

FISHERIES DATA REPORT SOUTH OF TUCKERNUCK AREA

September 2006

Prepared by

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1.0 INTRODUCTION

The offshore area south of Tuckernuck Island, between Muskeget Channel to the west and the southwestern coast of Nantucket Island to the east was previously presented in the DEIR/S (see Figure 1). In response to comments received on the DEIR/S, the FEIR evaluates the South of Tuckernuck Island alternative site at a greater level of detail with respect to environmental resources including fisheries resources. During the comment period for the DEIR/S, the Massachusetts Coastal Zone Management Office requested more detailed environmental evaluations of the South of Tuckernuck site so that it could serve as a deeper water comparison to the Project site in Nantucket Sound. The following report presents fisheries information on the South of Tuckernuck Island site including available state and federal data on commercial fisheries, recreational fisheries, and fishery resources.

The South of Tuckernuck Island Site is an area between Martha's Vineyard and Nantucket. Various fish species may migrate through this area during seasonal migrations into and out of Nantucket Sound and offshore waters as water temperatures change.

Both federal and state agencies monitor certain commercial and recreational fishing activities within the Atlantic Ocean. NOAA Fisheries monitors federally-permitted commercial and recreational fishing activities in all coastal states throughout the United States. The Commonwealth of Massachusetts monitors state-permitted commercial fishing activities in its coastal waters for certain fisheries and gear types. Commercial catch data monitored by NOAA Fisheries and reported by federally-permitted vessels fishing in the Atlantic Ocean south of Tuckernuck Island, Nantucket and Martha's Vineyard (NMFS Reporting Area 537) are presented in Section 2.0 for finfish, squid, shellfish and lobster. In addition, information from the NOAA Fisheries dealer database was used to calculate an average price per pound for fisheries landed in five counties surrounding Nantucket Sound and closest to the offshore south of Tuckernuck Island site. This average price per pound was then applied to the catch data for Area 537 reported by federally-permitted vessels to obtain an average dollar value for each species/year as available (see also Section 2.0). Commercial catch data monitored by the Massachusetts Division of Marine Fisheries (*Marine Fisheries* or DMF) and reported by state-permitted vessels fishing in the Atlantic Ocean south of Tuckernuck Island (DMF Offshore Reporting Area 16) is presented in Section 3.0 for various fisheries including the gill net, fish pot, lobster, and crab fisheries.

Recreational fishery information was obtained from the NOAA Fisheries Marine Recreational Fisheries Statistical Surveys for three counties surrounding Nantucket Sound and closest to the offshore south of Tuckernuck Island site. Recreational catch data reported by federally-permitted charter or party boats fishing in the Atlantic Ocean south of Tuckernuck Island (NMFS Reporting Area 537) were also obtained and are presented in Section 4.0.

Information on fish resources from scientific studies or monitoring activities in the area south of Tuckernuck Island is less prevalent. The main source of resource data available in this offshore area is from the NMFS spring (March-April) and fall (September-October) resource trawl survey data. NMFS conducts bi-annual resource trawls throughout the U.S. in the spring and fall of each year to characterize the abundance and distribution of various fish and invertebrate species that are commonly collected using otter trawls. This information is independent of commercial fisheries monitoring. Data from those trawls located within the boundaries of the South of Tuckernuck site are discussed in detail in Section 5.0.

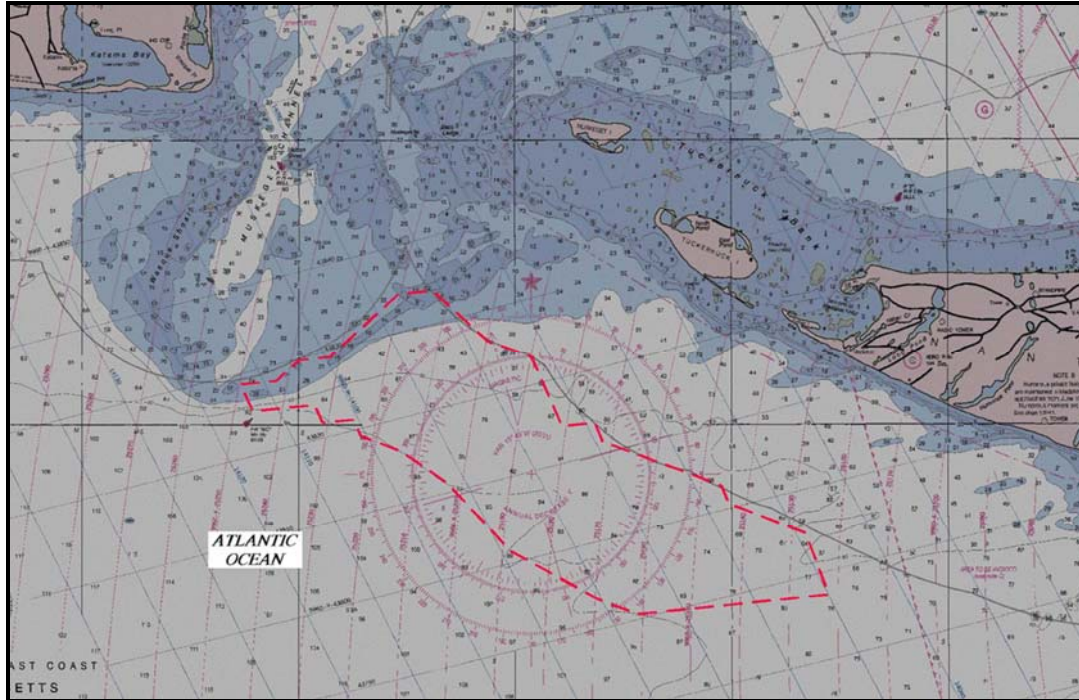


Figure 1. South of Tuckernuck Island Site.

2.0 NOAA FISHERIES COMMERCIAL VESSEL TRIP REPORT DATA

Data on commercial fisheries have long been collected by NMFS. In the Northeast prior to 1994, fishery statistics were collected through a voluntary reporting system. Fish landings and price information were collected by NMFS port agents at the point of initial sale of the catch through dealer reports or “weigh out receipts”. This voluntary “weigh out” reporting was replaced in June 1994 with a mandatory reporting system. The mandatory reporting system continues today and involves fishermen submitting logbooks of their catch. NMFS refers to these data as vessel trip reports (VTRs). This system is used in all fisheries that are subject to federal fishery management plans except for American lobster and Atlantic herring fisheries.

For the purposes of summarizing commercial landings in the U.S., NMFS divides the coastline into statistical sampling areas. The waters around the South of Tuckernuck Island site are designated as NMFS Statistical Area 537, a large offshore statistical reporting area (Figure 2). NMFS records landings by these statistical areas and/or sub-areas. Commercial landings data from Area 537 were not evaluated in the DEIR/S since it is such a large geographical area compared to the size of the South of Tuckernuck Island Site. However, in response to comments received on the DEIR/S, commercial landings data from 1994-2004 have now been obtained for Area 537 and will be evaluated with respect to the South of Tuckernuck Island Site. For point of reference, Area 537 is **xxx square miles** and the South of Tuckernuck Island site is 25.55 square miles. The South of Tuckernuck site is only **xx%** of the total area occupied by Area 537, so much of the fishing activity likely occurs in the larger area outside of the proposed South of Tuckernuck site. [**Acreage of Area 537 pending from NOAA Fisheries**]

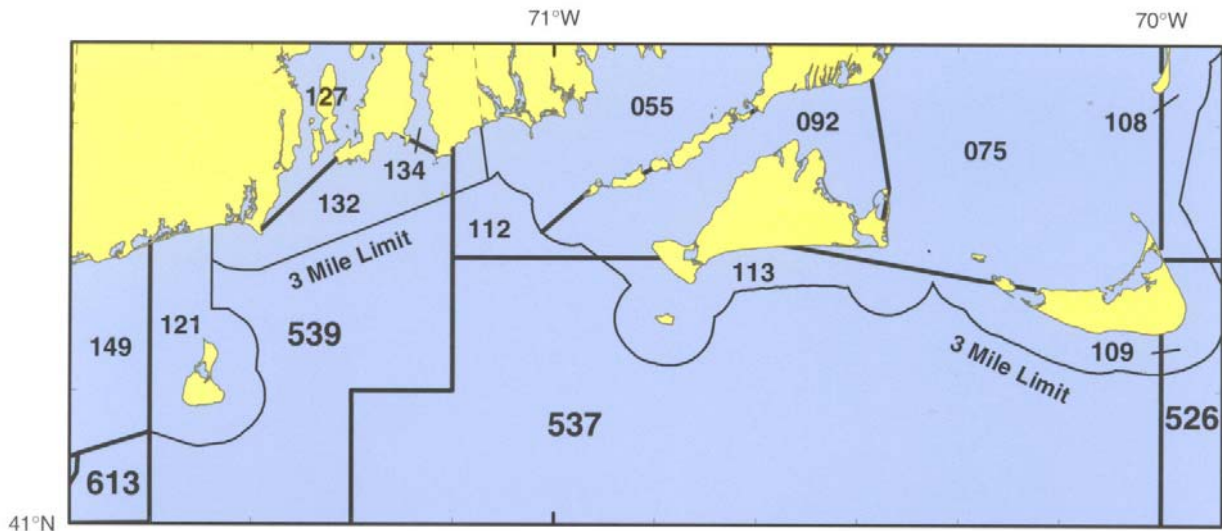


Chart 6. Rhode Island Sound, Cape Cod and Islands NEMFIS Area Codes

Figure 2. NOAA Statistical Reporting Areas for Commercial Fishing – Note location of Area 537. [Area 537 extends south well beyond what is shown in this Figure – waiting for better figure from NOAA.]

2.1 General Fisheries Landings Reported on Vessel Trip Reports (VTRs)

Approximately 468.5 million pounds of commercial landings subject to federal VTR reporting were harvested from Area 537 from 1994 through 2004 (Figure 3). The commercial data presented in Figure 3 includes finfish species, shellfish species, lobster, and other invertebrates such as squid, shrimp and crabs. The total federally-reported landings in Area 537 fluctuated from a high of approximately 58.1 million pounds in 1996 to a low of approximately 27.6 million pounds in 2003 with a mean of approximately 42.6 million pounds over the eleven-year period. It is important to note that quotas and management measures can affect landings; therefore some years with lower landings could be a result of management measures or quotas rather than abundance. Complete VTR data for Area 537 are presented annually by month and species in Tables 1 through 11 in Attachment A. A summary table showing the total commercial landings (pounds) and number of species landed by month and year is presented in Table 12 in Attachment A.

Of the species reported on NMFS VTRs, the top 20 species harvested in Area 537 from 1994 through 2004 included Atlantic herring, silver hake (Whiting), *Loligo* squid, skate, monkfish (anglerfish/goosefish), Atlantic mackerel, American lobster, butterfish, Jonah crab, summer flounder (fluke), squid (species not specified), red hake (Ling), tilefish, red crab, spiny dogfish, white hake, winter flounder (blackback), scup (porgy), *Illex* squid, and yellowtail flounder. The top 20 species accounted for approximately 441.6 million pounds of federally-reportable commercial species harvested, or about 94.3% of the total federally-reportable commercial species harvested during this time period (Table 13 in Attachment A and Figure 4). Annual trends of these top 20 species are also presented in Attachment B.

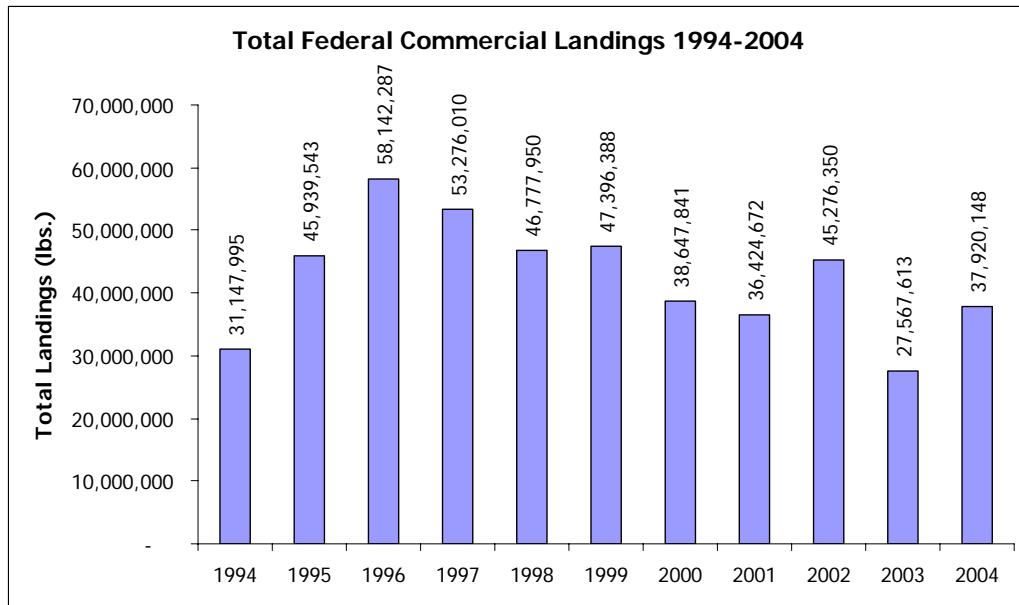


Figure 3. Total federally-reportable commercial landings from 1994 through 2004 for NMFS statistical area 537 (Source: NMFS Vessel Trip Report Data, Area 537).

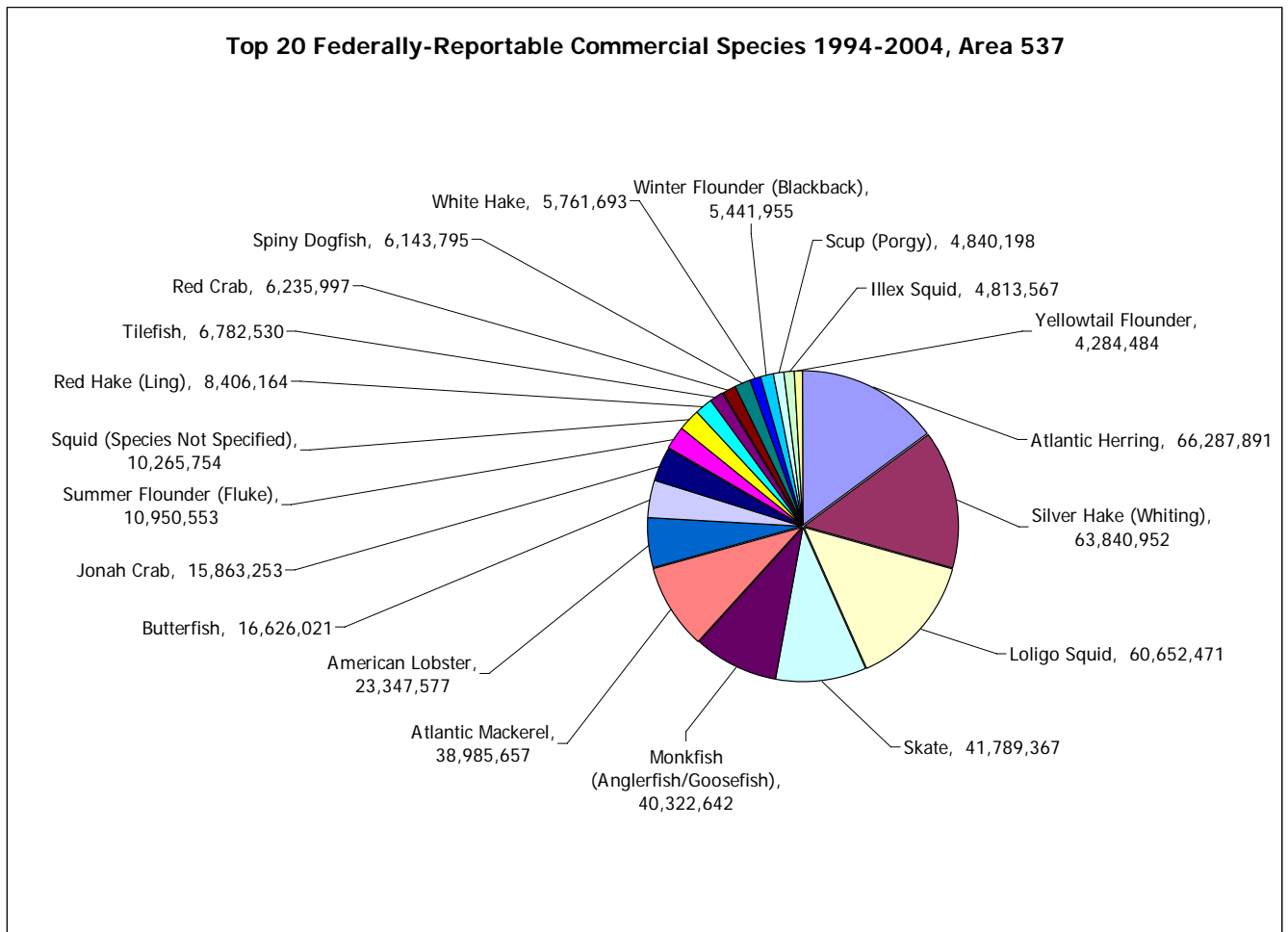


Figure 4. Top 20 federally-reportable commercial species harvested from 1994 through 2004 for NMFS statistical area 537 (Source: NMFS Vessel Trip Report Data for Area 537).

Gear types reported on VTRs for the harvest of federally-reportable commercial species in Area 537 included various types of otter trawls, pots/traps, and gill nets; midwater and bottom pair trawls; bottom and pelagic longlines; sea scallop, quahog/surf clam and other dredges; purse and Scottish seines; handline/rod and reel; harpoon; and diving gear. The complete list of federally-reportable commercial landings by gear type is presented in Table 1 for the period 1994 through 2004 for Area 537. According to the federal VTR data, the greatest landings during this time period were from otter trawls for bottom fish (approximately 279.9 million pounds) or 59.7% of the total federally-reportable commercial landings. Combining landings from all types of otter trawls yielded a total of approximately 337.7 million pounds or 72% of the total federally-reportable commercial landings.

Table 1. Total federally-reportable commercial landings by gear type in Area 537 from 1994-2004 (Source: NMFS Vessel Trip Report Data, Area 537)

Gear Type	Total Federally-Reportable Commercial Landings (lbs) Area 537
Otter Trawl, Bottom, Fish	279,917,923
Otter Trawl, Midwater	57,135,889
Pot, Lobster	42,021,800
Gill Net, Sink	34,493,698
Pair Trawl, Midwater	25,920,741
Longline, Bottom	9,287,257
Pot, Crab	6,354,290
Other Gear	5,846,916
Purse Seine	1,746,950
Dredge, Scallop,Sea	1,554,634
Dredge, Ocean Quahog/Surf Clam	990,047
Mixed Gear	818,632
Hand Line/Rod & Reel	532,092
Longline, Pelagic	487,060
Otter Trawl, Bottom, Shrimp	309,676
Otter Trawl, Bottom, Other	281,380
Pot, Fish	247,599
Pot, Other	102,329
Gill Net, Runaround	92,602
Otter Trawl, Beam	82,449
Dredge, Other	60,309
Pot, Hag	50,131
Unknown/Not Reported	47,452
Pot, Conch/Whelk	36,760
Pair Trawl, Bottom	36,417
Gill Net, Drift, Large Mesh	23,282
Pot, Shrimp	18,700
Trap	12,317
Harpoon	3,350
Otter Trawl, Bottom, Scallop	1,785
Seine, Scottish	1,500
Diving Gear	314
Gill Net, Drift, Small Mesh	300
Pots, Mixed	216
Grand Total	468,516,797

Source: NMFS Vessel Trip Report Data for Area 537.

Although latitude/longitude in degrees and minutes is reported on VTRs by federally-permitted commercial vessels, NOAA indicated that these data fields could not be provided for Area 537 given the enormous size of the data files and their limited staff resources. Therefore, it is not possible to plot the location of commercial fishing activity by gear type as reported on federal VTRs for the South of Tuckernuck alternative.

2.2 Finfish and Squid Landings

The commercial data presented in Figure 5 includes finfish species and squid species. Squid (both *Loligo* and *Illex*) landings are included with the finfish landings because they are an important commercial fishery in this region.

Of the approximately 468.5 million pounds of federally-reportable commercial landings harvested from 1994 through 2004 in Area 537, 417.8 million pounds (89.2%) were finfish and squid. The remaining 50.7 million pounds (10.8%) consisted of lobster and various scallop, whelk, clam and crab species. Similar to the overall total federally-reportable commercial landings for Area 537, finfish and squid landings appear highest in 1996 (55.1 million pounds) and lowest in 2003 (21.4 million pounds) (see Figure 3 and Figure 5). As stated earlier, quotas and management measures can affect landings; therefore some years with lower landings could be a result of management measures or quotas rather than abundance. Total federally-reportable landings for finfish and squid species in Area 537 and the proportion of total catch for each species by year is presented in Table 14 of Attachment A for the 1994-2004 time period.

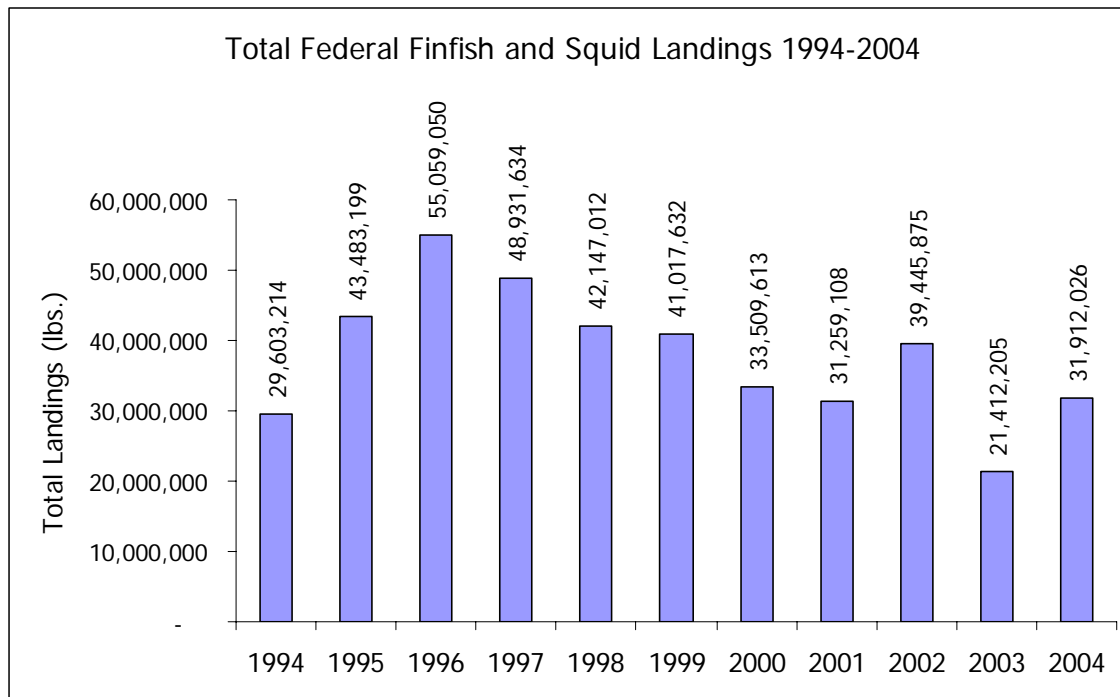


Figure 5. Total federally-reportable finfish and squid landings from 1994 through 2004 for NMFS statistical area 537 (Source: NMFS Vessel Trip Report Data for Area 537)

Of the finfish and squid species reported on NMFS VTRs, the top 20 species harvested from 1994 through 2004 in Area 537 included Atlantic herring, silver hake (whiting), *Loligo* squid, skate, monkfish (anglerfish/goosefish), Atlantic mackerel, butterfish, summer flounder (fluke), squid (species not specified), red hake (Ling), tilefish, spiny dogfish, white hake, winter flounder (blackback), scup (porgy), *Illex* squid, yellowtail flounder, golden tilefish, king whiting (kingfish), and bluefish (Figure 6). The harvest of these 20 species accounted for approximately 403.8 million pounds or about 96.7% of the 417.8 million pounds of federally-reportable finfish and squid harvested in Area 537 from 1994-2004 (Figure 6).

In Area 537, the top three species landed included Atlantic herring, silver hake and *Loligo* squid, each contributing approximately 15 to 16% of federally-reportable finfish and squid landings in this area during the eleven year period. Skate, monkfish, and Atlantic mackerel were the next species with highest landings in Area 537, with each contributing approximately 10% of federally-reportable finfish and squid landings over the eleven year period.

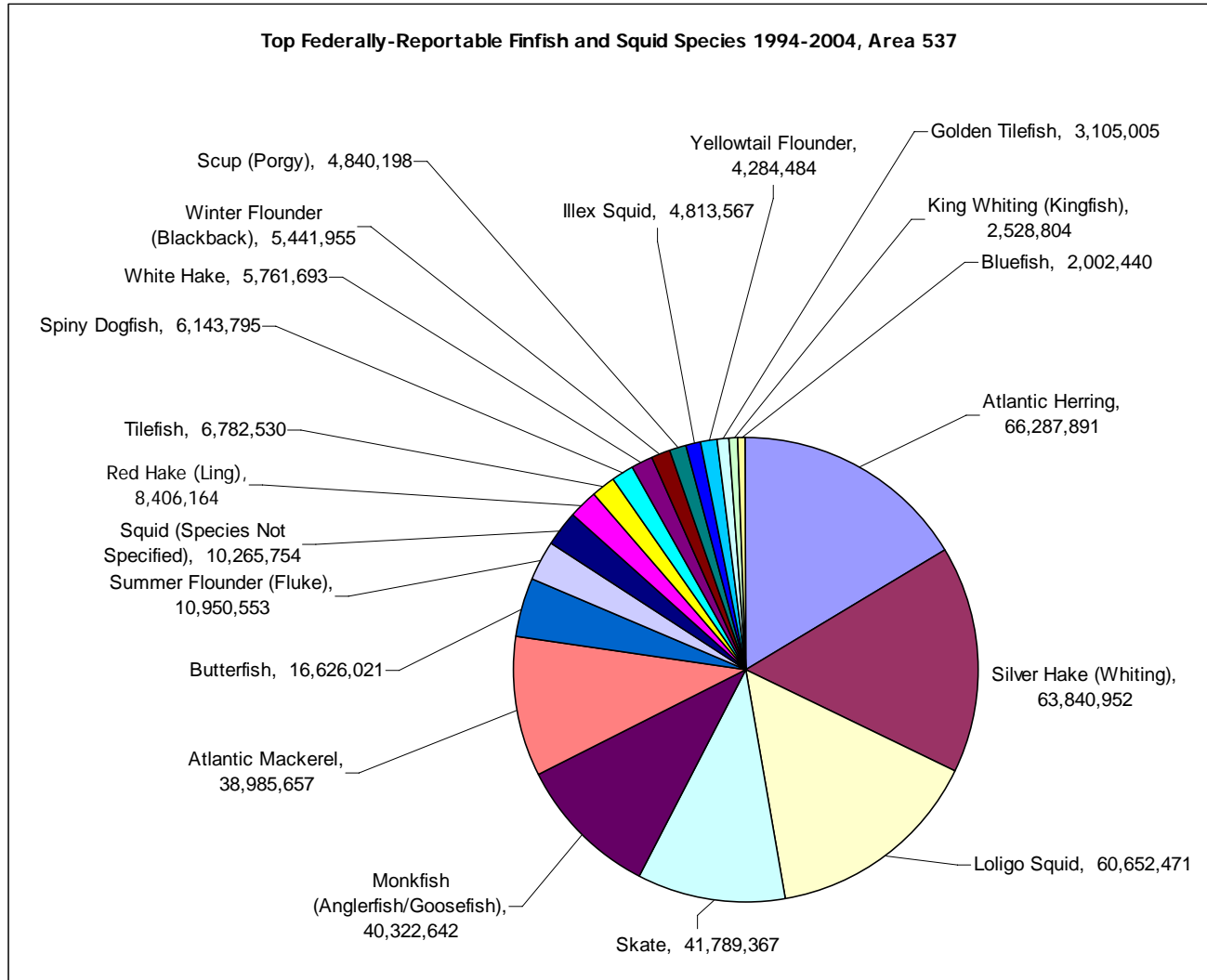


Figure 6. Top 20 federally-reportable finfish and squid species harvested from 1994 through 2004 for NMFS statistical area 537 (Source: NMFS Vessel Trip Report Data for Area 537).

Gear types reported on VTRs for the harvest of finfish and squid species in Area 537 from 1994-2004 included various types of otter trawls, pots/traps, and gill nets; midwater and bottom pair trawls; bottom and pelagic longlines; Scottish and purse seines; sea scallop and other dredges; handlines; and harpoon. The complete list of reported gear types for federally-reportable finfish and squid landings in Area 537 are presented in Table 2 for the 1994 through 2004 time period. The greatest reported landings were from bottom otter trawls (approximately 279.6 million pounds). Midwater otter trawls and sink gill nets also captured a large fraction of the total federally-reportable finfish and squid landings in Area 537 during this time period.

Table 2. Total federally-reportable finfish and squid landings by gear type in Area 537 from 1994-2004 (Source: NMFS Vessel Trip Report Data, Area 537).

Gear Types	Federally-Reportable Finfish and Squid Landings (lbs) Statistical Area 537
Otter Trawl, Bottom, Fish	279,590,100
Otter Trawl, Midwater	57,135,889
Gill Net, Sink	34,407,147
Pair Trawl, Midwater	25,920,741
Longline, Bottom	9,287,016
Other Gear	5,833,293
Purse Seine	1,746,950
Mixed Gear	803,361
Dredge, Scallop,Sea	678,771
Hand Line/Rod & Reel	531,790
Longline, Pelagic	484,103
Otter Trawl, Bottom, Shrimp	308,071
Otter Trawl, Bottom, Other	281,099
Pot, Fish	207,083
Pot, Lobster	165,967
Gill Net, Runaround	92,594
Otter Trawl, Beam	76,236
Dredge, Other	59,244
Pot, Hag	50,000
Unknown/Not Reported	47,051
Pair Trawl, Bottom	36,417
Gill Net, Drift, Large Mesh	23,282
Trap	7,004
Harpoon	3,350
Seine, Scottish	1,500
Pot, Shrimp	1,200
Otter Trawl, Bottom, Scallop	528
Pot, Other	430
Gill Net, Drift, Small Mesh	300
Pot, Crab	51
Grand Total	417,780,568

Source: NMFS Vessel Trip Report Data for Area 537.

2.3 Shellfish Landings

Federally-reportable shellfish landings in Area 537 between 1994 and 2004 are represented by several species including American lobster, several crab species, scallops, clams, and conch (whelk). Conch is the generic classification for the various whelks found in the Southern New England waters, including the knobbed whelk, channeled whelk, and lightning whelk. Federally-reportable shellfish harvested from Area 537 totaled approximately 50.7 million pounds from 1994 through 2004 (Figure 7). The lowest shellfish landings (approximately 1.5 million pounds) were reported in 1994 while the highest shellfish landings for Area 537 were reported in 1999 (approximately 6.4 million pounds; Figure 7). As stated earlier, quotas and management measures can affect landings; therefore some years with lower landings could be a result of management measures or quotas rather than abundance.

For Area 537, American lobster was the predominant federally-reportable shellfish species harvested from 1994-2004 (Figure 8). The other main federally-reportable shellfish harvested from Area 537 during this time period were crabs (multiple species), scallops, and surf clams. The American lobster totaled approximately 23.3 million pounds which constituted about 46.02% of the total shellfish landings over the 1994 through 2004 time period in Area 537 (Table 3). The various crab species totaled approximately 24.0 million pounds, which constituted about 47.2% of the total shellfish landings from 1994-2004 (Table 3) in Area 537.

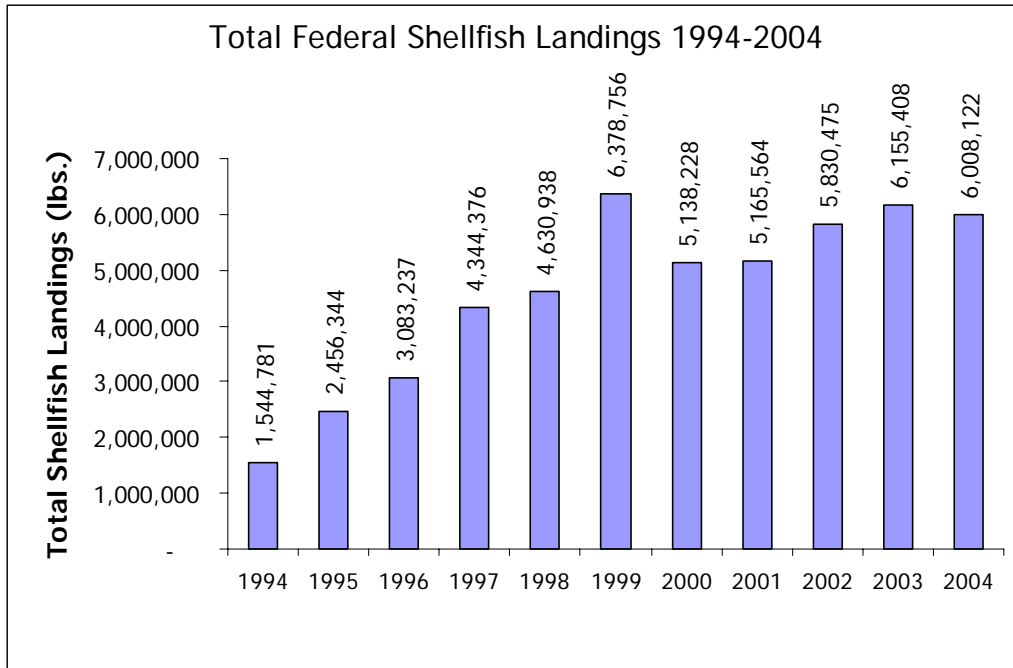


Figure 7. Total federally-reportable shellfish landings from 1994 through 2004 for statistical area 537 (Source: NMFS Vessel trip Report Data for Area 537)

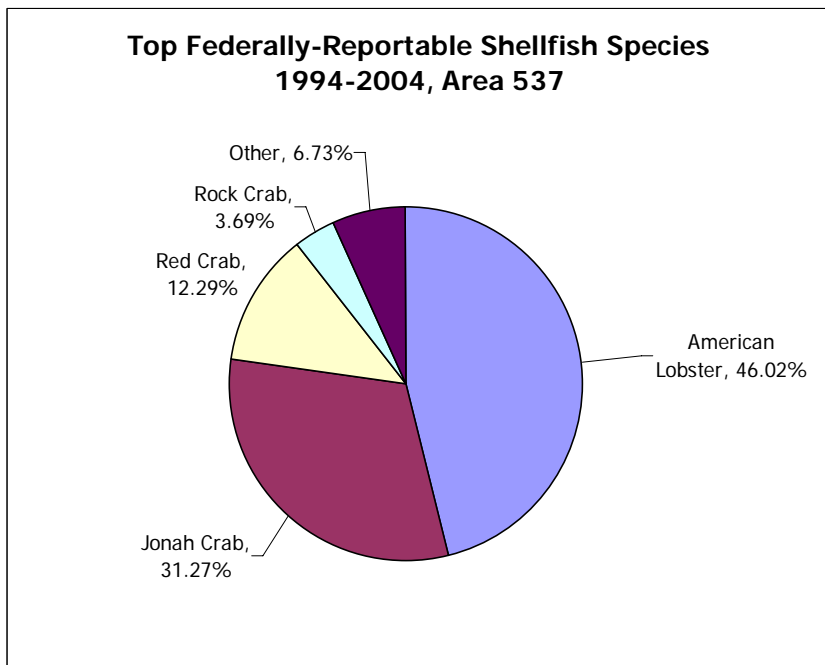


Figure 8. Top federally-reportable shellfish species landed from NMFS statistical area 537 from 1994 through 2004 (Source: NMFS Vessel Trip Report Data for Area 537)

Table 3. Total federally-reportable shellfish species landed (pounds) in Area 537 from 1994-2004 (Source: NMFS Vessel Trip Report Data for Area 537)

Shellfish Species	Total Federally-Reportable Shellfish Landings (lbs) Area 537	Percent of Total Shellfish Landings
American Lobster	23,347,577	46.02%
Jonah Crab	15,863,253	31.27%
Red Crab	6,235,997	12.29%
Rock Crab	1,872,772	3.69%
Sea Scallop	990,773	1.95%
Surf Clam	950,596	1.87%
Crab (Species Not Specified)	664,069	1.31%
Green Crab	366,595	0.72%
Blue Crab	230,094	0.45%
Channeled Whelk	46,407	0.091%
Whelk (Conch Species Not Specified)	44,980	0.089%
Blue Crab - Bushel	31,627	0.062%
Soft Clam	24,240	0.048%
Cancer Crab	16,323	0.032%
Quahogs/Bushel	12,928	0.025%
Spider Crab	9,450	0.019%
Jonah Crab - Bushel	8,050	0.016%
Calico Scallop	6,224	0.012%
Scallops - Shells	3,989	0.008%
Razor Clam	2,957	0.006%
Knobbed Whelk	2,949	0.006%
Surf Clam - Bushel	2,018	0.004%
Horseshoe Crab	1,123	0.002%
Bay Scallop	703	0.001%
Scallops - Bushel	425	0.001%
Mussels	110	0.0002%
Grand Total	50,736,229	100.0%

Source: NMFS Vessel Trip Report Data for Area 537.

The most common gear type reported on VTRs for harvesting shellfish from Area 537 from 1994-2004 was lobster pots (Table 4). Eighty-two and a half percent of the federally-reportable shellfish landings in Area 537 were harvested from lobster pots during this time period. Shellfish were also reported to be harvested from crab pots (12.52%), quahog/clam dredges (1.95%), and sea scallop dredges (1.73%).

Table 4. Gear type used for harvesting of federally-reportable shellfish in Area 537 from 1994 through 2004 (Source: NMFS Vessel Trip Report Data for Area 537)

Gear Type	Total Federally-Reportable Shellfish Landings (lbs) Area 537	Percent of Total Shellfish Landings
Pot, Lobster	41,855,833	82.50%
Pot, Crab	6,354,239	12.52%
Dredge, Ocean Quahog/Surf Clam	990,047	1.95%
Dredge, Scallop, Sea	875,863	1.73%
Otter Trawl, Bottom, Fish	327,823	0.65%
Pot, Other	101,899	0.20%
Gill Net, Sink	86,551	0.17%
Pot, Fish	40,516	0.08%
Pot, Conch/Whelk	36,760	0.07%
Pot, Shrimp	17,500	0.03%
Mixed Gear	15,271	0.03%
Other Gear	13,623	0.03%
Otter Trawl, Beam	6,213	0.01%
Trap	5,313	0.01%
Longline, Pelagic	2,957	0.006%
Otter Trawl, Bottom, Shrimp	1,605	0.003%
Otter Trawl, Bottom, Scallop	1,257	0.002%
Dredge, Other	1,065	0.002%
Unknown/Not Reported	401	0.0008%
Diving Gear	314	0.0006%
Hand Line/Rod & Reel	302	0.0006%
Otter Trawl, Bottom, Other	281	0.0006%
Longline, Bottom	241	0.0005%
Pots, Mixed	216	0.0004%
Pot, Hag	131	0.0003%
Gill Net, Runaround	8	0.00002%
Grand Total	50,736,229	100.0%

Source: NMFS Vessel Trip Report Data for Area 537.

2.4 Lobster Landings

Area 537 does support a significant lobster fishery. Federally-reportable lobster landings constituted about 5% of the total federally-reportable commercial landings and 46% of the federally-reportable shellfish landings from 1994 through 2004. Figure 9 presents the lobster landings by year for Area 537.

VTR data from Area 537 indicated the lowest lobster landings were reported in 2004 (1.2 million pounds). The highest federally-reportable lobster landings occurred in 1997 (3.0 million pounds) and in 1999 (2.99 million pounds).

The most common gear type reported to be used by commercial fishermen with federal licenses to harvest lobster is the lobster pot (Table 5). During the 1994-2004 time period, 98.6% of the federally-reportable lobster landings in Area 537 were from lobster pots, 0.9% were harvested in bottom fish otter trawls, and 0.2% were from fish pots. The remaining 0.3% of federally-reportable lobster landings in Area 537 were from mixed gear.

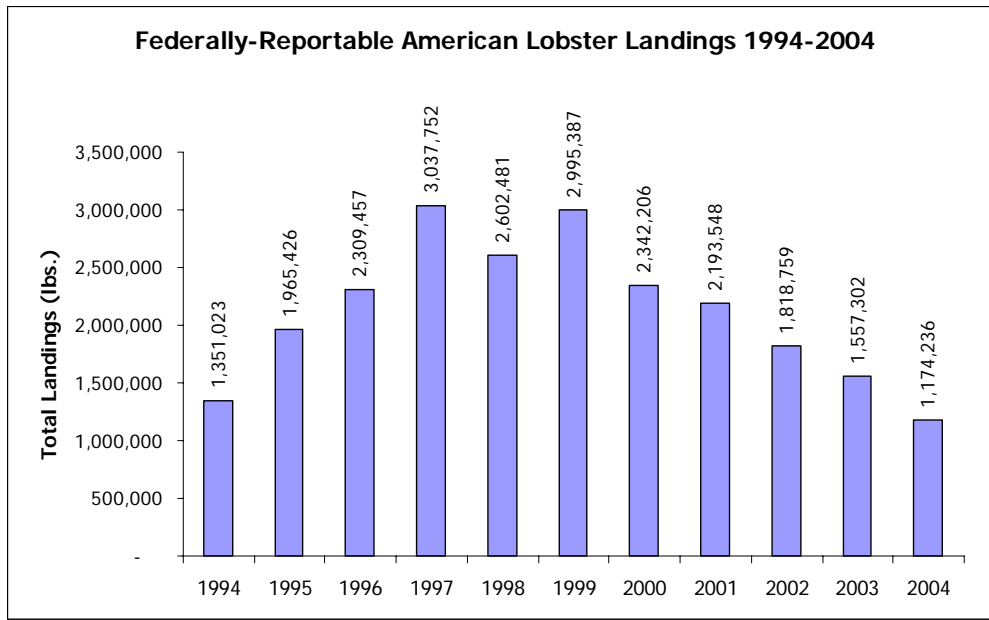


Figure 9. Total federally-reportable lobster landings from 1994 through 2004 for NMFS statistical area 537 (Source: NMFS Vessel Trip Report Data for Area 537)

Table 5. Gear type used for harvesting of federally-reportable lobster in Area 537 from 1994 through 2004 (Source: NMFS Vessel Trip Report Data for Area 537)

Gear Type	Total Federally-Reportable Lobster Landings (lbs) Area 537
Pot, Lobster	23,026,519
Otter Trawl, Bottom, Fish	221,351
Pot, Fish	36,706
Gill Net, Sink	22,658
Mixed Gear	12,158
Pot, Crab	10,153
Other Gear	6,935
Trap	4,876
Otter Trawl, Bottom, Shrimp	1,605
Pot, Shrimp	1,100
Pot, Other	980
Dredge, Scallop, Sea	605
Unknown/Not Reported	401
Pot, Conch/Whelk	365
Longline, Bottom	241
Otter Trawl, Bottom, Other	232
Otter Trawl, Bottom, Scallop	230
Pots, Mixed	151
Pot, Hag	131
Hand Line/Rod & Reel	119
Otter Trawl, Beam	53
Gill Net, Runaround	8
Grand Total	23,347,577

Source: NMFS Vessel Trip Report Data for Area 537.

2.5 Commercial Dealer Landings

Price data for commercial fish landed were obtained from the NOAA Fisheries commercial dealer database. Dealers that purchase from federally-permitted vessels must complete dealer weigh-out forms when purchasing from federal vessels. These weigh out reports include information on the pounds landed and sold to the dealer and the price paid for each species. Dealer weigh out results are reported by county and cannot be matched with the NMFS statistical area where the fish were reported to be caught. In order to get an estimate of the value of landings from Area 537, the same method that was used for Nantucket Sound was applied to this analysis. Information from both the commercial VTR database (see Sections 2.1 through 2.4 above) and the dealer database were used. Price data were obtained from the NOAA dealer database for Barnstable, Dukes, Nantucket, Plymouth, and Bristol counties. Price data for these five counties were averaged for each species by year and then this average price was multiplied by the annual pounds for each species reported in the VTR data for Area 537 to come up with an approximation of the value of federally-reportable landings from Area 537. Table 15 in Attachment A provides the price data by species and year for federally-reportable commercial landings in Area 537 from 1994-2004.

Table 6, below provides a summary of the total federally-reportable pounds harvested from Area 537 and the total value based on average price data of those federally-reportable landings for each year between 1994 and 2004. The total value for a given year ranged from \$21,452,577 in 1994 to \$43,165,266 in 1999. Higher values are associated with years that reported higher landings. See Table 15 in Attachment A for species-specific price trends over the eleven year period.

Table 6. Federally-Reportable Pounds Harvested from Area 537 and Approximate Value

Year	Federally-Reportable Pounds Harvested from Area 537	Total Value based on Average Price data from Dealer database
1994	31,147,995	\$21,452,577
1995	45,939,543	\$33,862,216
1996	58,142,287	\$36,265,304
1997	53,276,010	\$36,614,871
1998	46,777,950	\$41,234,126
1999	47,396,388	\$43,165,266
2000	38,647,841	\$33,612,413
2001	36,424,672	\$29,880,205
2002	45,276,350	\$30,710,563
2003	27,567,613	\$26,392,871
2004	37,920,148	\$30,739,689
Grand total	468,516,797	\$363,930,101

3.0 MARINEFISHERIES COMMERCIAL LANDINGS DATA

MarineFisheries has been collecting commercial landings and catch and effort data for over thirty years. Data collection efforts focus on lobster, shellfish and some other state-regulated fisheries throughout Massachusetts. The other fisheries include: striped bass, fluke, fish weir, gillnet, and fish-pot (sea bass, scup & conch). Unlike the NOAA Fisheries federal commercial data that bases information by trip through individual trip reports (see Section 2.0), *MarineFisheries* collects information via **annual** catch reports submitted at license renewal time which details catch and effort data by month, not by trip.

For the purposes of summarizing commercial landings in the Commonwealth, *MarineFisheries* divides the coastline into statistical sampling areas. The waters of the Atlantic Ocean, south of Tuckernuck Island are designated as DMF Statistical Area 16, a large offshore statistical reporting area (Figure 10). This statistical area is essentially equivalent to the NMFS statistical reporting Area 537.

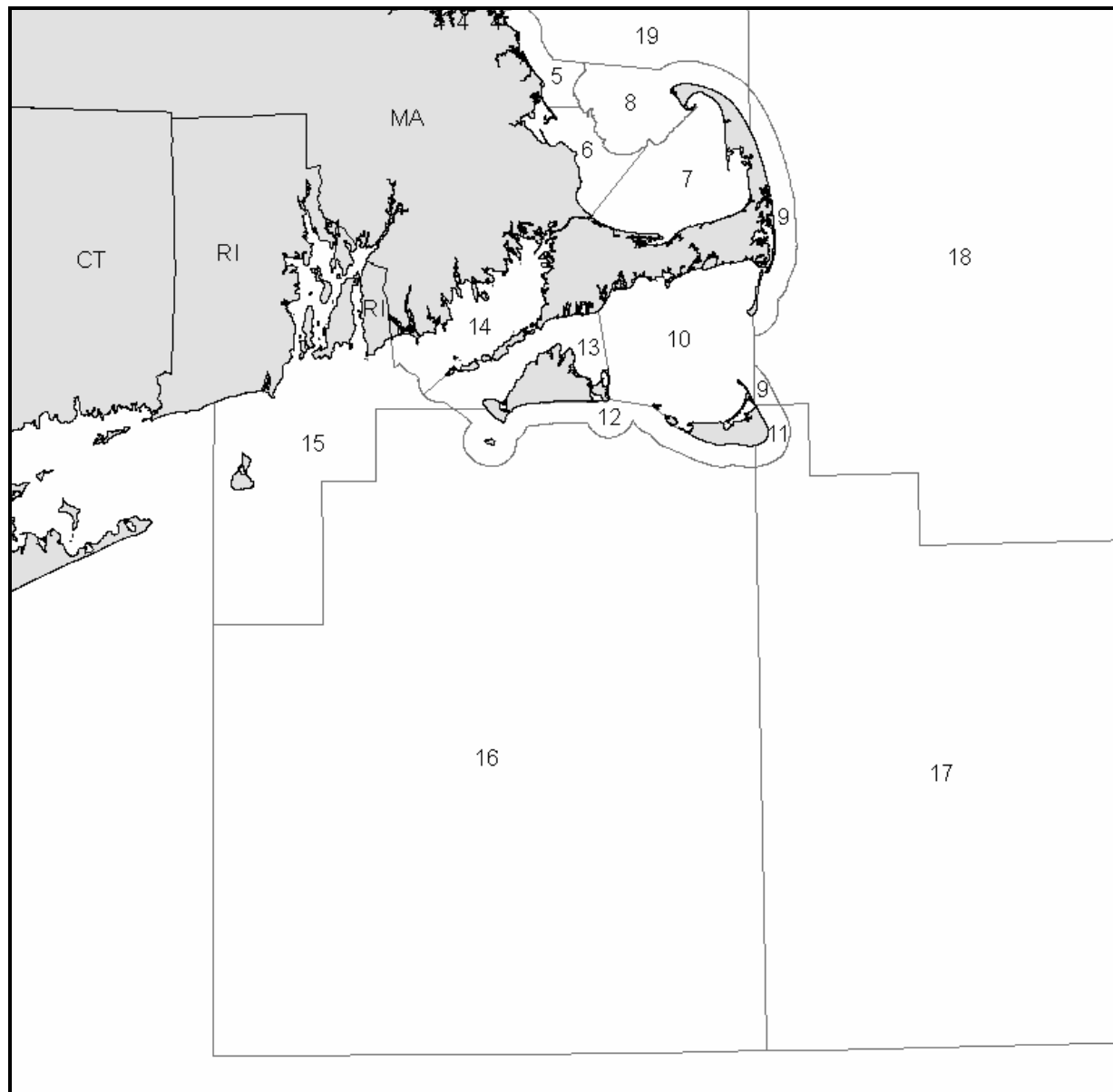


Figure 10. DMF Statistical Reporting Areas for Commercial Fishing – Note location of Area 16 (Source: *MarineFisheries*).

MarineFisheries records landings for certain species/gear types by these statistical areas and/or sub-areas. Commercial landings data from Area 16 were not evaluated in the DEIR/S since it is such a large geographical area compared to the size of the South of Tuckernuck Island Site. However, in response to comments received on the DEIR/S, commercial landings data from 1990-2004, a fifteen-year period, have now been obtained for Area 16 and are evaluated below with respect to the South of Tuckernuck Island Site. For point of reference, Area 16 is 8,092.8 square miles and the South of Tuckernuck Island site is 25.55 square miles. The South of Tuckernuck site is only 0.3% of the total area occupied by DMF Area 16, so much of the fishing activity likely occurs in the larger area outside of the proposed South of Tuckernuck site.

Only three out of the seven state-regulated fisheries are active or tracked by *MarineFisheries* in Area 16. There is no weir or striped bass fishing in Area 16 (both occur within state waters only). In Massachusetts, shellfish landings are reported by Town and other state water areas, therefore, these data are not available for offshore Area 16. In addition, if commercial fishermen only harvested sea scallops, ocean quahogs and/or surf clams,

they are not required to report their catch to *Marine Fisheries* (DMF personal communication, email to S. Herz on 8/2/2005). Therefore, these shellfish landings are also not available from *Marine Fisheries* for Area 16 even though there are likely commercial catch of these species in Area 16.

In summary, the three state-reportable fisheries tracked by *Marine Fisheries* in Area 16 include lobster/crab, gillnet and fish pot (sea bass, scup and conch). The landings results from these fisheries are summarized below.

3.1 License Information

Information on state-issued licenses in Area 16 over the 15-year period was obtained from *Marine Fisheries* and is summarized in Table 7. This table represents the number of fishermen who participate in fisheries requiring annual state catch reports. It does not account for those fisheries in Area 16 that do not require annual state catch reports such as fluke, striped bass, certain shellfisheries, and scup and black sea bass harvested with gear other than pots.

For the purposes of reporting, the state-permitted fish pot fishery is further sub-divided by species: scup, conch, and black sea bass. Only a few fishermen reported harvesting scup, conch or black sea bass on state catch reports in DMF Area 16 during this time period. During several years, no licenses were issued for fish pot fishing in Area 16.

Table 7. Number of fishermen reporting fishing in DMF Area 16 via state catch reports for state managed fisheries

Fishery	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04
Fish Weir	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Lobster/Crab	42	67	73	85	104	123	111	114	111	102	100	89	92	68	62
Gillnet	*	*	12	11	11	6	5	7	2	1	3	3	4	7	6
Sea Bass (Fish Pot)	0	0	0	1	1	0	1	0	0	1	0	1	0	1	0
Conch (Fish Pot)	*	*	0	1	2	0	1	0	0	0	0	0	0	0	0
Scup (Fish Pot)	*	*	*	*	1	0	2	0	1	0	0	0	0	0	0

* means the data was unavailable for these years

3.2 Gill Net and Fish Pot Fisheries

The fish species reported on catch reports to DMF from gill nets and fish pots are presented in Table 8. The fish pot fishery targets demersal species such as scup, sea bass and conch. No other species are reported for fish pots.

Table 8. Species reported on state catch reports from gill nets and fish pots in DMF Area 16 from 1990 through 2004

Gillnet	Fish pot
Atlantic Mackerel	Conch
Bluefish	Scup
Bonito	Sea bass
Cod	
Cusk	
Dab (Plaice)	
Dogfish	
Flounder (Unclassified)	
Fluke	
Gray Sole (Witch)	
Groundfish (Unclassified)	
Haddock	
Hake	
Herring (unclassified)	
Monkfish	
Pollock	
Red Hake	
Scup	
Skate	
Summer Flounder	
Tautog	
White Hake	
Whiting	
Winter Flounder	
Wolffish	
Yellowtail Flounder	

Gill Net Fishery: Total state-reported landings from the gill net fishery in Area 16 from 1992 to 2004 totaled approximately 13 million pounds (Figure 11). In DMF Area 16, an average of 11 species and 999,500 pounds of fish were reported caught using gill nets annually between 1992 and 2004. Highest reported landings occurred between 1992 and 1994 with approximately 4.0, 3.2, and 1.2 million pounds reported respectively. The average pounds landed between 1995 and 2004 (eliminating the three peak years) was only approximately 452,700 pounds. Figure 11 depicts the total annual reported state landings from gillnets for Area 16. Dogfish, monkfish, skate, and cod were the most common species reported in state catch reports to be harvested from fish gill nets from Area 16. The annual landing trends for these species are shown in Figure 12 and Figure 13. Individual species landed by year for the state-managed gill net fishery in DMF Area 16 are presented in Table 1, Attachment B.

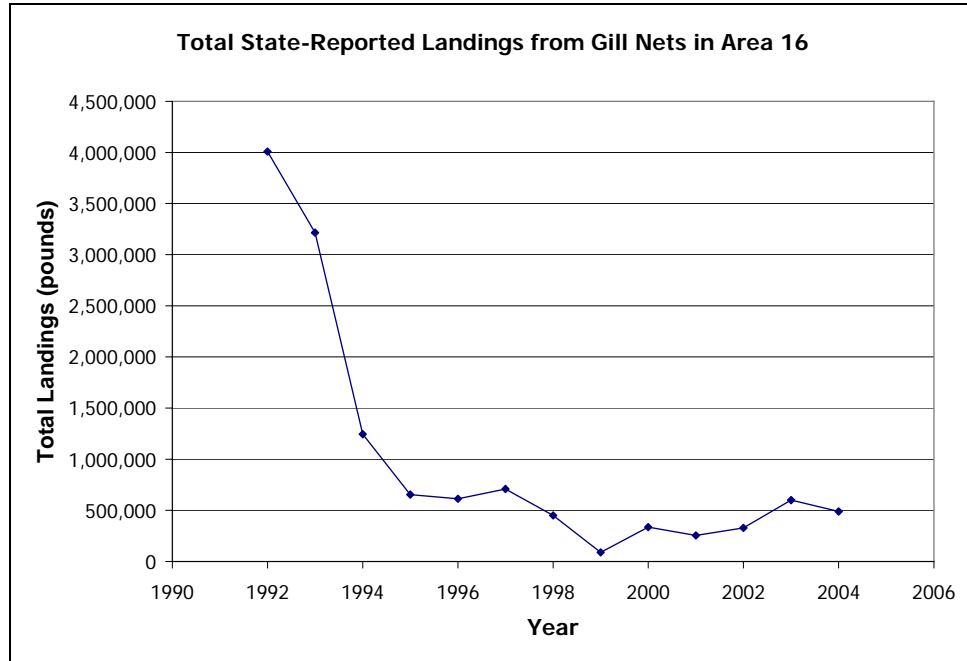


Figure 11. Total state-reported landings from the gill net fishery in DMF Area 16. (Source: *Marine Fisheries Commercial Data 1990-2005 – Area 16*)

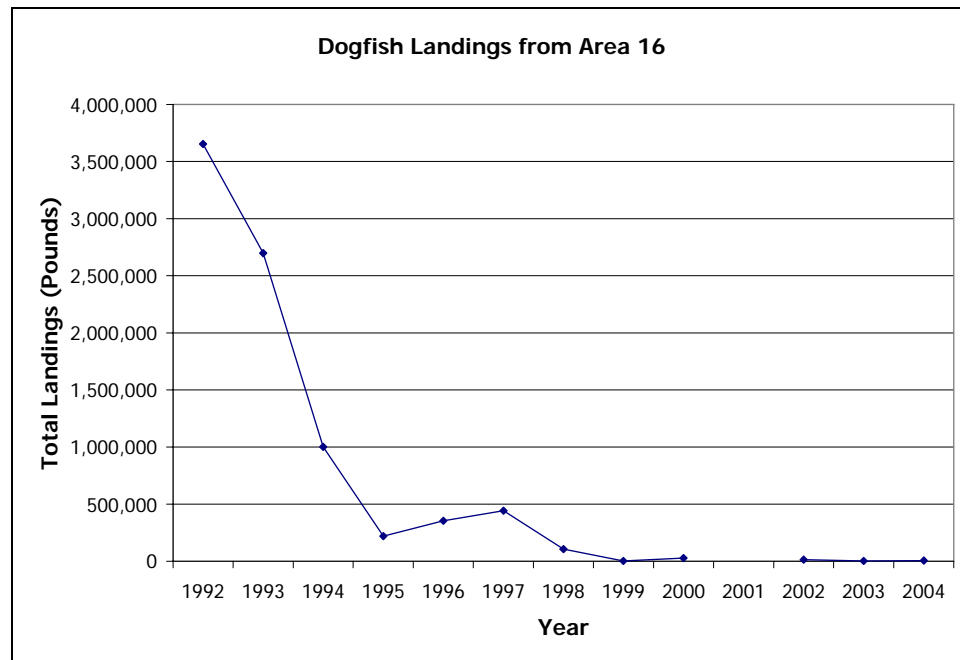


Figure 12. Dogfish landings (top species landed from gill nets) in DMF Area 16 from 1990 through 2004 (Source: *Marine Fisheries Commercial Data 1990-2004*).

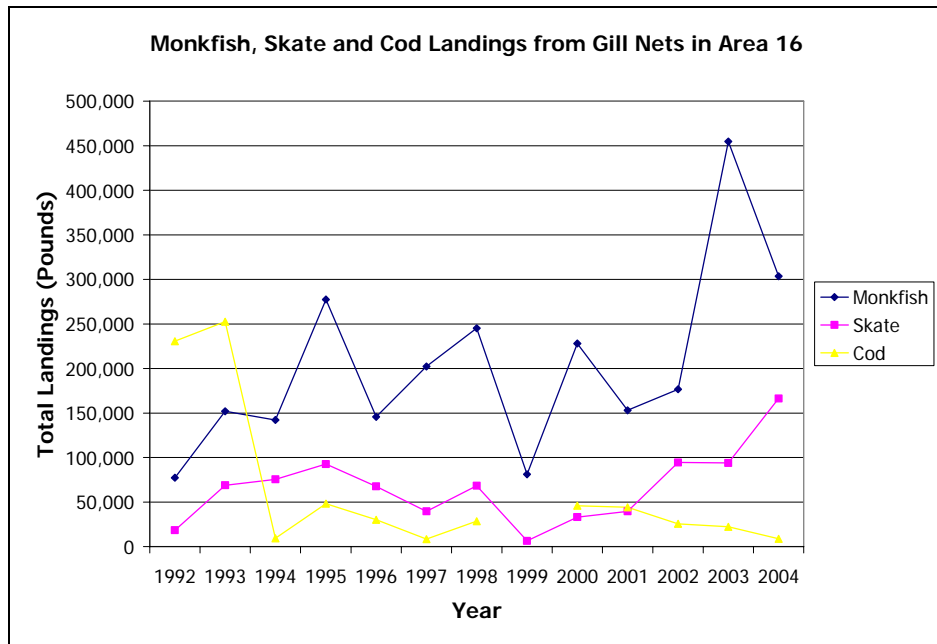


Figure 13. Monkfish, skate and cod landings (next most common species landed from gill nets) in DMF Area 16 from 1990 through 2004 (Source: *Marine Fisheries Commercial Data 1990-2004*).

Fish Pot Fishery: The state-permitted fish pot fishery includes the conch, black sea bass, and scup pot fisheries. Conch were only reported from 1992 to 2004 because fishermen were not required to file catch reports for conch prior to this date. Catch reports were not required for scup from 1990 to 1993. Figure 14 presents the total annual state-reported landings of conch, sea bass and scup from fish pots in Area 16.

The state-permitted conch pot fishery is open from April 15 to December 14. State-reported conch landings from fish pots between 1992 and 2004 totaled approximately 48 thousand pounds for Area 16. State conch landings from fish pots were only reported during the months of April through November in three of the fifteen years: 1993, 1994, and 1996. Maximum landings were reported in 1993 with 32,750 pounds landed. The lowest landings were reported in 1994 with 1,481 pounds landed. Seasonally, state-reported conch landings from fish pots are generally highest during the months of April through July, averaging approximately 612 pounds during those months (Figure 15). Attachment B (Table 2) presents state-reported conch landings by month and year for the fish pot fishery DMF Area 16.

State-reported sea bass landings from fish pots from 1990 through 2004 totaled approximately 47 hundred pounds for Area 16. Sea bass landings were only reported for six out of the fifteen years: 1993, 1994, 1996, 1999, 2001, and 2003. Annual state-reported sea bass landings were highest in 1999 and 2001, and were reported at or below 500 pounds landed for each of the other four years reported. Seasonally, sea bass landings from fish pots in Area 16 were highest in October for the 1990 through 2004 period, averaging approximately 237 pounds (Figure 15). Attachment B (Table 3) presents state-reported sea bass landings by month and year for the fish pot fishery in DMF Area 16.

State-reported scup landings from fish pots totaled approximately 73 hundred pounds from 1994 to 2004 for Area 16. State scup landings from fish pots were only reported during the months of June through October in three of the fifteen years: 1994, 1996, and 1998. Maximum landings were reported in 1998 with approximately 48 hundred pounds landed. The lowest landings were reported in 1994 with 649 pounds landed. Seasonally, state-reported scup landings from fish pots are generally highest during the month of September, averaging approximately 378 pounds (Figure 15). State-reported scup landings by month and year for the fish pot fishery in DMF Area 16 are presented in Attachment B (Table 4).

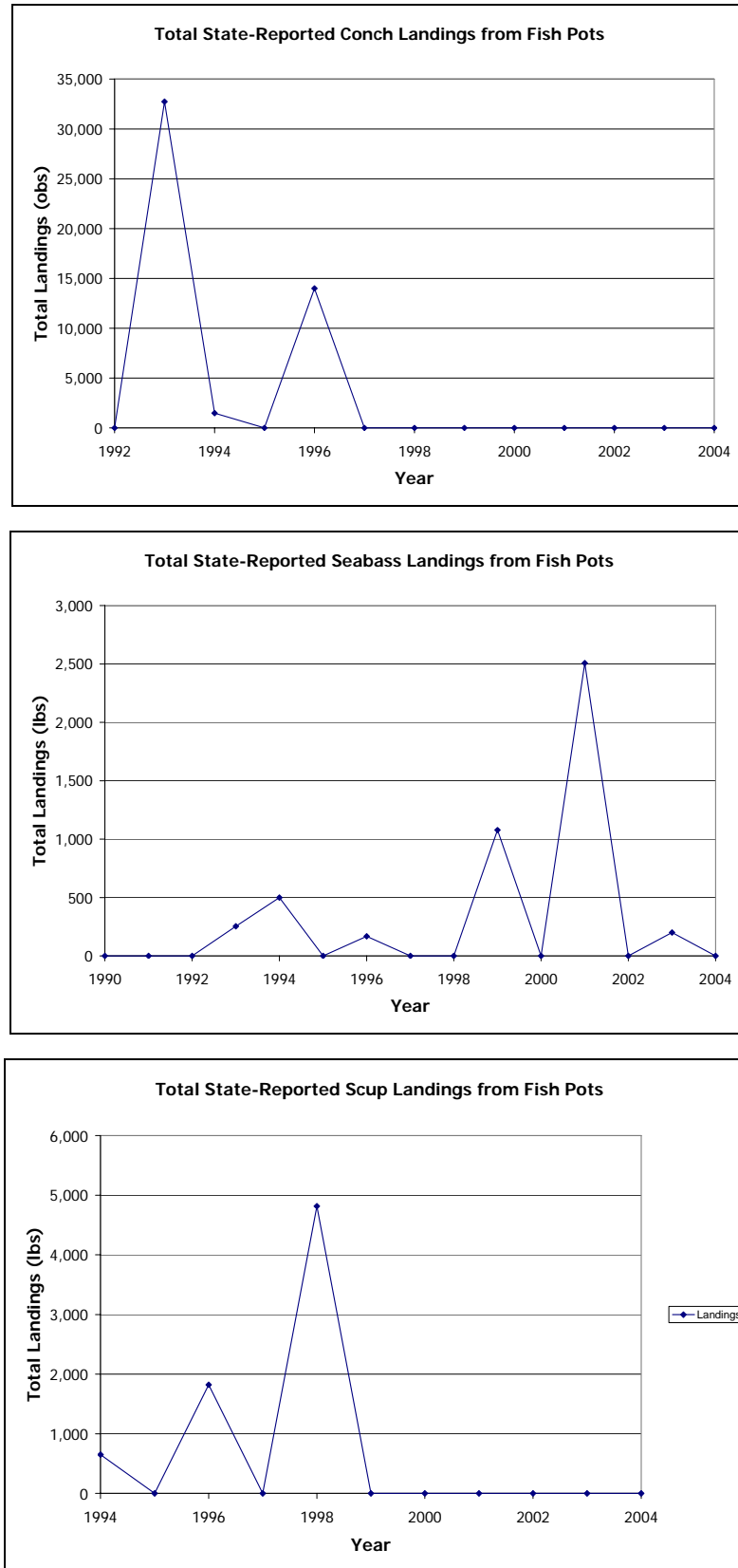


Figure 14. Trends in annual state-reported commercial landings of conch, sea bass and scup from fish pots in DMF Area 16 (Source: *Marine Fisheries Commercial Data 1990-2004*)

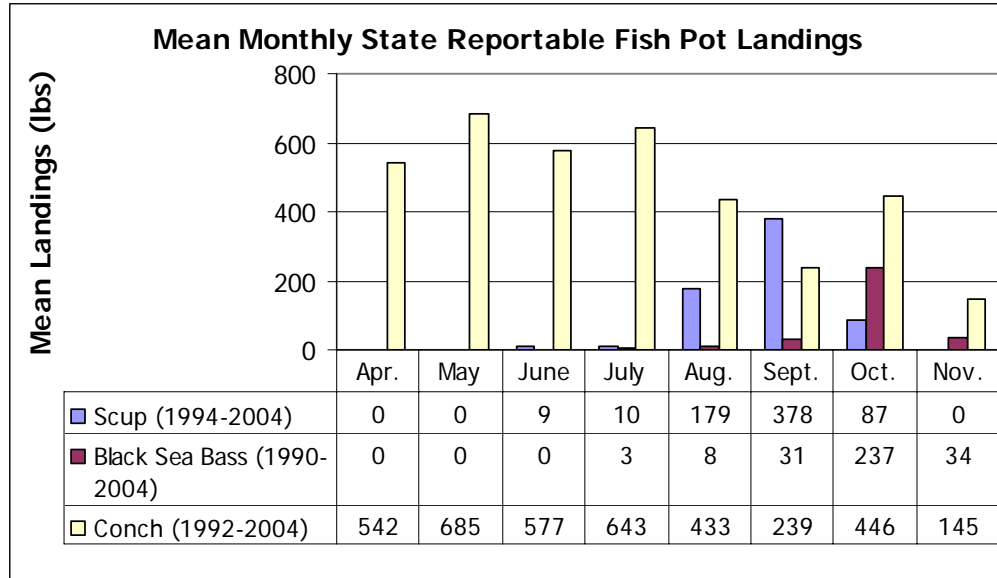


Figure 15. Mean monthly state-reported commercial fish pot landings for conch, sea bass and scup from DMF Area 16 (Source: *Marine Fisheries* Commercial Data 1990-2004)

3.3 Shellfish Landings

According to *Marine Fisheries*, shellfish landings are reported by Massachusetts coastal towns and in other state-waters (Nantucket Sound, Buzzards Bay, etc.). Therefore, since Area 16 is an offshore reporting area beyond state waters, there are no shellfish landings reported via *Marine Fisheries* shellfish catch reports for this area.

3.4 Crab and Lobster Landings

Commercial lobster harvesting with pots in Massachusetts’ waters is open year-round. Commercial fishermen harvest both lobster and crab from lobster pots. A summary of the crab and lobster landings from state-permitted lobster pots in Area 16 is provided below.

Crab Landings

Most of the time, crab is considered bycatch in the lobster pot fishery, but some commercial fishermen do target crabs. Commercial fishermen reporting crab landings caught in permitted lobster pots report their catch as “crab” on catch reports and are not required to identify to species.

The total annual landings of crab species reported on state lobster pot catch reports in Area 16 from 1990 through 2004 is presented in Figure 16. Approximately 14.3 million pounds of crab were reported harvested by state permittees from Area 16 during this time period. From 1997 to 1999, state-reported crab landings caught in lobster pots increased from approximately 735 thousand pounds to just over 1.7 million pounds. Landings declined in 2000, but have been on a steady incline through 2004. State-reported crab landings from lobster pots in Area 16 from 1990 to 2004 are presented by month and year in Table 5, Attachment B.

Lobster Landings

State-regulated commercial lobster landings have been reported at least once for each month of the year from 1990 through 2004. The total annual state-regulated landings for lobster in DMF Area 16 from 1990 through 2004 are presented in Figure 17. Approximately 17.96 million pounds of lobster were reported harvested by state permit holders from DMF Area 16 during this time period. From 1990 to 1996, annual average state-reported lobster landings were approximately 1.3 million pounds. In 1997, annual state-reported lobster landings peaked at approximately 1.6 million pounds. From 1998 to 2004, annual state-reported lobster landings have steadily decreased from approximately 1.4 million pounds to a record low of 483 thousand pounds. This dramatic drop in

lobster landings is consistent with the Atlantic States Marine Fisheries Commission (ASMFC) findings. According to the ASMFC (<http://www.asafc.org>), the Southern New England lobster management area (which includes DMF Reporting Area 16) has exhibited depleted stock abundance, low recruitment, and high fishing mortality rates over recent years. This has led the ASMFC Peer Review Panel to call for additional harvest restrictions and to initiate the development of a stock rebuilding schedule for the Southern New England stock.

Seasonally, state-regulated lobster landings were highest during the months of July through October (Figure 18), increasing substantially in July and peaking in August (mean = 246,945 pounds) and then declining steadily from August through December. State-reported lobster landings in Area 16 from 1990 to 2004 are presented by month and year in Table 6, Attachment B.

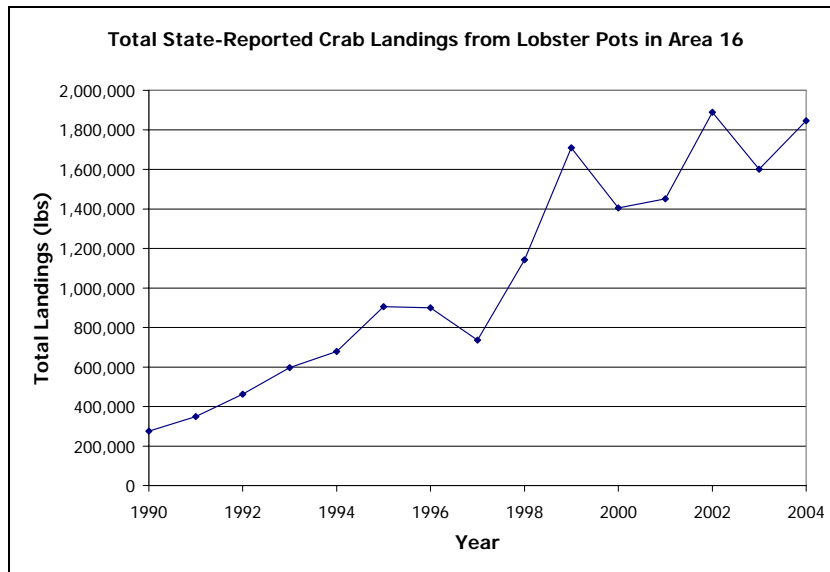


Figure 16. Total annual state-regulated crab landings from lobster pots reported in DMF Area 16 from 1990 through 2004 (Source: *Marine Fisheries Commercial Data 1990-2004*)

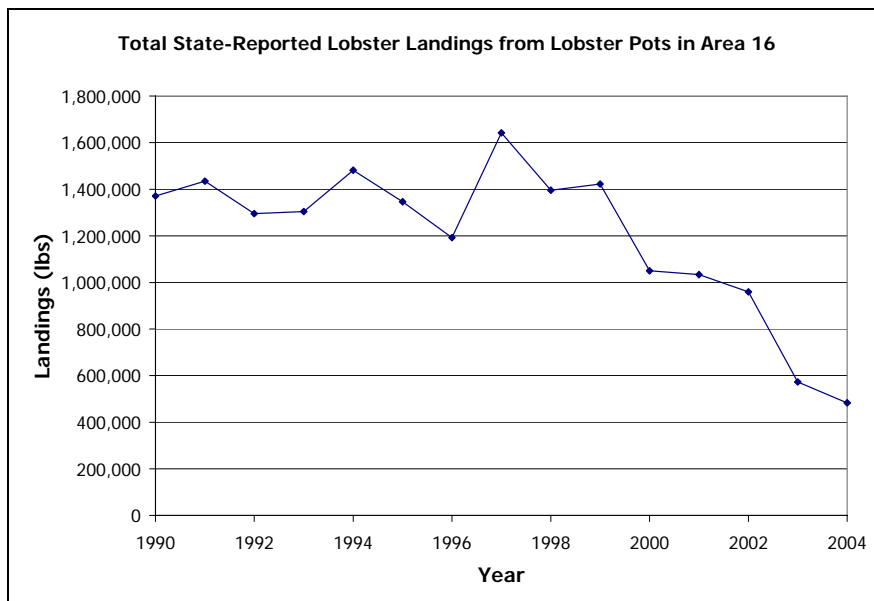


Figure 17. Total annual state-regulated lobster landings from lobster pots reported in DMF Area 16 from 1990 through 2004 (Source: *Marine Fisheries Commercial Data 1990 – 2004*)

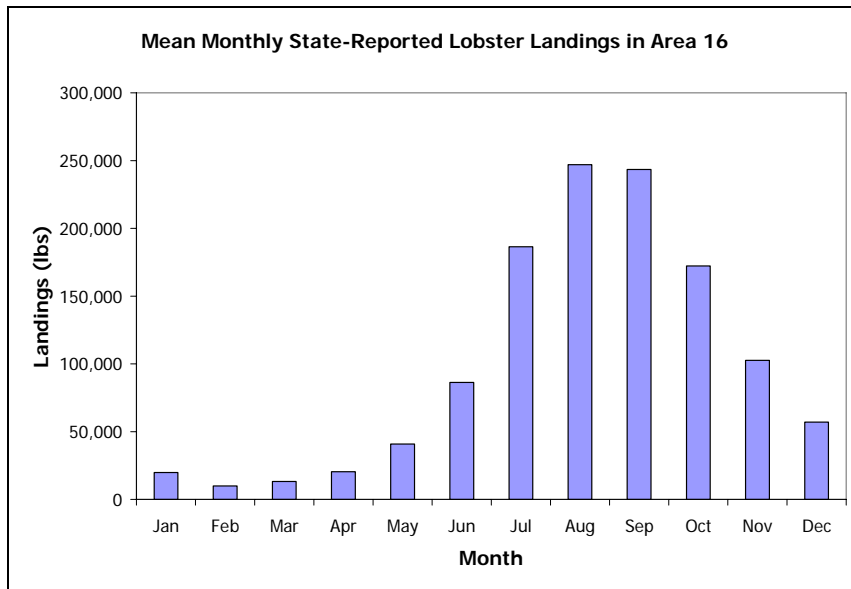


Figure 18. Mean monthly state-regulated lobster landings from lobster pots reported in DMF Area 16 from 1990 through 2004 (Source: *Marine Fisheries Commercial Data 1990 – 2004*)

4.0 NOAA FISHERIES RECREATIONAL DATA

4.1 Marine Recreational Fisheries Statistics Survey

Until 1979, data on marine recreational fisheries were not collected on a regular basis. In 1981, NMFS developed a Marine Recreational Fisheries Statistics Survey (MRFSS) to establish a database, which could be used for evaluating the impacts of recreational fishing on marine resources throughout the country. These surveys are conducted through telephone interviews or face-to-face interviews with recreational anglers at various ports. Unlike the commercial information, recreational fisheries data are not reported using a statistical sampling grid of the coastal waters. Instead, NMFS interviewers record the county where the survey was conducted, or if a phone interview was used, the county where anglers reported they visited to participate in recreational fishing activities. Surveyors question anglers as to where they fished, how long they fished, what types of gear they used, as well as what species they caught.

The information requested by NMFS using the MRFSS attempts to capture information from the surveyed population on the numbers of individuals that participate in the various types of recreational fisheries (i.e., hook and line, charter boat, private boat, etc.), the number of trips and hours spent fishing by the anglers, and the numbers and species of fish caught. The true recreational fishing effort would be greater than this, since NMFS cannot target every angler for a given year. These data can best be used to get a sense of fishing mode, length of fishing, gear type used and species caught by a proportion of individuals from a surveyed population.

MRFSS data from Dukes, Barnstable, and Nantucket counties from 1990-2004 were obtained and analyzed for the South of Tuckernuck site. These are the same counties used to evaluate recreational fishing in Nantucket Sound. It is important to note that the recreational fishery information summarized below cannot be directly related to recreational fishing at the South of Tuckernuck site. From the surveys, there is no way to determine the exact fishing location of the anglers that responded to the survey. Therefore, although survey information was gathered from these three counties, it can only be assumed that some portion of the anglers interviewed from these counties were truly fishing in the South of Tuckernuck site and not in other areas such as Nantucket Sound, farther out on the Cape, in Buzzards Bay, or in Cape Cod Bay. It is most likely that recreational fishing activities occurring in or in the vicinity of the South of Tuckernuck site would be out of Dukes or Nantucket counties. However, data from Barnstable County was also included in the analysis.

Information that was summarized from the recreational statistics data included fishing effort by mode, fishing effort by hours fished as reported by individual anglers, type of gear used by individual anglers, number of fish

reported by anglers, as well as the number of fish observed by interviewers during surveys, and the fish species observed by interviewers during surveys. The recreational fishing data are presented as 2-month intervals referred to as waves. For New England, no surveys were conducted during January and February (Wave 1).¹ The total number of MRFSS surveys used to summarize recreational fishing in the three evaluated counties is shown in Table 9. NMFS waves are as follows:

- Wave 1: January and February
- Wave 2: March and April
- Wave 3: May and June
- Wave 4: July and August
- Wave 5: September and October
- Wave 6: November and December

Table 9. Number of MRFSS surveys reported from Dukes, Barnstable and Nantucket counties

Year	Number of Surveys
1990	2,916
1991	2,479
1992	2,503
1993	3,105
1994	3,063
1995	3,446
1996	2,600
1997	2,594
1998	2,717
1999	2,627
2000	2,184
2001	2,474
2002	2,298
2003	2,906
2004	2,218
Grand Total	40,130

Data from three distinct modes of fishing were compiled and summarized (fishing from shore, fishing from a charter or party boat and fishing from a private or rental boat). Fishing from shore is comprised of any pier, dock or structure built over the water, any rock wall built out into the water or parallel to the shore to restrain currents or protect a harbor, a breakwater device, bridges, causeways, beaches or banks. Fishing effort from shore may not provide much pertinent information to the recreational fishing that occurs on the alternative Wind Park site South of Tuckernuck Island, but will be important in addressing concerns of anglers fishing near the proposed cable landfall areas.

A head or party boat is defined as a boat on which fishing space and privileges are provided for a fee. The vessel is operated by a licensed captain and crew. A charter boat is also operated by a licensed captain and crew; however, the anglers are part of a pre-formed group that "charters" the boat, captain and crew for a specific price and time. A private boat is that belonging to an individual. A rental boat is rented and operated by the renter. No captain or crew is provided for private or rental boats.

Based on the surveyed population, the use of private boats or rental boats appears to be the most common mode of recreational fishing over the past fifteen years (Figure 19). Approximately 45% of the individuals surveyed

¹ http://www.st.nmfs.gov/st1/recreational/the_mrfss.html

reported using private/rental boats when engaged in fishing activities from 1990-2004. Surveyed anglers reporting the use of party/charter boats was much lower than private boats (15%). Out of the 40,130 anglers surveyed, the number reporting that they used charter/party boats ranged from a low of 274 individuals in 1999 to a high of 586 in 2003. Based on the surveyed population, fishing from shore was also more common than the use of charter/party boats over this fifteen year period. Approximately 40% of the individuals surveyed reported fishing from shore as the mode of recreational fishing from 1990-2004. Attachment C (Table 1) presents the complete MRFSS survey results of recreational fishing effort by mode, year and wave for Barnstable, Dukes and Nantucket counties between 1990 and 2004.

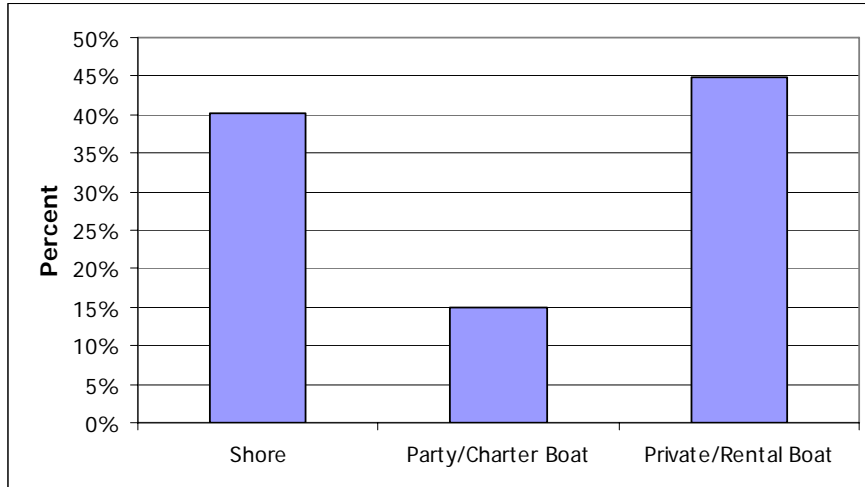


Figure 19. Percent of surveyed anglers reporting mode of fishing as shore, party/charter boat, or private/rental boat from surveys conducted from 1990 through 2004 in Dukes, Barnstable and Nantucket counties (Source: MRFSS Data 1990 – 2004)

The average length of time that surveyed individuals reported fishing over the 15-year period did not vary greatly among years (Figure 20). Average time spent fishing reported by surveyed anglers ranged from a low of 3.1 hours in 1993 to a high of 3.6 hours in 1997 and 2004.

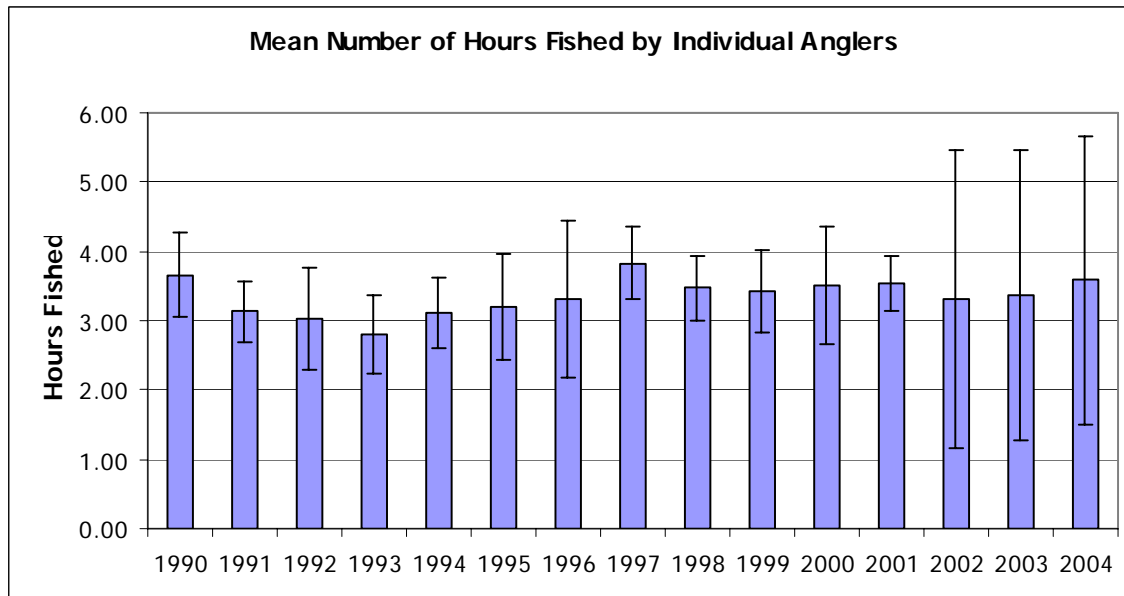


Figure 20. Mean number of hours fished by surveyed anglers calculated from all surveys conducted in Dukes, Barnstable and Nantucket counties (Source: MRFSS Data 1990 – 2004)

The mean number of hours reported by surveyed anglers was calculated by wave across all years from 1990 through 2004 (Figure 21). As expected, the number of hours fished is longer during the summer months. Based on the surveyed population, the mean number of hours fished was greatest during wave 4 (July and August) followed by wave 5 (September and October). Attachment C (Table 2) presents the complete MRFSS survey results of recreational fishing effort by hours fished, year and wave for Barnstable, Dukes and Nantucket counties between 1990 and 2004.

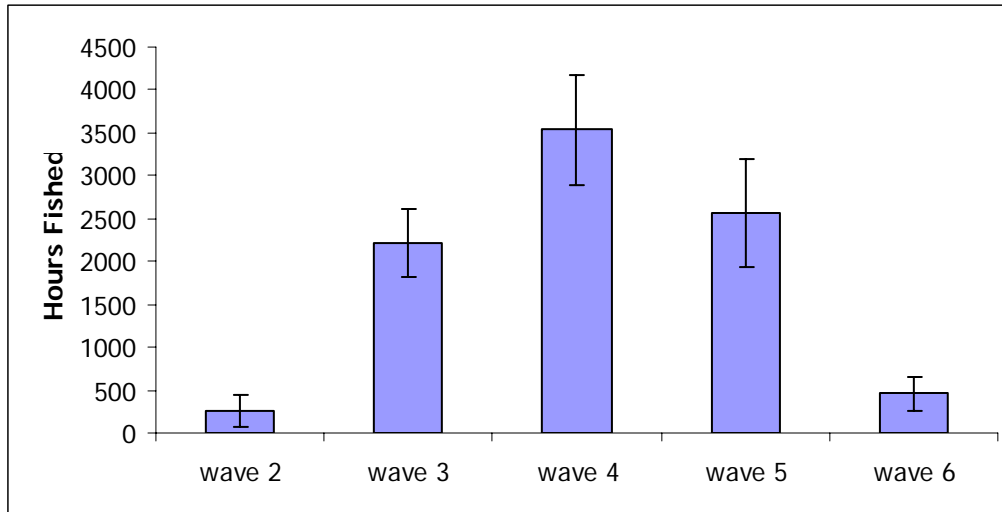


Figure 21. Mean number of hours fished by wave as reported from surveys from 1990 through 2004 from Dukes, Barnstable and Nantucket counties (Source: MRFSS 1990 – 2004)

The fishing gear reported by surveyed anglers included hook and line, dip/A frame net, cast net, gill net, seine, trawl, trap, spear, hand, or other. By far, the majority of surveyed anglers (99.7%) reported use of hook and line for recreational fishing. The use of a dip net ranked second in terms of gear used (0.105%). Some type of fish trap use was reported in only 20 of 40,079 surveys from 1990 through 2004. Gill nets were reported one time each over the 15-year period. Attachment C (Table 3) presents complete MRFSS survey results of recreational fishing by gear type, year and wave for Barnstable, Dukes and Nantucket counties between 1990 and 2004.

The number of fish reported by surveyed anglers and the number of fish observed by interviewers are reported in Attachment C (Table 4) by fishing mode, year and wave. In general, the number of fish reported by anglers during interviews increased from 1990 through 2004 (Figure 22). However, it is important to note, that if an angler is surveyed multiple times over the years, he/she may become more familiar with survey questions and may provide more detailed information on the catch. Survey interviewers observed an average of 11.5% of the catches reported by anglers fishing from shore, fishing from party/charter boats, or fishing from private/rental boats from 1990 through 2004. The greatest numbers of fish were reported from anglers using private/rental boats (Figure 22). Anglers fishing from shore reported the lowest numbers of fish.

The species of fish observed by the interviewers from 1990 through 2004 by fishing mode is presented in Attachment C (Table 5). The top five species observed by interviewers over the fifteen year survey period by common fishing mode are presented in Figure 23. The most common species observed by interviewers surveying anglers fishing from shore were bluefish, Atlantic mackerel, scup, striped bass and winter flounder. The most common species observed by interviewers surveying anglers from party/charter boats included scup, bluefish, striped bass, Atlantic cod, and black sea bass. Bluefish, summer flounder, striped bass, scup, and Atlantic mackerel were the most common fish observed by interviewers surveying anglers who were fishing from private/rental boats (Figure 23).

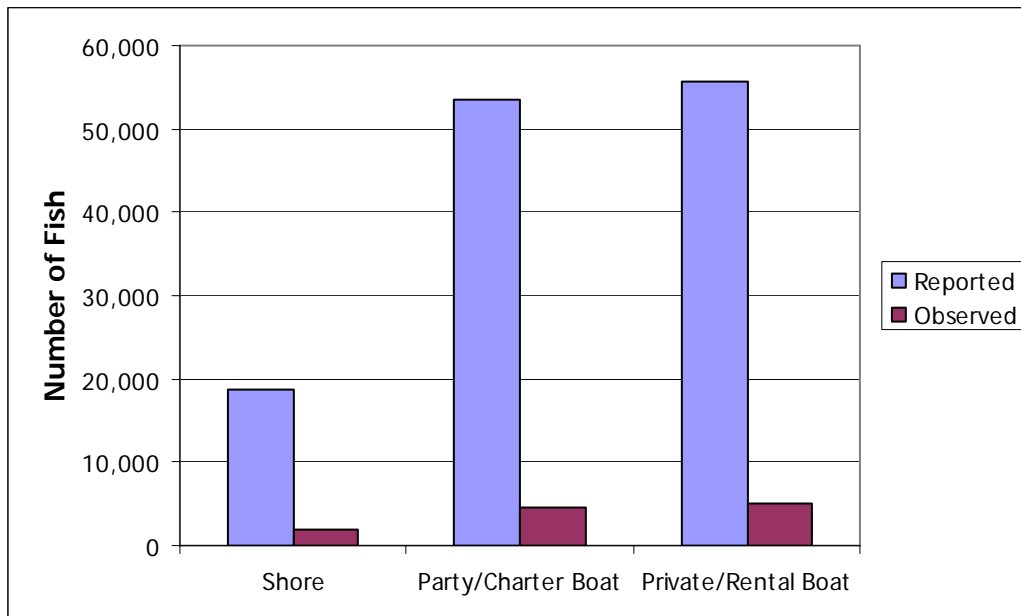


Figure 22. Total number of fish reported by surveyed anglers fishing by different modes from 1990 through 2004 in Dukes, Barnstable and Nantucket counties (Source: MRFSS 1990 – 2004)

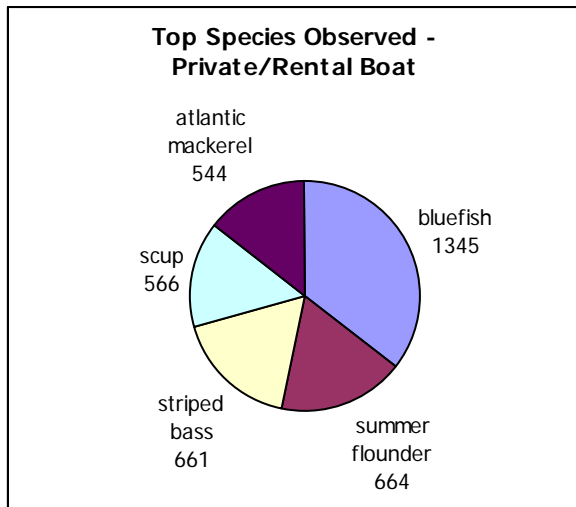
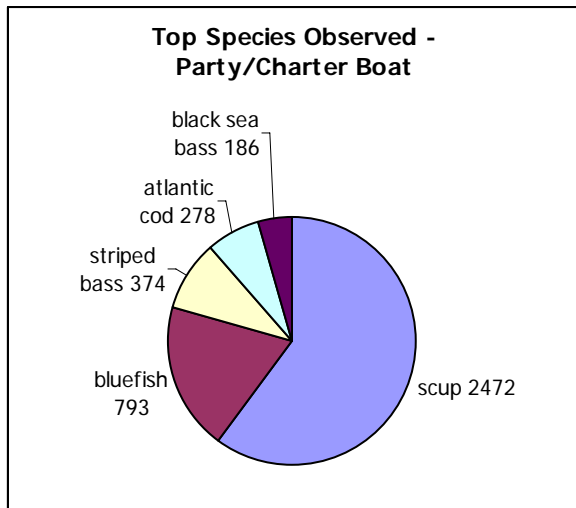
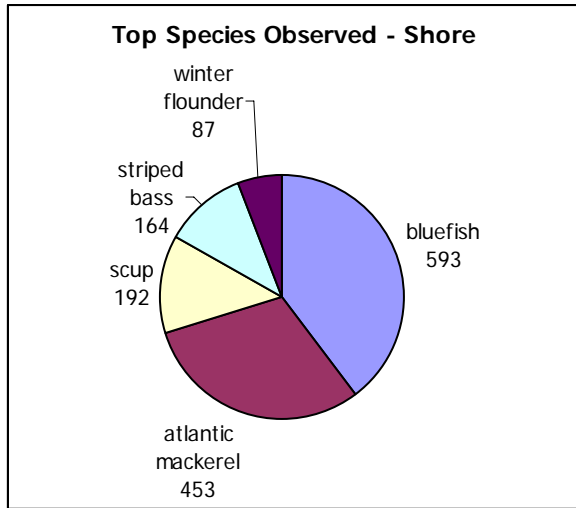


Figure 23. Top 5 species observed by interviewers surveying anglers from shore, party/charter boats or private/rental boats from Dukes, Barnstable and Nantucket counties (Source: MRFSS 1990 – 2004)

4.2 NOAA Fisheries Recreational Vessel Trip Report Data – Charter and Party Boats

NMFS recreational VTR data from 1994-2004 was obtained from NOAA Fisheries for the waters of the Atlantic Ocean, south of Tuckernuck Island (Area 537). These data include recreational landings for federally-permitted charter or party boats subject to VTR reporting. Federal charter/party permits are issued to federal vessels by NOAA Fisheries for the following fisheries: scup, black sea bass, squid/mackerel/butterfish, bluefish, summer flounder, and New England multi-species. Federal vessel permits for bluefish were not implemented until 2000 for party/charter fisheries (NOAA Fisheries, 2005 – personal communication). Approximately 847,284 individuals were reported caught by federally-permitted recreational charter and party boats in Area 537 from 1994 through 2004 (Figure 24). The recreational data presented in Figure 24 includes finfish species, squid, and certain shellfish species. There appears to be a general trend of decreasing federally-reported recreational charter/party boat landings in Area 537 from 1994-2004.

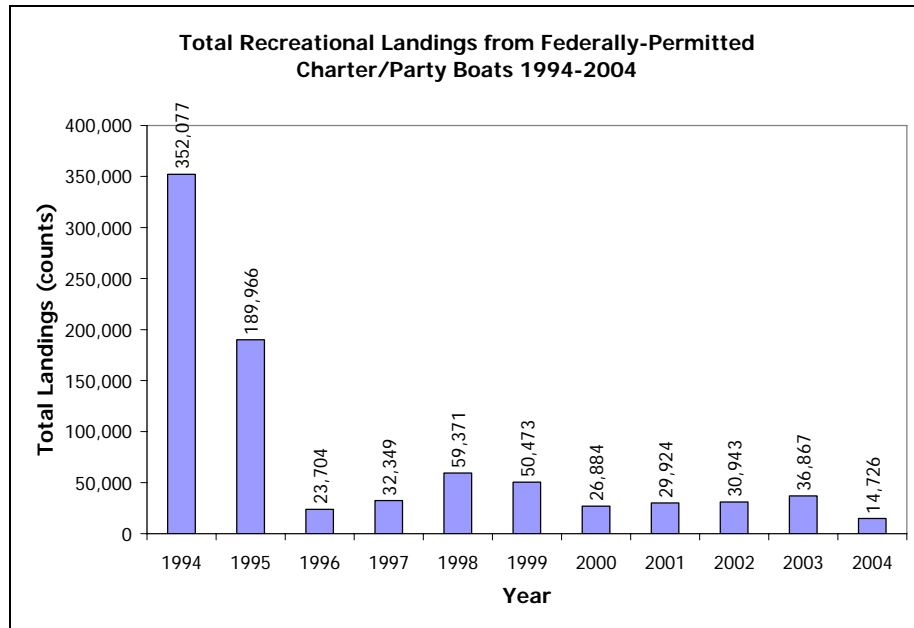


Figure 24. Total recreational landings from federally-permitted charter and party boats from 1994 through 2004 as reported from vessel trip reports for NMFS statistical Area 537 (Source: NMFS Vessel Trip Report Data, Area 537).

Charter and party boat recreational VTR data are presented annually by month and species in Tables 1 through 11 in Attachment D. A summary table showing the total federally-reportable recreational species landed by month over the 11 year period is presented in Table 12 of Attachment D. Recreational charter and party boat landings for federally-permitted vessels were reported throughout the year; however, higher landings were reported from May to November, with peak landings reported in the month of September over the eleven year period. [Waiting for clarification from NOAA Fisheries on why there were such high landings of squid in September]

Of the species reported on NMFS recreational VTRs, the top 10 species harvested from 1994 through 2004 in Area 537 included *Loligo* squid, silver hake (whiting), scup (porgy), cod, bluefish, white hake, yellowfin tuna, American lobster, summer flounder (fluke), and monkfish (anglerfish/goosefish). The top 10 species accounted for approximately 713,540 pounds of federally-reportable recreational species harvested, or about 84.2% of the total federally-reportable recreational species harvested during this time period (Table 13 in Attachment D and Figure 25).

Loligo squid was the top recreational species landed by federally-permitted charter and party boats in Area 537, with approximately 241,516 individuals reported over the 1994-2004 time period. This accounted for approximately 28.5% of the total federally-reportable recreational charter and party boat landings in Area 537 during the eleven year period. Silver hake, scup, cod, and bluefish also ranked among the top species reported by recreational charter and party boats in Area 537. These species combined accounted for approximately 39% of the total federally-reportable recreational charter and party boat landings during the eleven year period.

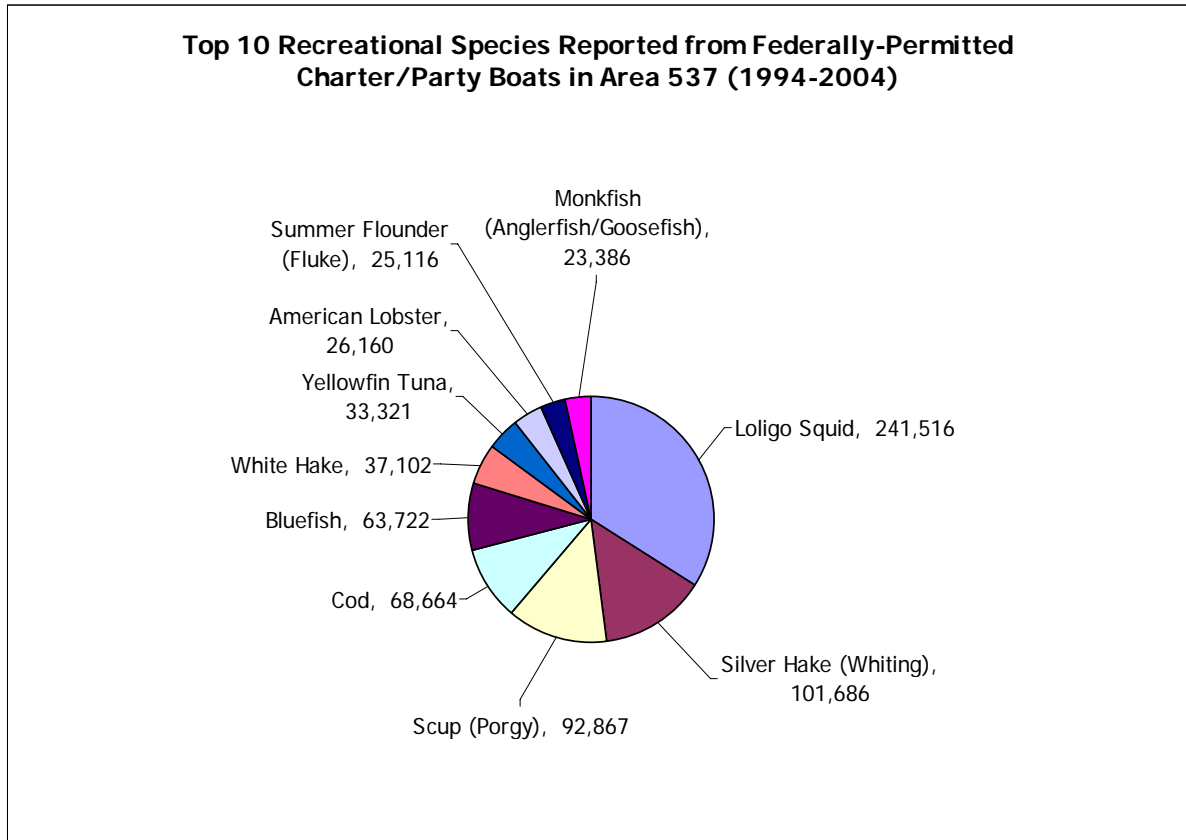


Figure 25. Top 10 recreational species reported caught from federally-permitted charter and party boats from 1994 through 2004 for NMFS statistical Area 537 (Source: NMFS Vessel Trip Report Data for Area 537).

Gear types used to harvest these recreational species included otter trawls, hand line/rod & reel, lobster pots, diving gear, and mixed/other gear. Federally-reportable recreational landings by gear type are presented in Table 10 for the period 1994 through 2004 for Area 537. According to the federal recreational VTR data, the greatest landings during this time period were from bottom fish otter trawls, which accounted for approximately 503 thousand individuals or approximately 59% of the total federally-reportable recreational charter and party boat landings in Area 537. Hand line/rod & reel was the second most common gear type reported and comprised approximately 37% of the total federally-reportable recreational charter and party boat landings. The remaining gear types comprised only 3% of the total reported landings. [Waiting for clarification from NOAA Fisheries on why recreational charter/party boats using otter trawls. Not consistent with Nantucket Sound and does not make sense. Response pending, but initial response from NOAA is that it is likely a data entry error. Waiting for further clarification since so many of the reported landings data received from NOAA database indicates otter trawls as gear type]

Table 10. Total federally-reportable charter and party boat recreational landings by gear type from 1994-2004 (Source: NMFS Vessel Trip Report Data, Area 537)

Gear Type	Total Federally-Reportable Recreational Charter and Party Boat Landings (lbs) Area 537
Otter Trawl, Bottom, Fish	502,987
Hand Line/Rod & Reel	315,102
Pot, Lobster	25,149
Other Gear	3,827
Mixed Gear	150
Diving Gear	69
Grand Total	847,284

Although latitude/longitude in degrees and minutes is reported on VTRs by federally-permitted recreational charter/party vessels, NOAA indicated that these data fields could not be provided for Area 537 given the enormous size of the data files and their limited staff resources. Therefore, it is not possible to plot the location of recreational charter/party fishing activity as reported on federal VTRs for the South of Tuckernuck alternative.

5.0 MARINEFISHERIES RESOURCE TRAWL DATA

NMFS spring and fall research trawl survey data from 1964 to 2002 was obtained from trawl locations within the boundaries of the South of Tuckernuck Alternative Site (Figure 1) to characterize finfish resources in this area. The spring survey is usually conducted between March and April and the fall survey between September and October. The biannual sampling is based on a stratified random sampling design that stratifies the mid to offshore waters into zones. Each stratum has a desired number of stations based on its size.

These surveys provide a good long-term characterization of finfish resources in sampled areas, but do not represent the abundance and distribution of finfish over the entire year. Additionally, the gear type (otter trawls) and methods used during the survey are similar to gear used by commercial fishermen and are more effective at collecting demersal and semi-pelagic species. The gear that is used has a very low efficiency for fast swimming and highly migratory species such as mackerel and bluefin tuna. These species generally exhibit a pelagic distribution and spend little time near the bottom. Therefore, the NMFS research trawls may not represent accurate abundance and distribution for these and other true pelagic species. Despite these limitations, NMFS resource trawl surveys represent the best long-term monitoring data for this area and provide seasonal finfish data when adults or juveniles are potentially present in this area.

A total of 54 species were observed in the bi-annual resource trawl dataset in the vicinity of the South of Tuckernuck site between 1964 and 2002. NMFS resource trawl sampling was conducted within the boundaries of the South of Tuckernuck Alternative Site only during certain years from 1964-2002. In fact, during the entire 39-year period, data were only available for 10 of those years in the fall and for nine of those years in the spring. The spring surveys collected 30 species and the fall surveys collected 47 species over the sampling period. Total annual catch number and catch weight for each species reported in fall trawls and spring trawls is presented in Tables 1 through 4 of Attachment E. As shown in these Tables, fall catch numbers were higher than spring catch numbers; however, fall catch weight was slightly lower than spring catch weight over the sampling period. This is likely due to the large presence of juveniles that typically pass through this region in the fall.

Figure 26 and Figure 27 depict the top 10 species by catch number and catch weight collected in the fall NMFS resource trawls within the boundaries of the South of Tuckernuck site over the sampling period. The top 10 species by number accounted for 10,444 individuals, which represents approximately 96% of the total number of individuals collected during the fall surveys. The top 10 species by weight accounted for approximately 2,305 kg (5,082 pounds) which represents approximately 95% of the total catch weight collected during the fall surveys in

the South of Tuckernuck area during those years where sampling was conducted between 1978 and 2004. Seven species were ranked in the top 10 for both catch weight and catch number during the fall. Smooth dogfish, winter skate, and bluefish were ranked in the top 10 for weight but not number and silver hake, butterfish and Northern sea robin were ranked in the top 10 species by catch number but not weight.

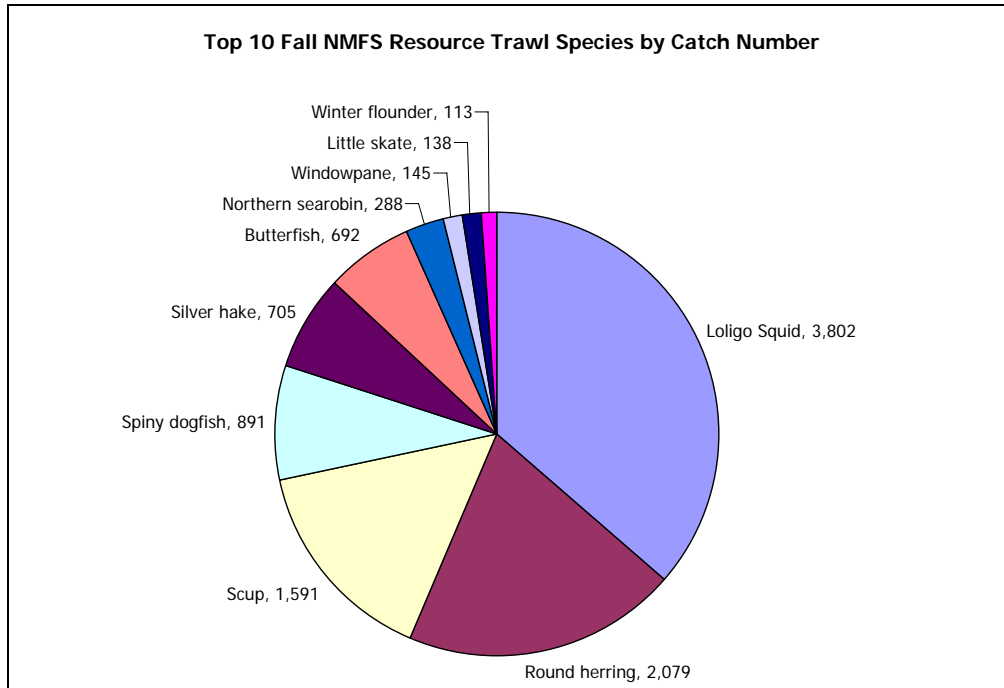


Figure 26. Top 10 Fall NMFS Resource Trawl Species by Catch Number.

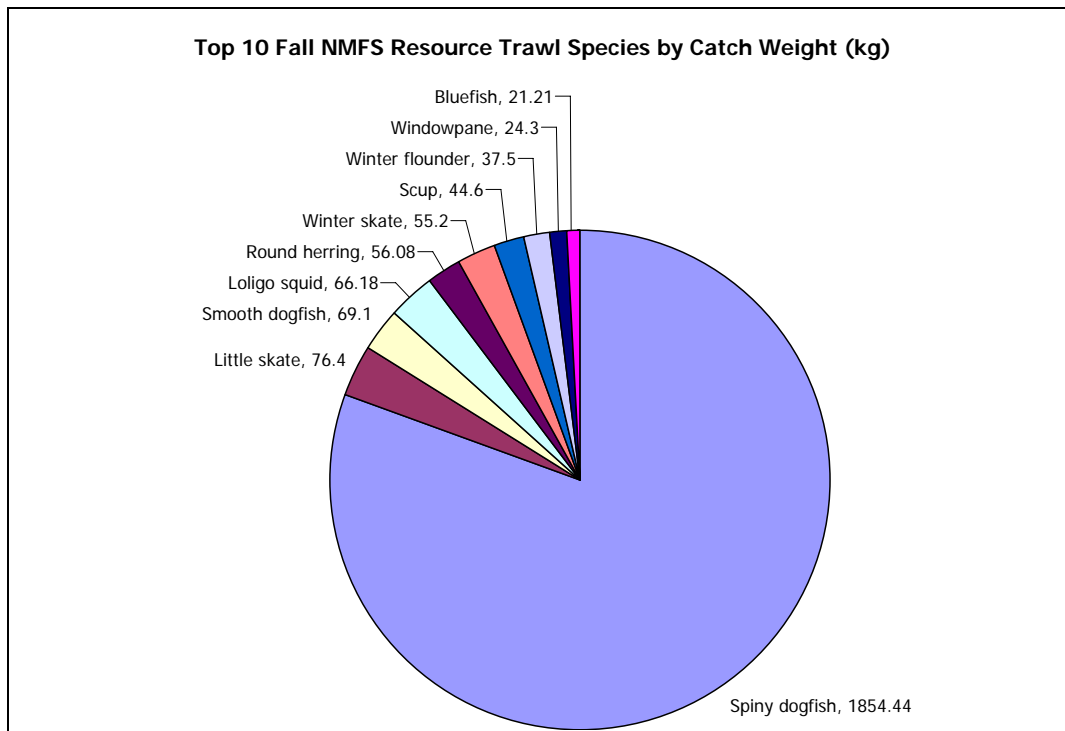


Figure 27. Top 10 Fall NMFS Resource Trawl Species by Catch Weight (kg).

Figure 28 and Figure 29 depict the top 10 species by catch number and catch weight collected in the spring NMFS resource trawls within the boundaries of the South of Tuckernuck site over the sampling period. The top 10 species by number accounted for 6,545 individuals which represents approximately 96% of the total number of individuals collected during the spring surveys. The top 10 species by weight accounted for approximately 2,613 kg (5,761 pounds) which represents approximately 98% of the total catch weight collected during the spring surveys in the South of Tuckernuck area during those years where sampling was conducted between 1978 and 2004. Nine species were ranked in the top 10 for both catch weight and catch number during the spring. Atlantic cod was ranked in the top 10 for weight but not number and the Northern sand lance was ranked in the top 10 species by catch number but not weight.

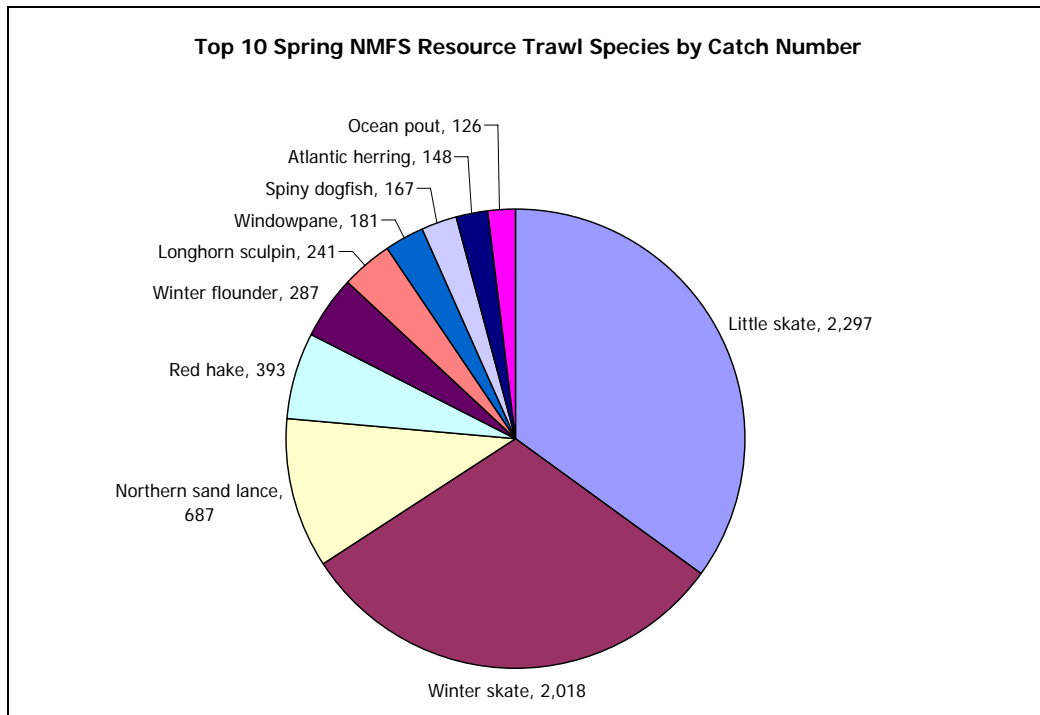


Figure 28. Top 10 Spring NMFS Resource Trawl Species by Catch Number

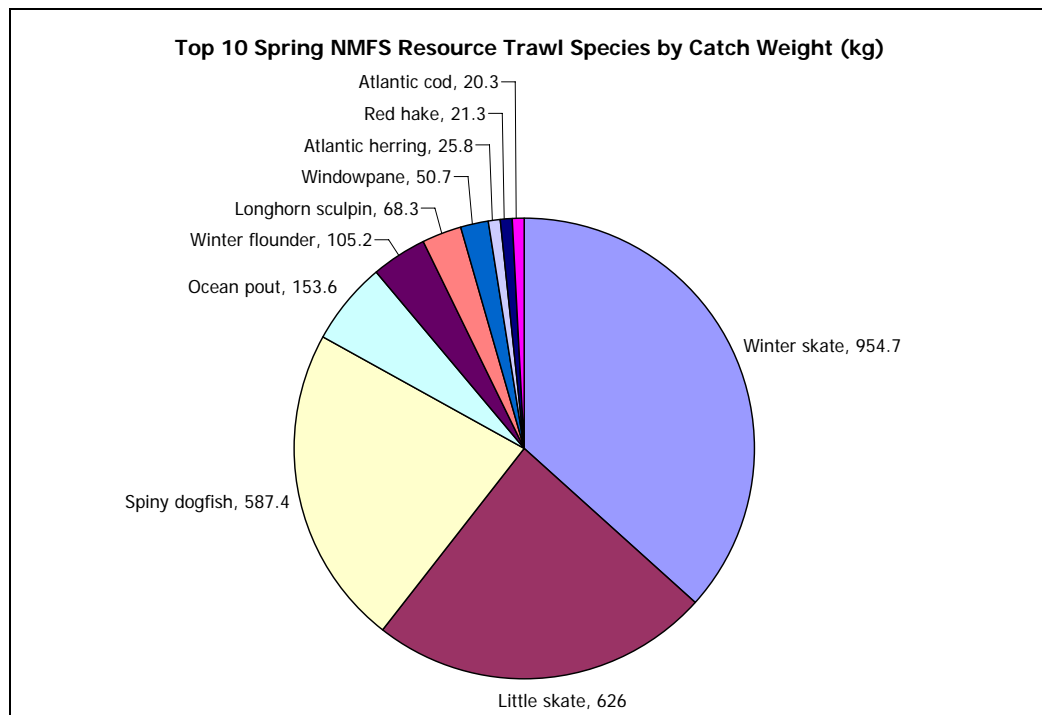


Figure 29. Top 10 Spring NMFS Resource Trawl Species by Catch Weight (kg).

As demonstrated by these figures, five species were within the top 10 species by weight collected in both the fall and the spring surveys. The smooth dogfish, *Loligo* squid, round herring, scup and bluefish were within the top 10 species by weight for fall only and the ocean pout, longhorn sculpin, Atlantic herring, red hake and Atlantic cod were within the top 10 species by weight for spring only. Only four species were within the top 10 species by catch number for both the fall and spring surveys. *Loligo* squid, round herring, scup, silver hake, butterfish, and Northern sea robin were within the top 10 species by number for the fall season only and the winter skate, Northern sand lance, red hake, longhorn sculpin, Atlantic herring and ocean pout were within the top 10 species by number for the spring season only.

Attachment A

**NOAA Fisheries Commercial
Vessel Trip Report (VTR) Data**

Table 1. 1994 commercial landings (pounds) for the area south of Tuckernuck Island

	March	April	May	June	July	August	September	October	November	December	Grand Total
Albacore Tuna				2,767	636	2,122	16,416	6,674	3,476		32,091
American Eel				11				150	252	387	800
American Lobster		5,810	8,964	80,896	154,501	315,966	287,580	294,298	120,505	82,503	1,351,023
American Plaice Flounder (DAB)			1,382	2,550	54	5,013	174	5	2,900	1,200	13,278
American Shad	6	129		1,607	269						2,011
Atlantic Herring		871,500	162,500	2,400							1,036,400
Atlantic Mackerel	165,000	1,316,104	76,483	2,190	5	846	240	10		10,167	1,571,045
Big Eye Tuna			4,245	4,245	4,184	3,230	16,021	14,679	7,321		49,680
Black Sea Bass	90	944	2,096	109	120	517	94	389	994	1,114	6,467
Black Whiting		97,720	31,810	72,728	131,210	71,120	44,330	33,350	26,200	12,120	520,588
Blue Back Herring			70								70
Blue Crab								3,000	8,535	3,351	14,886
Bluefin Tuna				575		900	1,810	2,961	10,403		16,649
Bluefish		3	863	8,089	17,621	43,896	78,953	158,484	106,113	23,445	437,467
Bonito					10	280	340	634	137	4	1,405
Butterfish	6,097	37,489	10,682	24,004	79,339	78,612	124,889	90,326	65,492	671,783	1,188,713
Channeled Whelk		380				100	560	200			1,240
Chub Mackerel		5,460									5,460
Cod	400	729	18,171	8,982	1,847	418	498	889	18,361	68,604	118,899
Conger Eel			115	9	15		5	8	55	145	352
Crab (Species Not Specified)					150	76			500	4,275	5,001
Cunner			10	2	10		1			4	27
Cusk		28									28
Dogfish (Species Not Specified)				6,535		8,855		6,200	20,000	50,480	92,070
Dolphin Fish (Mahi-Mahi)				446	888	564	491	47	45		2,481
Dusky Shark					72		369				441
Eel (Species Not Specified)	80			22							102
Flounder (Species Not Specified)			1,600	2,737	1,900	5,671	515	1,445	8,779	5,740	28,387
Fourspot Flounder		660	280								940
Haddock			25	50			12			10	97
Hake (Species Not Specified)			635	7,560	2,307	643	1,400	600	1,055	2,210	16,410
Hickory Shad								13			13
Illex Squid		6,244	8,500	8,927	217,100	180,300	85,500		5,120	1,240	512,931
John Dory	208	262		3		30		283	620	880	2,286
Jonah Crab				15,597	5,649	1,687	8,298	19,234	25,027	22,146	97,638
King Mackerel			3						3		6
King Whiting (Kingfish)	700	33,151	9,682	101,308	13,080	34,288	35,613	38,073	11,201	23,949	301,045
Loligo Squid	25,162	86,131	287,901	146,404	231,811	874,717	4,182,235	1,459,292	249,437	346,884	7,889,974
Mako Shark (Longfin)						475					475
Mako Shark (Shortfin)					173	1	332	383	404		1,293
Mako Shark (Species Not Specified)						138					138
Monk Livers				400				40	6,847	6,156	13,443

Table 1. 1994 commercial landings (pounds) for the area south of Tuckernuck Island

	March	April	May	June	July	August	September	October	November	December	Grand Total
Monk Tails			4,000		402	6	300	785	20,000	2,180	27,673
Monkfish (Anglerfish/Goosefish)	2,401	187,427	319,968	456,029	212,009	130,439	140,172	344,764	561,252	374,764	2,729,225
Ocean Pout		1,205		100							1,305
Other Finfish		525	1,000	4,946	4,540		684	1,908	4,010	3,047	20,660
Pollock			212	51	28		13	10			314
Red Hake (Ling)	3,689	124,911	67,173	52,832	33,269	21,158	17,047	10,457	5,711	15,239	351,486
Redfish (Ocean Perch)		71		2,274							2,345
Rock Crab				27,725	1,244	970	1,345	2,591	2,301	6,574	42,750
Sand Tiger Shark							35				35
Sandbar Shark				108	3,165						3,273
Scup (Porgy)	11	195,481	239,650	3,936	1,135	3,320	2,331	10,794	183,760	328,690	969,108
Sea Raven			5	24	20			9	1	20	79
Sea Robins		120				15				28	163
Sea Scallop			20	15,973	25	251	202	210	4,320	9,299	30,300
Shark (Species Not Specified)					10					928	938
Shrimp (Pandalid)							720				720
Silver Hake (Whiting)	44,849	380,371	263,954	599,849	992,871	378,409	464,603	694,296	286,442	390,102	4,495,746
Skate	165	3,754	23,502	171,583	33,634	323,836	763,232	469,509	248,065	57,070	2,094,350
Skate Wings			1,200	2,300		9,168		75		155	12,898
Smooth Dogfish				200							200
Spiny Dogfish		11,810	59,245	497,776	238,972			380,915	20,225	105,520	1,314,463
Spotted Weakfish (Spotted Sea Trout)			6	35					30		71
Squid (Species Not Specified)		71,725	57,827	3,678	37,380	168,085	739,180	180,525	123,484	111,879	1,493,763
Striped Bass			104	18	241	25					388
Summer Flounder (Fluke)	6,986	203,318	22,466	21,773	4,573	22,039	46,228	111,729	82,259	139,907	661,278
Surf Clam - Bushel									1,908		1,908
Swordfish				7,663			3,349	3,564	125		14,701
Tautog			1,746	16	40	69		30	30	170	2,101
Tilefish	102	418	73	2,416	7,841	451	625	563	189	34,593	47,271
Triggerfish					52	1					53
Tuna (Species Not Specified)						73		160			233
Weakfish (Squeteague/Gray Sea Trout)	5	117	30					64	481	62	759
Whelk (Conch Species Not Specified)			35								35
White Hake		30,149	21,283	142,159	138,185	70,313	128,011	135,635	75,470	78,628	819,833
Windowpane Flounder (Sand-Dab/Brill)	225	3,600	15,907	926		360	53		5,512	10,110	36,693
Winter Flounder (Blackback)	965	8,710	22,066	54,276	22,044	43,427	25,707	59,486	49,258	109,171	395,110
Witch Flounder (Gray Sole)	1,150	8,115	31,352	31,238	13,231	1,010	871	1,135	9,222	5,896	103,220
Wolffish (Ocean Catfish)			3	70					335	15	423
Yellowfin Tuna				1,707	992	7,466	17,937	6,208	1,473		35,783
Yellowtail Flounder	500	1,175	2,336	8,912	1,077	2,682	7,020	2,861	17,622	58,406	102,591
Grand Total	258,791	3,695,746	1,776,935	2,611,746	2,609,931	2,814,038	7,246,341	4,549,950	2,403,267	3,181,250	31,147,995

Table 2. 1995 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Albacore Tuna							953	845	8,925	14,269	1,853		26,845
American Lobster	42,639	23,018	60,831	89,017	102,417	141,764	254,204	385,172	409,930	284,075	82,017	90,342	1,965,426
American Plaice Flounder (DAB)	330	1,200	355	5,085	2,435	2,080	60	2,395	2,395	815		1,425	16,180
American Shad	8	14		38	43	351	50	30	205	95		834	834
Atlantic Halibut										60			60
Atlantic Herring	2,499,450	1,435,625	1,225,335	337,735	5,900	1,500							5,505,545
Atlantic Mackerel	21,120	168,710	1,872,929	2,456,952	325,520	891	692		6,110	442	1,000	20,743	4,875,109
Bay Scallop	87	92	210										389
Big Eye Tuna						1,734	4,176	12,749	14,602	7,563	5,887		46,711
Black Sea Bass	9,282	1,351	2,004	5,652	6,374	86	149	25	49	710	1,231	5,749	32,662
Black Whiting	21,822	41,692	62,050	81,250	24,400	780	36,500	81,545	82,440	290	25,517	8,015	466,301
Blue Back Herring		2,000		5,000									7,000
Blue Crab	13	1,000			3,000				250			400	4,663
Bluefin Tuna						860	2,800	379	50	665			4,754
Bluefish	250	1,715		50	3,075	8,758	21,118	16,129	41,184	47,831	83,522	42,042	265,674
Bonito							20	29	507	218	364	12	1,150
Butterfish	359,122	442,004	149,144	32,867	35,309	26,440	21,487	20,335	35,802	18,418	17,277	418,615	1,576,820
Channelled Whelk						585	115	50	693	40			1,483
Chub Mackerel	2,455	10	13,000	1,540	30			50		243			17,328
Cod	56,031	39,538	36,816	22,461	12,511	5,246	4,083	2,243	5,577	2,878	20,461	37,398	245,243
Conger Eel	371	856	145	15	3	10		3		70	193	2,940	4,606
Crab (Species Not Specified)	2,550	3,700	10,400	10,900	5,000	5,700	3,070	1,400	1,500	8,240	1,515	4,348	58,323
Cunner				22	8					1		14	45
Cusk		105		20	45	200			980	140		145	1,635
Dogfish (Species Not Specified)	7,000	10,262		6,519	54,821	7,190	100		555	240	25,125	3,770	115,582
Dolphin Fish (Mahi-Mahi)						400	1,075	960	669	1,162	54		4,320
Eel (Species Not Specified)	979	581	833	254	250	20	50			26	29	1,320	4,342
Flounder (Species Not Specified)	2,240	2,725	800	455	80	2,989	10,400		2,000	5,664	2,881	3,365	33,599
Fourspot Flounder	160	435	220										815
Frigate Mackerel										130			130
Gizzard Shad							2						2
Haddock	755	418	17	100	529				500				2,319
Hake (Species Not Specified)	25,123	11,437	15,735	13,211	18,799	14,572	8,180	4,258	11,167	4,355	6,510	1,660	135,007
Illex Squid		17,795	23,225	5,840	81,450	61,960	272,121	51,527	20,458	505		7,733	542,614
John Dory	7,415	3,882	11,469	1,839	15	50	73	89		417	112	711	26,072
Jonah Crab	11,082	11,523	121		9,878	10,387	16,006	2,557	11,952	28,035	19,042	46,310	166,893
King Mackerel												30	30
King Whiting (Kingfish)	47,642	40,175	23,092	61,054	44,617	98,392	123,286	119,930	44,560	57,314	6,768	28,560	695,390
Loligo Squid	368,023	810,403	737,193	395,544	388,572	387,562	952,241	351,308	287,810	294,160	127,600	330,065	5,430,481
Mako Shark (Longfin)							145						145
Mako Shark (Shortfin)						320	438	556	595	255			2,164
Mako Shark (Species Not Specified)							100	240	240	22			362
Monk Livens	7,203	1,992	2,108	1,731	323	100	1,790	650	650	6,447	6,826	4,375	33,545
Monk Tails	27,710	2,200	12,137	7,009	620	8,942	1,500	127	828	2,355	2,355	9,915	73,343
Monkfish (Anglerfish/Goosefish)	357,939	247,624	186,047	415,151	759,602	654,896	189,221	169,279	147,655	630,526	308,763	319,202	4,385,905
Ocean Pout		16,987	6	1,210	1,765							10	19,978
Other Finfish	1,606	4,108	1,468	9,515	3,961	5,359	1,500	1,500	2,516	18,036	507	1,650	51,726
Pollock	6,050	257	258	88	330	2,500		90	585				12,286
Porbeagle Shark	25			742	40							220	1,027

Table 2. 1995 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Red Crab	152			10,000	2,210								12,362
Red Hake (Ling)	59,727	75,492	101,525	94,437	35,928	96,575	120,140	104,420	78,457	33,478	29,201	16,097	845,477
Redfish (Ocean Perch)	8,843	2	1,440			200			100	56			10,641
Rock Crab	4,035	4,953	8,462	5,467	20,985	17,793	6,607	1,030	1,438	2,858	618	17,935	92,181
Scallops - Shells	100												100
Scallops		125	250										375
Scup (Porgy)	70,358	38,517	49,605	170,481	101,838	2,250	2,028	3,150	2,288	6,625	18,978	268,446	734,564
Sea Raven		150		20	71	12							253
Sea Robins	800											421	1,221
Sea Scallop	1,395	4,199	238	901	100	10,023	160	8,480	1,580	5,724	1,272	1,555	35,627
Seatrout, NK													1,080
Shark (Species Not Specified)		2,000	9,000				689	78	40				11,807
Sharpnose Shark			180										180
Shrimp (Pandalid)	700		943				75	525	3,815	1,890	50		7,998
Silver Hake (Whiting)	547,915	493,906	1,000,911	890,859	274,350	458,102	675,725	900,780	913,984	472,110	151,687	246,371	7,026,700
Skate	7,795	106,707	10,054	19,692	169,225	606,256	530,485	382,932	413,965	364,920	69,314	80,541	2,761,886
Skate Wings				664			30			21,637	17,700	6,045	46,076
Smooth Dogfish					70	3,000							3,070
Spiny Dogfish	82,370	2,041	1,300	33,380	80,466	69,762	300	200	11,459	479,169	293,863	68,165	1,122,475
Spotted Weakfish (Spotted Sea Trout)	2	81	47	22	33					20	264	1,700	2,169
Squid (Species Not Specified)	155,434	154,075	179,808	120,200	91,991	109,997	536,271	131,800	113,844	74,079	40,761	72,211	1,780,471
Striped Bass					140	340	156	253		20			909
Summer Flounder (Fluke)	600,798	188,327	177,334	150,129	37,846	8,390	14,303	20,729	68,784	125,959	111,951	218,058	1,722,608
Surf Clam		32,100			46,000								78,100
Swordfish						2,629	8,377	2,622	6,796	2,242	111		22,777
Tautog	5	10		1,609	1,282	58	7	16	6	34	20	146	3,193
Thresher Shark								158		128	25		311
Tilefish	52,347	77,665	266,760	79,629	57,945	45,874	65,754	59,248	74,465	99,032	88,678	59,509	1,026,906
Triggerfish							4		10	4			18
Tuna (Species Not Specified)						600	104	373	225	139			1,441
Wahoo									200		26		226
Weakfish (Squeteague/Gray Sea Trout)	321	197	106	112	6	8		105	10	255	603	4,494	6,217
Weakfish (Conch Species Not Specified)							5,143	6,275	11,614	15,865	1,900		40,797
White Hake	30,237	89,740	59,742	80,407	31,626	131,458	169,592	68,325	139,204	17,727	24,100	5,928	848,086
Windowpane Flounder (Sand-Dab/Brill)	714	21,767	5,556	3,936	3,972	385	530	70	3,262	75	8,020	3,819	52,106
Winter Flounder (Blackback)	2,854	6,147	12,150	3,802	31,544	55,358	72,290	98,570	59,438	19,797	8,234	41,588	411,772
Witch Flounder (Gray Sole)	4,299	4,575	2,437	7,906	3,135	7,526	3,315	1,615	1,891	2,761	2,265	9,880	51,605
Wolfish (Ocean Catfish)		417	166	705	100	100	7,620	250	395		18		9,771
Yellowfin Tuna						6,573	14,713	73,098	20,980	20,143	3,087		138,594
Yellowtail Flounder	3,197	16,559	14,022	8,307	4,853	23,632	27,543	39,085	5,497	4,848	4,735	12,252	164,530
Grand Total	5,520,880	4,665,186	6,349,984	5,651,531	2,887,438	3,109,525	4,189,666	3,127,225	3,076,985	3,206,780	1,624,890	2,529,453	45,939,543

Table 3. 1996 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Albacore Tuna	335					2	478	1,570	973	364			3,722
American Eel	1,030												1,030
American Lobster	47,355	27,007	30,726	83,230	148,632	160,494	267,183	519,764	372,356	333,135	190,889	128,686	2,309,457
American Plaice Flounder (DAB)		10		1,168	11,729	15,753	9,723	2,082	60	3,200	1,131	7,815	52,671
American Shad	20		18		14	23	71	80	14		2	247	489
Atlantic Croaker									200				200
Atlantic Halibut									1,000				1,000
Atlantic Herring	2,202,020	2,517,970	2,818,846	633,245	748,840	10,000	1,500		20,200	110	2,962,065	1,999,602	13,914,398
Atlantic Mackerel	4,775	15,341	689,504	2,905,264	1,991,020	353	52,241	177	4,519	556	4,996	132,783	5,801,529
Bay Scallop			314										314
Big Eye Tuna						3	4,078	4,019	2,825	1,500			12,425
Black Belled Rosefish										22			22
Black Sea Bass	12,550	6,089	1,035	7,282	5,706	2,330	767	3,480	1,787	2,233	4,635	5,455	53,349
Black Whiting	1,150		8,446	1,620	2,408			5,915	28,557	36,702	814	20	85,632
Blue Crab		1,400	2,600		300		80			3,300			7,680
Blue Crab - Bushel		19											19
Blue Shark								1	160				161
Bluefin Tuna							1,948	2,836	218				5,002
Bluefish	208	6	798		608	45,134	75,692	31,167	47,430	65,695	49,374	810	316,922
Bonito							9	20	81	209	6		325
Butterfish	406,812	287,678	74,798	82,248	110,885	62,283	56,631	88,179	68,374	119,950	102,018	218,249	1,678,105
Cancer Crab					250								250
Channeled Whelk					8		1,295	23	1,239	1,244			3,921
Chub Mackerel	30	30							375				435
Cod	32,998	13,124	6,090	11,420	12,535	20,542	2,374	3,659	56	837	29,179	41,266	174,080
Conger Eel	2,016	364			13	23	77	24	35	70	68	541	3,231
Crab (Species Not Specified)	2,740	1,300	5,550		22,350	8,387	10,425	11,700	9,160	19,375	7,440	575	99,002
Cunner	13	2			10								25
Cusk				160	11	2,480				68			2,719
Dogfish (Species Not Specified)	6,800	10		2,065	8,612	93,607	12,218	858	18,929	102,261	19,610	31,559	296,529
Dolphin Fish (Mahi-Mahi)							164	138	10	79			391
Eel (Species Not Specified)	2,714	593	3,632	115	598		8	6	6	20	66	712	8,470
Flounder (Species Not Specified)	4,555	854	760	1,578	1,396	3,145	57,949	32,383	2,569	300	5,567	40,065	151,121
Fourspot Flounder	1,425	1,380	65	390	700					15		100	4,075
Greenland Halibut						250							250
Haddock	162	9		50		50	30	20			100		421
Halke (Species Not Specified)	2,892	5,793	8,480	11,166	7,085	8,245	3,533	3,057	10,745	4,406	14,266	6,456	86,124
Horseshoe Crab								13					13
Illex Squid	39,282	44,841	17,255	52,497	4,746	143,040	145,750	256,050	291,859	187,980	11,771	4,600	1,199,671
John Dory	3,559	901	10,078	3,904	14		1,884	16		8		160	20,524
Jonah Crab	47,248	20,196	15,298	19,963	38,765	32,119	32,586	14,439	19,611	61,485	62,305	105,901	469,916
King Mackerel					50					300			350
King Whiting (Kingfish)	21,131	12,624	12,670	38,849	18,713	267	101	600		34,872	6,313	60	146,200
Knobbed Whelk						390							390
Lolligo Squid	1,593,450	1,058,953	552,146	393,161	131,325	139,026	204,733	107,823	86,432	320,214	113,149	179,111	4,879,523
Mako Shark (Longfin)										18	82	69	169
Mako Shark (Shortfin)						58	556	54	218	71			957
Marlin (Species Not Specified)								85					85
Menhaden								1,000					1,000
Monk Livers	3,756	3,382	1,205	1,310	2,236	494		36	1,858	8,448	13,535	17,176	53,436
Monk Tails	2,520	2,100	570	1,058	4,775	8,780	35	9,900	23	10,423	18,805	24,004	82,993

Table 3. 1996 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Monkfish (Anglerfish/Goosefish)	328,697	417,836	269,027	358,087	623,096	642,784	223,392	228,482	349,195	532,160	581,265	526,784	5,080,805
Ocean Pout			65		2		6			10			83
Other Finfish	4,373	6,510	5,441	2,720	123	3,847	8,310	6,859	1,930	2,391	1,280	4,840	48,624
Pollock	76	761	100	13	15	5,765	27			50	60	45	6,912
Porbeagle Shark		352	18	576									946
Red Crab			480										480
Red Hake (Ling)	54,524	98,014	41,196	61,766	57,471	34,293	67,344	56,482	59,231	84,376	36,991	32,064	683,752
Redfish (Ocean Perch)			974	120	3	10,295	2	7			121		11,522
Rock Crab	36,040	36			4,009	115	5,744	3,310	383	1,918	5,539	18,283	75,377
Sandbar Shark							1,527	187	38				1,752
Sculpins								5,000			600		5,600
Scup (Porgy)	58,663	19,857	38,357	83,625	153,651	304	1,702	1,884	6,148	68,722	123,522	52,064	608,499
Sea Raven		200	18				5						223
Sea Robins				15	310							25	350
Sea Scallop	5,915	20	1,139	6,293	15,149	15,283	1,697	25,255	2,833	7,689	7,938	26,432	115,643
Sea Urchins											8		8
Seatrout, NK	930	600	200	10	30	3					549	213	2,535
Shark (Species Not Specified)						40		1,275	1,220				2,535
Shrimp (Pandalid)	2,594	1,410		2,950	2,507	1,899	3,270	8,620		8,237			31,487
Silver Hake (Whiting)	1,003,782	903,151	1,167,423	971,709	346,021	345,521	426,095	563,486	867,688	681,143	752,398	565,723	8,594,140
Skate	3,615	3,055	4,845	6,355	109,846	258,370	660,298	1,044,838	828,318	776,810	597,183	296,960	4,590,493
Skate Wings				2,070	2,140	20,161	10,431	177	533	10,480	6,875	6,323	59,190
Skiplack Tuna						18	12						30
Smooth Dogfish					5	6,718	30		510	545	60		7,868
Spiny Dogfish	45,855	770	20	29,510	359,263	272,236	1,525	28,029	54,080	203,941	124,459	144,044	1,263,732
Spotted Weakfish (Spotted Sea Trout)	401	223	186	42	65				10	60	130	109	1,226
Squid (Species Not Specified)	208,628	68,291	41,422	45,929	8,252	10,479	23,360	8,855	14,101	56,153	62,174	66,530	614,174
Striped Bass	55					614	105		5		101		880
Summer Flounder (Fluke)	514,314	422,778	44,668	15,629	45,952	93,372	44,857	37,730	41,998	22,852	65	1,000	1,285,215
Surf Clam - Bushel											110		110
Swordfish							10,484	945	208	755			12,392
Tautog	58	26		5	474	812	1,287	49		1,040	325	59	4,135
Thresher Shark							150						150
Tiger Shark									45				45
Tilefish	102,949	125,705	103,979	67,175	91,480	42,572	70,265	75,946	52,752	73,870	73,279	71,956	951,928
Triggerfish								70					70
Tuna (Species Not Specified)	3												3
Wahoo								120					120
Weakfish (Squeteague/Grav Sea Trout)	5,928	1,015	468	867	217				159	226	679	233	9,792
Whitefish (Conch Species Not Specified)	665												665
White Hake	18,782	27,579	19,230	15,143	22,309	110,889	122,466	208,380	178,123	142,759	28,728	20,296	914,684
Windowpane Flounder (Sand-Dab/Brill)	1,079	635	800	4,430	841	540	751	1,631	595	1,246	34,873	34,385	81,806
Winter Flounder (Blackback)	7,069	2,990	6,338	46,437	27,388	78,815	113,053	37,640	41,078	43,986	262,861	673,265	673,265
Witch Flounder (Gray Sole)	3,914	3,114	4,800	2,087	12,336	13,287	5,263	548	1,730	2,309	2,233	6,728	58,349
Wolfish (Ocean Catfish)	56	2,000	35			545	4,361	6	62		50	25	7,140
Yellowfin Tuna						267	6,403	26,270	10,442	698			44,080
Yellowtail Flounder	3,816	4,960	8,965	14,467	11,688	13,811	54,824	37,450	8,866	11,176	26,537	162,189	358,749
Grand Total	6,856,327	6,133,864	6,019,870	5,950,154	5,188,026	2,690,783	2,777,715	3,581,165	3,515,722	4,051,864	6,130,604	5,246,193	58,142,287

Table 4. 1997 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Other Finfish	125	650	7,000	1,850	10,915		210	1,255	1,150	540	100	1,110	24,905
Other Invertebrates											300		300
Pollock		900		22	200	380	230			40	156	13	1,941
Porbeagle Shark	124	114	106	40									384
Red Crab		100		20									120
Red Hake (Ling)	103,473	94,628	83,210	70,844	38,543	139,033	112,215	53,423	62,125	9,156	4,909	21,026	792,585
Redfish (Ocean Perch)	679	199	25	9	3								915
Rock Crab	21,466	6,020		5,994	4,306	72	415	4,740	5,109	6,631	7,720	17,549	80,022
Sandbar Shark							32						32
Scup (Porgy)	275	11,257	8,275	20,743	23,372	1,947	131	557	98	10,168	140,024	57,898	274,745
Sea Raven					70	70	70	100	5	19			264
Sea Robins			10				664		93	2	438	60	1,267
Sea Scallop	2,607	30		11,950	19,696	13,335	3,952	4,553	10,641	9,638	36	7,511	83,949
Seatrout, NK	1,579	56	147	97	1	7			19	355	148	87	2,496
Shark (Species Not Specified)			176							50			226
Shrimp (Pandalid)	2,900				1,108	7,045	9,280	15,005	2,118				37,456
Shrimp (Species Not Specified)							2,100						2,100
Silver Hake (Whiting)	942,198	690,506	606,831	714,267	314,836	926,202	1,152,730	760,938	859,221	533,209	148,813	295,589	7,945,340
Skate	275,255	222,268	62,964	37,833	251,414	733,337	1,007,388	1,023,809	1,475,932	1,195,174	340,786	276,529	6,902,689
Skate Wings	3,755	1,070	143	1,660	7,086	29,374	25,504	4,600	1,700	21,106	8,610	1,810	106,418
Skipjack Tuna						286	15		10		60		371
Smooth Dogfish													
Spiny Dogfish	104,200	57,925	6,630	30,457	161,296	309,772	7,970	5,722	61,565	109,530	24,175	88,657	967,899
Spotted Weakfish (Spotted Sea Trout)	78		15	23							4	4	124
Squid (Species Not Specified)	42,695	106,211	133,350	292,578	17,397	4,272	62,235	87,951	237,731	190,558	21,653	145,301	1,341,932
Striped Bass					65	65	86	443		200	43		837
Summer Flounder (Fluke)	169,009	161,462	230,250	125,466	23,554	17,632	16,387	24,512	19,142	27,599	7,283	9,684	831,980
Surf Clam											41,200	102,000	143,200
Swordfish						1,223	800	5,611	4,449			156	12,083
Tautog	85			47	362	54	6	4	10	5	340		1,069
Thresher Shark						73							73
Tilefish	154,053	217,724	189,011	191,236	116,883	62,774	87,313	99,114	118,663	149,162	180,134	177,428	1,743,495
Triggerfish								2	12	1	15		30
Wahoo									34				34
Weakfish (Squeteague/Gray Sea Trout)	113	53	137	100	2	13	385	35	9	2,231	225	347	3,265
Whelk (Conch Species Not Specified)							3,202						3,202
White Hake	2,671	3,619	3,103	44,199	104,240	127,608	145,689	126,693	12,942	20,400	8,136	31,132	630,432
White Marlin								70					70
Windowpane Flounder (Sand-Dab/Brill)	4,792	4,874	3,764	1,667	711	2,947	385	1,569	160	376	101	1,683	23,029
Winter Flounder (Blackback)	29,273	22,396	12,079	19,893	41,396	85,304	59,142	71,060	52,286	15,300	34,607	52,130	494,866
Witch Flounder (Gray Sole)	2,163	4,776	1,435	363	7,307	6,022	3,682	8,849	3,856	1,667	2,853	677	43,650
Wolfish (Ocean Catfish)	4	25	16		42	71		50		6	20	5	239
Yellowfin Tuna					1,276	1,276	6,453	16,510	9,438	1,716			35,393
Yellowtail Flounder	45,796	42,736	20,906	11,588	19,827	24,652	41,921	20,711	20,784	11,621	2,911	13,648	277,101
Grand Total	4,965,695	7,924,335	6,331,398	4,164,481	3,605,314	3,744,508	3,739,067	3,537,248	4,991,021	4,521,387	2,158,799	3,592,757	53,276,010

Table 5. 1998 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Other Finfish	4,410	508	570	1,600		205	995	2,795	2,370	2,800	1,990	2,947	21,190
Pollock	52	5	14	58	215	85	60	15,127	15,131			2	30,749
Porbeagle Shark		93	49	135	329		81			100			787
Red Crab										13,000	25,690	88,930	127,620
Red Hake (Ling)	93,225	75,344	48,604	45,241	10,715	221,420	155,937	48,641	114,795	78,105	35,464	38,802	966,293
Redfish (Ocean Perch)	2							310	80	38		1	431
Rock Crab	10,882	10,885	7,818	8,705	6,249	10,031	7,161	4,670	7,122	8,861	24,013	45,701	152,098
Rough Scad					6								6
Scup (Porgy)	8,345	268	373	97	9,012	513	64	6,996	12,108	18,944	170,231	151,951	378,902
Sea Raven			135			50	610	175		35	121	106	970
Sea Robins		350									3,742	100	125,547
Sea Scallop	11,959	8,496	7,697	4,500	22,279	21,489	27,103	14,575	3,607	310	1,755	493	7,143
Seatrout, NK	225	104	4,231	8	17					2,206	1,375		13,445
Shrimp (Pandalid)						1,901	1,660	4,119	2,184				1,468
Shrimp (Species Not Specified)											1,468		1,468
Silver Hake (Whiting)	602,369	613,150	669,001	504,587	138,536	978,139	743,607	390,290	1,026,888	699,296	433,591	308,522	7,107,976
Skate	160,913	101,031	87,618	272,565	292,737	810,350	1,032,673	924,628	1,064,894	749,537	493,949	398,269	6,389,164
Skate Wings	249	1,400		5,200	9,375	21,400	12,320	470	6,725	5,555	7,520	2,875	73,089
Skipjack Tuna						5		4	522				531
Smooth Dogfish						820		55	60	570			1,505
Spiny Dogfish	65,625	23,755	120	13,390	16,500	41,351	126,560	13,149	222,220	105,249	46,970	30,576	705,465
Spotted Weakfish (Spotted Sea Trout)	49	170	2	2							580	161	964
Squid (Species Not Specified)	353,329	674,519	557,905	139,905	344	785	6,741	8,216	78,666	253,663	120,523	175,747	2,370,343
Striped Bass						796	796	1,320	249	90	398		2,853
Summer Flounder (Fluke)	223,729	187,791	189,894	146,972	14,017	6,743	7,282	10,856	3,744	670	7,931	13,491	813,120
Surf Clam	32,880	56,160	9,120	19,600	40,600	50,400	14,000						222,760
Swordfish						1,454	5,056	2,354	1,867	2,461			13,192
Tautog	30			27	419	48	30	31	13	138	922	24	1,682
Thresher Shark					245					1			246
Tilefish	166,830	206,115	272,011	155,107	157,903	101,543	129,617	105,930	73,441	80,897	82,330	94,778	1,626,502
Triggerfish									106	33			139
Tuna (Species Not Specified)										55	32		87
Wahoo							35						35
Weakfish (Squeteague/Gray Sea Trout)	798	440	52	37						1,146	1,388	1,796	5,657
White Hake	39,810	20,760	113,982	45,790	15,243	171,830	253,356	159,360	108,935	40,002	27,797	3,600	1,000,465
Windowpane Flounder (Sand-Dab/Brill)	663	1,796	1,277	465	49	807	197	407	356	145	115	3,513	9,790
Winter Flounder (Blackback)	4,342	5,198	4,400	7,997	23,176	79,460	88,541	68,805	22,092	19,854	31,855	123,866	479,586
Witch Flounder (Gray Sole)	387	921	1,981	5,019	1,200	12,483	10,408	5,597	1,472	157	358	5	39,988
Wolffish (Ocean Catfish)				4		423			505				932
Yellowfin Tuna						497	3,458	4,030	9,196	3,633			20,814
Yellowtail Flounder	7,241	11,920	7,705	7,959	10,884	19,847	66,815	57,694	12,650	11,596	8,594	137,443	360,348
Grand Total	6,057,635	5,557,807	5,174,398	3,011,345	2,402,064	3,557,931	3,416,936	2,566,944	3,979,237	4,273,794	3,177,557	3,622,302	46,777,950

Table 6. 1999 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Other Finfish	1,100	1,082	160	415		180	1,105	25	2,004	2,394	2,300	700	11,465
Other Invertebrates								200	200				400
Pollock	38	21	5	52	330	17	3,112	49	3,694		548	170	8,019
Porbeagle Shark	17		13		33								80
Red Crab	116,340	62,655	58,380	77,383	64,004	57,780	84,298	69,769	120,465	91,258	25,846	64,190	892,368
Red Hake (Ling)	118,152	106,038	148,099	77,359	109,160	154,415	72,525	147,264	74,454	94,432	26,041	48,543	1,176,482
Redfish (Ocean Perch)							434		10	1,900			2,344
Rock Crab	7,622	2,974	40	6,397	24,243	23,608	2,188	5,858	11,662	34,068	26,048	32,601	177,309
Scallops - Shells			250									65	315
Sculpins												10	10
Scup (Porgy)	22,926	11,917	3,713	15	21,297	924	785	9	29		293,304	4,900	359,034
Sea Raven				7		380							1,172
Sea Robins											80	12	92
Sea Scallop	15,590	3,000	8,784	20,669	12,533	21,258	10,381	21,713	476	8,890	9,674	424	133,392
Sea Urchins					1,350								1,350
Seatrout, NK	2,746	977	1,035	236	29					535	6,671	280	12,509
Shrimp (Pandalid)						2,150	4,800	3,650	3,720		2,077		16,397
Silver Hake (Whiting)	533,525	452,419	733,906	816,365	650,497	624,356	264,597	394,567	192,173	581,179	367,252	284,988	5,895,824
Skate	118,799	119,970	126,414	47,495	268,812	608,779	1,022,903	606,615	389,012	427,919	225,280	307,974	4,269,972
Skate Wings	2,990	1,350	425	1,630	5,430	3,027	375	250	1,392	9,145	230	2,120	28,364
Skipjack Tuna								979	98				1,077
Smooth Dogfish					418	1,900							2,318
Soft Clam											4,480		4,480
Spiny Dogfish	49,195	12,715	4,100	50,430	63,962	70,453	1,008	35,500	14,985	92,382	51,056	11,253	457,039
Spotted Weakfish (Spotted Sea Trout)	565	120	5							223	1,177	17	2,107
Squid (Species Not Specified)	214,722	173,224	203,221	282,363	32,036	4,030	153,030	73,526	200,702	145,136	85,445	118,998	1,686,433
Striped Bass					100			2,802	544		404		3,850
Summer Flounder (Fluke)	153,556	372,933	212,985	57,107	17,732	4,166	11,638	4,285	9,797	1,110	25,975	44,271	915,555
Surf Clam	49,920	57,680	62,580	125,920	56,350	49,706	11,200	45,360			22,600	11,640	492,956
Swordfish						51	5,862	630	942	785			8,270
Tautog	5			43	39	42				483		8	620
Tiger Shark										64			64
Tilefish	82,156	77,385	92,725	83,419	73,683	37,896	53,423	25,871	15,236	23,320	33,042	21,383	619,539
Triggerfish											2		2
Tuna (Species Not Specified)								1	25				26
Wahoo								1		45			46
Weakfish (Squeteague/Gray Sea Trout)	2,085	1,619	955	475	30	10			228	687	9,817	74	15,980
Whelk (Conch Species Not Specified)								61					61
White Hake	20,056	4,605	30,863	87,100	88,315	127,074	128,600	117,552	34,400	13,600	8,632	2,489	663,286
Windowpane Flounder (Sand-Dab/Brill)	2,768	1,225	1,045	215	2,357	220	933	5		1,400		2,883	13,051
Winter Flounder (Blackback)	30,110	17,196	11,138	5,561	29,077	112,028	58,825	44,905	23,523	45,518	22,650	109,573	510,104
Witch Flounder (Gray Sole)	627	1,599	7,014	13,684	18,304	21,633	1,943	620	5,150	2,420	884	7,057	80,935
Wolffish (Ocean Catfish)			6		4,422	27	756		7		16		5,234
Yellowfin Tuna						490	6,995	5,280	2,653	2,668	283		18,369
Yellowtail Flounder	185,432	115,462	68,504	18,738	18,092	109,541	78,655	54,026	22,490	26,508	13,158	92,033	802,639
Grand Total	5,776,190	5,233,831	7,421,272	4,959,303	3,174,954	3,258,557	3,804,058	3,063,284	2,808,755	2,881,702	2,593,588	2,420,894	47,396,388

Table 7. 2000 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Albacore Tuna							745	1,678	3,880	6,017	140		12,460
American Lobster	37,283	25,224	46,159	82,106	164,483	326,603	408,616	401,111	365,193	249,019	151,653	84,756	2,342,206
American Plaice Flounder (DAB)	80	120		2,790		115	3	76	1,245	39	582	14	5,064
American Stradd			7		563	49	2	5					8,146
Atlantic Herring	250,000	2,118,000	577,010	287,010	27,070	800	100	40	50		1,890,250	1,000,757	6,151,077
Atlantic Mackerel	7,811	21,460	6,776	31,755	284,466	18,115	8,417	15	75	2	100	341,431	720,423
Big Eye Tuna							1,325	1,798	13,162	6,486	1,158		23,929
Black Sea Bass	17,255	6,597	5,289	7,129	4,939	1,251	2,959	3	7	50,924	2,552		98,905
Black Whiting	4,078	7,933	7,810	3,450	1,178	30	14,760	1,033	23,623	21,750	18,158		103,803
Blacktip Shark				7	76								83
Blue Crab	19,493	12,000			15				406				31,914
Blue Shark							1						1
Bluefin Tuna							147	1,056		2,028			3,231
Bluefish	500	15			1,431	33,041	4,775	6,600	13,729	7,818	2,686		70,595
Bonito	50	30				10				35			125
Butterfish	19,888	26,677	63,603	25,764	26,203	12,229	34,005	46,587	102,192	47,410	19,056	80,349	503,963
Cancer Crab										16,061			16,061
Channeled Whelk					1,683	2,753				10,290	4,165		18,900
Chub Mackerel												5	5
Cod	11,330	44,116	4,123	51,416	6,347	3,652	9,367	19,848	23,504	19,850	36,864	3,906	234,323
Conger Eel	3,398	1,904	382	196	8	10	6	8	9	20	50	491	6,482
Crab (Species Not Specified)	109,598	18,977	17,063	34,164	176	2,386	1,803	2,720	2,561	18,105	6,357	1,003	214,913
Cunner				14		27						104	145
Cusk			8			3			208	100			319
Dogfish (Species Not Specified)	2,750	16,069	9,400	1,807			50						30,076
Dolphin Fish (Mahi-Mahi)							115	424	461	219			1,219
Eel (Species Not Specified)	297	434	829	257	148	18			14		13	2,842	4,852
Flounder (Species Not Specified)	3,540	1,691		9,092	3,265		8,509	100	725		3,685	3,975	34,586
Fourspot Flounder				20		15	630	350			62		1,077
Frigate Mackerel											3		3
Golden Tilefish	5,109	15,332	14,326	8,289	9,896	16,943			5	2,613			72,513
Green Crab			60,122	100,747						35,439	49,949	10,837	257,094
Haddock		500		300	3,000	37	600	145		50		3	4,635
Haogfish			100										100
Hake (Species Not Specified)	3,207	15,475	4,804	5,668	293	23,600	8,400	8,122	14,575	550	425	652	85,771
Horseshoe Crab											410		410
Illex Squid					3,100		70,000	371,080	74,585	100	70	66	519,001
John Dory	495	1,297	110	50					20	325	210	118	2,625
Jonah Crab	83,809	263,219	164,989	99,338	193,271	141,775	116,200	90,473	154,161	161,989	184,151	143,083	1,796,458
Jonah Crab - Bushel												8,050	8,050
King Whiting (Kingfish)	38,297	13,825	23,380	480	12,260	650	47,680	68,024	122,950	19,480	42,701	21,720	411,447
Loligo Squid	423,439	571,417	629,461	93,890	32,885	1,018,610	268,944	199,708	226,161	572,988	31,059	55,475	4,074,037
Mako Shark (Longfin)										94			94
Mako Shark (Shortfin)							81	490	194	909	39		1,713
Mako Shark (Species Not Specified)		14					278						292
Monk Livers	6,935	28,246	7,624	835	65	44	54	94	3,134	22,002	17,351	6,454	92,838
Monk Tails	1,088	46,567	19,890	9,537	8,309	6,863	281	417	10,059	45,302	27,435	10,864	186,612
Monkfish (Anglerfish/Goosefish)	272,334	586,756	550,240	474,929	141,346	122,160	62,143	31,708	66,399	210,127	342,014	106,994	2,967,150
Ocean Pout		400	70			270							810
Octopus (Species Not Specified)										12			12
Opah (Moonfish)								100					100
Other Finfish	890	1,100	500	5,070		110	2,882	2,824	5,670	207			19,253

Table 7. 2000 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Pollock		155	10	235	400	55	215	310	44	20		100	1,544
Porbeagle Shark		23			43								66
Quahogs/Bushel		3,840	9,088								2,957		12,928
Razor Clam													2,957
Red Crab						40	70	115	40			15	280
Red Hake (Ling)	85,227	175,286	128,432	70,531	58,089	201,318	91,347	167,063	203,096	33,052	23,308	51,528	1,286,277
Redfish (Ocean Perch)			1,860		1,520	25							3,405
Rock Crab	12,840	15,919	62	13,406	22,237	42,194	5,236	12,070	25,594	42,485	59,937	23,386	275,366
Sandbar Shark							800	135					935
Scallops - Shells	2,957	530							87				3,574
Scup (Porgy)	222,611	17,371		23	8,074	140	3,056	678	1		361		252,315
Sea Raven		28			78	366		90					1,227
Sea Robins							121				90		211
Sea Scallop	490	7,189	18,889	43,430		60	14,492	20,922	20,476	100		11,309	137,357
Seatrout, NK	556	244	71	141		20				60	4		1,109
Shark (Species Not Specified)			2,500										2,500
Shrimp (Pandalid)						1,300	6,470	7,898	4,083	4,173	1,150		25,074
Shrimp (Species Not Specified)							1,800	3,000	4,500				9,300
Silver Hake (Whiting)	429,296	655,992	639,509	326,166	337,135	955,871	1,084,974	1,339,893	1,201,768	206,850	143,724	400,100	7,721,278
Skate	112,888	150,500	59,662	73,665	98,825	421,101	570,505	667,469	542,209	478,559	372,520	272,309	3,820,212
Skate Wings	3,232	75	20	1,572	4,679	2,975	2,852	4,548	15	7,720	16,215	37,513	81,416
Smooth Dogfish							250	180		60			490
Soft Clam		19,760											19,760
Southern Flounder								13,925					13,925
Spanish Mackerel								840		1,020			1,860
Spiny Dogfish	20,517	69,399	79,000	44,375	4,235	5,703	800						224,029
Spot										250			250
Spotted Weakfish (Spotted Sea Trout)				10	5				198		34		247
Squid (Species Not Specified)	121,539	292,506	274,408	33,997	7,350	112,510	39,685	7,950	2,150	5,778	235	2,190	900,298
Striped Bass			2			616	624	381	400		20		2,043
Sturgeon (Species Not Specified)										50			50
Summer Flounder (Fluke)	127,365	175,099	177,889	55,075	11,592	10,916	16,047	12,975	11,576	1,045	47,301	32,169	679,049
Swordfish							8,052	12,362	7,836	4,108	976		33,334
Tautog					119	15	61	5	5	6	3	5	219
Thresher Shark									350	250			600
Tilefish	19,843	54,601	37,453	77,921	37,461	7,329	29,635	27,541	4,826	10,487	47,187	45,286	399,570
Triggerfish	5												5
Tuna (Species Not Specified)										25			25
Wahoo								109	70				179
Weakfish (Squeteague/Gray Sea Trout)	699	152	43	97	5	4	80	100	530	85	433	5	2,233
White Hake	3,945	999	1,843	11,740	2,019	144	1,417	1,409	1,650	1,897	2,780	8,702	38,545
Windwanne Flounder (Sand-Dab/Brill)	3,087	1,618	1,470	855	2,600	3,190	431	597	107	35	1,497	1,694	17,181
Winter Flounder (Blackback)	23,685	10,263	6,750	7,237	20,810	63,874	169,837	184,572	53,645	76,937	128,925	69,560	816,095
Witch Flounder (Gray Sole)	2,127	2,693	2,501	2,115	4,173	5,963	8,775	1,749	1,896	3,751	6,896	801	43,440
Wolfish (Ocean Catfish)	100		2	4,100	300	60	325	175	135	56		35	5,288
Yellowfin Tuna							3,175	12,308	4,454	9,482	1,353		30,772
Yellowtail Flounder	38,860	48,061	18,293	17,920	11,618	30,309	122,750	128,892	32,749	31,227	88,792	67,651	637,122
Grand Total	2,554,823	5,547,707	3,673,837	2,121,347	1,559,927	3,606,412	3,256,759	3,872,343	3,368,404	2,397,919	3,780,043	2,908,320	38,647,841

Table 8. 2001 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Albacore Tuna						380	553	1,069	2,558	3,805	1,353		9,718
American Lobster	65,872	14,256	32,141	67,387	112,323	203,694	419,031	376,557	336,181	313,315	178,339	74,452	2,193,548
American Plaice Flounder (DAB)	922	280	750	21		400	110	1,670	2,155	258		1,100	7,666
American Shad		50		60	350	58	7		15	39		5	584
Atlantic Croaker		23,150											23,150
Atlantic Halibut				15									15
Atlantic Herring	108,506	66,030	624,380	504,000	30								1,302,946
Atlantic Mackerel	56,054	6,064	16,279	6,385	6,406	2,302	132	2,104	1,690	3	2,090	55	99,564
Bait											30		30
Big Eye Tuna								1,219	10,125				11,344
Black Sea Bass	6,724	3,694	6,677	16,372	5,727	1,263	6,313	25		16,614	6,568		69,977
Black Whiting	16,262	136,535	37,800	14,100	5,500	1,020	32,410	35,540	56,500			9,400	345,067
Blue Crab	28,538		1,500	2,355	1,570	11,870		150				65	46,048
Blue Shark							60						60
Bluefin Tuna								3,430		3,885	1,950		9,265
Bluefish					810	2,841	19,916	6,305	6,896	36,686	12,902	2,295	88,651
Bonito								20	14		12		46
Butterfish	2,509,542	1,559,553	1,163,403	326,449	35,864	54,665	136,741	77,124	24,348	22,571	14,749	8,019	5,933,028
Channeled Whelk							173	282	224				679
Chub Mackerel	30												30
Cod	36,182	21,649	20,080	26,156	1,058	890	29,236	3,868	2,095	1,718	1,782	1,270	145,984
Conger Eel	2,344	973	449	268	66		15	123	96		155	130	4,619
Crab (Species Not Specified)	5	5	1,225	50	125	118	100		150		64,944		66,722
Crevalle			2,700	1,200	900								4,800
Cunner	6		8	152	66	6	4	3			33		278
Cusk				153			318	416					887
Dogfish (Species Not Specified)				60	60	665							725
Dolphin Fish (Mahi-Mahi)					99	99	177	343	449		116		1,184
Eel (Species Not Specified)	966	646	887	792	865	2	7		100	45	173	120	4,603
Escolar										2	190		190
Flounder (Species Not Specified)			40	1,579	4,215	2,275	1,583	5					9,699
Fourspot Flounder	30					120	170						320
Gizzard Shad						400							400
Golden Tilefish	90	10,904	4,725	505						9,942	13,313	11,398	50,877
Green Crab	60,820	17,839	30,842										109,501
Haddock	3	2,000	1,245	196		6	2,373	455	473	1,972			8,723
Hagfish	3,000						250						3,250
Hake (Species Not Specified)	4,955	7,900	7,507	9,040	8,243	1,000	3,091	11					41,747
Illex Squid	1,695	4,200	2,192	14,471	1,523	70	6,000	170					30,021
John Dory	2,005	1,558	1,759	1,378	115		60	525		911	6,985	2,542	17,838
Jonah Crab	204,529	82,034	129,195	173,907	135,966	194,471	113,275	105,384	142,056	150,071	206,216	171,959	1,809,063
King Mackerel			2										2
King Whiting (Kingfish)	32,340	57,732	60,721	23,831	48,700	106,050	45,036	32,871	2,473	1,460	3,230	6,770	421,214
Knobbed Whelk								1,500					1,500
Little Tuna						300							300
Loligo Squid	315,120	628,877	829,369	504,583	80,940	20,126	1,212,086	231,686	194,646	283,818	346,251	192,771	4,840,273
Mako Shark (Shortfin)								2,435	130				2,565
Mako Shark (Species Not Specified)								151	251	285	535		1,222
Monk Livers	4,716	13,826	5,608	1,798		10	10	624	8,447	6,971	14,104	9,916	66,030
Monk Tails	6,699	35,969	9,724	8,589	21,976	1,722	516	18,288	30,103	1,065	4,585	4,282	143,518

Table 8. 2001 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Monkfish (Anglerfish/Goosefish)	164,022	204,285	96,263	123,720	170,120	234,763	84,275	60,472	55,178	199,624	901,401	358,750	2,652,873
Mulllets									150			260	150
Ocean Pout	12	120	894	2,155						2			3,441
Octopus (Species Not Specified)				5				1,000					2,285
Other Finfish	970	315											30
Other Invertebrates			30										
Pollock	122		15	1,946	65	18	1,189	307	73	55	8	200	3,998
Porbeagle Shark			79										79
Red Crab					26,150	185	219,205	123,590			64,800	187,628	621,558
Red Hake (Ling)	58,631	79,669	143,091	121,459	140,825	182,197	153,637	165,478	57,490	36,995	7,745	16,094	1,163,311
Redfish (Ocean Perch)		470	2,980	57		1	500						4,008
Rock Crab	21,656	18,908	18,495	15,150	16,124	39,672	22,561	20,221	15,013	27,035	33,033	23,657	271,525
Rough Scad				400									400
Sandbar Shark							2,313	1,010					3,323
Scup (Pogy)	31,673	59			6,853	146	591	1,314	136	15	80,961		121,748
Sea Raven	20	15		50	638	130	330						1,183
Sea Robins	6					40	1,500					85	1,631
Sea Scallop	4,395	3,000	1		20,880	628	1,230	1,029	310	145	35	187	31,840
Sea Trout, NK	17	7	19	139	4		388		120	110	180	20	1,004
Shark (Species Not Specified)			6,500						72				6,572
Shrimp (Pandalid)						700	1,610	5,398	2,702	2,700	420		13,530
Silver Hake (Whiting)	467,839	578,794	527,838	450,336	768,367	1,134,648	1,143,908	1,072,207	307,098	242,899	30,859	175,940	6,900,733
Skate	168,415	157,372	132,582	115,019	190,661	451,384	429,036	605,970	472,395	485,808	536,622	189,134	3,934,398
Skate Wings	2,040	1,365	1,060	24,787	8,560	3,625	1,527		8,700	45,775	37,786	39,107	174,332
Smooth Dogfish					40	1,094	1,712	1,235		695	65		4,841
Spanish Mackerel				1,500									1,500
Spiny Dogfish					2,830	2,665			118				5,613
Spotted Weakfish (Spotted Sea Trout)		2		4						25	50	172	253
Squid (Species Not Specified)	28,600	5,665	16,520	3,750	756		110	1,180		75	200		56,856
Striped Bass							560	100	873	38			1,571
Summer Flounder (Fluke)	161,556	148,279	115,764	102,214	20,748	7,195	12,166	18,341	7,003	7,999	30,254	61,257	692,776
Surf Clam							13,580						13,580
Swordfish								12		18	1,016		1,046
Tautog					115	5	4	92		107	91		414
Thresher Shark									74				74
Tilefish	21,651	49,578	53,180	55,977	16,040	42,286	24,853	27,063	37,685	886	1,820	27,451	358,470
Triggetfish								3					3
Tuna (Species Not Specified)									12				12
Weakfish (Squeteague/Gray Sea Trout)	39	23	50	310			99		320	116	823	26	1,806
White Hake	5,955	2,503	3,260	2,343	1,358	4,610	3,950	2,955	330	1,206	9,740	870	39,080
Windowpane Flounder (Sand-Dab/Brill)	6,212	3,604	2,257	962	120	21	205	487			6	190	14,064
Winter Flounder (Blackback)	53,715	8,495	10,160	9,960	48,096	149,343	174,677	68,720	31,141	15,211	45,226	27,021	641,765
Witch Flounder (Gray Sole)	2,529	2,876	2,592	264	4,170	10,779	3,291	11,005	9,551	787	85	162	48,091
Wolfish (Ocean Catfish)		230				9	1,076	283	157				1,755
Yellowfin Tuna						627	1,496	8,602	3,607	1,692	2,393		18,417
Yellowtail Flounder	187,735	100,860	56,366	26,955	25,594	47,426	68,104	64,133	33,202	7,857	33,235	27,788	679,255
Grand Total	4,855,765	4,062,218	4,181,204	2,764,954	1,942,512	2,920,720	4,399,376	3,164,575	1,867,866	1,933,475	2,699,459	1,632,548	36,424,672

Table 9. 2002 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Other Finfish							59						59
Pollock	70	20	55			800	33	25	37		30	52	1,122
Red Crab	123,246			50	60,420	255,737	271,041	281,754	172,822	281,400	68,874		1,515,344
Red Hake (Ling)	15,554	31,420	55,046	25,006	21,674	87,808	46,030	40,753	73,232	20,869	3,302	6,970	427,664
Rock Crab	9,220	9,482	6,145	1,141	21,018	36,283	17,279	10,290	21,998	35,893	11,628	15,472	195,849
Sandbar Shark							213						213
Scup (Porgy)	429,839	20,740	5,081	26,706	15,068	811	4,518	2,156	824	1,800	131,675		639,218
Sea Raven		5			1		20				15	2	43
Sea Robins	370	15		2			20				623		1,030
Sea Scallop	42	17,084	146	50	395	551	461	378	516	40	52	27	19,742
Seatrout, NK	1,410	460	608	325							394		3,197
Shrimp (Panaeic)								2,100					2,100
Shrimp (Pandalid)						6,630	7,566	1,950	25	1,080	885		18,136
Silver Hake (Whiting)	222,867	632,066	731,819	446,469	273,316	327,819	258,178	121,189	226,190	62,410	36,803	58,856	3,397,982
Skate	188,359	101,208	124,226	182,557	130,678	296,990	149,412	270,737	298,876	305,306	266,672	127,043	2,442,064
Skate Wings	27,690	9,557	106	3,090	1,765	5,450			13,757	36,220	64,684	36,441	198,760
Smooth Dogfish					1,615	1,500	400				110		3,625
Southern Flounder							1,550						1,550
Spiny Dogfish	1,000				51,263	1,800	200				670		54,933
Spot										85	1,223		450
Spotted Weakfish (Spotted Sea Trout)	1,315	885	156	20	10								3,694
Squid (Species Not Specified)							150						150
Striped Bass						614	6,726	900			20		8,260
Summer Flounder (Fluke)	152,322	217,954	221,220	191,356	12,121	21,538	17,295	15,641	19,804	8,727	36,196	31,347	945,521
Swordfish							600	350					950
Tautog	9						132	22		93			276
Tilefish	400	1,472	3,232	583									5,687
Triggerfish									11		4		15
Tuna (Species Not Specified)	25												25
Weakfish (Squeteague/Gray Sea Trout)	2,494	1,882	2,581	376		137	10		600	1,105	1,753	632	11,570
Wheelk (Conch Species Not Specified)						75							75
White Hake	570	1,968	1,799	3,225	2,550	2,375	5,450	1,200	2,975	8,875	1,025	28,100	60,112
Windowpane Flounder (Sand-Dab/Brill)	4,903	724	566	65	369	15	1,730	4		75	21	2,620	11,092
Winter Flounder (Blackback)	90,335	13,629	13,748	8,605	30,870	68,234	43,255	12,250	7,310	22,666	23,676	65,072	399,650
Witch Flounder (Gray Sole)	1,194	1,512	1,669	1,895	40	5,581	90	2,800	100	255	85	5	15,226
Woolfish (Ocean Catfish)	10							5					15
Yellowfin Tuna				200			915	1,663	1,346	40			4,164
Yellowtail Flounder	230,027	61,484	42,261	19,796	954	39,615	50,545	4,145	4,791	14,507	4,069	121,950	594,144
Grand Total	6,250,479	5,460,612	11,817,316	5,471,826	3,368,404	2,213,275	2,258,028	1,625,473	1,727,319	1,517,643	1,390,931	2,175,044	45,276,350

Table 10. 2003 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Albacore Tuna							100	204	319				623
American Lobster	13,974	5,934	16,427	30,529	60,097	97,760	274,395	344,388	207,442	259,726	187,588	59,042	1,557,302
American Plaice Flounder (DAB)		145	1,650		6,500	5,707	4,520	1,030	280				19,832
American Shad	2			15		300				8			325
Atlantic Halibut						13	17						30
Atlantic Herring	306,000	500	1,161,160	540,925	300,000							1,138,060	3,446,645
Atlantic Mackerel	3,314	8,450	94,680	27,784	370,737	10,990			5	52	20	702,580	1,218,612
Black Bellied Rosefish			20	13									33
Black Sea Bass	5,309	6,062	6,922	2,584	2,451	2,738	57	5,784	731	982	1,584	218	35,422
Black Whiting	170	470	471		20	23,640		150		1,150		2,975	29,046
Blacktip Shark	20												20
Blue Back Herring		750	65										815
Blue Crab			3,287							67,875			71,162
Blue Crab - Bushel	31,176												31,176
Blue Shark						200							200
Bluefin Tuna									639				639
Bluefish	191	300	1,290	3	707	1,164	211	672	6,181	20,311	3,353	480	33,273
Blueline Tilefish		300		500									2,090
Bonito								5		40			45
Butterfish	41,770	35,957	62,653	44,701	28,443	10,929	2,850	102	30,764	11,198	6,702	41,516	317,585
Channeled Whelk				25			475					75	614
Chub Mackerel													25
Cod	16,296	11,300	18,193	791	2,048	30,670	2,725	660	106	360	175	3,082	86,406
Conger Eel	646	458	236	12	52				6	28	65	386	1,889
Crab (Species Not Specified)					347							20	367
Crevalle		600	1,500										2,100
Cunner								1					1
Cusk		82											82
Dolphin Fish (Mahi-Mahi)							30	250	445				725
Eel (Species Not Specified)	538	1,363	1,550	566	40							744	4,801
Flounder (Species Not Specified)					374		171	459	265				1,269
Fourspot Flounder	40	150	530					200					920
Golden Tilefish	100,067	110,007	109,772	61,740	61,698	24,657	24,250	38,689	44,078	2,960	40,480	81,857	700,255
Haddock	2,070	7,860	2,071	50,000	61,995	17,017	5,534	610	2,000				99,157
Hagfish													50,000
Hake (Species Not Specified)		129			10	16				450		100	705
Illex Squid					550	1,380	20	50	50	9,005			11,055
John Dory	5,673	9,134	6,074	1,695	60	5			20	210	277	18,458	41,606
Jonah Crab	257,975	133,959	208,388	98,221	282,567	427,202	265,069	82,124	120,883	236,082	312,832	382,614	2,807,916
King Whiting (Kingfish)	385	3,220	1,400	43,600	22,308				17,385	5,150			106,886
Little Skate			703										703
Loligo Squid	336,432	880,063	856,699	227,551	10,037	3,053	2,416	2,585	116,921	325,123	268,765	1,073,751	4,103,396
Mako Shark (Species Not Specified)											60		60
Monk Livers	10,850	11,684	7,264	2,630	2,540	295	647	68	622	7,039	19,102	11,161	73,902
Monk Tails	9,369	6,703	6,984	2,913	41,777	57,468	20,013	13,298	9,909	4,444	8,201	9,386	190,465

Table 10. 2003 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Monkfish (Anglerfish/Goosefish)	226,201	200,495	229,205	417,824	964,791	665,790	211,054	83,982	70,392	190,421	442,812	239,724	3,942,691
Mussels												25	25
Ocean Pout	250		61	70									381
Other Finfish			20									200	20
Pollock	220	15	195	1	305	1,917	744						3,597
Porbeagle Shark				159	20								179
Red Crab	4,608	151,014		54,576			161,982	276,525	210,150	203,275	271,170	121,561	1,454,861
Red Hake (Ling)	26,120	26,179	43,084	44,696	20,850	34,410	3,945	2,926	33,860	28,746	4,260	17,728	286,804
Redfish (Ocean Perch)			5			98						1	104
Rock Crab	12,547	6,215	10,886	845	10,809	33,333	30,296	4,772	33,300	28,159	18,460	7,056	196,678
Sand Tilefish	60				25							590	675
Scup (Porgy)	43,333	6	30	27	2,506	7,389	151	5,926	5,480	17,904	50,560	15,169	148,481
Sea Raven	20						87	5			65		282
Sea Robins		40	25	5					7	140			
Sea Scallop		76			105		529	588	218	630	24,223	8,850	35,219
Seatrout, NK	100	25		6								25	156
Shrimp (Pandalid)							300	1,320	1,365	1,270	9,630		13,885
Silver Hake (Whiting)	216,496	127,057	316,713	237,950	122,155	16,353	56,765	31,058	361,881	132,668	27,755	142,310	1,789,161
Skate	90,223	126,545	89,840	131,621	108,305	35,263	186,725	194,750	299,735	236,855	504,674	222,921	2,227,457
Skate Wings	21,568	47,184	32,352	44,898	49,681	26,356	14,696	2,825	6,569	25,485	89,651	86,024	447,289
Smooth Dogfish		100	65	81			93	60	370				769
Spiny Dogfish							200			600		600	1,400
Spotted Weakfish (Spotted Sea Trout)	15	220	6									30	271
Squid (Species Not Specified)									2,834			3,500	6,334
Striped Bass						74	2,052	31	33		222	30	2,442
Summer Flounder (Fluke)	116,513	166,449	323,328	33,076	6,426	4,515	1,562	4,332	9,608	111,361	21,793	140,386	939,349
Tautog				42	55		30	21	29	12	6	10	205
Tilefish	420	85	900								150	800	2,355
Triggerfish			183					15	159	18			375
Weakfish (Squeteague/Gray Sea Trout)	1,883	1,437	268	10					50	40	115	76	3,879
Wheik (Conch Species Not Specified)								88					88
White Hake	55,763	24,979	58,245	27,500	5,066	44,842	7,700	40	86,000	11,465	8,325	47,340	377,265
Windowpane Flounder (Sand-Dab/Brill)	932		25	77	90	300	700	35	3,260	2		137	5,558
Winter Flounder (Blackback)	41,140	9,406	6,846	6,988	27,525	8,052	121,611	70,005	29,044	14,375	14,825	8,633	358,450
Winter Skate											11,400	13,500	24,900
Winter Skate Wings												878	878
Witch Flounder (Gray Sole)	637	339	1,342	159	2,170	6,240	5,826	12,216	8,125	380	40	997	38,471
Wolfish (Ocean Catfish)						400		5					405
Yellowfin Tuna						236		393	558	6			1,193
Yellowtail Flounder	47,231	20,343	4,370	1,756	20,231	15,145	19,764	48,425	18,055	3,047	2,280	4,142	204,789
Grand Total	2,048,547	2,143,489	3,687,983	2,139,165	2,596,473	1,615,476	1,430,753	1,231,672	1,740,133	1,959,052	2,351,684	4,623,186	27,567,613

Table 11. 2004 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Albacore Tuna							4	493	2,147	1,386	1,500		5,530
American Lobster	14,373	12,450	20,921	25,629	37,475	74,588	113,162	137,850	208,041	265,580	198,114	66,053	1,174,236
American Plaice Flounder (DAB)		470	100	1,180		40							1,790
American Shad		54				150	382	15	8,500		1,632		9,101
Atlantic Croaker				5									1,637
Atlantic Halibut			45										45
Atlantic Herring	163,000		60,725	60,000	220,000							1,772,683	2,276,408
Atlantic Mackerel	6,992,195	20,054	3,429	4,175	673,722	250			10			50	7,693,885
Bait											33,000		33,000
Big Eye Tuna								390	7,000		5,500		12,890
Black Sea Bass	2,275	6,883	5,980	11,899	2,450	4,304	155	7,366	546	4,176	9,530	3,112	58,676
Black Whiting	1,610	5,100	37,145		22,550	35	20,250	37,000	6,708		7		130,405
Blue Crab		100				10,000	2,800			2,400			15,300
Bluefin Tuna									170	4,000	650		4,820
Bluefish									20,040	22,612	19,248	9,534	103,276
Blueline Tilefish	100	400									30	200	730
Bonito							52	10	26		30		118
Butterfish	82,070	30,885	27,201	21,135	32,277	4,248	6,346	7,520	3,531	2,358	27	2,079	219,677
Cancer Crab								12					12
Channeled Whelk							38	50					1,538
Cod	2,414	15,911	19,261	11,387	489	168	280	410	97	205	188	927	51,737
Conger Eel	871	279	56	25	4		10	1			10	1	1,257
Crab (Species Not Specified)			40			21	9						70
Cunner		32		60				450	50	1,975	1		2,568
Dogfish (Species Not Specified)					450	40							490
Dolphin Fish (Mahi-Mahi)							35	318	300	258		12	911
Eel (Species Not Specified)	480	415	280	110					50	256			1,603
Flounder (Species Not Specified)		100		100								30	230
Fourspot Flounder		200	150				480	100			145	735	1,810
Golden Tilefish	134,192	207,262	358,925	159,734	149,667	60,968	79,284	60,237	70,909	124,032	58,996	134,798	1,599,004
Grouper (Species Not Specified)					250								250
Haddock		9,119	6,900	24,860								3	40,882
Hake (Species Not Specified)	2,555		150										2,705
Illex Squid				1,000	3,510	5,940	82,910	312,680	160				406,200
John Dory	5,417	6,847	1,518	3,330	210	30				100			17,452
Jonah Crab	140,624	203,281	125,316	212,435	276,538	334,911	383,224	282,934	153,005	93,174	164,622	270,192	2,640,256
King Whiting (Kingfish)	38,526	26,689	35,080	6,800	36,000		2,821	1,200	1,200	37,500	150	130	186,096
Little Skate	10,000									4,300	5,900	136,000	156,200
Little Skate Wings							420				300		300
Little Tuna													420
Loligo Squid	1,700,093	2,396,046	632,817	374,777	63,401	171,785	102,510	67,603	98,816	103,394	8,369	124,964	5,844,575
Mako Shark (Shortfin)								150	100	350			600
Monk Livers	16,730	29,689	7,849	13,207	5,330	2,814	1,105	309	72	1,223	8,694	10,269	97,291
Monk Tails	5,429	29,912	13,761	22,991	31,193	7,805	15,659	4,507	1,273	2,324	9,886	15,133	159,873
Monkfish (Anglerfish/Goosefish)	478,041	774,949	502,413	739,060	591,854	270,598	64,230	26,760	6,039	19,496	135,322	147,910	3,756,672
Ocean Pout		8		165					20				193
Other Finfish													3
Other Invertebrates			40	157						3			197

Table 11. 2004 commercial landings (pounds) for the area south of Tuckernuck Island

	January	February	March	April	May	June	July	August	September	October	November	December	Grand Total
Pollock	351	423	1,460	199	1	2	3	24	28			105	2,596
Porbeagle Shark		20				110							130
Red Crab	41,775	56,475		61,220	53,325		103,000	274,869	331,607	221,520	323,566	143,647	1,611,004
Red Hake (Ling)	14,201	41,780	42,903	18,274	36,367	15,065	74,331	116,288	45,657	18,485	442	240	424,033
Redfish (Ocean Perch)				30									30
Rock Crab	327	8,085	25	4,705	6,885	32,499	115,740	47,222	13,077	25,783	16,812	42,457	313,617
Sand Tilefish	348			4						25		400	352
Scallops - Bushel													425
Scup (Porgy)	2,001	2,300	4,233	64,957	1,947	1,608	828	2,352	1,687	15,870	172,095	83,706	353,584
Sea Raven	23			10			15	145	40			3	236
Sea Robins										71	50	520	641
Sea Scallop	18,000	7,883	12,564	22,527	666	3,083	6,340	14,053	11,995	6,784	97,735	40,527	242,157
Seatrout, NK	25	83	104	2					45		800		259
Shark (Species Not Specified)													800
Shrimp (Panaeid)							155	220					375
Shrimp (Pandalid)						533	1,175	897	1,275	175			4,055
Shrimp (Species Not Specified)				100									100
Silver Hake (Whiting)	365,258	627,540	488,200	236,215	199,497	134,140	235,020	462,992	177,001	33,378	2,469	4,362	2,956,072
Skate	95,016	162,244	154,361	204,196	221,154	179,138	146,570	156,825	207,500	521,831	203,383	104,464	2,356,682
Skate Wings	9,968	172,973	16,692	56,212	137,651	41,380	1,685	75	16	9,251	45,466	58,793	550,162
Skipjack Tuna									30				30
Smooth Dogfish						1,000	40	170	810	1,000			3,020
Spider Crab		9,450											9,450
Spiny Dogfish	900	100		1,025	960	990		1,020	1,800	13,836	3,816	2,300	26,747
Spotted Weakfish (Spotted Sea Trout)	93	28	23			10							154
Squid (Species Not Specified)										15,000			15,000
Striped Bass						154	598	153	15	64	81		1,065
Summer Flounder (Fluke)	341,878	583,991	85,366	55,835	8,156	20,630	8,647	23,820	15,217	48,228	125,431	146,903	1,464,102
Swordfish								1,000	1,200	1,200	2,000		5,400
Tautog							24		211	271	130		636
Tilefish	400	290		60						57			807
Tuna (Species Not Specified)									32				32
Wahoo								100					100
Weakfish (Squeteague/Gray Sea Trout)	144	207	48	23	31			20	120	835	66		1,494
Wheik (Conch Species Not Specified)				7			50						57
White Hake	36,410	36,550	59,990	24,371	41,500	5,000	56,600	86,798	19,563	2,591	32	500	369,905
Windowpane Flounder (Sand-Dab/Brill)	48	645	390	185			130	100		32		1,580	3,110
Winter Flounder (Blackback)	2,520	2,010	4,685	8,252	11,200	2,530	21,610	25,830	7,589	25,082	29,430	120,554	261,292
Winter Skate				33,000	18,905						6,670		58,575
Winter Skate Wings					15,400					10,000	3,800	2,000	31,200
Witch Flounder (Gray Sole)	393	2,275	3,566	1,454	50	30	250	12	300	60	280	547	9,187
Wolfish (Ocean Catfish)				10									40
Yellowfin Tuna			150			330	399	3,854	3,770	4,797	2,000		15,300
Yellowtail Flounder	1,525	16,396	1,915	6,415	2,040		1,056	18,655	4,050	7,320	3,035	40,809	103,216
Grand Total	10,722,599	5,508,883	2,736,777	2,497,079	2,903,431	1,391,837	1,657,732	2,203,045	1,433,435	1,674,658	1,701,440	3,489,232	37,920,148

Table 12. Total federally-reportable commercial landings (pounds) and number of species landed by month and year
 (Source: NMFS Vessel Trip Report Data for Area 537)

MONTH	1994		1995		1996		1997		1998		1999	
	No. Species	Total Landings (lbs)	No. Species	Total Landings (lbs)	No. Species	Total Landings (lbs)	No. Species	Total Landings (lbs)	No. Species	Total Landings (lbs)	No. Species	Total Landings (lbs)
January			959	5,520,880	118	6,856,327	78	4,965,695	85	6,057,635	85	
February			880	4,665,186	82	6,133,864	94	7,924,335	87	5,557,807	81	
March	41	258,791	933	6,349,984	77	6,019,870	69	6,331,398	76	5,174,398	72	
April	390	3,695,746	1,002	5,651,531	87	5,950,154	78	4,164,481	92	3,011,345	104	
May	407	1,776,935	941	2,887,438	114	5,188,026	97	3,605,314	82	2,402,064	89	
June	536	2,611,746	852	3,109,525	119	2,690,783	106	3,744,508	119	3,537,931	83	
July	514	2,609,931	809	4,189,666	109	2,777,715	100	3,739,067	90	3,416,936	81	
August	672	2,814,038	851	3,127,225	131	3,581,165	100	3,537,248	94	2,566,944	93	
September	892	7,246,341	890	3,076,985	101	3,515,722	112	4,991,021	109	3,979,237	85	
October	888	4,549,950	1,035	3,206,780	105	4,051,864	92	4,524,387	103	4,273,794	88	
November	830	2,403,267	709	1,624,890	104	6,130,604	95	2,158,799	80	3,177,557	90	
December	977	3,181,250	1,248	2,529,453	110	5,246,193	92	3,592,757	88	3,622,302	82	
Grand Total	6,147	31,147,995	11,109	45,939,543	1,257	58,142,287	1,113	53,276,010	1,105	46,777,950	1,033	

MONTH	2000		2001		2002		2003		2004		Total Landings (lbs)	
	No. Species	Total Landings (lbs)	No. Species	Total Landings (lbs)	No. Species	Total Landings (lbs)	No. Species	Total Landings (lbs)	No. Species	Total Landings (lbs)	No. Species	Total Landings (lbs)
January	78	2,554,823	66	4,855,765	77	6,250,479	64	2,048,547	67	10,722,599	67	55,608,940
February	92	5,547,707	65	4,062,218	67	5,401,612	61	2,143,489	73	5,508,883	73	52,237,932
March	79	3,673,837	81	4,181,204	71	11,817,316	67	3,687,983	58	2,736,777	58	57,652,830
April	81	2,121,347	78	2,764,954	68	5,471,826	63	2,139,165	85	2,497,079	85	42,426,931
May	86	1,559,927	74	1,942,512	71	3,368,404	75	2,596,473	70	2,903,431	70	31,405,478
June	79	3,606,412	78	2,920,720	67	2,213,275	69	1,615,476	68	1,391,837	68	30,700,770
July	89	3,256,759	97	4,399,376	78	2,258,028	70	1,430,753	73	1,657,732	73	33,540,021
August	93	3,872,343	84	3,164,575	75	1,625,473	72	1,231,672	79	2,203,045	79	30,787,012
September	93	3,368,404	84	1,867,866	64	1,727,319	71	1,740,133	81	1,433,435	81	35,755,218
October	89	2,397,919	77	1,933,475	54	1,517,643	61	1,959,052	94	1,674,658	94	23,968,224
November	77	3,780,043	79	2,699,459	76	1,390,931	55	2,351,684	89	1,701,440	89	30,012,262
December	65	2,908,320	54	1,632,548	74	2,175,044	72	4,623,186	67	3,489,232	67	35,421,179
Grand Total	1,001	38,647,841	917	36,424,672	842	45,276,350	800	27,567,613	904	37,920,148	904	468,516,797

**Table 13. Top 20 federally-reportable commercial species landed (pounds) from Area 537
(Source: NMFS Vessel Trip Report Data for Area 537)**

Species	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	Grand Total
Atlantic Herring	1,036,400	5,505,545	13,914,398	10,382,565	5,228,357	8,282,320	6,151,077	1,302,946	8,761,230	3,446,645	2,276,408	66,287,891
Silver Hake (Whiting)	4,495,746	7,026,700	8,594,140	7,945,340	7,107,976	5,895,824	7,721,278	6,900,733	3,397,982	1,789,161	2,966,072	63,840,952
Loligo Squid	7,889,974	5,430,481	4,879,523	4,589,031	7,188,567	6,605,265	4,074,037	4,840,273	5,207,349	4,103,396	5,844,575	60,652,471
Skate	2,094,350	2,761,886	4,590,493	6,902,689	6,389,164	4,269,972	3,820,212	3,934,398	2,442,064	2,227,457	2,356,682	41,789,367
Monkfish (Anglerfish/Goosefish)	2,729,225	4,385,905	5,080,805	4,443,799	3,326,552	4,683,593	2,967,150	2,652,873	2,353,377	3,942,691	3,756,672	40,322,642
Atlantic Mackerel	1,571,045	4,875,109	5,801,529	3,008,088	584,932	1,177,579	720,423	99,564	12,234,891	1,218,612	7,693,885	38,985,657
American Lobster	1,351,023	1,965,426	2,309,457	3,037,752	2,602,481	2,995,387	2,342,206	2,193,548	1,818,759	1,557,302	1,174,236	23,347,577
Butterfish	1,188,713	1,576,820	1,678,105	2,285,717	1,451,897	1,119,224	503,963	5,933,028	351,292	317,585	219,677	16,626,021
Jonah Crab	97,638	166,893	469,916	942,428	1,319,390	1,537,743	1,796,458	1,809,063	2,275,552	2,807,916	2,640,256	15,863,253
Summer Flounder (Fluke)	661,278	1,722,608	1,285,215	831,980	813,120	915,555	679,049	692,776	945,521	939,349	1,464,102	10,950,553
Squid (Species Not Specified)	1,493,763	1,780,471	614,174	1,341,932	2,370,343	1,686,433	900,298	56,856	150	6,334	15,000	10,265,754
Red Hake (Ling)	351,486	845,477	683,752	792,585	966,293	1,176,482	1,288,277	1,163,311	427,664	286,804	424,033	8,406,164
Tilefish	47,271	1,026,906	951,928	1,743,495	1,626,502	619,539	399,570	358,470	5,687	2,355	807	6,782,530
Red Crab		12,362	480	120	127,620	892,368	280	621,558	1,515,344	1,454,861	1,611,004	6,235,997
Spiny Dogfish	1,314,463	1,122,475	1,263,732	967,899	705,465	457,039	224,029	5,613	54,933	1,400	26,747	6,143,795
White Hake	819,833	848,086	914,684	630,432	1,000,465	663,286	38,545	39,080	60,112	377,265	369,905	5,761,693
Winter Flounder (Blackback)	395,110	411,772	673,265	494,866	479,586	510,104	816,095	641,765	399,650	358,450	261,292	5,441,955
Scup (Porgy)	969,108	734,564	608,499	274,745	378,902	359,034	252,315	121,748	639,218	148,481	353,584	4,840,198
Illex Squid	512,931	542,614	1,199,671	757,936	667,376	118,238	519,001	30,021	48,524	11,055	406,200	4,813,567
Yellowtail Flounder	102,591	164,530	358,749	277,101	360,348	802,639	637,122	679,255	594,144	204,789	103,216	4,284,484
Grand Total	29,121,948	42,906,630	55,872,515	51,650,500	44,695,336	44,767,624	35,851,385	34,076,879	43,533,443	25,201,908	33,964,353	441,642,521

Table 14a. Total federally-reportable landings (pounds) for finfish and squid species and proportion of total catch for each species (Source: 1994-1995 NMFS Vessel Trip Report Catch Data for Area 537)

1994			1995		
Species Name	Total Pounds	% of total annual catch	Species Name	Total Pounds	% of total annual catch
Loligo Squid	7,889,974	26.65%	Silver Hake (Whiting)	7,026,700	16.16%
Silver Hake (Whiting)	4,495,746	15.19%	Atlantic Herring	5,505,545	12.66%
Monkfish (Anglerfish/Goosefish)	2,729,225	9.22%	Loligo Squid	5,430,481	12.49%
Skate	2,094,350	7.07%	Atlantic Mackerel	4,875,109	11.21%
Atlantic Mackerel	1,571,045	5.31%	Monkfish (Anglerfish/Goosefish)	4,385,905	10.09%
Squid (Species Not Specified)	1,493,763	5.05%	Skate	2,761,886	6.35%
Spiny Dogfish	1,314,463	4.44%	Squid (Species Not Specified)	1,780,471	4.09%
Butterfish	1,188,713	4.02%	Summer Flounder (Fluke)	1,722,608	3.96%
Atlantic Herring	1,036,400	3.50%	Butterfish	1,576,820	3.63%
Scup (Porgy)	969,108	3.27%	Spiny Dogfish	1,122,475	2.58%
White Hake	819,833	2.77%	Tilefish	1,026,906	2.36%
Summer Flounder (Fluke)	661,278	2.23%	White Hake	848,086	1.95%
Black Whiting	520,588	1.76%	Red Hake (Ling)	845,477	1.94%
Illex Squid	512,931	1.73%	Scup (Porgy)	734,564	1.69%
Bluefish	437,467	1.48%	King Whiting (Kingfish)	695,390	1.60%
Winter Flounder (Blackback)	395,110	1.33%	Illex Squid	542,614	1.25%
Red Hake (Ling)	351,486	1.19%	Black Whiting	466,301	1.07%
King Whiting (Kingfish)	301,045	1.02%	Winter Flounder (Blackback)	411,772	0.95%
Cod	118,899	0.40%	Bluefish	265,674	0.61%
Witch Flounder (Gray Sole)	103,220	0.35%	Cod	245,243	0.56%
Yellowtail Flounder	102,591	0.35%	Yellowtail Flounder	164,530	0.38%
Dogfish (Species Not Specified)	92,070	0.31%	Yellowfin Tuna	138,594	0.32%
Big Eye Tuna	49,680	0.17%	Hake (Species Not Specified)	135,007	0.31%
Tilefish	47,271	0.16%	Dogfish (Species Not Specified)	115,582	0.27%
Windowpane Flounder (Sand-Dab/Brill)	36,693	0.12%	Monk Tails	73,343	0.17%
Yellowfin Tuna	35,783	0.12%	Windowpane Flounder (Sand-Dab/Brill)	52,106	0.12%
Albacore Tuna	32,091	0.11%	Other Finfish	51,726	0.12%
Flounder (Species Not Specified)	28,387	0.10%	Witch Flounder (Gray Sole)	51,605	0.12%
Monk Tails	27,673	0.09%	Big Eye Tuna	46,711	0.11%
Other Finfish	20,660	0.07%	Skate Wings	46,076	0.11%
Bluefin Tuna	16,649	0.06%	Flounder (Species Not Specified)	33,599	0.08%
Hake (Species Not Specified)	16,410	0.06%	Monk Livers	33,545	0.08%
Swordfish	14,701	0.05%	Black Sea Bass	32,662	0.08%
Monk Livers	13,443	0.05%	Albacore Tuna	26,845	0.06%
American Plaice Flounder (DAB)	13,278	0.04%	John Dory	26,072	0.06%
Skate Wings	12,898	0.04%	Swordfish	22,777	0.05%
Black Sea Bass	6,467	0.02%	Ocean Pout	19,978	0.05%
Chub Mackerel	5,460	0.02%	Chub Mackerel	17,328	0.04%
Sandbar Shark	3,273	0.01%	American Plaice Flounder (DAB)	16,180	0.04%
Dolphin Fish (Mahi-Mahi)	2,481	<0.01%	Pollock	12,286	0.03%
Redfish (Ocean Perch)	2,345	<0.01%	Shark (Species Not Specified)	11,807	0.03%
John Dory	2,286	<0.01%	Redfish (Ocean Perch)	10,641	0.02%
Tautog	2,101	<0.01%	Wolffish (Ocean Catfish)	9,771	0.02%
American Shad	2,011	<0.01%	Shrimp (Pandalid)	7,998	0.02%
Bonito	1,405	<0.01%	Blue Back Herring	7,000	0.02%
Ocean Pout	1,305	<0.01%	Weakfish (Squeteague/Gray Sea Trout)	6,217	0.01%
Mako Shark (Shortfin)	1,293	<0.01%	Bluefin Tuna	4,754	0.01%
Fourspot Flounder	940	<0.01%	Conger Eel	4,606	0.01%
Shark (Species Not Specified)	938	<0.01%	Eel (Species Not Specified)	4,342	0.01%
American Eel	800	<0.01%	Dolphin Fish (Mahi-Mahi)	4,320	0.01%
Weakfish (Squeteague/Gray Sea Trout)	759	<0.01%	Tautog	3,193	<0.01%
Shrimp (Pandalid)	720	<0.01%	Smooth Dogfish	3,070	<0.01%
Mako Shark (Longfin)	475	<0.01%	Haddock	2,319	<0.01%
Dusky Shark	441	<0.01%	Spotted Weakfish (Spotted Sea Trout)	2,169	<0.01%
Wolffish (Ocean Catfish)	423	<0.01%	Mako Shark (Shortfin)	2,164	<0.01%
Striped Bass	388	<0.01%	Cusk	1,635	<0.01%
Conger Eel	352	<0.01%	Tuna (Species Not Specified)	1,441	<0.01%
Pollock	314	<0.01%	Sea Robins	1,221	<0.01%
Tuna (Species Not Specified)	233	<0.01%	Bonito	1,150	<0.01%
Smooth Dogfish	200	<0.01%	Seatroun, NK	1,080	<0.01%
Sea Robins	163	<0.01%	Porbeagle Shark	1,027	<0.01%
Mako Shark (Species Not Specified)	138	<0.01%	Striped Bass	909	<0.01%
Eel (Species Not Specified)	102	<0.01%	American Shad	834	<0.01%
Haddock	97	<0.01%	Fourspot Flounder	815	<0.01%
Sea Raven	79	<0.01%	Sculpins	375	<0.01%
Spotted Weakfish (Spotted Sea Trout)	71	<0.01%	Mako Shark (Species Not Specified)	362	<0.01%
Blue Back Herring	70	<0.01%	Thresher Shark	311	<0.01%
Triggerfish	53	<0.01%	Sea Raven	253	<0.01%
Sand Tiger Shark	35	<0.01%	Wahoo	226	<0.01%
Cusk	28	<0.01%	Sharpnose Shark	180	<0.01%
Cunner	27	<0.01%	Mako Shark (Longfin)	145	<0.01%
Hickory Shad	13	<0.01%	Frigate Mackerel	130	<0.01%
King Mackerel	6	<0.01%	Atlantic Halibut	60	<0.01%
Grand Total	29,603,214		Cunner	45	<0.01%
			King Mackerel	30	<0.01%
			Triggerfish	18	<0.01%
			Gizzard Shad	2	<0.01%
			Grand Total	43,483,199	

Sum of landings within gray shaded area equal 90% or greater of total landings for that year.

Table 14b. Total federally-reportable landings (pounds) for finfish and squid species and proportion of total catch for each species (Source: 1996-1997 NMFS Vessel Trip Report Catch Data for Area 537)

1996			1997		
Species Name	Total Pounds	% of total annual catch	Species Name	Total Pounds	% of total annual catch
Atlantic Herring	13,914,398	25.27%	Atlantic Herring	10,382,565	21.22%
Silver Hake (Whiting)	8,594,140	15.61%	Silver Hake (Whiting)	7,945,340	16.24%
Atlantic Mackerel	5,801,529	10.54%	Skate	6,902,689	14.11%
Monkfish (Anglerfish/Goosefish)	5,080,805	9.23%	Loligo Squid	4,589,031	9.38%
Loligo Squid	4,879,523	8.86%	Monkfish (Anglerfish/Goosefish)	4,443,799	9.08%
Skate	4,590,493	8.34%	Atlantic Mackerel	3,008,088	6.15%
Butterfish	1,678,105	3.05%	Butterfish	2,285,717	4.67%
Summer Flounder (Fluke)	1,285,215	2.33%	Tilefish	1,743,495	3.56%
Spiry Dogfish	1,263,732	2.30%	Squid (Species Not Specified)	1,341,932	2.74%
Illex Squid	1,199,671	2.18%	Spiry Dogfish	967,899	1.98%
Tilefish	951,928	1.73%	Summer Flounder (Fluke)	831,980	1.70%
White Hake	914,684	1.66%	Red Hake (Ling)	792,585	1.62%
Red Hake (Ling)	683,752	1.24%	Illex Squid	757,936	1.55%
Winter Flounder (Blackback)	673,265	1.22%	White Hake	630,432	1.29%
Squid (Species Not Specified)	614,174	1.12%	Winter Flounder (Blackback)	494,866	1.01%
Scup (Porgy)	608,499	1.11%	Yellowtail Flounder	277,101	0.57%
Yellowtail Flounder	358,749	0.65%	Scup (Porgy)	274,745	0.56%
Bluefish	316,922	0.58%	Monk Tails	268,224	0.55%
Dogfish (Species Not Specified)	296,529	0.54%	Bluefish	223,293	0.46%
Cod	174,080	0.32%	Monk Livers	107,672	0.22%
Flounder (Species Not Specified)	151,121	0.27%	Skate Wings	106,418	0.22%
King Whiting (Kingfish)	146,200	0.27%	Dogfish (Species Not Specified)	87,782	0.18%
Hake (Species Not Specified)	86,124	0.16%	Cod	61,124	0.12%
Black Whiting	85,632	0.16%	Flounder (Species Not Specified)	55,732	0.11%
Monk Tails	82,993	0.15%	Hake (Species Not Specified)	53,566	0.11%
Windowpane Flounder (Sand-Dab/Brill)	81,806	0.15%	Black Sea Bass	44,513	0.09%
Skate Wings	59,190	0.11%	Witch Flounder (Gray Sole)	43,650	0.09%
Witch Flounder (Gray Sole)	58,349	0.11%	Shrimp (Pandalid)	37,456	0.08%
Monk Livers	53,436	0.10%	Yellowfin Tuna	35,393	0.07%
Black Sea Bass	53,349	0.10%	Other Finfish	24,905	0.05%
American Plaice Flounder (DAB)	52,671	0.10%	Windowpane Flounder (Sand-Dab/Brill)	23,029	0.05%
Other Finfish	48,624	0.09%	John Dory	13,506	0.03%
Yellowfin Tuna	44,080	0.08%	Swordfish	12,083	0.02%
Shrimp (Pandalid)	31,487	0.06%	American Plaice Flounder (DAB)	11,830	0.02%
John Dory	20,524	0.04%	Big Eye Tuna	10,680	0.02%
Big Eye Tuna	12,425	0.02%	Albacore Tuna	3,780	<0.01%
Swordfish	12,392	0.02%	Weakfish (Squeteague/Gray Sea Trout)	3,265	<0.01%
Redfish (Ocean Perch)	11,522	0.02%	Conger Eel	3,047	<0.01%
Weakfish (Squeteague/Gray Sea Trout)	9,792	0.02%	Haddock	2,629	<0.01%
Eel (Species Not Specified)	8,470	0.02%	Seatroun, NK	2,496	<0.01%
Smooth Dogfish	7,868	0.01%	Dolphin Fish (Mahi-Mahi)	2,348	<0.01%
Wolfish (Ocean Catfish)	7,140	0.01%	Shrimp (Species Not Specified)	2,100	<0.01%
Pollock	6,912	0.01%	Pollock	1,941	<0.01%
Sculpins	5,600	0.01%	Bluefin Tuna	1,842	<0.01%
Bluefin Tuna	5,002	<0.01%	Eel (Species Not Specified)	1,635	<0.01%
Tautog	4,135	<0.01%	Blue Back Herring	1,610	<0.01%
Fourspot Flounder	4,075	<0.01%	Bait	1,500	<0.01%
Albacore Tuna	3,722	<0.01%	American Shad	1,330	<0.01%
Conger Eel	3,231	<0.01%	Sea Robins	1,267	<0.01%
Cusk	2,719	<0.01%	Tautog	1,069	<0.01%
Seatroun, NK	2,535	<0.01%	Redfish (Ocean Perch)	915	<0.01%
Shark (Species Not Specified)	2,535	<0.01%	Bonito	891	<0.01%
Sandbar Shark	1,752	<0.01%	Striped Bass	837	<0.01%
Spotted Weakfish (Spotted Sea Trout)	1,226	<0.01%	Fourspot Flounder	710	<0.01%
American Eel	1,030	<0.01%	Ocean Pout	626	<0.01%
Atlantic Halibut	1,000	<0.01%	Mako Shark (Species Not Specified)	567	<0.01%
Menhaden	1,000	<0.01%	Cunner	500	<0.01%
Mako Shark (Shortfin)	957	<0.01%	Porbeagle Shark	384	<0.01%
Porbeagle Shark	946	<0.01%	Smooth Dogfish	371	<0.01%
Striped Bass	880	<0.01%	Other Invertebrates	300	<0.01%
American Shad	489	<0.01%	Bull Shark	264	<0.01%
Chub Mackerel	435	<0.01%	Sea Raven	264	<0.01%
Haddock	421	<0.01%	Wolfish (Ocean Catfish)	239	<0.01%
Dolphin Fish (Mahi-Mahi)	391	<0.01%	Mako Shark (Shortfin)	235	<0.01%
King Mackerel	350	<0.01%	Shark (Species Not Specified)	226	<0.01%
Sea Robins	350	<0.01%	King Mackerel	208	<0.01%
Bonito	325	<0.01%	Cusk	181	<0.01%
Greenland Halibut	250	<0.01%	Mako Shark (Longfin)	168	<0.01%
Sea Raven	223	<0.01%	Dusky Shark	160	<0.01%
Atlantic Croaker	200	<0.01%	King Whiting (Kingfish)	159	<0.01%
Mako Shark (Longfin)	169	<0.01%	Spotted Weakfish (Spotted Sea Trout)	124	<0.01%
Blue Shark	161	<0.01%	Black Whiting	110	<0.01%
Thresher Shark	150	<0.01%	Thresher Shark	73	<0.01%
Wahoo	120	<0.01%	White Marlin	70	<0.01%
Marlin (Species Not Specified)	85	<0.01%	Wahoo	34	<0.01%
Ocean Pout	83	<0.01%	Sandbar Shark	32	<0.01%
Triggerfish	70	<0.01%	Triggerfish	30	<0.01%
Tiger Shark	45	<0.01%	Chub Mackerel	20	<0.01%
Skipjack Tuna	30	<0.01%	Atlantic Halibut	12	<0.01%
Cunner	25	<0.01%	Skipjack Tuna	8	<0.01%
Black Bellied Rosefish	22	<0.01%	Blue Shark	1	<0.01%
Sea Urchins	8	<0.01%			
Tuna (Species Not Specified)	3	<0.01%			
Grand Total	55,059,050		Grand Total	48,931,634	

Sum of landings within gray shaded area equal 90% or greater of total landings for that year.

Table 14c. Total federally-reportable landings (pounds) for finfish and squid species and proportion of total catch for each species (Source: 1998-1999 NMFS Vessel Trip Report Catch Data for Area 537)

1998			1999		
Species Name	Total Pounds	% of total annual catch	Species Name	Total Pounds	% of total annual catch
Loligo Squid	7,188,567	17.06%	Atlantic Herring	8,282,320	20.19%
Silver Hake (Whiting)	7,107,976	16.86%	Loligo Squid	6,605,265	16.10%
Skate	6,389,164	15.16%	Silver Hake (Whiting)	5,895,824	14.37%
Atlantic Herring	5,228,357	12.41%	Monkfish (Anglerfish/Goosefish)	4,683,593	11.42%
Monkfish (Anglerfish/Goosefish)	3,326,552	7.89%	Skate	4,269,972	10.41%
Squid (Species Not Specified)	2,370,343	5.62%	Squid (Species Not Specified)	1,686,433	4.11%
Tilefish	1,626,502	3.86%	Atlantic Mackerel	1,177,579	2.87%
Butterfish	1,451,897	3.44%	Red Hake (Ling)	1,176,482	2.87%
White Hake	1,000,465	2.37%	Butterfish	1,119,224	2.73%
Red Hake (Ling)	966,293	2.29%	Summer Flounder (Fluke)	915,555	2.23%
Summer Flounder (Fluke)	813,120	1.93%	Yellowtail Flounder	802,639	1.96%
Spiny Dogfish	705,465	1.67%	White Hake	663,286	1.62%
Illex Squid	667,376	1.58%	Tilefish	619,539	1.51%
Atlantic Mackerel	584,932	1.39%	Winter Flounder (Blackback)	510,104	1.24%
Winter Flounder (Blackback)	479,586	1.14%	Spiny Dogfish	457,039	1.11%
Monk Tails	399,199	0.95%	Scup (Porgy)	359,034	0.88%
Scup (Porgy)	378,902	0.90%	Monk Tails	240,587	0.59%
Yellowtail Flounder	360,348	0.85%	Dogfish (Species Not Specified)	193,348	0.47%
Bluefish	165,869	0.39%	Bluefish	181,985	0.44%
Hake (Species Not Specified)	125,890	0.30%	Black Whiting	173,801	0.42%
Black Whiting	89,195	0.21%	King Whiting (Kingfish)	145,746	0.36%
Monk Livers	86,713	0.21%	Illex Squid	118,238	0.29%
Skate Wings	73,089	0.17%	Monk Livers	108,215	0.26%
Cod	70,616	0.17%	Hake (Species Not Specified)	93,709	0.23%
Flounder (Species Not Specified)	67,616	0.16%	Black Sea Bass	93,266	0.23%
Dogfish (Species Not Specified)	49,358	0.12%	Witch Flounder (Gray Sole)	80,935	0.20%
King Whiting (Kingfish)	44,050	0.10%	Cod	79,577	0.19%
Witch Flounder (Gray Sole)	39,988	0.09%	Skate Wings	28,364	0.07%
Black Sea Bass	38,970	0.09%	Flounder (Species Not Specified)	26,568	0.06%
American Shad	32,408	0.08%	American Plaice Flounder (DAB)	20,996	0.05%
Pollock	30,749	0.07%	Yellowfin Tuna	18,369	0.04%
Other Finfish	21,190	0.05%	Shrimp (Pandalid)	16,397	0.04%
Yellowfin Tuna	20,814	0.05%	Bluefin Tuna	16,282	0.04%
Albacore Tuna	17,651	0.04%	Weakfish (Squeteague/Gray Sea Trout)	15,980	0.04%
Big Eye Tuna	17,355	0.04%	John Dory	13,895	0.03%
Shrimp (Pandalid)	13,445	0.03%	Haddock	13,528	0.033%
Swordfish	13,192	0.03%	Windowpane Flounder (Sand-Dab/Brill)	13,051	0.032%
John Dory	9,835	0.02%	Seatroun, NK	12,509	0.030%
Windowpane Flounder (Sand-Dab/Brill)	9,790	0.02%	Big Eye Tuna	11,638	0.028%
American Plaice Flounder (DAB)	8,568	0.02%	Other Finfish	11,465	0.028%
Fourspot Flounder	7,845	0.02%	Swordfish	8,270	0.020%
Seatroun, NK	7,143	0.02%	Pollock	8,019	0.02%
Weakfish (Squeteague/Gray Sea Trout)	5,657	0.01%	Conger Eel	6,580	0.02%
Conger Eel	4,909	0.01%	Wolffish (Ocean Catfish)	5,234	0.01%
Eel (Species Not Specified)	3,907	<0.01%	Albacore Tuna	4,330	0.01%
Bonito	2,986	<0.01%	Striped Bass	3,850	<0.01%
Striped Bass	2,853	<0.01%	Dolphin Fish (Mahi-Mahi)	3,128	<0.01%
Haddock	2,655	<0.01%	Fourspot Flounder	2,965	<0.01%
Dolphin Fish (Mahi-Mahi)	2,560	<0.01%	Bonito	2,625	<0.01%
Tautog	1,682	<0.01%	Ocean Pout	2,434	<0.01%
Smooth Dogfish	1,505	<0.01%	Redfish (Ocean Perch)	2,344	<0.01%
Shrimp (Species Not Specified)	1,468	<0.01%	Smooth Dogfish	2,318	<0.01%
Blue Back Herring	1,415	<0.01%	Spotted Weakfish (Spotted Sea Trout)	2,107	<0.01%
Bluefin Tuna	1,396	<0.01%	American Shad	1,710	<0.01%
Sea Raven	970	<0.01%	Eel (Species Not Specified)	1,651	<0.01%
Spotted Weakfish (Spotted Sea Trout)	964	<0.01%	Cunner	1,424	<0.01%
Wolffish (Ocean Catfish)	932	<0.01%	Sea Urchins	1,350	<0.01%
Porbeagle Shark	787	<0.01%	Sea Raven	1,172	<0.01%
Ocean Pout	700	<0.01%	Skipjack Tuna	1,077	<0.01%
Sea Robins	612	<0.01%	Tautog	620	<0.01%
Skipjack Tuna	531	<0.01%	Blue Back Herring	570	<0.01%
Mako Shark (Species Not Specified)	464	<0.01%	Other Invertebrates	400	<0.01%
Redfish (Ocean Perch)	431	<0.01%	Mako Shark (Shortfin)	249	<0.01%
Cusk	275	<0.01%	Chub Mackerel	210	<0.01%
Thresher Shark	246	<0.01%	Mako Shark (Species Not Specified)	125	<0.01%
Mako Shark (Shortfin)	221	<0.01%	Cusk	96	<0.01%
Triggerfish	139	<0.01%	Sea Robins	92	<0.01%
Cunner	125	<0.01%	Porbeagle Shark	80	<0.01%
Tuna (Species Not Specified)	87	<0.01%	Atlantic Croaker	75	<0.01%
Blue Shark	66	<0.01%	Tiger Shark	64	<0.01%
Wahoo	35	<0.01%	Wahoo	46	<0.01%
Little Tuna	32	<0.01%	Mullets	30	<0.01%
Lumpfish	12	<0.01%	Tuna (Species Not Specified)	26	<0.01%
Rough Scad	6	<0.01%	Little Tuna	10	<0.01%
Mako Shark (Longfin)	1	<0.01%	Sculpins	10	<0.01%
Grand Total	42,147,012		Triggerfish	2	<0.01%
			King Mackerel	1	<0.01%
			Opah (Moonfish)	1	<0.01%
			Grand Total	41,017,632	

Sum of landings within gray shaded area equal 90% or greater of total landings for that year.

Table 14d. Total federally-reportable landings (pounds) for finfish and squid species and proportion of total catch for each species (Source: 2000-2001 NMFS Vessel Trip Report Catch Data for Area 537)

2000			2001		
Species Name	Total Pounds	% of total annual catch	Species Name	Total Pounds	% of total annual catch
Silver Hake (Whiting)	7,721,278	23.04%	Silver Hake (Whiting)	6,900,733	22.08%
Atlantic Herring	6,151,077	18.36%	Butterfish	5,933,028	18.98%
Loligo Squid	4,074,037	12.16%	Loligo Squid	4,840,273	15.48%
Skate	3,820,212	11.40%	Skate	3,934,398	12.59%
Monkfish (Anglerfish/Goosefish)	2,967,150	8.85%	Monkfish (Anglerfish/Goosefish)	2,652,873	8.49%
Red Hake (Ling)	1,288,277	3.84%	Atlantic Herring	1,302,946	4.17%
Squid (Species Not Specified)	900,298	2.69%	Red Hake (Ling)	1,163,311	3.72%
Winter Flounder (Blackback)	816,095	2.44%	Summer Flounder (Fluke)	692,776	2.22%
Atlantic Mackerel	720,423	2.15%	Yellowtail Flounder	579,255	2.17%
Summer Flounder (Fluke)	679,049	2.03%	Winter Flounder (Blackback)	641,765	2.05%
Yellowtail Flounder	637,122	1.90%	King Whiting (Kingfish)	421,214	1.35%
Illex Squid	519,001	1.55%	Tilefish	358,470	1.15%
Butterfish	503,963	1.50%	Black Whiting	345,067	1.10%
King Whiting (Kingfish)	411,447	1.23%	Skate Wings	174,332	0.56%
Tilefish	399,570	1.19%	Cod	145,984	0.47%
Scup (Porgy)	252,315	0.75%	Monk Tails	143,518	0.46%
Cod	234,323	0.70%	Scup (Porgy)	121,748	0.39%
Spiny Dogfish	224,029	0.67%	Atlantic Mackerel	99,564	0.32%
Monk Tails	186,612	0.56%	Bluefish	88,651	0.28%
Black Whiting	103,803	0.31%	Black Sea Bass	69,977	0.22%
Black Sea Bass	98,905	0.30%	Monk Livers	66,030	0.21%
Monk Livers	92,838	0.28%	Squid (Species Not Specified)	56,856	0.18%
Hake (Species Not Specified)	85,771	0.26%	Golden Tilefish	50,877	0.16%
Skate Wings	81,416	0.24%	Witch Flounder (Gray Sole)	48,091	0.15%
Golden Tilefish	72,513	0.22%	Hake (Species Not Specified)	41,747	0.13%
Bluefish	70,595	0.21%	White Hake	39,080	0.13%
Witch Flounder (Gray Sole)	43,440	0.13%	Illex Squid	30,021	0.10%
White Hake	38,545	0.12%	Atlantic Croaker	23,150	0.07%
Flounder (Species Not Specified)	34,586	0.10%	Yellowfin Tuna	18,417	0.06%
Swordfish	33,334	0.10%	John Dory	17,838	0.06%
Yellowfin Tuna	30,772	0.09%	Windowpane Flounder (Sand-Dab/Brill)	14,064	0.04%
Dogfish (Species Not Specified)	30,076	0.09%	Shrimp (Pandalid)	13,530	0.04%
Shrimp (Pandalid)	25,074	0.07%	Big Eye Tuna	11,344	0.04%
Big Eye Tuna	23,929	0.07%	Albacore Tuna	9,718	0.03%
Other Finfish	19,253	0.06%	Flounder (Species Not Specified)	9,699	0.03%
Windowpane Flounder (Sand-Dab/Brill)	17,181	0.05%	Bluefin Tuna	9,265	0.03%
Southern Flounder	13,925	0.04%	Haddock	8,723	0.03%
Albacore Tuna	12,460	0.04%	American Plaice Flounder (DAB)	7,666	0.02%
Shrimp (Species Not Specified)	9,300	0.03%	Shark (Species Not Specified)	6,572	0.02%
American Shad	8,146	0.02%	Spiny Dogfish	5,613	0.02%
Conger Eel	6,482	0.02%	Smooth Dogfish	4,841	0.02%
Wolfish (Ocean Catfish)	5,288	0.02%	Crevalle	4,800	0.02%
American Plaice Flounder (DAB)	5,064	0.02%	Conger Eel	4,619	0.01%
Eel (Species Not Specified)	4,852	0.01%	Eel (Species Not Specified)	4,603	0.01%
Haddock	4,635	0.01%	Redfish (Ocean Perch)	4,008	0.01%
Redfish (Ocean Perch)	3,405	0.01%	Pollock	3,998	0.01%
Bluefin Tuna	3,231	0.01%	Ocean Pout	3,441	0.01%
John Dory	2,625	<0.01%	Sandbar Shark	3,323	0.01%
Shark (Species Not Specified)	2,500	<0.01%	Hagfish	3,250	0.01%
Weakfish (Squeteague/Gray Sea Trout)	2,233	<0.01%	Mako Shark (Shortfin)	2,565	<0.01%
Striped Bass	2,043	<0.01%	Other Finfish	2,285	<0.01%
Spanish Mackerel	1,860	<0.01%	Weakfish (Squeteague/Gray Sea Trout)	1,806	<0.01%
Mako Shark (Shortfin)	1,713	<0.01%	Wolfish (Ocean Catfish)	1,755	<0.01%
Pollock	1,544	<0.01%	Sea Robins	1,631	<0.01%
Sea Raven	1,227	<0.01%	Striped Bass	1,571	<0.01%
Dolphin Fish (Mahi-Mahi)	1,219	<0.01%	Spanish Mackerel	1,500	<0.01%
Seatrout, NK	1,109	<0.01%	Mako Shark (Species Not Specified)	1,222	<0.01%
Fourspot Flounder	1,077	<0.01%	Dolphin Fish (Mahi-Mahi)	1,184	<0.01%
Sandbar Shark	935	<0.01%	Sea Raven	1,183	<0.01%
Ocean Pout	810	<0.01%	Swordfish	1,046	<0.01%
Thresher Shark	600	<0.01%	Seatrout, NK	1,004	<0.01%
Smooth Dogfish	490	<0.01%	Cusk	887	<0.01%
Cusk	319	<0.01%	Dogfish (Species Not Specified)	725	<0.01%
Mako Shark (Species Not Specified)	292	<0.01%	American Shad	584	<0.01%
Spot	250	<0.01%	Tautog	414	<0.01%
Spotted Weakfish (Spotted Sea Trout)	247	<0.01%	Gizzard Shad	400	<0.01%
Tautog	219	<0.01%	Rough Scad	400	<0.01%
Sea Robins	211	<0.01%	Fourspot Flounder	320	<0.01%
Wahoo	179	<0.01%	Little Tuna	300	<0.01%
Cunner	145	<0.01%	Cunner	278	<0.01%
Bonito	125	<0.01%	Spotted Weakfish (Spotted Sea Trout)	253	<0.01%
Hagfish	100	<0.01%	Escolar	190	<0.01%
Opah (Moonfish)	100	<0.01%	Mullets	150	<0.01%
Mako Shark (Longfin)	94	<0.01%	Porbeagle Shark	79	<0.01%
Blacktip Shark	83	<0.01%	Thresher Shark	74	<0.01%
Porbeagle Shark	66	<0.01%	Blue Shark	60	<0.01%
Sturgeon (Species Not Specified)	50	<0.01%	Bonito	46	<0.01%
Tuna (Species Not Specified)	25	<0.01%	Bait	30	<0.01%
Octopus (Species Not Specified)	12	<0.01%	Chub Mackerel	30	<0.01%
Chub Mackerel	5	<0.01%	Other Invertebrates	30	<0.01%
Triggerfish	5	<0.01%	Atlantic Halibut	15	<0.01%
Frigate Mackerel	3	<0.01%	Tuna (Species Not Specified)	12	<0.01%
Blue Shark	1	<0.01%	Octopus (Species Not Specified)	7	<0.01%
Grand Total	33,509,613		Triggerfish	3	<0.01%
			King Mackerel	2	<0.01%
			Grand Total	31,259,108	

Sum of landings within gray shaded area equal 90% or greater of total landings for that year.

Table 14e. Total federally-reportable landings (pounds) for finfish and squid species and proportion of total catch for each species (Source: 2002-2003 NMFS Vessel Trip Report Catch Data for Area 537)

2002			2003		
Species Name	Total Pounds	% of total annual catch	Species Name	Total Pounds	% of total annual catch
Atlantic Mackerel	12,234,891	31.02%	Loligo Squid	4,103,396	19.16%
Atlantic Herring	8,761,230	22.21%	Monkfish (Anglerfish/Goosefish)	3,942,691	18.41%
Loligo Squid	5,207,349	13.20%	Atlantic Herring	3,446,645	16.10%
Silver Hake (Whiting)	3,397,982	8.61%	Skate	2,227,457	10.40%
Skate	2,442,064	6.19%	Silver Hake (Whiting)	1,789,161	8.36%
Monkfish (Anglerfish/Goosefish)	2,353,377	5.97%	Atlantic Mackerel	1,218,612	5.69%
Summer Flounder (Fluke)	945,521	2.40%	Summer Flounder (Fluke)	939,349	4.39%
Golden Tilefish	682,356	1.73%	Golden Tilefish	700,255	3.27%
Scup (Porgy)	639,218	1.62%	Skate Wings	447,289	2.09%
Yellowtail Flounder	594,144	1.51%	White Hake	377,265	1.76%
Red Hake (Ling)	427,664	1.08%	Winter Flounder (Blackback)	358,450	1.67%
Winter Flounder (Blackback)	399,650	1.01%	Butterfish	317,585	1.48%
Butterfish	351,292	0.89%	Red Hake (Ling)	286,804	1.34%
Skate Wings	198,760	0.50%	Yellowtail Flounder	204,789	0.96%
Black Sea Bass	136,218	0.35%	Monk Tails	190,465	0.89%
Bluefish	115,435	0.29%	Scup (Porgy)	148,481	0.69%
King Whiting (Kingfish)	70,571	0.18%	King Whiting (Kingfish)	106,886	0.50%
White Hake	60,112	0.15%	Haddock	99,157	0.46%
Spiny Dogfish	54,933	0.14%	Cod	86,406	0.40%
Monk Tails	52,164	0.13%	Monk Livers	73,902	0.35%
Illex Squid	48,524	0.12%	Hagfish	50,000	0.23%
Monk Livers	42,212	0.11%	John Dory	41,606	0.19%
Cod	40,292	0.10%	Witch Flounder (Gray Sole)	38,471	0.18%
Haddock	23,290	0.06%	Black Sea Bass	35,422	0.17%
Atlantic Croaker	18,339	0.05%	Bluefish	33,273	0.16%
Shrimp (Pandalid)	18,136	0.05%	Black Whiting	29,046	0.14%
Witch Flounder (Gray Sole)	15,226	0.04%	Winter Skate	24,900	0.12%
John Dory	14,430	0.04%	American Plaice Flounder (DAB)	19,832	0.09%
Weakfish (Squeteague/Gray Sea Trout)	11,570	0.03%	Shrimp (Pandalid)	13,885	0.06%
Black Whiting	11,477	0.03%	Illex Squid	11,055	0.05%
Windowpane Flounder (Sand-Dab/Brill)	11,092	0.03%	Squid (Species Not Specified)	6,334	0.03%
Striped Bass	8,260	0.02%	Windowpane Flounder (Sand-Dab/Brill)	5,558	0.03%
Tilefish	5,687	0.01%	Eel (Species Not Specified)	4,801	0.02%
Yellowfin Tuna	4,164	0.01%	Weakfish (Squeteague/Gray Sea Trout)	3,879	0.02%
American Plaice Flounder (DAB)	4,020	0.01%	Pollock	3,597	0.02%
Spotted Weakfish (Spotted Sea Trout)	3,694	<0.01%	Striped Bass	2,442	0.011%
Smooth Dogfish	3,625	<0.01%	Tilefish	2,355	0.011%
Seatrout, NK	3,197	<0.01%	Crevalle	2,100	0.010%
Bluefin Tuna	3,027	<0.01%	Blueline Tilefish	2,090	0.010%
Crevalle	3,000	<0.01%	Conger Eel	1,889	<0.01%
Conger Eel	2,900	<0.01%	Spiny Dogfish	1,400	<0.01%
Eel (Species Not Specified)	2,843	<0.01%	Flounder (Species Not Specified)	1,269	<0.01%
Albacore Tuna	2,576	<0.01%	Yellowfin Tuna	1,193	<0.01%
Dolphin Fish (Mahi-Mahi)	2,542	<0.01%	Fourspot Flounder	920	<0.01%
Hake (Species Not Specified)	2,379	<0.01%	Winter Skate Wings	878	<0.01%
Shrimp (Panaeid)	2,100	<0.01%	Blue Back Herring	815	<0.01%
American Eel	1,750	<0.01%	Smooth Dogfish	769	<0.01%
Southern Flounder	1,550	<0.01%	Dolphin Fish (Mahi-Mahi)	725	<0.01%
Big Eye Tuna	1,455	<0.01%	Hake (Species Not Specified)	705	<0.01%
Pollock	1,122	<0.01%	Little Skate	703	<0.01%
Sea Robins	1,030	<0.01%	Sand Tilefish	675	<0.01%
Swordfish	950	<0.01%	Bluefin Tuna	639	<0.01%
Ocean Pout	819	<0.01%	Albacore Tuna	623	<0.01%
Flounder (Species Not Specified)	637	<0.01%	Wolfish (Ocean Catfish)	405	<0.01%
Fourspot Flounder	565	<0.01%	Ocean Pout	381	<0.01%
Spot	450	<0.01%	Triggerfish	375	<0.01%
Bonito	431	<0.01%	American Shad	325	<0.01%
Mako Shark (Shortfin)	344	<0.01%	Sea Robins	282	<0.01%
Tautog	276	<0.01%	Spotted Weakfish (Spotted Sea Trout)	271	<0.01%
Sandbar Shark	213	<0.01%	Tautog	205	<0.01%
American Shad	199	<0.01%	Blue Shark	200	<0.01%
Squid (Species Not Specified)	150	<0.01%	Porbeagle Shark	179	<0.01%
Northern Puffer	75	<0.01%	Seatrout, NK	156	<0.01%
Cunner	60	<0.01%	Sea Raven	112	<0.01%
Other Finfish	59	<0.01%	Redfish (Ocean Perch)	104	<0.01%
Cobia	45	<0.01%	Cusk	82	<0.01%
Sea Raven	43	<0.01%	Mako Shark (Species Not Specified)	60	<0.01%
Mako Shark (Species Not Specified)	40	<0.01%	Bonito	45	<0.01%
Tuna (Species Not Specified)	25	<0.01%	Black Bellied Rosefish	33	<0.01%
Cusk	24	<0.01%	Atlantic Halibut	30	<0.01%
Triggerfish	15	<0.01%	Chub Mackerel	25	<0.01%
Wolfish (Ocean Catfish)	15	<0.01%	Blacktip Shark	20	<0.01%
Other Finfish	20	<0.01%	Cunner	1	<0.01%
Grand Total	39,445,875		Grand Total	21,412,205	

Sum of landings within gray shaded area equal 90% or greater of total landings for that year.

Table 14f. Total federally-reportable landings (pounds) for finfish and squid species and proportion of total catch for each species (Source: 2004 NMFS Vessel Trip Report Catch Data for Area 537)

2004			2004		
Species Name	Total Pounds	% of total annual catch	Species Name	Total Pounds	% of total annual catch
Atlantic Mackerel	7,693,885	24.11%	Smooth Dogfish	3,020	<0.01%
Loligo Squid	5,844,575	18.31%	Hake (Species Not Specified)	2,705	<0.01%
Monkfish (Anglerfish/Goosefish)	3,756,672	11.77%	Pollock	2,596	<0.01%
Silver Hake (Whiting)	2,966,072	9.29%	Cunner	2,568	<0.01%
Skate	2,356,682	7.38%	Fourspot Flounder	1,810	<0.01%
Atlantic Herring	2,276,408	7.13%	American Plaice Flounder (DAB)	1,790	<0.01%
Golden Tilefish	1,599,004	5.01%	Atlantic Croaker	1,637	<0.01%
Summer Flounder (Fluke)	1,464,102	4.59%	Eel (Species Not Specified)	1,603	<0.01%
Skate Wings	550,162	1.72%	Weakfish (Squeteague/Gray Sea Trout)	1,494	<0.01%
Red Hake (Ling)	424,033	1.33%	Conger Eel	1,257	<0.01%
Illex Squid	406,200	1.27%	Striped Bass	1,065	<0.01%
White Hake	369,905	1.16%	Dolphin Fish (Mahi-Mahi)	911	<0.01%
Scup (Porgy)	353,584	1.11%	Tilefish	807	<0.01%
Winter Flounder (Blackback)	261,292	0.82%	Shark (Species Not Specified)	800	<0.01%
Butterfish	219,677	0.69%	Blueline Tilefish	730	<0.01%
King Whiting (Kingfish)	186,096	0.58%	Sea Robins	641	<0.01%
Monk Tails	159,873	0.50%	Tautog	636	<0.01%
Little Skate	156,200	0.49%	Mako Shark (Shortfin)	600	<0.01%
Black Whiting	130,405	0.41%	Dogfish (Species Not Specified)	490	<0.01%
Bluefish	103,276	0.32%	Little Tuna	420	<0.01%
Yellowtail Flounder	103,216	0.32%	Shrimp (Panaeid)	375	<0.01%
Monk Livers	97,291	0.30%	Sand Tilefish	352	<0.01%
Black Sea Bass	58,676	0.18%	Little Skate Wings	300	<0.01%
Winter Skate	58,575	0.18%	Seatrout, NK	259	<0.01%
Cod	51,737	0.16%	Grouper (Species Not Specified)	250	<0.01%
Haddock	40,882	0.13%	Sea Raven	236	<0.01%
Bait	33,000	0.10%	Flounder (Species Not Specified)	230	<0.01%
Winter Skate Wings	31,200	0.10%	Other Invertebrates	197	<0.01%
Spiny Dogfish	26,747	0.08%	Ocean Pout	193	<0.01%
John Dory	17,452	0.05%	Spotted Weakfish (Spotted Sea Trout)	154	<0.01%
Yellowfin Tuna	15,300	0.05%	Porbeagle Shark	130	<0.01%
Squid (Species Not Specified)	15,000	0.05%	Bonito	118	<0.01%
Big Eye Tuna	12,890	0.04%	Shrimp (Species Not Specified)	100	<0.01%
Witch Flounder (Gray Sole)	9,187	0.03%	Wahoo	100	<0.01%
American Shad	9,101	0.03%	Atlantic Halibut	45	<0.01%
Albacore Tuna	5,530	0.017%	Wolffish (Ocean Catfish)	40	<0.01%
Swordfish	5,400	0.017%	Tuna (Species Not Specified)	32	<0.01%
Bluefin Tuna	4,820	0.015%	Redfish (Ocean Perch)	30	<0.01%
Shrimp (Pandalid)	4,055	0.013%	Skipjack Tuna	30	<0.01%
Windowpane Flounder (Sand-Dab/Brill)	3,110	0.010%	Other Finfish	3	<0.01%
			Grand Total	31,912,026	

Sum of landings within gray shaded area equal 90% or greater of total landings for that year.

Table 15a. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 1994-1995

1994				1995			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Albacore Tuna	32,091	\$0.91	\$29,202.81	Albacore Tuna	26,845	\$0.85	\$22,818.25
American Eel	800	N/A		American Lobster	1,965,426	\$3.95	\$7,763,432.70
American Plaice Flounder (DAB)	1,351,023	\$3.65	\$4,931,233.95	American Plaice Flounder (DAB)	16,180	\$1.34	\$21,681.20
American Shad	13,278	\$1.15	\$15,269.70	American Shad	834	\$0.60	\$500.40
American Shad	2,011	\$0.65	\$1,307.15	Atlantic Halibut	60	\$2.86	\$171.60
Atlantic Herring ¹	1,036,400	\$0.05	\$47,199.04	Atlantic Herring ¹	5,505,545	\$0.05	\$247,749.53
Atlantic Mackerel	1,571,045	\$0.35	\$549,865.75	Atlantic Mackerel	4,875,109	\$0.55	\$2,681,309.95
Big Eye Tuna	49,680	\$3.20	\$158,976.00	Bay Scallop ¹	389	\$7.50	\$2,917.50
Black Sea Bass	6,467	\$2.29	\$14,809.43	Big Eye Tuna	46,711	\$2.88	\$134,527.68
Black Whiting	520,588	N/A		Black Sea Bass	32,662	\$2.22	\$72,509.64
Blue Back Herring ^{1,2}	70	\$0.05	\$3.50	Black Whiting	466,301	N/A	
Blue Crab ^{3,4}	14,886	\$0.38	\$5,710.03	Blue Back Herring ^{1,2}	7,000	\$0.05	\$350.00
Bluefin Tuna	16,649	\$11.37	\$189,299.13	Blue Crab ^{3,4}	4,663	\$0.30	\$1,398.90
Bluefish	437,467	\$0.24	\$104,992.08	Bluefin Tuna	4,754	\$13.59	\$64,606.86
Bonito	1,405	\$0.73	\$1,025.65	Bluefish	265,674	\$0.35	\$92,985.90
Butterfish	1,188,713	\$0.45	\$534,920.85	Bonito	1,150	\$0.88	\$1,012.00
Channeled Whelk	1,240	\$1.56	\$1,934.40	Butterfish	1,576,820	\$0.38	\$599,191.60
Chub Mackerel	5,460	N/A		Channeled Whelk	1,483	\$1.59	\$2,357.97
Cod	118,899	\$1.17	\$139,111.83	Chub Mackerel ³	17,328	\$0.27	\$4,678.56
Conger Eel ¹	352	\$0.21	\$72.26	Cod	245,243	\$1.15	\$282,029.45
Crab (Species Not Specified) ³	5,001	\$0.38	\$1,918.30	Conger Eel ¹	4,606	\$0.53	\$2,441.18
Cunner	27	\$0.38	\$10.26	Crab (Species Not Specified) ³	58,323	\$0.30	\$17,496.90
Cusk	28	\$0.59	\$16.52	Cunner ¹	45	\$0.28	\$12.60
Dogfish (Species Not Specified)	92,070	\$0.17	\$15,651.90	Cusk	1,635	\$0.60	\$981.00
Dolphin Fish (Mahi-Mahi)	2,481	\$1.36	\$3,374.16	Dogfish (Species Not Specified)	115,582	\$0.13	\$15,025.66
Dusky Shark ⁴	441	\$0.74	\$326.34	Dolphin Fish (Mahi-Mahi)	4,320	\$1.01	\$4,363.20
Eel (Species Not Specified) ^{1,5}	102	\$0.21	\$20.94	Eel (Species Not Specified) ^{1,5}	4,342	\$0.53	\$2,301.26
Flounder (Species Not Specified) ^{1,4}	28,387	\$1.07	\$30,335.24	Flounder (Species Not Specified)	33,599	\$0.93	\$31,247.07
Fourspot Flounder ^{1,4}	940	\$1.07	\$1,004.51	Fourspot Flounder ^{1,4}	815	\$0.93	\$757.95
Haddock	16,410	\$0.54	\$8,836.15	Frigate Mackerel	130	N/A	
Hake (Species Not Specified) ¹	13	N/A		Frigate Mackerel	2	N/A	
Hickory Shad	512,931	\$0.74	\$379,030.50	Gizzard Shad	2,319	\$1.59	\$3,687.21
Illex Squid ¹	2,286	\$0.60	\$1,371.60	Haddock	135,007	\$1.00	\$135,007.00
John Dory	97,638	\$0.43	\$41,984.34	Hake (Species Not Specified)	542,614	\$0.85	\$461,221.90
Jonah Crab	6	\$0.75	\$4.52	Illex Squid ¹	26,072	\$0.56	\$14,600.32
King Mackerel ¹				Jonah Crab	166,893	\$0.63	\$105,142.59

Table 15a. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 1994-1995

1994				1995			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
King Whiting (Kingfish) ¹	301,045	\$0.40	\$120,418.00	King Mackerel ¹	30	\$1.63	\$48.90
Loligo Squid	7,889,974	\$0.62	\$4,891,783.88	King Whiting (Kingfish) ¹	695,390	\$1.00	\$695,390.00
Mako Shark (Longfin)	475	\$1.75	\$831.25	Loligo Squid	5,430,481	\$0.58	\$3,149,678.98
Mako Shark (Shortfin)	1,293	\$0.96	\$1,241.28	Mako Shark (Longfin) ¹	145	\$1.35	\$195.75
Mako Shark (Species Not Specified)	138	\$1.75	\$241.50	Mako Shark (Shortfin)	2,164	\$1.11	\$2,402.04
Monk Livens	13,443	N/A		Mako Shark (Species Not Specified) ¹	362	\$1.35	\$488.70
Monk Tails	27,673	N/A		Monk Livens	33,545	N/A	
Monkfish (Anglerfish/Goosefish) ¹	2,729,225	\$0.53	\$1,443,492.36	Monk Tails	73,343	N/A	
Ocean Pout	1,305	\$0.17	\$221.85	Monkfish (Anglerfish/Goosefish) ¹	4,385,905	\$0.63	\$2,763,120.15
Other Finfish	20,660	\$0.52	\$10,743.20	Ocean Pout	19,978	\$0.19	\$3,795.82
Pollock	314	\$0.83	\$260.62	Other Finfish	51,726	\$0.40	\$20,690.40
Red Hake (Ling)	351,486	\$0.42	\$147,624.12	Pollock	12,286	\$0.95	\$11,671.70
Redfish (Ocean Perch)	2,345	\$0.58	\$1,360.10	Porbeagle Shark ¹	1,027	\$0.58	\$595.66
Rock Crab ³	42,750	\$0.39	\$16,715.87	Red Crab Crab ^{3,4}	12,362	\$1.22	\$15,081.64
Sand Tiger Shark ⁴	35	\$0.74	\$25.90	Red Hake (Ling)	845,477	\$0.34	\$287,462.18
Sandbar Shark ⁴	3,273	\$0.74	\$2,422.02	Redfish (Ocean Perch)	10,641	\$0.66	\$7,023.06
Scup (Porgy)	969,108	\$0.99	\$959,416.92	Rock Crab ^{3,4}	92,181	\$1.22	\$112,460.82
Sea Raven ¹	79	\$0.10	\$7.71	Scallops - Shells	100	N/A	
Sea Robins ¹	163	\$0.13	\$21.73	Sculpins ¹	375	\$0.19	\$71.25
Sea Scallop	30,300	\$5.60	\$169,680.00	Scup (Porgy)	734,564	\$1.51	\$1,109,191.64
Shark (Species Not Specified)	938	\$0.74	\$694.12	Sea Raven ¹	253	\$0.66	\$166.98
Shrimp (Pandalid)	720	\$0.81	\$583.20	Sea Robins	1,221	\$0.20	\$244.20
Silver Hake (Whiting)	4,495,746	\$0.36	\$1,618,468.56	Sea Scallop	35,627	\$5.61	\$199,867.47
Skate	2,094,350	\$0.54	\$1,130,949.00	Seatrout, NK	1,080	N/A	
Skate Wings	12,898	N/A		Shark (Species Not Specified)	11,807	\$0.98	\$11,570.86
Smooth Dogfish	200	\$0.35	\$70.00	Sharpnose Shark ⁴	180	\$0.98	\$176.40
Spiny Dogfish	1,314,463	\$0.15	\$197,169.45	Shrimp (Pandalid)	7,998	\$0.70	\$5,598.60
Spotted Weakfish (Spotted Sea Trout) ^{3,4}	71	\$0.94	\$66.58	Silver Hake (Whiting)	7,026,700	\$0.39	\$2,740,413.00
Squid (Species Not Specified) ¹	1,493,763	\$0.53	\$796,229.35	Skate	2,761,886	\$0.46	\$1,270,467.56
Striped Bass ¹	388	\$1.51	\$585.88	Skate Wings	46,076	N/A	
Summer Flounder (Fluke)	661,278	\$1.67	\$1,104,334.26	Smooth Dogfish ¹	3,070	\$2.20	\$6,754.00
Surf Clam - Bushel	1,908	\$0.91	\$1,736.28	Spiny Dogfish	1,122,475	\$0.22	\$246,944.50
Swordfish	14,701	\$4.32	\$63,508.32	Spotted Weakfish (Spotted Sea Trout) ^{1,4}	2,169	\$0.76	\$1,648.44
Tautog	2,101	\$0.74	\$1,554.74	Squid (Species Not Specified)	1,780,471	\$0.92	\$1,638,033.32
Tilefish	47,271	\$1.46	\$69,015.66	Striped Bass	909	\$1.38	\$1,254.42
Triggerfish	53	N/A		Summer Flounder (Fluke)	1,722,608	\$2.04	\$3,514,120.32

Table 15a. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 1994-1995

1994				1995			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Tuna (Species Not Specified) ¹	233	\$3.80	\$885.85	Surf Clam	78,100	\$0.17	\$13,277.00
Weakfish (Squeteague/Gray Sea Trout) ³	759	\$0.94	\$711.80	Swordfish	22,777	\$4.22	\$96,118.94
Whelk (Conch Species Not Specified)	35	\$1.27	\$44.45	Tautog	3,193	\$0.81	\$2,586.33
White Hake	819,833	\$0.68	\$557,486.44	Thresher Shark ¹	311	\$0.37	\$115.07
Windownpane Flounder (Sand-Dab/Brill)	36,693	\$0.52	\$19,080.36	Tilefish	1,026,906	\$1.13	\$1,160,403.78
Winter Flounder (Blackback)	395,110	\$1.35	\$533,398.50	Triggerfish	18	N/A	
Witch Flounder (Gray Sole)	103,220	\$1.57	\$162,055.40	Tuna (Species Not Specified) ¹	1,441	\$2.44	\$3,516.04
Wolffish (Ocean Catfish)	423	\$0.47	\$198.81	Wahoo ¹	226	\$1.32	\$298.32
Yellowfin Tuna	35,783	\$2.43	\$86,952.69	Weakfish (Squeteague/Gray Sea Trout) ¹	6,217	\$0.76	\$4,724.92
Yellowtail Flounder	102,591	\$1.28	\$131,316.48	Whelk (Conch Species Not Specified) ⁶	40,797	\$1.27	\$51,812.19
Grand Total	31,147,995		\$21,452,577	White Hake	848,086	\$0.82	\$695,430.52
				Windownpane Flounder (Sand-Dab/Brill)	52,106	\$0.56	\$29,179.36
				Winter Flounder (Blackback)	411,772	\$1.37	\$564,127.64
				Witch Flounder (Gray Sole)	51,605	\$1.82	\$93,921.10
				Wolffish (Ocean Catfish)	9,771	\$0.53	\$5,178.63
				Yellowfin Tuna	138,594	\$2.17	\$300,748.98
				Yellowtail Flounder	164,530	\$1.42	\$233,632.60
				Grand Total	45,939,543		\$33,862,216

* Source: NMFS VTR data for Area 537

** Source: Price data obtained from NOAA dealer database and averaged from Dukes, Barnstable, Nantucket, Plymouth and Bristol counties unless indicated by another footnote.

¹ Price data were obtained from the Massachusetts-wide landings data available on NOAA Fisheries website.

² Used data for Atlantic herring.

³ Price data were obtained from the Rhode Island-wide landings data available on NOAA Fisheries website.

⁴ The dollar amount is from unspecified species (i.e. not genus and species name).

⁵ Used data for conger eel.

⁶ Used price from 1994

Table 15b. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 1996-1997

1996				1997			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Albacore Tuna ¹	3,722	\$0.55	\$2,047.10	Albacore Tuna	3,780	\$0.86	\$3,250.80
American Eel ¹	1,030	\$0.68	\$700.40	American Lobster	3,037,752	\$4.21	\$12,788,935.92
American Lobster	2,309,457	\$3.95	\$9,122,355.15	American Plaice Flounder (DAB)	11,830	\$1.45	\$17,153.50
American Plaice Flounder (DAB)	52,671	\$1.35	\$71,105.85	American Shad	1,330	\$0.68	\$904.40
American Shad	489	\$0.75	\$366.75	Atlantic Halibut	12	\$3.21	\$38.52
Atlantic Croaker	200	N/A		Atlantic Herring ¹	10,382,565	\$0.05	\$519,128.25
Atlantic Halibut	1,000	\$3.35	\$3,350.00	Atlantic Mackerel	3,008,088	\$0.34	\$1,022,749.92
Atlantic Herring ¹	13,914,398	\$0.05	\$695,719.90	Bait	1,500	N/A	
Atlantic Mackerel	5,801,529	\$0.43	\$2,494,657.47	Big Eye Tuna	10,680	\$2.03	\$21,680.40
Bay Scallop ¹	314	\$1.60	\$502.40	Black Sea Bass	44,513	\$2.27	\$101,044.51
Big Eye Tuna	12,425	\$2.03	\$25,222.75	Black Whiting	110	N/A	
Black Bellied Rosefish ³	22	\$1.00	\$22.00	Blue Back Herring ^{1,2}	1,610	\$0.05	\$80.50
Black Sea Bass	53,349	\$2.39	\$127,504.11	Blue Crab ^{1,4}	17,244	\$0.46	\$7,932.24
Black Whiting	85,632	N/A		Blue Shark ⁴	1	\$0.60	\$0.60
Blue Crab ^{1,4}	7,680	\$0.50	\$3,840.00	Bluefin Tuna	1,842	\$9.25	\$17,038.50
Blue Crab - Bushel	19	N/A		Bluefish	223,293	\$0.29	\$64,754.97
Blue Shark ³	161	\$0.06	\$9.66	Bonito ¹	891	\$0.75	\$668.25
Bluefin Tuna	5,002	\$9.78	\$48,919.56	Bull Shark ⁴	264	\$0.60	\$158.40
Bluefish	316,922	\$0.29	\$91,907.38	Butterfish	2,285,717	\$0.37	\$845,715.29
Bonito ¹	325	\$0.69	\$224.25	Calico Scallop ^{1,5}	6,218	\$6.64	\$41,287.52
Butterfish	1,678,105	\$0.31	\$520,212.55	Channeled Whelk	5,467	\$1.56	\$8,528.52
Cancer Crab ^{1,4}	250	\$0.50	\$125.00	Chub Mackerel ³	20	\$0.16	\$3.20
Channeled Whelk	3,921	\$1.51	\$5,920.71	Cod	61,124	\$1.10	\$67,236.40
Chub Mackerel ³	435	\$0.22	\$95.70	Conger Eel ¹	3,047	\$0.45	\$1,371.15
Cod	174,080	\$1.15	\$200,192.00	Crab (Species Not Specified) ¹	24,205	\$0.46	\$11,134.30
Conger Eel ¹	3,231	\$0.21	\$678.51	Cunner ¹	500	\$0.36	\$180.00
Crab (Species Not Specified) ¹	99,002	\$0.50	\$49,501.00	Cusk	181	\$0.57	\$103.17
Cunner ¹	25	\$0.28	\$7.00	Dogfish (Species Not Specified)	87,782	\$1.00	\$87,782.00
Cusk	2,719	\$0.62	\$1,685.78	Dolphin Fish (Mahi-Mahi)	2,348	\$1.78	\$4,179.44
Dogfish (Species Not Specified) ³	296,529	\$0.17	\$50,409.93	Dusky Shark ³	160	\$0.72	\$115.20
Dolphin Fish (Mahi-Mahi)	391	\$1.16	\$453.56	Eel (Species Not Specified) ^{1,6}	1,635	\$1.25	\$2,043.75
Eel (Species Not Specified) ^{1,6}	8,470	\$0.68	\$5,759.60	Flounder (Species Not Specified) ^{1,7}	55,732	\$2.05	\$114,250.60
Flounder (Species Not Specified) ^{1,7}	151,121	\$2.12	\$320,376.52	Fourspot Flounder ^{1,7}	710	\$2.05	\$1,455.50
Fourspot Flounder ^{1,7}	4,075	\$2.12	\$8,639.00	Haddock	2,629	\$1.41	\$3,706.89
Greenland Halibut ^{1,8}	250	\$2.54	\$635.00	Hake (Species Not Specified) ¹	53,566	\$0.39	\$20,890.74
Haddock	421	\$1.45	\$610.45	Illex Squid ^{1,4}	757,936	\$1.04	\$788,253.44
Hake (Species Not Specified) ³	86,124	\$0.31	\$26,698.44	John Dory ¹	13,506	\$0.75	\$10,129.50
Horseshoe Crab ¹	13	\$0.62	\$8.06	Jonah Crab	942,428	\$0.51	\$480,638.28
Illex Squid ^{1,4}	1,199,671	\$0.97	\$1,163,680.87	King Mackerel ¹	208	\$1.60	\$332.80

Table 15b. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 1996-1997

1996				1997			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
John Dory ¹	20,524	\$0.42	\$8,620.08	King Whiting (Kingfish)	159	\$0.10	\$15.90
Jonah Crab	469,916	\$0.58	\$272,551.28	Knobbed Whelk	569	\$1.25	\$711.25
King Mackerel ¹	350	\$1.50	\$525.00	Loligo Squid	4,589,031	\$0.61	\$2,799,308.91
King Whiting (Kingfish)	146,200	\$0.96	\$140,352.00	Mako Shark (Longfin)	168	\$0.75	\$126.00
Knobbed Whelk	390	\$1.20	\$468.00	Mako Shark (Shortfin)	235	\$1.17	\$274.95
Loligo Squid	4,879,523	\$0.73	\$3,562,051.79	Mako Shark (Species Not Specified) ¹	567	\$1.25	\$708.75
Mako Shark (Longfin)	169	\$1.63	\$275.47	Monk Livens	107,672	N/A	
Mako Shark (Shortfin)	957	\$1.62	\$1,550.34	Monk Tails	268,224	N/A	
Marlin (Species Not Specified)	85	N/A		Monkfish (Anglerfish/Goosefish) ¹	4,443,799	\$0.57	\$2,532,965.43
Menhaden	1,000	N/A		Ocean Pout	626	\$0.26	\$162.76
Monk Livens	53,436	N/A		Other Finfish	24,905	\$1.08	\$26,897.40
Monk Tails	82,993	N/A		Other Invertebrates	300	N/A	
Monkfish (Anglerfish/Goosefish) ¹	5,080,805	\$0.58	\$2,946,866.90	Pollock	1,941	\$0.66	\$1,281.06
Ocean Pout	83	\$0.28	\$23.24	Porbeagle Shark	384	\$1.21	\$464.64
Other Finfish	48,624	\$0.98	\$47,651.52	Red Crab ^{1,4}	120	\$0.46	\$55.20
Pollock	6,912	\$0.85	\$5,875.20	Red Hake (Ling)	792,585	\$0.25	\$198,146.25
Porbeagle Shark ¹	946	\$0.72	\$681.12	Redfish (Ocean Perch)	915	\$0.61	\$558.15
Red Crab ^{1,4}	480	\$0.50	\$240.00	Rock Crab ^{1,4}	80,022	\$0.46	\$36,810.12
Red Hake (Ling)	683,752	\$0.28	\$191,450.56	Sandbar Shark ³	32	\$0.07	\$2.24
Redfish (Ocean Perch)	11,522	\$0.66	\$7,604.52	Scup (Porgy)	274,745	\$1.52	\$417,612.40
Rock Crab	75,377	\$0.40	\$30,150.80	Sea Raven	264	\$0.33	\$87.12
Sandbar Shark ⁴	1,752	\$0.75	\$1,314.00	Sea Robins	1,267	\$0.13	\$164.71
Sculpins ¹	5,600	\$0.40	\$2,240.00	Sea Scallop	83,949	\$6.97	\$585,124.53
Scup (Porgy)	608,499	\$1.21	\$736,283.79	Seatrout, NK	2,496	N/A	
Sea Raven ³	223	\$0.88	\$196.24	Shark (Species Not Specified)	226	\$0.60	\$135.60
Sea Robins	350	\$0.15	\$52.50	Shrimp (Pandalid) ^{1,9}	37,456	\$0.70	\$26,219.20
Sea Scallop	115,643	\$6.10	\$705,422.30	Shrimp (Species Not Specified) ^{1,9}	2,100	\$0.70	\$1,470.00
Sea Urchins	8	\$0.75	\$6.00	Silver Hake (Whiting)	7,945,340	\$0.38	\$3,019,229.20
Seatrout, NK	2,535	N/A		Skate	6,902,689	\$0.34	\$2,346,914.26
Shark (Species Not Specified)	30	\$0.75	\$22.50	Skate Wings ¹⁰	106,418	\$0.34	\$36,182.12
Shrimp (Pandalid)	31,487	\$0.63	\$19,836.81	Skipjack Tuna ^{1,4}	8	\$2.16	\$17.25
Silver Hake (Whiting)	8,594,140	\$0.38	\$3,265,773.20	Smooth Dogfish ¹	371	\$0.23	\$85.33
Skate	4,590,493	\$0.47	\$2,157,531.71	Spiny Dogfish	967,899	\$0.16	\$154,863.84
Skate Wings ¹⁰	59,190	\$0.47	\$27,819.30	Spotted Weakfish (Spotted Sea Trout) ^{1,4}	124	\$0.13	\$16.12
Skipjack Tuna ³	30	\$0.50	\$15.00	Squid (Species Not Specified) ¹	1,341,932	\$1.04	\$1,395,609.28
Smooth Dogfish	7,868	\$0.33	\$2,596.44	Striped Bass	837	\$1.41	\$1,180.17
Spiny Dogfish	1,263,732	\$0.21	\$265,383.72	Summer Flounder (Fluke)	831,980	\$2.07	\$1,722,198.60
Spotted Weakfish (Spotted Sea Trout) ^{1,4}	1,226	\$0.80	\$980.80	Surf Clam	143,200	\$0.85	\$121,720.00
Squid (Species Not Specified)	614,174	\$0.70	\$429,921.80	Swordfish	12,083	\$2.72	\$32,865.76
Striped Bass	880	\$1.38	\$1,214.40	Tautog	1,069	\$1.07	\$1,143.83
Summer Flounder (Fluke)	1,285,215	\$2.23	\$2,866,029.45	Thresher Shark	73	\$2.33	\$170.09

Table 15b. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 1996-1997

1996				1997			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Surf Clam - Bushel	110	\$0.88	\$96.80	Tilefish	1,743,495	\$1.29	\$2,249,108.55
Swordfish	12,392	\$4.02	\$49,815.84	Triggerfish	30	N/A	
Tautog	4,135	\$0.88	\$3,638.80	Wahoo ³	34	\$1.26	\$42.84
Thresher Shark ¹	150	\$44.00	\$6,600.00	Weakfish (Squeteague/Gray Sea Trout) ¹	3,265	\$0.13	\$424.45
Tiger Shark ⁴	45	\$0.75	\$33.75	Whelk (Conch Species Not Specified)	3,202	\$1.59	\$5,091.18
Tilefish ¹	951,928	\$0.98	\$932,889.44	White Hake	630,432	\$0.83	\$523,258.56
Triggerfish	70	N/A		White Marlin	70	N/A	
Tuna (Species Not Specified)	3	\$3.73	\$11.19	Windowpane Flounder (Sand-Dab/Brill)	23,029	\$0.57	\$13,126.53
Wahoo ¹	120	\$1.00	\$120.00	Winter Flounder (Blackback)	494,866	\$1.45	\$717,555.70
Weakfish (Squeteague/Gray Sea Trout) ¹	9,792	\$0.80	\$7,833.60	Witch Flounder (Gray Sole)	43,650	\$2.00	\$87,300.00
Whelk (Conch Species Not Specified) ¹¹	665	\$1.59	\$1,057.35	Wolffish (Ocean Catfish)	239	\$0.51	\$121.89
White Hake	914,684	\$0.80	\$731,747.20	Yellowfin Tuna	35,393	\$2.61	\$92,375.73
Windowpane Flounder (Sand-Dab/Brill)	673,265	\$0.46	\$310,303.65	Yellowtail Flounder	277,101	\$1.48	\$410,109.48
Winter Flounder (Blackback)	58,349	\$1.96	\$114,364.04	Grand Total	53,276,010		\$36,614,871
Witch Flounder (Gray Sole)	7,140	\$10.70	\$76,398.00				
Wolffish (Ocean Catfish)	44,080	\$2.24	\$98,739.20				
Yellowfin Tuna	358,749	\$1.42	\$509,423.58				
Yellowtail Flounder							
Grand Total	58,142,287		\$36,265,304				

* Source: NMFS VTR data for Area 537

** Source: Price data obtained from NOAA dealer database and averaged from Dukes, Barnstable, Nantucket, Plymouth and Bristol counties unless indicated by another footnote.

¹ Price data were obtained from the Massachusetts-wide landings data available on NOAA Fisheries website.

² Used data for Atlantic herring.

³ Price data were obtained from the Rhode Island-wide landings data available on NOAA Fisheries website.

⁴ The dollar amount is from unspecified species (i.e. not genus and species name).

⁵ Used data for Sea Scallop.

⁶ Used price for American Eel

⁷ Used price for Summer Flounder.

⁸ Used price for Atlantic Halibut

⁹ Used price for Shrimp, Marine, Other

¹⁰ Used price for Skate Wings

¹¹ Price from 1997 was used.

Table 15c. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 1998-1999

1998				1999			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Albacore Tuna	17,651	\$0.51	\$9,002.01	Albacore Tuna ¹	4,330	0.45	\$1,948.50
American Lobster	2,602,481	\$4.35	\$11,320,792.35	American Lobster	2,995,387	4.49	\$13,449,287.63
American Plaice Flounder (DAB)	8,568	\$1.42	\$12,166.56	American Plaice Flounder (DAB)	20,996	1.27	\$26,664.92
American Shad	32,408	\$0.51	\$16,528.08	American Shad	1,710	0.13	\$222.30
Atlantic Herring	5,228,357	\$0.05	\$261,417.85	Atlantic Croaker	75	0.50	\$37.50
Atlantic Mackerel	584,932	\$0.34	\$198,876.88	Atlantic Herring	8,282,320	0.08	\$662,585.60
Big Eye Tuna	17,355	\$3.11	\$53,974.05	Atlantic Mackerel	1,177,579	0.39	\$459,255.81
Black Sea Bass	38,970	\$2.26	\$88,072.20	Big Eye Tuna	11,638	3.68	\$42,827.84
Black Whiting	89,195	N/A		Black Sea Bass	93,266	2.08	\$193,993.28
Blue Back Herring ^{1,2}	1,415	\$0.05	\$70.75	Black Whiting	173,801	N/A	
Blue Crab ¹	11,929	\$0.40	\$4,771.60	Blue Back Herring ²	570	0.08	\$45.60
Blue Shark	66	\$0.71	\$46.86	Blue Crab	8,101	0.45	\$3,645.45
Bluefin Tuna	1,396	\$6.19	\$8,641.24	Blue Crab - Bushel	432	N/A	
Bluefish ¹	165,869	\$0.43	\$71,323.67	Bluefin Tuna	16,282	7.95	\$129,441.90
Bonito	2,986	\$1.17	\$3,493.62	Bluefish	181,985	0.29	\$52,775.65
Butterfish	1,451,897	\$0.49	\$711,429.53	Bonito	2,625	1.48	\$3,885.00
Channeled Whelk	3,402	\$1.79	\$6,089.58	Butterfish	1,119,224	0.52	\$581,996.48
Cod	70,616	\$1.28	\$90,388.48	Calico Scallop ⁵	6	7.29	\$43.74
Conger Eel	4,909	\$0.48	\$2,356.32	Channeled Whelk ⁴	8,036	0.84	\$6,750.24
Crab (Species Not Specified)	65,226	\$0.40	\$26,090.40	Chub Mackerel	210	N/A	
Cunner	125	\$0.27	\$33.75	Cod	79,577	1.37	\$109,020.49
Cusk	275	\$0.59	\$162.25	Conger Eel	6,580	0.58	\$3,816.40
Dogfish (Species Not Specified) ¹	49,358	\$1.35	\$66,633.30	Crab (Species Not Specified)	127,849	0.45	\$57,532.05
Dolphin Fish (Mahi-Mahi) ¹	2,560	\$1.45	\$3,712.00	Cunner	1,424	0.37	\$526.88
Eel (Species Not Specified) ^{1,7}	3,907	\$0.48	\$1,875.36	Cusk	96	0.73	\$70.08
Flounder (Species Not Specified) ⁸	67,616	\$1.92	\$129,822.72	Dogfish (Species Not Specified) ^{3,6}	193,348	0.15	\$29,002.20
Fourspot Flounder ⁸	7,845	\$1.92	\$15,062.40	Dolphin Fish (Mahi-Mahi) ¹	3,128	2.47	\$7,726.16
Haddock	2,655	\$1.46	\$3,876.30	Eel (Species Not Specified) ^{1,7}	1,651	0.58	\$957.58
Hake (Species Not Specified) ^{1,9}	125,890	\$0.50	\$62,945.00	Flounder (Species Not Specified) ⁸	26,568	2.09	\$55,527.12
Horseshoe Crab	400	\$0.98	\$392.00	Fourspot Flounder ⁸	2,965	2.09	\$6,196.85
Illex Squid ^{1,4}	667,376	\$0.89	\$593,964.64	Haddock	13,528	1.49	\$20,156.72
John Dory ¹	9,835	\$0.26	\$2,557.10	Hake (Species Not Specified) ^{1,9}	93,709	0.62	\$58,099.58
Jonah Crab	1,319,390	\$0.49	\$646,501.10	Horseshoe Crab ¹	300	0.55	\$165.00
King Whiting (Kingfish)	44,050	\$1.31	\$57,705.50	Illex Squid ^{1,4}	118,238	0.66	\$78,037.08
Little Tuna	32	\$0.26	\$8.32	John Dory	13,895	0.36	\$5,002.20
Loligo Squid	7,188,567	\$0.97	\$6,972,909.99	Jonah Crab	1,537,743	0.51	\$784,248.93
Lumpfish	12	\$0.48	\$5.76	King Mackerel ¹	1	1.86	\$1.86
Mako Shark (Longfin)	1	\$1.19	\$1.19	King Whiting (Kingfish)	145,746	0.90	\$131,171.40

Table 15c. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 1998-1999

1998				1999			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Mako Shark (Shortfin)	221	\$1.15	\$254.15	Knobbed Whelk ¹¹	21	1.34	\$28.14
Mako Shark (Species Not Specified)	464	\$1.40	\$649.60	Little Tuna	10	0.26	\$2.60
Monk Livers	86,713	N/A		Loligo Squid	6,605,265	0.78	\$5,152,106.70
Monk Tails	399,199	N/A		Mako Shark (Shortfin)	249	1.26	\$313.74
Monkfish (Anglerfish/Goosefish)	3,326,552	\$1.27	\$4,224,721.04	Mako Shark (Species Not Specified)	125	0.13	\$16.25
Mussels	85	N/A		Monk Livers	108,215	N/A	
Ocean Pout	700	\$0.53	\$371.00	Monk Tails	240,587	N/A	
Other Finfish	21,190	\$0.52	\$11,018.80	Monkfish (Anglerfish/Goosefish)	4,683,593	1.64	\$7,681,092.52
Pollock	30,749	\$0.74	\$22,754.26	Mulletts	30	N/A	
Porbeagle Shark	787	\$0.90	\$708.30	Ocean Pout	2,434	0.50	\$1,217.00
Red Crab ^{1,4}	127,620	\$0.40	\$51,048.00	Opah (Moonfish)	1	1.75	\$1.75
Red Hake (Ling)	966,293	\$0.29	\$280,224.97	Other Finfish	11,465	0.58	\$6,649.70
Redfish (Ocean Perch)	431	\$0.59	\$254.29	Other Invertebrates	400	N/A	
Rock Crab ^{1,4}	152,098	\$0.40	\$60,839.20	Pollock	8,019	0.85	\$6,816.15
Rough Scad	6	N/A		Porbeagle Shark ⁴	80	1.44	\$115.20
Scup (Porgy)	378,902	\$1.84	\$697,179.68	Red Crab	892,368	0.45	\$401,565.60
Sea Raven ¹	970	\$0.15	\$145.50	Red Hake (Ling)	1,176,482	0.34	\$400,003.88
Sea Robins ¹	612	\$0.12	\$73.44	Redfish (Ocean Perch)	2,344	0.48	\$1,125.12
Sea Scallop	125,547	\$6.82	\$856,230.54	Rock Crab ^{1,4}	177,309	0.40	\$70,923.60
Seatrout, NK	7,143	N/A		Scallops - Shells	315	N/A	
Shrimp (Pandalid) ^{1,10}	13,445	\$0.77	\$10,352.65	Sculpins	10	N/A	
Shrimp (Species Not Specified) ^{1,10}	1,468	\$0.77	\$1,130.36	Scup (Porgy)	359,034	1.18	\$423,660.12
Silver Hake (Whiting)	7,107,976	\$0.46	\$3,269,668.96	Sea Raven	1,172	0.37	\$433.64
Skate	6,389,164	\$0.38	\$2,427,882.32	Sea Robins	92	0.18	\$16.56
Skate Wings	73,089	N/A		Sea Scallop	133,392	7.29	\$972,427.68
Skipjack Tuna ^{1,4}	531	\$3.07	\$1,631.73	Sea Urchins	1,350	1.03	\$1,390.50
Smooth Dogfish ³	1,505	\$0.28	\$421.40	Seatrout, NK	12,509	N/A	
Spiny Dogfish	705,465	\$0.19	\$134,038.35	Shrimp (Pandalid) ^{1,10}	16,397	0.59	\$9,674.23
Spotted Weakfish (Spotted Sea Trout) ⁴	964	\$1.38	\$1,330.32	Silver Hake (Whiting)	5,895,824	0.39	\$2,299,371.36
Squid (Species Not Specified)	2,370,343	\$0.89	\$2,109,605.27	Skate	4,269,972	0.38	\$1,622,589.36
Striped Bass	2,853	\$1.53	\$4,365.09	Skate Wings	28,364	N/A	
Summer Flounder (Fluke)	813,120	\$1.92	\$1,561,190.40	Skipjack Tuna ^{1,4}	1,077	2.34	\$2,519.93
Surf Clam	222,760	\$0.71	\$158,159.60	Smooth Dogfish ³	2,318	0.16	\$370.88
Swordfish	13,192	\$2.56	\$33,771.52	Soft Clam	4,480		\$0.00
Tautog	1,682	\$1.23	\$2,068.86	Spiny Dogfish	457,039	0.18	\$82,267.02
Thresher Shark ¹	246	\$0.63	\$154.98	Spotted Weakfish (Spotted Sea Trout) ⁴	2,107	1.01	\$2,128.07
Tilefish	1,626,502	\$0.99	\$1,610,236.98	Squid (Species Not Specified)	1,686,433	0.82	\$1,382,875.06
Triggerfish	139	N/A		Striped Bass ¹	3,850	1.56	\$6,006.00
Tuna (Species Not Specified) ¹	87	\$3.07	\$267.09	Summer Flounder (Fluke)	915,555	2.09	\$1,913,509.95

Table 15c. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 1998-1999

1998				1999			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Wahoo ¹	35	\$3.00	\$105.00	Surf Clam	492,956	0.76	\$374,646.56
Weakfish (Squeteague/Gray Sea Trout)	5,657	\$1.38	\$7,806.66	Swordfish	8,270	3.41	\$28,200.70
White Hake	1,000,465	\$0.92	\$920,427.80	Tautog	620	1.34	\$830.80
Windowpane Flounder (Sand-Dab/Brill)	9,790	\$0.43	\$4,209.70	Tiger Shark	64	0.52	\$33.28
Winter Flounder (Blackback)	479,586	\$1.45	\$695,399.70	Tilefish	619,539	1.49	\$923,113.11
Witch Flounder (Gray Sole)	39,988	\$1.69	\$67,579.72	Triggerfish	2	N/A	
Wolffish (Ocean Catfish)	932	\$0.62	\$577.84	Tuna (Species Not Specified) ¹	26	2.34	\$60.84
Yellowfin Tuna	20,814	\$2.05	\$42,668.70	Wahoo ¹	46	3.00	\$138.00
Yellowtail Flounder	360,348	\$1.44	\$518,901.12	Weakfish (Squeteague/Gray Sea Trout)	15,980	1.01	\$16,139.80
Grand Total	46,777,950		\$41,234,126	Whelk (Conch Species Not Specified)	61	0.84	\$51.24
				White Hake	663,286	0.88	\$583,691.68
				Windowpane Flounder (Sand-Dab/Brill)	13,051	0.33	\$4,306.83
				Winter Flounder (Blackback)	510,104	1.30	\$663,135.20
				Witch Flounder (Gray Sole)	80,935	1.60	\$129,496.00
				Wolffish (Ocean Catfish)	5,234	0.67	\$3,506.78
				Yellowfin Tuna ¹	18,369	2.11	\$38,758.59
				Yellowtail Flounder	802,639	1.24	\$995,272.36
				Grand Total	47,396,388		\$43,165,266

* Source: NMFS VTR data for Area 537

** Source: Price data obtained from NOAA dealer database and averaged from Dukes, Barnstable, Nantucket, Plymouth and Bristol counties unless indicated by another footnote.

¹ Price data were obtained from the Massachusetts-wide landings data available on NOAA Fisheries website.

² Used data for Atlantic herring.

³ Price data were obtained from the Rhode Island-wide landings data available on NOAA Fisheries website.

⁴ The dollar amount is from unspecified species (i.e. not genus and species name).

⁵ Used price for Sea Scallop.

⁶ Used price for Spiny Dogfish

⁷ Used price for Conger Eel

⁸ Used price for Summer Flounder

⁹ Used price for Silver Hake

¹⁰ Used data for Shrimp, Marine, Other

¹¹ Used price from 1998

Table 15d. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 2000-2001

2000				2001			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Albacore Tuna	12,460	\$0.51	\$6,354.60	Albacore Tuna	9,718	1.33	\$12,924.94
American Lobster	2,342,206	\$4.93	\$11,547,075.58	American Lobster	2,193,548	4.64	\$10,178,062.72
American Plaice Flounder (DAB)	5,064	\$1.06	\$5,367.84	American Plaice Flounder (DAB)	7,666	1.04	\$7,972.64
American Shad	8,146	\$0.58	\$4,724.68	American Shad	584	0.18	\$105.12
Atlantic Herring ¹	6,151,077	\$0.06	\$369,064.62	Atlantic Croaker	23,150	N/A	\$42.75
Atlantic Mackerel	720,423	\$0.36	\$259,352.28	Atlantic Halibut	15	2.85	\$781,767.60
Big Eye Tuna	23,929	\$4.14	\$99,066.06	Atlantic Herring	1,302,946	0.60	\$32,856.12
Black Sea Bass	98,905	\$1.83	\$180,996.15	Atlantic Mackerel	99,564	0.33	\$50,367.36
Black Whiting	103,803	N/A		Bait	30	N/A	\$120,360.44
Blacktip Shark ⁴	83	\$0.90	\$74.70	Big Eye Tuna	11,344	4.44	\$50,367.36
Blue Crab ⁴	31,914	\$0.57	\$18,190.98	Black Sea Bass	69,977	1.72	\$120,360.44
Blue Shark ⁴	1	\$0.90	\$0.90	Black Whiting	345,067	N/A	\$25,326.40
Bluefin Tuna	3,231	\$10.45	\$33,763.95	Blue Crab ⁴	46,048	0.55	\$25,326.40
Bluefish	70,595	\$0.42	\$29,649.90	Blue Shark ⁴	60	1.16	\$69.60
Bonito ¹	125	\$2.05	\$256.25	Bluefin Tuna	9,265	7.56	\$70,043.40
Butterfish	503,963	\$0.44	\$221,743.72	Bluefish	88,651	0.42	\$37,233.42
Cancer Crab ⁴	16,061	\$0.57	\$9,154.77	Bonito ³	46	0.14	\$6.44
Channeled Whelk ⁴	18,900	\$1.23	\$23,247.00	Butterfish	5,933,028	0.27	\$1,601,917.56
Chub Mackerel ⁵	5	\$0.38	\$1.90	Channeled Whelk ^{4, 11}	679	1.23	\$835.17
Cod	234,323	\$1.26	\$295,246.98	Chub Mackerel ⁵	30	0.37	\$11.10
Conger Eel	6,482	\$0.55	\$3,565.10	Cod	145,984	1.15	\$167,881.60
Crab (Species Not Specified)	214,913	\$0.57	\$122,500.41	Conger Eel	4,619	0.34	\$1,570.46
Cunner ¹	145	\$0.29	\$42.05	Crab (Species Not Specified)	66,722	0.55	\$36,697.10
Cusk	319	\$1.60	\$510.40	Crevalle	4,800	N/A	\$667.20
Dogfish (Species Not Specified) ¹	30,076	\$0.65	\$19,549.40	Cunner ³	278	2.40	\$390.28
Dolphin Fish (Mahi-Mahi)	1,219	\$1.84	\$2,242.96	Cusk	887	0.44	\$390.28
Eel (Species Not Specified) ⁶	4,852	\$0.55	\$2,668.60	Dogfish (Species Not Specified) ³	725	0.11	\$79.75
Flounder (Species Not Specified)	34,586	\$1.66	\$57,412.76	Dolphin Fish (Mahi-Mahi)	1,184	1.58	\$1,870.72
Fourspot Flounder ⁴	1,077	\$1.66	\$1,787.82	Eel (Species Not Specified) ⁶	4,603	0.34	\$1,565.02
Frigate Mackerel	3	N/A		Escolar	190		\$0.00
Golden Tilefish ^{4, 10}	72,513	\$1.49	\$108,044.37	Flounder (Species Not Specified)	9,699	0.67	\$6,498.33
Green Crab ⁴	257,094	\$0.57	\$146,543.58	Fourspot Flounder ⁴	320	0.67	\$214.40
Haddock	4,635	\$1.54	\$7,137.90	Gizzard Shad	400	N/A	\$47,617.98
Hagfish ¹	100	\$0.26	\$26.00	Golden Tilefish ^{1,4}	50,877	0.94	\$60,225.55
Hake (Species Not Specified) ³	85,771	\$0.29	\$24,873.59	Green Crab ⁴	109,501	0.55	\$11,776.05
Horseshoe Crab	410	N/A		Haddock	8,723	1.35	\$11,776.05
Illex Squid ^{1,4}	519,001	\$0.53	\$275,070.53	Hagfish	3,250	N/A	\$12,106.63
John Dory ³	2,625	\$0.34	\$892.50	Hake (Species Not Specified) ³	41,747	0.29	\$12,008.40
Jonah Crab	1,796,458	\$0.53	\$952,122.74	Illex Squid ^{1,4}	30,021	0.40	\$2,497.32
Jonah Crab - Bushel	8,050	\$0.53	\$4,266.50	John Dory ¹	17,838	0.14	\$2,497.32
King Whiting (Kingfish)	411,447	\$0.45	\$185,151.15	Jonah Crab	1,809,063	0.56	\$1,013,075.28

Table 15d. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 2000-2001

2000				2001			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Lolligo Squid	4,074,037	\$0.63	\$2,566,643.31	King Mackerel ³	2	1.77	\$3.54
Mako Shark (Longfin) ⁴	94	\$0.64	\$60.16	King Whiting (Kingfish) ³	421,214	0.38	\$160,061.32
Mako Shark (Shortfin)	1,713	\$1.00	\$1,713.00	Knobbed Whelk ¹²	1,500	1.26	\$1,890.00
Mako Shark (Species Not Specified) ¹	292	\$0.64	\$186.88	Little Tuna	300	0.07	\$21.00
Monk Livers	92,838	N/A		Lolligo Squid	4,840,273	0.62	\$3,000,969.26
Monk Tails	186,612	N/A		Mako Shark (Shortfin)	2,565	1.50	\$3,847.50
Monkfish (Anglerfish/Goosefish)	2,967,150	\$1.88	\$5,578,242.00	Mako Shark (Species Not Specified) ¹	1,222	0.66	\$806.52
Ocean Pout	810	\$0.40	\$324.00	Monk Livers	66,030	N/A	
Octopus (Species Not Specified)	12	N/A		Monk Tails	143,518	N/A	
Opah (Moonfish)	19,253	\$1.13	\$21,755.89	Monkfish (Anglerfish/Goosefish)	2,652,873	1.60	\$4,244,596.80
Other Finfish	1,544	\$0.82	\$1,266.08	Mullets	150	N/A	
Pollock	66	\$0.90	\$59.40	Ocean Pout	3,441	0.13	\$447.33
Porbeagle Shark ⁴	12,928	N/A		Octopus (Species Not Specified)	7	N/A	
Quahogs/Bushel	2,957	\$0.79	\$2,336.03	Other Finfish	2,285	0.89	\$2,033.65
Razor Clam ^{1,7}	280	\$0.69	\$193.20	Other Invertebrates	30	N/A	
Red Crab ¹	1,288,277	\$0.42	\$541,076.34	Pollock	3,998	0.74	\$2,958.52
Red Hake (Ling)	3,405	\$0.49	\$1,668.45	Porbeagle Shark	79	0.85	\$67.15
Redfish (Ocean Perch)	275,366	\$0.49	\$134,929.34	Red Crab ^{1,4}	621,558	0.71	\$441,306.18
Rock Crab ^{1,4}	935	\$0.90	\$841.50	Red Hake (Ling)	1,163,311	0.36	\$418,791.96
Sandbar Shark ⁴	3,574	N/A		Redfish (Ocean Perch)	4,008	0.49	\$1,963.92
Scallops - Shells	252,315	\$1.46	\$368,379.90	Rock Crab	271,525	0.50	\$135,762.50
Scup (Porgy)	1,227	\$0.42	\$515.34	Rough Scad	400	N/A	
Sea Raven ³	211	\$0.13	\$27.43	Sandbar Shark	3,323	0.26	\$863.98
Sea Robins ³	137,357	\$5.91	\$811,779.87	Scup (Porgy)	121,748	0.92	\$112,008.16
Sea Scallop	1,109	N/A		Sea Raven ³	1,183	0.49	\$579.67
Seatrout, NK	2,500	\$0.90	\$2,250.00	Sea Robins ³	1,631	0.11	\$179.41
Shark (Species Not Specified)	25,074	\$0.69	\$17,301.06	Sea Scallop	31,840	4.13	\$131,499.20
Shrimp (Pandalid) ^{1,8}	9,300	\$0.69	\$6,417.00	Seatrout, NK	1,004	N/A	
Shrimp (Species Not Specified) ^{1,8}	7,721,278	\$0.38	\$2,934,085.64	Shark (Species Not Specified)	6,572	1.16	\$7,623.52
Silver Hake (Whiting)	3,820,212	\$0.37	\$1,413,478.44	Shrimp (Pandalid) ^{1,8}	13,530	0.75	\$10,147.50
Skate	81,416	N/A		Silver Hake (Whiting)	6,900,733	0.38	\$2,622,278.54
Skate Wings	490	\$0.65	\$318.50	Skate	3,934,398	0.28	\$1,101,631.44
Smooth Dogfish ^{1,4}	19,760	\$0.79	\$15,610.40	Skate Wings	174,332	N/A	
Soft Clam ^{1,7}	13,925	\$1.66	\$23,115.50	Smooth Dogfish ^{3,4}	4,841	0.11	\$532.51
Southern Flounder ⁴	1,860	\$1.00	\$1,860.00	Spanish Mackerel	1,500	0.30	\$450.00
Spanish Mackerel ³	224,029	\$0.23	\$51,526.67	Spiny Dogfish	5,613	0.22	\$1,234.86
Spiny Dogfish	250	N/A		Spotted Weakfish (Spotted Sea Trout) ⁴	253	0.81	\$204.93
Spot	247	\$0.76	\$187.72	Squid (Species Not Specified)	56,856	0.34	\$19,331.04
Spotted Weakfish (Spotted Sea Trout) ⁴	900,298	\$0.35	\$315,104.30	Striped Bass ¹	1,571	2.27	\$3,566.17
Squid (Species Not Specified)				Summer Flounder (Fluke)	692,776	1.97	\$1,364,768.72

Table 15d. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 2000-2001

2000				2001			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Striped Bass ¹	2,043	\$2.86	\$5,842.98	Surf Clam	13,580	0.79	\$10,728.20
Sturgeon (Species Not Specified)	50	N/A		Swordfish	1,046	3.23	\$3,378.58
Summer Flounder (Fluke)	679,049	\$1.84	\$1,249,450.16	Tautog	414	1.12	\$463.68
Swordfish	33,334	\$3.40	\$113,335.60	Thresher Shark ⁴	74	1.16	\$85.84
Tautog	219	\$1.39	\$304.41	Tilefish ¹	358,470	0.94	\$336,961.80
Thresher Shark ⁴	600	\$0.90	\$540.00	Triggerfish	3	N/A	
Tilefish ¹	399,570	\$1.79	\$715,230.30	Tuna (Species Not Specified) ¹	12	3.25	\$39.00
Triggerfish	5	N/A		Weakfish (Squeteague/Gray Sea Trout)	1,806	0.96	\$1,733.76
Tuna (Species Not Specified)	25	\$3.55	\$88.75	White Hake	39,080	0.64	\$25,011.20
Wahoo ³	179	\$2.10	\$375.90	Windowpane Flounder (Sand-Dab/Brill)	14,064	0.31	\$4,359.84
Weakfish (Squeteague/Gray Sea Trout)	2,233	\$0.93	\$2,076.69	Winter Flounder (Blackback)	641,765	0.98	\$628,929.70
White Hake	38,545	\$0.69	\$26,596.05	Witch Flounder (Gray Sole)	48,091	1.23	\$59,151.93
Windowpane Flounder (Sand-Dab/Brill)	17,181	\$0.26	\$4,467.06	Wolfish (Ocean Catfish)	1,755	0.56	\$982.80
Winter Flounder (Blackback)	816,095	\$1.10	\$897,704.50	Yellowfin Tuna	18,417	3.65	\$67,222.05
Witch Flounder (Gray Sole)	43,440	\$1.35	\$58,644.00	Yellowtail Flounder	679,255	0.96	\$652,084.80
Wolfish (Ocean Catfish)	5,288	\$0.60	\$3,172.80	Grand Total	36,424,672		\$29,880,205
Yellowfin Tuna	30,772	\$2.16	\$66,467.52				
Yellowtail Flounder	637,122	\$1.00	\$637,122.00				
Grand Total	38,647,841		\$33,612,413				

* Source: NMFS VTR data for Area 537

** Source: Price data obtained from NOAA dealer database and averaged from Dukes, Barnstable, Nantucket, Plymouth and Bristol counties unless indicated by another footnote.

¹ Price data were obtained from the Massachusetts-wide landings data available on NOAA Fisheries website.

² Used data for Atlantic herring.

³ Price data were obtained from the Rhode Island-wide landings data available on NOAA Fisheries website.

⁴ The dollar amount is from unspecified species (i.e. not genus and species name).

⁵ Used price for Atlantic Mackerel.

⁶ Used price for Conger Eel

⁷ Used price for Atlantic Surf Clam

⁸ Used price for Shrimp, Marine, Other

⁹ Used price for Summer Flounder

¹⁰ Used price from 1999

¹¹ Used price from 2000

¹² Used price from 2002

Table 15e. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 2002-2003

2002				2003			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Albacore Tuna	2,576	\$0.50	\$1,288.00	Albacore Tuna	623	0.79	\$492.17
American Eel ⁵	1,750	\$0.40	\$700.00	American Lobster	1,557,302	4.93	\$7,677,498.86
American Lobster	1,818,759	\$4.39	\$7,984,352.01	American Plaice Flounder (DAB)	19,832	1.23	\$24,393.36
American Plaice Flounder (DAB)	4,020	\$1.10	\$4,422.00	American Shad	325	0.98	\$318.50
American Shad	199	\$0.15	\$29.85	Atlantic Halibut	30	3.61	\$108.30
Atlantic Croaker	18,339	N/A		Atlantic Herring	3,446,645	0.05	\$172,332.25
Atlantic Herring ¹	8,761,230	\$0.06	\$525,673.80	Atlantic Mackerel	1,218,612	0.29	\$353,397.48
Atlantic Mackerel	12,234,891	\$0.41	\$5,016,305.31	Black Bellied Rosefish	33	N/A	
Big Eye Tuna	1,455	\$3.73	\$5,427.15	Black Sea Bass	35,422	1.72	\$60,925.84
Black Sea Bass	136,218	\$1.61	\$219,310.98	Black Whiting	29,046	N/A	
Black Whiting	11,477	N/A		Blacktip Shark ^{1,4}	20	0.53	\$10.60
Blue Crab ^{1,4}	1,167	\$0.55	\$641.85	Blue Back Herring ²	815	0.05	\$40.75
Bluefin Tuna	3,027	\$7.95	\$24,064.65	Blue Crab ⁴	71,162	0.55	\$39,139.10
Bluefish	115,435	\$0.50	\$57,717.50	Blue Crab - Bushel ⁴	31,176	0.55	\$17,146.80
Bonito	431	\$2.18	\$939.58	Blue Shark ^{1,4}	200	0.53	\$106.00
Butterfish	351,292	\$0.41	\$144,029.72	Bluefin Tuna	639	6.93	\$4,428.27
Channeled Wheelk ¹¹	1,127	\$2.20	\$2,479.40	Bluefish	33,273	0.50	\$16,636.50
Cobia	45	N/A		Blueline Tilefish ⁴	2,090	0.73	\$1,525.70
Cod	40,292	\$1.31	\$52,782.52	Bonito	45	1.93	\$86.85
Conger Eel	2,900	\$0.40	\$1,160.00	Butterfish	317,585	0.47	\$149,264.95
Crab (Species Not Specified)	2,391	\$0.40	\$956.40	Channeled Wheelk	614	2.20	\$1,350.80
Crevalle	3,000	N/A		Chub Mackerel ²	25	0.05	\$1.25
Cunner ³	60	\$2.47	\$148.20	Cod	86,406	1.45	\$125,288.70
Cusk	24	\$0.55	\$13.20	Conger Eel	1,889	0.35	\$661.15
Dolphin Fish (Mahi-Mahi)	2,542	\$1.23	\$3,126.66	Crab (Species Not Specified)	367	0.35	\$128.45
Eel (Species Not Specified) ⁵	2,843	\$0.40	\$1,137.20	Crevalle	2,100	N/A	
Flounder (Species Not Specified) ^{1,6}	637	\$1.60	\$1,019.20	Cunner	1	1.07	\$1.07
Fourspot Flounder ^{1,6}	565	\$1.60	\$904.00	Cusk	82	0.55	\$45.10
Golden Tilefish ^{1,7}	682,356	\$1.96	\$1,337,417.76	Dolphin Fish (Mahi-Mahi)	725	1.78	\$1,290.50
Haddock	23,290	\$1.37	\$31,907.30	Eel (Species Not Specified)	4,801	0.86	\$4,128.86
Hake (Species Not Specified) ^{1,8}	2,379	\$0.40	\$951.60	Flounder (Species Not Specified) ^{1,6}	1,269	1.91	\$2,423.79
Illex Squid ^{1,4}	48,524	\$0.53	\$25,717.72	Fourspot Flounder ^{1,6}	920	1.91	\$1,757.20
John Dory ¹	14,430	\$0.71	\$10,245.30	Golden Tilefish	700,255	1.05	\$735,267.75
Jonah Crab	2,275,552	\$0.54	\$1,228,798.08	Haddock	99,157	1.44	\$142,786.08
King Whiting (Kingfish)	70,571	\$0.88	\$62,102.48	Hagfish	50,000	N/A	
Knobbed Wheelk	469	\$1.26	\$590.94	Hake (Species Not Specified) ^{1,8}	705	0.43	\$303.15
Loligo Squid	5,207,349	\$0.74	\$3,853,438.26	Illex Squid ^{1,4}	11,055	0.50	\$5,527.50
Mako Shark (Shortfin)	344	\$1.16	\$399.04	John Dory	41,606	0.73	\$30,372.38

Table 15e. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 2002-2003

2002				2003			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Mako Shark (Species Not Specified)	40	\$1.06	\$42.40	Jonah Crab	2,807,916	0.53	\$1,488,195.48
Monk Livers	42,212	N/A		King Whiting (Kingfish)	106,886	0.36	\$38,478.96
Monk Tails	52,164	N/A		Little Skate ⁴	703	0.38	\$267.14
Monkfish (Anglerfish/Goosefish)	2,353,377	\$1.30	\$3,059,390.10	Loligo Squid	4,103,396	0.91	\$3,734,090.36
Northern Puffer	75	N/A		Mako Shark (Species Not Specified)	60	0.14	\$8.40
Ocean Pout ¹	819	\$0.30	\$245.70	Monk Livers	73,902	N/A	
Other Finfish	59	\$0.93	\$54.87	Monk Tails	190,465	N/A	
Pollock	1,122	\$0.82	\$920.04	Monkfish (Anglerfish/Goosefish)	3,942,691	1.26	\$4,967,790.66
Red Crab	1,515,344	\$0.86	\$1,303,195.84	Mussels	25	N/A	
Red Hake (Ling)	427,664	\$0.34	\$145,405.76	Ocean Pout ¹	381	0.18	\$68.58
Rock Crab	195,849	\$0.50	\$97,924.50	Other Finfish	20	0.42	\$8.40
Sandbar Shark ⁴	213	\$0.85	\$181.05	Pollock	3,597	0.53	\$1,906.41
Scup (Porgy)	639,218	\$0.78	\$498,590.04	Porbeagle Shark ^{4,12}	179	0.85	\$152.15
Sea Raven ³	43	\$0.63	\$27.09	Red Crab	1,454,861	1.04	\$1,513,055.44
Sea Robins ³	1,030	\$0.10	\$103.00	Red Hake (Ling)	286,804	0.33	\$94,645.32
Sea Scallop	19,742	\$4.56	\$90,023.52	Redfish (Ocean Perch)	104	0.58	\$60.32
Seatrout, NK	3,197	N/A		Rock Crab	196,678	0.50	\$98,339.00
Shrimp (Panaeid) ^{1,9}	2,100	\$0.89	\$1,869.00	Sand Tilefish	675		\$0.00
Shrimp (Pandalid) ^{1,9}	18,136	\$0.89	\$16,141.04	Scup (Porgy)	148,481	0.75	\$111,360.75
Silver Hake (Whiting)	3,397,982	\$0.39	\$1,325,212.98	Sea Raven ³	112	0.49	\$54.88
Skate	2,442,064	\$0.30	\$732,619.20	Sea Robins ³	282	0.08	\$22.56
Skate Wings	198,760	N/A		Sea Scallop	35,219	5.03	\$177,151.57
Smooth Dogfish	3,625	\$1.00	\$3,625.00	Seatrout, NK	156	1.00	\$156.00
Southern Flounder ¹⁰	1,550	\$1.66	\$2,573.00	Shrimp (Pandalid)	13,885	0.80	\$11,108.00
Spiny Dogfish	54,933	\$0.20	\$10,986.60	Silver Hake (Whiting)	1,789,161	0.55	\$984,038.55
Spot	450	N/A		Skate	2,227,457	0.38	\$846,433.66
Spotted Weakfish (Spotted Sea Trout) ^{1,4}	3,694	\$0.73	\$2,696.62	Skate Wings	447,289	N/A	
Squid (Species Not Specified) ¹	150	\$0.53	\$79.50	Smooth Dogfish ³	769	0.14	\$107.66
Striped Bass ¹	8,260	\$1.81	\$14,949.38	Spiny Dogfish	1,400	0.13	\$182.00
Summer Flounder (Fluke)	945,521	\$1.66	\$1,569,564.86	Spotted Weakfish (Spotted Sea Trout)	271	1.00	\$271.00
Swordfish	950	\$3.65	\$3,467.50	Squid (Species Not Specified) ¹	6,334	0.50	\$3,167.00
Tautog	276	\$1.42	\$391.92	Striped Bass ¹	2,442	1.72	\$4,200.24
Tilefish ¹	5,687	\$1.96	\$11,146.52	Summer Flounder (Fluke)	939,349	1.87	\$1,756,582.63
Triggerfish	15	\$0.64	\$9.60	Tautog	205	1.32	\$270.60
Tuna (Species Not Specified)	25	\$1.80	\$45.00	Tilefish ¹	2,355	0.86	\$2,025.30
Weakfish (Squeteague/Gray Sea Trout) ¹	11,570	\$1.35	\$15,619.50	Triggerfish	375	0.41	\$153.75
Whelk (Conch Species Not Specified) ^{1,1}	75	\$1.98	\$148.50	Weakfish (Squeteague/Gray Sea Trout)	3,879	1.00	\$3,879.00
White Hake	60,112	\$0.71	\$42,679.52	Whelk (Conch Species Not Specified)	88	1.98	\$174.24

Table 15e. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 2002-2003

2002				2003			
Species Name	Total Pounds*	Price per Pound**	Value	Species Name	Total Pounds*	Price per Pound**	Value
Windowpane Flounder (Sand-Dab/Brill)	11,092	\$0.41	\$4,547.72	White Hake	377,265	0.57	\$215,041.05
Winter Flounder (Blackback)	399,650	\$1.17	\$467,590.50	Windowpane Flounder (Sand-Dab/Brill)	5,558	0.32	\$1,778.56
Witch Flounder (Gray Sole)	15,226	\$1.30	\$19,793.80	Winter Flounder (Blackback)	358,450	1.27	\$455,231.50
Wolffish (Ocean Catfish)	15	\$0.69	\$10.35	Winter Skate	24,900	0.42	\$10,458.00
Yellowfin Tuna	4,164	\$2.16	\$8,994.24	Winter Skate Wings	878	N/A	
Yellowtail Flounder	594,144	\$1.11	\$659,499.84	Witch Flounder (Gray Sole)	38,471	1.47	\$56,552.37
Grand Total	45,276,350		\$30,710,563	Wolffish (Ocean Catfish)	405	0.74	\$299.70
				Yellowfin Tuna	1,193	1.86	\$2,218.98
				Yellowtail Flounder	204,789	1.19	\$243,698.91
				Grand Total	27,567,613		\$26,392,871

* Source: NMFS VTR data for Area 537

** Source: Price data obtained from NOAA dealer database and averaged from Dukes, Barnstable, Nantucket, Plymouth and Bristol counties unless indicated by another footnote.

¹ Price data were obtained from the Massachusetts-wide landings data available on NOAA Fisheries website.

² Used data for Atlantic herring.

³ Price data were obtained from the Rhode Island-wide landings data available on NOAA Fisheries website.

⁴ The dollar amount is from unspecified species (i.e. not genus and species name).

⁵ Used for conger eel.

⁶ Used price for Summer Flounder

⁷ Used price for Tilefish

⁸ Used price for Silver Hake

⁹ Used price for Shrimp, Marine, Other

¹⁰ Used price for Summer Flounder

¹¹ Used price from 2003

¹² Used price from 2002

**Table 15f. Estimated Value of Federally-Reportable Commercial Landings
in Area 537 - 2004**

2004		Total Pounds*	Price per Pound**	Value
Species Name				
Albacore Tuna		5,530	\$0.56	\$3,096.80
American Lobster		1,174,236	\$4.84	\$5,683,302.24
American Plaice Flounder (DAB)		1,790	\$1.19	\$2,130.10
American Shad ¹		9,101	\$0.19	\$1,729.19
Atlantic Croaker		1,637	N/A	
Atlantic Halibut		45	\$3.95	\$177.75
Atlantic Herring		2,276,408	\$0.07	\$159,348.56
Atlantic Mackerel		7,693,885	\$0.35	\$2,692,859.75
Bait		33,000	N/A	
Big Eye Tuna		12,890	\$5.51	\$71,023.90
Black Sea Bass		58,676	\$1.88	\$110,310.88
Black Whiting		130,405	N/A	
Blue Crab ³		15,300	\$0.65	\$9,945.00
Bluefin Tuna		4,820	\$7.94	\$38,270.80
Bluefish		103,276	\$0.44	\$45,441.44
Blueline Tilefish ¹		730	\$0.69	\$503.70
Bonito ¹		118	\$2.25	\$265.50
Butterfish		219,677	\$0.42	\$92,264.34
Cancer Crab ^{1,3}		12	\$0.65	\$7.80
Channeled Whelk		1,538	\$2.25	\$3,460.50
Cod		51,737	\$1.62	\$83,813.94
Conger Eel		1,257	\$0.15	\$188.55
Crab (Species Not Specified)		70	\$0.65	\$45.50
Cunner ¹		2,568	\$1.00	\$2,568.00
Dogfish (Species Not Specified) ²		490	\$0.10	\$49.00
Dolphin Fish (Mahi-Mahi)		911	\$1.79	\$1,630.69
Eel (Species Not Specified) ⁴		1,603	\$1.19	\$1,907.57
Flounder (Species Not Specified) ⁵		230	\$1.54	\$354.20
Fourspot Flounder ⁵		1,810	\$1.54	\$2,787.40
Golden Tilefish		1,599,004	\$0.82	\$1,311,183.28
Grouper (Species Not Specified)		250	N/A	
Haddock		40,882	\$1.35	\$55,190.70
Hake (Species Not Specified) ⁶		2,705	\$0.46	\$1,244.30
Illex Squid ^{1,3}		406,200	\$1.00	\$406,200.00
John Dory		17,452	\$0.40	\$6,980.80
Jonah Crab		2,640,256	\$0.29	\$765,674.24
King Whiting (Kingfish)		186,096	\$0.80	\$148,876.80
Little Skate ³		156,200	\$0.39	\$60,918.00

**Table 15f. Estimated Value of Federally-Reportable Commercial Landings
in Area 537 - 2004**

2004			
Species Name	Total Pounds*	Price per Pound**	Value
Little Skate Wings	300	N/A	
Little Tuna ^{1,3}	420	\$0.59	\$247.80
Loligo Squid	5,844,575	\$0.74	\$4,324,985.50
Mako Shark (Shortfin)	600	\$1.27	\$762.00
Monk Livers	97,291	N/A	
Monk Tails	159,873	N/A	
Monkfish (Anglerfish/Goosefish)	3,756,672	\$1.42	\$5,334,474.24
Ocean Pout ¹	193	\$0.10	\$19.30
Other Finfish	3	\$0.36	\$1.08
Other Invertebrates	197	N/A	
Pollock	2,596	\$0.55	\$1,427.80
Porbeagle Shark	130	\$0.36	\$46.80
Red Crab ¹	1,611,004	\$1.07	\$1,723,774.28
Red Hake (Ling)	424,033	\$0.40	\$169,613.20
Redfish (Ocean Perch)	30	\$0.64	\$19.20
Rock Crab ¹	313,617	\$0.56	\$175,625.52
Sand Tilefish ³	352	\$0.55	\$193.60
Scallops - Bushel	425	N/A	
Scup (Porgy)	353,584	\$1.02	\$360,655.68
Sea Raven ²	236	\$0.77	\$181.72
Sea Robins ¹	641	\$0.21	\$134.61
Sea Scallop	242,157	\$5.91	\$1,431,147.87
Seatrout, NK	259	N/A	
Shark (Species Not Specified)	800	\$1.18	\$944.00
Shrimp (Panaeid) ^{1,7}	375	\$0.58	\$217.50
Shrimp (Pandalid) ^{1,7}	4,055	\$0.58	\$2,351.90
Shrimp (Species Not Specified) ^{1,7}	100	\$0.58	\$58.00
Silver Hake (Whiting)	2,966,072	\$0.46	\$1,364,393.12
Skate	2,356,682	\$0.39	\$919,105.98
Skate Wings	550,162	N/A	
Skipjack Tuna ^{1,3}	30	\$0.59	\$17.78
Smooth Dogfish ¹	3,020	\$0.23	\$697.62
Spider Crab ¹	9,450	\$0.88	\$8,316.00
Spiny Dogfish	26,747	\$0.21	\$5,616.87
Spotted Weakfish (Spotted Sea Trout) ^{1,3}	154	\$1.12	\$172.48
Squid (Species Not Specified) ¹	15,000	\$1.00	\$15,000.00
Striped Bass	1,065	\$1.63	\$1,735.95
Summer Flounder (Fluke)	1,464,102	\$1.54	\$2,254,717.08

Table 15f. Estimated Value of Federally-Reportable Commercial Landings in Area 537 - 2004

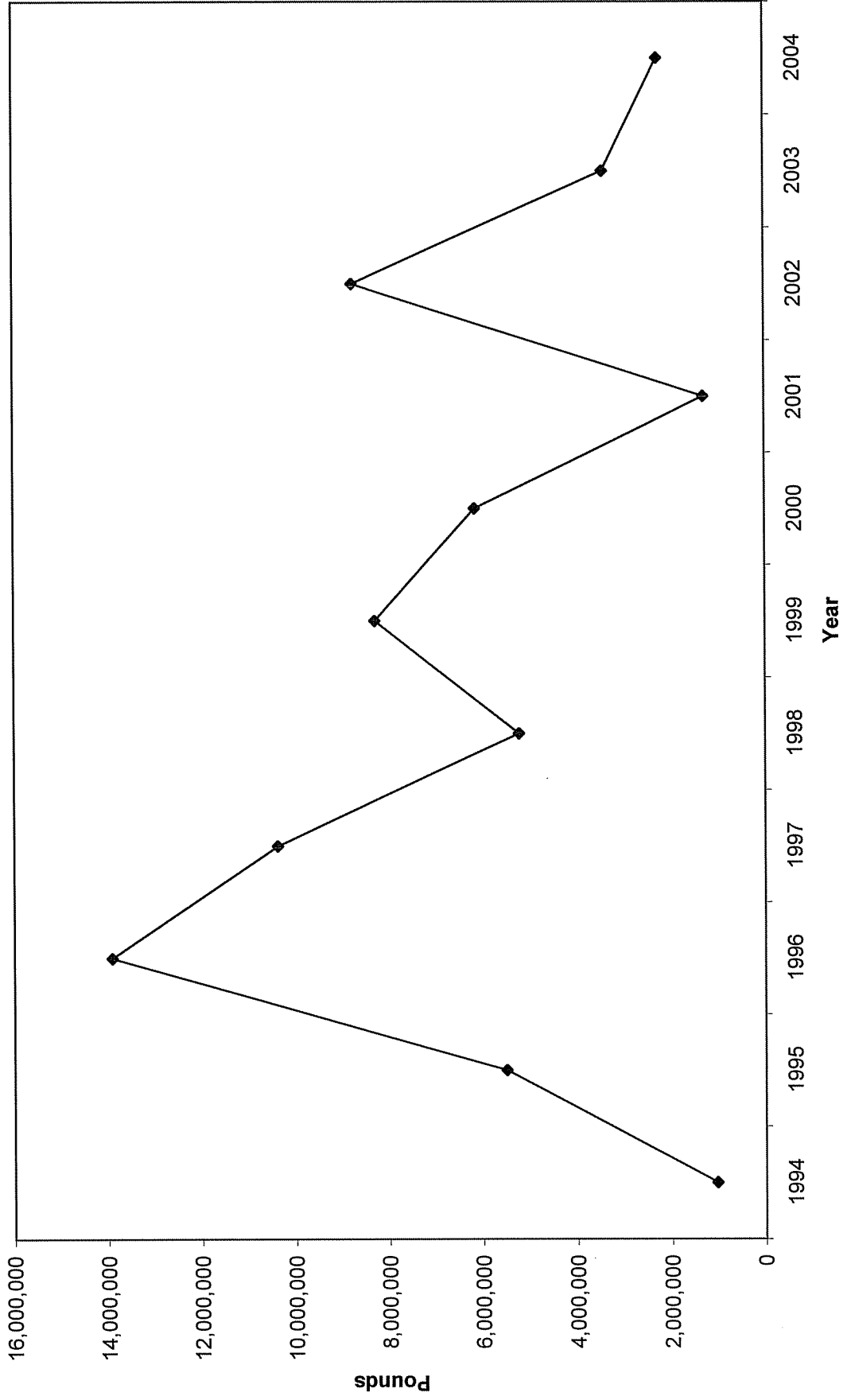
2004			
Species Name	Total Pounds*	Price per Pound**	Value
Swordfish	5,400	\$3.87	\$20,898.00
Tautog	636	\$1.52	\$966.72
Tilefish	807	\$0.98	\$790.86
Tuna (Species Not Specified) ¹	32	\$0.59	\$18.88
Wahoo ¹	100	\$1.85	\$185.00
Weakfish (Squeteague/Gray Sea Trout)	1,494	\$1.12	\$1,673.28
Whelk (Conch Species Not Specified) ⁸	57	\$1.98	\$112.86
White Hake	369,905	\$0.82	\$303,322.10
Windupane Flounder (Sand-Dab/Brill)	3,110	\$0.35	\$1,088.50
Winter Flounder (Blackback)	261,292	\$1.32	\$344,905.44
Winter Skate	58,575	\$0.47	\$27,530.25
Winter Skate Wings	31,200	N/A	
Witch Flounder (Gray Sole)	9,187	\$1.40	\$12,861.80
Wolffish (Ocean Catfish)	40	\$0.69	\$27.60
Yellowfin Tuna	15,300	\$2.75	\$42,075.00
Yellowtail Flounder	103,216	\$1.19	\$122,827.04
Grand Total	37,920,148		\$30,739,689

* Source: NMFS VTR data for Area 537

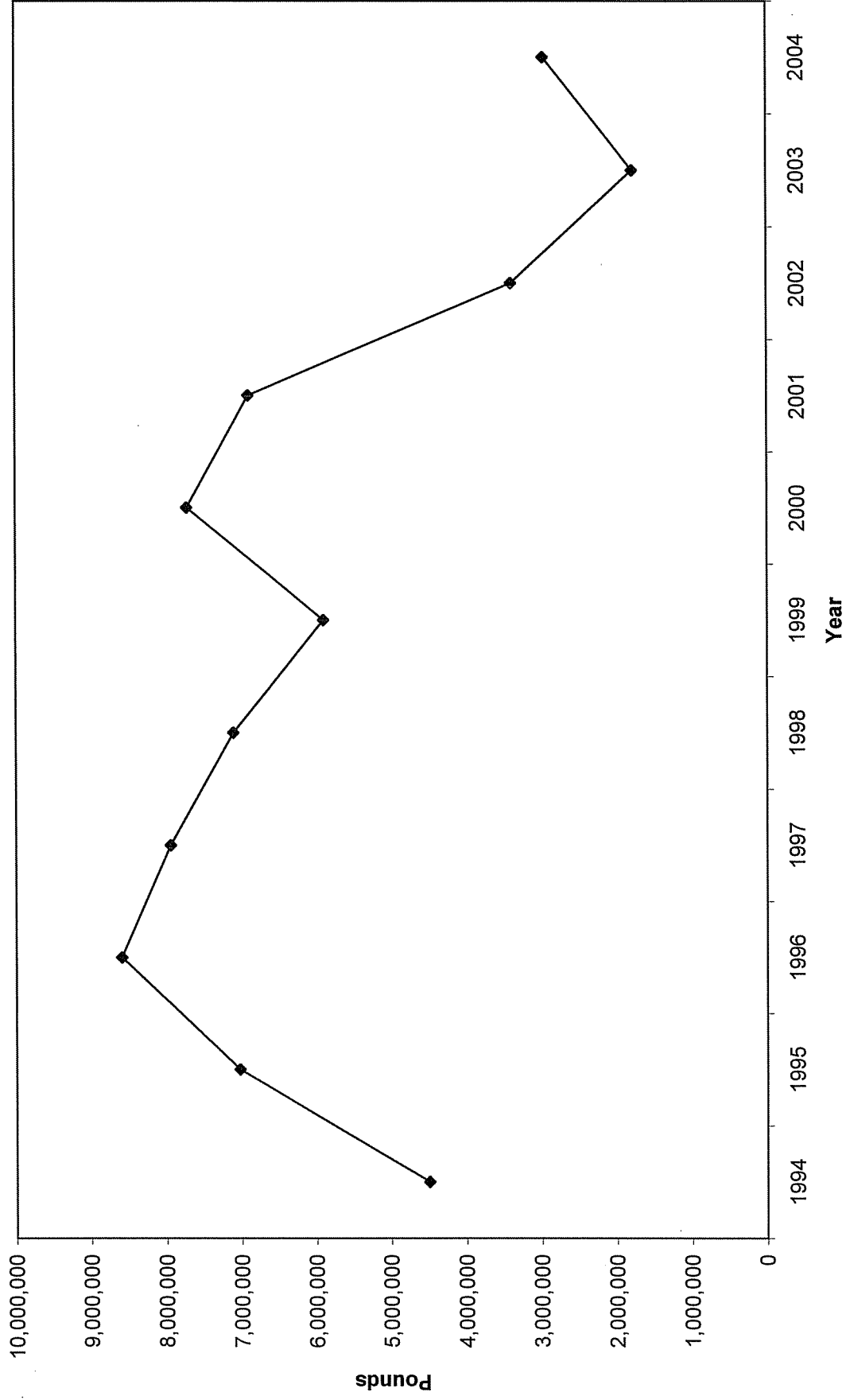
** Source: Price data obtained from NOAA dealer database and averaged from Dukes, Barnstable, Nantucket, Plymouth and Bristol counties unless indicated by another footnote.

- ¹ Price data were obtained from the Massachusetts-wide landings data available on NOAA Fisheries website.
- ² Price data were obtained from the Rhode Island-wide landings data available on NOAA Fisheries website.
- ³ The dollar amount is from unspecified species (i.e. not genus and species name).
- ⁴ Used price for American Eel
- ⁵ Used price for Summer Flounder
- ⁶ Used price for Silver Hake
- ⁷ Used price for Shrimp, Marine, Other
- ⁸ Used price data from 2003

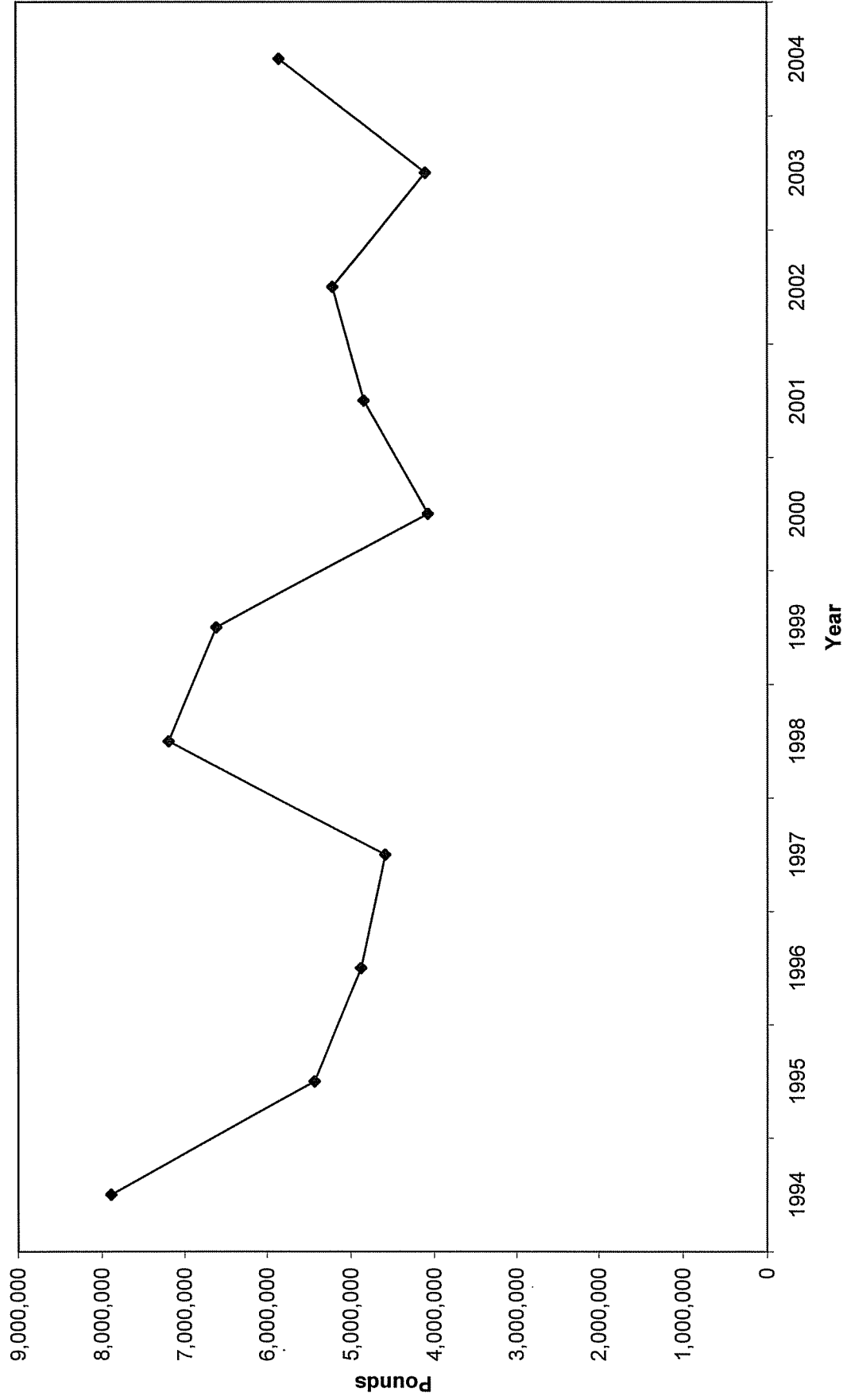
Federally-Reportable Atlantic Herring Landings in Area 537: 1994-2004



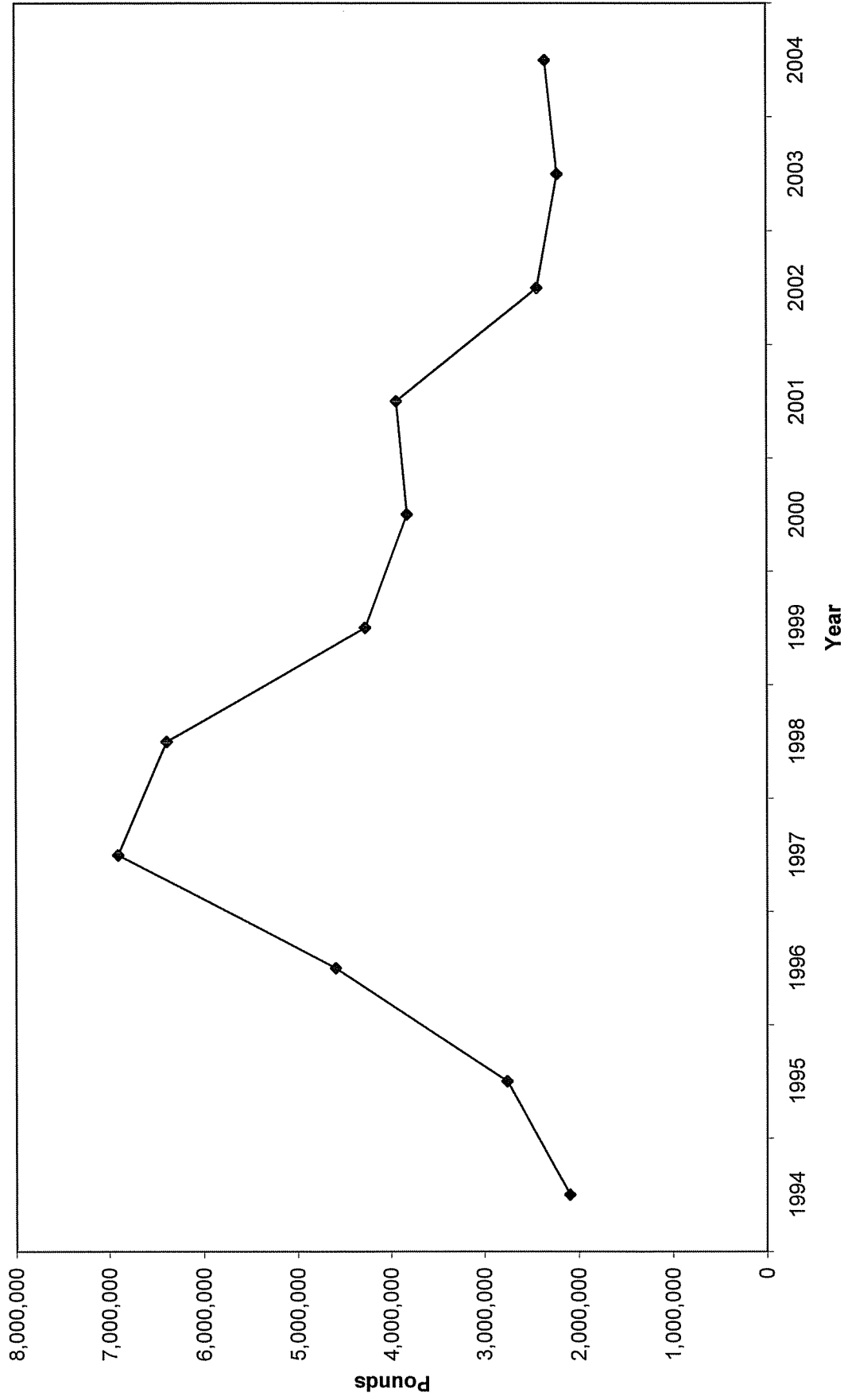
Federally-Reportable Silver Hake Landings in Area 537: 1994-2004



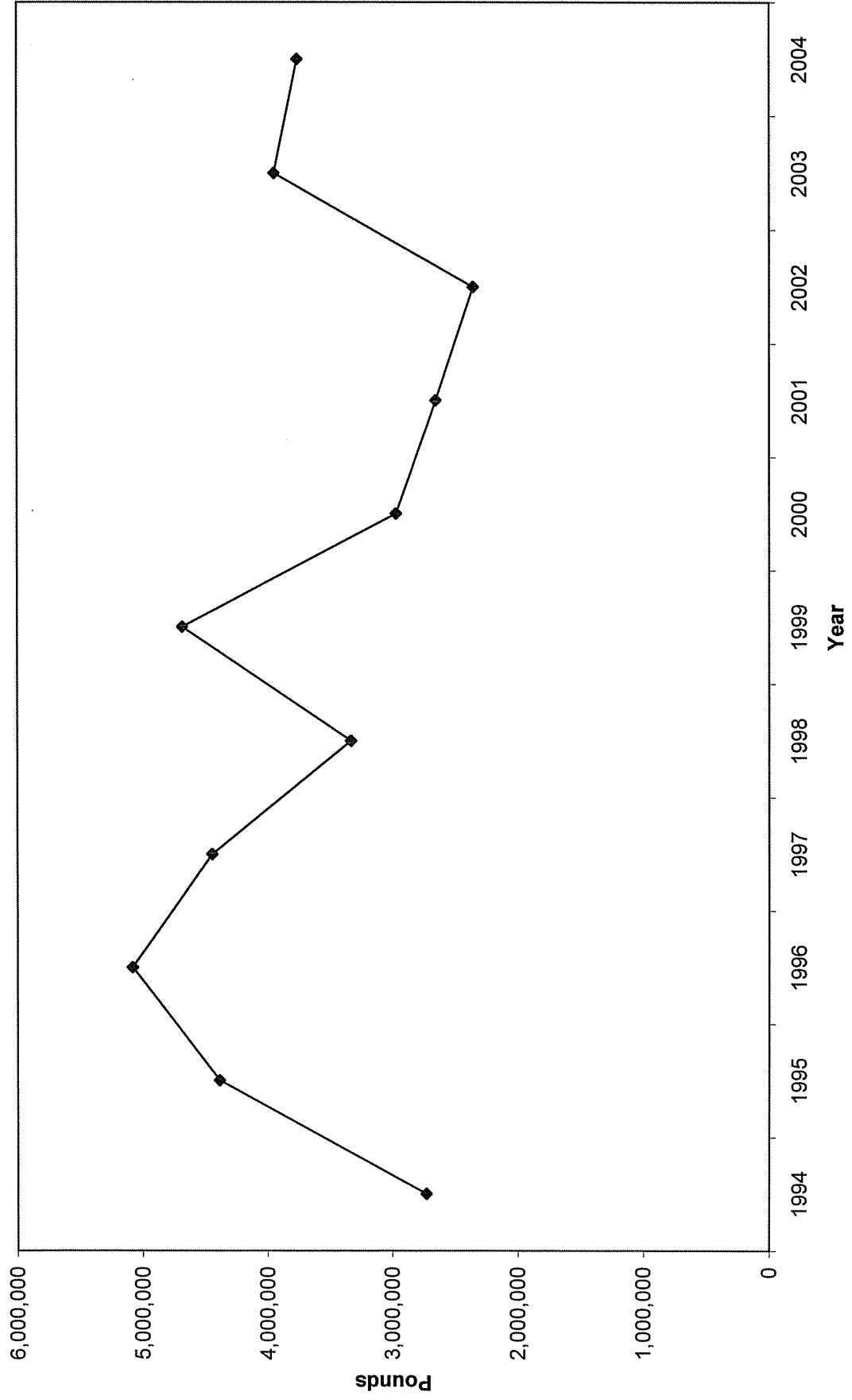
Federally-Reportable Loligo Squid Landings in Area 537: 1994-2004



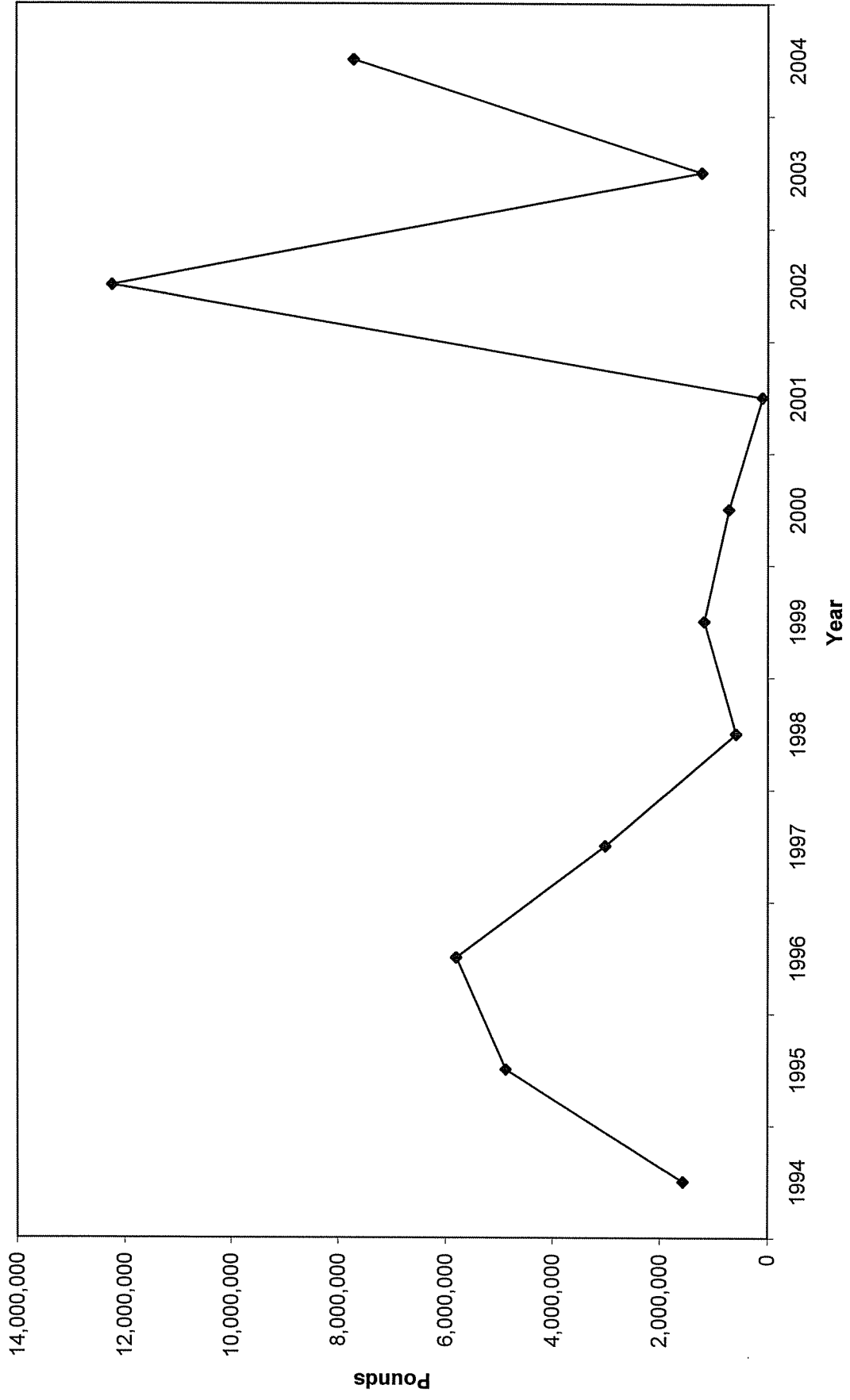
Federally-Reportable Skate Landings in Area 537: 1994-2004



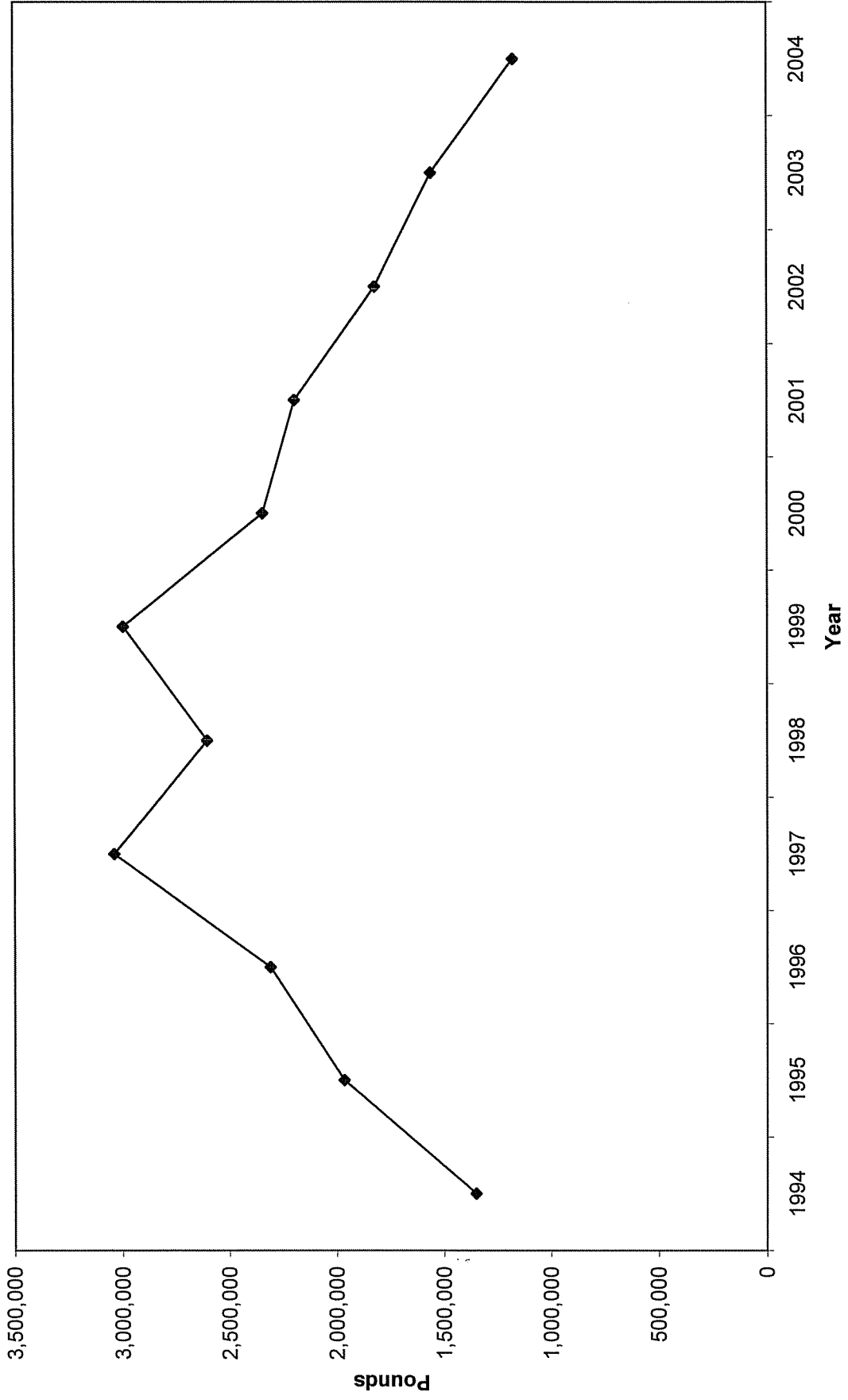
Federally-Reportable Monkfish (Anglerfish/Goosefish) Landings in Area 537: 1994-2004



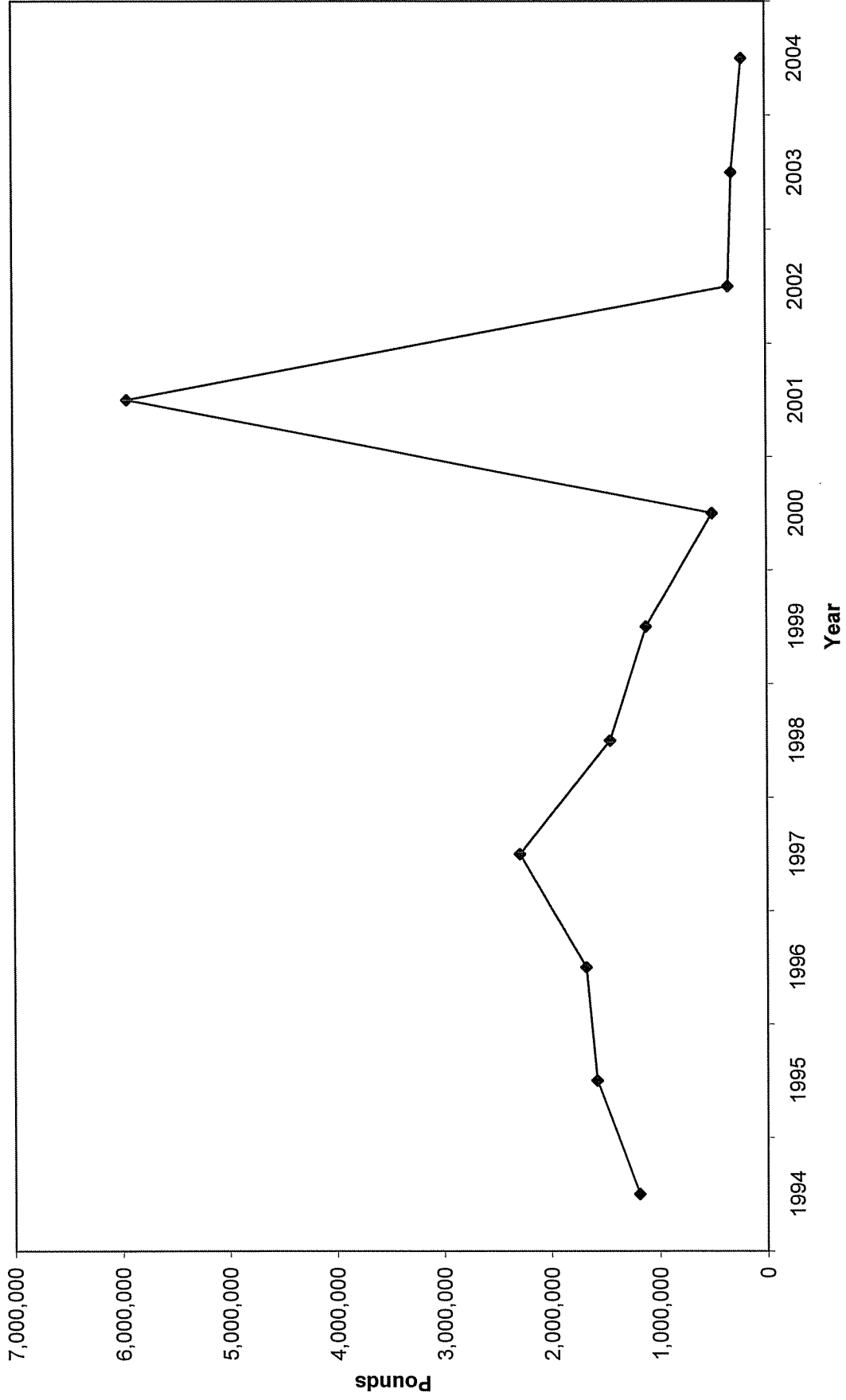
Federally-Reportable Atlantic Mackerel Landings in Area 537: 1994-2004



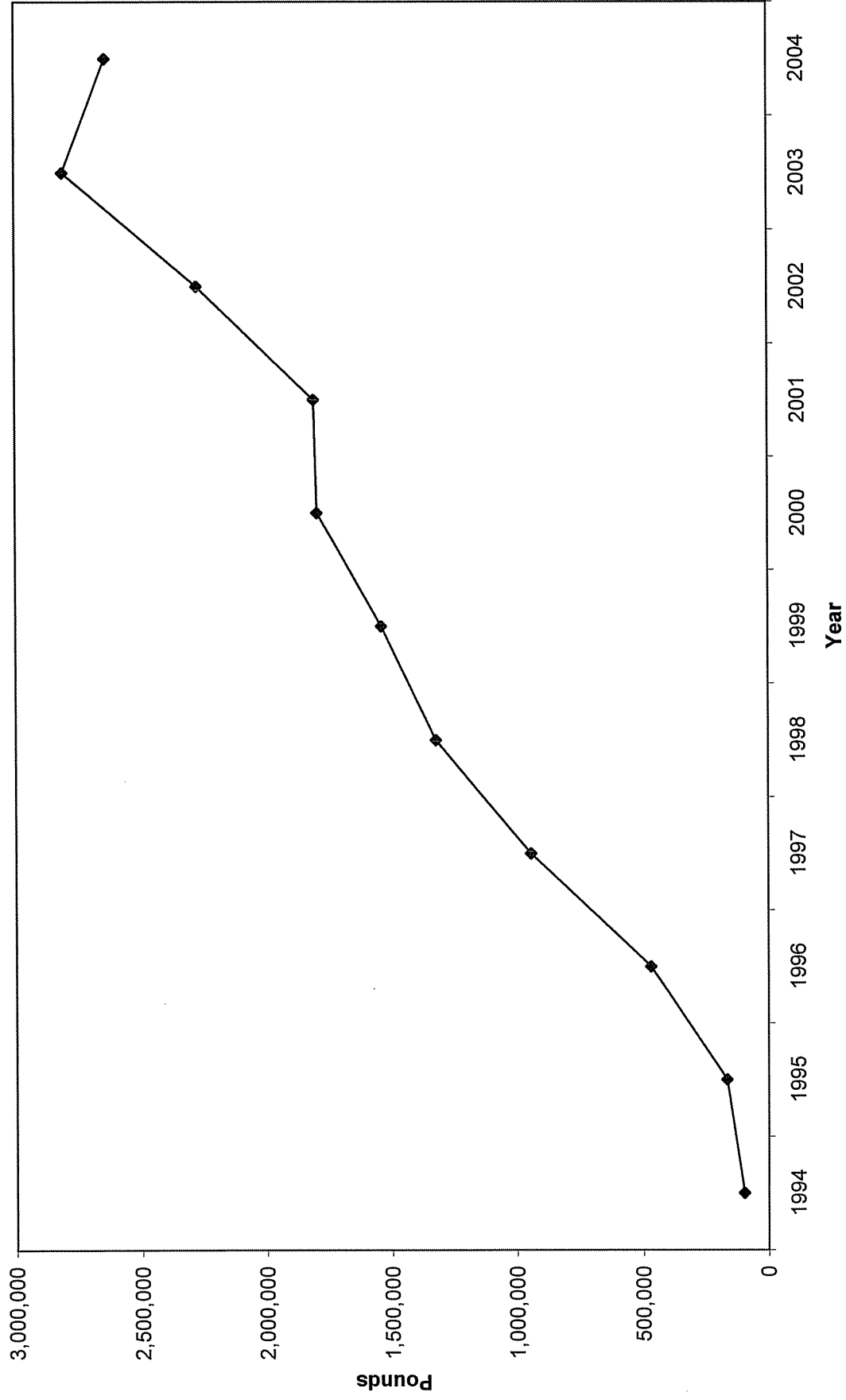
Federally-Reportable American Lobster Landings in Area 537: 1994-2004



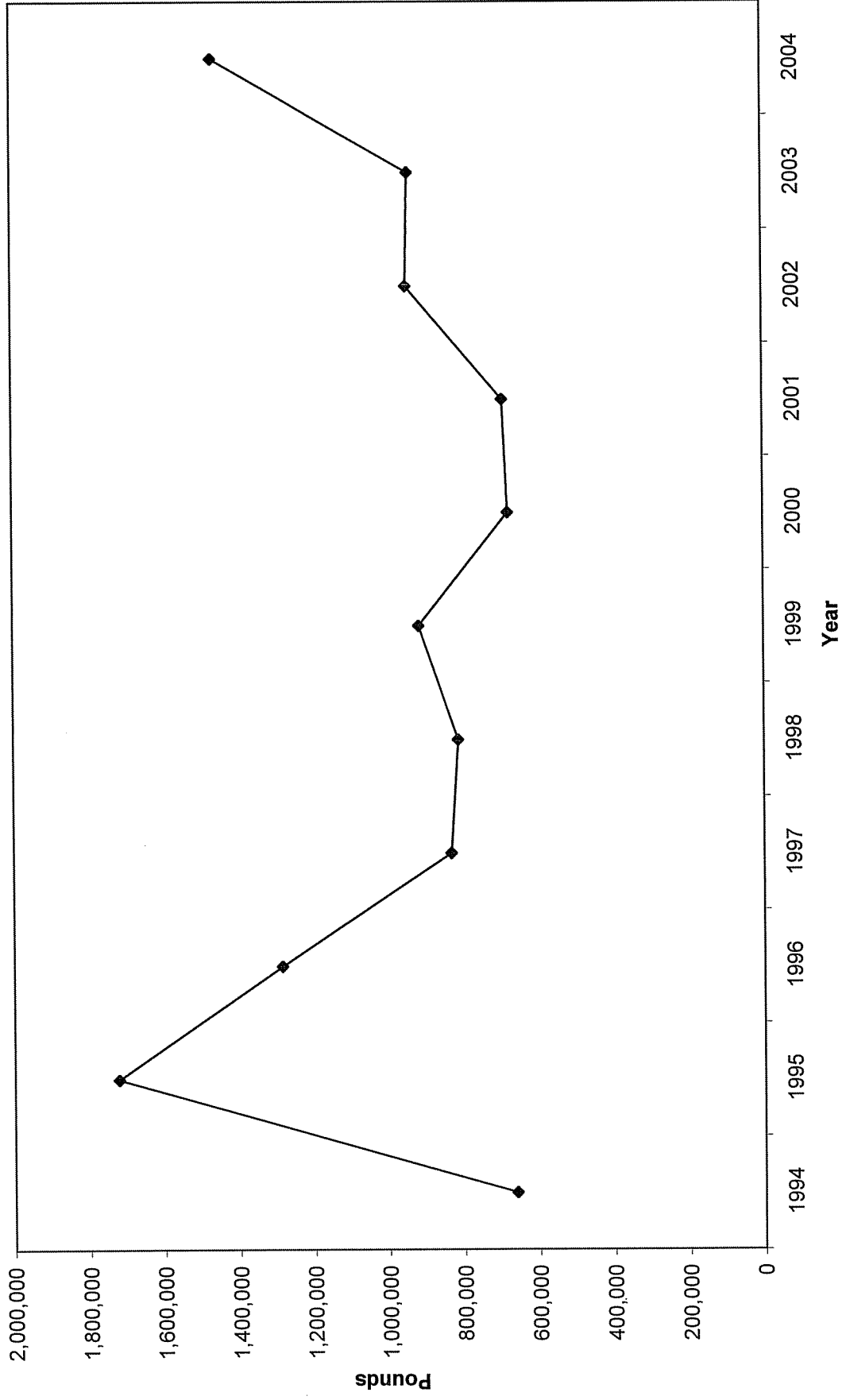
Federally-Reportable Butterfish Landings in Area 537: 1994-2004



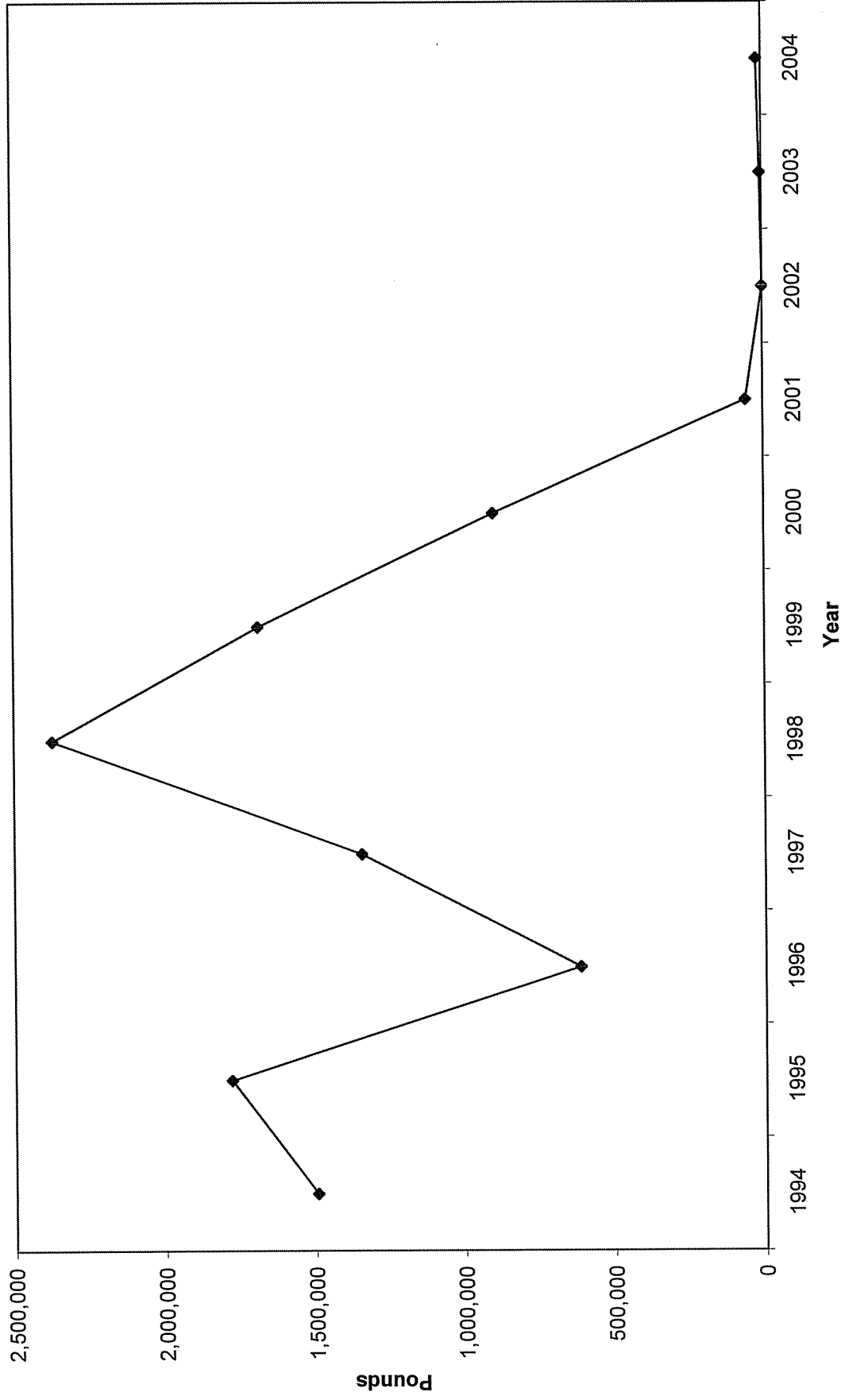
Federally-Reportable Jonah Crab Landings in Area 537: 1994-2004



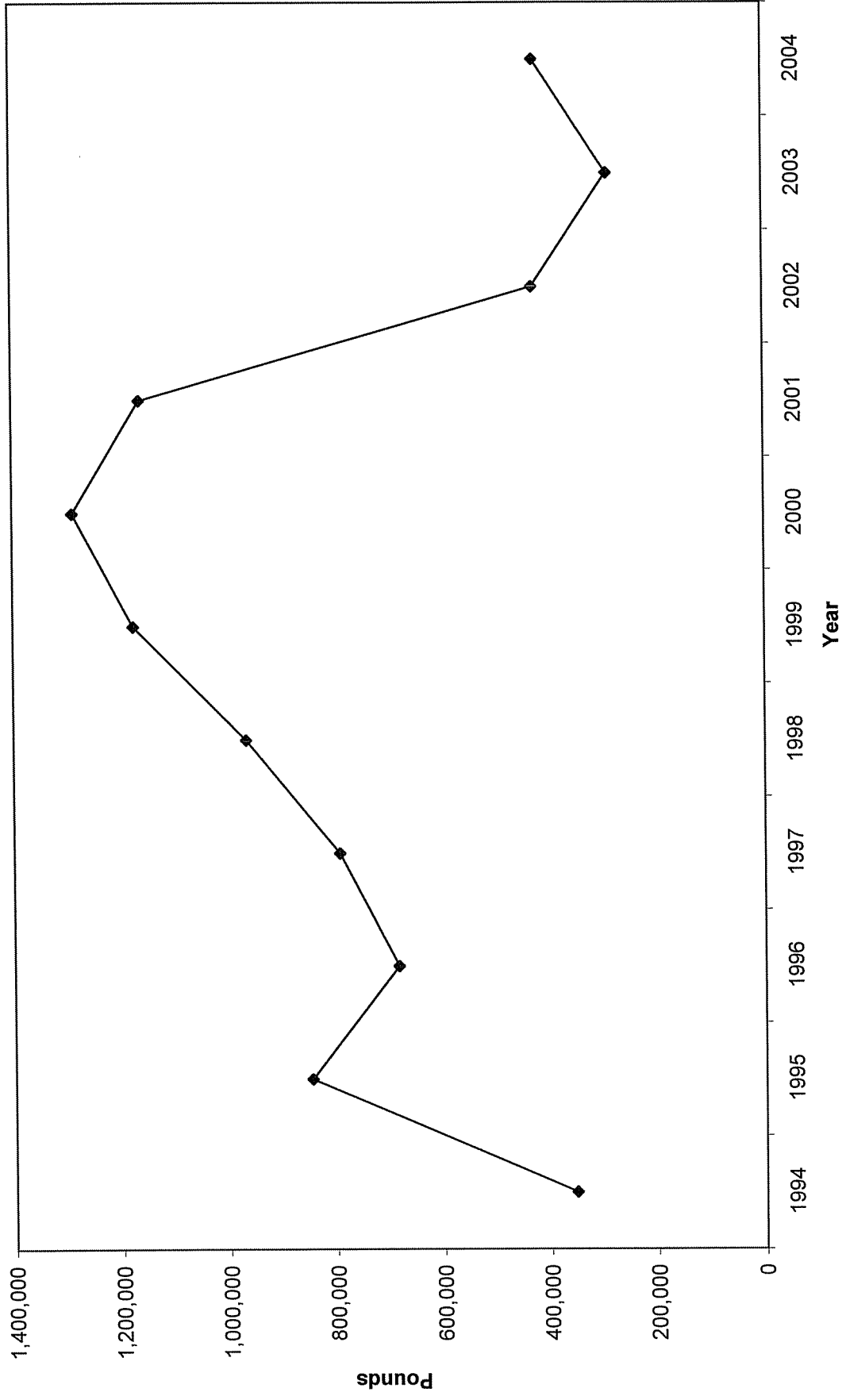
Federally-Reportable Summer Flounder (Fluke) Landings in Area 537: 1994-2004



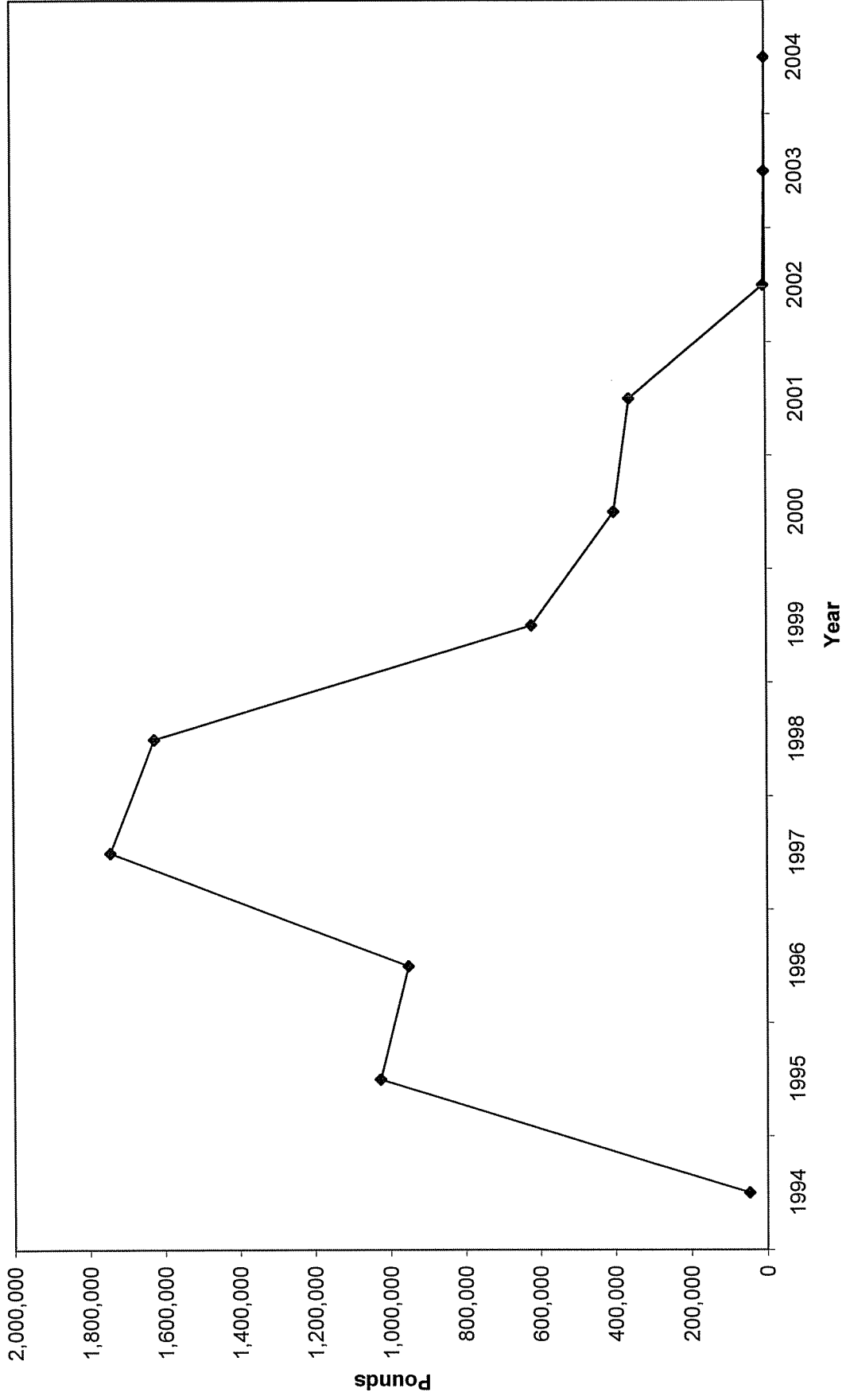
Federally-Reportable Squid (Species Not Specified) Landings in Area 537: 1994-2004



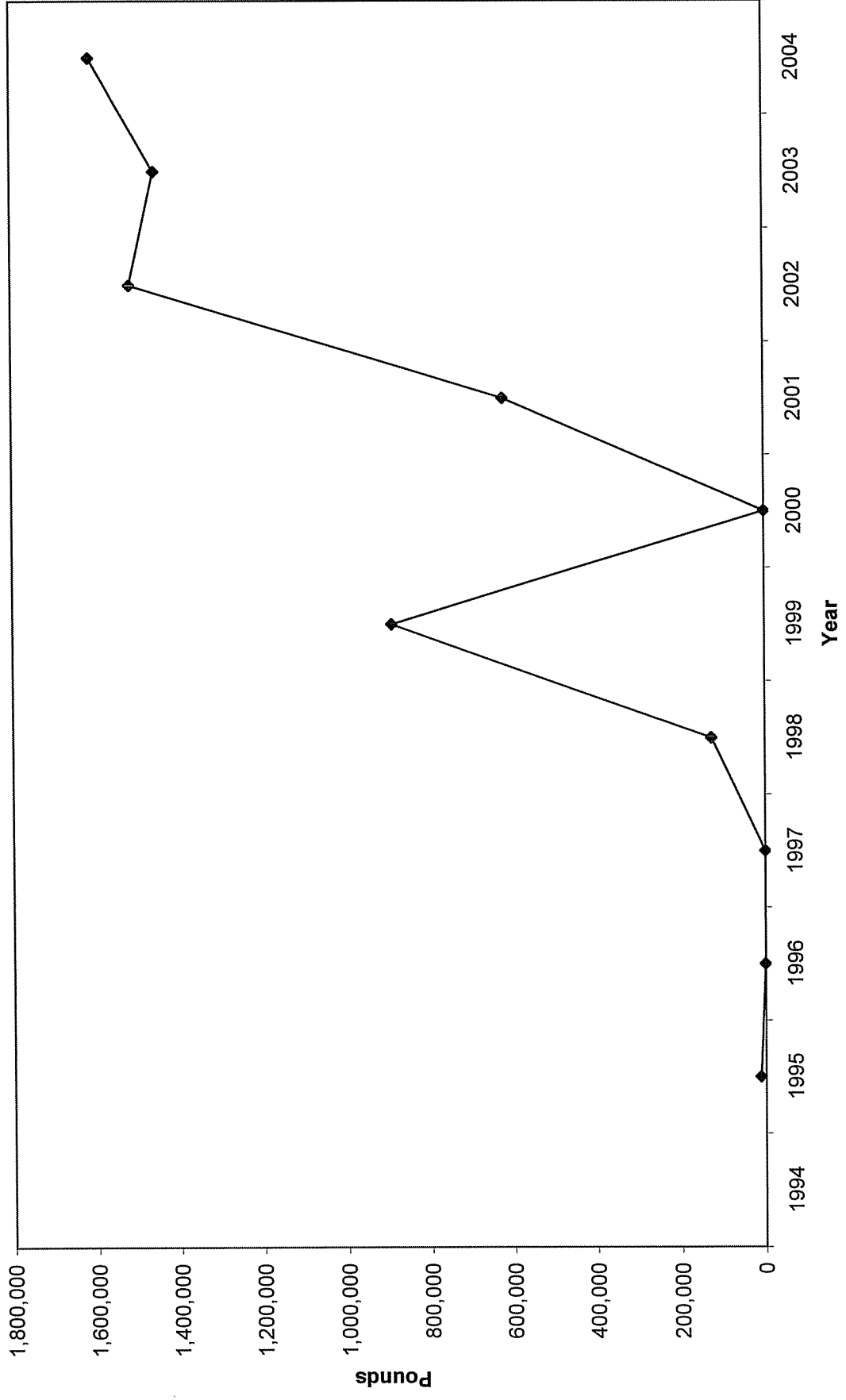
Federally-Reportable Red Hake Landings in Area 537: 1994-2004



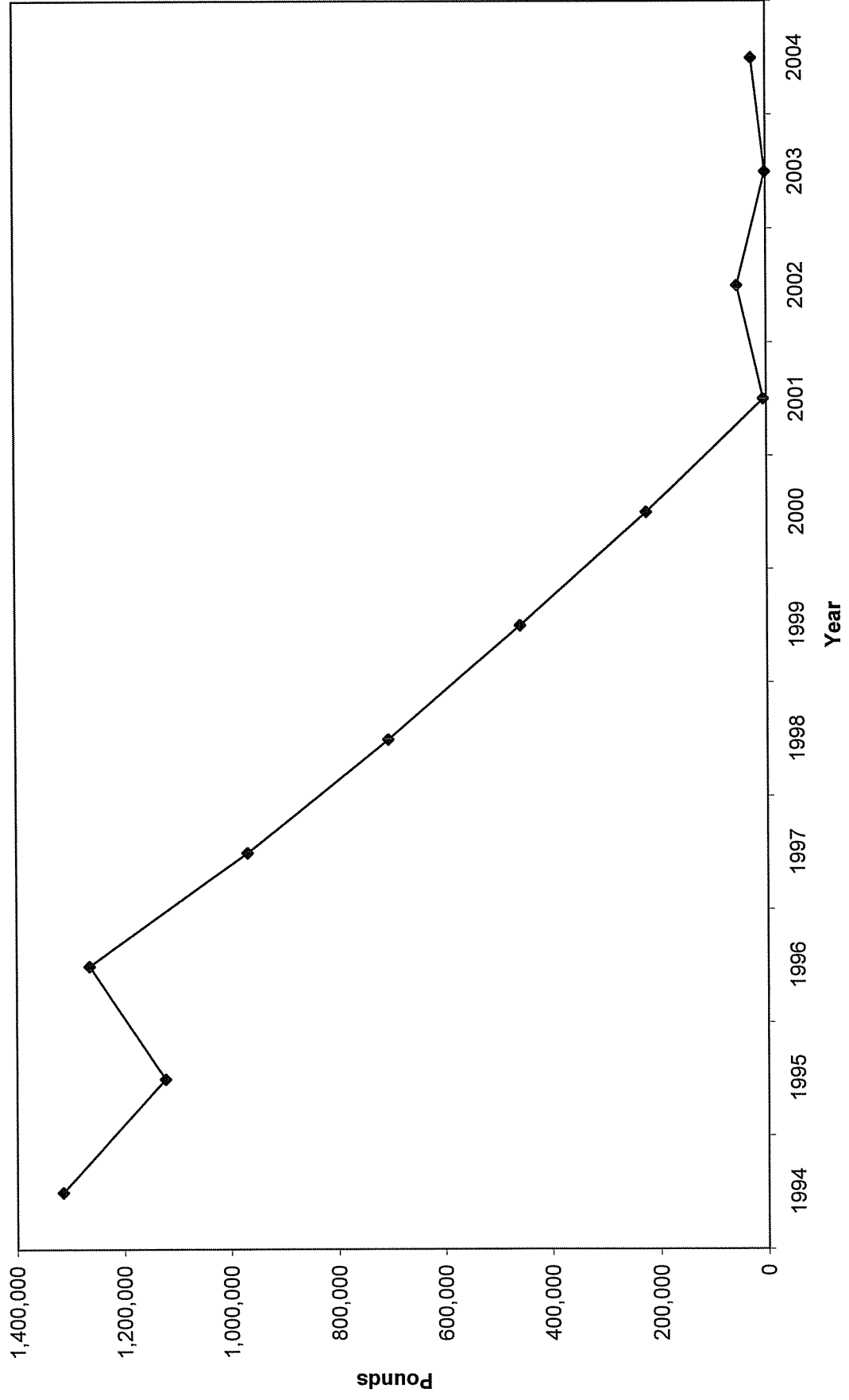
Federally-Reportable Tilefish Landings in Area 537: 1994-2004



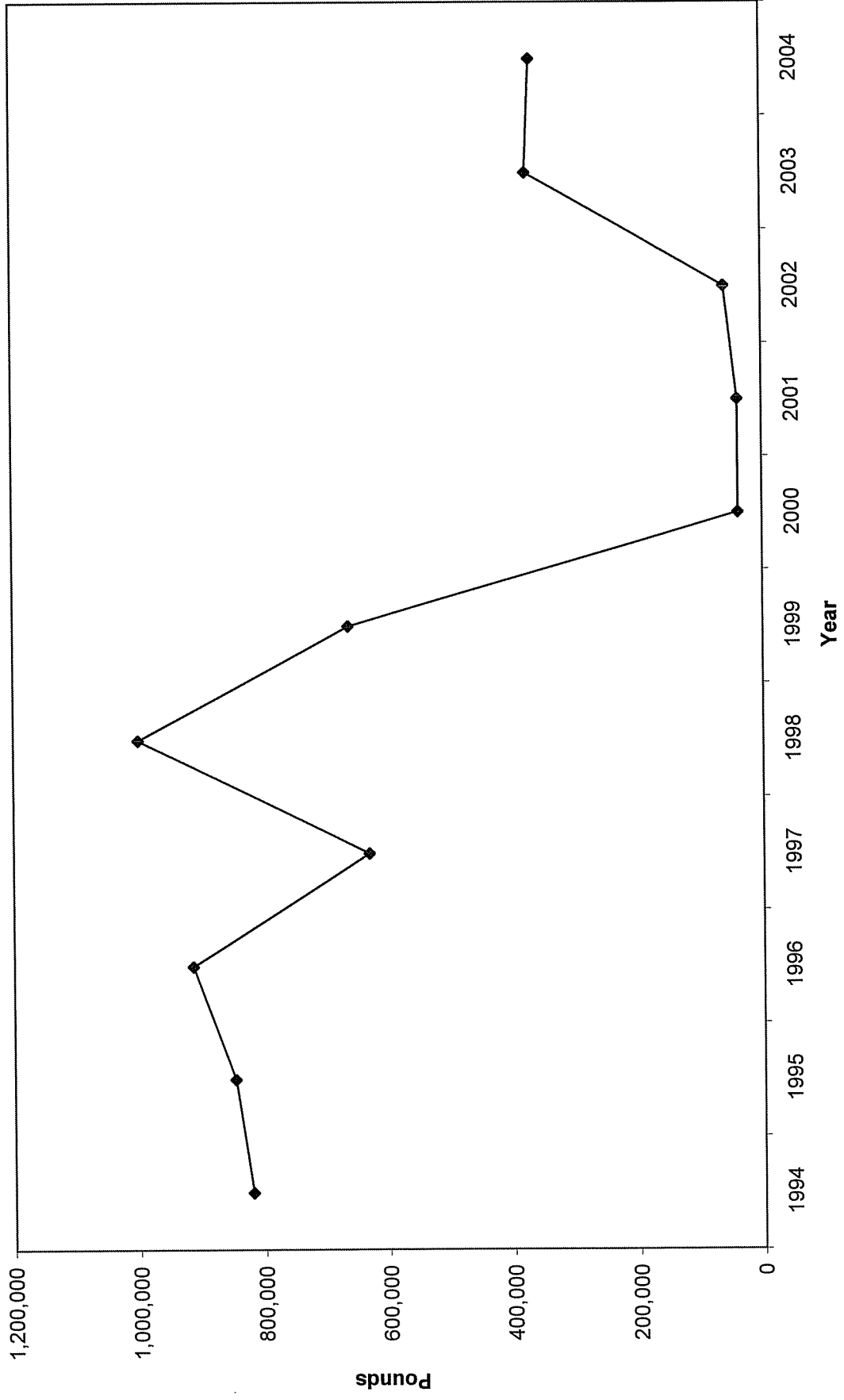
Federally-Reportable Red Crab Landings in Area 537: 1994-2004



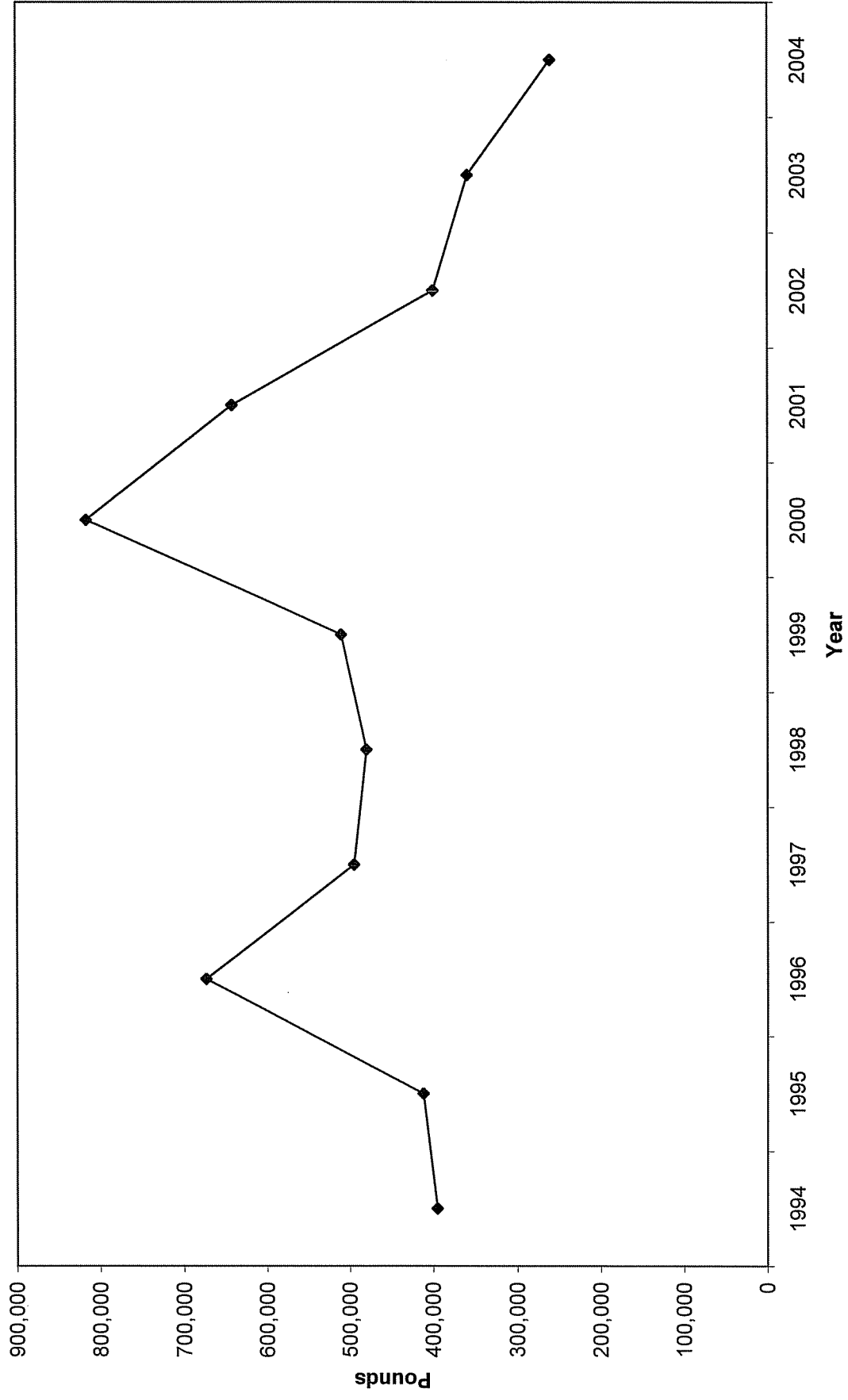
Federally-Reportable Spiny Dogfish Landings in Area 537: 1994-2004



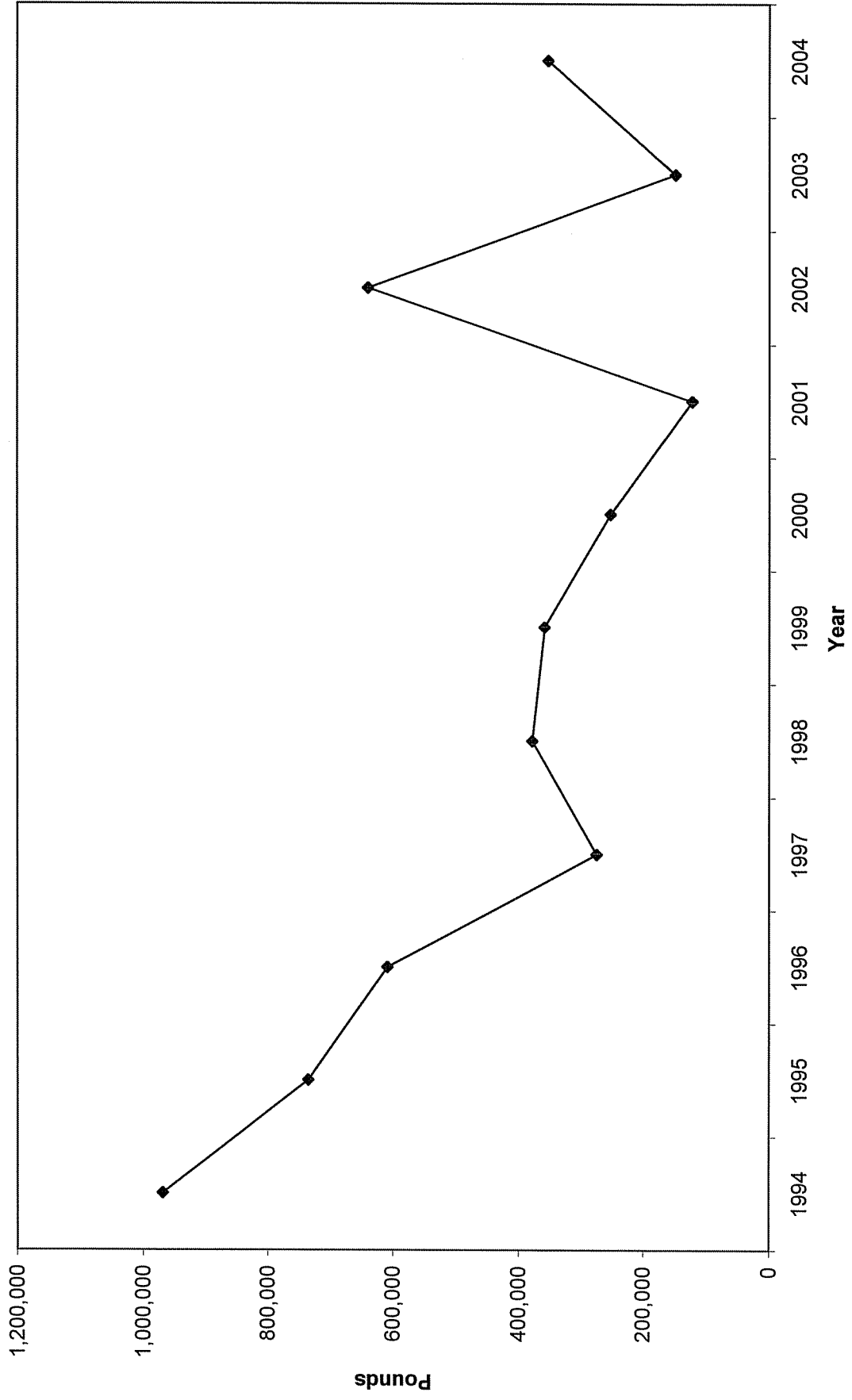
Federally-Reportable White Hake Landings in Area 537: 1994-2004



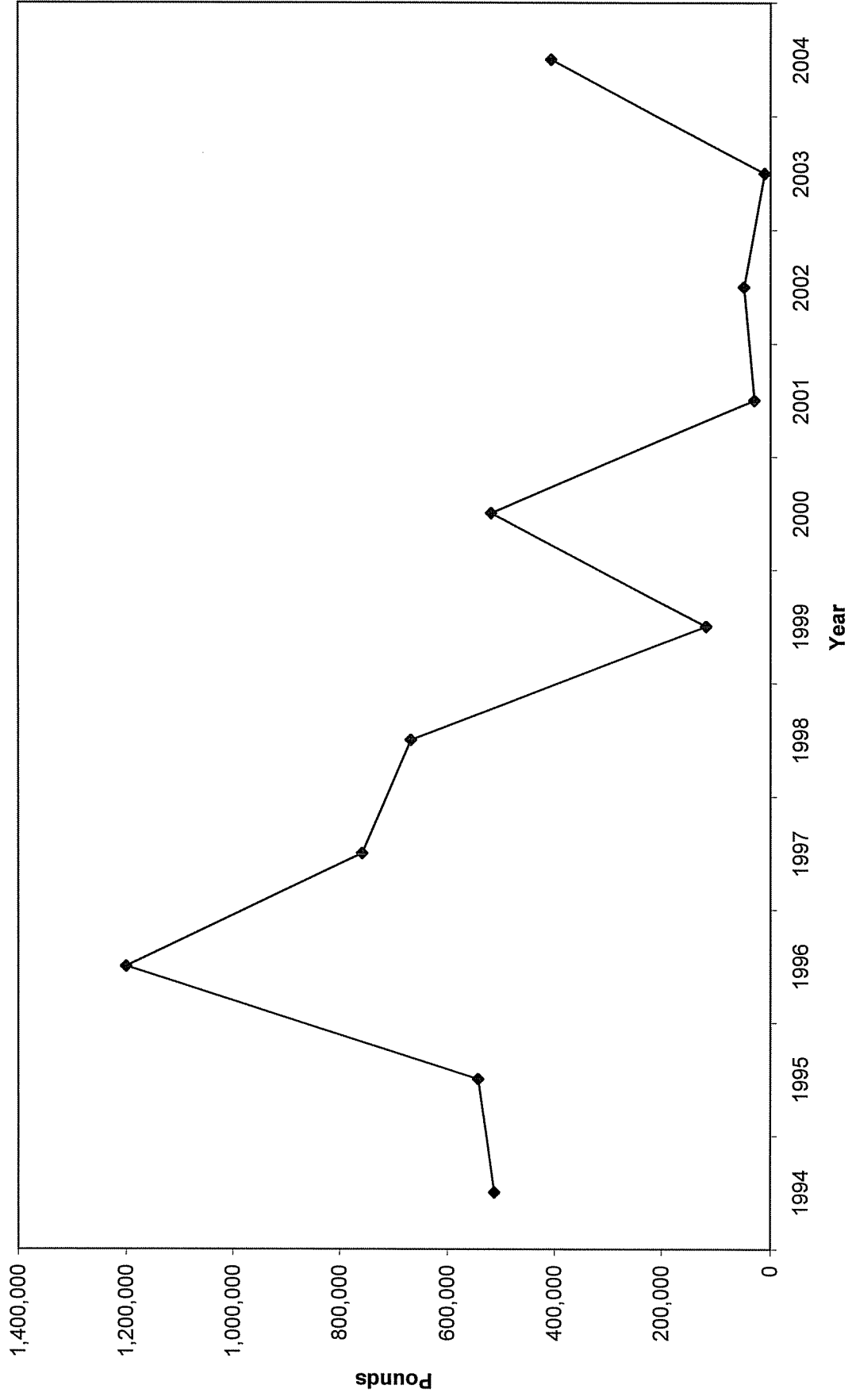
Federally-Reportable Winter Flounder Landings in Area 537: 1994-2004



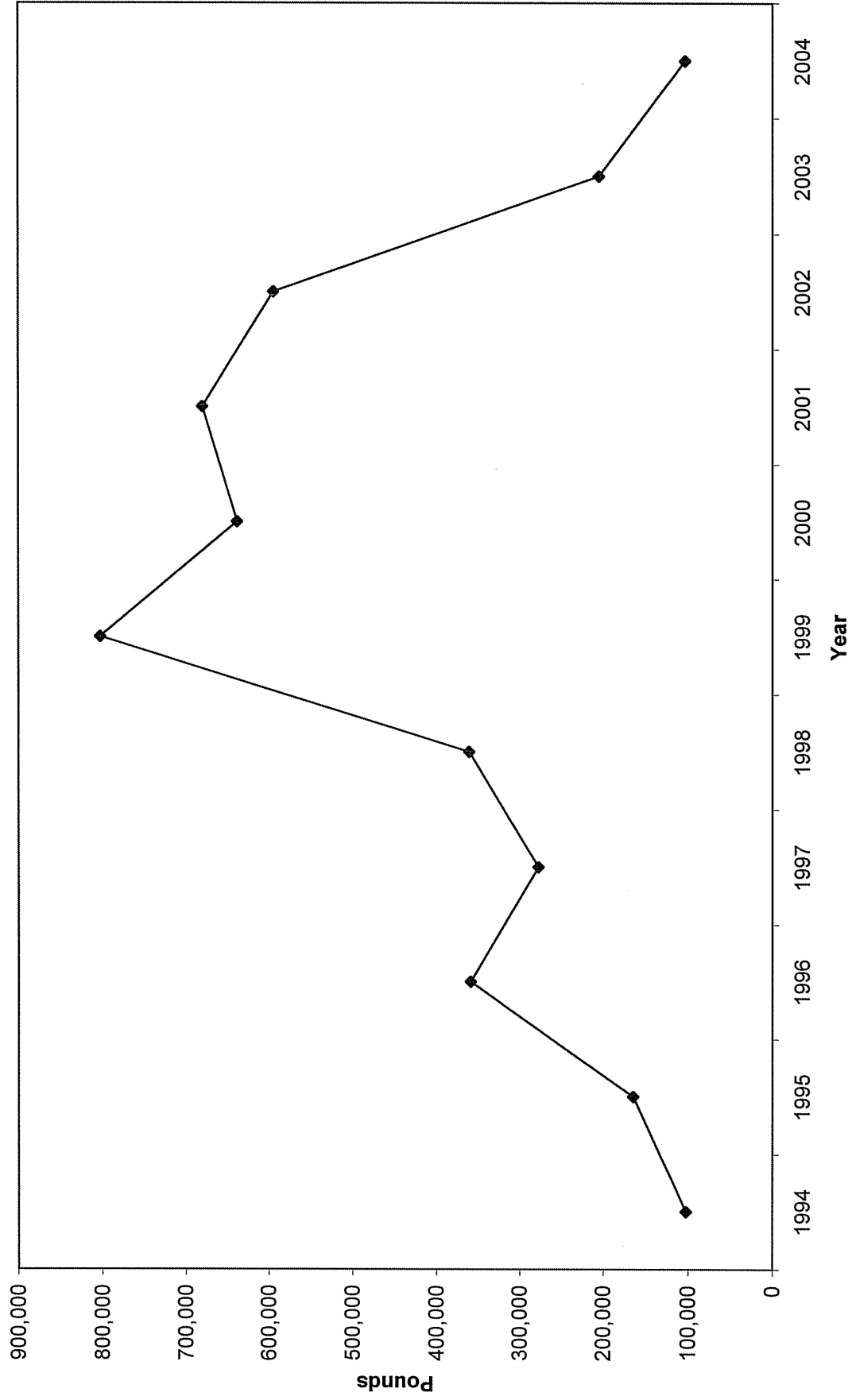
Federally-Reportable Scup (Porgy) Landings in Area 537: 1994-2004



Federally-Reportable Illex Squid Landings in Area 537: 1994-2004



Federally-Reportable Yellowtail Flounder Landings in Area 537: 1994-2004



Attachment B

***Marine Fisheries Commercial*
Fisheries Data**

Table 1. State-reported landings (pounds) from gill nets in Area 16 (Source: DMF Commercial Data for Area 16 - 1990-2004)

Species	Year													Total
	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	
Atlantic Mackerel	8,871	7,673	1,501	1,600	3,835	520	1,000	250		100	5,550	2,621	4,656	38,177
Bluefish	10,574	27,502	397	4,235	11,335	9,484	1,800	25	400	100		468		66,320
Bonito		400	16	282	30									728
Cod	230,627	252,559	9,451	48,273	30,186	8,493	28,630		45,900	44,116	25,663	22,200	8,779	754,877
Cusk		175	140			38				200		450		1,003
Dab (Plaice)										50		450		500
Dogfish	3,654,078	2,697,310	1,001,990	220,115	353,570	442,018	105,800	2,250	28,228		12,743	2,537	5,170	8,525,809
Flounder (unclassified)		44	311											355
Fluke													354	354
Gray Sole (Witch)												2	2	4
Groundfish (unclassified)						331								331
Haddock	5		90			51					570	69		785
Hake		40	250	3,137										3,427
Herring (unclassified)			7											7
Monkfish	77,423	151,873	142,176	277,257	145,751	202,228	245,190	81,203	227,967	153,090	176,564	454,759	303,477	2,638,958
Pollock	4,238	354	12,105	4,037	5	6,570				9,000	264	22,740	5	59,318
Red Hake												12		12
Scup				55										55
Skate	18,327	68,797	75,530	92,555	67,587	39,589	68,400	6,482	33,226	39,620	94,394	93,853	166,276	864,636
Summer flounder	30				264	200								494
Tautog	2,136	1,627	50	6	595									4,414
White Hake										8,500	3			8,503
Whiting											11,858			11,858
Winter Flounder	1,012	3,685	72	3,495	61	157				50	329	193	3	9,057
Wolffish		8									19			27
Yellowtail Flounder	378	3,268	167	40	10						3	95		3,961
Total	4,007,699	3,215,315	1,244,253	655,087	613,229	709,679	450,820	90,210	335,721	254,826	327,961	600,447	488,722	12,993,969

Table 3. State-reported sea bass landings (pounds) from fish pots in Area 16 from 1990 through 2004
 (Source: DMF Commercial Data 1990-2004)

Month	Year												Total			
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		2002	2003	2004
Jul														50		50
Aug				18			32								75	125
Sep				66	250		69							75		460
Oct				94	250		67		1,022		2,123					3,556
Nov				76					55		384					515
Total	0	0	0	254	500	0	168	0	1,077	0	2,507	0	200	0	200	4,706

Table 5. State-reported crab landings (pounds) from lobster pots in Area 16 from 1990 through 2004
 (Source: DMF Commercial Data 1990-2004)

Month	Year												Total			
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		2002	2003	2004
Jan	39,824	52,756	30,953	41,915	54,606	68,240	143,422	68,559	114,205	168,402	124,026	195,437	253,220	137,597	38,917	1,532,078
Feb	13,795	27,567	8,412	1,437	61,332	79,371	82,841	52,229	82,479	156,109	161,895	99,477	205,691	84,655	133,167	1,250,456
Mar	31,043	20,578	30,010	48,002	60,541	103,075	45,662	46,727	91,973	147,209	174,094	122,988	226,546	165,210	103,628	1,417,285
Apr	19,038	39,547	36,376	33,870	62,110	85,596	39,040	61,121	55,795	171,374	138,872	128,497	156,246	175,303	238,913	1,441,698
May	15,209	39,876	31,222	90,428	70,330	102,476	84,889	73,676	64,426	130,608	100,548	91,344	164,646	137,937	188,004	1,385,620
Jun	25,851	29,276	26,748	86,570	71,799	89,368	78,365	66,444	74,188	120,355	76,086	129,444	119,882	213,040	183,575	1,389,993
Jul	19,564	30,069	32,271	55,006	22,215	49,875	96,283	66,400	107,445	68,202	77,362	81,037	94,162	115,169	188,441	1,103,500
Aug	4,482	13,371	28,525	37,188	15,941	26,537	55,532	30,714	63,832	72,054	65,512	68,017	66,369	57,582	182,234	787,889
Sep	7,958	10,841	27,199	32,689	48,616	45,739	37,330	37,465	65,227	137,991	118,091	92,764	101,272	60,555	98,911	922,648
Oct	16,578	27,194	65,936	58,331	69,051	72,121	64,922	63,208	71,517	181,320	135,974	126,890	110,431	113,974	76,113	1,253,560
Nov	37,441	28,031	67,910	52,186	66,576	79,675	67,697	73,869	127,388	136,913	145,332	177,805	149,658	175,660	166,041	1,552,180
Dec	44,987	30,163	76,865	59,232	75,643	103,364	103,259	96,132	224,355	218,488	86,665	137,794	240,502	164,081	248,274	1,909,804
Total	275,770	349,268	462,427	596,853	678,761	905,437	899,242	735,544	1,142,829	1,709,024	1,404,457	1,451,494	1,888,625	1,600,763	1,846,219	15,946,710

Table 6. State-reported lobster landings (pounds) from lobster pots in Area 16 from 1990 through 2004
 (Source: DMF Commercial Data 1990-2004)

Month	Year												Total			
	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001		2002	2003	2004
Jan	41,552	25,790	21,425	11,919	25,015	25,073	9,498	32,737	23,085	15,083	9,639	28,137	19,287	4,247	3,447	295,934
Feb	20,033	8,506	8,762	3,509	15,094	14,985	9,828	18,801	11,720	9,861	6,607	7,413	8,375	2,903	2,920	149,317
Mar	21,336	5,529	9,656	3,785	20,817	21,364	23,403	19,885	16,950	11,189	12,998	8,330	14,041	5,713	2,257	197,253
Apr	30,154	18,206	12,171	6,188	29,827	26,065	23,414	32,888	29,253	24,962	20,485	17,671	20,468	10,766	4,047	306,564
May	56,066	53,845	27,621	36,228	45,311	40,636	54,611	47,885	37,246	68,051	53,423	27,213	37,972	20,206	7,244	613,559
Jun	111,697	103,607	63,215	80,457	90,759	88,983	83,513	115,626	74,691	127,123	102,477	88,043	100,276	40,839	23,383	1,294,691
Jul	190,924	198,954	153,797	200,706	218,350	201,470	160,993	265,890	214,604	264,645	205,820	200,448	162,964	103,036	53,354	2,795,955
Aug	259,746	293,177	222,861	315,473	313,702	303,577	261,807	362,765	267,636	321,654	218,724	192,634	187,565	120,795	62,057	3,704,175
Sep	257,928	324,549	335,169	295,579	319,630	306,247	257,727	316,162	300,744	237,311	186,186	163,055	175,932	89,854	85,073	3,651,146
Oct	165,731	183,191	293,086	189,420	193,189	175,573	168,554	223,369	210,597	158,077	120,230	177,434	119,789	86,098	119,293	2,583,632
Nov	119,084	122,790	106,482	107,140	128,131	100,638	89,814	129,980	138,213	123,212	66,132	86,369	67,377	64,188	88,552	1,538,102
Dec	96,613	96,918	41,579	53,421	81,679	41,823	49,217	76,250	70,850	61,438	46,858	36,529	45,421	24,711	31,827	855,136
Total	1,370,863	1,435,062	1,295,825	1,303,825	1,481,505	1,346,434	1,192,379	1,642,238	1,395,588	1,422,607	1,049,580	1,033,279	959,469	573,355	483,455	17,985,464

Attachment C

**NOAA Fisheries MRFSS
Recreational Data**

Table 1. Recreational fishing effort by mode based on MRFSS interviews from Barnstable/Dukes/Nantucket Counties

Year	Wave	Shore	Party/Charter Boat	Private/Rental Boat	Total
1990	wave 2	4	0	30	34
	wave 3	177	103	263	543
	wave 4	358	241	761	1,360
	wave 5	267	108	504	879
	wave 6	54	0	46	100
	total	860	452	1,604	2,916
	1991	wave 2	81	0	40
wave 3		122	47	230	399
wave 4		345	208	459	1,012
wave 5		396	66	353	815
wave 6		115	0	17	132
total		1,059	321	1,099	2,479
1992		wave 2	25	0	9
	wave 3	203	85	270	558
	wave 4	325	185	485	995
	wave 5	319	116	340	775
	wave 6	118	10	13	141
	total	990	396	1,117	2,503
	1993	wave 2	59	0	2
wave 3		285	87	326	698
wave 4		452	210	740	1,402
wave 5		391	65	384	840
wave 6		69	0	35	104
total		1,256	362	1,487	3,105
1994		wave 2	84	6	10
	wave 3	341	102	281	724
	wave 4	308	222	465	995
	wave 5	609	112	448	1,169
	wave 6	47	9	19	75
	total	1,389	451	1,223	3,063
	1995	wave 2	93	0	2
wave 3		318	88	431	837
wave 4		337	239	941	1,517
wave 5		460	60	395	915
wave 6		56	15	11	82
total		1,264	402	1,780	3,446
1996		wave 2	23	0	0
	wave 3	252	78	345	675
	wave 4	323	111	663	1,097
	wave 5	387	83	297	767
	wave 6	12	18	8	38
	total	997	290	1,313	2,600
	1997	wave 2	14	23	8
wave 3		297	74	321	692
wave 4		319	145	456	920
wave 5		411	149	210	770
wave 6		87	29	51	167
total		1,128	420	1,046	2,594

Table 1. Recreational fishing effort by mode based on MRFSS interviews from Barnstable/Dukes/Nantucket Counties

Year	Wave	Shore	Party/Charter Boat	Private/Rental Boat	Total
1998	wave 2	5	6	10	21
	wave 3	200	110	316	626
	wave 4	420	165	630	1,215
	wave 5	201	86	316	603
	wave 6	170	42	40	252
	total	996	409	1,312	2,717
1999	wave 2	81	11	44	136
	wave 3	375	70	344	789
	wave 4	459	99	431	989
	wave 5	337	63	183	583
	wave 6	66	31	33	130
	total	1,318	274	1,035	2,627
2000	wave 2	40	0	17	57
	wave 3	293	81	265	639
	wave 4	337	149	477	963
	wave 5	147	77	233	457
	wave 6	24	18	26	68
	total	841	325	1,018	2,184
2001	wave 2	79	26	42	147
	wave 3	253	97	215	565
	wave 4	375	103	570	1,048
	wave 5	279	79	217	575
	wave 6	84	31	24	139
	total	1,070	336	1,068	2,474
2002	wave 2	108	32	5	145
	wave 3	141	109	231	481
	wave 4	299	142	417	858
	wave 5	313	63	173	549
	wave 6	186	69	10	265
	total	1,047	415	836	2,298
2003	wave 2	104	79	4	187
	wave 3	286	144	299	729
	wave 4	366	221	525	1,112
	wave 5	291	124	302	717
	wave 6	126	18	17	161
	total	1,173	586	1,147	2,906
2004	wave 2	82	17	6	105
	wave 3	233	216	242	691
	wave 4	157	155	379	691
	wave 5	176	133	253	562
	wave 6	98	60	11	169
	total	746	581	891	2,218
Grand Total		16,134	6,020	17,976	40,130

Table 2. Recreational fishing effort by hours fished based on MRFSS interviews from Barnstable/Dukes/Nantucket Counties

Year	Wave	Total hours fished	Mean of hours fished		std dev
1990	wave 2	156.00	4.59	4.59	1.98
	wave 3	1,970.50	3.63	3.63	1.83
	wave 4	4,449.00	3.27	3.27	1.84
	wave 5	3,351.10	3.81	3.81	2.16
	wave 6	299.00	2.99	2.99	1.70
	total	10,225.60	3.66	3.51	0.61
1991	wave 2	345.00	2.85		1.90
	wave 3	1,284.00	3.22		1.70
	wave 4	3,214.50	3.18		1.83
	wave 5	3,075.00	3.77		2.33
	wave 6	347.00	2.63		1.45
	total	8,265.50	3.13	3.33	0.43
1992	wave 2	70.00	2.06		1.24
	wave 3	1,958.50	3.54		1.94
	wave 4	3,076.50	3.09		1.89
	wave 5	3,026.00	3.91		2.26
	wave 6	357.50	2.54		1.85
	total	8,488.50	3.03	3.39	0.74
1993	wave 2	117.00	1.92		1.03
	wave 3	2,234.00	3.20		1.93
	wave 4	4,436.00	3.16		1.96
	wave 5	2,704.00	3.22		1.91
	wave 6	260.50	2.50		1.73
	total	9,751.50	2.80	3.14	0.58
1994	wave 2	231.50	2.32		1.32
	wave 3	2,571.30	3.55		4.13
	wave 4	3,452.00	3.47		2.38
	wave 5	3,860.50	3.30		2.69
	wave 6	217.50	2.90		1.95
	total	10,332.80	3.11	3.37	0.51
1995	wave 2	197.00	2.07		1.26
	wave 3	2,929.00	3.50		3.96
	wave 4	4,642.00	3.06		1.82
	wave 5	2,940.00	3.21		2.11
	wave 6	344.00	4.19		10.94
	total	11,052.00	3.21	3.21	0.77
1996	wave 2	39.00	1.70		0.78
	wave 3	2,323.00	3.44		2.17
	wave 4	3,632.00	3.33		4.66
	wave 5	2,478.00	3.24		2.15
	wave 6	185.00	4.87		4.67
	total	8,657.00	3.32	3.33	1.12
1997	wave 2	213.00	4.72		3.94
	wave 3	2,355.00	3.42		2.13
	wave 4	3,233.00	3.53		2.37
	wave 5	2,848.00	3.72		2.55
	wave 6	628.00	3.76		2.99
	total	9,277.00	3.83	3.58	0.52

Table 2. Recreational fishing effort by hours fished based on MRFSS interviews from Barnstable/Dukes/Nantucket Counties

Year	Wave	Total hours fished	Mean of hours fished		std dev
1998	wave 2	87.00	4.12		3.40
	wave 3	2,094.00	3.35		2.16
	wave 4	4,127.00	3.40		2.07
	wave 5	2,186.00	3.62		2.14
	wave 6	720.00	2.86		2.29
	total	9,214.00	3.47	3.39	0.46
1999	wave 2	371.00	2.73		1.86
	wave 3	2,626.00	3.33		1.97
	wave 4	3,368.00	3.40		1.97
	wave 5	1,936.00	3.32		1.95
	wave 6	566.00	4.35		2.55
	total	8,867.00	3.43	3.38	0.58
2000	wave 2	127.00	2.23		1.35
	wave 3	2,270.00	3.57		2.07
	wave 4	3,315.50	3.44		2.02
	wave 5	1,723.50	3.77		2.09
	wave 6	311.50	4.58		2.95
	total	7,747.50	3.52	3.55	0.85
2001	wave 2	492.50	3.35		2.65
	wave 3	1,976.00	3.50		1.90
	wave 4	3,287.50	3.14		1.70
	wave 5	1,980.00	3.45		2.59
	wave 6	584.00	4.20		3.44
	total	8,320.00	3.53	3.36	0.40
2002	wave 2	463.50	3.20		2.94
	wave 3	1,853.50	3.85		2.19
	wave 4	2,750.00	3.21		1.84
	wave 5	1,738.50	3.17		2.23
	wave 6	811.00	3.06		2.12
	total	7,616.50	3.32	3.31	2.14
2003	wave 2	697.00	3.73		2.72
	wave 3	2,329.50	3.20		1.82
	wave 4	3,694.50	3.33		2.05
	wave 5	2,536.50	3.54		2.14
	wave 6	495.50	3.08		2.44
	total	9,753.00	3.36	3.36	2.10
2004	wave 2	313.00	3.01		2.67
	wave 3	2,534.00	3.69		1.91
	wave 4	2,381.50	3.45		1.84
	wave 5	1,982.00	3.53		1.99
	wave 6	722.00	4.27		3.08
	total	7,932.50	3.58	3.58	2.07
Grand Total		135,500.40	3.35		0.64

Table 3. Gear used by surveyed recreational anglers based on MRFSS interviews from Barnstable/Dukes/Nantucket Counties

Year	Wave	hook & line	dip/ A frame net	cast net	gill net	seine	trawl	trap	spear	hand	other
1990	wave 2	34									
	wave 3	541							2		
	wave 4	1,359					1				
	wave 5	875	2	2							
	wave 6	100									
	total	2,909	2	2	0	0	1	0	2	0	0
1991	wave 2	118						2	1		
	wave 3	396						1	2		
	wave 4	1,002	5			1		1	2	1	
	wave 5	815									
	wave 6	132									
	total	2,463	5	0	0	1	0	4	5	1	0
1992	wave 2	34									
	wave 3	556	2								
	wave 4	993							2		
	wave 5	767							8		
	wave 6	141									
	total	2,491	2	0	0	0	0	0	10	0	0
1993	wave 2	61									
	wave 3	693				2		1	2		
	wave 4	1,394	1					3	1	3	
	wave 5	837			1	1		1			
	wave 6	104									
	total	3,089	1	0	1	3	0	5	3	3	0
1994	wave 2	100									
	wave 3	722	1						1		
	wave 4	990	1						2		2
	wave 5	1,160		2		1		1		1	4
	wave 6	75									
	total	3,047	2	2	0	1	0	1	3	1	6
1995	wave 2	95									
	wave 3	834	1	1							1
	wave 4	1,512						2	1		2
	wave 5	915									
	wave 6	82									
	total	3,438	1	1	0	0	0	2	1	0	3
1996	wave 2	23									
	wave 3	674				1					
	wave 4	1,091	1							1	
	wave 5	760									
	wave 6	38									
	total	2,586	1	0	0	1	0	0	0	1	0
1997	wave 2	43									
	wave 3	673	4								
	wave 4	903	5						1		
	wave 5	758	4								4
	wave 6	167									
	total	2,544	13	0	0	0	0	0	1	0	4

Table 3. Gear used by surveyed recreational anglers based on MRFSS interviews from Barnstable/Dukes/Nantucket Counties

Year	Wave	hook & line	dip/ A frame net	cast net	gill net	seine	trawl	trap	spear	hand	other
1998	wave 2	21									
	wave 3	624									
	wave 4	1,208						1			1
	wave 5	599							4		
	wave 6	252									
	total	2,704	0	0	0	0	0	1	4	0	1
1999	wave 2	136									
	wave 3	788	1								
	wave 4	987	1						1		
	wave 5	582	1								
	wave 6	130									
	total	2,623	3	0	0	0	0	0	1	0	0
2000	wave 2	56									1
	wave 3	638	1								
	wave 4	959						4			
	wave 5	456									1
	wave 6	68									
	total	2,177	1	0	0	0	0	4	0	0	2
2001	wave 2	147									
	wave 3	564						1			
	wave 4	1,048									
	wave 5	575									
	wave 6	139									
	total	2,473	0	0	0	0	0	1	0	0	0
2002	wave 2	145									
	wave 3	479					1				
	wave 4	856						2			
	wave 5	549									
	wave 6	265									
	total	2,294	0	0	0	0	1	2	0	0	0
2003	wave 2	187									
	wave 3	729									
	wave 4	1,112									
	wave 5	717									
	wave 6	161									
	total	2,906	0	0	0	0	0	0	0	0	0
2004	wave 2	105									
	wave 3	681	10								
	wave 4	690									1
	wave 5	561	1								
	wave 6	169									
	total	2,206	11	0	0	0	0	0	0	0	1
TOTAL		39,950	42	5	1	6	2	20	30	6	17

Table 4. Number of fish reported by surveyed anglers and number of fish observed by interviewer based on MRFSS interviews from Barnstable/Dukes/Nantucket Counties

Year	Wave	Shore		Party/Charter Boat		Private/Rental Boat		Total	
		Reported	Observed	Reported	Observed	Reported	Observed	Reported	Observed
1990	wave 2	2				6	16	8	16
	wave 3	159	29	93	87	264	100	516	216
	wave 4	444	55	252	220	800	113	1,496	388
	wave 5	270	47	430	264	745	159	1,445	470
	wave 6	174	92			108	6	282	98
	total	1,049	223	775	571	1,923	394	3,747	1,188
1991	wave 2	7	4			19	71	26	75
	wave 3	86	77	139	59	1,572	222	1,797	358
	wave 4	237	92	466	168	627	120	1,330	380
	wave 5	349	106	228	61	786	146	1,363	313
	wave 6	210	109			11	4	221	113
	total	889	388	833	288	3,015	563	4,737	1,239
1992	wave 2					1	2	1	2
	wave 3	98	41	478	69	723	111	1,299	221
	wave 4	210	41	419	381	488	111	1,117	533
	wave 5	1,190	74	613	129	1,057	106	2,860	309
	wave 6	760	64	57		1	14	818	78
	total	2,258	220	1,567	579	2,270	344	6,095	1,143
1993	wave 2								
	wave 3	161	23	267	77	420	127	848	227
	wave 4	634	49	764	108	1,148	212	2,546	369
	wave 5	511	112	200	48	765	179	1,476	339
	wave 6	78	57			102	74	180	131
	total	1,384	241	1,231	233	2,435	592	5,050	1,066
1994	wave 2		2					0	2
	wave 3	267	57	231	136	444	127	942	320
	wave 4	266	37	524	193	924	163	1,714	393
	wave 5	644	58	530	63	1,051	125	2,225	246
	wave 6	36	96	96	1	30	5	162	6
	total	1,213	154	1,381	393	2,449	420	5,043	967
1995	wave 2	3				12		15	0
	wave 3	288	31	453	44	1,478	174	2,219	249
	wave 4	179	21	816	168	1,727	279	2,722	468
	wave 5	1,570	32	266	22	1,210	82	3,046	136
	wave 6	213		81	30	5		299	30
	total	2,253	84	1,616	264	4,432	535	8,301	883
1996	wave 2	22						22	0
	wave 3	227	24	1,230	37	1,222	174	2,679	235
	wave 4	282	3	553	40	1,670	103	2,505	146
	wave 5	519	8	365	44	939	70	1,823	122
	wave 6	2	13	276	10			278	23
	total	1,052	48	2,424	131	3,831	347	7,307	526
1997	wave 2			297	10			297	10
	wave 3	244	28	876	20	1,374	83	2,494	131
	wave 4	266	22	659	33	848	78	1,773	133
	wave 5	414	21	1,522	49	791	44	2,727	114
	wave 6	100	13	185	40	813	13	1,098	66
	total	1,024	84	3,539	152	3,826	218	8,389	454

Table 4. Number of fish reported by surveyed anglers and number of fish observed by interviewer based on MRFSS interviews from Barnstable/Dukes/Nantucket Counties

Year	Wave	Shore		Party/Charter Boat		Private/Rental Boat		Total	
		Reported	Observed	Reported	Observed	Reported	Observed	Reported	Observed
1998	wave 2	2		218		4		224	0
	wave 3	252	17	1,280	95	1,929	91	3,461	203
	wave 4	381	20	548	31	2,077	127	3,006	178
	wave 5	358	7	1,023	10	1,129	48	2,510	65
	wave 6	169	13	985	8	636	29	1,790	50
	total	1,162	57	4,054	144	5,775	295	10,991	496
1999	wave 2	78		35		22	3	135	3
	wave 3	377	25	1,683	2	3,026	77	5,086	104
	wave 4	351	15	882	17	1,311	59	2,544	91
	wave 5	155	2	1,216		587	20	1,958	22
	wave 6	267	4	135	8	1,234	8	1,636	20
	total	1,228	46	3,951	27	6,180	167	11,359	240
2000	wave 2	9				39		48	0
	wave 3	370	15	1,863	19	1,372	54	3,605	88
	wave 4	340	22	1,057	50	1,587	139	2,984	211
	wave 5	85	2	1,732	14	489	40	2,306	56
	wave 6	7		384		1		392	0
	total	811	39	5,036	83	3,488	233	9,335	355
2001	wave 2	97	3	1,233	1	9		1,339	4
	wave 3	210	20	2,028	27	1,390	39	3,628	86
	wave 4	354	21	743	77	1,668	172	2,765	270
	wave 5	399	19	842	36	755	19	1,996	74
	wave 6	46		745		207	13	998	13
	total	1,106	63	5,591	141	4,029	243	10,726	447
2002	wave 2	146	2	612				758	2
	wave 3	163	19	5,171	205	1,955	45	7,289	269
	wave 4	319	27	848	44	1,645	89	2,812	160
	wave 5	296	32	572	25	515	68	1,383	125
	wave 6	199	84	221	101	396		816	185
	total	1,123	164	7,424	375	4,511	202	13,058	741
2003	wave 2	9		1,595				1,604	0
	wave 3	241	15	2,402	53	1,460	89	4,103	157
	wave 4	351	10	1,854	216	1,550	100	3,755	326
	wave 5	483	12	720	96	887	22	2,090	130
	wave 6	238	54	581	137	5		824	191
	total	1,322	91	7,152	502	3,902	211	12,376	804
2004	wave 2	202	2	88	37			290	39
	wave 3	149	19	4,367	316	1,433	20	5,949	355
	wave 4	147	15	617	174	1,036	104	1,800	293
	wave 5	155	4	734	124	1,189	30	2,078	158
	wave 6	131	26	1,033	55	56	3	1,220	84
	total	784	66	6,839	706	3,714	157	11,337	929
TOTAL		18,658	1,968	53,413	4,589	55,780	4,921	127,851	11,478

Table 5. Numbers and species observed by MRFSS interviewers from surveys conducted in Dukes/Barnstable/Nantucket counties

Year	Shore		Party/Charter		Private/Rental	
	Species Name	Total Number	Species Name	Total Number	Species Name	Total Number
1990	Atlantic mackerel	72	scup	456	bluefish	171
	bluefish	68	bluefish	41	tautog	83
	scup	37	winter flounder	28	scup	51
	pollock	26	black sea bass	17	winter flounder	40
	summer flounder	7	tautog	16	summer flounder	15
	winter flounder	4	striped bass	4	black sea bass	9
	black sea bass	3	smooth dogfish shark	3	Atlantic mackerel	8
	Atlantic menhaden	2	Atlantic cod	2	striped bass	7
	Atlantic bonito	1	Atlantic bonito	1	white perch	3
	smooth dogfish shark	1	fourspot flounder	1	northern searobin	2
	striped bass	1	ocean pout	1	American eel	1
	tautog	1	summer flounder	1	Atlantic cod	1
					Atlantic menhaden	1
					cunner	1
				searobins	1	
1991	bluefish	185	scup	165	Atlantic mackerel	162
	Atlantic mackerel	89	bluefish	101	bluefish	160
	scup	22	tautog	9	scup	70
	windowpane	18	black sea bass	5	winter flounder	61
	pollock	12	striped bass	3	tautog	58
	Atlantic bonito	11	cunner	2	summer flounder	21
	butterfish	9	northern searobin	1	Atlantic cod	6
	winter flounder	9	searobins	1	striped bass	6
	Atlantic herring	7	summer flounder	1	Little tunny	5
	tautog	7			black sea bass	5
	cunner	5			pollock	4
	little tunny	4			albacore	2
	striped bass	3			Atlantic bonito	2
	black sea bass	2			American eel	1
	summer flounder	2				
	Atlantic menhaden	1				
needlefish	1					
Spanish mackerel	1					
1992	Atlantic mackerel	82	scup	429	scup	100
	bluefish	55	bluefish	83	bluefish	64
	scup	41	striped bass	21	winter flounder	43
	winter flounder	16	tautog	17	tautog	39
	summer flounder	8	black sea bass	11	Atlantic mackerel	28
	albacore	4	northern searobin	11	summer flounder	20
	striped bass	4	Atlantic mackerel	3	striped bass	15
	Atlantic bonito	3	left-eye flounder	2	Atlantic cod	13
	Atlantic herring	2	summer flounder	2	black sea bass	11
	pollock	2			Atlantic bonito	5
	northern searobin	1			Atlantic silverside	2
	rainbow smelt	1			bluefin tuna	2
	searobin	1			haddock	1
					yellowtail flounder	1

Table 5. Numbers and species observed by MRFSS interviewers from surveys conducted in Dukes/Barnstable/Nantucket counties

Year	Shore		Party/Charter		Private/Rental	
	Species Name	Total Number	Species Name	Total Number	Species Name	Total Number
1993	bluefish	52	bluefish	126	bluefish	215
	Atlantic bonito	50	scup	51	Atlantic bonito	100
	rainbow smelt	45	striped bass	18	winter flounder	81
	scup	21	tautog	16	scup	66
	winter flounder	20	Atlantic cod	11	summer flounder	43
	Atlantic silverside	15	Atlantic bonito	4	tautog	40
	cunner	14	black sea bass	2	striped bass	24
	striped bass	5	ocean pout	2	Atlantic cod	6
	tautog	5	winter flounder	2	black sea bass	6
	windowpane	5	summer flounder	1	Spanish sardine	4
	pollock	2			windowpane	2
	summer flounder	2			Atlantic menhaden	1
	Atlantic tomcod	1			lamprey sea	1
	blueback herring	1			shortfin mako shark	1
	mummichog	1			Spanish mackerel	1
	northern searobin	1			spiny dogfish shark	1
winter skate	1					
1994	bluefish	55	scup	224	bluefish	107
	sand lance	18	bluefish	87	Atlantic mackerel	88
	American sandlance	15	summer flounder	21	summer flounder	68
	scup	15	Atlantic mackerel	18	striped bass	40
	Atlantic mackerel	14	striped bass	17	winter flounder	35
	summer flounder	13	northern searobin	12	scup	29
	striped bass	6	tautog	6	Atlantic bonito	20
	winter flounder	5	Atlantic bonito	2	tautog	17
	albacore	2	Atlantic cod	2	skipjack tuna	6
	Atlantic bonito	2	black sea bass	1	Atlantic cod	2
	cunner	2	blueback herring	1	bigeye tuna	2
	windowpane	2	shortfin mako shark	1	cunner	2
	Atlantic menhaden	1	skipjack tuna	1	black sea bass	1
	blueback herring	1			chub mackerel	1
	pollock	1			striped searobin	1
	rainbow smelt	1			yellowfin tuna	1
skipjack tuna	1					
1995	bluefish	66	bluefish	107	bluefish	169
	Atlantic bonito	5	scup	67	Atlantic mackerel	101
	white perch	3	striped bass	39	summer flounder	84
	winter flounder	3	finescale menhaden	29	striped bass	53
	striped bass	2	tautog	6	scup	43
	Atlantic herring	1	black sea bass	5	winter flounder	39
	cunner	1	Atlantic bonito	4	tautog	19
	scup	1	white perch	2	yellowfin tuna	7
	summer flounder	1	winter flounder	2	Atlantic bonito	6
	tautog	1	pollock	1	black sea bass	4
			summer flounder	1	Atlantic menhaden	3
			yellowfin tuna	1	bluefin tuna	2
					skipjack tuna	2
					bigeye tuna	1
				blueback herring	1	
				cunner	1	

Table 5. Numbers and species observed by MRFSS interviewers from surveys conducted in Dukes/Barnstable/Nantucket counties

Year	Shore		Party/Charter		Private/Rental	
	Species Name	Total Number	Species Name	Total Number	Species Name	Total Number
1996	bluefish	14	bluefish	57	bluefish	79
	Atlantic mackerel	13	scup	30	Atlantic mackerel	60
	winter flounder	11	striped bass	25	winter flounder	54
	striped bass	3	finescale menhaden	7	scup	43
	Atlantic bonito	2	tautog	4	striped bass	43
	summer flounder	2	pollock	3	summer flounder	28
	windowpane flounder	2	black sea bass	2	tautog	24
	tautog	1	summer flounder	2	Atlantic bonito	6
			Atlantic mackerel	1	cunner	2
					little skate	2
					smooth dogfish	2
					Atlantic herring	1
					black sea bass	1
				northern searobin	1	
				shorthorn sculpin	1	
1997	bluefish	26	finescale menhaden	49	bluefish	68
	striped bass	22	striped bass	36	striped bass	50
	Atlantic mackerel	12	scup	31	summer flounder	27
	summer flounder	10	bluefish	18	scup	22
	blueback herring	5	black sea bass	6	Atlantic mackerel	17
	scup	4	tautog	4	winter flounder	15
	windowpane flounder	4	Atlantic bonito	3	black sea bass	4
	winter flounder	1	summer flounder	3	tautog	4
			pollock	2	Atlantic bonito	3
					finescale menhaden	3
				spiny dogfish	2	
				little skate	1	
				sand lance	1	
				skate	1	
1998	striped bass	21	striped bass	47	summer flounder	103
	bluefish	12	pollock	39	striped bass	69
	Atlantic mackerel	11	bluefish	30	bluefish	56
	Atlantic croaker	2	finescale menhaden	7	Atlantic mackerel	29
	pollock	2	scup	7	winter flounder	11
	summer flounder	2	Atlantic mackerel	3	scup	10
	tautog	2	Atlantic herring	2	black sea bass	7
	American eel	1	black sea bass	2	tautog	6
	American shad	1	spiny dogfish	2	cunner	4
	scup	1	winter flounder	2		
	white perch	1	summer flounder	1		
	yellowtail flounder	1	tautog	1		
1999	bluefish	18	striped bass	10	summer flounder	47
	striped bass	7	finescale menhaden	8	striped bass	46
	winter flounder	5	scup	6	Atlantic mackerel	23
	cunner	3	bluefish	2	bluefish	18
	summer flounder	3	winter flounder	1	winter flounder	17
	Atlantic mackerel	2			scup	5
	white perch	2			tautog	5
	Atlantic bonito	1			black sea bass	4
	Atlantic tomcod	1			albacore tuna	1
	longhorn sculpin	1			Atlantic bonito	1
	pollock	1				
	shark (NS)	1				
	tautog	1				

Table 5. Numbers and species observed by MRFSS interviewers from surveys conducted in Dukes/Barnstable/Nantucket counties

Year	Shore		Party/Charter		Private/Rental	
	Species Name	Total Number	Species Name	Total Number	Species Name	Total Number
2000	striped bass	10	scup	35	summer flounder	83
	bluefish	7	striped bass	18	scup	44
	scup	5	summer flounder	9	striped bass	40
	black sea bass	4	bluefish	7	bluefish	28
	rainbow smelt	4	Atlantic cod	6	bluefin tuna	9
	summer flounder	3	black sea bass	6	black sea bass	8
	winter flounder	3	Atlantic bonito	2	tautog	7
	northern searobin	2			winter flounder	7
	Spanish mackerel	1			Atlantic mackerel	4
				Atlantic bonito	2	
				white perch	1	
2001	striped bass	20	bluefish	85	bluefish	85
	scup	19	scup	27	striped bass	66
	bluefish	15	striped bass	22	summer flounder	28
	alewife	3	summer flounder	5	scup	27
	Spanish mackerel	3	Atlantic cod	1	Atlantic bonito	15
	Little tunny	1	black sea bass	1	black sea bass	12
	black sea bass	1			tautog	4
	tautog	1			Atlantic cod	3
				winter flounder	2	
				cunner	1	
2002	Atlantic mackerel	84	scup	197	striped bass	73
	striped bass	29	Atlantic cod	99	bluefish	50
	scup	15	striped bass	36	summer flounder	29
	cunner	15	bluefish	21	black sea bass	15
	summer flounder	7	summer flounder	11	scup	14
	bluefish	5	black sea bass	9	winter flounder	6
	winter flounder	5	pollock	2	tautog	5
	Atlantic herring	1			Atlantic cod	5
	Brown trout	1			yellowtail flounder	1
	little tunny	1			windowpane	1
	albacore tuna	1			little skate	1
					Atlantic mackerel	1
				Atlantic bonito	1	
2003	Atlantic mackerel	49	scup	274	striped bass	75
	striped bass	19	Atlantic cod	68	summer flounder	41
	bluefish	12	cunner	60	bluefish	33
	tautog	3	striped bass	44	scup	20
	summer flounder	3	black sea bass	34	Atlantic mackerel	20
	little tunny	2	bluefish	13	black sea bass	7
	spiny dogfish	1	tautog	4	winter flounder	4
	scup	1	winter flounder	3	tautog	3
	winter flounder	1	summer flounder	2	bluefin tuna	3
					Atlantic cod	2
					spiny dogfish	1
					blueback herring	1
				little tunny	1	
2004	Atlantic mackerel	25	scup	473	striped bass	54
	striped bass	12	Atlantic cod	89	bluefish	42
	alewife	10	black sea bass	85	summer flounder	27
	scup	10	striped bass	34	scup	22
	winter flounder	4	bluefish	15	black sea bass	8
	bluefish	3	tautog	4	Atlantic mackerel	3
	Brown trout	1	haddock	2	Atlantic bonito	1
	little tunny	1	northern searobin	2		
			Atlantic wolfish	1		
			Atlantic bonito	1		

Attachment D

**NOAA Fisheries Recreational
Vessel Trip Report (VTR) Data**

Table 1. 1994 recreational landings (counts) reported by federally-permitted charter and party boats for Area 537
 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month												Total	
	April	May	June	July	August	September	October	November	December					
Albacore Tuna				240	412		269	48						969
American Lobster				2,750			5,757	6,399	4,450					19,356
Atlantic Mackerel		6												6
Big Eye Tuna					2		1	1						4
Black Sea Bass													115	115
Black Whiting			10				2,500							2,500
Blue Shark				1			14							25
Bluefin Tuna				255	27		238	8						528
Bluefish			37	249	13		25	25,500						25,824
Bonito				90			27	1						118
Butterfish							500		50					550
Cod	2,053	935	1,872	3,023	1,149		101					212		9,345
Cunner		10												10
Dolphin Fish (Mahi-Mahi)				1	239		50							290
Dusky Shark							88							88
Hake (Species Not Specified)				300								4,600		300
Illex Squid														4,600
Jonah Crab							81							81
Little Tuna					1		1							2
Loligo Squid			15,250				196,536							219,786
Mako Shark (Longfin)								1						1
Mako Shark (Shortfin)			1	2	1		1	2						7
Mako Shark (Species Not Specified)				2										2
Monkfish (Anglerfish/Goosefish)		850	8,200						391					9,441
Ocean Pout		56												56
Pollock		45	400	100				25						570
Red Hake (Ling)								75						125
Sandbar Shark				2										2
Scup (Fogy)		750		100										5,900
Silver Hake (Whiting)		1,000					2							1,002
Skipjack Tuna					34		5							39
Spiny Dogfish		5												5
Squid (Species Not Specified)								1,500	650					2,150
Striped Bass				32								5		37
Summer Flounder (Fluke)		200					985							7,730
Thresher Shark			73	1	1									75
Tuna (Species Not Specified)					3		2							5
White Hake								25,500	8,350			12		33,862
Winter Flounder (Blackback)		1							2,747					2,748
Witch Flounder (Gray Sole)			500						15					515
Yellowfin Tuna			2	230	1,427		1,419	222						3,300
Yellowtail Flounder					8									8
Grand Total	2,053	19,108	11,095	7,288	3,407	208,476	33,908	66,398	344					352,077

Table 2. 1995 recreational landings (counts) reported by federally-permitted charter and party boats for Area 537
 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Albacore Tuna								14	25	51			90
American Lobster		208					4,326	328		942			5,804
Atlantic Mackerel					18					100			118
Big Eye Tuna					20		1		204				205
Black Sea Bass								40					60
Blue Shark						119	25	4	1				149
Bluefin Tuna						27	446	380	200				1,053
Bluefish					6	40	121	223	445	2,556			3,391
Bonito								31	75				106
Butterfish						850		600		1,400			2,850
Chub Mackerel										40			40
Cod	376	462	773	797	2,256	4,580	2,048	1,551	870	707			14,420
Cunner					4	20	18						22
Cusk													20
Dogfish (Species Not Specified)					76			1					77
Dolphin Fish (Mahi-Mahi)							7	12	82				101
Flounder (Species Not Specified)					1								1
Haddock						155							155
Hake (Species Not Specified)						300							300
Illex Squid					3,485								3,485
John Dory	250									25			275
Jonah Crab										125			125
Little Tuna								8		1			9
Loligo Squid						1,000	5,250	1,000		5,400			12,650
Mako Shark (Shortfin)						246	258	3					507
Mako Shark (Species Not Specified)						2	5						7
Monk Tail	1,280												1,280
Monkfish (Anglerfish/Goosefish)		16			29	4,550	331	100	1,115	700			6,841
Ocean Pout				11	345	12	4						372
Other Finfish											10		10
Pollock	10				71	689	12	74		25			881
Red Hake (Ling)					906	4,864	3,600	1,000					10,370
Sandbar Shark							1						1
Scup (Porgy)					1,025								1,230
Sea Robins					200								200
Silver Hake (Whiting)					918	4,772	20,701	5,000	58,800				90,191
Skipjack Tuna						1	37		13				51

Table 2. 1995 recreational landings (counts) reported by federally-permitted charter and party boats for Area 537 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month												Total	
	January	February	March	April	May	June	July	August	September	October	November	December		
Spiny Dogfish					3									3
Squid (Species Not Specified)									800					800
Striped Bass					8	3	1	16	23					51
Summer Flounder (Fluke)	3,100				107		114	18	740	1,500		400		5,979
Swordfish									3	1				4
Tautog					43									43
Thresher Shark						1								1
Tilefish						144								144
Tuna (Species Not Specified)								13	3	2				18
White Hake						1,100		400						1,500
White Marlin							2		130					132
Winter Flounder (Blackback)					147					800				947
Wolffish (Ocean Catfish)						251								251
Yellowfin Tuna							1,010	2,661	17,944	994		11		22,620
Yellowtail Flounder							1		25					26
Grand Total	5,016	686	773	808	9,668	23,697	37,865	13,540	81,733	15,769		411		189,966

Table 3. 1996 recreational landings (counts) reported by federally-permitted charter and party boats for Area 537
 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month												Total
	February	March	April	May	June	July	August	September	October	November	December		
Albacore Tuna					15	8	17	11	19				55
Atlantic Herring						100	100						15
Atlantic Mackerel						10	1	1					200
Big Eye Tuna					6	1			15	150	20		192
Black Sea Bass					26	27	22	12	1				88
Blue Shark					5	13	1						19
Bluefin Tuna				2	41	1,052	3,882	144	27	12			5,160
Bluefish						61	45						106
Bonito	586	699	2,174	2,407	2,262	1,676	494	65	61	310	404		11,138
Cod			69	21	44	45					30		209
Cunner						6	11	1					18
Dolphin Fish (Mahi-Mahi)						1							1
Dusky Shark					75								75
Haddock					2	100	2	120					224
Hake (Species Not Specified)						1	1		1				3
Mako Shark (Longfin)					2	2	2	2					6
Mako Shark (Shortfin)						1	1	1					3
Mako Shark (Species Not Specified)													1
Marlin (Species Not Specified)													2
Monkfish (Anglerfish/Goosefish)					2								2
Ocean Pout		5	24	178	51	22							280
Other Finfish							6						6
Pollock			93	263	266	167	390		80	47	10	1	1,316
Porbeagle Shark					20								30
Redfish (Ocean Perch)			10			8							8
Sculpins									1,980	2			1,982
Scup (Porgy)													7
Sea Raven					2	5							7
Shark (Species Not Specified)						2							2
Silver Hake (Whiting)			30		50				100				180
Skipjack Tuna						12	70	25					107
Spiny Dogfish			29	5	2								36
Striped Bass				8	65	57	86	86	28	16			346
Summer Flounder (Fluke)					79	270	8						357
Swordfish								1					1
Thresher Shark						1	1	2					4
Tilefish									15				15
Tuna (Species Not Specified)							1						1
White Hake				160	500	1					140		801
Winter Flounder (Blackback)				1									1
Wolffish (Ocean Catfish)				12	2								14
Yellowfin Tuna						14	144	229	65				452
Yellowtail Flounder							230						230
Grand Total	586	704	2,429	3,059	3,610	3,493	5,663	626	2,392	537	605		23,704

Table 4. 1997 recreational landings (counts) reported by federally-permitted charter and party boats for Area 537
 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Albacore Tuna							1,000	3	158	46			207
American Lobster													1,000
Atlantic Mackerel				30									30
Big Eye Tuna								2					2
Black Sea Bass	3					1	30	10	58	900			1,395
Blue Shark						2	598	9		393			609
Bluefin Tuna							19	16					35
Bluefish						54	1,998	5,771	5,031	2,172	22		15,048
Bonito						15	41	101	95				252
Cod	142	15	1,306	877	2,029	948	749	1,442	304	43	49	6	7,910
Conger Eel					30								30
Cunner			4	25				4	200				233
Cusk						15							15
Dogfish (Species Not Specified)								2					2
Dolphin Fish (Mahi-Mahi)								11	224	200			435
Dusky Shark							1						1
Hake (Species Not Specified)				8	320	260							588
Little Tuna								17	5	4			26
Mako Shark (Shortfin)							4	4					8
Mako Shark (Species Not Specified)							3	1					4
Monkfish (Anglerfish/Goosefish)	1												1
Northern Puffer						4							4
Ocean Pout			50	342	214								612
Other Finfish							10						10
Pollock	15		95	34	161	122	30	36	3				496
Red Hake (Ling)			15	5			1						21
Redfish (Ocean Perch)													55
Scup (Porgy)							35		120	1,046			1,201
Silver Hake (Whiting)				40	40								80
Skipjack Tuna							13	36	28	25			102
Spiny Dogfish				15	21			11					47
Striped Bass				4	46	125	49	13	14				251
Summer Flounder (Fluke)				2	15	47	12	1		4			80
Swordfish										80			81
Tautog			2	65							59		126
Thresher Shark								1					1
Tilefish						200							200
Tuna (Species Not Specified)							4						4
Wahoo									30				30
White Hake			275										305
Winter Flounder (Blackback)											72		86
Wolfish (Ocean Catfish)													1
Yellowfin Tuna							20	381	300	24			725
Grand Total	197	15	1,747	1,416	2,914	1,666	4,643	7,882	6,557	3,807	599	906	32,349

Table 5. 1998 recreational landings (counts) reported by federally-permitted charter and party boats for Area 537
 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month												Total
	February	March	April	May	June	July	August	September	October	November	December		
Albacore Tuna						11	119	8,021	2,136				10,287
American Shad									6				6
Atlantic Mackerel				50									50
Big Eye Tuna						4		186	3				193
Black Sea Bass		15						104	40	159	390		708
Blue Shark					1	68		2					71
Bluefin Tuna						6		151					157
Bluefish				2	8	3,068	3,516	39	801				7,434
Bonito						2	8	101	164				275
Butterfish									43				43
Cod	20	739	329	1,322	1,046	1,301	908	208	12	119	25		6,029
Conger Eel									30				30
Dogfish (Species Not Specified)								2					2
Dolphin Fish (Mahi-Mahi)						37	265	220	2				524
Flounder (Species Not Specified)								1					1
Haddock				40									40
Hake (Species Not Specified)						6							6
Little Tuna							24	49					73
Loligo Squid									7,080				7,080
Mako Shark (Longfin)								1					1
Mako Shark (Shortfin)						1	1	1					3
Mako Shark (Species Not Specified)						1		1					2
Monk Livers									41				41
Monkfish (Anglerfish/Goosefish)									300				300
Ocean Pout				35		5	54						94
Other Finfish								4					4
Pollock			6	130	301	214							651
Red Hake (Ling)									2,415				2,415
Scup (Porgy)		30						81		220			331
Silver Hake (Whiting)				100					9,889				9,989
Skipjack Tuna							37	75					112
Squid (Species Not Specified)									9,335				9,335
Striped Bass		10		12	140	163	183	143	86	91			828
Summer Flounder (Fluke)				130	119	200	278	64					791
Tautog			80						112	310			502
Thresher Shark						1							1
Tilefish									102				102
Tuna (Species Not Specified)								165	4				169
Wahoo								2					2
Yellowfin Tuna				1	45	221	330	81					678
Yellowtail Flounder							11						11
Grand Total	20	794	415	1,821	1,616	5,127	5,620	9,962	32,682	899	415		59,371

Table 6. 1999 recreational landings (counts) reported by federally-permitted charter and party boats for Area 537
 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month												Total
	February	March	April	May	June	July	August	September	October	November	December		
Albacore Tuna							561	124	31				716
Big Eye Tuna							1		2				3
Black Sea Bass						42	352	105	232	106	297		1,134
Blue Shark					2	7	1	3					13
Bluefin Tuna						10	13	62	9				94
Bluefish				6	37	58	80	43	150	1			375
Bonito						5	53	84	132				274
Butterfish				10	4								14
Cod	215	890	1,692	1,687	870	469	682	62	187	177	16		6,947
Cunner		6		20	9								35
Cusk					22								22
Dogfish (Species Not Specified)							3						3
Dolphin Fish (Mahi-Mahi)						78	364	213					655
Haddock			47	60	5								60
Hake (Species Not Specified)							3	22	5	2,000			52
Little Tuna													30
Loligo Squid									1				2,000
Mako Shark (Longfin)							1						1
Mako Shark (Shortfin)						2	1	1					4
Monk Tails				9,200									9,200
Monkfish (Anglerfish/Goosefish)				6,800									6,800
Ocean Pout			54	137	41	23	5						260
Ocean Sunfish (Moola)								1					1
Other Finfish				40			1						41
Pollock		350	785	232	460		9	23		1	5		1,865
Red Hake (Ling)			100	64	270		25	15					474
Redfish (Ocean Perch)			5							15			20
Scup (Porgy)					500	2,700	5,925	2,115	1,100	4,000			16,340
Shark (Species Not Specified)						1							1
Silver Hake (Whiting)										10			10
Skipjack Tuna							39	33					72
Spiny Dogfish				50	65								115
Striped Bass			3	87	11	43	19	70	18				251
Summer Flounder (Fluke)						162							162
Swordfish							1						1
Tautog							75	8		106	25		214
Thresher Shark						1							1
Tilefish					83			2					85
Tuna (Species Not Specified)							17	7					24
Wahoo							4	126					130
White Hake				3			40	40					83
Winter Flounder (Blackback)			409	116									525
Yellowfin Tuna					5	70	240	914	130				1,359
Yellowtail Flounder							7						7
Grand Total	215	1,246	3,092	18,428	2,460	3,639	8,545	4,022	2,049	6,434	343		50,473

Table 7. 2000 recreational landings (counts) reported by federally-permitted charter and party boats for Area 537 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Albacore Tuna							77	380	164	90			711
Black Sea Bass	70					663	620	698	575	20	1,108	265	4,019
Blue Shark						8	3		6				17
Bluefin Tuna							1		22	19			42
Bluefish							31	78	87	17	25		238
Bonito								6	30				36
Cod	35	39	261	129	375	30	495	465	280		89	1,418	3,616
Cunner	15	38	14				35	4				2	108
Cusk	12		1		88								101
Dolphin Fish (Mahi-Mahi)						6	46	43		2			97
King Whiting (Kingfish)								12					12
Little Tuna								6					6
Mako Shark (Shortfin)						2	3	3					8
Mako Shark (Species Not Specified)						1							1
Ocean Pout					20	28			6				54
Pollock		60	27	4	500				1				622
Red Hake (Ling)	300	375	325	100	5	10	30	34			218	30	1,572
Sculpins						3	3						3
Scup (Porgy)						2,650	3,250	3,939	2,053	6	1,190	5	13,093
Sea Raven						2	2						2
Silver Hake (Whiting)							9	5	6		2		2
Skipjack Tuna							31	62	88				20
Striped Bass						8	31	62	88	30	19		238
Summer Flounder (Fluke)							9	161					170
Swordfish									1				1
Tautog						32	150	50	20		300		552
Thresher Shark						1	1	1	1				3
Tilefish					83				7				90
Wahoo									3				3
White Hake		175	40		300	15							530
Winter Flounder (Blackback)				159	130								289
Yellowfin Tuna						29	64	378		137			608
Yellowtail Flounder										20			20
Grand Total	432	687	668	392	1,501	3,429	4,800	5,996	3,792	341	2,951	1,895	26,884

Table 8. 2001 recreational landings (counts) reported by federally-permitted charter and party boats for Area 537 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month												Total
	February	March	April	May	June	July	August	September	October	November	December		
Albacore Tuna						143	100	157	6				406
Atlantic Mackerel				50									50
Big Eye Tuna								1					1
Black Sea Bass		12			85	431	375	115	1,650	924	130		3,722
Blue Shark					2	2	8		3				15
Bluefin Tuna					1		10	1,398	6				1,415
Bluefish				6	12	928	134	2,011	170	67			3,328
Bonito						1	11	75					87
Butterfish						1							1
Cod	301	160	803	243	835	759	381	31	193	39	26		3,771
Cunner	7	3		6									16
Cusk					300								300
Dolphin Fish (Mahi-Mahi)						81	160	507	43				791
Eel (Species Not Specified)		5											5
Flounder (Species Not Specified)				1									1
Haddock	1				21								22
Little Tuna							106						106
Mako Shark (Longfin)					383								383
Mako Shark (Shortfin)						5	178						183
Mako Shark (Species Not Specified)						1	5	1					7
Ocean Pout	2		43	119	63	129							356
Other Finfish						6	1						7
Pollock	10	40		40	570	1	1		10		6		678
Red Hake (Ling)	395	366	524	289	207	160	36		51		181		2,209
Rock Crab						19							19
Scup (Porgy)					380	527	2,078	1,088	4,805	427			9,305
Shark (Species Not Specified)						1							1
Silver Hake (Whiting)	70	20				2			4		15		111
Skipjack Tuna						3	19	14					36
Smooth Dogfish					1								1
Striped Bass				88	98	165	27	5	66	24			473
Summer Flounder (Fluke)				49	386	880	42						1,357
Swordfish								1					1
Tautog			4							20			24
Thresher Shark						2							2
Tilefish					110				12				122
Tuna (Species Not Specified)									1				1
Whale (Conch Species Not Specified)						1							1
White Hake				1									1
Winter Flounder (Blackback)		1	109	154		26	9						299
Yellowfin Tuna						34	89	145	42				310
Grand Total	786	607	1,483	1,046	3,454	4,308	3,664	5,655	7,062	1,501	358		29,924

Table 9. 2002 recreational landings (counts) reported by federally-permitted charter and party boats for Area 537 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Albacore Tuna								242	42	47			331
Atlantic Mackerel				75			1	1					77
Black Sea Bass	42					13	15	30	40	326	5,672	245	6,383
Blue Runner										3			3
Blue Shark								1					1
Bluefin Tuna							36	11	49	13			109
Bluefish					3	35	129	124	61	50	467		869
Bonito							10		10				20
Cod	122	6	149	159	69	285	84	6		12	8	2	902
Cunner				19							116	10	145
Cusk						10							10
Dogfish (Species Not Specified)									1				1
Dolphin Fish (Mahi-Mahi)							3	10	354	587			954
Eel (Species Not Specified)											1		1
Golden Tilefish										5			5
Haddock						29							29
Hake (Species Not Specified)			50										50
Mako Shark (Shortfin)						1	1	3	1				6
Mako Shark (Species Not Specified)						1	5	1					7
Monkfish (Anglerfish/Goosefish)						1							1
Ocean Pout	20				200	4	10						234
Pollock	30		10		9	40					1	2	92
Red Hake (Ling)	35		376	116			6				9	80	622
Scup (Porgy)	6								10	782	16,892	1	17,690
Silver Hake (Whiting)					50								51
Skate									4				4
Skipjack Tuna							16	18	27				61
Spiry Dogfish				15	25						33	1	74
Striped Bass				61	122	102	232	55	108		27		707
Summer Flounder (Fluke)						39	249	55	11				354
Swordfish									1				1
Tautog				23						56	712	40	831
Thresher Shark							1						1
Tilefish									24				24
Wahoo									1				1
White Hake													20
Winter Flounder (Blackback)	20			26			1			4	8		39
Wolfish (Ocean Catfish)						1							1
Yellowfin Tuna							6	44	100	82			232
Grand Total	275	6	585	433	417	581	675	778	767	2,099	23,946	381	30,943

**Table 10. 2003 recreational landings (counts) reported by federally-permitted charter and party boats for Area 537
(Source: NMFS Vessel Trip Report Data for Area 537)**

Species	Counts by Month												Total
	March	April	May	June	July	August	September	October	November	December			
Albacore Tuna						8	52	107	16				183
Big Eye Tuna								2					2
Black Sea Bass					141	20		440	235				836
Blue Shark				311	10	12							333
Bluefin Tuna					23	41	14	79					157
Bluefish				14	307	722	60	29					1,132
Bonito							2						2
Cod	166	809	926	1,100	17				3	410			3,431
Cunner	20	2	9	50	12			5	5				103
Cusk			65	16									81
Dolphin Fish (Mahi-Mahi)						501	266	66					833
Golden Tilefish			3	50									53
Haddock			51	350									401
Little Tuna							5						5
Mako Shark (Longfin)					1								1
Mako Shark (Shortfin)					4			2					6
Mako Shark (Species Not Specified)						2	1						3
Ocean Pout			15										15
Pollock	1	12	313	175					1	10			512
Red Hake (Ling)	149	11	55	7									222
Scup (Porgy)					47	51	1,000	16,600	2,350				20,048
Sea Raven			4										4
Silver Hake (Whiting)					70								70
Skipjack Tuna						28	19						47
Spiny Dogfish									2				2
Striped Bass			30	18	356	654	96						1,154
Summer Flounder (Fluke)			113	28	2,403	2,480		1	1				5,026
Swordfish									2				2
Tautog			129		1				329				459
Thresher Shark					2								2
Wahoo							60	2					62
White Marlin						1							1
Winter Flounder (Blackback)			11						2				13
Wolffish (Ocean Catfish)				1									1
Yellowfin Tuna				2	178	1,218	246		21				1,665
Grand Total	336	834	1,724	2,120	3,396	4,698	2,793	17,579	2,967	420			36,867

Table 11. 2004 recreational landings (counts) reported by federally-permitted charter and party boats for Area 537 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month												Total
	February	March	April	May	June	July	August	September	October	November	December		
Albacore Tuna						6	60	92	53				211
Big Eye Tuna									2				2
Black Sea Bass					30	3	60	150	335	14			592
Blue Shark					3	13	12						28
Bluefin Tuna					1	95	30	30	12				138
Bluefish					28	57	777	19	42				923
Bonito							2	100	51				153
Cod	167	565	300		24	52	34		12		1		1,155
Conger Eel											20		20
Cunner			2			10							12
Cusk									4				4
Dolphin Fish (Mahi-Mahi)						1	64	207	227				499
Haddock									15				15
Little Tuna								11	1				12
Mako Shark (Longfin)					2		2						4
Mako Shark (Shortfin)						208	6	2	1				217
Pollock	1		4						3				8
Porbeagle Shark						1							1
Red Hake (Ling)		1		1	12	60				12	30		104
Scup (Porgy)							300	524	4,900	11			5,747
Skate						12	50						62
Skipjack Tuna							3	9					12
Striped Bass					16		24	7	19				66
Summer Flounder (Fluke)				100	470	1,269	1,242	29					3,110
Swordfish									2				2
Tautog				37									37
Thresher Shark						2							2
Thresher Shark (Bigeye)									1				1
Triggrfish							10						10
Wahoo							115	83	1				199
Winter Flounder (Blackback)						6	2						8
Yellowfin Tuna						5	503	699	165				1,372
Grand Total	168	566	306	138	585	1,706	3,361	1,962	5,846	37	51		14,726

Table 12. Recreational landings (counts) by species and month reported by federally-permitted charter and party boats for Area 537 from 1994-2004
 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month from 1994-2004												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Albacore Tuna							485	1,916	9,115	2,634	16		14,166
American Lobster		208					8,076	328	5,757	7,341	4,450		26,160
American Shad						15				6			6
Atlantic Herring													15
Atlantic Mackerel				75	154		101	101		100			531
Big Eye Tuna						15	4	395	10				424
Black Sea Bass	115		27		20	797	1,254	1,565	1,139	3,116	8,761	2,362	19,156
Black Whiting								2,500					2,500
Blue Runner										3			3
Blue Shark						484	754	69	38	4			1,349
Bluefin Tuna					1	358	681	2,361	346				3,747
Bluefish					25	306	7,998	15,320	7,940	6,039	26,094		63,722
Bonito						33	303	650	443				1,429
Butterfish					10	854	1	600	500	1,443	50		3,458
Chub Mackerel										40			40
Cod	675	1,811	5,708	10,122	12,249	13,852	10,673	7,112	1,820	1,328	794	2,520	68,664
Conger Eel					30					30		20	80
Cunner	15	45	47	117	70	103	120	8	200	5	121	42	893
Cusk	12		1		153	383				4			553
Dogfish (Species Not Specified)					76			6	3				85
Dolphin Fish (Mahi-Mahi)							220	1,683	2,167	1,127			5,197
Dusky Shark							1	1	88				90
Eel (Species Not Specified)			5									1	6
Flounder (Species Not Specified)					2				1				3
Golden Tilefish					3	50				5			58
Haddock					151	630				15			797
Hake (Species Not Specified)	1		50	55	322	665	308	120					1,520
Illex Squid					3,485						4,600		8,085
John Dory	250									25			275
Jonah Crab									81	125			206
King Whiting (Kingfish)									12				12
Little Tuna								53	205	11			269
Loligo Squid					15,250	1,000	5,250	1,000	196,536	12,480	10,000		241,516
Mako Shark (Longfin)					385	2	3		1	3			394
Mako Shark (Shortfin)					250	487	202	11	5				955
Mako Shark (Species Not Specified)					3	19	9	5					36
Marlin (Species Not Specified)							1						1
Monk Livers										41			41
Monk Tails	1,280				9,200								10,480
Monkfish (Anglerfish/Goosefish)	1	16			7,679	12,753	331	100	1,115	1,000	391		23,386
Northern Puffer					4								4
Ocean Pout	26	2	55	474	1,319	199	193	59	6				2,333
Ocean Sunfish (Moola)									1				1

Table 12. Recreational landings (counts) by species and month reported by federally-permitted charter and party boats for Area 537 from 1994-2004
 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Month from 1994-2004												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
Other Finfish					40		6	18	14				78
Pollock	55	71	523	938	1,764	3,023	524	510	27	143	50	63	7,691
Porbeagle Shark							1					1	2
Red Hake (Ling)	335	770	1,232	856	1,320	5,358	3,857	1,095	15	2,541	289	466	18,134
Redfish (Ocean Perch)				20	50	20					15		105
Rock Crab							19						19
Sandbar Shark							3						3
Sculpins							11						11
Scup (Porgy)	6		30		1,775	3,542	6,659	12,293	6,996	31,419	30,142	5	92,867
Sea Raven					4	2	7						13
Sea Robins					200								200
Shark (Species Not Specified)						4							4
Silver Hake (Whiting)		70	20	70	2,108	4,822	20,773	5,000	58,802	9,993	12	16	101,686
Skate							12	50	4				66
Skipjack Tuna							54	326	254	25			659
Smooth Dogfish					1								1
Spiny Dogfish				59	109	67			11		35	1	282
Squid (Species Not Specified)									800	10,835	650		12,285
Striped Bass			10		214	603	1,043	1,376	535	421	195	5	4,402
Summer Flounder (Fluke)	3,100				701	1,136	5,603	4,296	1,829	1,501	6,550	400	25,116
Swordfish							2	7	83		2		94
Tautog			2	172	209	32	151	125	28	168	1,836	65	2,788
Thresher Shark						73	14	3					93
Thresher Shark (Bigeye)										1			1
Tilefish					83	537			9	153			782
Triggerfish								10					10
Tuna (Species Not Specified)								38	177	7			222
Wahoo								119	305	3			427
Wheel (Conch Species Not Specified)							1						1
White Hake	50	175	315		464	1,600	16	440	40	25,500	8,350	152	37,102
White Marlin							2	1	130				133
Winter Flounder (Blackback)			1	703	572		35	11		804	2,829		4,955
Witch Flounder (Gray Sole)						500					15		515
Wolffish (Ocean Catfish)					13	255							268
Yellowfin Tuna						8	1,465	5,952	23,676	2,188	21	11	33,321
Yellowtail Flounder							1	245	36	20			302
Total	5,920	3,169	8,026	13,661	59,824	54,313	76,940	63,154	326,345	123,534	106,269	6,129	847,284

Table 13. Top 10 recreational species landings (counts) reported by federally-permitted charter and party boats for Area 537 from 1994-2004 (Source: NMFS Vessel Trip Report Data for Area 537)

Species	Counts by Year										Total		
	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003		2004	
Loligo Squid	219,786	12,650			7,080	2,000							241,516
Silver Hake (Whiting)	1,002	90,191	180	80	9,989	10	2	111	51	70			101,686
Scup (Porgy)	5,900	1,230	1,982	1,201	331	16,340	13,093	9,305	17,690	20,048	5,747		92,867
Cod	9,345	14,420	11,138	7,910	6,029	6,947	3,616	3,771	902	3,431	1,155		68,664
Bluefish	25,824	3,391	5,160	15,048	7,434	375	238	3,328	869	1,132	923		63,722
White Hake	33,862	1,500	801	305		83	530	1	20				37,102
Yellowfin Tuna	3,300	22,620	452	725	678	1,359	608	310	232	1,665	1,372		33,321
American Lobster	19,356	5,804		1,000									26,160
Summer Flounder (Fluke)	7,730	5,979	357	80	791	162	170	1,357	354	5,026	3,110		25,116
Monkfish (Anglerfish/Goosefish)	9,441	6,841	2	1	300	6,800			1				23,386
Total	337,540	166,621	22,068	28,347	34,630	36,075	20,257	20,184	22,121	33,375	14,311		713,540

Attachment E

**NOAA Fisheries Resource Trawl
Data**

Table 1. Total annual catch number for each species reported in the fall trawls conducted from 1964-2002 (Source: NMFS Research Trawl Data)

Species Name	1964	1976	1978	1979	1980	1987	1991	1995	1999	2002	Total
ALEWIFE	1										1
AMERICAN LOBSTER								2			2
AMERICAN LOBSTER-MALE										1	1
AMERICAN SHAD								1			1
ATLANTIC BONITO										1	1
ATLANTIC COD			2								2
ATLANTIC MACKEREL			1			3		2			6
ATLANTIC ROCK CRAB			1		1				8		10
BLACK SEA BASS	1	6		33				1	22		63
BLUEFISH					1	2		5		2	10
BLUESPOTTED CORNETFISH									1		1
BUTTERFISH		2			64	235	10	14	302	65	692
CONGER EEL									1		1
FLUKE										6	6
FOURSPOT FLOUNDER		6	7	19	3		1	4	14		54
GOOSEFISH	1		1								2
GULF STREAM FLOUNDER									2		2
JONAH CRAB						1			5		6
LADY CRAB					2	15			7		24
LADY CRAB MALE										1	1
LITTLE SKATE	13	18	20	38	15		3	11	20		138
LOLIGO SQUID										1,400	1,400
LONGFIN SQUID		122	1	211	480	442	432	136	578		2,402
LONGHORN SCULPIN									3		3
MACKEREL SCAD									13	1	14
MOUSTACHE SCULPIN			2								2
NORTHERN PIPEFISH			1	1							2
NORTHERN PUFFER				1							1
NORTHERN SEAROBIN	12	3		265			1	2	5		288
PLANEHEAD FILEFISH		1							1		2
RED HAKE	6	6	6								18
ROUGH SCAD							1				1
ROUND HERRING								1	1	2,077	2,079
SCUP	13	22		127	104	35	263	72	955		1,591
SEA RAVEN			2								2
SEA SCALLOP			1								1
SHRIMP UNCL											
SILVER HAKE	90	29	446	30			27	31	52		705
SMALLMOUTH FLOUNDER									1		1
SMOOTH DOGFISH		1		2			6	9	3		21
SMOOTH SKATE			1								1
SPIDER CRAB UNCL					1						1
SPINY DOGFISH	51	80	194	128	97	21	36	6	273		886
SPINY DOGFISH - FEMALE										5	5
STRIPED ANCHOVY									1		1
STRIPED SEAROBIN				1							1
SUMMER FLOUNDER	1					1	1	2	6		11
WINDOWPANE	28	17	25	58	5		1	6	5		145
WINTER FLOUNDER	54		26	6	3	6	1	11	6		113
WINTER SKATE			1	56	5	3	2	8	11		86
YELLOWTAIL FLOUNDER	15		4		1						20
Grand Total	286	313	742	976	782	764	785	324	2,296	3,559	10,827

Table 2. Total annual catch number for each species reported in the spring trawls conducted from 1964-2002 (Source: NMFS Research Trawl Data)

Species Name	1972	1974	1979	1981	1984	1988	1992	1993	1996	Total
ALEWIFE			6	5	2			1	3	17
AMERICAN LOBSTER								2		2
ATLANTIC COD	3	1	2	15	1			1		23
ATLANTIC HERRING		1	77	5	14			51		148
ATLANTIC ROCK CRAB				45		8		4	2	59
ATLANTIC SILVERSIDE	3		3	1	9		1		1	18
BLACK SEA BASS		1								1
BLUEBACK HERRING						1				1
FOURSPOT FLOUNDER		1								1
GOOSEFISH							1			1
JONAH CRAB							14			14
LING UNCL						1				1
LITTLE SKATE	58	73	18	60		209	1,607	253	19	2,297
LONGHORN SCULPIN	72	57	5	54	32	3	14	2	2	241
NORTHERN PIPEFISH				4			1			5
NORTHERN SAND LANCE			664		21	1			1	687
NORTHERN SEAROBIN		4								4
OCEAN POUT	95		1	12	18					126
PIPEFISH SEAHORSE UNCL						7				7
RED HAKE		37		348			1	2	5	393
SCUP		1								1
SEA RAVEN	2			7	2	5	5	2		23
SILVER HAKE		36		3						39
SMALLMOUTH FLOUNDER							2			2
SPIDER CRAB UNCL				5						5
SPINY DOGFISH		167								167
WINDOWPANE	38	42	11	54	2	21	6	4	3	181
WINTER FLOUNDER	31	20	10	132	22	28	30	8	6	287
WINTER SKATE	21	10	2	69	3	1,512	295	105	1	2,018
YELLOWTAIL FLOUNDER	15			9						24
Grand Total	338	451	799	828	126	1,796	1,977	435	43	6,793

Table 3. Total annual catch weight (kg) for each species reported in the fall trawls conducted from 1964-2002 (Source: NMFS Research Trawl Data)

Species Name	1964	1976	1978	1979	1980	1987	1991	1995	1999	2002	Total
ALEWIFE	0.0										0.0
AMERICAN LOBSTER								0.6			0.6
AMERICAN LOBSTER-MALE										0.1	0.1
AMERICAN SHAD								0.1			0.1
ATLANTIC BONITO										1.8	1.8
ATLANTIC COD			16.0								16.0
ATLANTIC MACKEREL			0.1			0.2		0.5			0.8
ATLANTIC ROCK CRAB			0.1		0.0				0.4		0.5
BLACK SEA BASS	0.5	0.5		2.7				0.0	0.0		3.7
BLUEFISH					4.7	4.5		8.0		4.0	21.2
BLUESPOTTED CORNETFISH									0.0		0.0
BUTTERFISH		0.1			0.2	9.8	0.0	0.5	2.6	0.5	13.7
CONGER EEL									0.1		0.1
FLUKE										6.1	6.1
FOURSPOT FLOUNDER		0.8	1.5	5.0	1.2		0.3	0.5	2.5		11.8
GOOSEFISH	4.1		5.5								9.6
GULF STREAM FLOUNDER									0.0		0.0
JONAH CRAB						0.1			0.3		0.4
LADY CRAB					0.0	1.1			0.0		1.1
LADY CRAB MALE										0.1	0.1
LITTLE SKATE	10.0	9.7	8.7	20.5	9.7		1.1	6.2	10.5		76.4
LOLIGO SQUID										19.9	19.9
LONGFIN SQUID		3.3	0.2	4.1	10.0	6.5	9.1	0.9	12.2		46.3
LONGHORN SCULPIN									0.0		0.0
MACKEREL SCAD									0.1	0.0	0.1
MOUSTACHE SCULPIN			0.0								0.0
NORTHERN PIPEFISH			0.0	0.0							0.0
NORTHERN PUFFER				0.0							0.0
NORTHERN SEAROBIN	3.2	0.0		5.2			0.0	0.0	0.1		8.5
PLANEHEAD FILEFISH		0.0							0.0		0.0
RED HAKE	2.3	1.5	0.6								4.4
ROUGH SCAD							0.0				0.0
ROUND HERRING								0.0	0.0	56.1	56.1
SCUP	3.2	3.8		12.1	7.0	0.7	3.9	2.7	11.2		44.6
SEA RAVEN			0.2								0.2
SEA SCALLOP			0.0								0.0
SHRIMP UNCL			0.8								0.8
SILVER HAKE	7.7	0.9	6.5	2.2			0.0	0.3	0.3		17.9
SMALLMOUTH FLOUNDER									0.0		0.0
SMOOTH DOGFISH		0.3		2.6			20.0	37.1	9.1		69.1
SMOOTH SKATE			0.5								0.5
SPIDER CRAB UNCL					0.0						0.0
SPINY DOGFISH	118.8	221.0	362.9	321.0	209.0	42.0	77.2	10.8	485.3		1,848.0
SPINY DOGFISH - FEMALE										6.4	6.4
STRIPED ANCHOVY									0.0		0.0
STRIPED SEAROBIN				0.0							0.0
SUMMER FLOUNDER	1.8					3.0	3.2	2.4	4.6		15.0
WINDOWPANE	6.8	2.5	1.8	11.5	0.7		0.2	0.5	0.3		24.3
WINTER FLOUNDER	22.2		7.2	1.5	1.0	1.3	0.2	2.8	1.3		37.5
WINTER SKATE			5.0	15.0	11.3	11.0	1.5	3.9	7.5		55.2
YELLOWTAIL FLOUNDER	3.2		1.0		0.2						4.4
Grand Total	183.8	244.4	418.6	403.4	255.0	80.2	116.7	77.8	548.4	94.9	2,423.2

Table 4. Total annual catch weight (kg) for each species reported in the spring trawls conducted from 1964-2002 (Source: NMFS Research Trawl Data)

Species Name	1972	1974	1979	1981	1984	1988	1992	1993	1996	Total
ALEWIFE			1.5	0.6	0.3			0.1	0.5	3
AMERICAN LOBSTER								0.3		0.3
ATLANTIC COD	4.5	3.6	9.5	0.0	2.7			0.0		20.3
ATLANTIC HERRING		0.0	16.5	1.0	1.6			6.7		25.8
ATLANTIC ROCK CRAB				4.0		0.8		0.4	0.1	5.3
ATLANTIC SILVERSIDE	0.0		0.0	0.0	0.0		0.0		0.0	0.0
BLACK SEA BASS		0.0								0.0
BLUEBACK HERRING						0.0				0.0
FOURSPOT FLOUNDER		0.0								0.0
GOOSEFISH							0.2			0.2
JONAH CRAB							1.3			1.3
LING UNCL						0.0				0.0
LITTLE SKATE	37.6	39.5	9.5	34.0		87.2	364.7	51.8	1.7	626.0
LONGHORN SCULPIN	16.3	13.6	1.5	19.5	10.3	1.3	4.5	0.7	0.6	68.3
NORTHERN PIPEFISH				0.0			0.0			0.0
NORTHERN SAND LANCE			2.5		0.2	0.0			0.0	2.7
NORTHERN SEAROBIN		0.9								0.9
OCEAN POUT	117.9		1.2	11.5	23.0					153.6
PIPEFISH SEAHORSE UNCL						0.0				0.0
RED HAKE		16.3		5.0			0.0	0.0	0.0	21.3
SCUP		0.0								0.0
SEA RAVEN	0.9			6.7	3.3	4.8	2.3	0.8		18.8
SILVER HAKE		14.5		0.0						14.5
SMALLMOUTH FLOUNDER							0.0			0.0
SPIDER CRAB UNCL				0.3						0.3
SPINY DOGFISH		587.4								587.4
WINDOWPANE	11.8	10.9	3.8	15.5	0.7	6.5	0.5	0.7	0.3	50.7
WINTER FLOUNDER	12.7	7.3	3.5	51.5	11.8	8.0	8.0	1.0	1.4	105.2
WINTER SKATE	21.3	17.2	6.5	27.5	5.7	639.8	162.5	73.7	0.5	954.7
YELLOWTAIL FLOUNDER	5.9			2.5						8.4
Grand Total	228.9	711.2	56.0	179.6	59.6	748.4	544.0	136.2	5.1	2,669.0