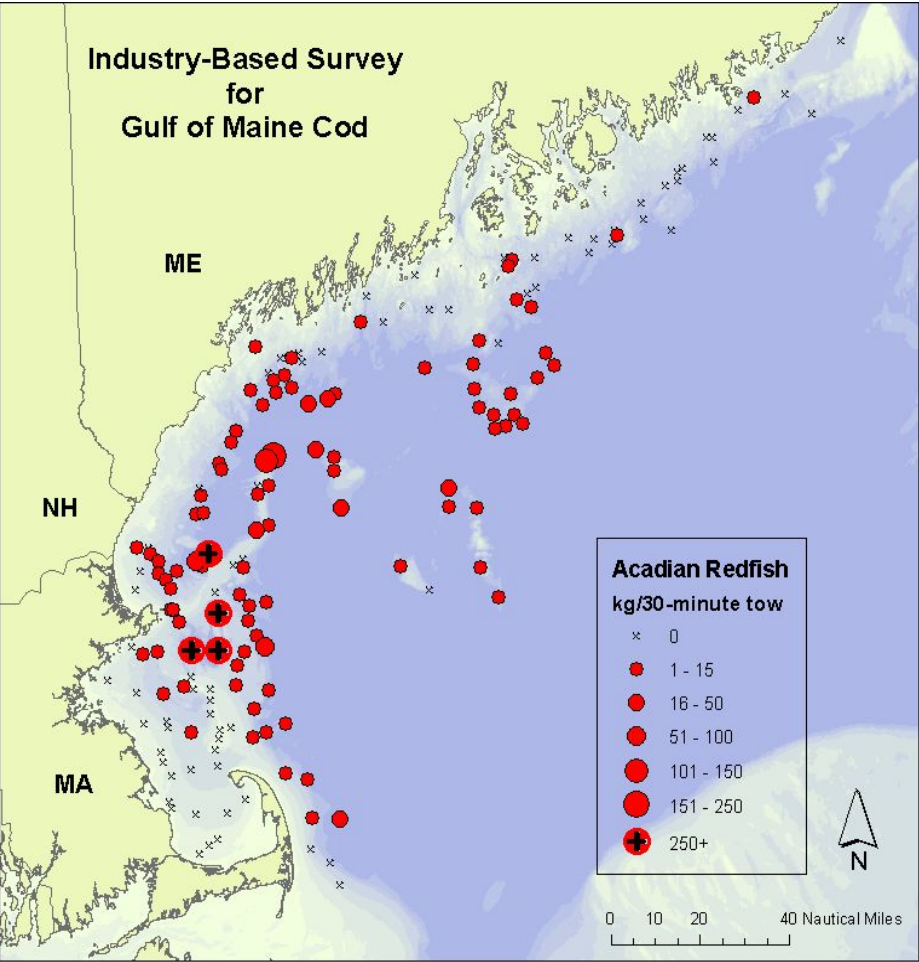
Industry-Based Survey for Gulf of Maine Cod

2006-2007 Survey Results

Acadian Redfish

Spatial and temporal distribution by cruise, average number of fish at length where species were caught by cruise, and percent frequency at length by cruise

Appendix G. Acadian Redfish

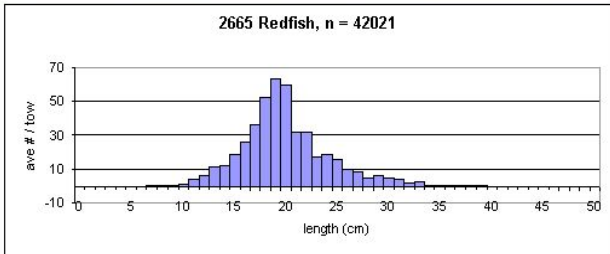
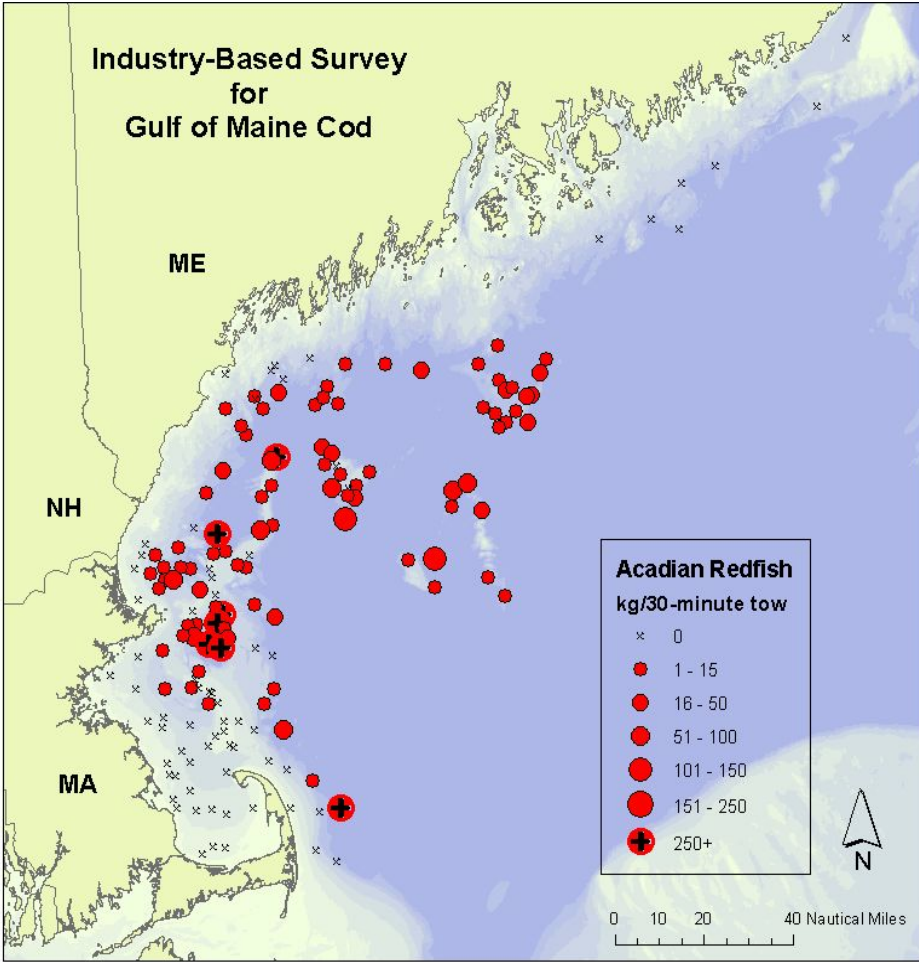


Acadian Redfish
caught during the IBS for GOM cod survey

mid April - May
Year: 2006
Cruise: 2664



**Average number of fish at length for all tows where species were caught



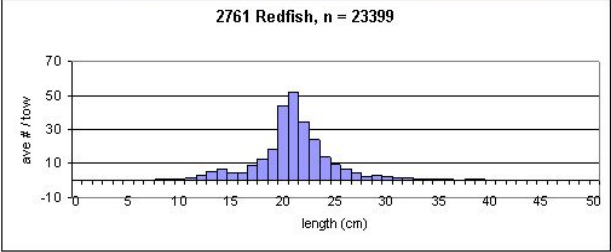
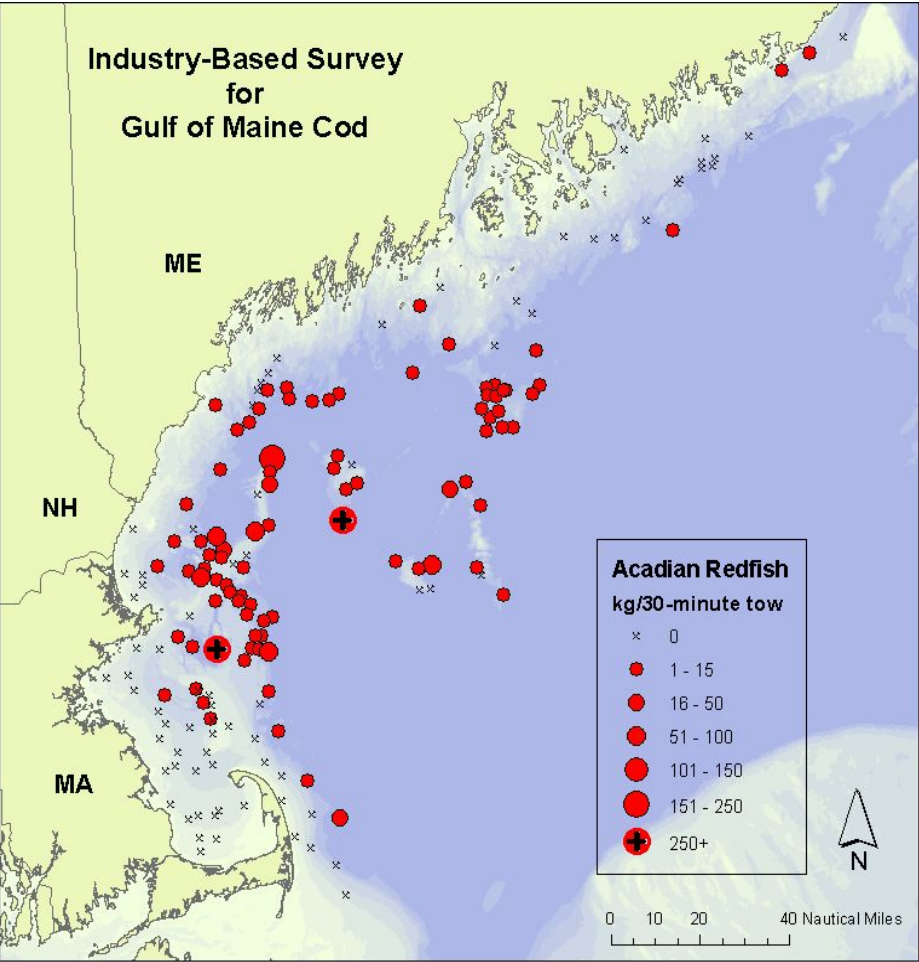
Acadian Redfish
caught during the IBS for GOM cod survey

mid November - December
Year: 2006
Cruise: 2665



**Average number of fish at length for all tows where species were caught

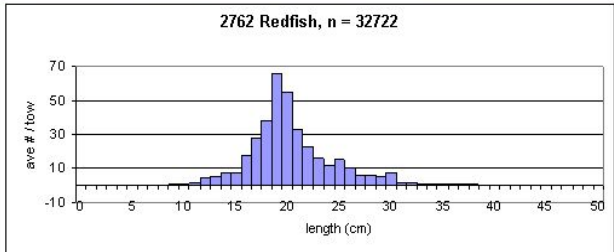
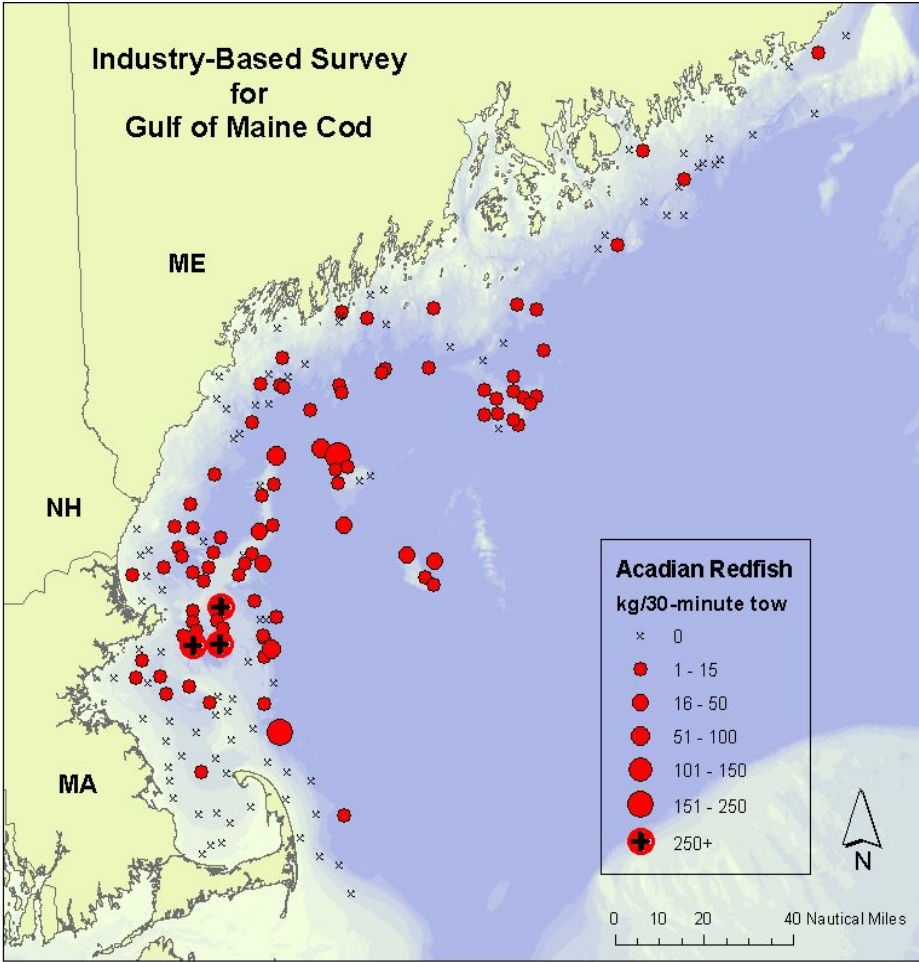
Appendix G. Acadian Redfish



Acadian Redfish
caught during the IBS for GOM cod survey
January - mid February
Year: 2007
Cruise: 2761



**Average number of fish at length for all tows where species were caught



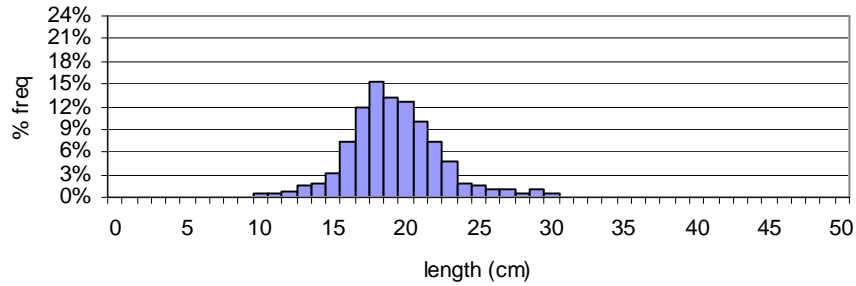
Acadian Redfish
caught during the IBS for GOM cod survey
mid February - mid March
Year: 2007
Cruise: 2762



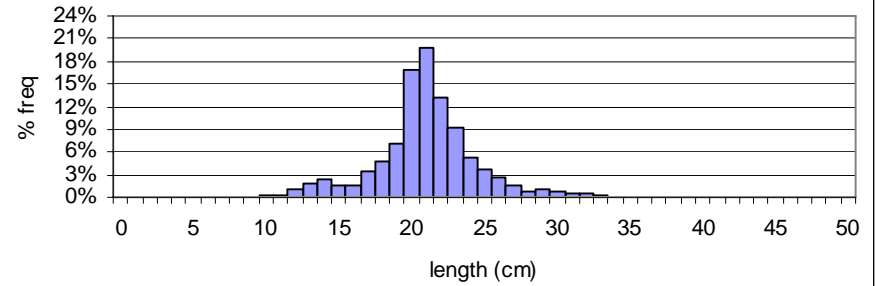
**Average number of fish at length for all tows where species were caught

**Red Fish
2006 – 2007**

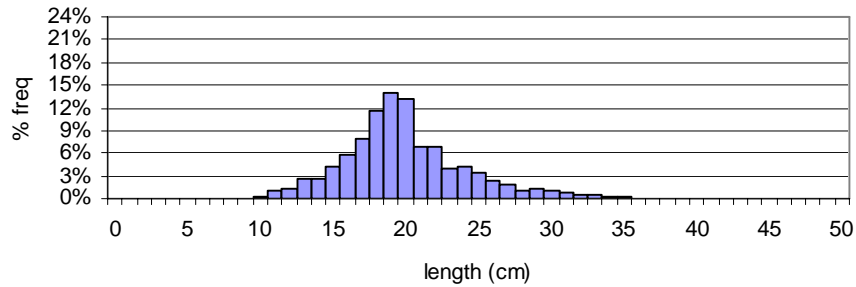
2664 mid April - May, 2006, n = 45110



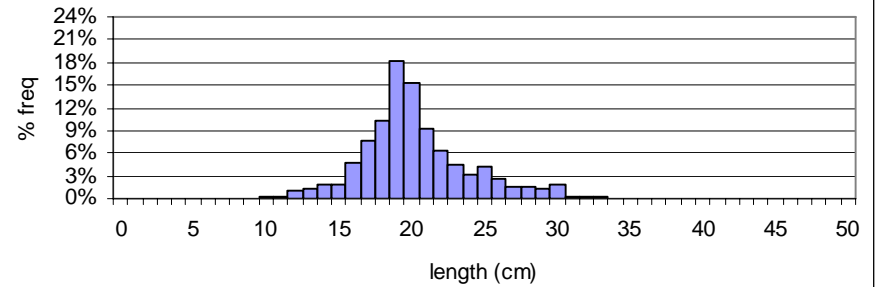
2761 January - mid February, 2007, n = 23399



2665 mid November - December, 2006, n = 42021



2762 mid February - mid March, 2007, n = 32722



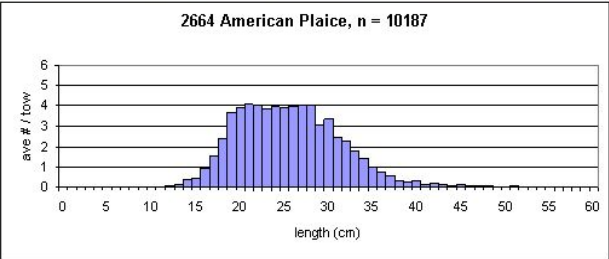
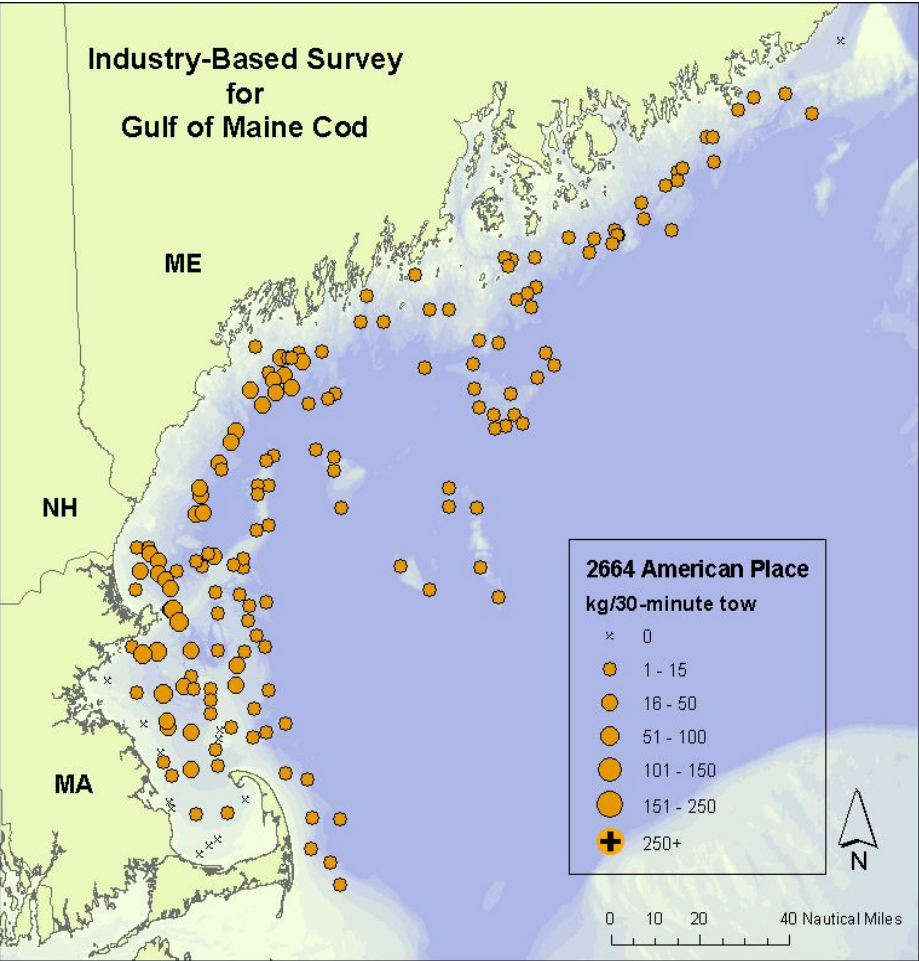
Industry-Based Survey for Gulf of Maine Cod

2006-2007 Survey Results

American Plaice

Spatial and temporal distribution by cruise, average number of fish at length where species were caught by cruise, and percent frequency at length by cruise

Appendix G. American Plaice

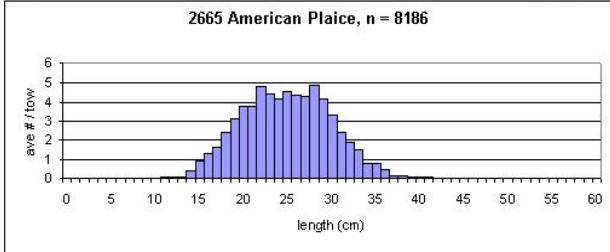
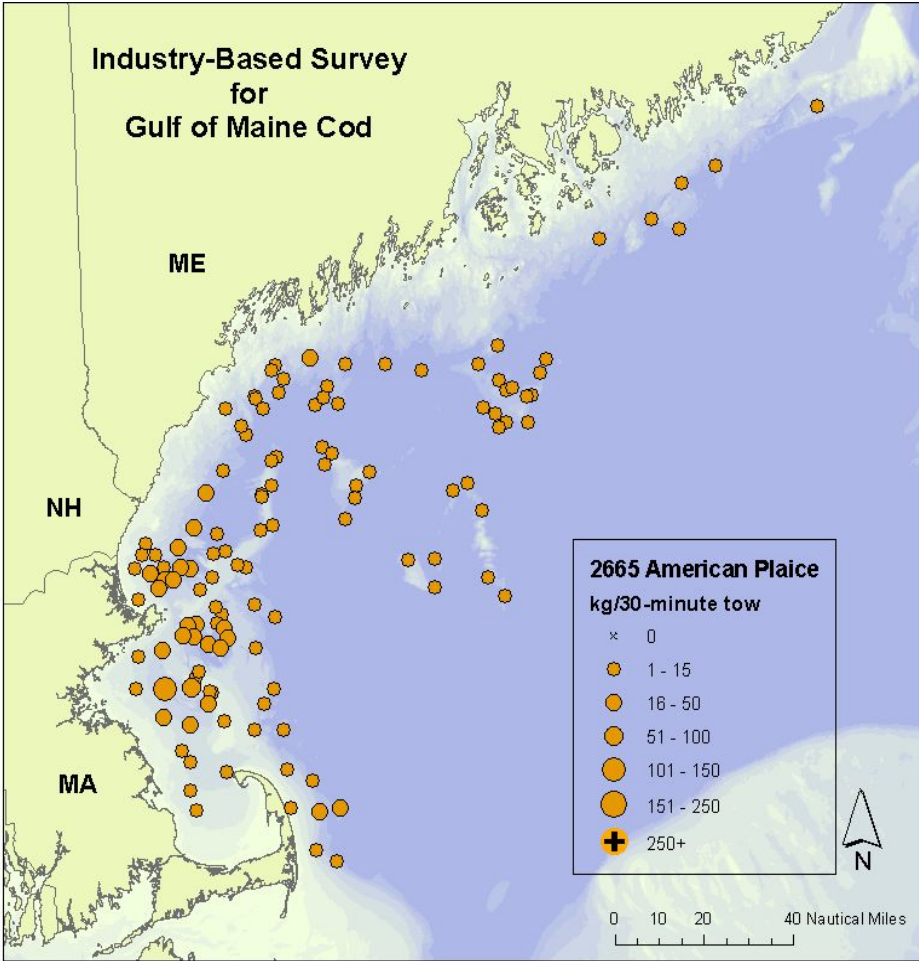


American Plaice
caught during the IBS for GOM cod survey

mid April - May
Year: 2007
Cruise: 2664



**Average number of fish at length for all tows where species were caught



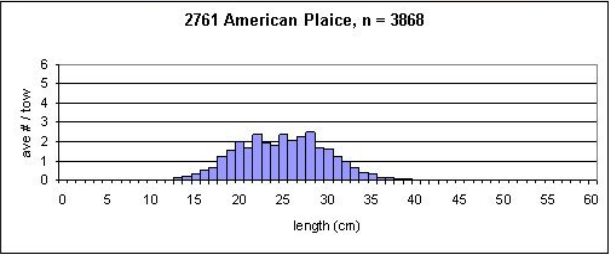
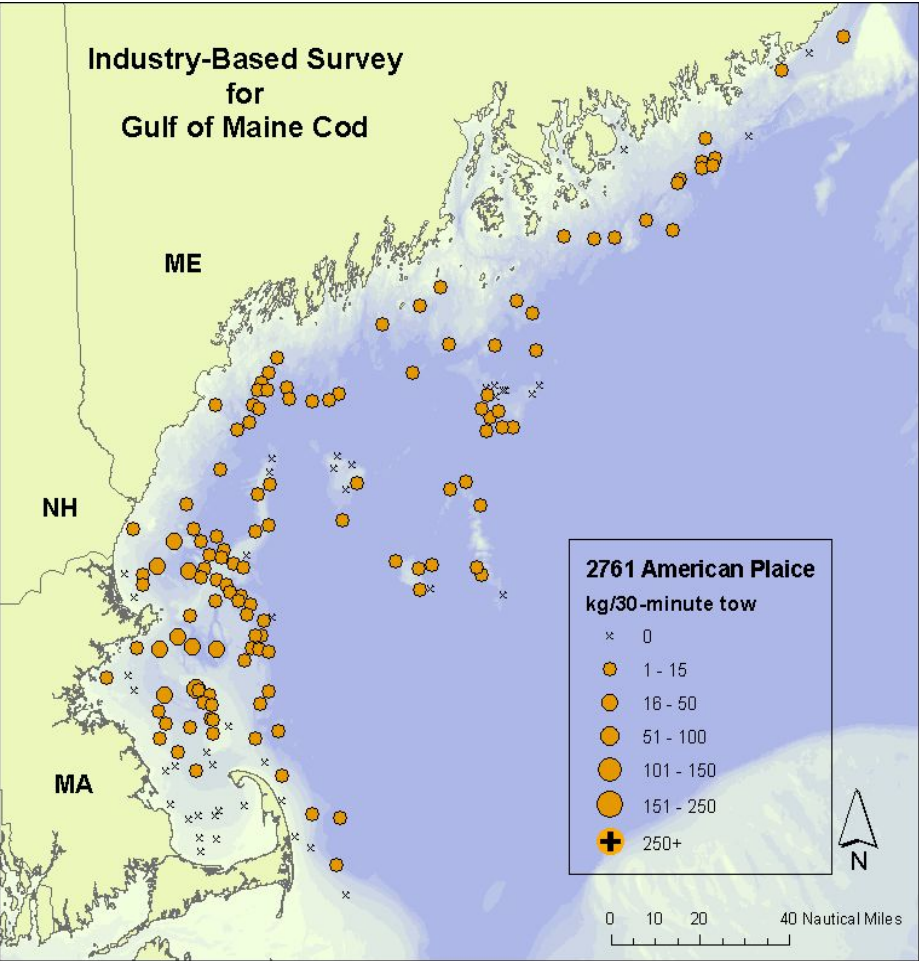
American Plaice
caught during the IBS for GOM cod survey

mid November - December
Year: 2006
Cruise: 2665



**Average number of fish at length for all tows where species were caught

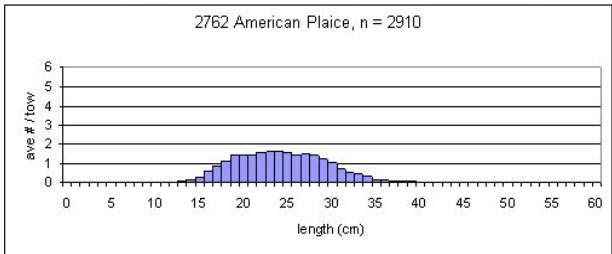
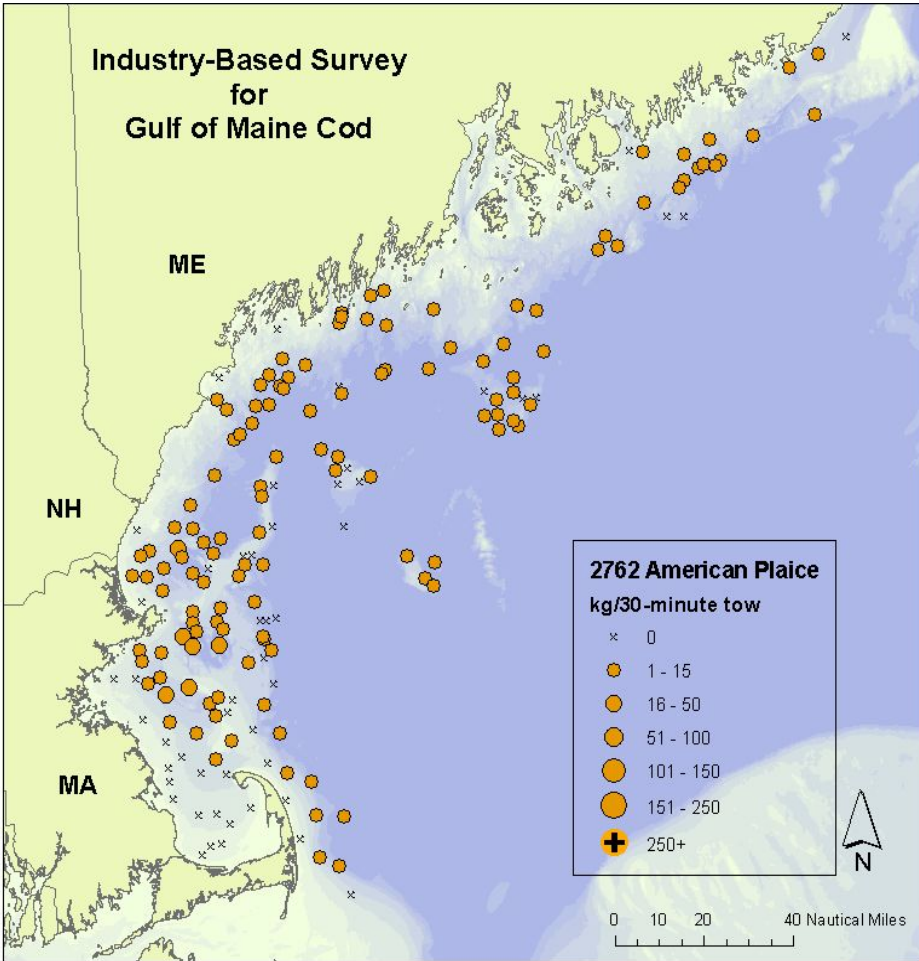
Appendix G. American Plaice



American Plaice
caught during the IBS for GOM cod survey
January - mid February
Year: 2007
Cruise: 2761



**Average number of fish at length for all tows where species were caught



American Plaice
caught during the IBS for GOM cod survey
mid February - mid March
Year: 2007
Cruise: 2762

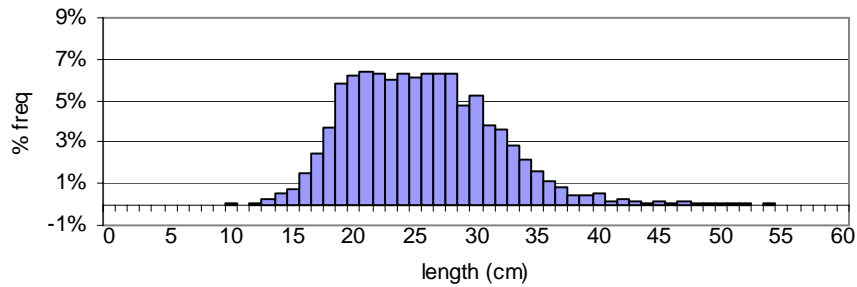


**Average number of fish at length for all tows where species were caught

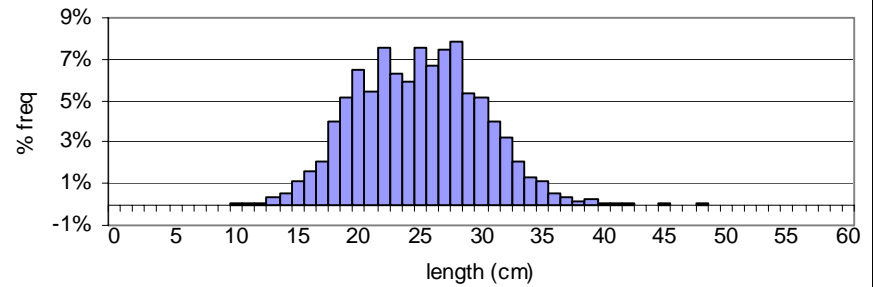
American Plaice

2006 -2007

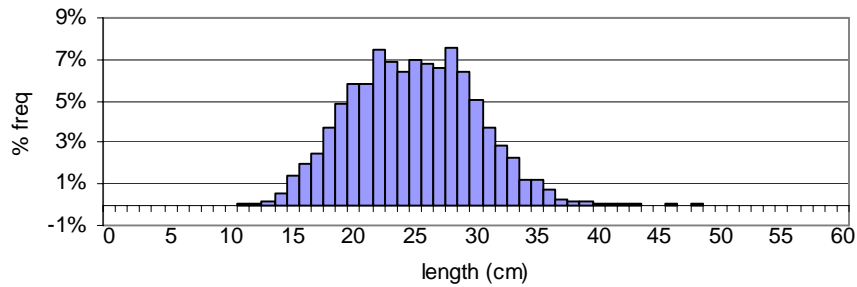
2664 mid April - May, 2006, n = 10187



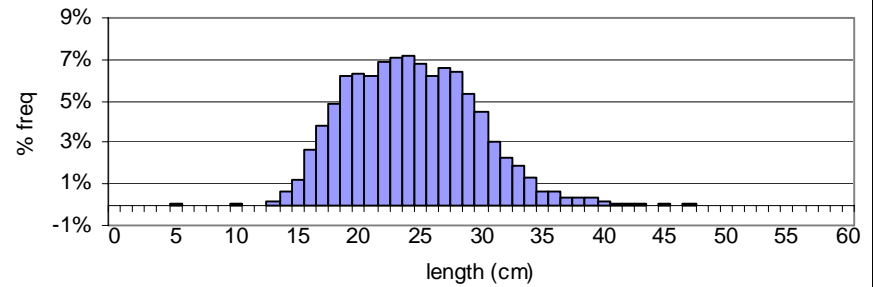
2761 January - mid February, 2007, n = 3868



2665 mid November - December, 2006, n = 8186



2762 mid February - mid March, 2007 n = 2910



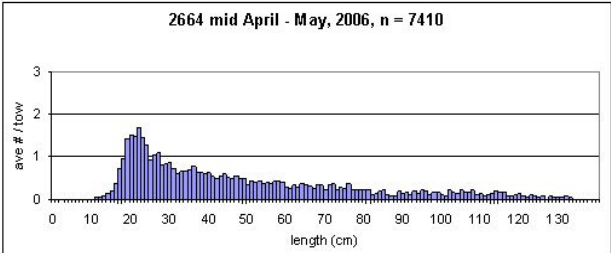
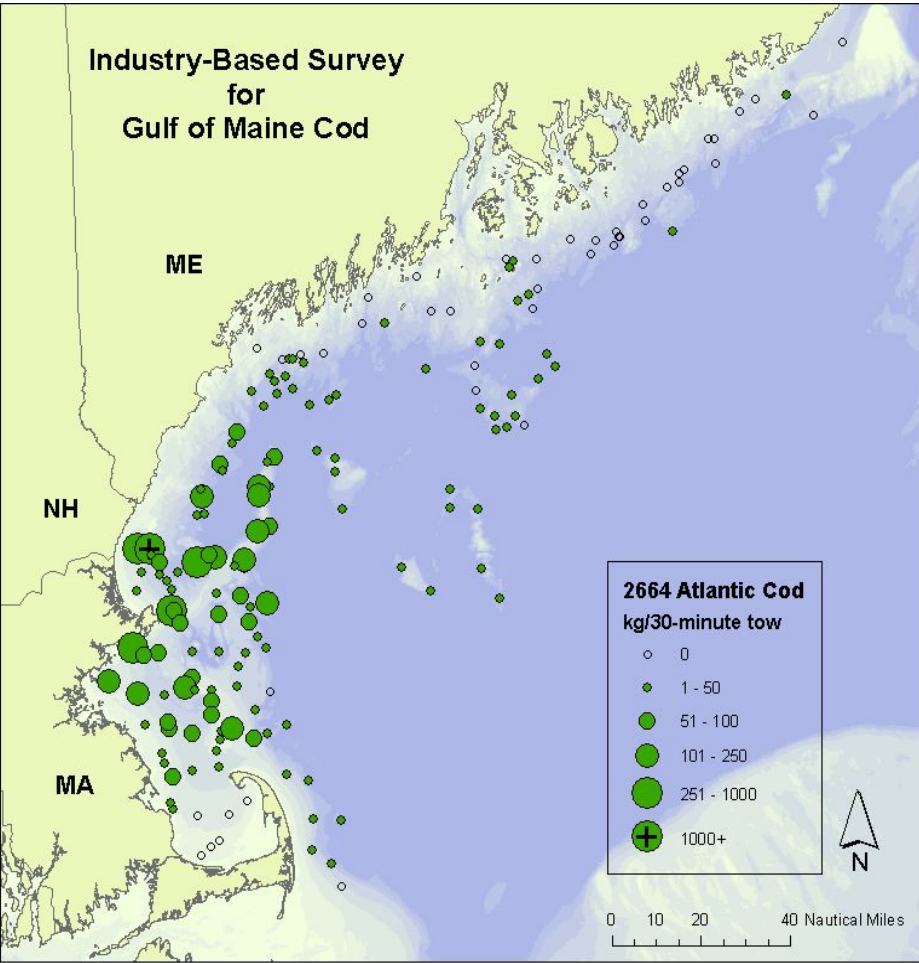
Industry-Based Survey for Gulf of Maine Cod

2006-2007 Survey Results

Atlantic Cod

Spatial and temporal distribution by cruise, average number of fish at length by cruise, and percent frequency at length by cruise

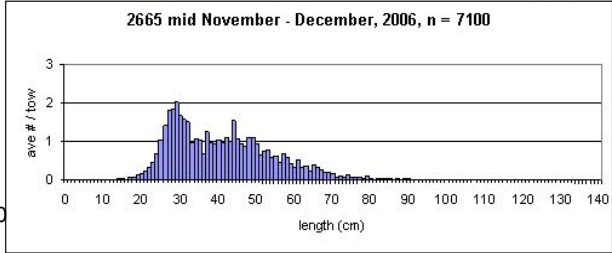
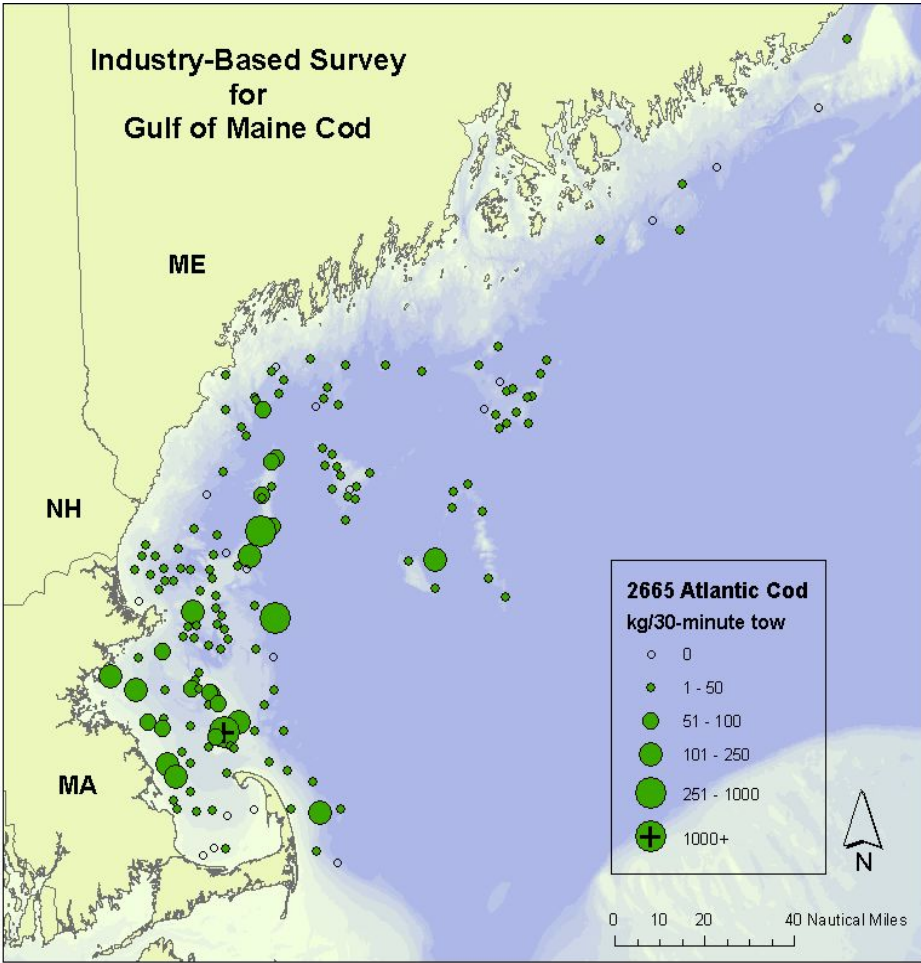
Appendix G. Atlantic Cod



Atlantic Cod
caught during the IBS for GOM cod survey
mid November - December
Year: 2006
Cruise: 2664



**Average number of fish at length for all tows

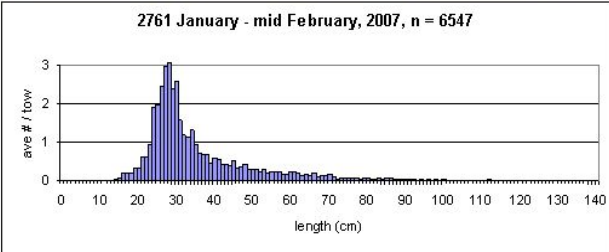
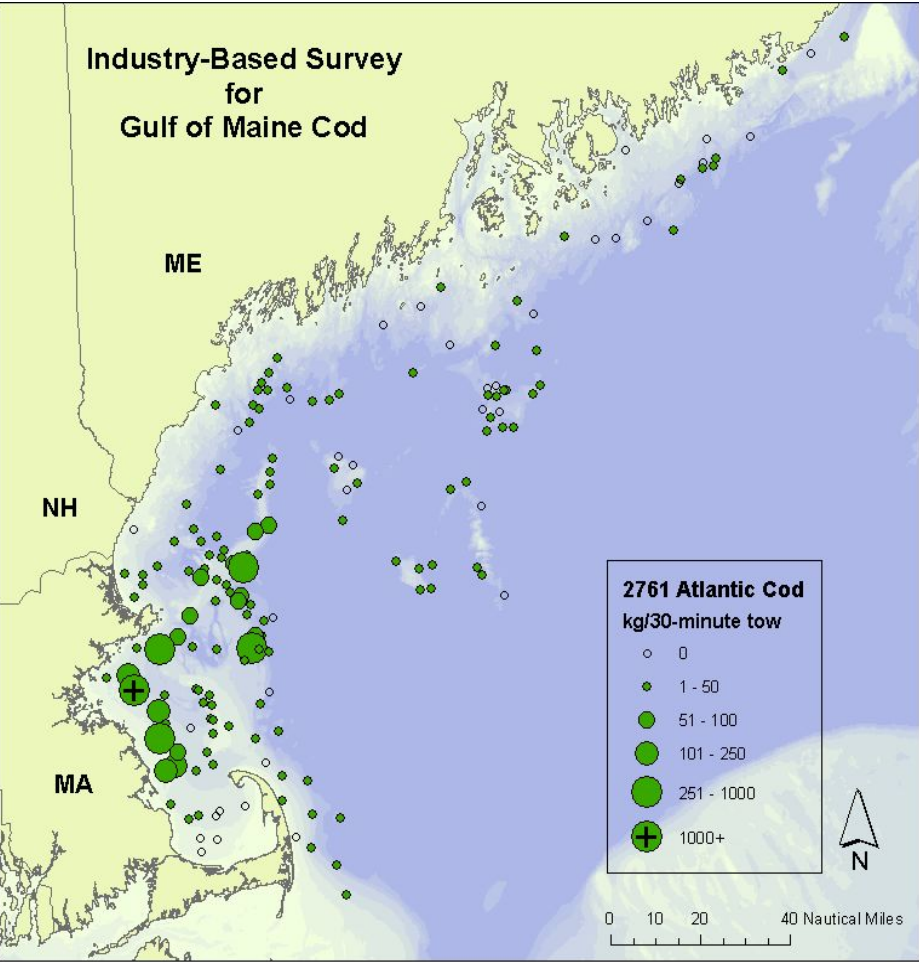


Atlantic Cod
caught during the IBS for GOM cod survey
mid November - December
Year: 2006
Cruise: 2665



**Average number of fish at length for all tows

Appendix G. Atlantic Cod

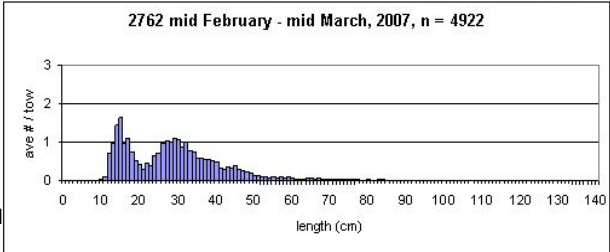
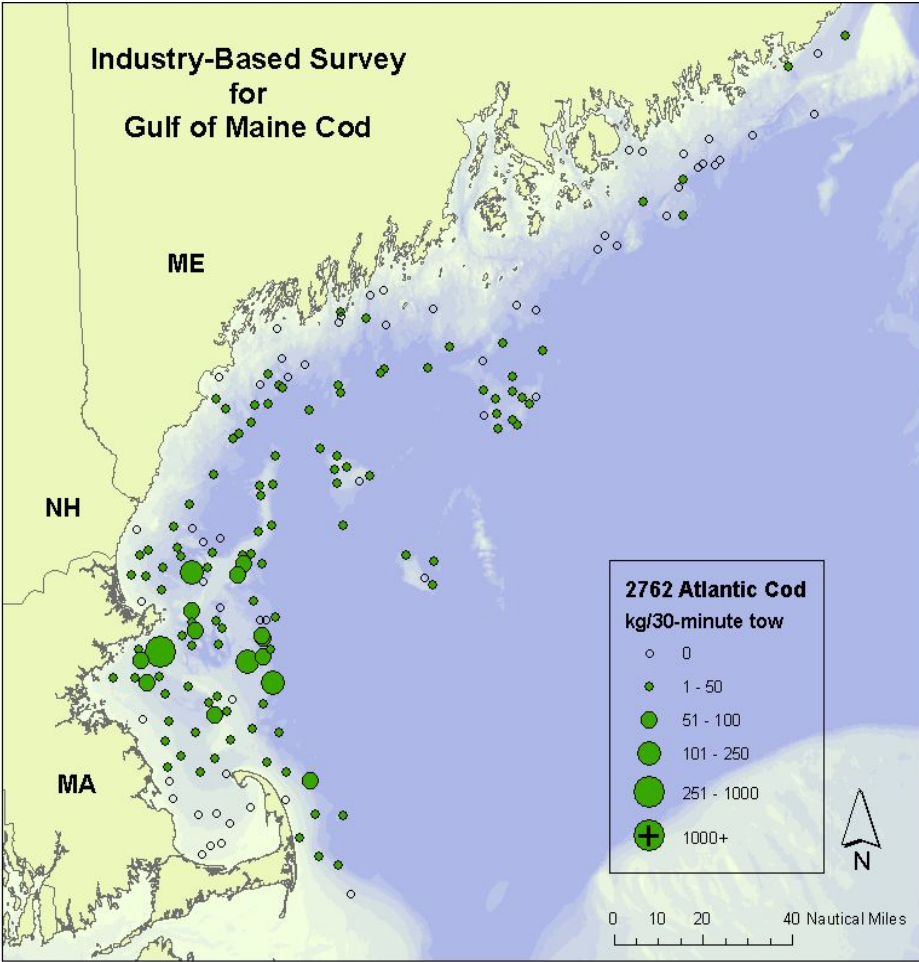


Atlantic Cod
caught during the IBS for GOM cod survey

January - mid February
Year: 2007
Cruise: 2761



**Average number of fish at length for all tows



Atlantic Cod
caught during the IBS for GOM cod survey

mid February - mid March
Year: 2007
Cruise: 2762

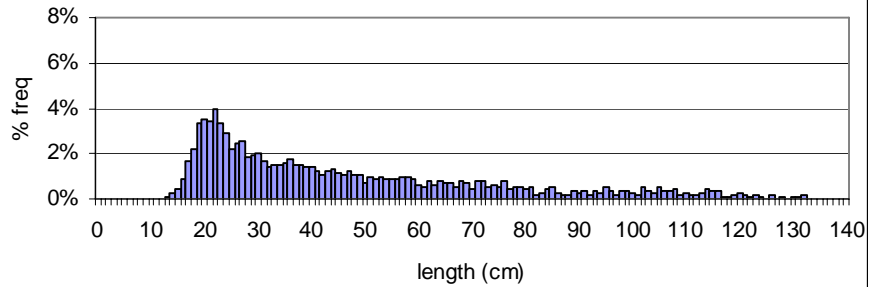


**Average number of fish at length for all tows

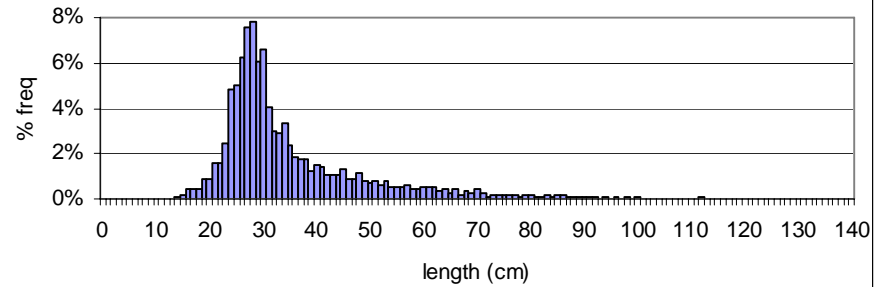
Atlantic Cod

2006 – 2007

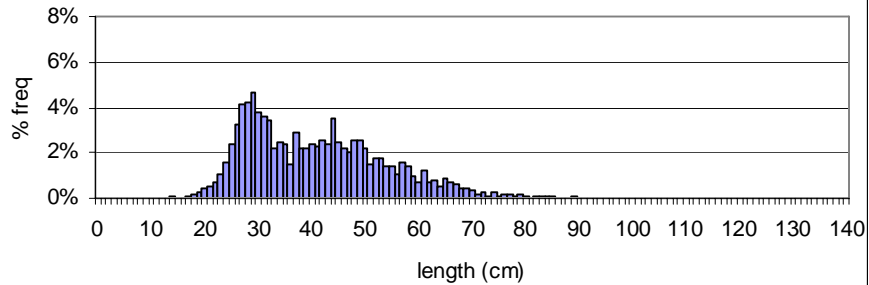
2664 mid April - May, 2006, n = 7410



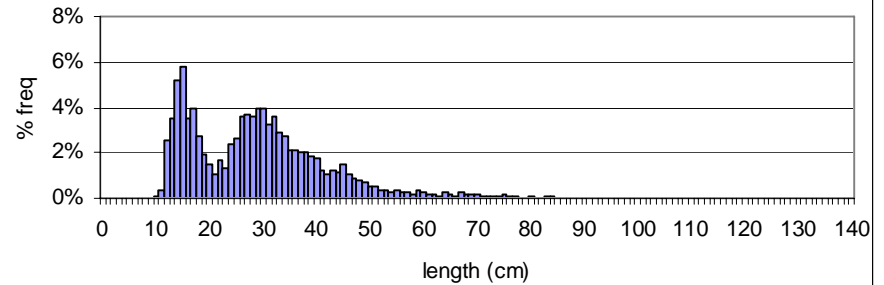
2761 January - mid March, 2007, n = 6547



2665 mid November - December, 2006, n = 7100



2762 mid February - mid March, 2007, n = 4922



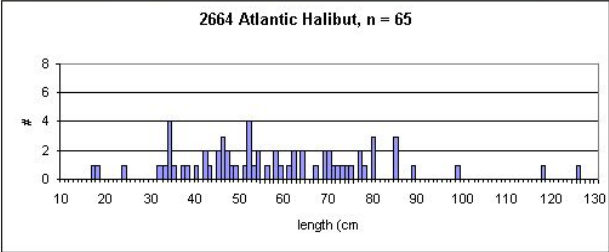
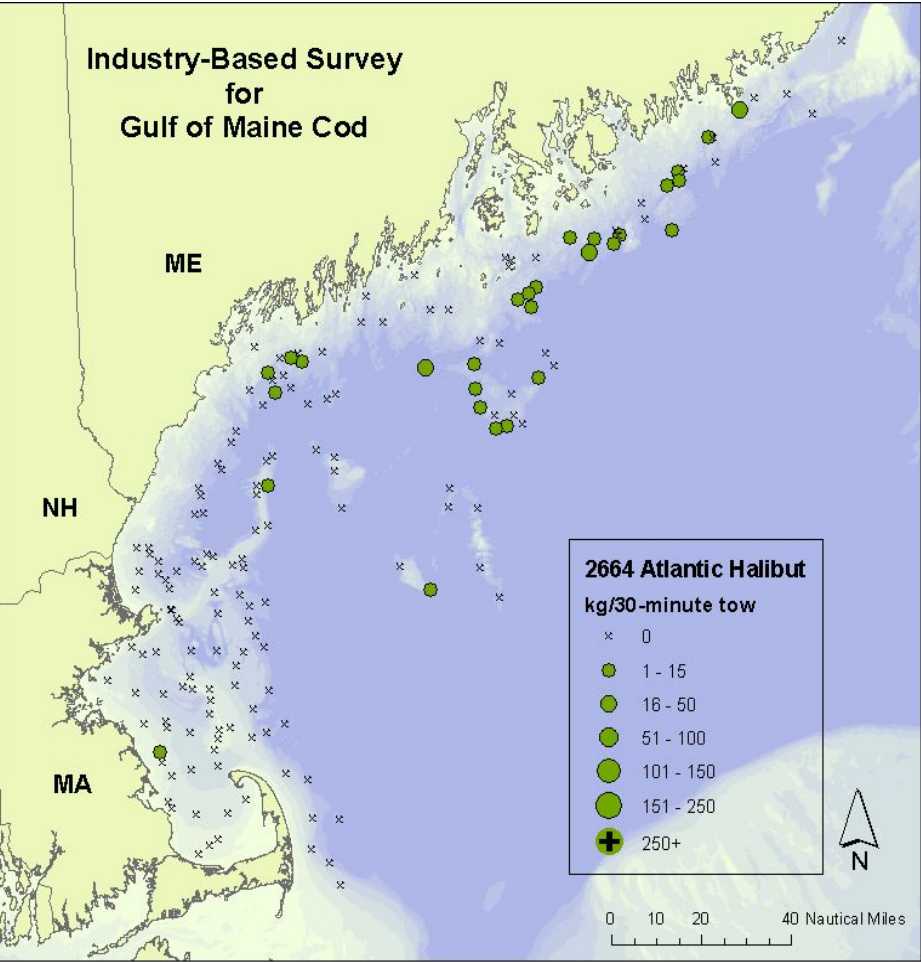
Industry-Based Survey for Gulf of Maine Cod

2006-2007 Survey Results

Atlantic Halibut

Spatial and temporal distribution by cruise, average number of fish at length where species were caught by cruise, and percent frequency at length by cruise

Appendix G. Atlantic Halibut

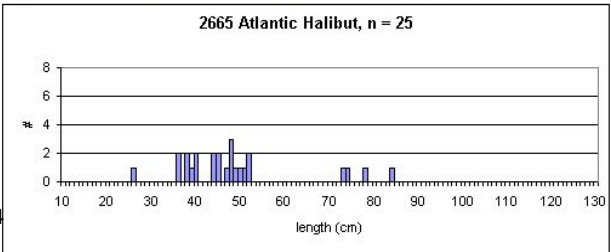
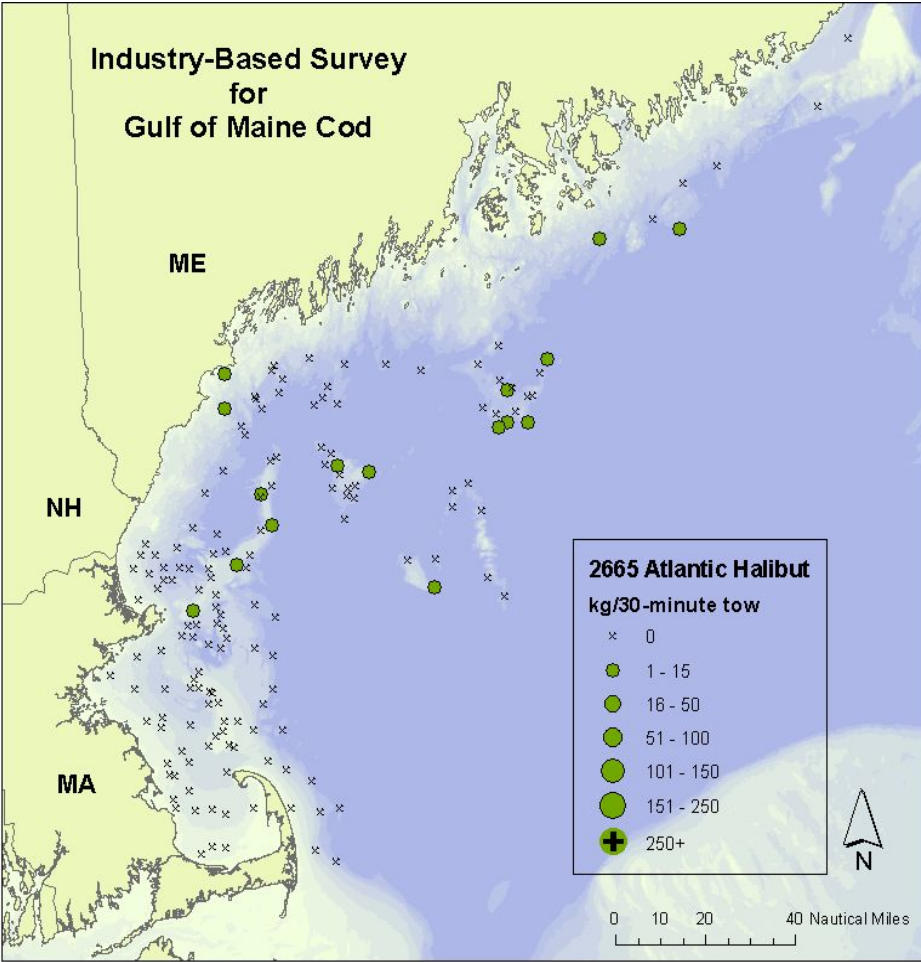


Atlantic Halibut
caught during the IBS for GOM cod survey

mid April - May
Year: 2006
Cruise: 2664



** Actual length frequency for all tows completed during cruise



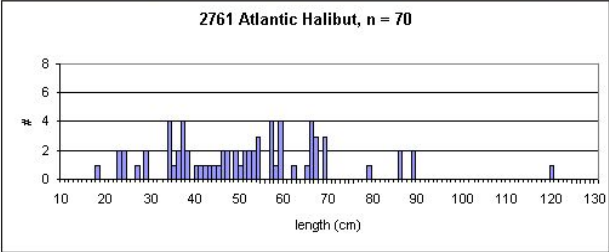
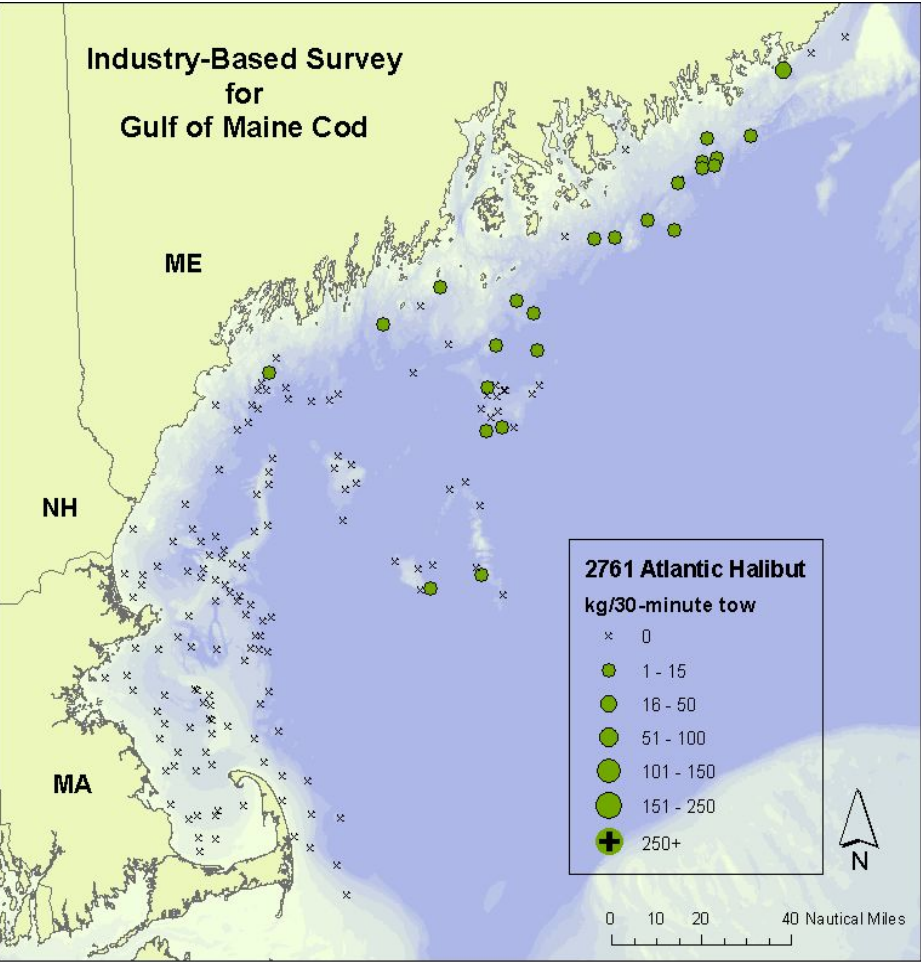
Atlantic Halibut
caught during the IBS for GOM cod survey

mid November - December
Year: 2006
Cruise: 2665



** Actual length frequency for all tows completed during cruise

Appendix G. Atlantic Halibut

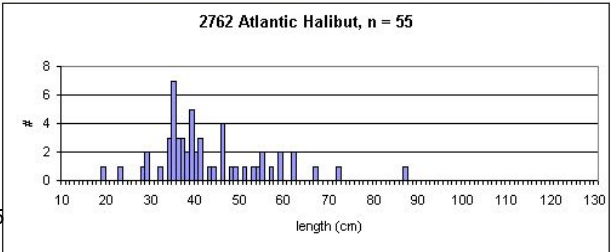
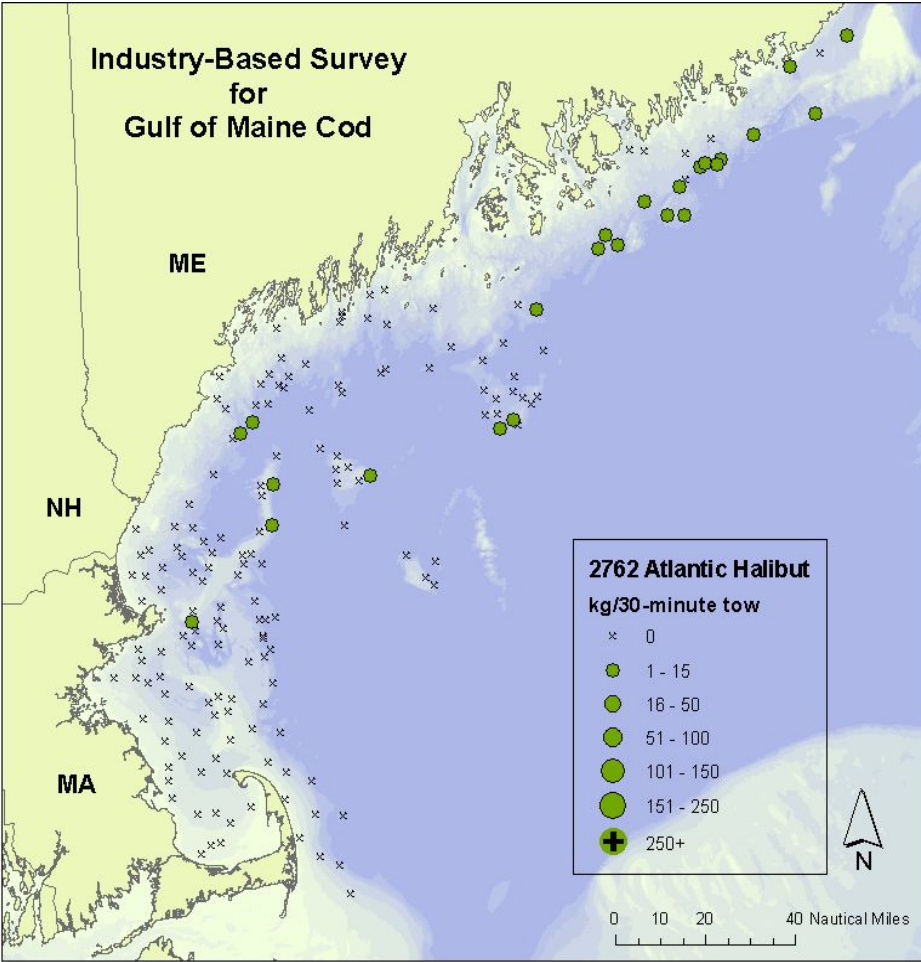


Atlantic Halibut
caught during the IBS for GOM cod survey

January - mid February
Year: 2007
Cruise: 2761



** Actual length frequency for all tows completed during cruise



Atlantic Halibut
caught during the IBS for GOM cod survey

mid February - March
Year: 2007
Cruise: 2762

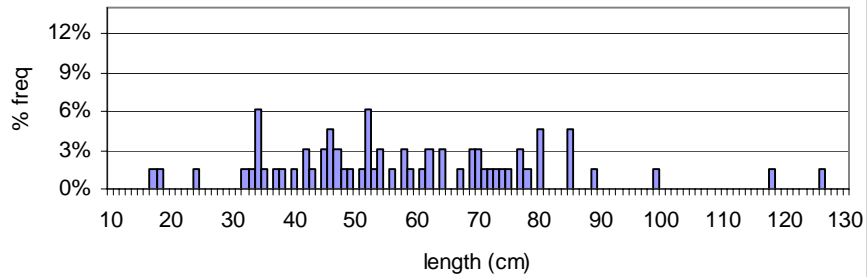


** Actual length frequency for all tows completed during cruise

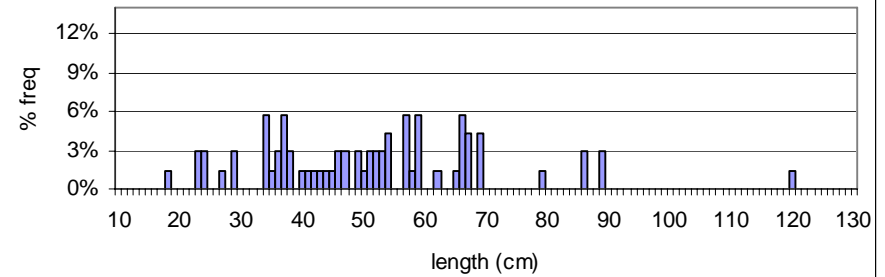
Atlantic Halibut

2006 – 2007

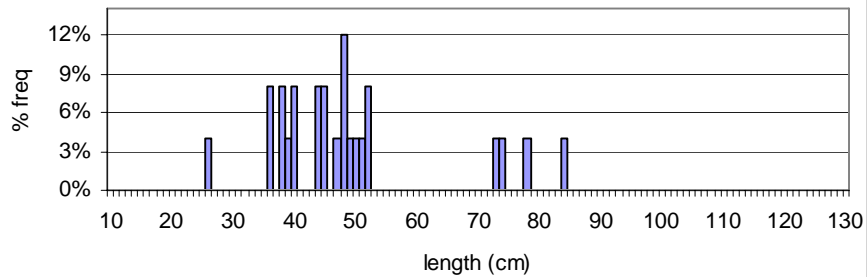
2664 mid April - May, 2006, n = 65



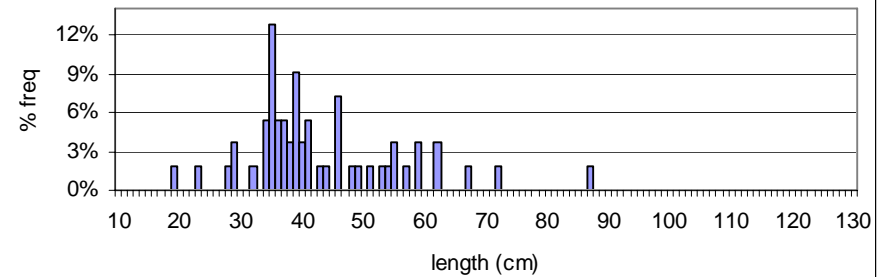
2761 January - mid February, 2007, n = 70



2665 mid November - December, 2006, n = 25



2762 mid February - mid March, 2007, n = 55



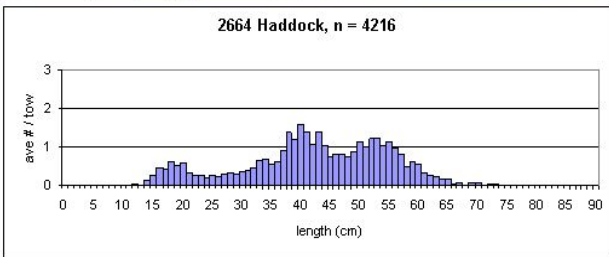
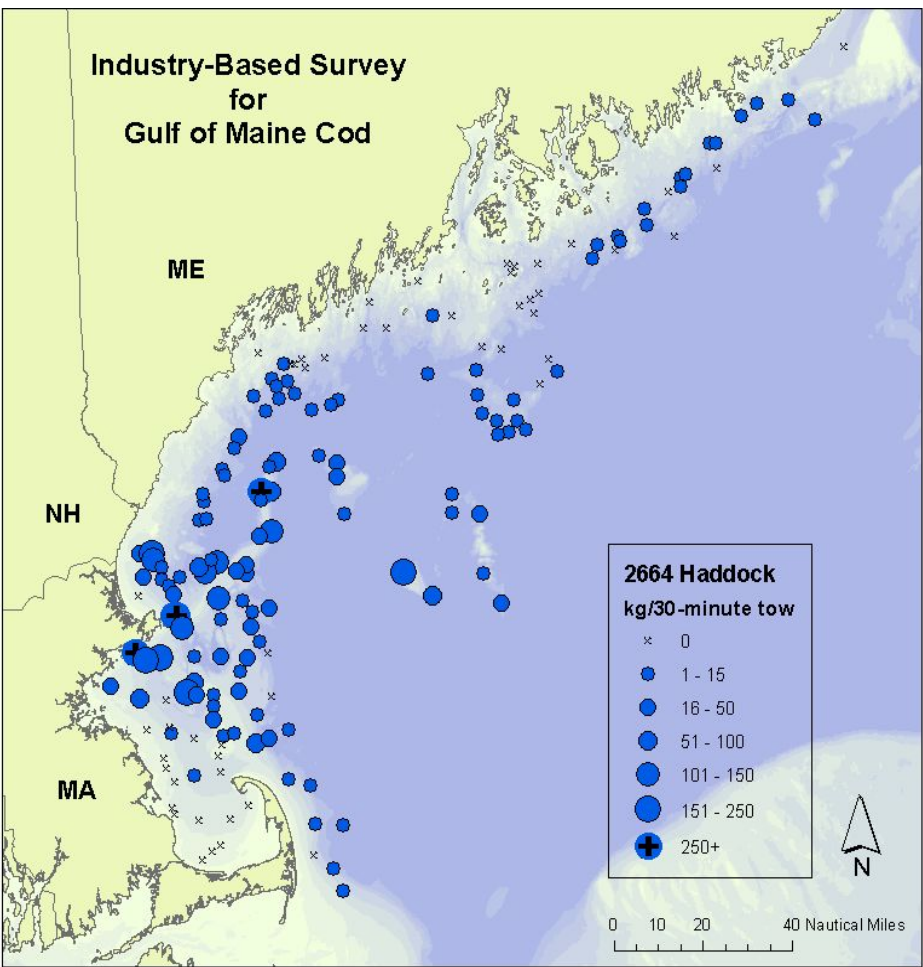
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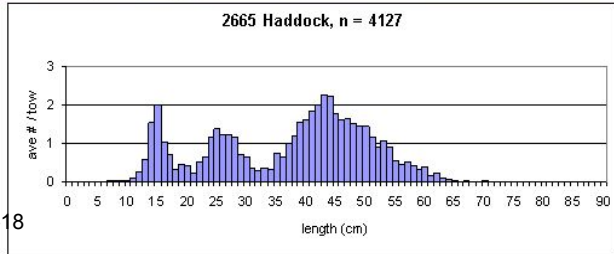
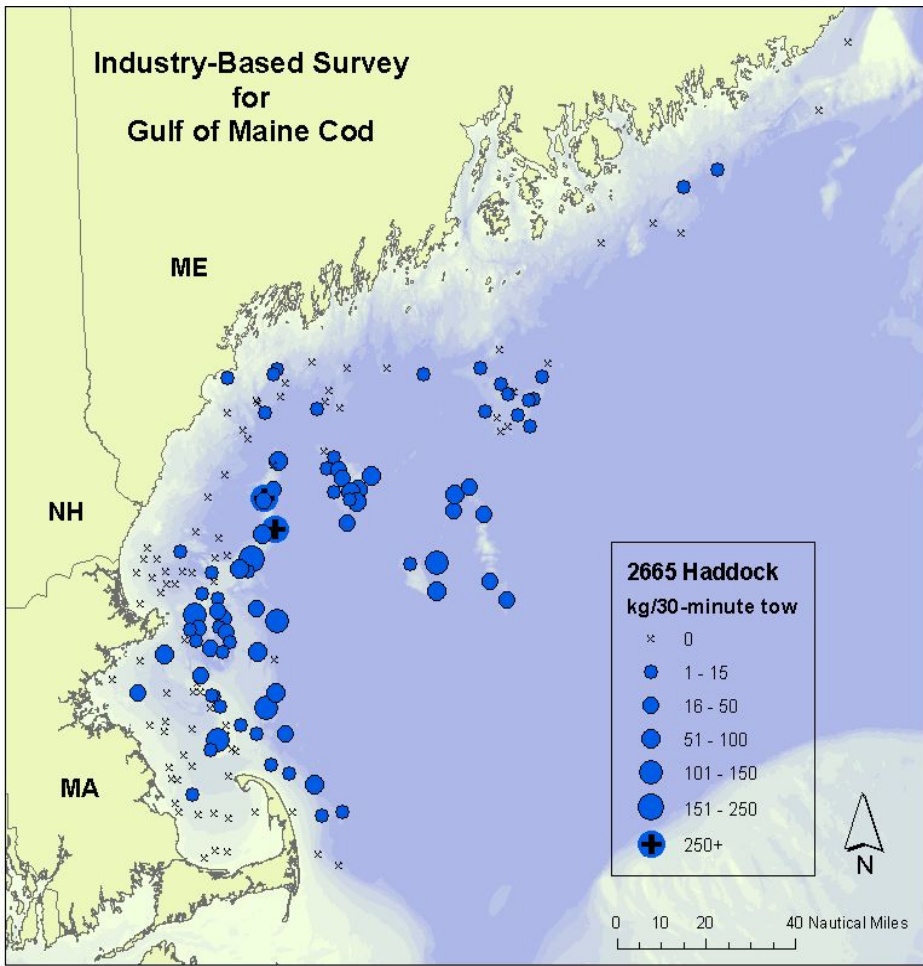
Haddock

Spatial and temporal distribution by cruise, average number of fish at length where species were caught by cruise, and percent frequency at length by cruise

Appendix G. Haddock



Haddock
caught during the IBS for GOM cod survey
mid April - May
Year: 2006
Cruise: 2664



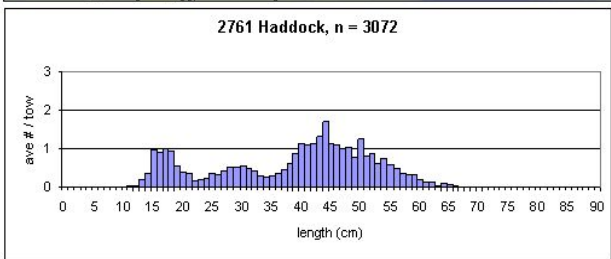
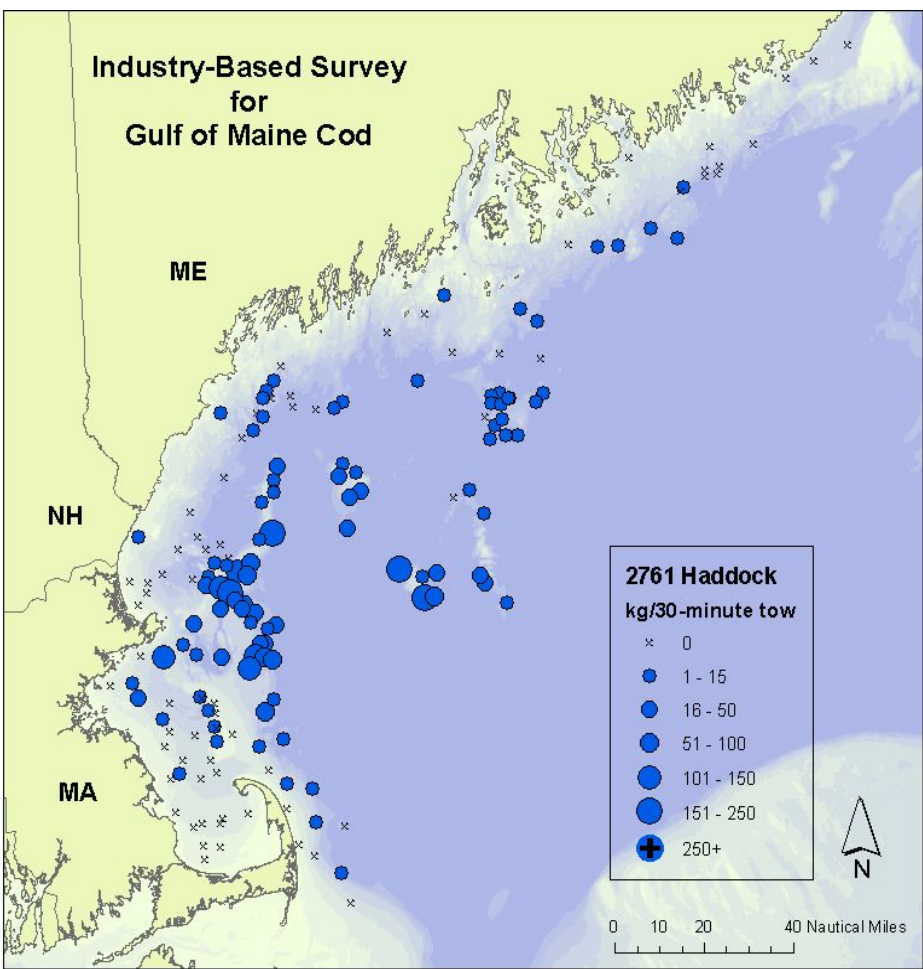
Haddock
caught during the IBS for GOM cod survey
mid November - December
Year: 2006
Cruise: 2665



**Average number of fish at length for all tows where species were caught

**Average number of fish at length for all tows where species were caught

Appendix G. Haddock

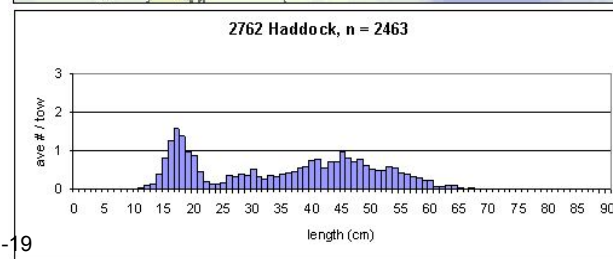
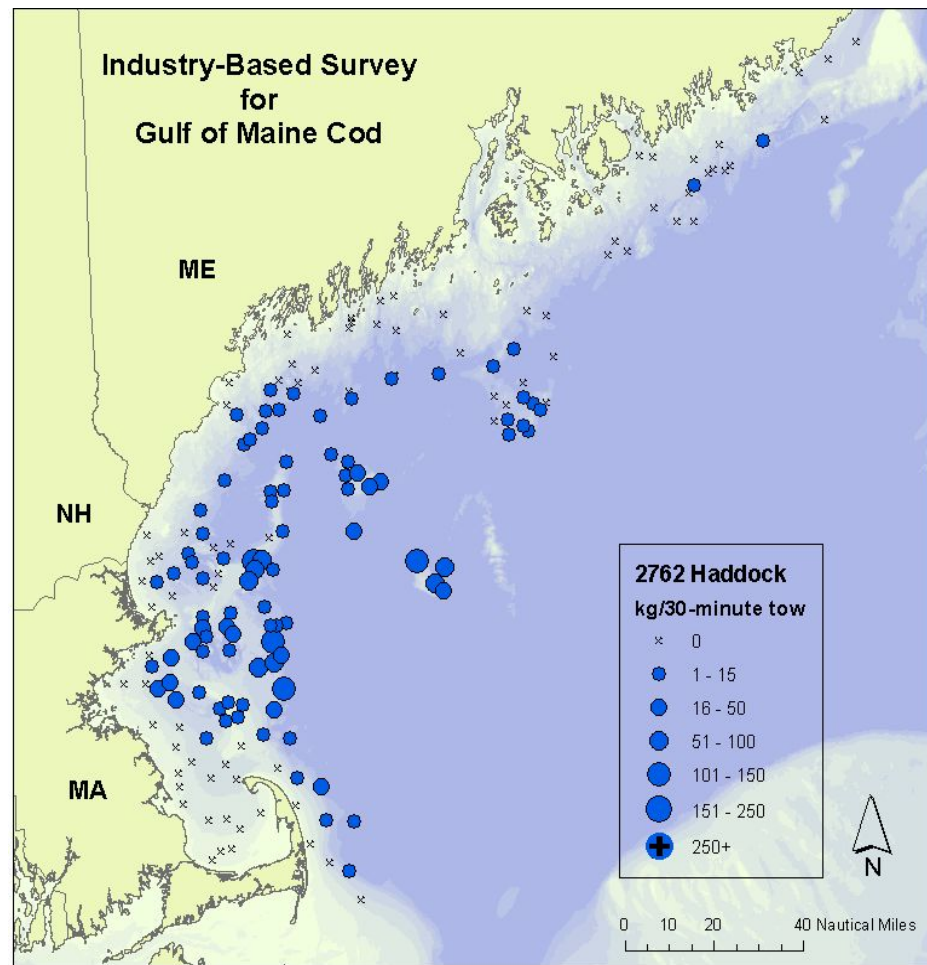


Haddock
caught during the IBS for GOM cod survey

January - mid February
Year: 2007
Cruise: 2761



**Average number of fish at length for all tows where species were caught



Haddock
caught during the IBS for GOM cod survey

mid February - mid April
Year: 2007
Cruise: 2762



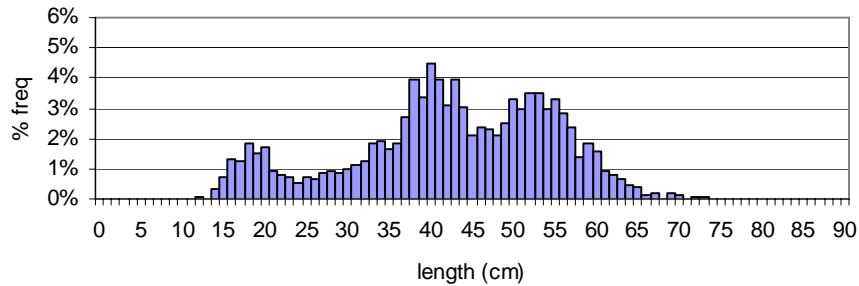
G-19

**Average number of fish at length for all tows where species were caught

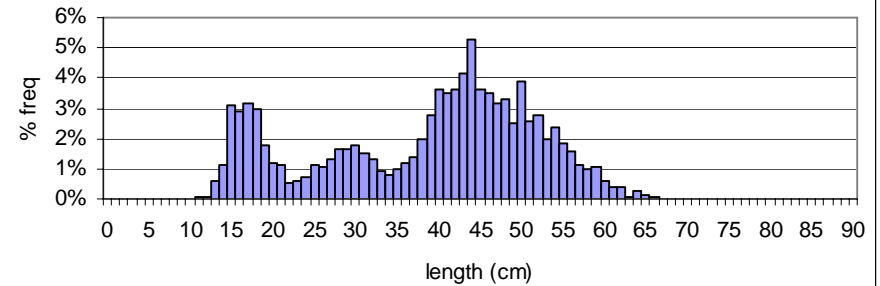
Haddock

2006 – 2007

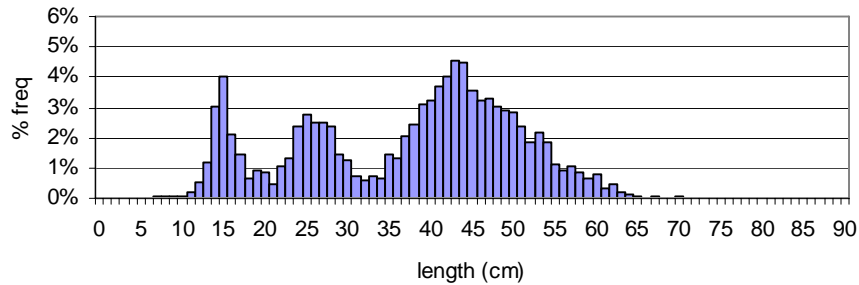
2664 mid April - May, 2006, n = 4216



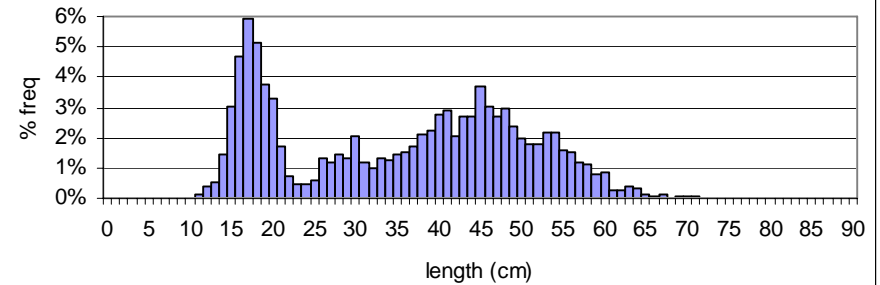
2761 January - mid February, 2007, n = 3072



2665 mid November - December, 2006, n = 4127



2762 mid February - mid March, 2007, n = 2463



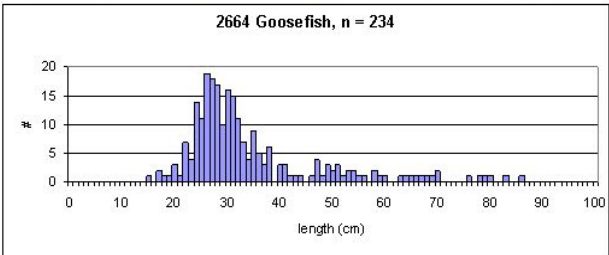
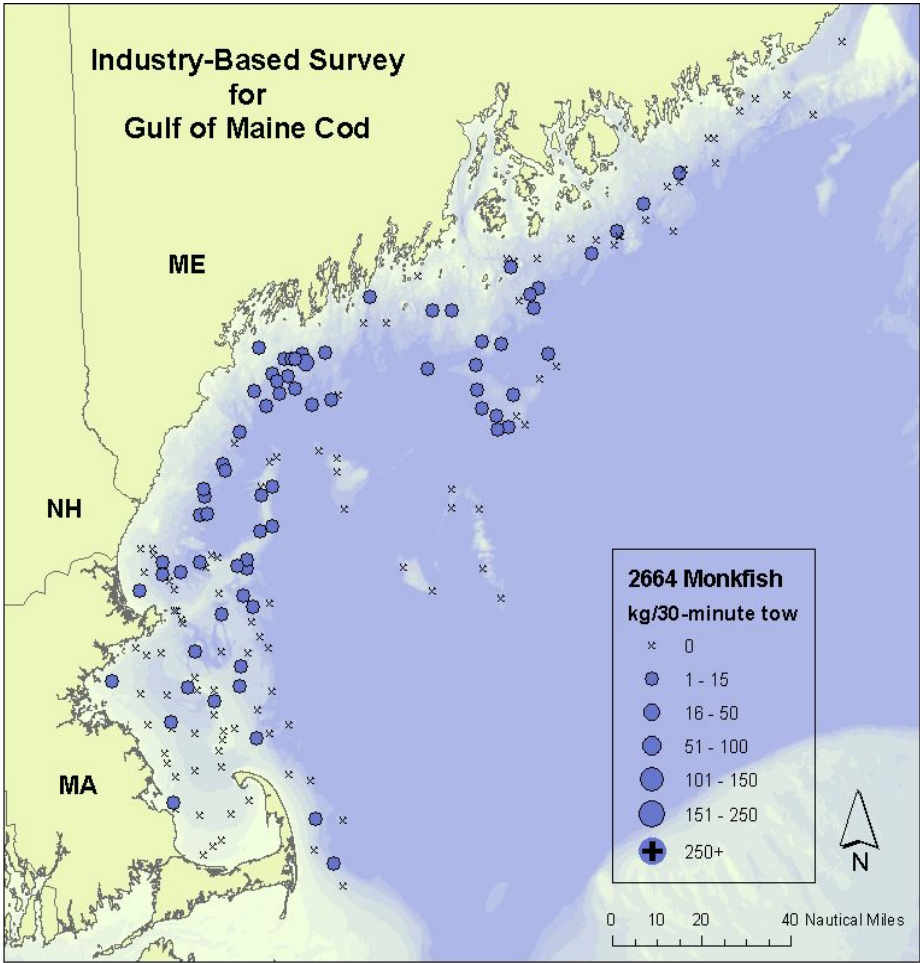
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Monkfish

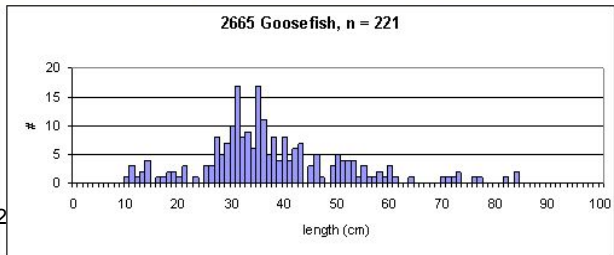
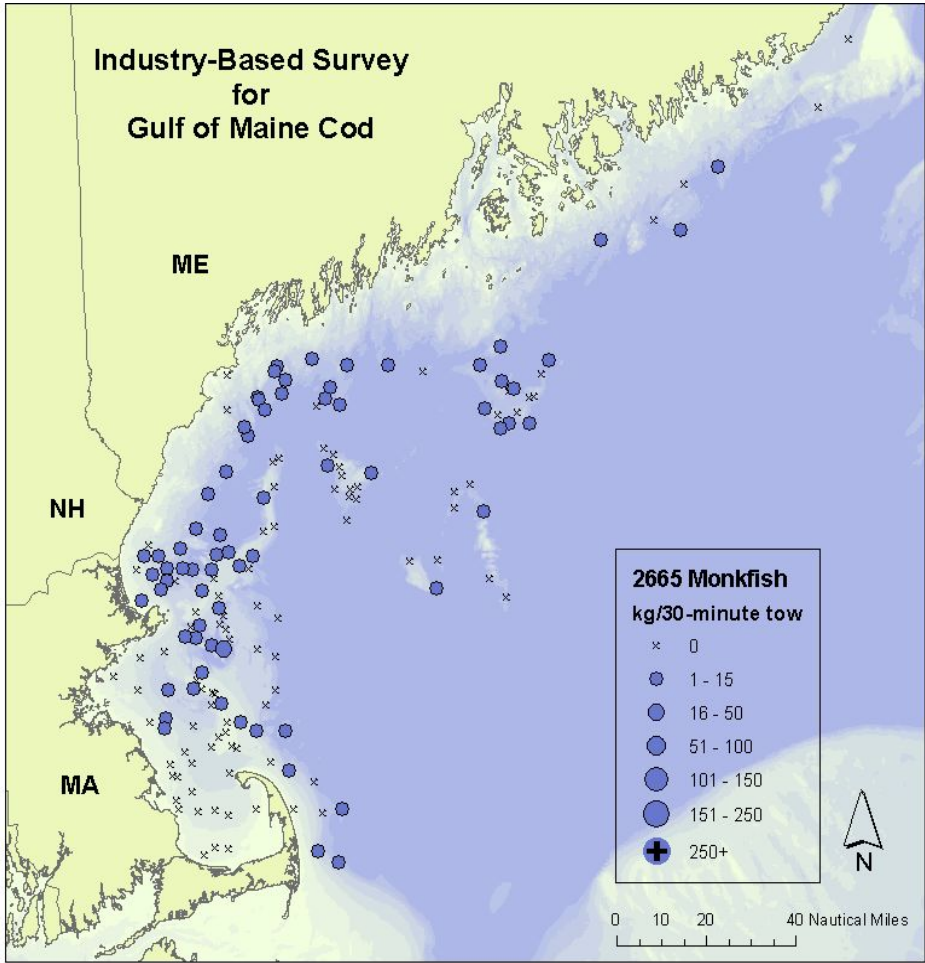
Spatial and temporal distribution by cruise, average number of fish at length where species were caught by cruise, and percent frequency at length by cruise

Appendix G. Monkfish



** Actual length frequency for all tows completed during cruise

Monkfish
caught during the IBS for GOM cod survey
mid April - May
Year: 2006
Cruise: 2664

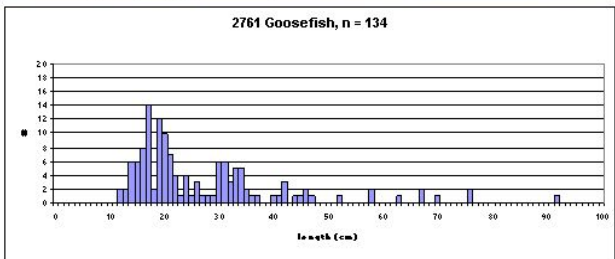
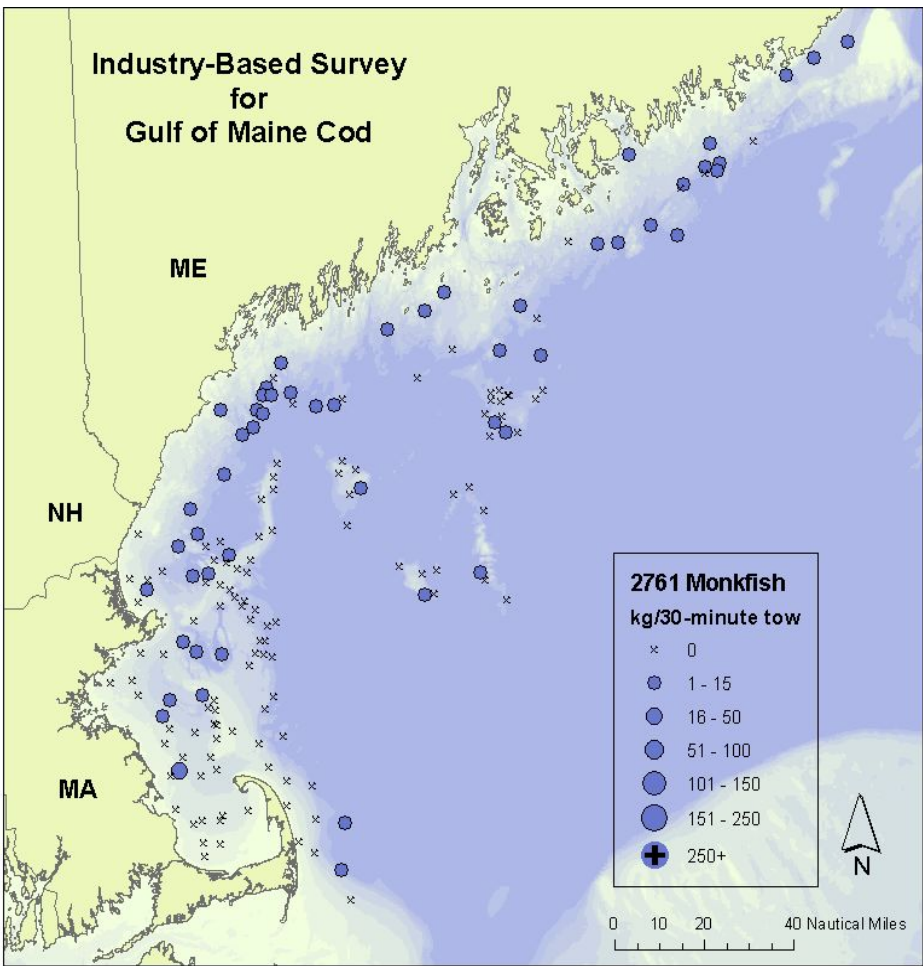


** Actual length frequency for all tows completed during cruise

Monkfish
caught during the IBS for GOM cod survey
Mid November - December
Year: 2006
Cruise: 2665



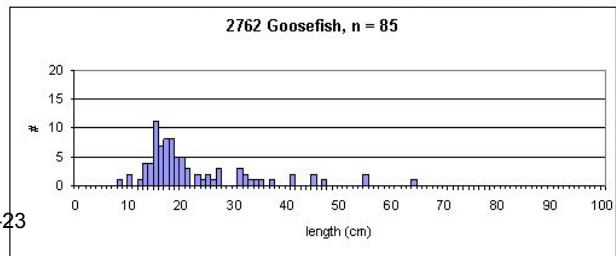
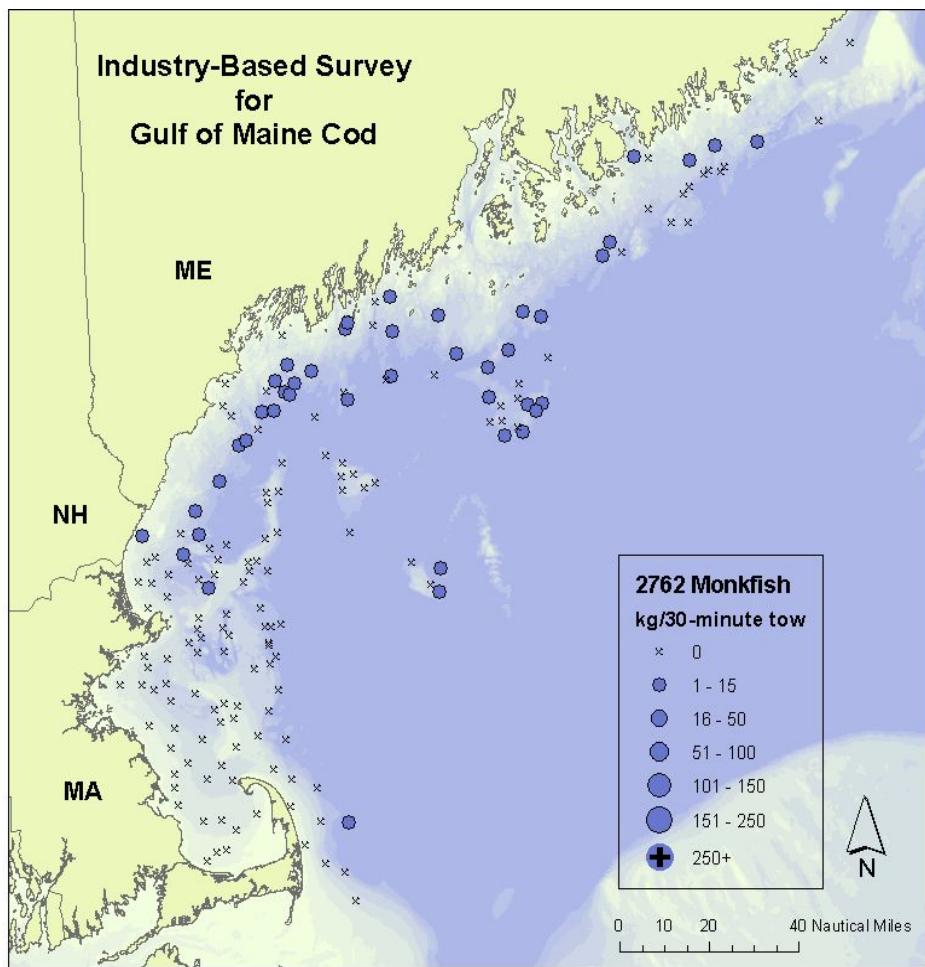
Appendix G. Monkfish



Monkfish
caught during the IBS for GOM cod survey
January - mid February
Year: 2007
Cruise: 2761



** Actual length frequency for all tows completed during cruise



Monkfish
caught during the IBS for GOM cod survey
mid February - mid March
Year: 2007
Cruise: 2762



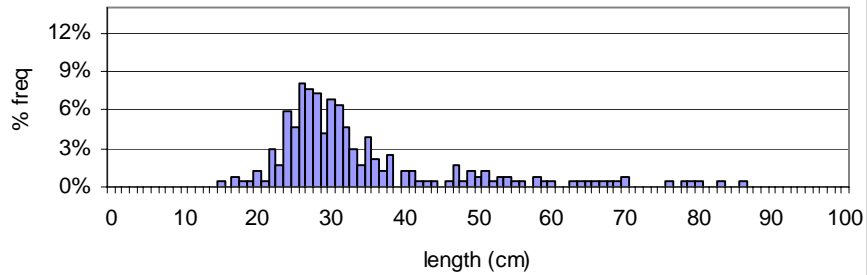
G-23

** Actual length frequency for all tows completed during cruise

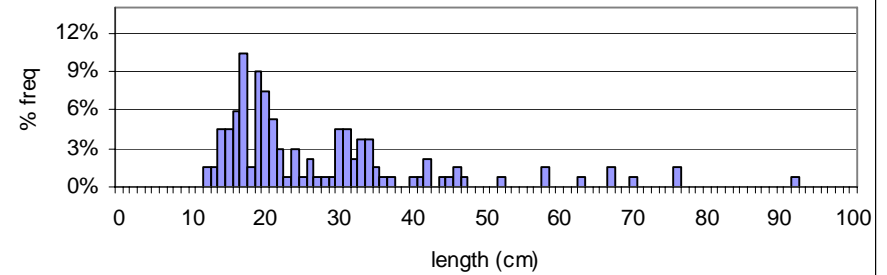
Monkfish

2006 – 2007

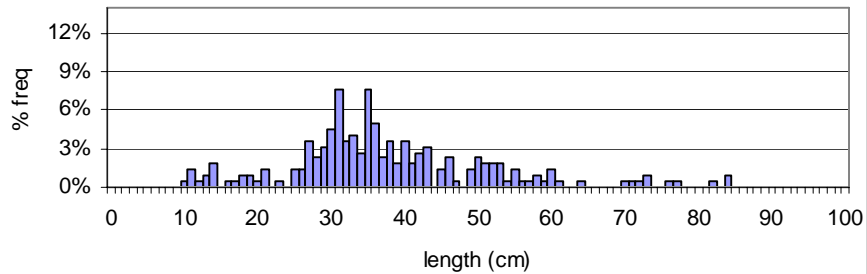
2664 mid April - May, 2006, n = 234



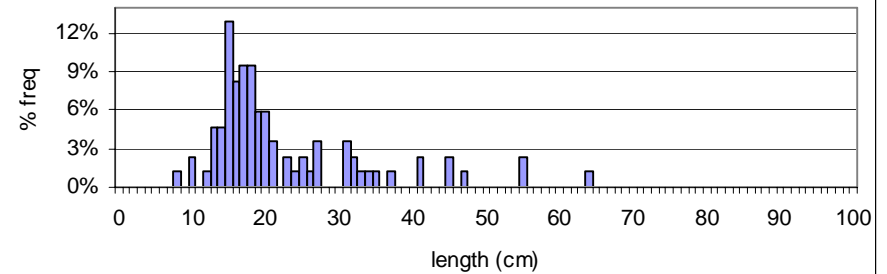
2761 January - mid February, 2007, n = 134



2665 mid November - December, 2006, n = 221



2762 mid February - mid March, 2007, n = 85



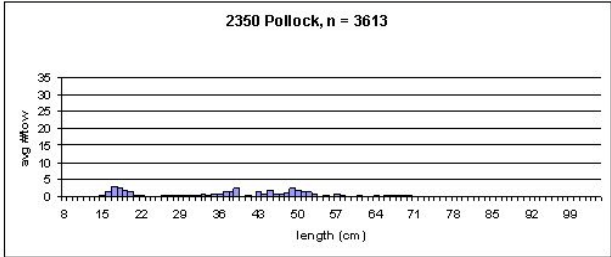
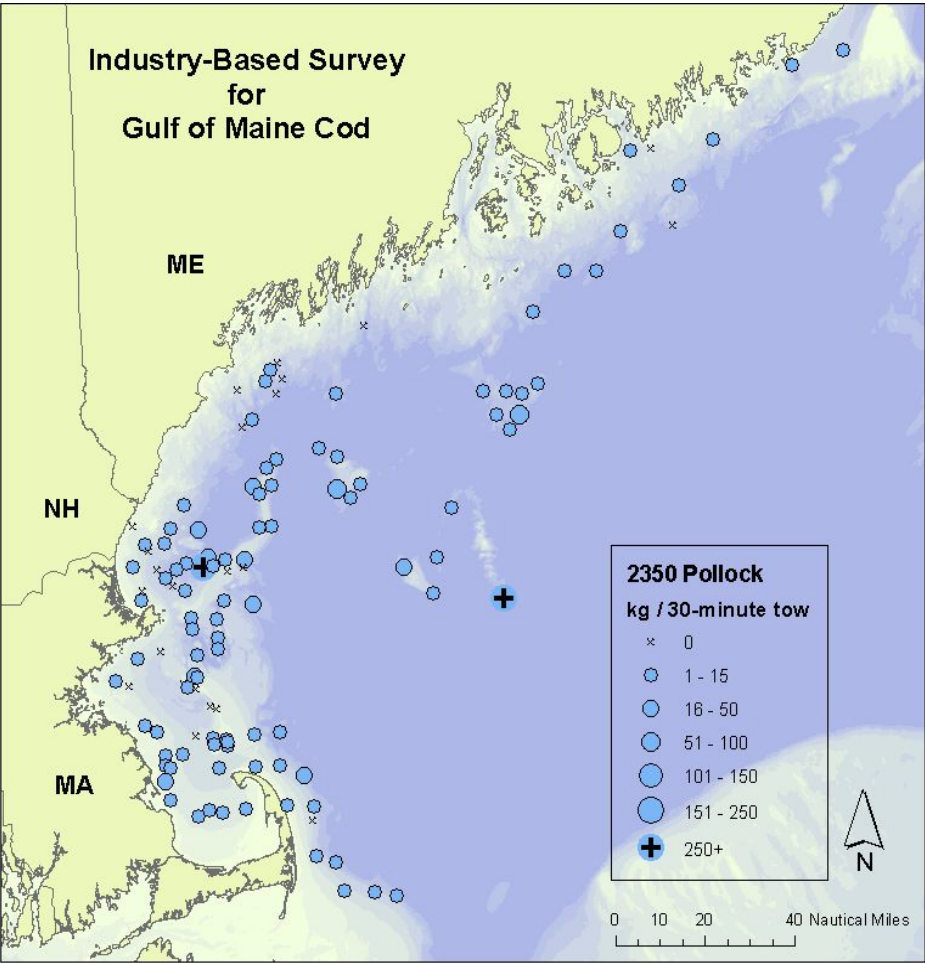
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2006-2007 Survey Results

Pollock

Spatial and temporal distribution by cruise, average number of fish at length where species were caught by cruise, and percent frequency at length by cruise

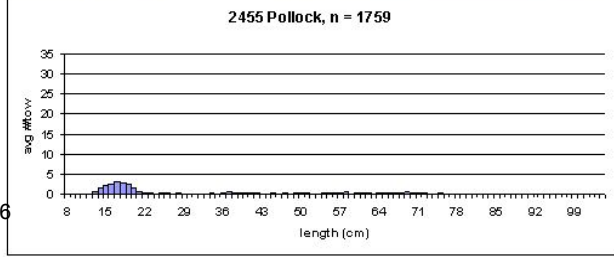
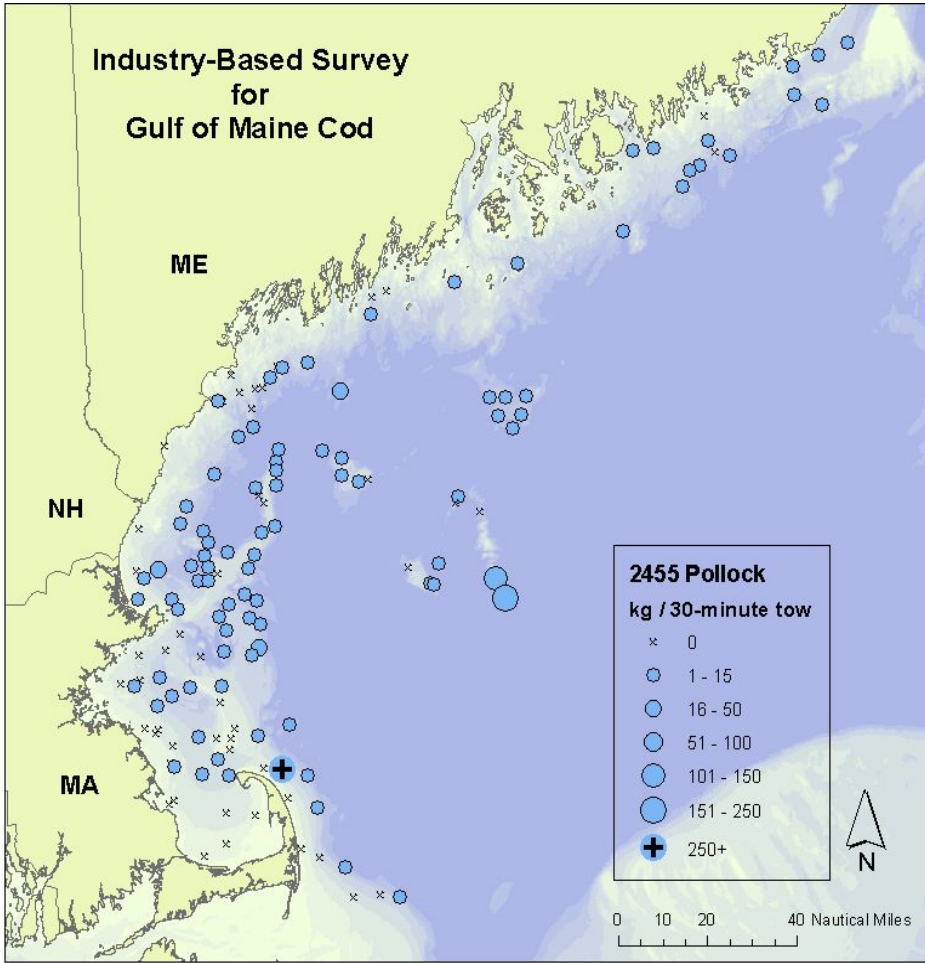
Appendix G. Pollock



Pollock
caught during the IBS for GOM cod survey
mid November - December
Year: 2003
Cruise: 2350



**Average number of fish at length for all tows where species were caught

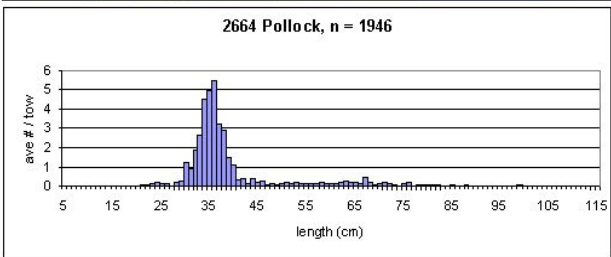
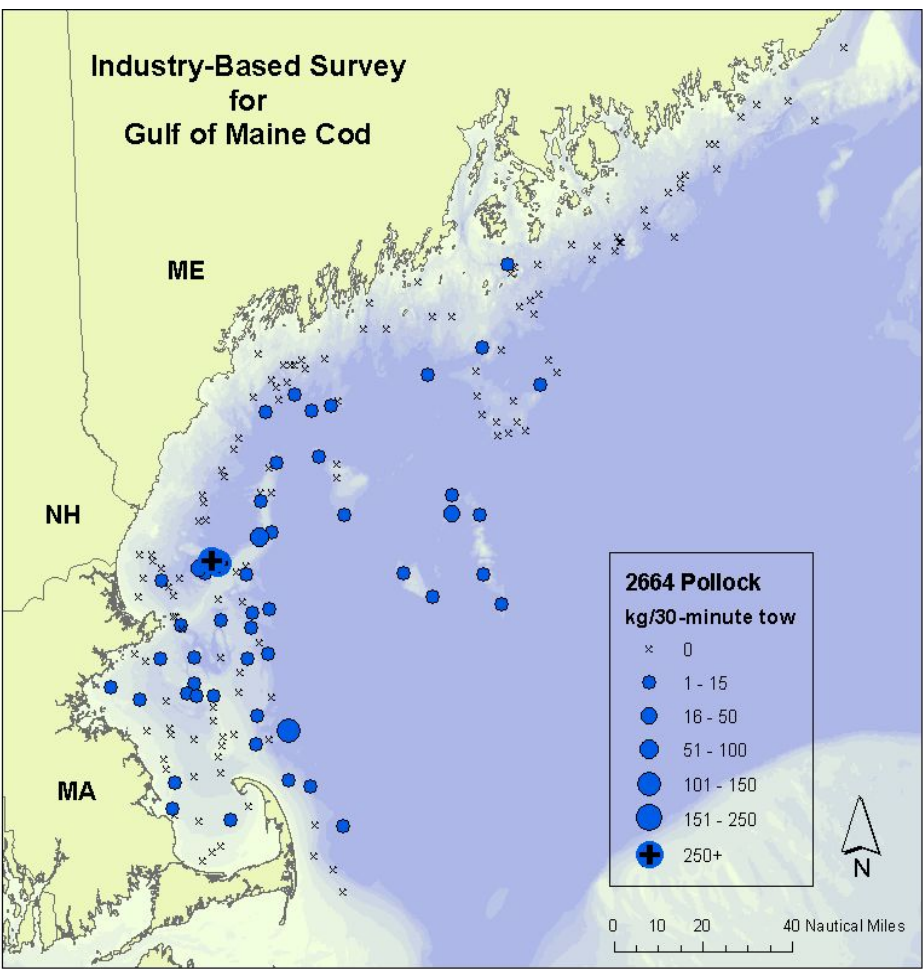


Pollock
caught during the IBS for GOM cod survey
January - Mid February
Year: 2004
Cruise: 2455



**Average number of fish at length for all tows where species were caught

Appendix G. Pollock

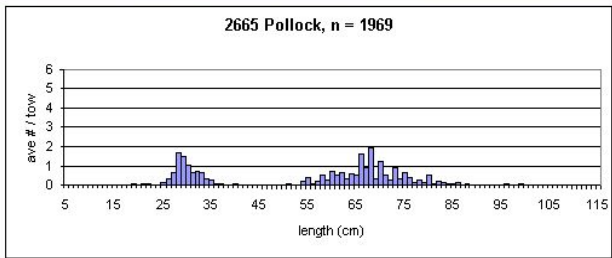
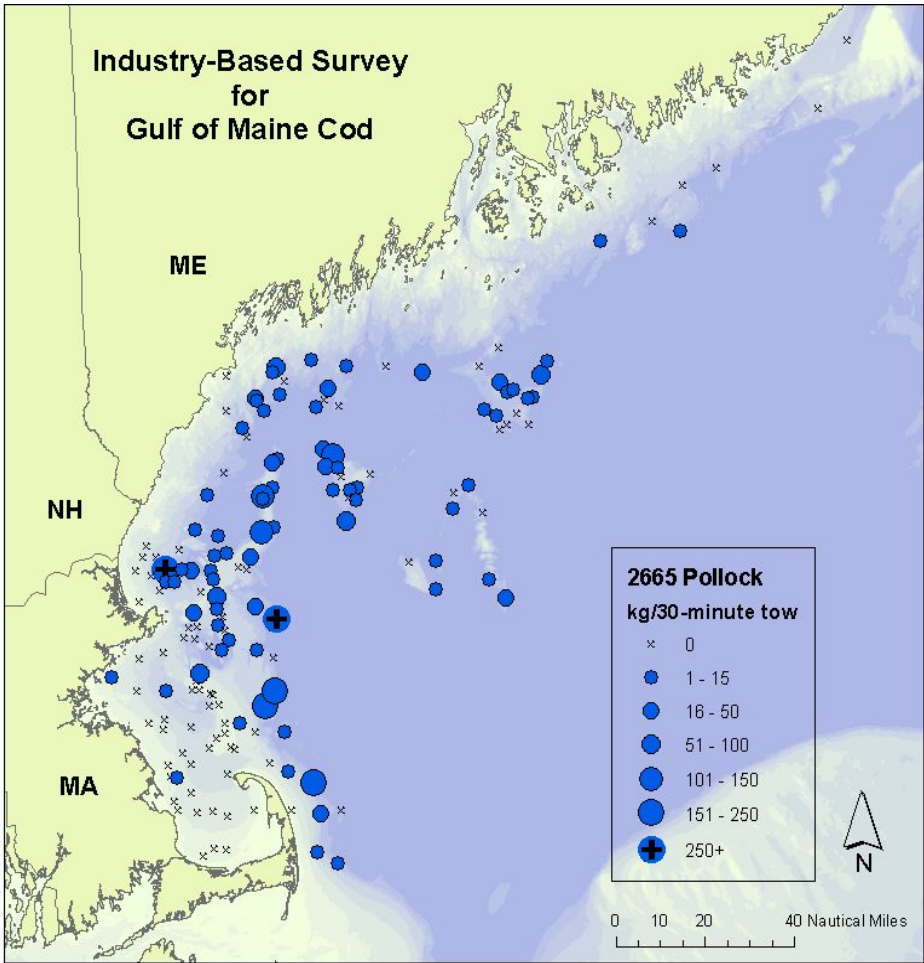


Pollock
caught during the IBS for GOM cod survey

mid April - May
Year: 2006
Cruise: 2664



**Average number of fish at length for all tows where species were caught



Pollock
caught during the IBS for GOM cod survey

mid November - December
Year: 2006
Cruise: 2665

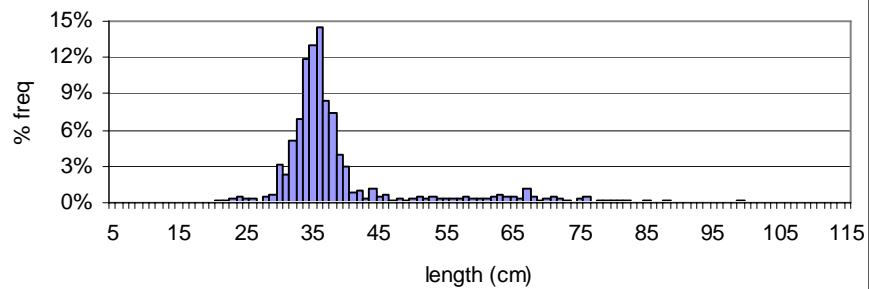


**Average number of fish at length for all tows where species were caught

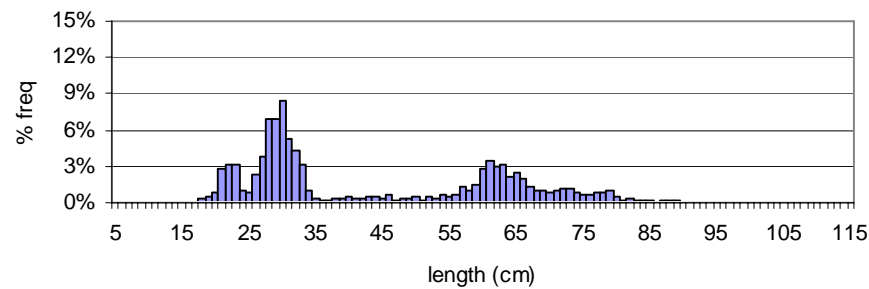
Pollock

2006 – 2007

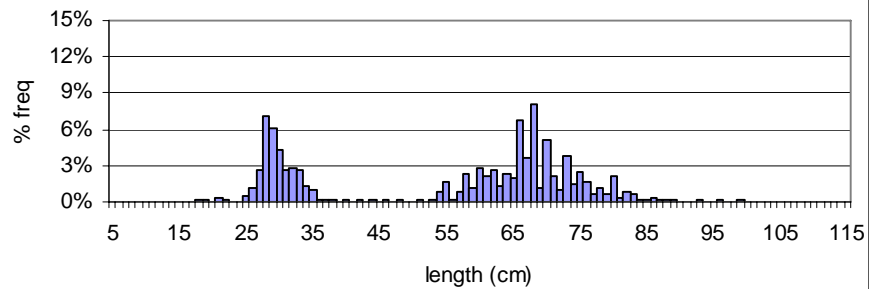
2664 mid April - May, 2006, n = 1946



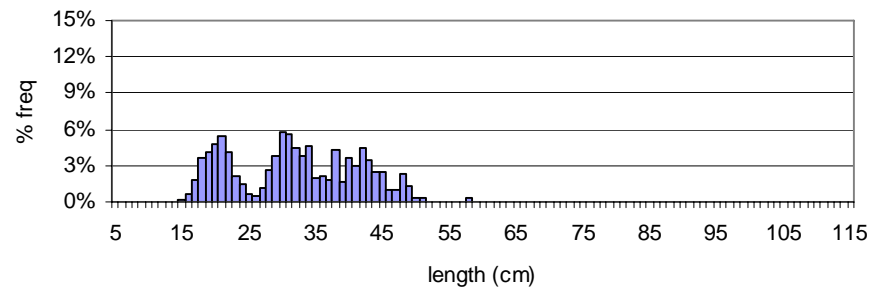
2761 January - mid February, 2007, n = 2242



2665 mid November - December, 2006, n = 1969



2762 mid February - mid March, 2007, n = 4552



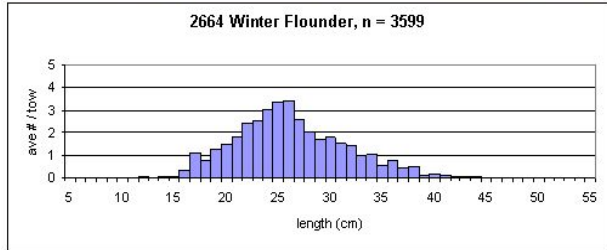
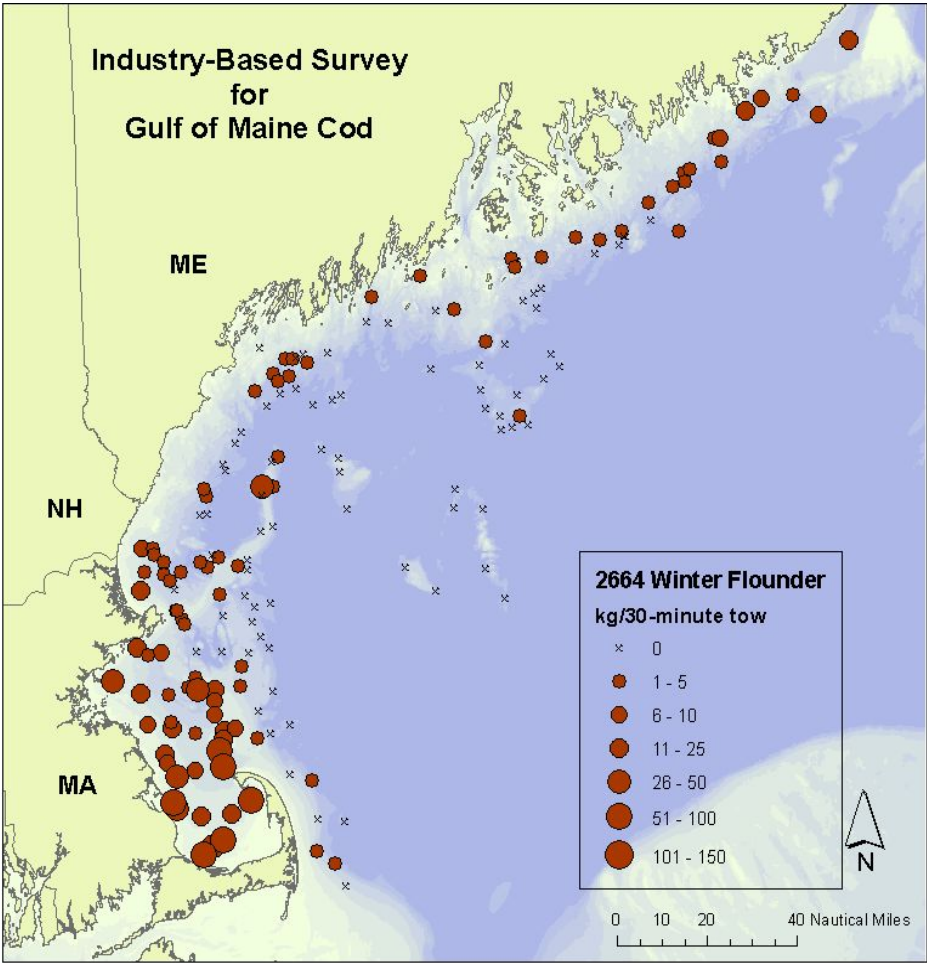
Industry-Based Survey for Gulf of Maine Cod

2006-2007 Survey Results

Winter Flounder

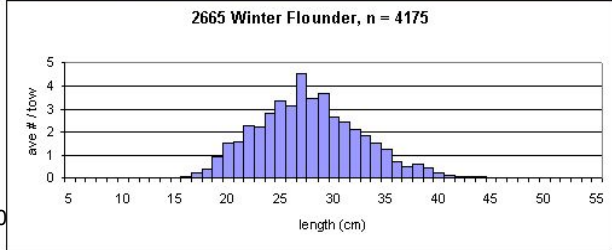
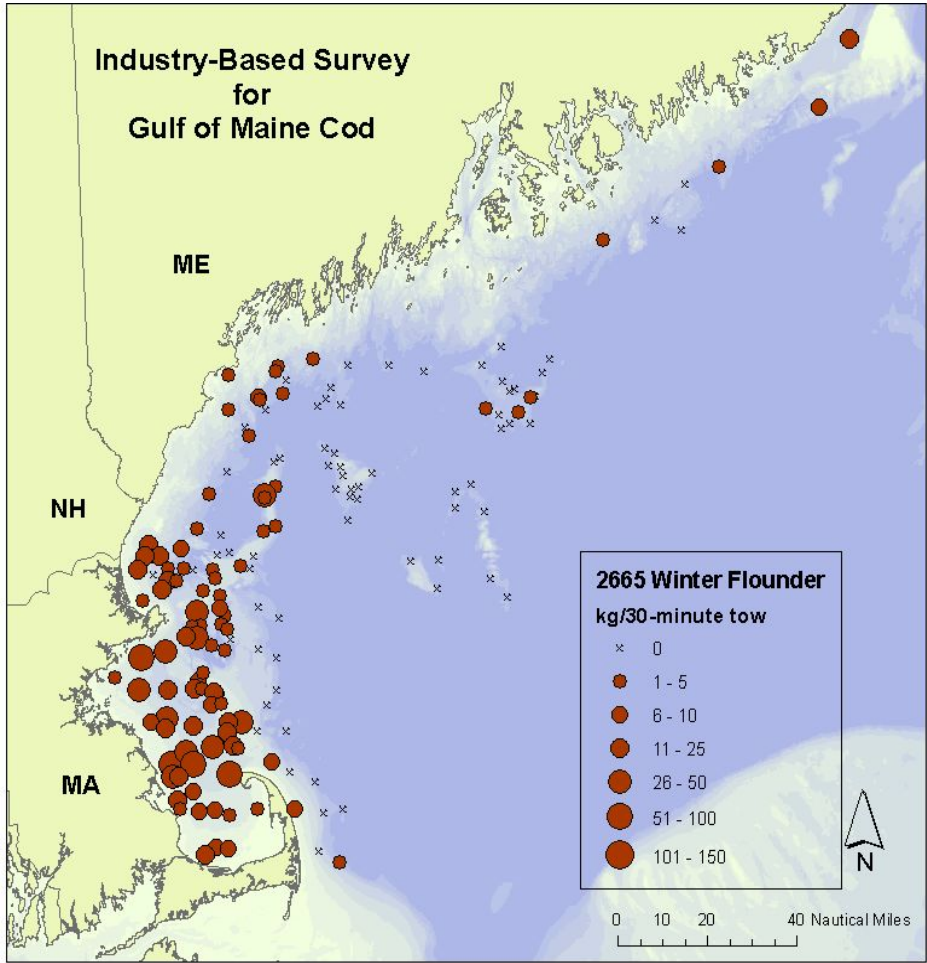
Spatial and temporal distribution by cruise, average number of fish at length where species were caught by cruise, and percent frequency at length by cruise

Appendix G. Winter Flounder



**Average number of fish at length for all tows where species were caught.
n= number of fish measured

Winter Flounder
caught during the IBS for GOM cod survey
mid April - May
Year: 2006
Cruise: 2664

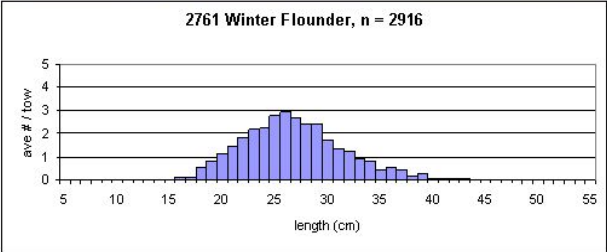
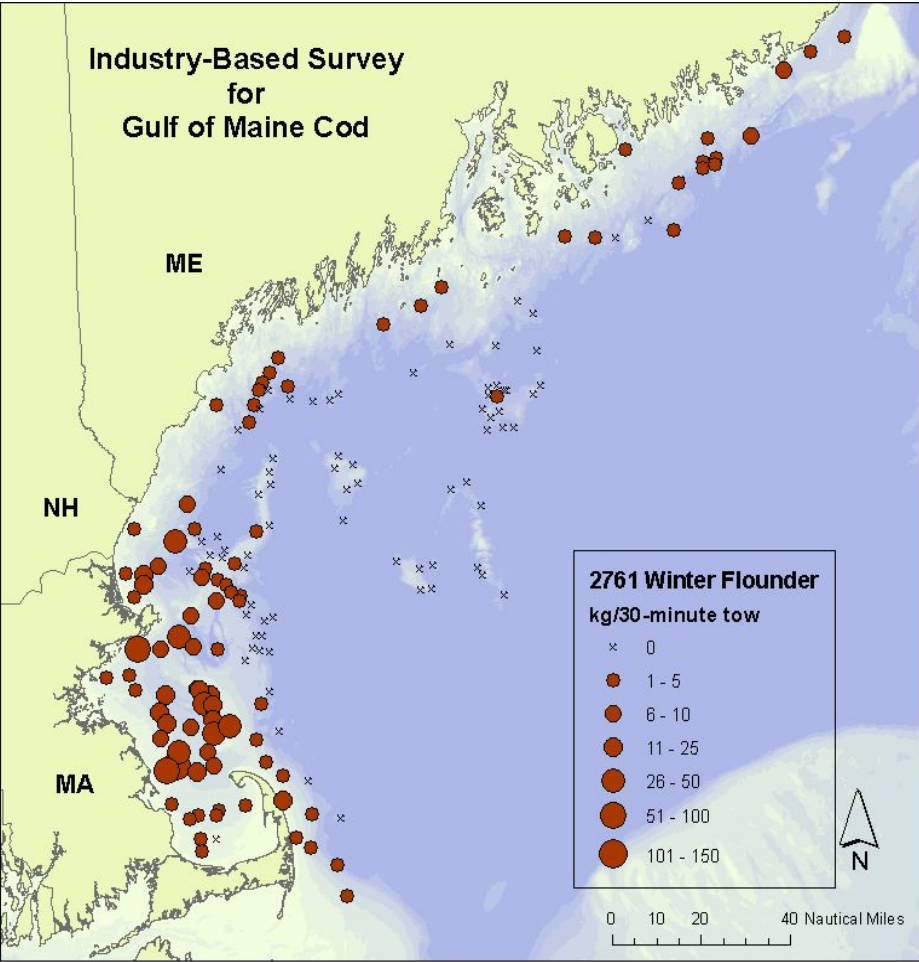


**Average number of fish at length for all tows where species were caught.
n= number of fish measured

Winter Flounder
caught during the IBS for GOM cod survey
mid November - December
Year: 2006
Cruise: 2665

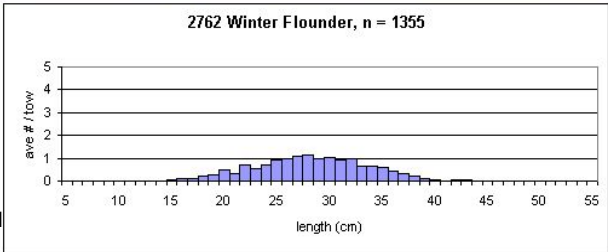
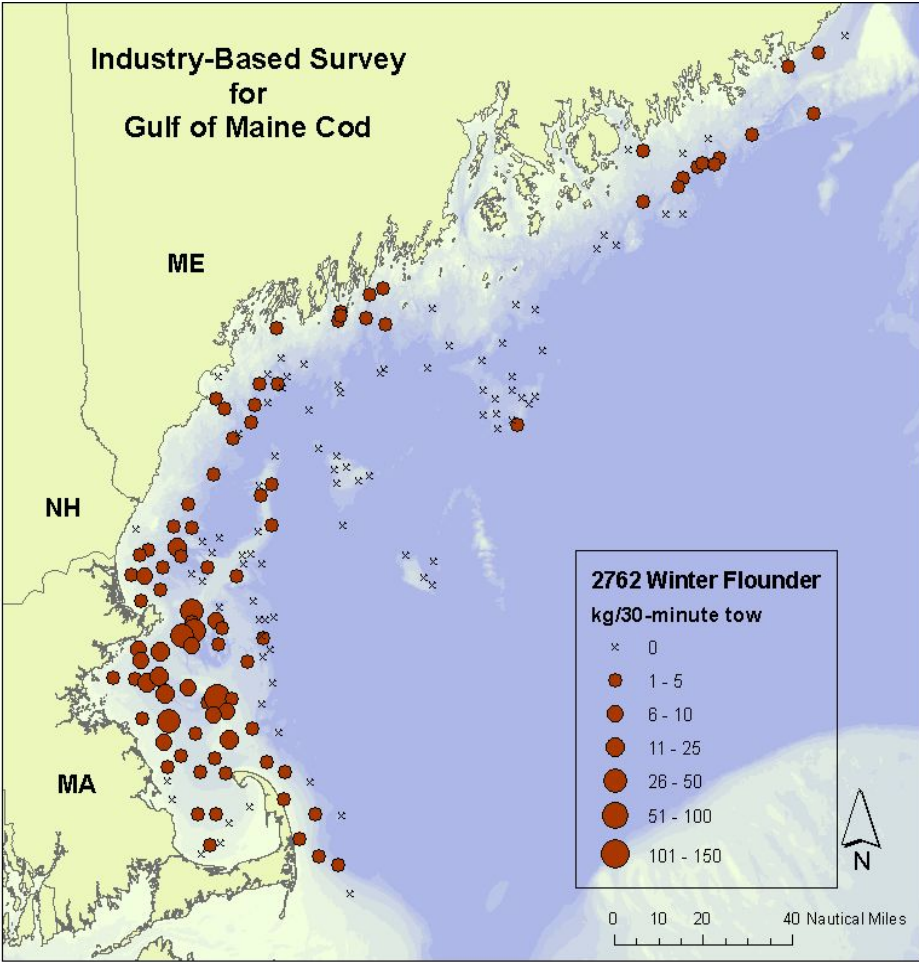


Appendix G. Winter Flounder



**Average number of fish at length for all tows where species were caught.
n= number of fish measured

Winter Flounder
caught during the IBS for GOM cod survey
January - mid February
Year: 2007
Cruise: 2761



**Average number of fish at length for all tows where species were caught.
n= number of fish measured

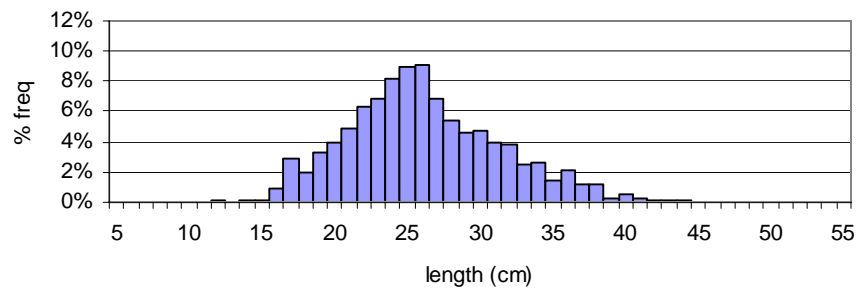
Winter Flounder
caught during the IBS for GOM cod survey
mid February - mid March
Year: 2007
Cruise: 2762



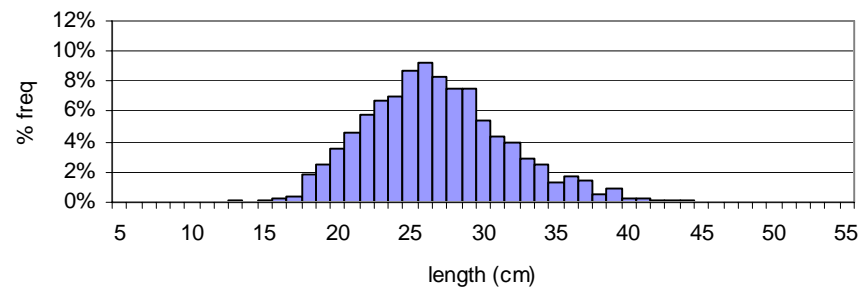
Winter Flounder

2006 – 2007

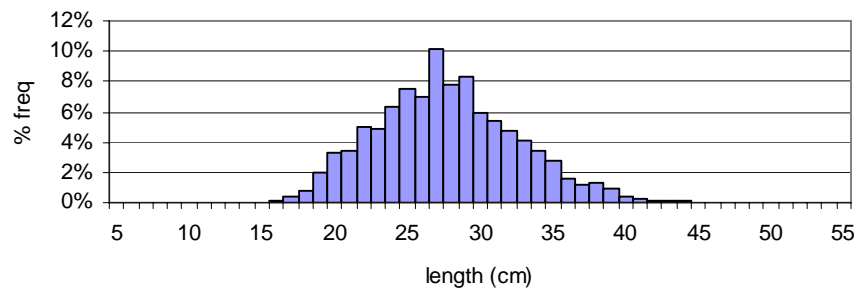
2664 mid April - May, 2006, n = 3599



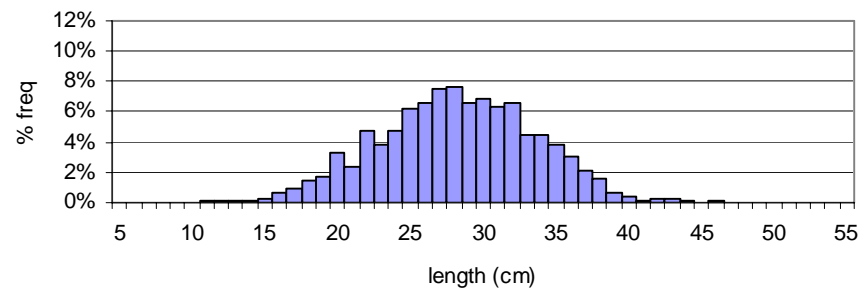
2761 January - mid February, 2007, n = 2916



2665 mid November - December, 2006, n = 4175



2762 mid February - mid March, 2007, n = 1355



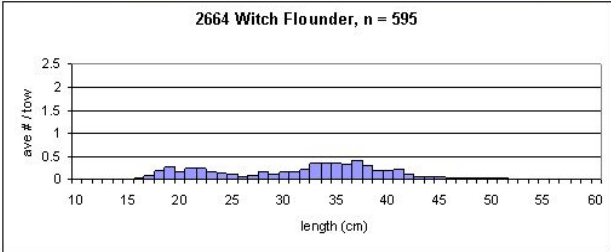
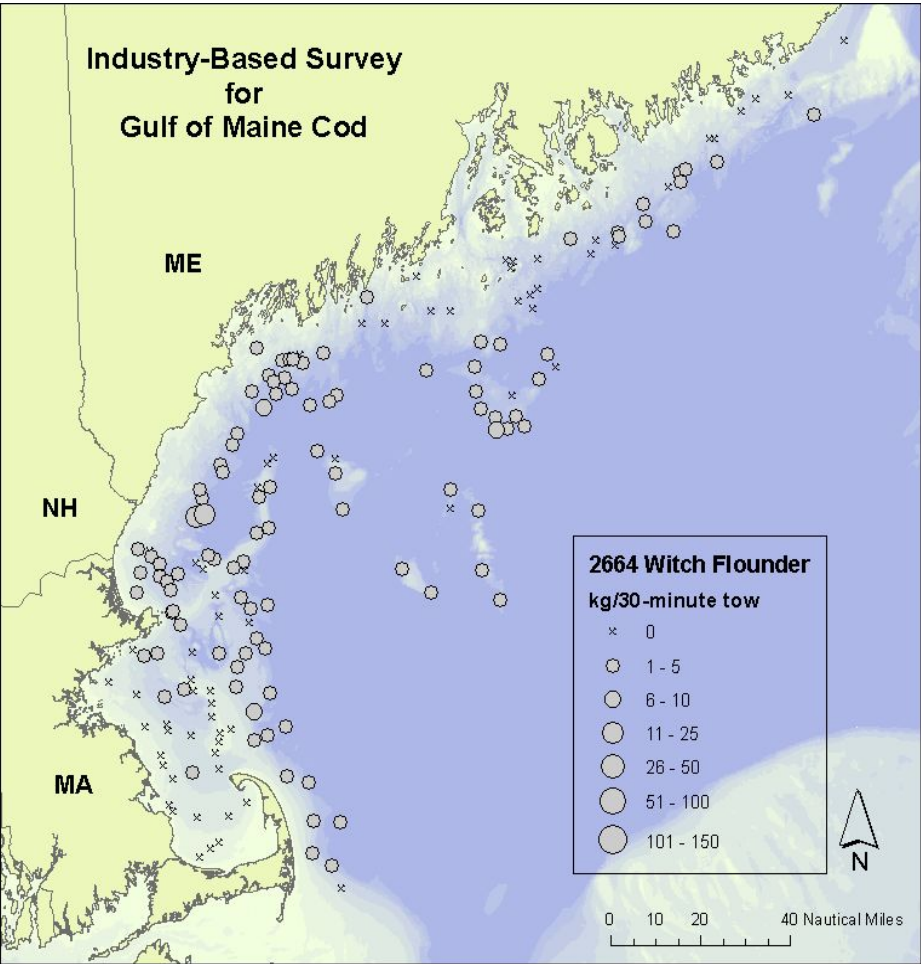
Industry-Based Survey for Gulf of Maine Cod

2006-2007 Survey Results

Witch Flounder

Spatial and temporal distribution by cruise, average number of fish at length where species were caught by cruise, and percent frequency at length by cruise

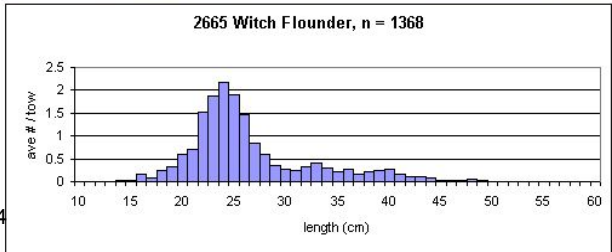
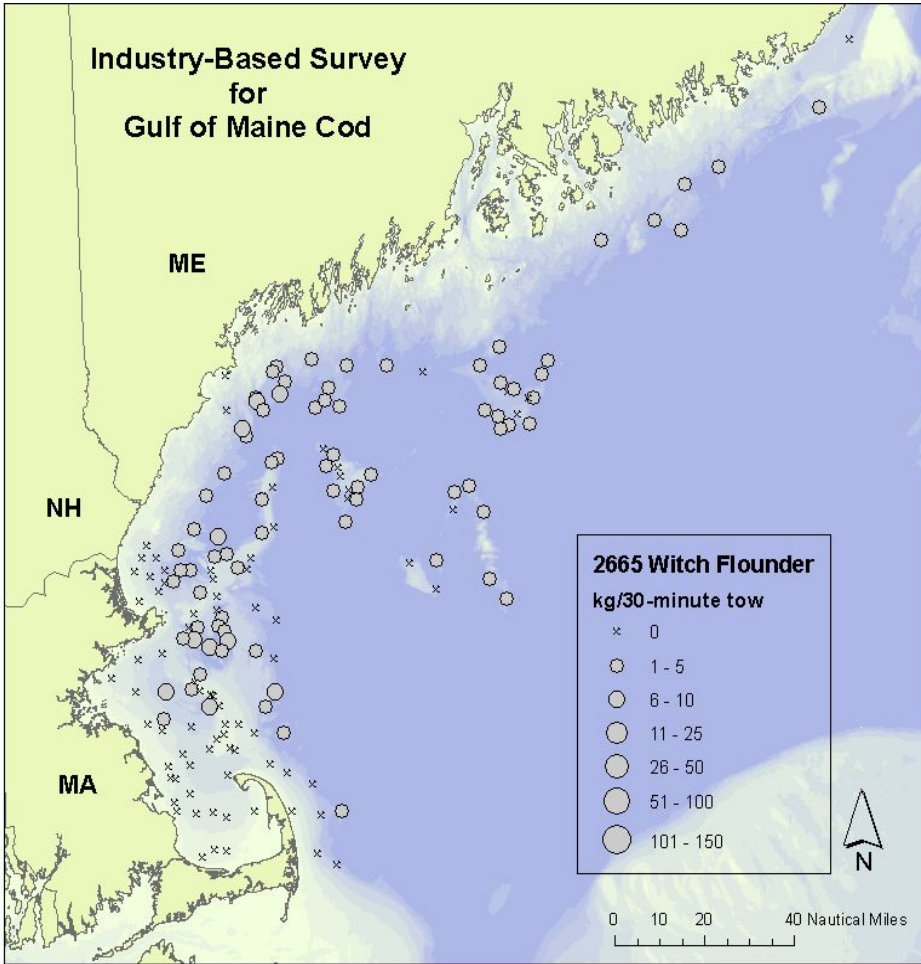
Appendix G. Witch Flounder



Witch Flounder
caught during the IBS for GOM cod survey
mid November - December
Year: 2006
Cruise: 2664



**Average number of fish at length for all tows where species were caught

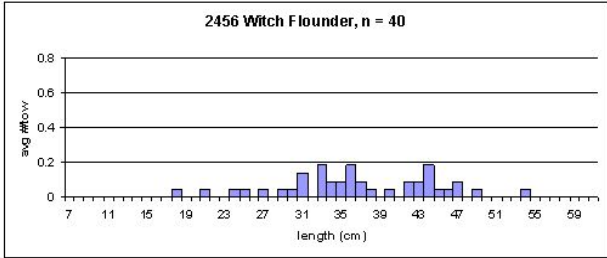
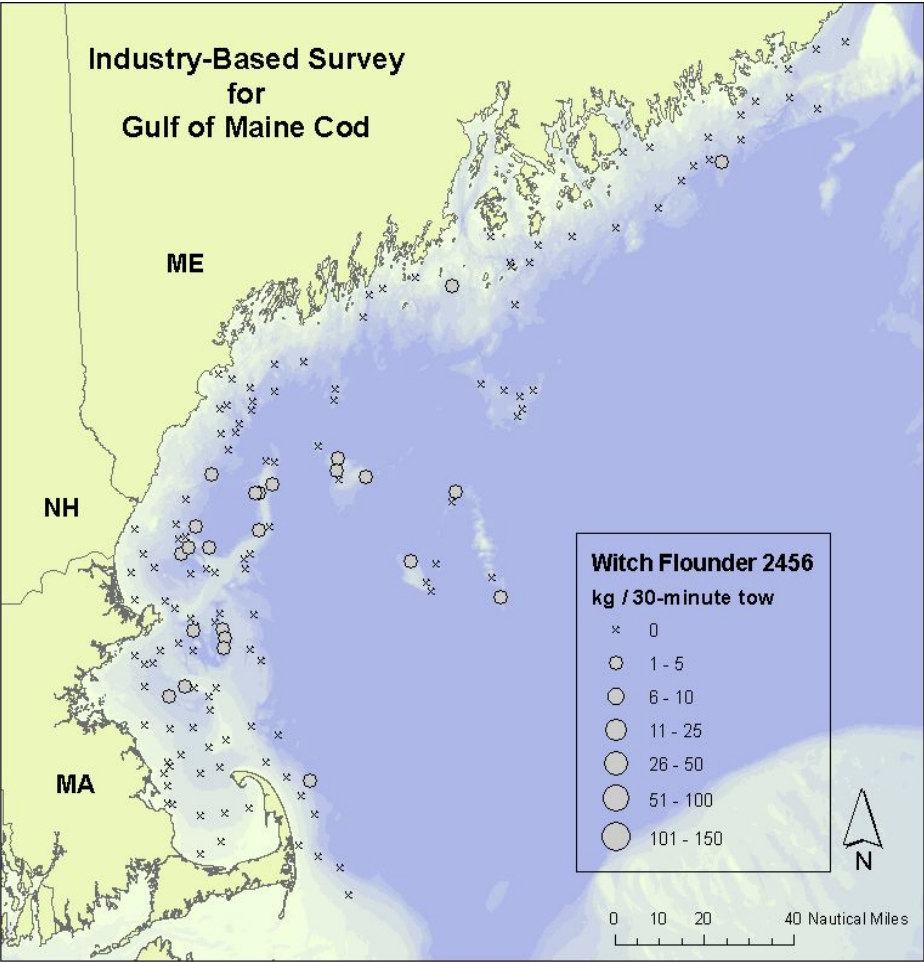


Witch Flounder
caught during the IBS for GOM cod survey
mid November - December
Year: 2006
Cruise: 2665



**Average number of fish at length for all tows where species were caught

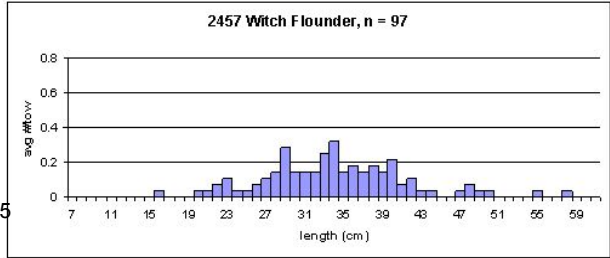
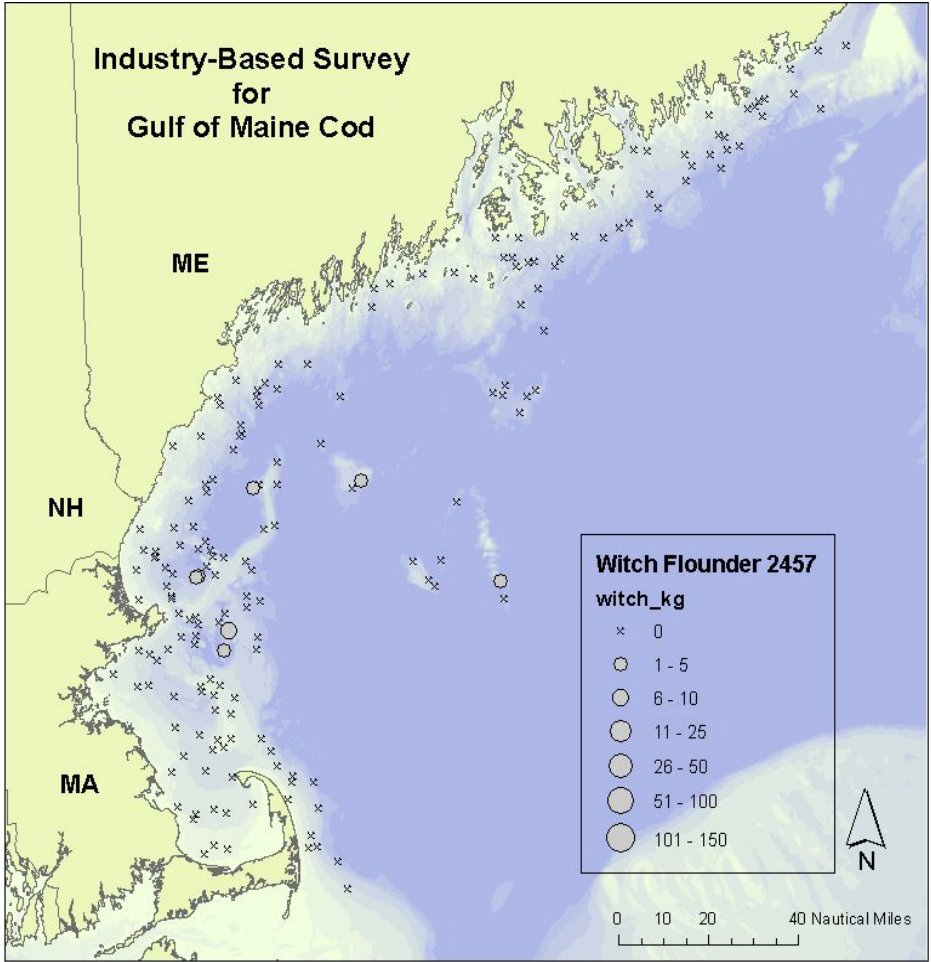
Appendix G. Witch Flounder



Witch Flounder
caught during the IBS for GOM cod survey
mid February - mid March
Year: 2004
Cruise: 2456



**Average number of fish at length for all tows where species were caught



Witch Flounder
caught during the IBS for GOM cod survey
mid March - mid April
Year: 2004
Cruise: 2457

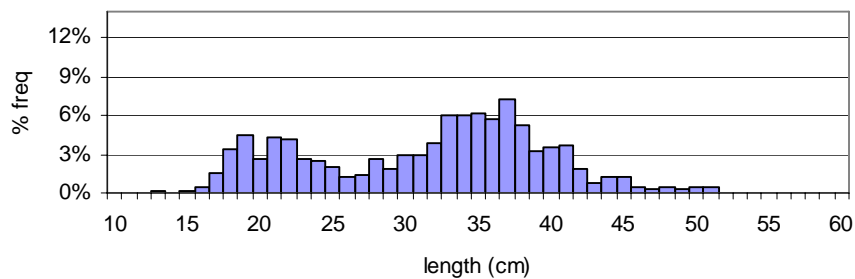


**Average number of fish at length for all tows where species were caught

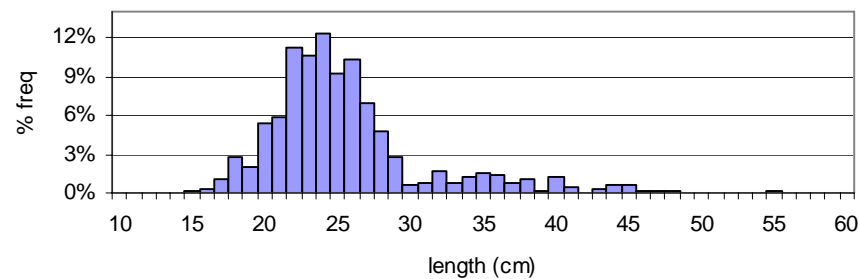
Witch Flounder

2006 – 2007

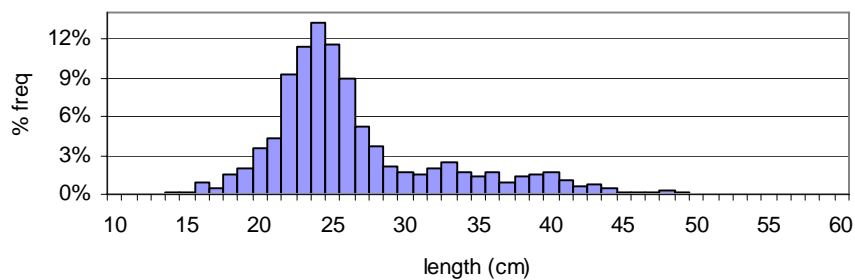
2664 mid April - May, 2006, n = 595



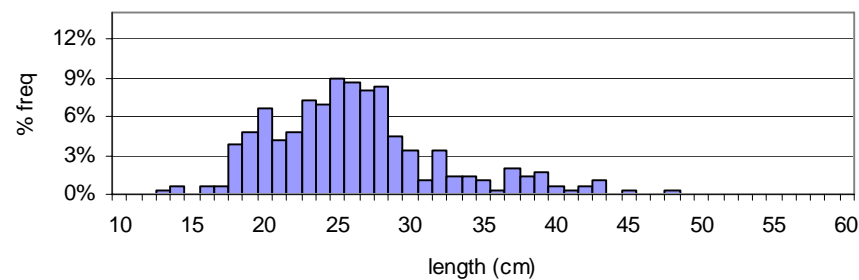
2761 January - mid February, 2007, n = 591



2665 mid November - December, 2006, n = 1368



2762 mid February - mid March, 2007, n = 289



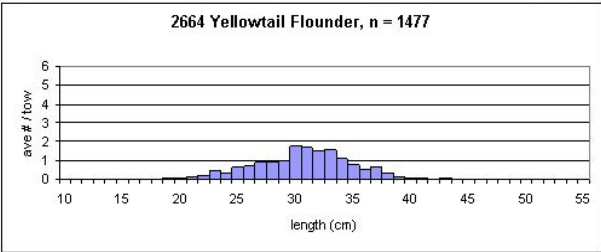
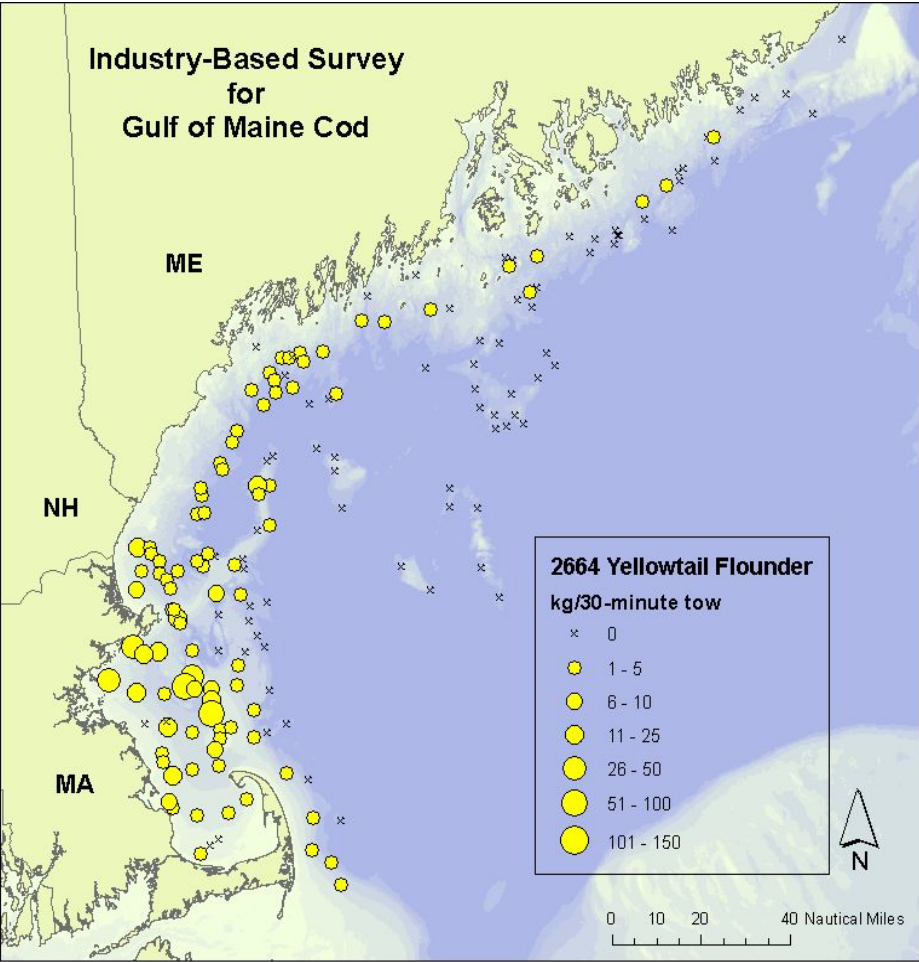
Industry-Based Survey for Gulf of Maine Cod

2006-2007 Survey Results

Yellowtail Flounder

Spatial and temporal distribution by cruise, average number of fish at length where species were caught by cruise, and percent frequency at length by cruise

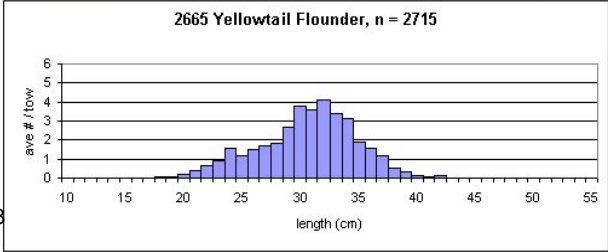
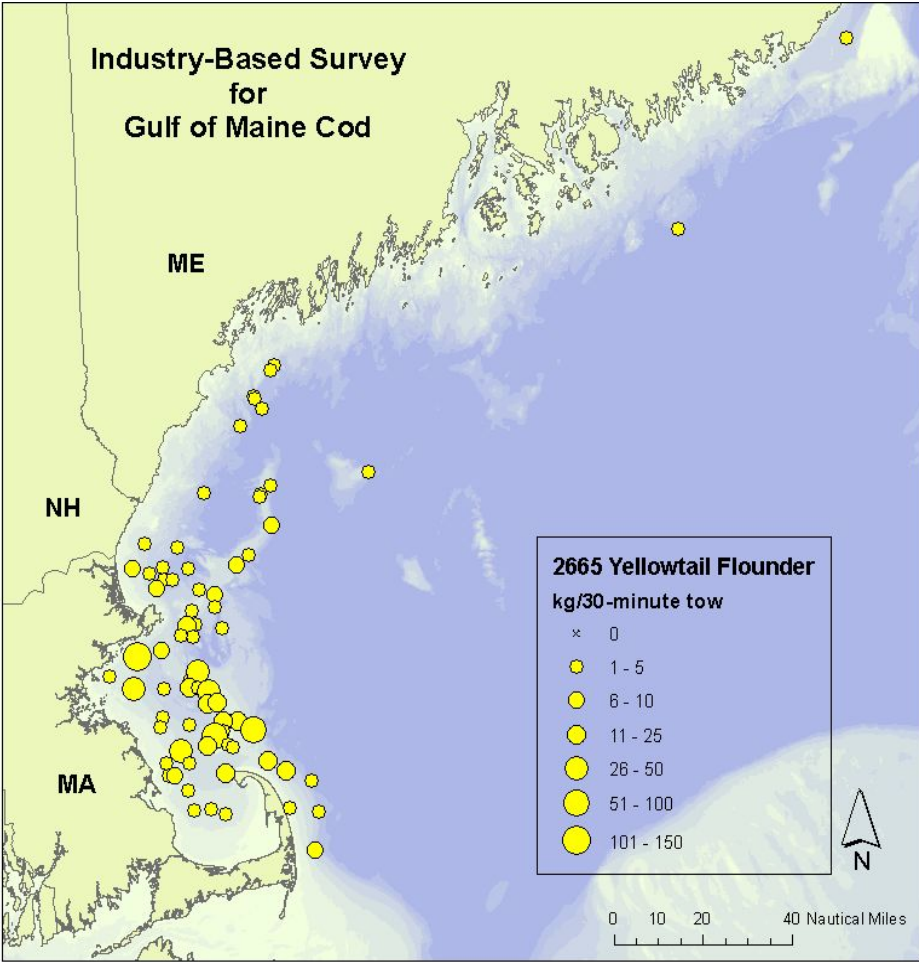
Appendix G. Yellowtail Flounder



**Average number of fish at length for all tows where species were caught.
n= number of fish measured

Yellowtail Flounder
caught during the IBS for GOM cod survey

mid April - May
Year: 2006
Cruise: 2664



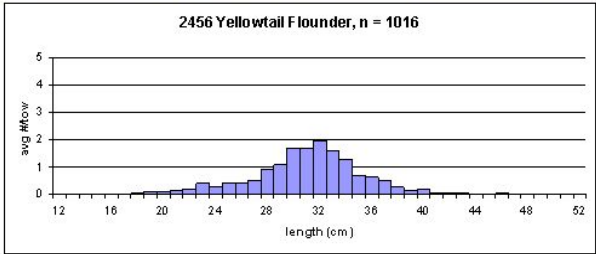
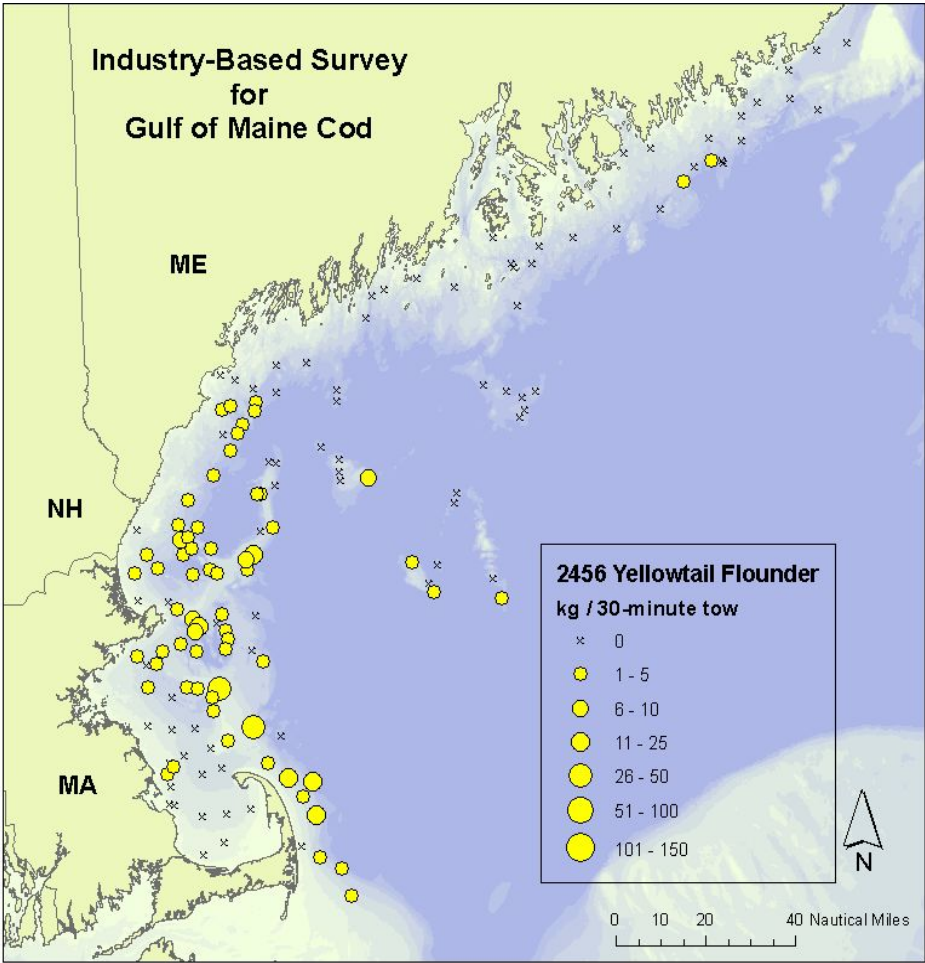
**Average number of fish at length for all tows where species were caught.
n= number of fish measured

Yellowtail Flounder
caught during the IBS for GOM cod survey

mid November - December
Year: 2006
Cruise: 2665

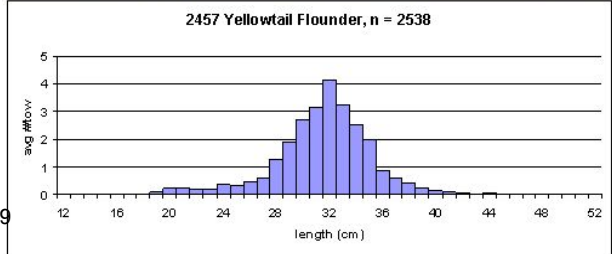
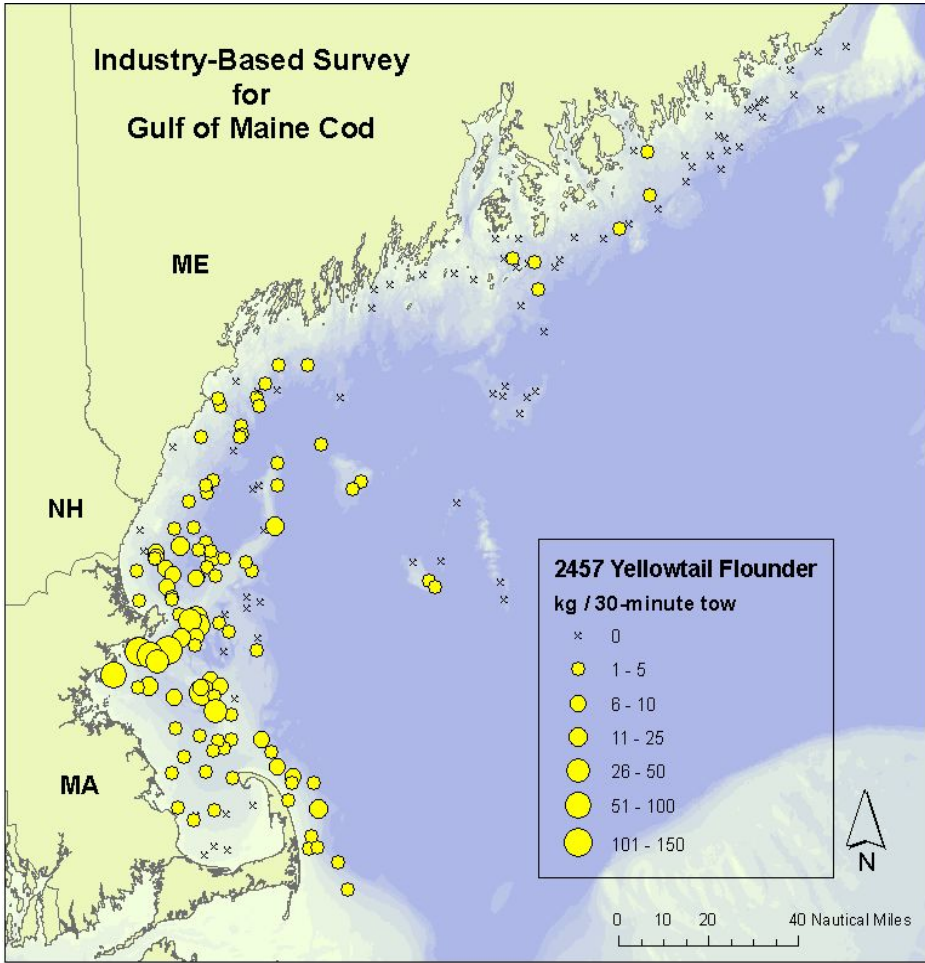


Appendix G. Yellowtail Flounder



**Average number of fish at length for all tows where species were caught.
n= number of fish measured

Yellowtail Flounder
caught during the IBS for GOM cod survey
mid February - mid March
Year: 2004
Cruise: 2456



**Average number of fish at length for all tows where species were caught.
n= number of fish measured

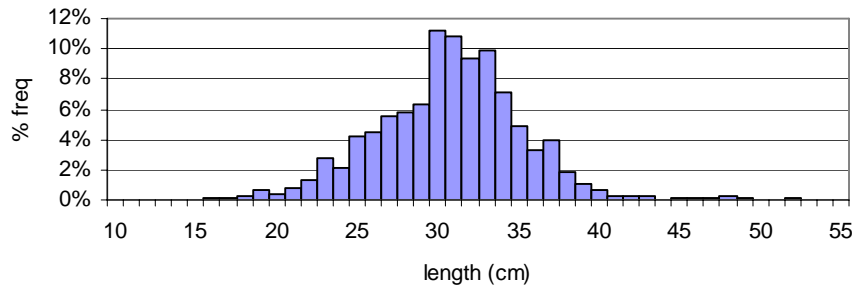
Yellowtail Flounder
caught during the IBS for GOM cod survey
mid March - mid April
Year: 2004
Cruise: 2457



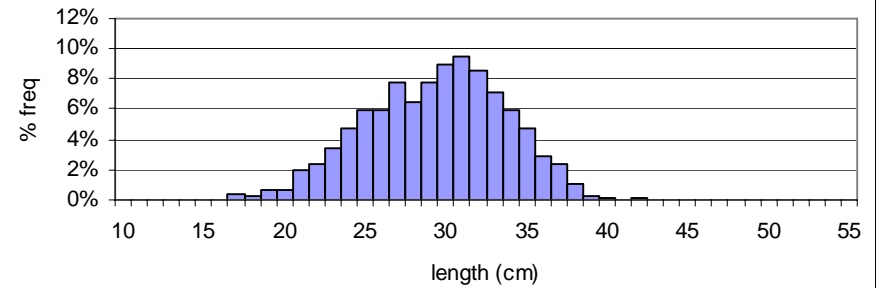
Yellowtail Flounder

2006 – 2007

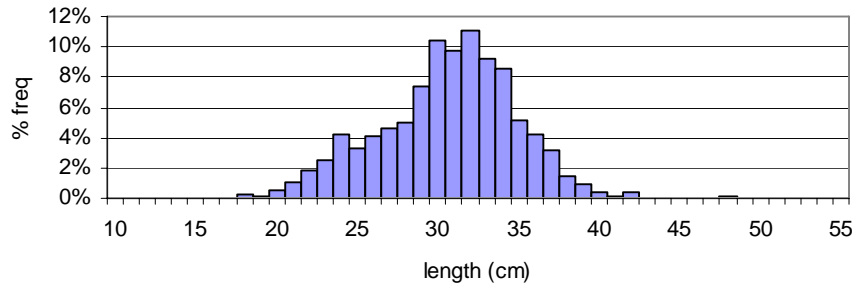
2664 mid April - May, 2006, n = 1477



2761 January - mid February, 2007, n = 3823



2665 mid November - December, 2006, n = 2715



2762 mid February - mid March, 2007, n = 2127

