

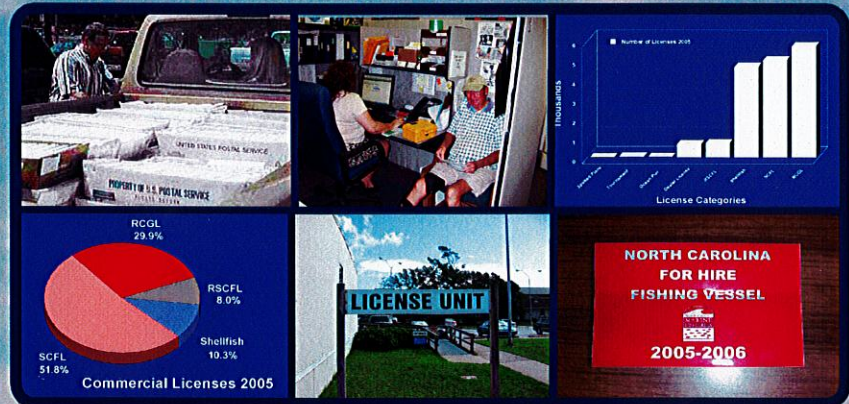
North Carolina Division of Marine Fisheries License and Statistics Section Annual Report

Issued November 1, 2005



Recreational
Statistics

License
Information



Commercial
Statistics

NORTH CAROLINA
LICENSE AND STATISTICS SECTION
SUMMARY STATISTICS
OF
LICENSE AND PERMIT PROGRAM
COMMERCIAL TRIP TICKET PROGRAM
MARINE RECREATIONAL FISHERY STATISTICS SURVEY
RECREATIONAL COMMERCIAL GEAR SURVEY
STRIPED BASS CREEL SURVEY IN THE CENTRAL
AND SOUTHERN MANAGEMENT AREA

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North Carolina Division of Marine Fisheries

License and Statistics Section

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We want to thank all the various staff members who enter, compile, edit, analyze data, and conduct the surveys and interviews that are submitted to our respective offices each year. Without their hard work and perseverance, this document would not have been accomplished. These staff members in alphabetical order are:

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LICENSE AND STATISTICS SECTION OVERVIEW

Purpose

This document provides summaries of commercial and recreational harvest and landings data and commercial fishing licenses issued for the State of North Carolina. The purpose is to disseminate the data in content and formats most often requested and to illustrate the types of information collected through the various programs within the License and Statistics Section of the NC Division of Marine Fisheries.

This is the first year that recreational and commercial landings and commercial fishing license data have been presented in the same report. Separate and distinct summary reports for each program are released on an annual basis.

More detailed statistics are available upon request by contacting the Chief, License and Statistics Section, P.O. Box 769, Morehead City, NC 28557, (252) 726-7021 or (800) 682-2632, via e-mail Dee.Lupton@ncmail.net, and on the DMF website at www.NCDMF.net.

Description

The License and Statistics Section of the North Carolina Division of Marine Fisheries includes programs that collect, process, and disseminate data on identified populations of users and the harvest and landings of coastal fisheries resources and their economic value and social impacts in North Carolina. North Carolina General Statute 113-181 authorizes these programs.

Section Mission

To license fishery participants, obtain accurate and timely data on fishery catch and effort, its social and economic importance, analyze, and distribute these data for evaluation and establishment of fishery management plans.

Section Goals

- License fishery participants.
- Collect and analyze recreational and commercial fishery catch, effort, and participation data.
- Provide fishery biological data from recreational angler fishery participants.
- Provide timely and accurate data on commercial and recreational catch, effort, and participation, license, and social and economic information to customers and fishery managers.
- Collect, analyze and disseminate reliable and current social and economic data.
- Provide excellent customer service.

Chapter I: LICENSE AND PERMIT PROGRAM

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PROGRAM NARRATIVE

The License Program issues licenses and issuable permits annually to users as mandated by general statutes and Marine Fisheries Commission rules. Data from licenses and permits are used to identify participants (individuals and businesses) and vessels involved in various fishing activities. Various survey data are also collected at the time of license and permit issuance. Program staff is involved in verifying information collected and generation of reports used for fishery management and compliance purposes.

The NCDMF License Program issues approximately 30,000 commercial, commercial/recreational, and issuable permits, annually.

Program Goal

To license fishery participants while providing accurate, timely, and courteous service.

Types of Licenses

Standard Commercial Fishing License (SCFL)

The SCFL allows the fisherman to harvest and sell fish, shrimp, crabs, or any marine species, except menhaden (captured by purse seine) and shellfish. To harvest menhaden with purse seines and shellfish, fishermen must elect endorsements to the SCFL.

The Shellfish Endorsement includes harvest of scallops, clams, conchs, whelks, oysters, and mussels in North Carolina waters. Only individual North Carolina residents are eligible for this endorsement.

The Menhaden Endorsement allows harvest and sale of menhaden by purse seine.

The SCFL is a personal license issued to an individual or business entity. It is not a vessel license. If a vessel is to be used, the vessel must have a Commercial Fishing Vessel Registration.

Retired Standard Commercial Fishing License (RSCFL)

The RSCFL allows the fisherman to harvest and sell fish, shrimp, crabs, or any marine species, except menhaden and shellfish. To harvest menhaden and shellfish, fishermen must elect endorsement(s) to the RSCFL.

The Shellfish Endorsement includes harvest of scallops, clams, conchs, whelks, oysters, and mussels in North Carolina waters.

The Menhaden Endorsement allows harvest and sale of menhaden by purse seine.

The RSCFL is a personal license issued to individuals only. It is not a vessel license. If a vessel is to be used, the vessel must have a Commercial Fishing Vessel Registration.

Shellfish License

This license allows the commercial harvest and sale of shellfish. The shellfish license holder does not need a SCFL or RSCFL to harvest and sell commercial quantities of shellfish. Shellfish includes scallops, clams, conchs, whelks, oysters, and mussels.

If a vessel is to be used, the vessel must have a Commercial Fishing Vessel Registration.

Commercial Fishing Vessel Registration (CFVR)

The registration designates a vessel that can be used in commercial fishing operations. A CFVR is requested if a vessel is going to be used with a SCFL, RSCFL, Shellfish License, or Menhaden License for Non-Residents. The decal must be adhered to the port side of the vessel.

Fish Dealer License

This license authorizes a North Carolina resident entity (individual or business) with a physical location within North Carolina to buy fish for resale from any person who holds a valid SCFL, RSCFL, Shellfish License, Land or Sell License, Menhaden License for Non-Residents Without a SCFL or Recreational Fishing Tournament License to Sell Fish. Fishermen who sell their own harvested catch to the public are required to have a Fish Dealer License, as well as a SCFL, RSCFL, Shellfish License, Land or Sell License, or Menhaden License for Non-Residents Without a SCFL. A person who buys fish for resale from another licensed Fish Dealers does not need to buy a Fish Dealer License. The dealers can only deal in each category designated (i.e., finfish, crab, etc.) on the license.

Any fish or shellfish harvested and landed in North Carolina must go through a North Carolina licensed Fish Dealer (either the fisherman has a Fish Dealer License or transfers fish to a licensed dealer).

A Fish Dealer License is required for each location. If the dealer sells to the public from a different location from that where fish were purchased from fishermen, this is considered resale and the dealer does not need a separate Fish Dealer license for that location, but must have documentation (i.e., bill or sale, bill or laden) that shows where the fish were purchased.

The license must be displayed at each location for public viewing.

Ocean Fishing Pier License

This license authorizes the manager of a ocean fishing pier to charge the public a fee to fish from a pier. Ocean Fishing Pier licenses do not include the right to deal in fish, such as bait; the appropriate Fish Dealer License must be purchased for that authority.

The license must be displayed at each location for public viewing.

Menhaden License for Non-Residents Without a SCFL

Non-residents not eligible for a SCFL/RSCFL and who wish to engage only in menhaden purse seine fishing operations can purchase this license.

Vessels may be used in conjunction with a Menhaden License for Non-Residents Without a SCFL, but the vessel must be registered to operate as a commercial fishing vessel (i.e., CFVR).

Land or Sell License

This license is available to any non-resident vessel owner or Vessel Master who fishes beyond the state's territorial (greater than 3 miles in the ocean) waters and wishes to land the catch in North Carolina.

The license must be purchased prior to offloading.

License to Land Flounder From the Atlantic Ocean

A person wishing to land more than 100 pounds per trip of flounder taken from the Atlantic Ocean must have this license.

This license is not assignable. The Vessel Master must be designated at the time of license purchase. The license must be updated if the Vessel Master changes.

Spotter Plane License

This license authorizes the use of aircraft to identify the location of fish (other than food fish) in coastal waters for a commercial fishing operation.

Recreational Fishing Tournament License To Sell Fish

To sell fish taken in a tournament, the tournament organizer must obtain a Recreational Fishing Tournament License to Sell Fish by applying 30 days in advance of the event. The

holder of the license can only sell the tournament's catch to a licensed Fish Dealer.

Tournaments that wish to sell to the public must acquire a Fish Dealer License.

Proceeds from the sale of fish must be used for charitable religious, educational, civic, or conversation purposes. Proceeds are not to be used for tournament expenses.

Recreational Commercial Gear License (RCGL)

An individual holding this license is allowed to use limited amounts of specified commercial gear to catch seafood for personal consumption or recreational purposes. The holder of this license may not sell the catch and the catch must stay within recreational harvest limits.

Types of Issuable Permits

The NCDMF issues permits through two processes 1) Issuable, and 2) Reviewable. Issuable permits are issued at the time of application with the only review being done by the license clerk issuing the permit. Reviewable means the permit is not issued until other Division staff that may stipulate conditions on use of the permit reviews the application.

This document only includes Issuable Permits issued by the Division's License Office.

Dealer Permits for Commercial Fishery Quota Monitoring

- Striped Bass Dealer Permit with Validation Areas of Atlantic Ocean, Albemarle Sound Management Area (ASMA), Central Area, and Southern Area
- ASMA River Herring Dealer Permit
- Atlantic Ocean Flounder Dealer Permit
- Atlantic Ocean American Shad Dealer Permit (this permit was eliminated in FY05)
- Spiny Dogfish Dealer Permit
- Black Sea Bass – North of Cape Hatteras Dealer Permit

This permit allows the Division to monitor fisheries under a quota or allocation scheme. This permit allows a licensed dealer to possess, sell or offer for sale the designated fish within the specified limits (these specific limits are established by rule or proclamation) from commercial fishermen. Fish Dealers having more than one location must be issued a permit for each location that the dealer wishes to purchase fish. There are daily reporting requirements during open seasons.

Blue Crab Shedding Permit

This permit is required if a shedding operation possesses more than 50 crabs at any time. The owner of the shedding operation must be the holder of the permit. Persons having more than one shedding location must be issued a permit for each location.

Horseshoe Crab Biomedical Use Permit

This permit is required for the use of horseshoe crabs by biomedical facilities. Requires reporting.

Permit to Waive Requirement To Use TEDs in the Atlantic Ocean

The proclamation requiring this permit must be issued. This permit is needed only when trawling for shrimp in the Atlantic Ocean from Brown Inlet to Rich Inlet and the vessel will not be using a Turtle Excluder Device (TED). The permit is valid only when allowed by proclamation from April 1 through November 30. Requires reporting.

For Hire Fishing Permit

This permit is required for an owner of a vessel, originating from or returning to a North Carolina port, taking persons to participate in any fishing activity for recreational purposes for a fee, including bartering, in coastal waters as defined in G.S. 113-120(4). A permit must be issued to each vessel engaged in for-hire fishing.

Types of for-hire fishing vessels including, but are not limited to:

- Charterboat – vessel for hire engaged in recreational fishing typically hired on a per trip basis
- Headboat – vessel for hire engaged in recreational fishing typically hired on a per person basis
- Guideboat – vessel carrying a fish guide and recreational fishermen engaged in fishing
- Dive boat – vessel for hire engaged in underwater diving that allows persons to take fish for recreational purposes.

Licenses Issued

NOTE: Fiscal Year (FY) is July 1 – June 30. More detailed information can be located on other statistical reports. Data derived from Fisheries Information Network (FIN) database, except where noted.

Table 1. Total number of commercial licenses issued for FY2000-FY2005.

Fiscal Year	Total Number of Licenses Issued
2000	29,971
2001	26,343
2002	26,497
2003	26,155
2004	25,313
2005	24,554

Table 2. Total number of Standard Commercial Fishing Licenses (SCFL) and Endorsements issued for FY2000-FY2005.

Fiscal Year	Total Number of Licenses	Shellfish Endorsement	Menhaden Endorsement
2000	6,990	6,481	5
2001	6,783	6,191	6
2002	6,632	6,092	6
2003	6,505	5,984	6
2004	6,421	5,923	5
2005	6,300	5,847	5

Table 3. Total number of Retired Standard Commercial Fishing Licenses (RSCFL) and Endorsements issued for FY2000-FY2005.

Fiscal Year	Total Number of Licenses	Shellfish Endorsement	Menhaden Endorsement
2000	515	480	0
2001	630	601	0
2002	676	656	0
2003	727	704	0
2004	754	733	0
2005	754	742	0

Table 4. Total number of Shellfish Licenses issued for FY2000-FY2005.

Fiscal Year	Number of Licenses
2000	2,098
2001	2,176
2002	2,304
2003	2,131
2004	1,835
2005	1,623

Table 5. Total number of Commercial Fishing Vessel Registrations (CFVR) issued by vessel length category for FY2000-FY2005.

Fiscal Year	0-18 ft.	>18 to 38 ft.	>38 to 50 ft.	>50 ft.	Total
2000	4,361	4,003	298	281	8,943
2001	4,650	4,191	300	316	9,457
2002	4,584	4,262	314	312	9,472
2003	4,489	4,333	309	324	9,455
2004	4,328	4,311	303	318	9,260
2005	4,078	4,332	304	306	9,020

Table 6. Total number of Fish Dealer Licenses for FY1994-FY2005 and number of Fish Dealer license categories for FY2000-FY2005.

Fiscal Year ¹	Total Number of Licenses	Category ²							
		Finfish	Shrimp	Crab	Oyster	Scallop	Clam	Menhaden/Dehydrate	Consolidated
1994	846	-	-	-	-	-	-	-	-
1995	849	-	-	-	-	-	-	-	-
1996	918	-	-	-	-	-	-	-	-
1997	851	-	-	-	-	-	-	-	-
1998	853	-	-	-	-	-	-	-	-
1999	883	-	-	-	-	-	-	-	-
2000	850	508	338	378	139	28	76	1	64
2001	836	492	339	365	139	28	79	1	72
2002	844	497	352	361	142	35	83	1	66
2003	874	498	383	334	145	31	82	1	74
2004	872	504	374	345	131	33	82	1	70
2005	832	511	380	370	108	27	69	1	41

¹1994-1999 data derived from hard copy sales reports housed in the Historical License Statistics Book located within the L&S Library.

²Summing categories will not equal total number of licenses. One license can have multiple categories listed.

Table 7. Total number of Ocean Fishing Pier Licenses issued for FY1993-FY2005 with length range and average for FY-2003-FY2005.

Fiscal Year	Number of Licenses ¹	Length Range (ft) ¹	Average Length (ft) ²
1993	31	-	-
1994	33	-	-
1995	32	-	-
1996	32	-	-
1997	29	-	-
1998	23	-	-
1999	23	-	-
2000	25	-	-
2001	25	-	-
2002	25	-	-
2003	26	378 - 1,019	727
2004	26	30 - 1,019	714
2005	25	30 - 1,019	720

¹1993-1999 data derived from hard copy sales reports housed in the Historical License Statistics Book located within the L&S Library.

²The most current pier length is the only length preserved in the database. Historical pier length data are unavailable. Length data provided are derived from hard copy data reports.

Table 8. Total number of Recreational Fishing Tournament Licenses to Sell Fish issued for FY2000-2005.

Fiscal Year	Number of Licenses
2000	30
2001 ¹	25
2002	31
2003	30
2004	39
2005	41

¹License reports show that 25 licenses were issued, but one license was issued in error. Only 24 tournaments were actually licensed.

Table 9. Total number of Spotter Plane Licenses issued for FY2000-FY2005.

Fiscal Year ¹	Number of Licenses
1994	11
1995	21
1996	20
1997	19
1998	21
1999	17
2000	15
2001	14
2002	11
2003	11
2004	10
2005	10

¹1994-1999 data derived from hard copy sales reports housed in the Historical License Statistics Book located within the L&S Library.

Table 10. Total number of Menhaden Licenses for Non-Residents without SCFL issued for FY2000-FY2005.

Fiscal Year	Number of Licenses
2000	14
2001	10
2002	10
2003	10
2004	10
2005	12

Table 11. Total number of Licenses to Land Flounder from the Atlantic Ocean issued for FY2000-FY2005.

Fiscal Year	Number of Licenses
2000	132
2001	132
2002	133
2003	138
2004	130
2005	136

Table 12. Total number of Land or Sell Licenses issued for FY2000-FY2005.

Fiscal Year	Number of Licenses
2000	64
2001	53
2002	59
2003	91
2004	87
2005	144

Table 13. Total number of Recreational Commercial Gear Licenses (RCGL) issued for FY2000-FY2005.

Fiscal Year	Number of Licenses
2000	6,740
2001	6,202
2002	6,300
2003	6,157
2004	5,868
2005	5,657

Table 14. Number of licenses with selling privileges that could have potentially reported on trip tickets.

Fiscal Year ¹	Number of Licenses
1994 ²	6,779
1995 ²	7,535
1996 ²	7,798
1997 ²	8,173
1998 ²	8,595
1999 ²	8,426
2000 ³	9,711
2001 ³	9,677
2002 ³	9,712
2003 ³	9,494
2004 ³	9,146
2005 ³	8,874

¹1994-1998 data derived from hard copy sales reports housed in the Historical License Statistics Book located within the L&S Library. 1999 data derived from hard copy report used to establish the SCFL Eligibility Pool.

² FY1994-FY1999 are Endorsement to Sell Licenses

³ FY2000-Present includes number of SCFL, RSCFL, Shellfish, Menhaden License for Non-residents without SCFL, Recreational Fishing Tournament License to Sell Fish, and Land or Sell Licenses

Permits Issued

Permits issued by NCDMF License Office only.

Table 15. Total number of Permits issued for FY2001-FY2005.

Fiscal Year	Number of Permits
2001	538
2002	840
2003	771
2004	1,508
2005	1,488

Table 16. Total number of Blue Crab Shedding Permits issued for FY2001-FY2005.

Fiscal Year	Number of Permits
2001	318
2002	370
2003	353
2004	349
2005	338

Table 17. Number of Striped Bass Dealer Permits (total and by validation area) issued for FY2001-FY2005.

Year	Total	ASMA	Central	Southern	Ocean
2001	96	58	64	15	46
2002	98	55	58	10	51
2003	106	58	56	6	49
2004	108	51	55	14	59
2005	102	48	57	55	73

¹Summing validation areas will not equal total number of permits. One permit can have multiple areas listed.

Table 18. Total number of Atlantic Ocean Flounder Dealer Permits issued for FY2001-FY2005.

Fiscal Year	Number of Permits
2001	42
2002	41
2003	39
2004	31
2005	28

Table 19. Total number of Atlantic Ocean American Shad Dealer Permits issued for FY2001-FY2005.

Fiscal Year	Number of Permits
2001	37
2002	38
2003	37
2004	31
2005	2

NOTE: Permit eliminated in FY2005

Table 20. Total number of Albemarle Sound Management Area River Herring Dealer Permits issued for FY2001-FY2005.

Fiscal Year	Number of Permits
2001	44
2002	47
2003	49
2004	44
2005	43

Table 21. Total number of Horseshoe Crab Biomedical Use Permits issued for FY2001-FY2005.

Fiscal Year	Number of Permits
2001	1
2002	0
2003	0
2004	0
2005	0

Table 22. Total number of Permits to Waive the Requirement to use TED in the Atlantic Ocean issued for FY2001-FY2005.

Fiscal Year	Number of Permits
2001	0
2002	16
2003	26
2004	22
2005	15

Table 23. Total number of Pamlico Sound Gill Net Restricted Area Permits (PSGNRA) issued (electronically) FY2002-FY2005.

Fiscal Year	Number of Permits
2002	230
2003	161
2004	158
2005	153

Table 24. Total number of For-Hire Fishing Permits issued for FY2004-FY2005.

Fiscal Year	Number of Permits
2004	711
2005	757

Table 25. Total number of Spiny Dogfish Dealer Permits issued for FY2004-FY2005.

Fiscal Year	Number of Permits
2004	27
2005	24

Table 26. Total number of Black Sea Bass North of Cape Hatteras Dealer Permits issued for FY2004-FY2005.

Fiscal Year	Number of Permits
2004	27
2005	26

Chapter II: COMMERCIAL TRIP TICKET PROGRAM

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COMMERCIAL FISHERIES LANDING OVERVIEW

This chapter of the document contains commercial fishery landings for North Carolina from 1950-2004. From 1950 to 1978, commercial landings in North Carolina were obtained by the National Marine Fisheries Service (NMFS). These data were kindly provided to the North Carolina Division of Marine Fisheries for inclusion in this document. From 1978 to 1993, data were obtained via a NMFS/North Carolina Division of Marine Fisheries cooperative statistics program. These two programs depended on surveying dealers for monthly landings and value.

Although these two programs provided invaluable information, there were shortcomings. First, not all licensed dealers were surveyed. Instead, mostly larger, established firms representing a regional cross section of the state were surveyed. These dealers voluntarily supplied the information and not all dealers were willing to be involved. Second, these data were not obtained at the trip level. Trip level data allows the analyst to provide fisheries managers with effort data not available at the monthly summary level.

The North Carolina legislature mandated trip level reporting by licensed dealers of all commercial fishery landings to alleviate the shortcomings of the voluntary survey method. The resulting trip ticket program began in 1994. This program requires dealers to complete a trip ticket for each transaction with a fisherman and to submit these reports to the Division of Marine Fisheries on a monthly basis. The program currently allows dealers to submit either paper reports or electronic files.

Changes in reporting methods over the years are evident in the presentation of the data in this document. If all the data in a particular table were available from 1950-2004 then it is presented as such. In most cases, landings of commercially important species, including the gear used and the harvest area, are available back to 1972. In other instances, oyster landings were available as far back as 1887 and are therefore included. However, some data, primarily that involving participation or effort variables, can only be provided back to 1994, the beginning of the trip ticket program.

There are approximately 200 three digit species codes of finfish and shellfish obtained via trip tickets (Appendix A). Some codes consist of individual species, others as genera, families, or unclassified fish or shellfish. Each code was devised to allow dealers flexibility in how they code certain landings while maintaining as much specificity as possible. The codes are further developed to over eleven hundred individual trip ticket codes in use that contain the species along with the condition, size and market grade at the time of landing. Since it would have made this document extremely protracted to present data on each and every species, we

took the luxury of grouping the species into about 50 groups. Determination of how to develop the groups was based on the relative importance of the species to the NCDMF mission. For example, data for individual species are presented if there is either a state or council fisheries management plan for that species. If a species was determined to be relatively unimportant, it was grouped into Finfish, Other or Shellfish, Other. Data for species grouped as Other are available by specific request. All pounds are converted to whole weight using the conversion factors in Appendix A.

All ex-vessel value data included in this book were obtained by monthly surveys of dealers voluntarily supplying price information. The NCDMF does not mandate dealers supply price information. Prices voluntarily supplied are usually on a price per pound basis, but may also be price per unit, i.e. per bushel, or per number. These data have not been adjusted for inflation.

Some of the data contained in this book are confidential and if so, are hidden and indicated by three asterisks (***) . The Division's confidentiality policy states that if the data are derived from fewer than three fishermen or dealers then the data are confidential and cannot be distributed outside the Division. N.C. General Statute 113-170.3(c) protects the confidentiality of trip ticket data. Confidential data can only be released in a summarized format that does not allow the user to track landings or purchases to any individual. We may under certain situations allow users access to confidential data if the data are necessary for conservation purposes or if demanded by a court order.

There are other important considerations to take into account when viewing these data. When a dealer completes a trip ticket (Appendix C), there is only one waterbody recorded per trip (Appendix D). If the fisherman happens to fish more than one waterbody during a given trip, then the waterbody from which most of the catch is taken is recorded as the waterbody on the trip ticket to which all of the catch from that trip is assigned. Similarly, a fisherman can record up to three gears per trip (Appendix E). However, in some cases, the catch made during that trip is not directly assigned to the gear from which it was caught. During these analyses, all landings from a given trip are reported under the first gear type listed on the trip ticket for that given trip. This gear type may not be the actual gear used to harvest the landings assigned to it. Data supplied in an electronic format are not affected by these limitations. The software allows dealers to record each species with a specific gear used to harvest the catch and the specific waterbody where harvest occurred.

Within the trip ticket program we constantly strive to provide the most timely data practical while ensuring that all data are as accurate as possible. To ensure that all data are

accurate, we correct errors that are brought to our attention or are found during screening and editing stages. An unfortunate consequence of ensuring accuracy is that we have to accept that historical data may change. This book contains the most current data available at the time of publication and because of this, you may find that some of these data differ from other published reports from the Division. If you require the most current commercial landings data, have a need for specific data not found in this book, or require clarification, please contact the Chief, License and Statistics Section, Division of Marine Fisheries at (252) 726-7021 or via e-mail at Dee,Lupton@ncmail.net. Summary North Carolina commercial landings data are also available on the DMF website at www.NCDMF.net and via the Atlantic Coastal Cooperative Statistics Program website at www.ACCSP.org.

Table 27. Commercial landings of finfish and shellfish from 1950 to 2004.

Year	Finfish		Shellfish		Total	
	Pounds	Value	Pounds	Value	Pounds	Value
1950	154,880,200	\$3,753,339	17,458,400	\$3,046,816	172,338,600	\$6,800,155
1951	139,058,900	\$3,214,723	18,805,900	\$3,114,348	157,864,800	\$6,329,071
1952	222,565,900	\$4,198,634	17,625,900	\$3,017,367	240,191,800	\$7,216,001
1953	165,303,400	\$3,568,981	27,344,200	\$4,696,411	192,647,600	\$8,265,392
1954	192,951,800	\$4,242,595	20,313,800	\$2,693,839	213,265,600	\$6,936,434
1955	212,335,400	\$3,981,159	20,760,800	\$3,303,177	233,096,200	\$7,284,336
1956	284,547,800	\$5,414,049	16,170,100	\$2,700,842	300,717,900	\$8,114,891
1957	216,130,700	\$4,571,746	21,026,800	\$3,551,680	237,157,500	\$8,123,426
1958	273,633,400	\$5,632,806	16,617,500	\$2,062,802	290,250,900	\$7,695,608
1959	319,564,100	\$5,160,993	23,048,000	\$3,081,492	342,612,100	\$8,242,485
1960	242,377,100	\$3,856,426	22,871,100	\$3,163,453	265,248,200	\$7,019,879
1961	265,871,500	\$4,325,514	20,879,300	\$2,343,004	286,750,800	\$6,668,518
1962	162,851,200	\$3,333,240	19,533,000	\$3,422,087	182,384,200	\$6,755,327
1963	121,465,770	\$4,385,693	23,687,000	\$2,661,207	145,152,770	\$7,046,900
1964	208,757,800	\$4,519,059	29,821,400	\$3,503,993	238,579,200	\$8,023,052
1965	100,352,890	\$5,060,844	30,550,600	\$4,180,510	130,903,490	\$9,241,354
1966	77,127,510	\$5,013,392	28,049,800	\$4,557,549	105,177,310	\$9,570,941
1967	98,821,470	\$4,800,080	21,921,500	\$3,527,727	120,742,970	\$8,327,807
1968	206,881,200	\$4,600,437	25,297,700	\$5,104,104	232,178,900	\$9,704,541
1969	95,469,880	\$5,055,456	31,456,100	\$7,469,965	126,925,980	\$12,525,421
1970	145,176,735	\$4,570,898	28,464,800	\$4,794,947	173,641,535	\$9,365,845
1971	119,235,800	\$4,378,815	24,239,000	\$6,848,447	143,474,800	\$11,227,262
1972	146,847,017	\$5,760,579	21,054,543	\$6,038,260	167,901,560	\$11,798,839
1973	111,866,832	\$8,515,708	18,585,830	\$7,438,924	130,452,662	\$15,954,632
1974	173,240,234	\$10,346,553	22,808,968	\$6,977,884	196,049,202	\$17,324,437
1975	214,517,385	\$12,255,425	17,186,106	\$7,197,252	231,703,491	\$19,452,677
1976	200,023,988	\$14,613,266	20,453,247	\$12,796,018	220,477,235	\$27,409,284
1977	224,865,426	\$16,079,228	19,885,159	\$12,295,207	244,750,585	\$28,374,435
1978	269,229,292	\$24,388,794	30,312,055	\$16,220,071	299,541,347	\$40,608,865
1979	354,085,423	\$32,829,300	36,386,661	\$25,624,765	390,472,084	\$58,454,065
1980	308,046,031	\$34,725,754	48,146,775	\$34,057,756	356,192,806	\$68,783,510
1981	388,552,891	\$36,280,328	43,452,992	\$21,239,682	432,005,883	\$57,520,010
1982	259,889,675	\$31,974,441	48,078,248	\$31,849,411	307,967,923	\$63,823,852
1983	244,086,111	\$27,752,454	43,646,719	\$29,672,531	287,732,830	\$57,424,985
1984	235,844,829	\$31,214,354	41,324,162	\$26,048,714	277,168,991	\$57,263,068
1985	170,331,478	\$28,986,432	44,542,610	\$35,606,434	214,874,088	\$64,592,866
1986	134,399,216	\$29,183,330	34,482,409	\$34,047,519	168,881,625	\$63,230,849
1987	114,956,317	\$29,698,852	42,367,602	\$36,008,434	157,323,919	\$65,707,286
1988	143,831,049	\$34,243,428	48,862,127	\$43,513,326	192,693,176	\$77,756,754
1989	117,328,601	\$33,449,737	47,868,878	\$40,507,870	165,197,479	\$73,957,607
1990	125,181,567	\$31,388,992	49,811,302	\$39,303,298	174,992,869	\$70,692,290
1991	157,651,237	\$28,648,802	54,989,911	\$38,138,904	212,641,148	\$66,787,706

Table 27. Commercial landings of finfish and shellfish from 1950 to 2004 (continued).

Year	Finfish		Shellfish		Total	
	Pounds	Value	Pounds	Value	Pounds	Value
1992	106,089,955	\$26,359,229	48,339,866	\$31,665,415	154,429,821	\$58,024,644
1993	118,359,356	\$29,660,592	52,338,120	\$34,943,200	170,697,476	\$64,603,792
1994	130,389,982	\$37,336,564	62,544,317	\$54,078,881	192,934,299	\$91,415,445
1995	118,633,420	\$45,708,256	57,367,517	\$65,061,475	176,000,937	\$110,769,730
1996	117,352,276	\$42,801,850	73,772,213	\$62,894,979	191,124,489	\$105,696,829
1997	163,504,621	\$46,295,481	65,075,041	\$62,830,567	228,579,662	\$109,126,048
1998	111,399,730	\$38,616,158	68,824,117	\$62,404,941	180,223,846	\$101,021,098
1999	86,085,821	\$34,755,440	67,648,753	\$64,549,914	153,734,574	\$99,305,354
2000	102,068,657	\$39,608,350	52,161,022	\$68,723,919	154,229,679	\$108,332,269
2001	98,047,114	\$36,078,814	39,119,555	\$52,056,228	137,166,669	\$88,135,041
2002	110,934,419	\$37,261,010	49,236,639	\$57,481,396	160,171,058	\$94,742,406
2003	88,671,082	\$33,743,655	50,753,971	\$53,379,700	139,425,054	\$87,123,355
2004	91,372,397	\$38,896,386	42,729,201	\$40,847,660	134,101,598	\$79,744,046

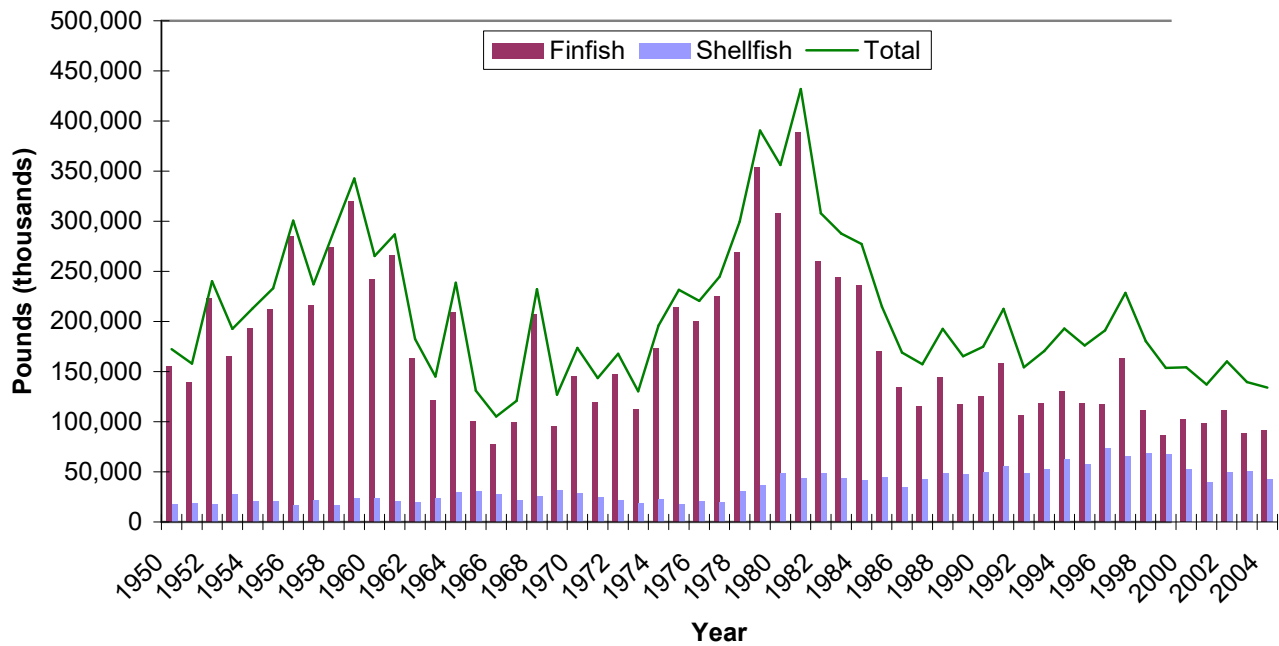


Figure 1. Commercial landings of finfish and shellfish from 1950 to 2004.

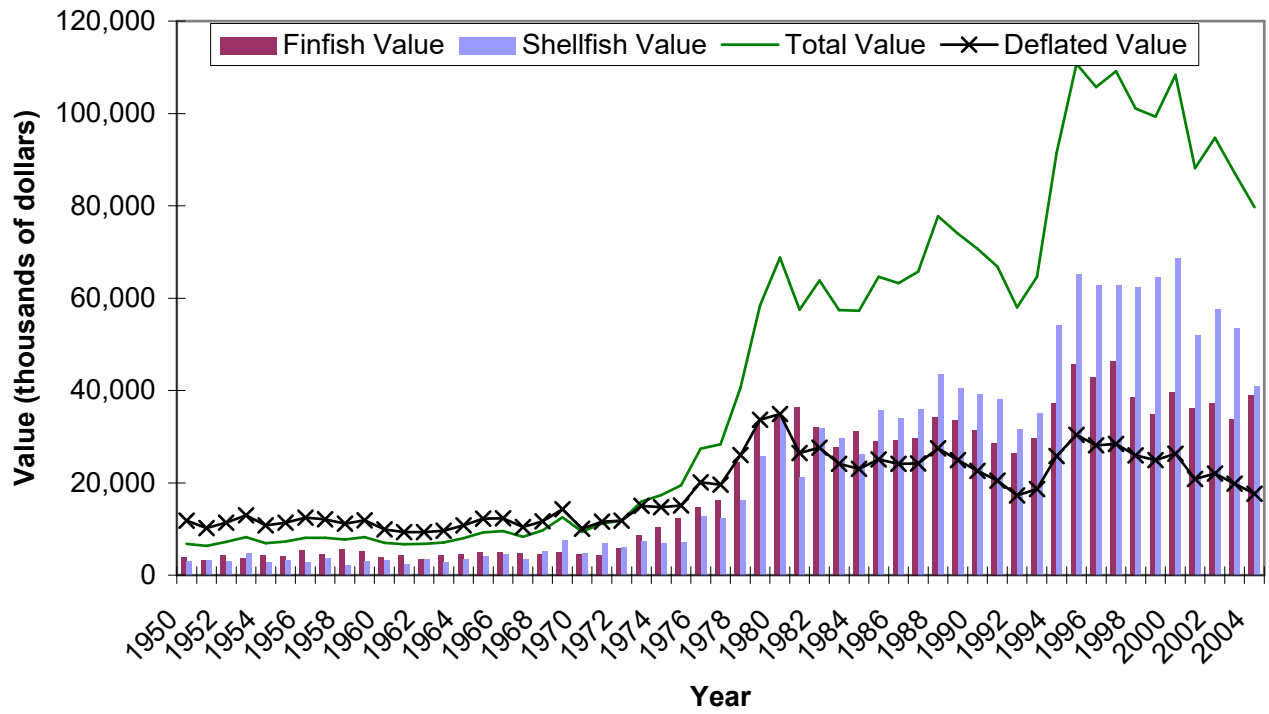


Figure 2. Ex-vessel value of finfish and shellfish from 1950 to 2004.

Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004.

	2004		2003		2002	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	88,963	\$48,147	114,492	\$69,498	104,656	\$57,256
Blue Crabs, Hard	32,591,034	\$20,255,830	41,644,612	\$32,904,677	36,462,066	\$29,349,344
Blue Crabs, Peeler	982,874	\$1,678,928	693,294	\$1,815,304	718,897	\$1,465,913
Blue Crabs, Soft	554,966	\$2,538,582	431,886	\$2,388,081	555,532	\$2,333,268
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	3,762,944	\$849,302	3,470,100	\$767,566	2,323,964	\$776,570
Catfishes	414,597	\$100,486	385,878	\$99,693	367,424	\$95,194
Clams, Hard	548,628	\$3,397,661	535,648	\$3,357,128	619,894	\$3,506,293
Croaker, Atlantic	11,992,803	\$3,527,941	14,429,197	\$2,923,946	10,189,153	\$3,233,402
Dolphinfish	255,805	\$452,590	186,262	\$329,370	168,429	\$243,510
Drum, Red	54,086	\$69,753	90,525	\$105,671	81,364	\$89,192
Eel, American	128,875	\$270,986	172,065	\$267,300	59,940	\$83,517
Finfish, Other	873,089	\$425,238	789,392	\$394,569	1,254,948	\$539,744
Flounder, Southern	2,453,381	\$3,878,115	2,198,503	\$3,661,597	3,434,069	\$5,159,429
Flounder, Summer	4,844,126	\$7,619,610	3,572,448	\$6,009,296	4,129,119	\$6,106,076
Goosefish	386,821	\$372,198	335,349	\$314,356	278,608	\$232,940
Groupers	584,723	\$1,391,183	651,976	\$1,535,736	699,614	\$1,584,626
Herring, River	188,541	\$80,694	199,716	\$88,862	174,860	\$65,723
Herring, Thread	0	\$0	4	\$0	2,889,710	\$231,177
Hog Snapper	9,372	\$19,804	9,601	\$20,246	10,674	\$20,381
Kingfishes	566,659	\$491,584	652,636	\$644,920	619,737	\$603,854
Mackerel, King	955,010	\$1,572,624	764,833	\$1,214,208	778,428	\$1,177,217
Mackerel, Spanish	456,238	\$526,011	456,782	\$418,063	698,448	\$617,860
Menhaden, Atlantic	50,577,983	\$4,530,118	48,936,502	\$3,943,814	69,190,596	\$5,045,407
Mullet, Striped	1,593,795	\$720,040	1,629,314	\$779,570	2,596,076	\$1,251,583
Oysters	367,660	\$1,550,598	260,966	\$1,017,588	243,775	\$991,004
Perch, White	217,898	\$122,582	498,133	\$292,690	280,860	\$161,260
Perch, Yellow	39,785	\$37,976	98,783	\$98,534	78,828	\$76,482
Porgies	37,268	\$42,253	40,626	\$45,088	64,223	\$62,415
Scallop, Bay	0	\$0	14,194	\$48,628	19,219	\$68,365
Scup	523,554	\$332,019	143,004	\$75,453	0	\$0
Sea Basses	881,358	\$1,486,297	850,550	\$1,416,659	592,260	\$878,251
Seatrout, Spotted	130,961	\$172,033	181,462	\$243,394	175,521	\$213,625
Shad, American	269,063	\$179,486	395,251	\$251,532	274,655	\$174,141
Shad, Gizzard	96,060	\$2,409	152,010	\$16,542	227,459	\$9,298
Shad, Hickory	187,463	\$32,329	68,928	\$18,540	51,158	\$8,286
Sharks	1,079,861	\$583,711	1,274,163	\$665,634	1,707,186	\$869,823
Sharks, Dogfishes	1,146,251	\$185,934	373,078	\$110,487	341,722	\$101,358
Shellfish, Other	2,803,143	\$1,962,810	1,006,001	\$917,679	648,238	\$1,402,444
Shrimp, Brown	2,749,009	\$5,301,307	4,828,513	\$8,210,280	6,029,219	\$10,905,493
Shrimp, Pink	143,954	\$308,718	219,010	\$459,906	879,894	\$1,503,822
Shrimp, Unclassified	64,393	\$157,620	19,720	\$48,559	545,562	\$1,061,263
Shrimp, White	1,923,460	\$3,695,206	1,100,128	\$2,211,871	2,514,342	\$4,894,187
Snappers	339,453	\$873,299	269,230	\$687,027	490,591	\$1,186,998
Spadefish	44,521	\$10,284	28,519	\$3,775	38,400	\$7,757
Spot	2,316,982	\$1,067,945	2,043,387	\$910,301	2,184,003	\$931,515
Striped Bass	911,473	\$1,160,631	565,919	\$717,981	701,459	\$855,457
Swordfish	604,095	\$1,508,281	630,874	\$1,799,063	480,948	\$935,892
Tilefishes	78,126	\$134,695	87,102	\$96,556	220,331	\$221,262
Triggerfish	136,211	\$147,096	117,396	\$123,681	90,934	\$84,599
Tunas	1,436,789	\$3,331,817	941,051	\$2,007,154	1,015,421	\$2,169,542
Wahoo	22,006	\$50,026	17,222	\$42,380	19,952	\$38,298
Weakfish	685,408	\$488,860	848,822	\$532,904	1,828,009	\$1,051,046

Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).

	2001		2000		1999	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	106,660	\$54,624	114,525	\$74,791	114,809	\$65,287
Blue Crabs, Hard	29,939,314	\$25,079,142	38,890,013	\$32,154,856	56,093,351	\$33,525,676
Blue Crabs, Peeler	1,319,202	\$3,081,350	998,971	\$1,946,369	942,150	\$2,111,690
Blue Crabs, Soft	921,693	\$4,070,990	750,140	\$3,336,990	510,435	\$2,174,429
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	4,066,000	\$1,091,020	3,368,610	\$1,104,129	2,761,084	\$877,734
Catfishes	564,183	\$153,609	879,447	\$268,895	731,283	\$206,169
Clams, Hard	763,573	\$5,007,241	676,048	\$4,681,053	576,970	\$3,774,453
Croaker, Atlantic	12,017,424	\$3,080,205	10,122,625	\$2,986,815	10,185,507	\$3,119,798
Dolphinfish	160,541	\$220,788	197,259	\$306,688	209,488	\$343,808
Drum, Red	149,616	\$170,548	270,953	\$294,871	372,942	\$398,282
Eel, American	107,070	\$122,416	127,099	\$176,576	99,939	\$134,085
Finfish, Other	1,026,159	\$547,861	1,305,998	\$598,785	1,603,385	\$466,774
Flounder, Southern	3,522,136	\$5,679,542	3,205,792	\$5,660,767	2,932,076	\$5,133,258
Flounder, Summer	2,784,741	\$4,451,356	3,386,578	\$5,991,402	2,870,310	\$5,013,739
Goosefish	208,413	\$232,017	745,164	\$966,739	599,538	\$654,846
Groupers	561,678	\$1,262,845	639,401	\$1,426,386	758,084	\$1,629,824
Herring, River	306,761	\$118,546	332,336	\$126,685	443,494	\$180,874
Herring, Thread	0	\$0	707,541	\$42,452	9	\$1
Hog Snapper	8,203	\$15,666	7,727	\$14,852	12,405	\$21,712
Kingfishes	489,743	\$501,999	551,940	\$520,965	607,465	\$621,078
Mackerel, King	836,844	\$1,350,166	1,049,464	\$1,662,282	1,082,693	\$1,695,944
Mackerel, Spanish	653,473	\$524,111	659,410	\$499,434	459,100	\$265,834
Menhaden, Atlantic	56,012,396	\$4,551,445	56,280,112	\$3,495,744	42,799,080	\$2,680,633
Mullet, Striped	2,317,655	\$1,181,912	2,829,086	\$1,602,702	1,460,850	\$838,924
Oysters	258,086	\$1,068,352	203,427	\$804,212	217,048	\$923,721
Perch, White	244,817	\$159,075	202,192	\$139,704	353,246	\$263,296
Perch, Yellow	90,527	\$87,596	94,085	\$98,297	113,545	\$102,646
Porgies	56,415	\$62,303	23,727	\$24,753	77,137	\$92,189
Scallop, Bay	2,517	\$10,423	21,269	\$79,526	29,651	\$102,998
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	644,510	\$1,062,706	567,368	\$973,024	613,577	\$1,078,908
Seatrout, Spotted	105,714	\$134,848	376,574	\$467,122	546,675	\$670,460
Shad, American	151,075	\$94,373	297,990	\$213,010	131,611	\$108,139
Shad, Gizzard	245,261	\$12,263	287,453	\$20,122	205,654	\$13,097
Shad, Hickory	172,236	\$52,166	92,564	\$14,502	112,140	\$20,769
Sharks	1,139,068	\$520,162	1,460,709	\$548,830	1,666,757	\$704,705
Sharks, Dogfishes	510,756	\$125,925	3,885,225	\$678,309	4,224,142	\$619,896
Shellfish, Other	661,037	\$1,827,782	286,239	\$314,996	274,940	\$199,997
Shrimp, Brown	3,923,540	\$8,830,577	6,489,495	\$16,000,250	1,672,959	\$4,323,442
Shrimp, Pink	211,858	\$449,929	161,422	\$383,245	10,060	\$11,294
Shrimp, Unclassified	255,580	\$653,514	469,137	\$956,056	3,661,887	\$7,590,023
Shrimp, White	863,153	\$1,976,927	3,214,862	\$8,066,365	3,659,302	\$9,812,191
Snappers	523,740	\$1,219,286	510,897	\$1,281,042	441,783	\$1,067,328
Spadefish	41,994	\$11,579	46,235	\$12,888	34,320	\$9,536
Spot	3,093,872	\$1,278,327	2,829,788	\$1,172,220	2,262,175	\$1,001,980
Striped Bass	626,595	\$773,755	407,505	\$471,916	588,311	\$724,844
Swordfish	596,178	\$1,313,372	414,801	\$937,555	611,029	\$1,044,237
Tilefishes	106,674	\$99,198	85,467	\$98,130	76,697	\$67,734
Triggerfish	87,628	\$82,532	88,277	\$84,106	150,387	\$110,496
Tunas	1,729,533	\$2,599,791	1,727,787	\$3,414,429	1,126,551	\$1,257,270
Wahoo	20,502	\$41,712	19,905	\$46,475	28,963	\$58,314
Weakfish	1,960,324	\$1,037,169	1,869,042	\$1,089,958	2,617,580	\$1,390,987

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1998		1997		1996	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	100,309	\$59,337	176,981	\$106,199	139,665	\$63,929
Blue Crabs, Hard	60,402,332	\$40,466,879	54,353,545	\$33,165,872	65,682,500	\$39,873,553
Blue Crabs, Peeler	976,097	\$1,932,820	1,022,668	\$1,768,855	878,382	\$1,280,991
Blue Crabs, Soft	697,741	\$2,559,941	713,896	\$2,751,311	519,316	\$1,887,882
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	0	\$0
Bluefish	2,925,929	\$763,583	4,003,160	\$1,166,023	3,298,571	\$861,528
Catfishes	910,154	\$230,009	1,031,144	\$282,601	802,420	\$238,016
Clams, Hard	689,510	\$4,559,846	704,755	\$4,943,371	639,950	\$4,511,662
Croaker, Atlantic	10,865,897	\$3,449,817	10,711,667	\$4,116,446	9,961,822	\$3,642,597
Dolphinfish	149,990	\$238,611	229,791	\$347,270	128,586	\$215,423
Drum, Red	294,366	\$288,397	52,502	\$56,939	113,338	\$112,881
Eel, American	91,084	\$231,505	128,668	\$327,032	141,592	\$247,786
Finfish, Other	1,462,840	\$490,554	2,382,860	\$809,868	2,487,826	\$770,602
Flounder, Southern	3,952,729	\$7,118,989	4,076,793	\$7,981,377	3,806,918	\$7,229,916
Flounder, Summer	2,983,107	\$5,418,829	1,501,171	\$2,828,186	4,227,052	\$6,784,624
Goosefish	686,715	\$478,014	704,036	\$446,669	535,092	\$432,712
Groupers	745,464	\$1,647,459	719,582	\$1,548,033	651,140	\$1,350,887
Herring, River	521,930	\$202,437	334,809	\$128,988	529,503	\$132,389
Herring, Thread	6,586,500	\$559,853	13,278,060	\$1,195,025	6,271,870	\$439,031
Hog Snapper	12,037	\$22,166	14,010	\$26,297	13,841	\$23,864
Kingfishes	399,313	\$414,315	872,888	\$864,030	528,260	\$470,545
Mackerel, King	1,143,342	\$1,749,357	1,558,528	\$2,375,205	793,859	\$1,272,405
Mackerel, Spanish	372,415	\$261,973	766,873	\$474,839	401,526	\$204,279
Menhaden, Atlantic	57,976,455	\$4,121,667	97,727,057	\$8,794,202	53,850,943	\$4,858,471
Mullet, Striped	2,218,108	\$1,061,430	2,442,657	\$1,777,617	1,756,863	\$1,091,892
Oysters	224,836	\$928,125	229,259	\$930,741	219,411	\$825,012
Perch, White	142,672	\$116,945	123,040	\$97,913	172,879	\$124,218
Perch, Yellow	79,313	\$70,303	76,740	\$66,146	53,828	\$42,360
Porgies	183,890	\$240,155	188,885	\$239,501	237,312	\$265,184
Scallop, Bay	103,069	\$289,574	63,794	\$214,000	29,235	\$112,845
Scup	14,885	\$8,140	1,365	\$761	58,843	\$19,818
Sea Basses	743,243	\$1,099,982	766,836	\$1,124,020	778,439	\$998,137
Seatrout, Spotted	307,671	\$380,724	232,497	\$283,425	226,580	\$252,404
Shad, American	327,556	\$233,761	219,526	\$149,203	199,133	\$171,625
Shad, Gizzard	230,094	\$18,746	253,667	\$16,657	410,963	\$26,546
Shad, Hickory	93,504	\$18,312	138,228	\$17,405	187,887	\$40,326
Sharks	1,167,248	\$409,571	1,488,170	\$512,449	1,871,341	\$771,669
Sharks, Dogfishes	5,451,610	\$744,243	8,135,423	\$1,083,286	13,673,782	\$2,228,926
Shellfish, Other	1,095,343	\$812,460	998,881	\$852,148	541,938	\$1,037,805
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	4,635,189	\$10,855,296	6,988,243	\$18,204,266	5,261,481	\$13,365,229
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	352,021	\$851,510	366,491	\$873,007	350,980	\$766,069
Spadefish	38,994	\$13,369	57,384	\$13,321	55,890	\$13,497
Spot	2,396,979	\$1,001,659	2,627,921	\$1,155,341	2,290,000	\$866,053
Striped Bass	422,869	\$520,039	587,786	\$711,091	181,566	\$220,903
Swordfish	265,064	\$666,673	176,266	\$458,988	194,750	\$483,842
Tilefishes	67,770	\$89,593	149,402	\$177,223	158,586	\$229,734
Triggerfish	274,641	\$201,113	342,134	\$257,514	277,741	\$210,942
Tunas	1,064,415	\$1,376,822	1,277,938	\$1,490,572	1,526,784	\$2,268,042
Wahoo	22,600	\$47,861	20,628	\$45,190	26,675	\$53,364
Weakfish	3,354,008	\$1,698,336	3,561,060	\$1,869,620	3,977,630	\$2,304,414

Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).

	1995		1994		1993	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	169,964	\$85,350	151,253	\$74,367	129,011	\$52,669
Blue Crabs, Hard	45,033,543	\$33,053,805	52,260,168	\$26,896,282	42,867,109	\$14,262,152
Blue Crabs, Peeler	724,442	\$1,052,607	642,238	\$771,697	0	\$0
Blue Crabs, Soft	685,555	\$2,132,875	610,769	\$1,932,136	0	\$0
Blue Crabs, Soft and Peeler	0	\$0	0	\$0	805,623	\$1,515,569
Bluefish	3,010,640	\$1,078,889	1,782,299	\$542,219	2,705,278	\$661,515
Catfishes	877,715	\$230,200	1,276,348	\$284,723	1,364,430	\$276,573
Clams, Hard	902,369	\$5,880,446	704,587	\$3,651,272	741,248	\$3,922,932
Croaker, Atlantic	6,021,284	\$2,002,297	4,615,754	\$1,451,056	3,267,652	\$990,961
Dolphinfish	356,748	\$577,506	160,742	\$243,740	149,043	\$195,528
Drum, Red	248,122	\$223,310	142,119	\$102,326	238,099	\$203,955
Eel, American	173,698	\$366,503	95,991	\$175,664	32,711	\$61,081
Finfish, Other	2,641,357	\$855,137	2,654,878	\$602,501	2,416,216	\$651,639
Flounder, Southern	4,166,307	\$7,610,122	4,897,459	\$8,076,827	4,272,368	\$5,596,669
Flounder, Summer	4,582,822	\$8,191,609	3,573,774	\$5,820,762	3,120,901	\$3,872,667
Goosefish	535,887	\$421,834	336,759	\$204,536	80,881	\$52,147
Groupers	794,562	\$1,575,606	779,078	\$1,577,697	724,852	\$1,368,289
Herring, River	453,984	\$134,934	644,309	\$100,996	916,235	\$67,494
Herring, Thread	6,391,228	\$447,386	7,252,459	\$362,804	6,558,702	\$239,326
Hog Snapper	33,507	\$55,964	19,133	\$33,393	21,404	\$27,540
Kingfishes	1,058,785	\$746,603	620,889	\$424,344	1,194,224	\$701,314
Mackerel, King	1,013,429	\$1,589,862	849,962	\$1,267,131	887,810	\$1,358,915
Mackerel, Spanish	402,176	\$215,983	531,335	\$246,989	589,868	\$252,157
Menhaden, Atlantic	58,374,081	\$3,560,953	73,853,901	\$3,178,605	64,711,384	\$1,954,299
Mullet, Striped	2,298,446	\$1,944,319	1,726,242	\$1,058,691	3,063,853	\$1,942,472
Oysters	232,498	\$858,790	197,905	\$681,545	223,993	\$843,617
Perch, White	111,366	\$75,348	213,337	\$166,773	180,294	\$145,507
Perch, Yellow	61,872	\$40,837	67,974	\$55,059	48,578	\$37,408
Porgies	249,022	\$263,509	250,377	\$256,417	265,691	\$231,771
Scallop, Bay	201,041	\$400,638	73,043	\$132,967	152,504	\$365,274
Scup	24,032	\$9,859	306,048	\$114,726	88,702	\$43,892
Sea Basses	493,702	\$597,057	706,111	\$772,545	737,950	\$953,000
Seatrout, Spotted	574,290	\$634,054	412,358	\$492,461	449,886	\$525,840
Shad, American	205,867	\$188,541	110,975	\$95,703	178,790	\$149,739
Shad, Gizzard	317,540	\$19,052	229,310	\$11,466	70,117	\$3,456
Shad, Hickory	67,569	\$19,301	57,543	\$17,263	75,375	\$25,023
Sharks	2,727,970	\$1,147,201	3,147,453	\$1,491,592	2,321,177	\$639,797
Sharks, Dogfishes	9,357,380	\$1,553,046	9,877,661	\$1,013,669	8,806,064	\$735,603
Shellfish, Other	919,139	\$1,363,949	769,260	\$1,015,799	768,881	\$443,196
Shrimp, Brown	0	\$0	0	\$0	3,672,780	\$7,267,558
Shrimp, Pink	0	\$0	0	\$0	1,382,650	\$2,367,160
Shrimp, Unclassified	8,668,930	\$20,318,365	7,286,347	\$18,997,182	2,154	\$4,611
Shrimp, White	0	\$0	0	\$0	1,721,178	\$3,951,131
Snappers	403,965	\$931,921	450,221	\$1,012,178	435,277	\$967,485
Spadefish	40,873	\$8,175	23,347	\$3,969	23,564	\$4,710
Spot	3,006,845	\$932,122	2,937,311	\$980,536	2,672,164	\$749,339
Striped Bass	446,789	\$606,529	261,896	\$353,559	262,447	\$330,351
Swordfish	171,299	\$517,858	96,677	\$292,410	27,144	\$95,941
Tilefishes	160,860	\$228,295	231,584	\$335,292	217,781	\$281,584
Triggerfish	304,540	\$216,211	271,503	\$187,337	190,672	\$144,095
Tunas	2,148,910	\$3,555,023	1,263,343	\$1,894,566	529,391	\$785,293
Wahoo	40,731	\$84,675	20,319	\$41,718	24,121	\$42,402
Weakfish	4,113,257	\$2,165,274	3,489,950	\$1,917,957	4,309,249	\$2,241,146

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1992		1991		1990	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	107,328	\$38,487	124,820	\$41,609	85,264	\$29,922
Blue Crabs, Hard	40,507,415	\$12,836,836	41,074,063	\$9,154,358	36,985,206	\$9,156,390
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	560,959	\$996,904	755,613	\$1,389,140	1,085,122	\$2,136,942
Bluefish	2,839,057	\$550,619	3,919,786	\$643,997	4,578,172	\$738,993
Catfishes	1,466,594	\$283,419	1,351,189	\$272,081	986,429	\$203,026
Clams, Hard	722,235	\$3,853,005	984,410	\$5,235,182	1,354,842	\$6,584,756
Croaker, Atlantic	2,796,612	\$1,010,646	3,436,960	\$1,518,888	5,769,512	\$2,959,259
Dolphinfish	72,119	\$89,179	140,837	\$146,823	96,207	\$103,362
Drum, Red	128,497	\$86,859	96,045	\$56,989	183,216	\$106,450
Eel, American	17,739	\$32,388	12,082	\$2,903	56,494	\$64,048
Finfish, Other	2,919,029	\$622,644	5,287,058	\$1,041,677	7,736,497	\$1,188,898
Flounder, Southern	3,145,020	\$4,026,402	4,163,374	\$4,978,710	2,560,459	\$4,105,161
Flounder, Summer	2,613,003	\$3,505,193	3,630,629	\$4,456,810	2,829,105	\$4,490,873
Goosefish	36,656	\$25,270	143,589	\$106,102	135,882	\$76,157
Groupers	761,909	\$1,365,580	609,457	\$1,009,002	798,601	\$1,297,590
Herring, River	1,723,178	\$172,453	1,575,378	\$118,272	1,157,625	\$174,259
Herring, Thread	3,955,739	\$136,286	3,796,220	\$119,472	5,574,400	\$171,591
Hog Snapper	24,186	\$29,528	19,426	\$23,621	24,216	\$29,017
Kingfishes	851,708	\$464,525	864,651	\$439,283	738,612	\$412,824
Mackerel, King	1,034,694	\$1,552,953	1,102,862	\$1,263,235	1,130,805	\$1,271,936
Mackerel, Spanish	738,362	\$302,887	858,808	\$309,143	838,914	\$317,880
Menhaden, Atlantic	57,515,712	\$1,744,030	110,528,754	\$3,002,829	72,231,989	\$1,820,654
Mullet, Striped	1,820,494	\$1,171,094	1,467,448	\$823,424	2,994,604	\$1,861,881
Oysters	293,956	\$1,172,397	319,040	\$1,229,293	328,850	\$1,160,171
Perch, White	165,141	\$156,533	119,445	\$99,365	155,544	\$141,835
Perch, Yellow	28,929	\$20,029	42,982	\$26,999	61,795	\$37,076
Porgies	338,695	\$287,201	357,046	\$307,472	582,722	\$545,189
Scallop, Bay	21,721	\$54,124	44,545	\$99,661	62,018	\$127,545
Scup	174,397	\$54,005	127,427	\$45,579	103,124	\$81,892
Sea Basses	792,875	\$1,053,519	707,781	\$1,101,723	1,035,697	\$1,366,464
Seatrout, Spotted	526,271	\$563,136	660,662	\$545,164	250,634	\$225,553
Shad, American	239,162	\$194,629	276,507	\$201,880	313,550	\$170,161
Shad, Gizzard	11,795	\$700	12,048	\$836	18,405	\$987
Shad, Hickory	18,603	\$4,919	16,466	\$10,425	11,478	\$1,575
Sharks	1,272,213	\$272,749	609,873	\$191,732	903,459	\$498,589
Sharks, Dogfishes	8,634,923	\$691,163	1,463,221	\$122,862	41,446	\$3,799
Shellfish, Other	737,769	\$1,893,036	1,081,199	\$2,452,365	2,193,659	\$4,298,901
Shrimp, Brown	2,639,281	\$5,755,336	6,772,054	\$11,822,329	5,148,317	\$10,969,703
Shrimp, Pink	1,983,357	\$3,267,003	2,547,992	\$4,114,150	1,504,081	\$2,367,414
Shrimp, Unclassified	0	\$0	0	\$0	0	\$0
Shrimp, White	873,173	\$1,836,774	1,410,995	\$2,642,426	1,149,207	\$2,501,476
Snappers	335,167	\$759,267	594,111	\$1,162,881	626,857	\$1,239,569
Spadefish	19,288	\$3,232	25,096	\$3,543	16,456	\$2,386
Spot	2,826,138	\$642,491	3,047,305	\$708,356	3,455,460	\$801,181
Striped Bass	161,009	\$204,434	122,816	\$175,822	113,939	\$159,630
Swordfish	60,810	\$238,273	48,075	\$169,227	112,465	\$312,514
Tilefishes	360,740	\$441,907	247,084	\$281,754	165,744	\$187,830
Triggerfish	135,190	\$94,100	133,107	\$66,172	82,039	\$49,375
Tunas	544,039	\$959,187	583,545	\$719,899	804,938	\$886,550
Wahoo	14,383	\$23,954	18,620	\$30,155	16,653	\$26,050
Weakfish	4,862,551	\$2,483,359	5,308,647	\$2,302,086	5,802,159	\$3,227,006

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1989		1988		1987	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	63,498	\$19,970	56,983	\$12,487	33,683	\$6,551
Blue Crabs, Hard	33,935,992	\$8,790,304	35,136,232	\$10,211,661	31,760,413	\$7,345,210
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	788,681	\$1,567,298	468,191	\$921,403	663,191	\$2,263,437
Bluefish	3,291,468	\$587,992	5,039,039	\$683,232	4,561,101	\$818,046
Catfishes	815,657	\$151,061	1,128,613	\$163,753	1,234,525	\$199,981
Clams, Hard	1,294,628	\$8,388,051	939,976	\$6,178,117	1,207,400	\$7,822,801
Croaker, Atlantic	6,824,088	\$3,380,041	8,434,415	\$3,542,549	7,289,191	\$2,956,025
Dolphinfish	98,899	\$117,260	56,098	\$67,622	70,516	\$83,873
Drum, Red	274,356	\$173,755	220,271	\$125,289	249,657	\$148,205
Eel, American	152,565	\$254,815	57,369	\$86,532	127,964	\$220,626
Finfish, Other	6,852,169	\$859,180	10,069,424	\$684,029	7,910,177	\$668,534
Flounder, Southern	3,225,955	\$5,267,360	3,314,027	\$3,584,908	2,621,651	\$3,238,358
Flounder, Summer	4,329,403	\$5,707,719	6,951,749	\$7,152,183	5,362,322	\$6,251,598
Goosefish	126,091	\$78,026	245,995	\$161,861	123,714	\$94,901
Groupers	780,911	\$1,247,069	776,293	\$1,192,529	792,144	\$1,182,559
Herring, River	1,491,077	\$183,842	4,191,211	\$502,166	3,194,975	\$368,062
Herring, Thread	0	\$0	1,238,830	\$47,724	922,670	\$26,017
Hog Snapper	9,581	\$12,200	7,243	\$9,214	5,350	\$7,264
Kingfishes	562,424	\$334,358	503,949	\$223,357	959,928	\$426,366
Mackerel, King	720,401	\$928,266	886,344	\$1,089,656	1,348,502	\$1,279,793
Mackerel, Spanish	589,383	\$214,563	438,222	\$140,815	504,063	\$145,141
Menhaden, Atlantic	66,756,288	\$1,808,906	73,715,713	\$2,566,832	55,498,571	\$1,624,511
Mullet, Striped	2,062,147	\$1,637,650	3,060,829	\$1,634,408	2,590,360	\$654,536
Oysters	529,858	\$1,575,634	913,100	\$2,162,931	1,425,584	\$2,875,406
Perch, White	295,095	\$233,886	587,228	\$264,471	791,764	\$427,934
Perch, Yellow	64,213	\$35,827	33,506	\$12,486	42,929	\$15,067
Porgies	384,519	\$347,173	377,192	\$339,921	313,705	\$290,173
Scallop, Bay	84,474	\$214,136	38,923	\$73,179	154,568	\$500,068
Scup	18,231	\$11,075	125,817	\$60,999	252,731	\$189,273
Sea Basses	996,352	\$1,174,020	1,229,440	\$1,268,695	535,814	\$540,320
Seatrout, Spotted	451,909	\$435,504	296,538	\$247,852	315,380	\$261,455
Shad, American	323,396	\$214,896	283,050	\$171,962	327,646	\$215,115
Shad, Gizzard	15,067	\$754	133,926	\$6,693	315,916	\$15,370
Shad, Hickory	18,510	\$4,254	92,922	\$28,919	45,341	\$10,204
Sharks	1,031,532	\$502,049	329,538	\$84,879	264,301	\$68,401
Sharks, Dogfishes	0	\$0	301,768	\$36,208	0	\$0
Shellfish, Other	2,312,438	\$4,352,142	3,254,928	\$7,479,993	2,743,368	\$7,045,964
Shrimp, Brown	5,080,971	\$9,105,939	5,315,539	\$11,894,700	1,104,847	\$2,542,505
Shrimp, Pink	3,146,334	\$5,149,390	2,711,655	\$4,386,117	3,018,230	\$4,985,217
Shrimp, Unclassified	0	\$0	0	\$0	0	\$0
Shrimp, White	695,502	\$1,364,976	83,583	\$205,225	290,001	\$627,826
Snappers	587,532	\$1,226,085	489,529	\$969,503	402,695	\$804,920
Spadefish	22,953	\$2,871	19,801	\$2,115	21,530	\$2,532
Spot	3,254,473	\$787,150	3,080,258	\$682,260	2,806,041	\$648,742
Striped Bass	100,830	\$101,002	115,915	\$116,776	262,221	\$262,542
Swordfish	64,434	\$277,606	36,972	\$135,437	34,964	\$129,619
Tilefishes	115,083	\$164,178	131,165	\$162,504	84,706	\$72,181
Triggerfish	40,372	\$25,025	51,340	\$27,008	49,831	\$19,817
Tunas	392,071	\$575,021	610,866	\$705,020	789,549	\$878,355
Wahoo	9,921	\$15,929	19,783	\$28,099	15,827	\$22,721
Weakfish	10,115,747	\$4,351,399	15,091,878	\$5,220,475	11,882,362	\$4,423,164

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1986		1985		1984	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	40,676	\$7,170	11,403	\$2,295	3,477	\$791
Blue Crabs, Hard	23,159,779	\$5,429,534	29,329,547	\$6,089,982	32,490,769	\$6,664,731
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	595,468	\$684,822	326,978	\$350,373	199,771	\$276,302
Bluefish	3,450,230	\$477,273	3,604,445	\$576,234	3,559,997	\$557,672
Catfishes	1,198,213	\$190,483	1,297,728	\$261,774	1,394,307	\$253,331
Clams, Hard	1,356,316	\$7,522,393	1,393,294	\$5,653,779	1,387,864	\$5,506,233
Croaker, Atlantic	9,424,828	\$3,088,174	8,714,432	\$2,946,914	9,170,775	\$3,027,261
Dolphinfish	35,923	\$40,438	42,348	\$44,805	47,144	\$41,162
Drum, Red	249,076	\$106,808	152,676	\$50,384	283,020	\$82,458
Eel, American	338,377	\$355,747	224,263	\$165,834	706,298	\$483,051
Finfish, Other	9,305,140	\$826,050	9,649,352	\$679,039	11,763,851	\$782,355
Flounder, Southern	2,613,970	\$2,650,535	1,960,200	\$1,661,321	2,294,059	\$1,689,008
Flounder, Summer	6,231,310	\$6,700,683	8,968,385	\$7,877,020	12,792,430	\$7,349,308
Goosefish	183,126	\$100,670	340,988	\$127,968	195,428	\$69,479
Groupers	770,518	\$1,142,190	724,579	\$958,716	910,907	\$1,075,403
Herring, River	6,814,323	\$647,293	11,548,278	\$845,906	6,516,109	\$596,428
Herring, Thread	134,890	\$2,313	3,364,773	\$110,048	3,358,710	\$104,118
Hog Snapper	5,052	\$5,732	4,683	\$5,729	2,219	\$2,107
Kingfishes	993,390	\$391,492	632,440	\$241,653	464,351	\$174,597
Mackerel, King	1,006,128	\$929,705	833,357	\$896,959	757,598	\$658,613
Mackerel, Spanish	232,197	\$81,184	173,186	\$67,127	127,467	\$42,043
Menhaden, Atlantic	66,377,931	\$1,590,955	97,738,403	\$2,330,061	157,667,480	\$4,745,831
Mullet, Striped	1,932,190	\$425,586	1,486,583	\$310,804	1,688,522	\$323,123
Oysters	745,548	\$1,452,056	545,439	\$1,037,153	724,557	\$1,207,277
Perch, White	672,153	\$325,532	701,278	\$376,791	440,774	\$189,347
Perch, Yellow	26,047	\$7,754	49,383	\$13,214	19,505	\$4,944
Porgies	459,509	\$426,969	1,030,442	\$733,396	1,561,644	\$854,968
Scallop, Bay	306,176	\$837,722	455,649	\$1,072,296	383,625	\$876,122
Scup	367,019	\$172,936	351	\$134	0	\$0
Sea Basses	1,097,887	\$975,210	1,218,762	\$1,002,066	990,089	\$740,632
Seatrout, Spotted	191,514	\$146,254	109,048	\$93,076	152,934	\$123,686
Shad, American	373,794	\$228,819	329,639	\$152,547	584,843	\$241,009
Shad, Gizzard	555,493	\$26,239	160,147	\$5,034	120,808	\$6,448
Shad, Hickory	20,822	\$3,899	42,121	\$8,898	59,698	\$13,300
Sharks	131,534	\$31,992	123,666	\$30,294	202,952	\$53,203
Sharks, Dogfishes	0	\$0	1,029	\$489	0	\$0
Shellfish, Other	2,184,348	\$4,216,993	815,024	\$277,929	1,100,827	\$1,042,384
Shrimp, Brown	4,118,661	\$10,085,043	10,377,162	\$18,845,277	3,662,603	\$7,648,310
Shrimp, Pink	1,904,050	\$3,532,093	1,254,851	\$2,189,280	1,277,111	\$2,549,688
Shrimp, Unclassified	0	\$0	0	\$0	0	\$0
Shrimp, White	112,063	\$286,863	44,666	\$90,365	97,035	\$277,667
Snappers	568,621	\$1,121,119	511,347	\$963,869	434,042	\$824,785
Spadefish	19,293	\$2,183	49,149	\$5,144	15,736	\$1,768
Spot	3,354,191	\$772,495	4,043,843	\$874,490	3,481,920	\$813,587
Striped Bass	188,992	\$189,859	279,940	\$229,586	512,896	\$452,002
Swordfish	94,005	\$324,097	77,729	\$224,722	132,302	\$419,142
Tilefishes	87,111	\$104,609	81,185	\$65,846	142,675	\$101,305
Triggerfish	39,794	\$12,018	29,831	\$8,597	33,278	\$9,040
Tunas	498,563	\$347,058	185,162	\$135,418	255,142	\$202,445
Wahoo	6,014	\$7,742	9,426	\$9,175	8,716	\$7,640
Weakfish	14,309,372	\$4,196,065	9,825,498	\$3,893,055	12,990,726	\$4,096,964

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1983		1982		1981	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	6,364	\$1,036	5,018	\$1,010	14,737	\$3,490
Blue Crabs, Hard	34,689,455	\$8,444,863	38,206,327	\$7,184,748	37,927,573	\$8,172,428
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	87,570	\$188,223	148,364	\$296,838	77,748	\$100,860
Bluefish	6,746,956	\$794,848	4,290,809	\$1,045,693	6,610,459	\$1,242,677
Catfishes	1,177,170	\$210,477	1,342,456	\$247,791	1,908,521	\$495,789
Clams, Hard	1,341,620	\$5,401,824	1,701,793	\$6,606,132	1,458,196	\$5,386,803
Croaker, Atlantic	7,249,680	\$2,842,139	10,824,953	\$4,031,186	11,205,342	\$3,944,643
Dolphinfish	30,393	\$23,985	41,448	\$32,471	5,939	\$4,460
Drum, Red	219,871	\$51,958	52,561	\$12,273	93,420	\$18,817
Eel, American	404,157	\$270,670	475,524	\$291,352	436,007	\$256,433
Finfish, Other	10,095,768	\$537,481	10,367,796	\$795,192	13,525,926	\$1,126,398
Flounder, Southern	2,533,417	\$1,586,072	1,940,195	\$1,393,349	2,212,948	\$1,438,282
Flounder, Summer	7,279,379	\$4,098,101	6,499,785	\$4,278,486	7,563,300	\$4,759,904
Goosefish	64,522	\$23,540	140,118	\$57,590	234,539	\$96,500
Groupers	949,537	\$798,338	914,496	\$739,446	882,696	\$824,392
Herring, River	5,868,332	\$464,389	9,437,703	\$704,599	4,753,723	\$316,850
Herring, Thread	3,014,330	\$116,695	84,420	\$2,430	924,600	\$28,322
Hog Snapper	1,743	\$1,569	1,229	\$1,116	0	\$0
Kingfishes	441,881	\$155,857	361,052	\$123,817	254,651	\$89,396
Mackerel, King	843,336	\$608,183	1,207,108	\$1,157,301	736,073	\$648,544
Mackerel, Spanish	41,336	\$15,221	189,217	\$61,268	51,639	\$22,004
Menhaden, Atlantic	177,973,440	\$6,167,878	187,015,090	\$5,773,042	309,414,710	\$10,038,759
Mullet, Striped	1,068,014	\$206,253	1,492,179	\$283,196	1,293,902	\$259,094
Oysters	724,509	\$1,124,147	611,998	\$908,676	550,502	\$730,293
Perch, White	498,694	\$205,319	665,082	\$276,147	395,312	\$120,827
Perch, Yellow	11,000	\$3,733	10,003	\$3,429	7,611	\$1,791
Porgies	1,473,107	\$825,378	2,297,459	\$1,334,546	2,178,151	\$1,172,247
Scallop, Bay	202,479	\$498,539	136,634	\$352,169	189,441	\$655,725
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	532,500	\$413,660	810,302	\$573,699	1,197,431	\$910,076
Seatrout, Spotted	165,360	\$125,482	83,847	\$59,896	113,304	\$59,371
Shad, American	445,879	\$187,360	411,852	\$183,483	351,500	\$189,793
Shad, Gizzard	255,966	\$13,494	529,076	\$26,446	270,400	\$5,471
Shad, Hickory	69,966	\$14,841	24,742	\$5,006	81,312	\$11,831
Sharks	136,612	\$28,376	94,580	\$23,674	96,434	\$46,810
Sharks, Dogfishes	90	\$23	6,405	\$713	4,506	\$671
Shellfish, Other	486,987	\$450,829	245,968	\$89,376	692,106	\$898,364
Shrimp, Brown	3,030,727	\$7,612,327	0	\$0	0	\$0
Shrimp, Pink	2,633,067	\$4,802,628	0	\$0	0	\$0
Shrimp, Unclassified	0	\$0	7,027,164	\$16,411,472	2,557,426	\$5,295,209
Shrimp, White	450,305	\$1,149,151	0	\$0	0	\$0
Snappers	485,591	\$908,669	598,093	\$1,048,857	512,378	\$938,864
Spadefish	1,370	\$249	4,309	\$604	13,860	\$2,460
Spot	2,952,295	\$685,370	4,918,763	\$1,080,090	3,511,574	\$823,728
Striped Bass	361,275	\$491,491	338,310	\$531,470	417,324	\$451,824
Swordfish	160,740	\$419,324	146,565	\$378,204	251,428	\$562,317
Tilefishes	80,711	\$44,807	57,241	\$25,357	55,648	\$26,391
Triggerfish	33,936	\$9,690	59,386	\$20,190	40,876	\$11,099
Tunas	170,381	\$85,658	95,563	\$49,347	36,134	\$24,045
Wahoo	7,274	\$6,495	2,708	\$1,674	1,030	\$922
Weakfish	10,233,738	\$4,308,345	12,052,232	\$5,319,001	16,893,546	\$5,305,036

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1980		1979		1978	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	6,764	\$1,531	3,982	\$608	0	\$0
Blue Crabs, Hard	34,322,937	\$5,975,221	26,623,723	\$4,622,539	23,558,546	\$4,326,084
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	87,482	\$132,448	80,367	\$129,908	46,826	\$89,718
Bluefish	5,443,558	\$760,630	3,405,674	\$654,727	1,948,110	\$256,666
Catfishes	1,625,739	\$368,106	1,651,842	\$345,886	1,740,102	\$351,246
Clams, Hard	1,541,719	\$5,554,047	1,449,570	\$4,473,737	892,235	\$2,449,054
Croaker, Atlantic	21,146,798	\$5,213,755	20,558,193	\$4,345,433	19,945,471	\$2,735,282
Dolphinfish	23,887	\$11,886	5,490	\$2,104	7,644	\$1,963
Drum, Red	243,223	\$47,133	126,517	\$21,728	21,774	\$2,480
Eel, American	960,196	\$1,038,575	954,534	\$800,529	695,605	\$472,252
Finfish, Other	14,398,575	\$673,446	18,670,522	\$973,074	8,568,825	\$262,296
Flounder, Southern	2,965,023	\$1,629,142	2,043,142	\$1,037,799	1,407,847	\$796,438
Flounder, Summer	13,916,867	\$6,259,110	16,376,919	\$7,800,437	10,903,165	\$5,510,225
Goosefish	623,409	\$218,598	356,622	\$66,669	102,286	\$22,338
Groupers	664,354	\$537,458	675,840	\$456,953	597,494	\$323,223
Herring, River	6,218,523	\$444,327	5,119,150	\$313,779	6,607,153	\$286,705
Herring, Thread	5,467,870	\$254,390	18,760	\$439	1,670,310	\$68,891
Hog Snapper	0	\$0	104	\$76	0	\$0
Kingfishes	342,605	\$110,436	310,503	\$69,580	153,954	\$29,534
Mackerel, King	768,946	\$646,543	381,616	\$274,229	171,877	\$107,687
Mackerel, Spanish	75,306	\$29,898	12,721	\$3,549	39,851	\$8,126
Menhaden, Atlantic	196,920,370	\$7,139,327	254,329,990	\$8,059,572	192,324,170	\$7,498,037
Mullet, Striped	2,215,532	\$360,145	1,767,955	\$343,427	1,752,233	\$230,787
Oysters	723,099	\$987,958	665,439	\$925,964	449,544	\$547,783
Perch, White	104,803	\$26,954	361,032	\$94,557	498,493	\$126,595
Perch, Yellow	4,658	\$883	7,122	\$1,678	29,894	\$6,862
Porgies	1,751,763	\$865,848	1,695,116	\$671,878	1,212,182	\$433,808
Scallop, Bay	327,780	\$1,107,072	193,437	\$514,419	218,548	\$389,161
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,530,986	\$931,324	1,374,662	\$806,513	1,149,444	\$533,903
Seatrout, Spotted	171,334	\$75,216	105,034	\$44,977	97,304	\$37,356
Shad, American	199,206	\$88,112	278,070	\$121,662	402,017	\$144,986
Shad, Gizzard	1,312,093	\$39,372	384,146	\$11,527	49,168	\$1,058
Shad, Hickory	91,501	\$12,680	31,716	\$5,163	20,507	\$3,790
Sharks	20,891	\$2,673	13,036	\$1,698	10,031	\$2,103
Sharks, Dogfishes	2,866	\$463	0	\$0	0	\$0
Shellfish, Other	1,320,268	\$3,116,016	2,432,885	\$5,229,281	2,185,594	\$4,534,435
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	9,823,490	\$17,184,994	4,941,240	\$9,728,917	2,960,762	\$3,883,836
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	422,374	\$727,478	332,062	\$526,627	174,742	\$230,361
Spadefish	295	\$207	1,200	\$252	152	\$27
Spot	7,100,053	\$1,493,437	7,303,405	\$1,430,017	4,878,437	\$627,225
Striped Bass	472,503	\$435,479	614,184	\$577,004	697,864	\$623,250
Swordfish	316,576	\$455,243	0	\$0	439,306	\$668,688
Tilefishes	24,708	\$8,907	20,241	\$5,180	50,487	\$13,236
Triggerfish	29,573	\$6,830	9,087	\$2,679	3,446	\$644
Tunas	116,024	\$24,774	24,945	\$16,430	6,275	\$1,952
Wahoo	2,327	\$1,515	1,092	\$541	2,359	\$849
Weakfish	20,343,952	\$3,783,923	14,759,197	\$2,940,319	10,849,313	\$1,967,925

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1977		1976		1975	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	12,220,812	\$2,148,346	11,731,946	\$2,405,635	11,072,059	\$1,454,456
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	15,974	\$17,000	20,065	\$26,549	20,234	\$16,996
Bluefish	2,331,446	\$218,663	1,356,036	\$128,325	1,975,169	\$165,658
Catfishes	2,073,054	\$424,091	1,538,124	\$303,691	1,686,647	\$279,711
Clams, Hard	739,066	\$1,068,880	306,179	\$258,163	285,089	\$226,087
Croaker, Atlantic	18,994,577	\$2,076,370	15,037,793	\$1,577,235	10,251,515	\$904,219
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	19,637	\$2,673	168,259	\$21,700	214,236	\$21,537
Eel, American	258,296	\$112,227	510,083	\$234,422	237,684	\$84,156
Finfish, Other	484,478	\$57,468	665,877	\$73,680	631,790	\$62,540
Flounder, Southern	704,212	\$318,829	1,706,267	\$622,423	1,730,809	\$580,701
Flounder, Summer	10,432,882	\$4,679,311	9,745,926	\$3,431,147	9,778,824	\$2,965,889
Goosefish	1,607	\$81	0	\$0	0	\$0
Groupers	29,378	\$15,753	11,833	\$6,575	44,894	\$21,842
Herring, River	8,523,813	\$421,603	6,401,360	\$336,750	5,952,067	\$215,501
Herring, Thread	4,891,000	\$180,164	11,006,760	\$478,308	6,842,040	\$222,374
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	204,603	\$33,926	123,896	\$20,173	212,530	\$31,635
Mackerel, King	244,771	\$125,978	156,405	\$108,822	100,001	\$60,122
Mackerel, Spanish	46,223	\$7,072	30,585	\$4,514	48,696	\$6,823
Menhaden, Atlantic	158,119,330	\$4,369,012	134,902,490	\$4,534,354	153,805,201	\$3,258,977
Mullet, Striped	1,834,935	\$193,291	2,071,741	\$208,208	1,952,748	\$204,083
Oysters	365,714	\$353,581	333,315	\$292,058	424,831	\$329,794
Perch, White	268,489	\$38,106	183,625	\$29,596	288,597	\$51,891
Perch, Yellow	36,819	\$5,579	11,248	\$1,784	2,806	\$448
Porgies	136,392	\$48,677	215,574	\$71,484	149,498	\$47,952
Scallop, Bay	412,476	\$711,311	248,468	\$194,457	134,752	\$104,622
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,464,668	\$629,009	573,338	\$292,174	1,147,761	\$447,012
Seatrout, Spotted	323,408	\$106,695	637,326	\$219,007	632,603	\$207,963
Shad, American	121,022	\$54,764	167,190	\$65,227	241,240	\$82,815
Shad, Gizzard	219,789	\$2,200	343,682	\$7,397	189,205	\$3,636
Shad, Hickory	22,109	\$1,755	18,716	\$1,797	29,202	\$2,485
Sharks	0	\$0	0	\$0	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	530,788	\$757,009	1,170,561	\$1,447,762	85,531	\$11,353
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	5,600,329	\$7,239,080	6,642,713	\$8,171,394	5,163,610	\$5,053,944
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	27,465	\$33,171	5,229	\$4,305	32,781	\$26,073
Spadefish	3,036	\$158	7,488	\$424	8,962	\$389
Spot	3,805,126	\$468,675	2,674,161	\$348,153	8,299,854	\$860,993
Striped Bass	571,651	\$405,263	1,038,154	\$522,637	1,303,197	\$629,928
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	0	\$0	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	1,300	\$260	1,352	\$135
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	8,671,210	\$1,048,664	8,713,522	\$958,694	6,725,476	\$807,937

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1974		1973		1972	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	13,163,411	\$1,373,499	11,963,252	\$1,536,873	13,479,254	\$1,345,159
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	33,439	\$23,130	45,280	\$27,762	49,809	\$29,186
Bluefish	2,182,973	\$186,574	2,008,046	\$152,320	1,167,721	\$98,854
Catfishes	1,793,904	\$288,240	1,957,475	\$286,525	2,398,012	\$333,753
Clams, Hard	287,675	\$321,983	379,573	\$294,098	274,153	\$162,655
Croaker, Atlantic	6,082,108	\$600,375	4,323,979	\$372,198	4,108,859	\$227,052
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	142,437	\$15,781	70,264	\$7,775	42,919	\$5,228
Eel, American	451,956	\$187,997	133,506	\$55,772	77,389	\$12,177
Finfish, Other	418,092	\$50,198	376,246	\$41,446	600,508	\$70,720
Flounder, Southern	1,617,306	\$434,365	904,700	\$309,569	785,348	\$277,446
Flounder, Summer	10,195,618	\$2,407,504	6,460,336	\$1,850,989	3,870,149	\$1,110,605
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	70,008	\$28,294	16,483	\$3,950	0	\$0
Herring, River	6,209,542	\$246,753	7,925,898	\$213,519	11,237,143	\$196,145
Herring, Thread	4,411,950	\$121,975	3,721,180	\$168,647	21,423,920	\$366,150
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	314,584	\$54,445	428,647	\$60,556	683,048	\$82,740
Mackerel, King	40,249	\$24,244	25,767	\$6,816	8,920	\$2,671
Mackerel, Spanish	73,372	\$9,396	64,211	\$8,983	96,251	\$12,999
Menhaden, Atlantic	121,197,640	\$2,886,563	66,943,030	\$2,539,604	84,692,020	\$1,219,329
Mullet, Striped	2,137,502	\$206,927	1,092,620	\$91,951	1,176,918	\$97,932
Oysters	558,821	\$435,804	548,351	\$446,485	470,112	\$344,217
Perch, White	309,250	\$57,146	145,280	\$21,826	201,855	\$26,923
Perch, Yellow	27,487	\$4,449	11,480	\$1,726	24,885	\$3,327
Porgies	65,653	\$20,036	27,710	\$7,434	39,188	\$9,364
Scallop, Bay	220,428	\$199,391	37,384	\$33,059	128,288	\$110,339
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,316,746	\$523,374	683,702	\$227,159	635,210	\$204,518
Seatrout, Spotted	669,607	\$207,154	611,004	\$181,902	502,792	\$153,421
Shad, American	368,833	\$105,668	321,000	\$85,491	468,484	\$111,609
Shad, Gizzard	387,351	\$7,745	169,169	\$2,361	0	\$0
Shad, Hickory	41,725	\$2,635	65,973	\$3,186	69,190	\$3,725
Sharks	0	\$0	0	\$0	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	104,991	\$17,714	608,573	\$362,424	1,089,666	\$497,212
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	8,440,203	\$4,606,363	5,003,417	\$4,738,223	5,563,261	\$3,549,492
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	21,076	\$17,406	6,784	\$3,241	121	\$36
Spadefish	1,658	\$97	1,462	\$79	634	\$33
Spot	5,606,952	\$624,919	5,397,368	\$675,908	3,902,144	\$378,138
Striped Bass	1,016,191	\$393,187	1,751,936	\$591,811	1,261,060	\$358,312
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	0	\$0	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	12,130	\$1,826	0	\$0	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	6,056,334	\$631,280	6,221,576	\$542,964	7,372,329	\$397,372

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1971		1970		1969	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	14,475,500	\$1,127,829	20,880,200	\$1,237,567	22,159,300	\$2,125,500
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	48,900	\$25,414	59,800	\$23,246	93,400	\$42,224
Bluefish	578,000	\$59,072	495,500	\$41,825	871,100	\$95,703
Catfishes	2,029,800	\$283,942	1,996,400	\$286,510	1,854,000	\$266,949
Clams, Hard	253,300	\$147,593	281,900	\$157,208	252,300	\$140,690
Croaker, Atlantic	948,200	\$53,605	806,800	\$37,875	1,368,700	\$62,089
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	17,200	\$1,718	7,500	\$648	3,900	\$330
Eel, American	167,200	\$26,628	15,500	\$1,516	17,600	\$791
Finfish, Other	2,961,300	\$95,822	2,656,235	\$67,516	2,080,900	\$59,682
Flounder, Southern	352,300	\$105,583	522,300	\$138,048	641,900	\$186,286
Flounder, Summer	3,658,600	\$1,012,840	2,640,500	\$641,676	2,124,300	\$519,862
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	14,000	\$2,520	0	\$0	400	\$63
Herring, River	12,721,900	\$203,122	11,521,400	\$193,756	19,761,700	\$303,717
Herring, Thread	6,281,900	\$107,646	5,161,000	\$83,970	4,442,100	\$60,442
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	478,200	\$55,785	563,000	\$74,217	842,700	\$99,878
Mackerel, King	8,900	\$2,228	12,300	\$2,965	16,100	\$3,586
Mackerel, Spanish	95,200	\$14,032	63,300	\$8,520	88,600	\$11,803
Menhaden, Atlantic	79,488,200	\$1,116,093	108,235,200	\$1,570,489	53,127,380	\$2,227,738
Mullet, Striped	713,000	\$50,049	1,123,000	\$59,230	1,090,100	\$81,785
Oysters	423,400	\$288,784	382,500	\$269,119	370,300	\$259,551
Perch, White	366,600	\$45,126	211,200	\$30,031	206,600	\$24,343
Perch, Yellow	24,100	\$3,080	43,200	\$5,913	28,200	\$2,892
Porgies	206,400	\$34,732	212,100	\$26,990	252,500	\$35,648
Scallop, Bay	60,000	\$42,412	130,200	\$91,087	612,500	\$382,718
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	747,500	\$163,987	1,178,300	\$229,127	1,047,000	\$191,564
Seatrout, Spotted	337,600	\$103,561	404,600	\$107,964	189,100	\$55,992
Shad, American	680,200	\$116,770	953,200	\$192,796	718,600	\$136,686
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	62,400	\$3,498	61,400	\$2,644	100,900	\$5,302
Sharks	2,000	\$60	2,800	\$113	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	1,363,000	\$450,919	1,675,900	\$523,953	114,100	\$43,454
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	7,614,900	\$4,765,496	5,054,300	\$2,492,767	7,854,200	\$4,475,828
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	7,400	\$3,591	500	\$80	400	\$109
Spadefish	3,900	\$184	2,000	\$75	300	\$32
Spot	1,190,100	\$173,265	1,528,900	\$142,247	1,487,800	\$187,819
Striped Bass	1,449,000	\$313,800	2,317,500	\$479,185	1,568,000	\$325,557
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	0	\$0	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	0	\$0	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	3,644,700	\$226,476	2,441,100	\$144,972	1,539,000	\$108,808

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1968		1967		1966	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	19,171,200	\$1,833,539	14,272,300	\$703,754	18,914,100	\$867,932
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	83,500	\$31,354	86,100	\$36,972	125,600	\$56,342
Bluefish	872,200	\$101,617	887,800	\$80,797	820,500	\$67,074
Catfishes	1,684,100	\$236,475	1,784,800	\$276,722	1,786,400	\$278,230
Clams, Hard	203,600	\$116,690	200,200	\$105,648	232,800	\$93,158
Croaker, Atlantic	1,200,800	\$59,836	1,282,800	\$65,101	1,267,000	\$62,549
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	12,500	\$834	12,800	\$1,236	35,200	\$3,579
Eel, American	24,500	\$1,024	23,100	\$921	54,400	\$2,277
Finfish, Other	4,516,300	\$69,853	6,945,200	\$104,541	6,741,500	\$104,649
Flounder, Southern	697,200	\$170,006	519,400	\$111,191	449,300	\$83,819
Flounder, Summer	1,905,600	\$455,713	3,872,000	\$756,235	3,568,100	\$660,428
Goosefish	4,000	\$237	5,600	\$321	0	\$0
Groupers	25,000	\$4,267	9,000	\$673	7,400	\$688
Herring, River	15,524,900	\$234,669	18,486,000	\$317,716	12,519,300	\$134,261
Herring, Thread	2,723,700	\$35,405	6,307,300	\$68,561	2,582,200	\$34,973
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	635,400	\$67,841	839,300	\$72,664	766,600	\$58,119
Mackerel, King	7,500	\$1,789	23,700	\$5,038	94,900	\$18,534
Mackerel, Spanish	68,900	\$7,486	72,700	\$8,113	78,500	\$9,414
Menhaden, Atlantic	167,189,100	\$1,957,865	46,135,870	\$1,693,735	36,534,710	\$2,537,808
Mullet, Striped	1,172,100	\$89,583	1,063,100	\$72,830	1,444,900	\$99,308
Oysters	402,900	\$268,416	518,500	\$316,376	726,100	\$398,993
Perch, White	299,100	\$30,695	384,500	\$46,073	402,300	\$23,870
Perch, Yellow	45,700	\$4,328	36,900	\$3,405	23,600	\$1,794
Porgies	176,400	\$17,215	462,100	\$44,826	1,925,800	\$115,545
Scallop, Bay	638,700	\$422,136	387,300	\$211,291	399,100	\$184,198
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,192,700	\$194,169	1,994,200	\$303,688	1,266,600	\$157,839
Seatrout, Spotted	97,200	\$31,118	122,500	\$36,142	115,900	\$33,886
Shad, American	842,700	\$127,547	777,200	\$154,702	701,300	\$169,810
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	141,600	\$6,342	130,300	\$8,406	196,700	\$5,929
Sharks	5,600	\$357	5,400	\$330	2,600	\$149
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	181,700	\$75,210	1,538,400	\$344,400	1,955,100	\$390,945
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	4,616,100	\$2,356,759	4,918,700	\$1,809,286	5,697,000	\$2,565,981
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	42,400	\$15,582	4,000	\$1,352	10,800	\$4,155
Spadefish	1,600	\$93	0	\$0	0	\$0
Spot	1,575,100	\$187,338	3,047,900	\$205,099	1,091,300	\$94,030
Striped Bass	1,911,800	\$384,971	1,817,200	\$253,217	652,800	\$100,095
Swordfish	0	\$0	0	\$0	76,900	\$38,353
Tilefishes	0	\$0	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	0	\$0	13,700	\$2,029
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	2,285,500	\$106,182	1,768,800	\$106,445	1,896,300	\$110,198

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1965		1964		1963	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	22,333,700	\$1,262,651	24,091,500	\$1,275,164	18,835,400	\$945,064
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	237,000	\$85,133	69,700	\$32,924	83,400	\$37,530
Bluefish	703,800	\$49,101	514,700	\$64,392	812,700	\$97,022
Catfishes	1,531,000	\$163,445	1,274,200	\$127,420	1,229,700	\$109,966
Clams, Hard	312,900	\$136,868	255,400	\$98,217	331,700	\$129,808
Croaker, Atlantic	1,753,400	\$107,913	1,866,900	\$139,066	2,275,700	\$152,442
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	71,400	\$8,505	101,500	\$9,022	71,200	\$4,812
Eel, American	40,000	\$1,807	53,000	\$2,650	38,600	\$1,930
Finfish, Other	9,487,200	\$169,948	12,075,100	\$158,685	11,498,100	\$131,088
Flounder, Southern	695,000	\$138,182	373,900	\$77,998	386,400	\$67,190
Flounder, Summer	4,026,000	\$813,224	2,076,600	\$402,838	2,287,500	\$375,796
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	0	\$0	1,400	\$112	400	\$24
Herring, River	12,825,800	\$132,601	7,560,900	\$76,880	15,099,600	\$150,996
Herring, Thread	1,074,700	\$13,853	0	\$0	0	\$0
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	1,337,000	\$118,982	1,141,300	\$95,669	1,071,300	\$111,307
Mackerel, King	138,900	\$28,287	88,500	\$17,700	52,600	\$10,520
Mackerel, Spanish	117,200	\$11,824	78,300	\$11,745	135,300	\$20,295
Menhaden, Atlantic	57,538,190	\$2,072,174	172,991,700	\$2,248,892	78,714,870	\$2,326,005
Mullet, Striped	1,260,100	\$83,160	1,219,900	\$90,128	1,911,000	\$122,621
Oysters	863,700	\$473,549	727,700	\$414,775	694,000	\$356,705
Perch, White	260,800	\$26,699	339,700	\$36,296	259,300	\$26,500
Perch, Yellow	32,400	\$2,973	60,400	\$5,437	43,300	\$2,718
Porgies	982,200	\$125,778	491,500	\$26,252	191,700	\$11,698
Scallop, Bay	379,000	\$196,342	339,700	\$172,622	321,100	\$121,914
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,089,800	\$146,836	906,200	\$121,827	738,500	\$77,405
Seatrout, Spotted	175,100	\$53,212	204,800	\$71,680	232,400	\$73,778
Shad, American	1,068,800	\$214,065	639,900	\$127,472	693,400	\$167,693
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	202,000	\$7,089	232,900	\$8,577	292,400	\$8,772
Sharks	2,100	\$125	13,900	\$1,390	4,100	\$353
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	1,008,100	\$306,732	58,400	\$7,052	47,500	\$5,355
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	5,416,200	\$1,719,235	4,279,000	\$1,503,239	3,373,900	\$1,064,831
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	0	\$0	500	\$150	2,200	\$616
Spadefish	200	\$7	2,100	\$168	9,900	\$788
Spot	912,600	\$69,363	1,251,200	\$110,591	915,500	\$84,021
Striped Bass	484,300	\$76,809	714,500	\$116,746	735,800	\$114,908
Swordfish	524,000	\$283,320	482,800	\$232,790	1,200	\$648
Tilefishes	0	\$0	700	\$56	200	\$16
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	59,500	\$11,334	33,100	\$2,895	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	1,959,400	\$130,228	1,965,700	\$133,535	1,760,900	\$133,765

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1962		1961		1960	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	12,221,300	\$494,161	15,880,100	\$608,478	14,936,700	\$716,387
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	97,700	\$34,200	100,800	\$35,280	90,900	\$31,815
Bluefish	954,600	\$117,662	752,400	\$93,833	614,600	\$78,145
Catfishes	1,060,900	\$84,872	1,093,400	\$87,472	1,057,900	\$85,352
Clams, Hard	246,700	\$98,680	490,400	\$196,160	431,500	\$172,600
Croaker, Atlantic	1,662,800	\$145,544	1,753,500	\$143,774	2,092,800	\$158,029
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	60,900	\$4,920	89,700	\$7,262	79,300	\$6,480
Eel, American	43,300	\$1,732	56,700	\$2,268	65,900	\$2,636
Finfish, Other	9,088,600	\$124,977	11,402,200	\$148,650	22,570,700	\$248,607
Flounder, Southern	381,600	\$56,355	362,000	\$54,553	327,400	\$48,728
Flounder, Summer	1,494,000	\$170,180	1,534,700	\$175,176	908,600	\$86,826
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	500	\$39	1,200	\$91	500	\$35
Herring, River	14,302,400	\$143,024	11,951,100	\$119,511	12,815,000	\$128,150
Herring, Thread	0	\$0	4,127,900	\$44,994	0	\$0
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	1,262,300	\$120,871	1,476,100	\$135,919	927,500	\$84,026
Mackerel, King	49,300	\$9,810	43,000	\$8,600	47,900	\$9,580
Mackerel, Spanish	83,200	\$12,480	133,600	\$20,040	118,500	\$17,775
Menhaden, Atlantic	122,898,100	\$1,364,169	221,555,400	\$2,414,953	190,431,300	\$1,980,480
Mullet, Striped	2,285,400	\$160,544	2,193,500	\$175,480	3,236,000	\$258,880
Oysters	961,400	\$485,589	1,209,100	\$615,467	1,216,200	\$560,442
Perch, White	320,300	\$32,030	346,500	\$34,650	303,600	\$30,360
Perch, Yellow	47,200	\$2,832	40,000	\$2,400	16,600	\$996
Porgies	292,800	\$23,470	240,800	\$19,264	138,600	\$11,088
Scallop, Bay	168,500	\$67,400	105,700	\$42,280	68,700	\$27,480
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	1,287,200	\$147,184	634,600	\$70,204	126,300	\$12,630
Seatrout, Spotted	204,700	\$61,410	209,100	\$52,275	171,200	\$42,800
Shad, American	765,000	\$191,250	673,200	\$168,300	506,700	\$126,675
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	171,700	\$8,585	276,500	\$13,825	180,700	\$9,035
Sharks	2,600	\$152	2,200	\$110	2,300	\$115
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	32,700	\$2,974	77,100	\$15,715	238,800	\$69,507
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	5,804,700	\$2,239,083	3,016,100	\$829,624	5,888,300	\$1,585,222
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	2,500	\$700	5,900	\$1,287	300	\$84
Spadefish	2,800	\$224	2,300	\$184	3,800	\$304
Spot	1,218,300	\$78,804	2,055,700	\$115,396	2,610,500	\$179,144
Striped Bass	747,300	\$119,568	549,700	\$87,952	782,300	\$125,168
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	400	\$32	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	900	\$45	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	2,160,500	\$149,820	2,307,700	\$127,046	2,240,300	\$124,298

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1959		1958		1957	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	14,738,900	\$851,234	12,523,500	\$717,152	11,571,600	\$657,148
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	124,400	\$37,320	75,600	\$21,415	63,600	\$15,900
Bluefish	740,400	\$87,417	436,900	\$58,270	815,900	\$106,669
Catfishes	1,464,800	\$117,184	1,533,900	\$123,881	1,258,500	\$100,680
Clams, Hard	339,500	\$135,800	277,500	\$111,000	243,300	\$97,320
Croaker, Atlantic	3,056,600	\$228,331	6,920,600	\$530,542	2,915,900	\$219,543
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	5,000	\$400	6,600	\$412	139,600	\$11,168
Eel, American	99,100	\$3,956	86,800	\$3,472	63,000	\$2,520
Finfish, Other	3,401,800	\$98,566	1,388,000	\$77,879	1,836,500	\$87,263
Flounder, Southern	373,000	\$54,210	181,600	\$26,188	451,700	\$61,137
Flounder, Summer	1,156,400	\$132,754	518,300	\$58,718	784,200	\$88,050
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	9,300	\$674	31,600	\$2,296	84,900	\$5,889
Herring, River	14,153,700	\$141,537	14,914,300	\$149,143	11,773,200	\$117,734
Herring, Thread	4,371,100	\$50,704	74,400	\$5,200	12,057,300	\$166,390
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	780,100	\$71,866	1,054,300	\$97,699	1,599,800	\$144,308
Mackerel, King	30,900	\$5,995	59,200	\$11,720	45,800	\$8,290
Mackerel, Spanish	156,400	\$23,460	211,300	\$31,695	247,800	\$37,170
Menhaden, Atlantic	279,887,800	\$3,246,699	235,384,500	\$3,483,690	172,522,300	\$2,380,826
Mullet, Striped	2,326,000	\$158,843	2,229,000	\$157,715	2,127,100	\$145,090
Oysters	1,311,000	\$587,607	1,041,500	\$434,311	1,086,500	\$479,757
Perch, White	442,300	\$44,230	381,400	\$38,140	472,200	\$47,220
Perch, Yellow	45,100	\$3,246	35,700	\$2,142	22,100	\$1,326
Porgies	34,000	\$2,716	35,200	\$2,816	23,800	\$1,890
Scallop, Bay	128,300	\$51,314	169,400	\$57,935	108,400	\$37,073
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	40,900	\$4,090	27,200	\$2,720	36,000	\$3,540
Seatrout, Spotted	388,800	\$97,200	177,300	\$44,325	578,300	\$144,575
Shad, American	418,600	\$104,650	492,800	\$123,200	837,000	\$209,250
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	99,500	\$5,970	193,200	\$6,656	247,900	\$14,874
Sharks	12,900	\$645	4,200	\$210	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	28,100	\$4,744	11,900	\$1,614	20,300	\$1,538
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	6,377,800	\$1,413,473	2,518,100	\$719,375	7,933,100	\$2,262,944
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	15,400	\$4,171	27,700	\$7,756	225,100	\$63,028
Spadefish	4,800	\$366	0	\$0	0	\$0
Spot	2,264,900	\$147,046	2,320,900	\$172,606	2,157,500	\$156,244
Striped Bass	871,500	\$157,456	1,096,000	\$197,280	597,000	\$89,550
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	300	\$28	400	\$32	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	0	\$0	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	2,912,700	\$166,583	3,810,100	\$216,403	2,210,300	\$157,522

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1956		1955		1954	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	8,245,000	\$412,250	9,480,100	\$568,696	9,727,200	\$348,610
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	71,000	\$14,200	25,800	\$5,170	95,100	\$14,265
Bluefish	632,800	\$63,280	434,800	\$52,938	323,100	\$39,282
Catfishes	1,087,600	\$87,008	950,900	\$75,536	930,200	\$75,456
Clams, Hard	147,700	\$51,695	122,000	\$34,460	244,000	\$72,264
Croaker, Atlantic	4,828,800	\$289,728	992,600	\$53,636	1,015,500	\$50,593
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	30,100	\$3,010	135,400	\$13,540	267,400	\$24,714
Eel, American	113,100	\$4,524	45,200	\$2,922	37,000	\$2,258
Finfish, Other	1,254,700	\$64,096	1,542,100	\$74,530	1,747,500	\$103,132
Flounder, Southern	214,500	\$32,175	191,600	\$26,724	333,800	\$49,102
Flounder, Summer	787,600	\$79,905	934,500	\$112,290	1,311,300	\$193,743
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	26,700	\$1,602	0	\$0	0	\$0
Herring, River	12,553,400	\$134,810	12,647,900	\$129,670	12,758,000	\$127,580
Herring, Thread	5,000,000	\$68,500	0	\$0	0	\$0
Hog Snapper	0	\$0	0	\$0	0	\$0
Kingfishes	1,433,800	\$114,704	1,281,300	\$103,194	1,879,400	\$136,770
Mackerel, King	7,300	\$1,314	13,200	\$2,500	0	\$0
Mackerel, Spanish	345,600	\$55,296	165,400	\$25,035	329,500	\$42,227
Menhaden, Atlantic	246,647,900	\$3,379,080	184,918,700	\$2,292,993	160,301,000	\$2,067,883
Mullet, Striped	2,194,100	\$175,528	1,888,200	\$191,720	1,781,100	\$184,273
Oysters	1,318,000	\$563,777	731,000	\$286,395	1,008,400	\$395,870
Perch, White	417,000	\$32,860	799,500	\$68,252	1,504,600	\$103,352
Perch, Yellow	53,400	\$3,184	27,900	\$2,046	28,200	\$1,872
Porgies	97,700	\$5,862	15,000	\$1,039	41,100	\$2,109
Scallop, Bay	125,200	\$62,600	78,300	\$39,150	51,700	\$25,850
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	79,700	\$7,970	19,100	\$2,706	41,400	\$4,700
Seatrout, Spotted	389,400	\$116,820	442,600	\$132,780	659,900	\$173,940
Shad, American	773,200	\$193,300	649,000	\$159,619	1,444,700	\$258,185
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	268,300	\$16,098	250,700	\$11,988	324,400	\$16,725
Sharks	0	\$0	0	\$0	0	\$0
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	20,000	\$1,952	0	\$0	5,000	\$500
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	6,243,200	\$1,594,368	10,323,600	\$2,369,306	9,182,400	\$1,836,480
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	130,400	\$36,512	0	\$0	0	\$0
Spadefish	0	\$0	0	\$0	0	\$0
Spot	2,574,800	\$180,236	1,898,000	\$189,692	2,389,900	\$159,698
Striped Bass	763,500	\$119,255	736,000	\$120,099	1,121,700	\$188,303
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	0	\$0	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	0	\$0	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	1,842,400	\$147,392	1,355,800	\$135,710	2,381,100	\$236,698

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1953		1952		1951	
	Pounds	Value	Pounds	Value	Pounds	Value
Amberjack	0	\$0	0	\$0	0	\$0
Blue Crabs, Hard	10,486,900	\$354,449	6,161,700	\$196,854	7,822,200	\$212,035
Blue Crabs, Peeler	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft	0	\$0	0	\$0	0	\$0
Blue Crabs, Soft and Peeler	167,800	\$33,560	124,200	\$18,630	167,000	\$24,906
Bluefish	541,700	\$66,984	736,800	\$83,089	925,900	\$104,901
Catfishes	942,800	\$80,341	992,900	\$85,720	529,900	\$50,834
Clams, Hard	444,800	\$115,887	724,500	\$166,740	834,800	\$192,051
Croaker, Atlantic	1,433,900	\$69,118	1,346,300	\$66,325	2,102,100	\$112,531
Dolphinfish	0	\$0	0	\$0	0	\$0
Drum, Red	285,100	\$28,276	222,700	\$26,584	182,400	\$21,888
Eel, American	52,400	\$2,440	38,600	\$1,452	32,600	\$1,682
Finfish, Other	1,545,100	\$103,261	2,592,500	\$154,576	2,934,300	\$102,888
Flounder, Southern	398,900	\$60,440	501,700	\$85,928	463,300	\$86,299
Flounder, Summer	1,444,600	\$214,603	1,654,300	\$261,712	1,015,500	\$168,547
Goosefish	0	\$0	0	\$0	0	\$0
Groupers	0	\$0	0	\$0	100	\$15
Herring, River	13,841,500	\$138,415	6,510,200	\$81,221	12,534,500	\$129,267
Herring, Thread	0	\$0	0	\$0	0	\$0
Hog Snapper	0	\$0	0	\$0	2,000	\$60
Kingfishes	1,490,200	\$132,416	1,484,500	\$141,167	1,122,100	\$100,373
Mackerel, King	0	\$0	0	\$0	300	\$36
Mackerel, Spanish	107,400	\$16,455	174,300	\$29,079	206,300	\$31,781
Menhaden, Atlantic	132,104,700	\$1,387,098	191,341,300	\$1,626,501	104,012,900	\$978,562
Mullet, Striped	2,505,800	\$243,842	3,850,400	\$361,647	4,013,000	\$393,356
Oysters	1,525,300	\$536,015	1,620,900	\$600,238	1,531,900	\$632,122
Perch, White	696,500	\$47,303	458,100	\$41,724	394,100	\$42,213
Perch, Yellow	58,600	\$3,926	45,800	\$3,784	39,200	\$3,928
Porgies	44,900	\$2,310	104,500	\$7,423	152,800	\$7,650
Scallop, Bay	65,300	\$32,650	253,800	\$126,900	183,400	\$95,696
Scup	0	\$0	0	\$0	0	\$0
Sea Basses	82,300	\$9,556	109,800	\$13,002	94,000	\$9,818
Seatrout, Spotted	631,700	\$155,160	643,400	\$191,230	267,400	\$80,840
Shad, American	1,187,800	\$292,640	1,479,200	\$377,091	1,244,500	\$300,116
Shad, Gizzard	0	\$0	0	\$0	0	\$0
Shad, Hickory	438,700	\$16,494	453,000	\$19,799	196,000	\$14,007
Sharks	0	\$0	0	\$0	6,600	\$390
Sharks, Dogfishes	0	\$0	0	\$0	0	\$0
Shellfish, Other	9,000	\$900	28,200	\$2,940	67,100	\$7,631
Shrimp, Brown	0	\$0	0	\$0	0	\$0
Shrimp, Pink	0	\$0	0	\$0	0	\$0
Shrimp, Unclassified	14,645,100	\$3,622,950	8,712,600	\$1,905,065	8,199,500	\$1,949,907
Shrimp, White	0	\$0	0	\$0	0	\$0
Snappers	0	\$0	5,000	\$1,000	7,500	\$1,500
Spadefish	0	\$0	0	\$0	0	\$0
Spot	2,814,700	\$175,546	5,548,000	\$249,355	4,614,500	\$210,728
Striped Bass	757,000	\$137,319	647,000	\$121,231	702,200	\$134,110
Swordfish	0	\$0	0	\$0	0	\$0
Tilefishes	0	\$0	0	\$0	0	\$0
Triggerfish	0	\$0	0	\$0	0	\$0
Tunas	0	\$0	0	\$0	0	\$0
Wahoo	0	\$0	0	\$0	0	\$0
Weakfish	1,897,100	\$185,038	1,625,600	\$167,994	1,262,900	\$126,403

**Table 28. Commercial landings of select species of finfish and shellfish from 1950 to 2004
(continued).**

	1950	
	Pounds	Value
Amberjack	0	\$0
Blue Crabs, Hard	6,680,500	\$266,888
Blue Crabs, Peeler	0	\$0
Blue Crabs, Soft	0	\$0
Blue Crabs, Soft and Peeler	208,800	\$24,753
Bluefish	1,272,200	\$181,088
Catfishes	671,300	\$53,805
Clams, Hard	836,400	\$157,132
Croaker, Atlantic	2,095,800	\$103,406
Dolphinfish	0	\$0
Drum, Red	200,900	\$20,793
Eel, American	174,600	\$21,490
Finfish, Other	2,254,700	\$115,379
Flounder, Southern	618,200	\$93,432
Flounder, Summer	1,221,500	\$184,491
Goosefish	0	\$0
Groupers	0	\$0
Herring, River	6,422,500	\$128,459
Herring, Thread	32,000	\$240
Hog Snapper	4,400	\$132
Kingfishes	1,398,600	\$126,800
Mackerel, King	0	\$0
Mackerel, Spanish	147,500	\$23,725
Menhaden, Atlantic	124,904,900	\$1,221,468
Mullet, Striped	3,220,800	\$357,194
Oysters	1,322,100	\$555,686
Perch, White	510,200	\$50,913
Perch, Yellow	34,900	\$3,490
Porgies	59,400	\$4,198
Scallop, Bay	71,600	\$38,906
Scup	0	\$0
Sea Basses	75,600	\$6,140
Seatrout, Spotted	482,000	\$143,719
Shad, American	1,100,300	\$339,970
Shad, Gizzard	0	\$0
Shad, Hickory	294,900	\$13,684
Sharks	5,500	\$550
Sharks, Dogfishes	0	\$0
Shellfish, Other	27,800	\$4,093
Shrimp, Brown	0	\$0
Shrimp, Pink	0	\$0
Shrimp, Unclassified	8,311,200	\$1,999,358
Shrimp, White	0	\$0
Snappers	0	\$0
Spadefish	0	\$0
Spot	5,172,300	\$234,090
Striped Bass	796,800	\$165,207
Swordfish	0	\$0
Tilefishes	0	\$0
Triggerfish	0	\$0
Tunas	141,000	\$4,231
Wahoo	0	\$0
Weakfish	1,567,400	\$155,245

Table 29. Commercial oyster landings, 1887-2004.

Year	Pounds (meat)	Bushels (thousands)
1887	1,175,650	382
1888	1,129,960	367
1889	5,528,942	1,795
1890	4,456,075	1,447
1897	4,740,675	1,539
1902	5,645,928	1,833
1908	4,159,320	1,350
1910	1,834,058	596
1918	1,197,630	389
1923	3,089,146	1,003
1927	2,397,750	779
1928	2,286,610	743
1929	2,828,420	918
1930	2,205,674	716
1931	1,500,571	487
1932	1,201,356	390
1934	1,160,700	377
1936	2,480,500	805
1937	1,940,900	630
1938	1,426,900	463
1939	1,055,600	343
1940	690,400	224
1945	1,707,100	554
1950	1,322,100	225
1951	1,531,900	247
1952	1,620,900	331
1953	1,525,300	310
1954	1,008,400	223
1955	731,000	150
1956	1,318,000	285
1957	1,086,500	239
1958	1,041,500	228
1959	1,311,000	287
1960	1,216,200	289
1961	1,209,100	233
1962	961,400	192
1963	694,000	133
1964	727,700	153
1965	863,700	166
1966	726,209	138
1967	518,514	100
1968	402,959	84
1969	369,928	81
1970	381,978	78
1971	423,675	83
1972	470,112	93
1973	548,351	101
1974	558,821	105
1975	424,831	79
1976	333,315	66
1977	365,714	70
1978	449,544	97

Table 29. Commercial oyster landings, 1887-2004 (continued).

Year	Pounds (meat)	Bushels (thousands)
1979	665,439	168
1980	723,099	123
1981	550,502	97
1982	611,998	112
1983	724,509	117
1984	724,557	115
1985	545,439	94
1986	745,548	129
1987	1,425,584	225
1988	913,100	138
1989	529,858	90
1990	328,850	52
1991	319,040	61
1992	293,956	57
1993	223,993	42
1994	197,904	37
1995	232,498	44
1996	219,411	41
1997	249,007	47
1998	236,043	45
1999	216,329	41
2000	203,427	38
2001	258,086	49
2002	243,775	46
2003	260,966	49
2004	367,660	69

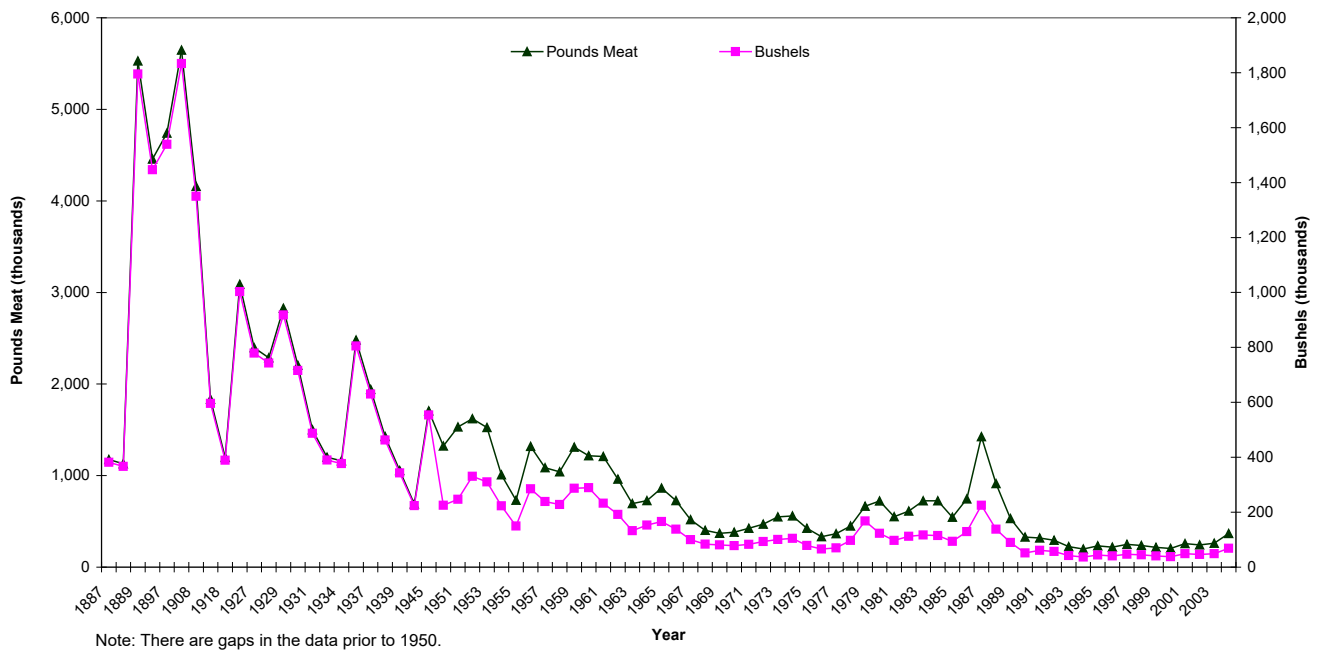


Figure 3. Commercial oyster landings in pounds and bushels from 1887 to 2004.

Table 30. Commercial oyster landings by gear type from 1930 to 2004.

Year	Dredge	Tongs, Rakes, By Hand	Total
1930	1,516,987	688,687	2,205,674
1931	892,320	606,846	1,500,571
1932	590,754	610,602	1,201,356
1934	766,900	393,800	1,160,700
1936	1,948,700	531,800	2,480,500
1937	1,726,300	214,600	1,940,900
1938	1,191,500	235,400	1,426,900
1939	933,700	121,900	1,055,600
1940	540,200	150,200	690,400
1945	1,586,700	220,400	1,707,100
1950	1,021,000	301,100	1,322,100
1951	1,229,200	302,700	1,531,900
1952	1,418,500	202,247	1,620,900
1953	1,319,700	205,600	1,525,300
1954	822,800	175,600	1,008,400
1955	493,000	238,000	731,000
1956	1,053,300	264,700	1,318,000
1957	766,900	319,600	1,086,500
1958	576,300	465,200	1,041,500
1959	782,000	529,000	1,311,000
1960	664,000	552,200	1,216,200
1961	538,200	670,900	1,209,100
1962	378,700	582,700	961,400
1963	164,400	529,600	694,000
1964	266,800	460,900	727,700
1965	267,300	596,400	863,700
1966	213,600	512,600	726,209
1967	195,500	319,400	518,514
1968	114,100	288,500	402,959
1969	138,400	231,900	369,928
1970	155,400	227,100	381,978
1971	247,000	176,400	423,675
1972	215,030	255,082	470,112
1973	349,963	198,388	548,351
1974	335,722	223,099	558,821
1975	248,842	175,989	424,831
1976	170,698	162,617	333,315
1977	216,345	149,369	365,714
1978	120,890	328,597	449,487
1979	282,726	379,584	662,310
1980	377,785	344,831	722,616
1981	244,388	306,114	550,502
1982	281,027	330,971	611,998
1983	432,037	292,472	724,509
1984	502,266	222,291	724,557
1985	336,754	208,685	545,439
1986	446,762	298,786	745,548
1987	1,108,060	317,524	1,425,584
1988	675,698	237,402	913,100
1989	244,788	285,070	529,858
1990	122,481	206,316	328,797
1991	74,649	244,391	319,040

Table 30. Commercial oyster landings by gear type from 1930 to 2004 (continued).

Year	Dredge	Tongs, Rakes, By Hand	Total
1992	30,852	263,104	293,956
1993	7,807	214,316	222,123
1994	12,241	185,131	197,372
1995	2,995	229,056	232,051
1996	27	218,215	218,242
1997	2,124	245,825	247,949
1998	34,562	200,763	235,325
1999	46,392	170,370	216,043
2000	18,626	184,801	203,427
2001	39,127	218,959	258,086
2002	33,081	210,694	243,775
2003	48,927	212,039	260,966
2004	110,410	257,250	367,660

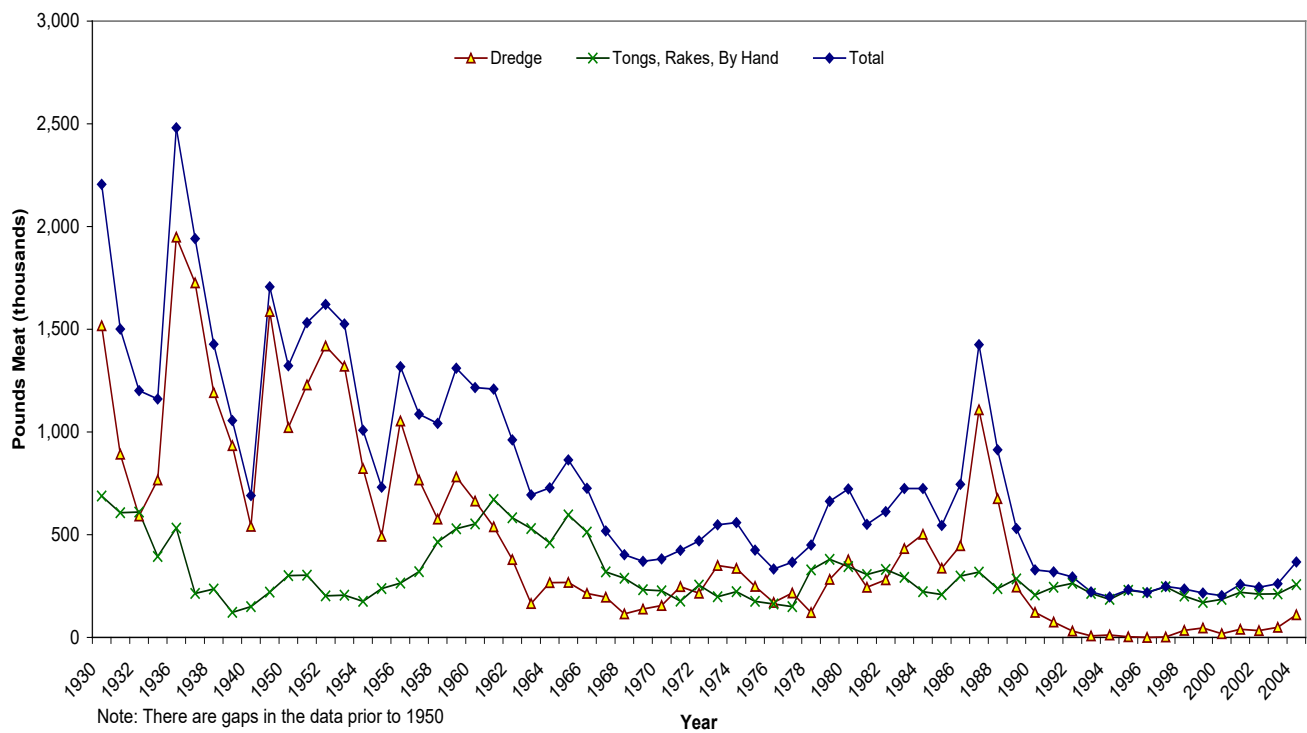


Figure 4. Commercial oyster landings by gear type from 1930 to 2004.

Table 31. Commercial seafood landings by county of landing from 1962 to 2004 (*) indicates confidential data).**

County	2004		2003		2002		2001	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	5,212,180	\$3,668,739	6,247,212	\$5,290,595	6,402,445	\$5,690,119	4,771,826	\$4,895,800
Bertie	28,383	\$11,119	21,820	\$11,566	85,522	\$34,711	74,534	\$29,393
Bladen	***	***	***	***	***	***	***	***
Brunswick	2,396,626	\$3,776,541	2,249,320	\$3,459,964	2,193,485	\$3,310,651	2,422,054	\$3,697,707
Camden	2,072,470	\$1,834,230	3,654,632	\$4,102,430	2,417,663	\$2,927,849	2,308,912	\$2,689,077
Carteret	61,078,593	\$19,458,417	59,165,668	\$18,782,353	82,065,590	\$19,753,067	66,196,732	\$18,797,130
Chowan	608,920	\$301,344	874,079	\$483,472	942,148	\$449,909	1,036,071	\$440,313
Columbus	27,737	\$79,095	24,092	\$68,589	24,967	\$74,441	24,032	\$75,743
Craven	807,392	\$515,553	963,336	\$751,616	873,648	\$740,739	755,321	\$628,082
Currituck	2,097,390	\$1,643,425	2,014,165	\$2,151,322	3,320,548	\$3,614,111	2,054,782	\$2,050,575
Dare	31,388,840	\$20,635,044	32,531,441	\$20,076,715	28,888,494	\$23,014,326	31,550,815	\$24,858,856
Davidson	***	***	***	***	0	\$0	0	\$0
Davie	0	\$0	0	\$0	0	\$0	0	\$0
Duplin	***	***	***	***	***	***	18,362	\$10,510
Edgecombe	0	\$0	0	\$0	0	\$0	0	\$0
Forsyth	0	\$0	***	***	0	\$0	0	\$0
Franklin	0	\$0	***	***	0	\$0	0	\$0
Greene	***	***	0	\$0	0	\$0	0	\$0
Halifax	0	\$0	***	***	***	***	***	***
Hertford	***	***	***	***	***	***	***	***
Hyde	9,027,344	\$7,760,904	10,575,955	\$8,822,318	10,644,912	\$9,538,517	9,063,900	\$8,180,132
Johnston	***	***	0	\$0	0	\$0	0	\$0
Jones	0	\$0	***	***	***	***	***	***
Lee	0	\$0	0	\$0	0	\$0	0	\$0
Lenoir	***	***	0	\$0	0	\$0	***	***
Lincoln	0	\$0	0	\$0	***	***	0	\$0
Martin	0	\$0	***	***	***	***	0	\$0
Mecklenburg	***	***	***	***	0	\$0	0	\$0
New Hanover	1,702,461	\$2,127,986	1,810,440	\$2,644,431	1,830,249	\$2,625,220	1,693,058	\$2,415,922
Onslow	2,346,079	\$4,619,209	2,941,558	\$5,303,912	2,938,756	\$5,515,602	2,772,781	\$5,447,350
Orange	0	\$0	0	\$0	0	\$0	0	\$0
Pamlico	7,035,847	\$7,220,700	5,517,436	\$5,800,535	5,831,009	\$7,030,229	4,948,220	\$6,459,754
Pasquotank	1,897,746	\$1,541,163	3,239,107	\$3,006,559	3,341,211	\$2,996,948	1,979,675	\$2,093,436
Pender	601,055	\$734,161	612,465	\$759,589	487,015	\$676,627	506,057	\$765,960
Perquimans	1,318,462	\$1,153,188	1,758,319	\$1,524,525	2,369,701	\$2,374,948	1,623,054	\$1,704,309
Pitt	39,954	\$18,597	36,390	\$23,989	69,519	\$43,327	28,776	\$21,160
Robeson	0	\$0	0	\$0	0	\$0	***	***
Rockingham	0	\$0	0	\$0	***	***	***	***
Rowan	0	\$0	0	\$0	0	\$0	0	\$0
Sampson	***	***	***	***	***	***	***	***
Scotland	0	\$0	0	\$0	0	\$0	***	***
Tyrrell	3,281,942	\$1,848,785	4,259,775	\$3,339,026	3,966,299	\$3,092,411	3,032,481	\$2,612,295
Union	0	\$0	***	***	***	***	***	***
Unknown	0	\$0	0	\$0	0	\$0	0	\$0
Wake	***	***	***	***	326	\$627	***	***
Washington	1,058,230	\$736,326	782,722	\$623,124	1,351,769	\$1,170,404	200,844	\$209,883
Wayne	***	***	***	***	0	\$0	0	\$0
***Confidential*	73,946	\$59,518	145,120	\$96,724	125,783	\$67,622	104,382	\$51,656

Table 31. Commercial seafood landings by county of landing from 1962 to 2004 (*) indicates confidential data) (continued).**

County	2000		1999		1998		1997	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	7,382,973	\$7,139,442	10,622,250	\$7,257,209	9,906,873	\$7,892,255	11,357,687	\$8,067,173
Bertie	109,037	\$46,188	147,642	\$62,508	***	***	***	***
Bladen	***	***	***	***	***	***	***	***
Brunswick	2,615,099	\$4,300,089	2,964,543	\$5,291,259	3,007,356	\$4,852,645	2,808,839	\$4,645,993
Camden	2,768,825	\$3,331,270	2,024,534	\$1,528,937	1,691,873	\$1,533,703	1,358,368	\$930,439
Carteret	69,007,525	\$20,764,994	57,126,109	\$19,235,808	81,009,690	\$21,377,803	128,838,569	\$29,145,621
Chowan	1,566,293	\$697,358	1,394,165	\$685,536	1,801,899	\$918,753	1,612,346	\$866,035
Columbus	42,077	\$92,747	213,140	\$163,666	214,781	\$184,964	389,177	\$263,980
Craven	669,274	\$548,526	877,582	\$643,890	839,022	\$628,968	760,220	\$619,522
Currituck	2,074,254	\$2,021,142	2,372,177	\$1,698,542	2,145,108	\$1,867,611	2,109,005	\$1,697,383
Dare	33,402,217	\$26,422,509	33,929,268	\$22,847,494	36,890,488	\$23,753,570	38,500,819	\$24,532,225
Davidson	0	\$0	0	\$0	0	\$0	0	\$0
Davie	0	\$0	0	\$0	0	\$0	0	\$0
Duplin	10,149	\$10,714	***	***	***	***	***	***
Edgecombe	***	***	0	\$0	0	\$0	0	\$0
Forsyth	0	\$0	0	\$0	0	\$0	0	\$0
Franklin	0	\$0	0	\$0	0	\$0	0	\$0
Greene	0	\$0	0	\$0	0	\$0	0	\$0
Halifax	***	***	***	***	***	***	0	\$0
Hertford	28,013	\$11,379	60,776	\$23,118	60,557	\$22,062	17,232	\$8,345
Hyde	11,914,417	\$12,638,552	15,414,096	\$12,439,977	15,799,661	\$10,669,813	14,289,840	\$11,092,738
Johnston	0	\$0	0	\$0	***	***	0	\$0
Jones	***	***	***	***	***	***	0	\$0
Lee	0	\$0	***	***	***	***	***	***
Lenoir	0	\$0	***	***	***	***	0	\$0
Lincoln	0	\$0	0	\$0	0	\$0	0	\$0
Martin	***	***	***	***	3,207	\$2,208	***	***
Mecklenburg	0	\$0	0	\$0	0	\$0	0	\$0
New Hanover	1,796,131	\$2,545,761	2,072,789	\$2,899,173	2,042,606	\$2,899,081	2,235,758	\$3,196,392
Onslow	3,033,915	\$6,460,669	2,693,936	\$5,657,016	2,674,505	\$5,233,941	2,530,197	\$5,147,487
Orange	0	\$0	***	***	***	***	***	***
Pamlico	8,760,880	\$12,489,063	11,054,992	\$10,649,368	10,468,899	\$9,248,373	12,820,570	\$11,785,941
Pasquotank	2,278,629	\$2,419,462	2,562,695	\$1,938,687	3,823,233	\$3,498,656	2,470,649	\$2,186,801
Pender	525,181	\$815,134	647,645	\$794,847	532,279	\$762,119	583,474	\$746,067
Perquimans	1,718,345	\$1,804,635	2,273,451	\$1,938,768	1,911,045	\$1,819,887	1,239,824	\$1,127,763
Pitt	39,498	\$33,791	80,400	\$42,491	47,292	\$27,743	26,471	\$15,892
Robeson	***	***	***	***	***	***	***	***
Rockingham	0	\$0	***	***	0	\$0	0	\$0
Rowan	0	\$0	0	\$0	0	\$0	0	\$0
Sampson	***	***	***	***	0	\$0	0	\$0
Scotland	0	\$0	***	***	0	\$0	0	\$0
Tyrrell	3,758,280	\$3,064,387	4,424,105	\$2,870,321	4,745,544	\$3,317,872	4,024,259	\$2,528,114
Union	0	\$0	0	\$0	0	\$0	0	\$0
Unknown	0	\$0	0	\$0	0	\$0	0	\$0
Wake	***	***	756	\$829	***	***	***	***
Washington	701,177	\$661,440	751,025	\$613,989	434,161	\$404,801	457,383	\$471,216
Wayne	0	\$0	0	\$0	***	***	***	***
***Confidential*	27,490	\$13,013	26,497	\$21,919	173,768	\$104,273	148,975	\$50,921

Table 31. Commercial seafood landings by county of landing from 1962 to 2004 (*) indicates confidential data) (continued).**

County	1996		1995		1994		1993	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	13,441,323	\$9,524,598	9,585,094	\$8,475,558	9,758,507	\$6,298,638	4,918,238	\$2,272,079
Bertie	***	***	***	***	177,297	\$153,594	***	***
Bladen	5,277	\$4,812	***	***	***	***	***	***
Brunswick	2,799,646	\$4,611,038	3,738,490	\$5,344,954	2,997,521	\$4,516,016	2,396,479	\$3,567,143
Camden	1,040,836	\$721,643	209,842	\$239,536	5,898	\$5,244	90,788	\$45,678
Carteret	75,252,837	\$23,227,008	80,775,911	\$26,217,577	96,592,206	\$20,649,916	89,947,140	\$18,309,071
Chowan	2,045,417	\$1,052,106	1,610,296	\$802,703	2,328,338	\$922,836	2,434,738	\$510,823
Columbus	432,810	\$312,005	335,473	\$229,191	326,502	\$169,438	***	***
Craven	962,425	\$719,359	504,012	\$504,291	636,626	\$503,964	581,414	\$311,401
Currituck	2,610,446	\$1,861,075	2,684,864	\$1,940,097	2,001,798	\$1,013,343	1,295,049	\$476,743
Dare	43,712,037	\$23,868,229	39,608,490	\$27,704,208	38,759,391	\$21,797,090	34,035,050	\$14,040,502
Davidson	0	\$0	0	\$0	0	\$0	0	\$0
Davie	0	\$0	0	\$0	0	\$0	0	\$0
Duplin	***	***	***	***	***	***	0	\$0
Edgecombe	0	\$0	0	\$0	0	\$0	0	\$0
Forsyth	0	\$0	0	\$0	0	\$0	0	\$0
Franklin	0	\$0	0	\$0	0	\$0	0	\$0
Greene	***	***	***	***	0	\$0	0	\$0
Halifax	0	\$0	0	\$0	0	\$0	0	\$0
Hertford	97,697	\$24,685	53,148	\$13,921	61,806	\$10,182	9,180	\$2,151
Hyde	14,371,620	\$9,379,684	10,334,382	\$9,234,070	12,992,409	\$10,184,957	12,189,360	\$6,131,467
Johnston	***	***	***	***	***	***	0	\$0
Jones	0	\$0	***	***	0	\$0	0	\$0
Lee	***	***	***	***	***	***	0	\$0
Lenoir	0	\$0	1,893	\$2,412	***	***	0	\$0
Lincoln	0	\$0	0	\$0	0	\$0	0	\$0
Martin	7,033	\$8,999	***	***	***	***	0	\$0
Mecklenburg	0	\$0	0	\$0	0	\$0	0	\$0
New Hanover	1,810,341	\$2,660,720	2,218,608	\$3,218,872	2,365,590	\$3,073,706	1,954,103	\$2,847,124
Onslow	2,404,857	\$4,509,298	3,046,219	\$5,052,669	2,794,762	\$4,211,576	3,506,305	\$4,388,078
Orange	***	***	***	***	***	***	0	\$0
Pamlico	13,460,405	\$11,832,527	8,543,045	\$10,886,663	9,217,487	\$9,960,997	5,705,948	\$4,932,715
Pasquotank	6,043,650	\$4,610,120	6,191,765	\$5,471,849	6,522,378	\$4,400,661	6,780,917	\$3,237,332
Pender	556,363	\$676,412	684,080	\$801,212	637,684	\$737,525	1,483,311	\$1,873,426
Perquimans	1,859,839	\$1,310,008	1,168,039	\$1,070,720	214,815	\$135,216	8,996	\$2,112
Pitt	28,099	\$15,997	18,304	\$13,385	29,783	\$16,337	0	\$0
Robeson	0	\$0	0	\$0	0	\$0	0	\$0
Rockingham	0	\$0	0	\$0	0	\$0	0	\$0
Rowan	***	***	***	***	0	\$0	0	\$0
Sampson	0	\$0	0	\$0	0	\$0	0	\$0
Scotland	0	\$0	0	\$0	0	\$0	0	\$0
Tyrrell	7,164,766	\$4,077,349	4,496,071	\$3,399,263	4,402,877	\$2,515,137	2,887,573	\$1,472,192
Union	0	\$0	0	\$0	0	\$0	0	\$0
Unknown	0	\$0	0	\$0	0	\$0	0	\$0
Wake	***	***	***	***	***	***	0	\$0
Washington	727,822	\$517,718	***	***	47,564	\$57,993	***	***
Wayne	***	***	***	***	0	\$0	0	\$0
***Confidential*	288,942	\$171,441	192,911	\$146,580	63,062	\$81,080	472,887	\$183,755

Table 31. Commercial seafood landings by county of landing from 1962 to 2004 (*) indicates confidential data) (continued).**

County	1992		1991		1990		1989	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	2,108,611	\$1,170,303	4,377,009	\$1,989,928	5,556,306	\$2,493,771	2,632,337	\$1,675,668
Bertie	***	***	153,827	\$16,774	166,260	\$33,104	249,986	\$47,008
Bladen	***	***	***	***	***	***	***	***
Brunswick	2,295,970	\$3,505,909	2,653,153	\$3,802,878	2,994,535	\$4,594,695	2,407,619	\$3,914,181
Camden	***	***	***	***	665,256	\$140,918	1,703,198	\$391,001
Carteret	78,968,484	\$16,506,222	136,587,982	\$22,665,854	101,254,152	\$22,683,982	93,410,724	\$25,431,593
Chowan	3,858,334	\$779,232	3,498,293	\$539,760	2,396,190	\$491,418	3,012,743	\$686,692
Columbus	***	***	0	\$0	0	\$0	0	\$0
Craven	597,943	\$293,949	864,408	\$325,093	***	***	***	***
Currituck	1,995,809	\$553,806	2,190,552	\$850,324	1,731,874	\$618,699	2,447,521	\$722,743
Dare	29,904,877	\$13,008,123	22,850,723	\$11,160,676	22,913,372	\$14,038,249	24,739,171	\$15,597,018
Davidson	0	\$0	0	\$0	0	\$0	0	\$0
Davie	0	\$0	0	\$0	0	\$0	0	\$0
Duplin	0	\$0	0	\$0	0	\$0	0	\$0
Edgecombe	0	\$0	0	\$0	0	\$0	0	\$0
Forsyth	0	\$0	0	\$0	0	\$0	0	\$0
Franklin	0	\$0	0	\$0	0	\$0	0	\$0
Greene	0	\$0	0	\$0	0	\$0	0	\$0
Halifax	0	\$0	0	\$0	0	\$0	0	\$0
Hertford	154,549	\$15,458	***	***	***	***	***	***
Hyde	11,970,320	\$6,089,075	15,183,668	\$7,753,016	15,028,053	\$7,239,892	13,925,983	\$6,819,235
Johnston	0	\$0	0	\$0	0	\$0	0	\$0
Jones	0	\$0	0	\$0	0	\$0	0	\$0
Lee	0	\$0	0	\$0	0	\$0	0	\$0
Lenoir	0	\$0	0	\$0	0	\$0	0	\$0
Lincoln	0	\$0	0	\$0	0	\$0	0	\$0
Martin	0	\$0	0	\$0	0	\$0	0	\$0
Mecklenburg	0	\$0	0	\$0	0	\$0	0	\$0
New Hanover	1,751,694	\$2,520,307	2,026,266	\$2,552,618	2,405,520	\$3,283,629	2,058,831	\$2,918,980
Onslow	2,722,744	\$2,809,277	4,067,256	\$4,217,004	4,166,198	\$4,605,631	3,431,810	\$4,085,663
Orange	0	\$0	0	\$0	0	\$0	0	\$0
Pamlico	7,081,927	\$5,946,775	10,119,620	\$7,660,184	10,342,871	\$7,774,458	9,457,998	\$8,312,504
Pasquotank	6,967,831	\$2,688,331	3,868,682	\$1,202,734	2,973,731	\$969,460	3,170,757	\$1,375,860
Pender	1,006,837	\$1,176,446	1,277,035	\$1,423,856	1,142,231	\$1,295,114	831,723	\$1,078,680
Perquimans	0	\$0	***	***	***	***	***	***
Pitt	0	\$0	0	\$0	0	\$0	0	\$0
Robeson	0	\$0	0	\$0	0	\$0	0	\$0
Rockingham	0	\$0	0	\$0	0	\$0	0	\$0
Rowan	0	\$0	0	\$0	0	\$0	0	\$0
Sampson	0	\$0	0	\$0	0	\$0	0	\$0
Scotland	0	\$0	0	\$0	0	\$0	0	\$0
Tyrrell	2,064,389	\$759,571	***	***	639,345	\$253,359	1,185,008	\$730,988
Union	0	\$0	0	\$0	0	\$0	0	\$0
Unknown	0	\$0	0	\$0	0	\$0	0	\$0
Wake	0	\$0	0	\$0	0	\$0	0	\$0
Washington	***	***	165,843	\$12,203	233,948	\$42,081	251,963	\$39,651
Wayne	0	\$0	0	\$0	0	\$0	0	\$0
***Confidential*	979,502	\$201,860	2,756,831	\$614,804	383,027	\$133,830	280,107	\$130,142

Table 31. Commercial seafood landings by county of landing from 1962 to 2004 (*) indicates confidential data) (continued).**

County	1988		1987		1986		1985	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	4,069,784	\$2,528,514	3,296,819	\$1,550,486	3,299,166	\$2,123,922	5,309,486	\$2,776,841
Bertie	465,794	\$68,891	***	***	1,079,174	\$158,461	***	***
Bladen	0	\$0	0	\$0	***	***	0	\$0
Brunswick	2,051,142	\$3,116,662	1,943,686	\$3,058,356	2,108,991	\$3,309,899	1,854,634	\$2,435,251
Camden	***	***	***	***	***	***	***	***
Carteret	109,943,042	\$26,105,193	85,811,501	\$22,790,252	98,899,661	\$24,478,964	133,175,357	\$22,707,433
Chowan	5,155,562	\$873,512	4,862,409	\$895,859	6,999,375	\$872,745	9,622,835	\$991,933
Columbus	0	\$0	***	***	***	***	0	\$0
Craven	***	***	457,640	\$163,260	688,710	\$218,442	857,433	\$342,586
Currituck	1,723,722	\$531,990	2,024,397	\$489,706	1,742,901	\$390,934	899,559	\$190,117
Dare	30,682,803	\$16,698,565	28,781,569	\$15,892,184	27,208,180	\$12,331,686	27,389,079	\$13,308,344
Davidson	0	\$0	0	\$0	0	\$0	0	\$0
Davie	0	\$0	0	\$0	0	\$0	0	\$0
Duplin	0	\$0	0	\$0	0	\$0	0	\$0
Edgecombe	0	\$0	0	\$0	0	\$0	0	\$0
Forsyth	0	\$0	0	\$0	0	\$0	0	\$0
Franklin	0	\$0	0	\$0	0	\$0	0	\$0
Greene	0	\$0	0	\$0	0	\$0	0	\$0
Halifax	0	\$0	***	***	0	\$0	0	\$0
Hertford	***	***	***	***	759,300	\$66,118	1,211,850	\$75,179
Hyde	13,395,274	\$7,698,443	8,922,881	\$4,829,627	5,238,109	\$3,734,769	7,479,009	\$4,470,615
Johnston	0	\$0	0	\$0	0	\$0	0	\$0
Jones	0	\$0	0	\$0	0	\$0	0	\$0
Lee	0	\$0	0	\$0	0	\$0	0	\$0
Lenoir	0	\$0	0	\$0	0	\$0	0	\$0
Lincoln	0	\$0	0	\$0	0	\$0	0	\$0
Martin	0	\$0	0	\$0	54,000	\$9,150	105,834	\$16,968
Mecklenburg	0	\$0	0	\$0	0	\$0	0	\$0
New Hanover	1,277,604	\$1,963,640	1,476,499	\$2,828,109	1,556,849	\$2,057,497	1,039,237	\$1,173,873
Onslow	2,894,257	\$3,757,805	2,129,130	\$2,379,833	2,481,480	\$2,539,348	3,039,006	\$2,905,366
Orange	0	\$0	0	\$0	0	\$0	0	\$0
Pamlico	14,510,649	\$11,504,691	11,089,384	\$8,334,103	10,734,563	\$8,858,206	15,301,487	\$11,082,686
Pasquotank	2,468,098	\$803,244	2,397,102	\$719,737	2,788,966	\$619,169	2,264,278	\$507,090
Pender	932,465	\$1,096,553	673,873	\$733,242	837,800	\$764,814	838,861	\$843,139
Perquimans	***	***	***	***	***	***	465,506	\$91,857
Pitt	0	\$0	0	\$0	0	\$0	0	\$0
Robeson	0	\$0	0	\$0	0	\$0	0	\$0
Rockingham	0	\$0	0	\$0	0	\$0	0	\$0
Rowan	0	\$0	0	\$0	0	\$0	0	\$0
Sampson	0	\$0	0	\$0	0	\$0	0	\$0
Scotland	0	\$0	0	\$0	0	\$0	0	\$0
Tyrrell	1,459,083	\$552,078	2,724,132	\$930,477	1,858,472	\$554,089	1,731,373	\$442,711
Union	0	\$0	0	\$0	0	\$0	0	\$0
Unknown	0	\$0	0	\$0	0	\$0	0	\$0
Wake	0	\$0	0	\$0	0	\$0	0	\$0
Washington	***	***	***	***	518,625	\$121,883	672,964	\$62,236
Wayne	0	\$0	0	\$0	0	\$0	0	\$0
***Confidential*	1,663,897	\$456,973	732,897	\$112,055	27,303	\$20,753	1,616,300	\$168,641

Table 31. Commercial seafood landings by county of landing from 1962 to 2004 (*) indicates confidential data) (continued).**

County	1984		1983		1982		1981	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	6,260,734	\$2,109,096	4,729,171	\$1,944,485	5,552,376	\$2,446,716	6,895,157	\$2,006,372
Bertie	1,002,168	\$108,705	1,085,024	\$115,925	1,328,498	\$128,274	1,239,711	\$118,586
Bladen	6,908	\$3,882	***	***	0	\$0	0	\$0
Brunswick	12,405,410	\$4,248,812	46,484,504	\$5,647,185	105,751,534	\$6,791,497	164,743,964	\$8,970,536
Camden	0	\$0	***	***	***	***	0	\$0
Carteret	185,268,781	\$21,299,023	167,199,484	\$21,620,473	116,427,330	\$20,028,014	177,208,124	\$17,406,837
Chowan	5,280,668	\$666,081	4,911,080	\$519,941	7,089,979	\$727,144	3,875,757	\$540,154
Columbus	54,528	\$20,942	62,692	\$23,386	0	\$0	0	\$0
Craven	558,570	\$204,978	485,140	\$268,372	59,853	\$101,171	115,960	\$33,127
Currituck	665,361	\$178,999	1,493,431	\$371,745	2,319,182	\$487,810	1,178,710	\$253,846
Dare	28,054,470	\$10,845,759	27,018,184	\$9,387,301	32,476,683	\$12,998,991	39,421,902	\$12,892,976
Davidson	0	\$0	0	\$0	0	\$0	0	\$0
Davie	0	\$0	0	\$0	0	\$0	0	\$0
Duplin	0	\$0	0	\$0	0	\$0	0	\$0
Edgecombe	0	\$0	0	\$0	0	\$0	0	\$0
Forsyth	0	\$0	0	\$0	0	\$0	0	\$0
Franklin	0	\$0	0	\$0	0	\$0	0	\$0
Greene	0	\$0	0	\$0	0	\$0	0	\$0
Halifax	0	\$0	***	***	0	\$0	0	\$0
Hertford	***	***	256,147	\$25,484	1,423,916	\$98,890	730,038	\$46,491
Hyde	10,121,620	\$3,286,808	9,190,366	\$3,632,096	9,537,139	\$3,457,336	10,251,802	\$2,956,529
Johnston	0	\$0	0	\$0	0	\$0	0	\$0
Jones	0	\$0	0	\$0	0	\$0	0	\$0
Lee	0	\$0	0	\$0	0	\$0	0	\$0
Lenoir	0	\$0	0	\$0	0	\$0	0	\$0
Lincoln	0	\$0	0	\$0	0	\$0	0	\$0
Martin	128,041	\$22,279	73,140	\$14,058	98,207	\$16,472	131,124	\$22,375
Mecklenburg	0	\$0	0	\$0	0	\$0	0	\$0
New Hanover	1,601,163	\$1,869,010	1,551,832	\$1,610,953	2,223,125	\$2,460,660	2,416,735	\$2,168,425
Onslow	2,829,568	\$3,217,880	2,995,544	\$3,005,742	4,078,931	\$4,346,447	2,377,552	\$1,993,147
Orange	0	\$0	0	\$0	0	\$0	0	\$0
Pamlico	17,564,259	\$7,112,074	14,022,233	\$7,134,653	14,020,197	\$7,687,936	17,329,190	\$6,710,365
Pasquotank	900,456	\$253,382	2,735,308	\$657,014	***	***	***	***
Pender	936,242	\$1,073,338	729,642	\$808,587	1,055,175	\$1,087,334	684,544	\$622,902
Perquimans	***	***	***	***	241,808	\$33,653	***	***
Pitt	0	\$0	0	\$0	0	\$0	0	\$0
Robeson	0	\$0	0	\$0	0	\$0	0	\$0
Rockingham	0	\$0	0	\$0	0	\$0	0	\$0
Rowan	0	\$0	0	\$0	0	\$0	0	\$0
Sampson	0	\$0	0	\$0	0	\$0	0	\$0
Scotland	0	\$0	0	\$0	0	\$0	0	\$0
Tyrrell	1,503,822	\$455,028	1,637,102	\$455,471	1,535,758	\$361,359	1,466,183	\$327,955
Union	0	\$0	0	\$0	0	\$0	0	\$0
Unknown	0	\$0	0	\$0	0	\$0	0	\$0
Wake	0	\$0	0	\$0	0	\$0	0	\$0
Washington	1,480,419	\$191,421	827,738	\$95,659	1,138,728	\$150,258	824,698	\$134,625
Wayne	0	\$0	0	\$0	0	\$0	0	\$0
***Confidential*	545,803	\$95,571	245,068	\$86,455	1,609,504	\$413,890	1,114,732	\$314,762

Table 31. Commercial seafood landings by county of landing from 1962 to 2004 (*) indicates confidential data) (continued).**

County	1980		1979		1978		1977	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	6,867,847	\$2,732,881	7,147,150	\$1,941,975	4,736,063	\$1,525,129	5,864,808	\$1,983,389
Bertie	1,507,313	\$120,242	1,752,034	\$174,717	2,234,582	\$133,638	1,604,374	\$81,238
Bladen	0	\$0	0	\$0	0	\$0	0	\$0
Brunswick	72,507,742	\$6,515,337	85,555,801	\$5,746,083	94,461,695	\$5,762,468	67,319,250	\$2,332,580
Camden	0	\$0	0	\$0	0	\$0	0	\$0
Carteret	181,156,111	\$23,307,684	218,540,649	\$21,396,881	139,365,478	\$14,527,552	121,281,802	\$10,367,106
Chowan	5,837,756	\$527,714	4,659,482	\$467,946	5,427,526	\$498,335	8,256,173	\$684,251
Columbus	0	\$0	0	\$0	0	\$0	0	\$0
Craven	206,261	\$43,747	160,471	\$35,463	42,300	\$8,638	7,903	\$1,263
Currituck	486,548	\$125,989	920,208	\$212,209	1,006,234	\$267,836	637,407	\$126,901
Dare	41,585,041	\$13,731,161	34,562,545	\$12,987,797	22,562,451	\$9,083,654	18,412,125	\$5,035,096
Davidson	0	\$0	0	\$0	0	\$0	0	\$0
Davie	0	\$0	0	\$0	0	\$0	0	\$0
Duplin	0	\$0	0	\$0	0	\$0	0	\$0
Edgecombe	0	\$0	0	\$0	0	\$0	0	\$0
Forsyth	0	\$0	0	\$0	0	\$0	0	\$0
Franklin	0	\$0	0	\$0	0	\$0	0	\$0
Greene	0	\$0	0	\$0	0	\$0	0	\$0
Halifax	0	\$0	0	\$0	0	\$0	0	\$0
Hertford	1,043,865	\$73,353	0	\$0	0	\$0	0	\$0
Hyde	13,055,684	\$4,181,970	8,014,483	\$2,040,360	8,327,769	\$1,885,751	4,993,276	\$1,604,012
Johnston	0	\$0	0	\$0	0	\$0	0	\$0
Jones	0	\$0	0	\$0	0	\$0	0	\$0
Lee	0	\$0	0	\$0	0	\$0	0	\$0
Lenoir	0	\$0	0	\$0	0	\$0	0	\$0
Lincoln	0	\$0	0	\$0	0	\$0	0	\$0
Martin	178,517	\$37,576	301,785	\$40,809	151,050	\$6,091	169,677	\$20,018
Mecklenburg	0	\$0	0	\$0	0	\$0	0	\$0
New Hanover	3,140,795	\$2,770,507	3,000,611	\$2,535,326	1,039,871	\$782,429	776,972	\$304,723
Onslow	4,092,464	\$3,385,907	3,472,332	\$3,066,936	1,623,357	\$899,741	1,431,849	\$846,685
Orange	0	\$0	0	\$0	0	\$0	0	\$0
Pamlico	21,380,720	\$9,736,730	19,525,274	\$6,573,003	15,412,700	\$4,317,501	12,024,886	\$4,484,026
Pasquotank	344,835	\$186,528	349,483	\$162,067	591,469	\$206,447	256,462	\$91,936
Pender	1,144,164	\$961,309	793,467	\$720,476	296,214	\$136,792	227,005	\$60,158
Perquimans	149,366	\$16,422	86,050	\$6,550	0	\$0	0	\$0
Pitt	0	\$0	0	\$0	0	\$0	0	\$0
Robeson	0	\$0	0	\$0	0	\$0	0	\$0
Rockingham	0	\$0	0	\$0	0	\$0	0	\$0
Rowan	0	\$0	0	\$0	0	\$0	0	\$0
Sampson	0	\$0	0	\$0	0	\$0	0	\$0
Scotland	0	\$0	0	\$0	0	\$0	0	\$0
Tyrrell	976,122	\$228,303	1,250,187	\$276,583	1,729,385	\$440,298	1,001,559	\$240,111
Union	0	\$0	0	\$0	0	\$0	0	\$0
Unknown	0	\$0	0	\$0	0	\$0	0	\$0
Wake	0	\$0	0	\$0	0	\$0	0	\$0
Washington	531,655	\$100,150	380,072	\$68,884	533,203	\$126,565	485,057	\$110,942
Wayne	0	\$0	0	\$0	0	\$0	0	\$0
***Confidential*	0	\$0	0	\$0	0	\$0	0	\$0

Table 31. Commercial seafood landings by county of landing from 1962 to 2004 (*) indicates confidential data) (continued).**

County	1976		1975		1974		1973	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	5,964,262	\$2,202,949	3,802,110	\$916,736	3,437,377	\$733,580	2,971,873	\$773,498
Bertie	2,214,413	\$118,241	1,540,042	\$64,246	902,347	\$41,339	1,998,488	\$67,107
Bladen	0	\$0	0	\$0	0	\$0	0	\$0
Brunswick	74,949,763	\$3,415,740	86,944,826	\$2,764,349	44,906,656	\$1,884,041	40,568,944	\$2,566,849
Camden	0	\$0	0	\$0	0	\$0	0	\$0
Carteret	93,212,768	\$9,329,389	100,941,760	\$7,062,131	110,276,372	\$7,536,820	54,932,175	\$6,528,120
Chowan	5,377,678	\$475,161	5,475,228	\$412,675	6,985,110	\$491,881	7,555,810	\$473,071
Columbus	0	\$0	0	\$0	0	\$0	0	\$0
Craven	25,979	\$6,278	14,070	\$3,619	27,100	\$4,805	28,126	\$4,943
Currituck	530,085	\$119,870	262,416	\$105,497	430,458	\$103,398	87,562	\$15,677
Dare	20,122,591	\$5,017,852	15,951,759	\$3,285,932	13,905,356	\$2,480,926	11,699,304	\$2,175,304
Davidson	0	\$0	0	\$0	0	\$0	0	\$0
Davie	0	\$0	0	\$0	0	\$0	0	\$0
Duplin	0	\$0	0	\$0	0	\$0	0	\$0
Edgecombe	0	\$0	0	\$0	0	\$0	0	\$0
Forsyth	0	\$0	0	\$0	0	\$0	0	\$0
Franklin	0	\$0	0	\$0	0	\$0	0	\$0
Greene	0	\$0	0	\$0	0	\$0	0	\$0
Halifax	0	\$0	0	\$0	0	\$0	0	\$0
Hertford	0	\$0	0	\$0	0	\$0	0	\$0
Hyde	2,875,720	\$938,959	3,203,818	\$769,914	3,663,667	\$924,528	2,224,540	\$615,937
Johnston	0	\$0	0	\$0	0	\$0	0	\$0
Jones	0	\$0	0	\$0	0	\$0	0	\$0
Lee	0	\$0	0	\$0	0	\$0	0	\$0
Lenoir	0	\$0	0	\$0	0	\$0	0	\$0
Lincoln	0	\$0	0	\$0	0	\$0	0	\$0
Martin	124,692	\$20,887	227,034	\$21,017	142,277	\$12,552	85,240	\$3,274
Mecklenburg	0	\$0	0	\$0	0	\$0	0	\$0
New Hanover	671,916	\$316,605	749,810	\$322,226	882,617	\$323,435	558,105	\$251,136
Onslow	1,676,625	\$976,509	1,752,615	\$842,229	1,548,851	\$660,758	1,536,401	\$701,340
Orange	0	\$0	0	\$0	0	\$0	0	\$0
Pamlico	10,830,259	\$3,954,003	9,164,029	\$2,536,257	7,281,038	\$1,864,885	4,439,458	\$1,533,697
Pasquotank	453,397	\$127,018	196,068	\$54,725	298,423	\$56,017	186,485	\$28,883
Pender	101,088	\$65,738	107,758	\$60,213	214,553	\$46,727	180,193	\$36,588
Perquimans	0	\$0	0	\$0	0	\$0	0	\$0
Pitt	0	\$0	0	\$0	0	\$0	0	\$0
Robeson	0	\$0	0	\$0	0	\$0	0	\$0
Rockingham	0	\$0	0	\$0	0	\$0	0	\$0
Rowan	0	\$0	0	\$0	0	\$0	0	\$0
Sampson	0	\$0	0	\$0	0	\$0	0	\$0
Scotland	0	\$0	0	\$0	0	\$0	0	\$0
Tyrrell	748,719	\$200,422	765,776	\$143,105	778,441	\$92,719	1,130,395	\$146,384
Union	0	\$0	0	\$0	0	\$0	0	\$0
Unknown	0	\$0	0	\$0	0	\$0	0	\$0
Wake	0	\$0	0	\$0	0	\$0	0	\$0
Washington	597,280	\$123,663	604,372	\$87,806	368,559	\$66,026	269,563	\$32,824
Wayne	0	\$0	0	\$0	0	\$0	0	\$0
***Confidential*	0	\$0	0	\$0	0	\$0	0	\$0

Table 31. Commercial seafood landings by county of landing from 1962 to 2004 (*) indicates confidential data) (continued).**

County	1972		1971		1970		1969	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	2,790,289	\$589,440	4,219,500	\$612,744	0	\$0	0	\$0
Bertie	3,011,901	\$59,270	2,889,300	\$54,297	0	\$0	0	\$0
Bladen	0	\$0	0	\$0	0	\$0	0	\$0
Brunswick	60,075,470	\$1,602,702	48,059,000	\$1,397,172	0	\$0	0	\$0
Camden	0	\$0	0	\$0	0	\$0	0	\$0
Carteret	72,359,105	\$4,958,032	53,979,300	\$3,945,222	1,925,735	\$9,631	0	\$0
Chowan	9,821,572	\$411,212	10,321,600	\$381,084	0	\$0	0	\$0
Columbus	0	\$0	0	\$0	0	\$0	0	\$0
Craven	15,995	\$2,990	37,000	\$5,125	0	\$0	0	\$0
Currituck	204,695	\$27,460	238,300	\$20,455	0	\$0	0	\$0
Dare	9,565,406	\$1,505,273	9,066,800	\$1,489,186	0	\$0	0	\$0
Davidson	0	\$0	0	\$0	0	\$0	0	\$0
Davie	0	\$0	0	\$0	0	\$0	0	\$0
Duplin	0	\$0	0	\$0	0	\$0	0	\$0
Edgecombe	0	\$0	0	\$0	0	\$0	0	\$0
Forsyth	0	\$0	0	\$0	0	\$0	0	\$0
Franklin	0	\$0	0	\$0	0	\$0	0	\$0
Greene	0	\$0	0	\$0	0	\$0	0	\$0
Halifax	0	\$0	0	\$0	0	\$0	0	\$0
Hertford	0	\$0	0	\$0	0	\$0	0	\$0
Hyde	2,448,435	\$531,414	2,944,100	\$913,614	0	\$0	0	\$0
Johnston	0	\$0	0	\$0	0	\$0	0	\$0
Jones	0	\$0	0	\$0	0	\$0	0	\$0
Lee	0	\$0	0	\$0	0	\$0	0	\$0
Lenoir	0	\$0	0	\$0	0	\$0	0	\$0
Lincoln	0	\$0	0	\$0	0	\$0	0	\$0
Martin	92,366	\$2,721	674,700	\$10,582	0	\$0	0	\$0
Mecklenburg	0	\$0	0	\$0	0	\$0	0	\$0
New Hanover	582,616	\$216,322	582,800	\$209,442	0	\$0	0	\$0
Onslow	1,487,021	\$522,516	1,117,400	\$419,359	0	\$0	0	\$0
Orange	0	\$0	0	\$0	0	\$0	0	\$0
Pamlico	3,750,526	\$1,145,027	4,999,700	\$1,510,326	0	\$0	0	\$0
Pasquotank	175,220	\$23,695	168,700	\$22,566	0	\$0	0	\$0
Pender	181,998	\$31,199	138,500	\$35,482	0	\$0	0	\$0
Perquimans	0	\$0	0	\$0	0	\$0	0	\$0
Pitt	0	\$0	0	\$0	0	\$0	0	\$0
Robeson	0	\$0	0	\$0	0	\$0	0	\$0
Rockingham	0	\$0	0	\$0	0	\$0	0	\$0
Rowan	0	\$0	0	\$0	0	\$0	0	\$0
Sampson	0	\$0	0	\$0	0	\$0	0	\$0
Scotland	0	\$0	0	\$0	0	\$0	0	\$0
Tyrrell	1,068,159	\$131,449	1,656,000	\$146,645	0	\$0	0	\$0
Union	0	\$0	0	\$0	0	\$0	0	\$0
Unknown	0	\$0	2,086,300	\$10,532	171,715,800	\$9,356,214	126,925,980	\$12,525,421
Wake	0	\$0	0	\$0	0	\$0	0	\$0
Washington	270,786	\$38,117	295,800	\$43,429	0	\$0	0	\$0
Wayne	0	\$0	0	\$0	0	\$0	0	\$0
***Confidential*	0	\$0	0	\$0	0	\$0	0	\$0

Table 31. Commercial seafood landings by county of landing from 1962 to 2004 (*) indicates confidential data) (continued).**

County	1968		1967		1966		1965	
	Pounds	Value	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	3,937,300	\$556,967	0	\$0	3,855,800	\$455,482	5,577,600	\$492,164
Bertie	5,132,900	\$81,920	0	\$0	4,395,100	\$55,250	4,514,100	\$53,479
Bladen	0	\$0	0	\$0	0	\$0	0	\$0
Brunswick	37,122,400	\$787,366	0	\$0	12,053,800	\$719,352	35,000,000	\$981,200
Camden	0	\$0	0	\$0	0	\$0	85,700	\$12,142
Carteret	151,741,700	\$4,242,415	5,497,600	\$27,498	49,202,410	\$4,915,113	50,033,190	\$4,147,297
Chowan	10,650,600	\$354,571	0	\$0	9,671,200	\$312,630	8,965,800	\$192,640
Columbus	0	\$0	0	\$0	0	\$0	0	\$0
Craven	50,900	\$5,311	0	\$0	69,800	\$10,847	177,000	\$30,411
Currituck	370,600	\$32,533	0	\$0	143,700	\$12,825	259,700	\$23,312
Dare	10,548,900	\$1,340,447	0	\$0	11,401,400	\$989,628	12,559,500	\$1,372,421
Davidson	0	\$0	0	\$0	0	\$0	0	\$0
Davie	1,100	\$164	0	\$0	0	\$0	0	\$0
Duplin	0	\$0	0	\$0	0	\$0	0	\$0
Edgecombe	0	\$0	0	\$0	0	\$0	0	\$0
Forsyth	11,700	\$1,292	0	\$0	0	\$0	0	\$0
Franklin	0	\$0	0	\$0	0	\$0	0	\$0
Greene	0	\$0	0	\$0	0	\$0	0	\$0
Halifax	0	\$0	0	\$0	0	\$0	0	\$0
Hertford	0	\$0	0	\$0	0	\$0	0	\$0
Hyde	3,311,600	\$574,707	0	\$0	3,384,800	\$305,954	1,883,100	\$269,428
Johnston	0	\$0	0	\$0	0	\$0	0	\$0
Jones	0	\$0	0	\$0	0	\$0	0	\$0
Lee	0	\$0	0	\$0	0	\$0	0	\$0
Lenoir	0	\$0	0	\$0	0	\$0	0	\$0
Lincoln	0	\$0	0	\$0	0	\$0	0	\$0
Martin	800,800	\$12,014	0	\$0	0	\$0	0	\$0
Mecklenburg	0	\$0	0	\$0	0	\$0	0	\$0
New Hanover	324,400	\$81,597	0	\$0	508,600	\$105,609	708,400	\$116,657
Onslow	1,024,400	\$292,886	0	\$0	1,493,300	\$290,140	1,240,300	\$254,923
Orange	0	\$0	0	\$0	0	\$0	0	\$0
Pamlico	4,456,500	\$973,529	0	\$0	7,520,400	\$1,205,698	8,151,500	\$1,137,012
Pasquotank	302,500	\$39,915	0	\$0	184,500	\$26,840	271,500	\$35,986
Pender	172,600	\$33,797	0	\$0	286,900	\$39,607	235,900	\$29,093
Perquimans	0	\$0	0	\$0	0	\$0	602,000	\$26,476
Pitt	0	\$0	0	\$0	0	\$0	0	\$0
Robeson	0	\$0	0	\$0	0	\$0	0	\$0
Rockingham	0	\$0	0	\$0	0	\$0	0	\$0
Rowan	0	\$0	0	\$0	0	\$0	0	\$0
Sampson	0	\$0	0	\$0	0	\$0	0	\$0
Scotland	0	\$0	0	\$0	0	\$0	0	\$0
Tyrrell	1,340,000	\$130,907	0	\$0	675,100	\$80,263	319,600	\$38,174
Union	0	\$0	0	\$0	0	\$0	0	\$0
Unknown	1,500	\$44	115,245,370	\$8,300,309	0	\$0	0	\$0
Wake	0	\$0	0	\$0	0	\$0	0	\$0
Washington	876,500	\$162,159	0	\$0	330,500	\$45,703	318,600	\$28,539
Wayne	0	\$0	0	\$0	0	\$0	0	\$0
***Confidential*	0	\$0	0	\$0	0	\$0	0	\$0

Table 31. Commercial seafood landings by county of landing from 1962 to 2004 (*) indicates confidential data) (continued).**

County	1964		1963		1962	
	Pounds	Value	Pounds	Value	Pounds	Value
Beaufort	4,415,700	\$407,615	3,892,800	\$302,119	3,186,800	\$352,262
Bertie	1,447,100	\$24,012	6,883,700	\$79,005	6,688,500	\$76,946
Bladen	0	\$0	0	\$0	0	\$0
Brunswick	54,061,500	\$961,934	30,010,900	\$614,063	33,589,100	\$760,474
Camden	131,900	\$17,118	105,500	\$11,364	84,700	\$11,412
Carteret	146,011,600	\$3,599,904	72,893,470	\$3,561,594	110,299,600	\$2,779,185
Chowan	5,670,200	\$141,451	7,863,900	\$142,160	7,186,200	\$116,349
Columbus	0	\$0	0	\$0	0	\$0
Craven	119,400	\$15,529	100,700	\$12,055	145,200	\$20,613
Currituck	302,700	\$27,408	421,200	\$30,396	310,500	\$28,277
Dare	12,695,600	\$1,103,777	9,305,800	\$766,986	8,203,000	\$708,847
Davidson	0	\$0	0	\$0	0	\$0
Davie	0	\$0	0	\$0	0	\$0
Duplin	0	\$0	0	\$0	0	\$0
Edgecombe	0	\$0	0	\$0	0	\$0
Forsyth	0	\$0	0	\$0	0	\$0
Franklin	0	\$0	0	\$0	0	\$0
Greene	0	\$0	0	\$0	0	\$0
Halifax	0	\$0	0	\$0	0	\$0
Hertford	14,400	\$788	13,000	\$535	6,700	\$332
Hyde	1,653,500	\$256,739	1,443,800	\$208,289	1,135,000	\$370,361
Johnston	0	\$0	0	\$0	0	\$0
Jones	0	\$0	0	\$0	0	\$0
Lee	0	\$0	0	\$0	0	\$0
Lenoir	0	\$0	0	\$0	0	\$0
Lincoln	0	\$0	0	\$0	0	\$0
Martin	630,500	\$8,438	304,000	\$3,725	100,900	\$1,071
Mecklenburg	0	\$0	0	\$0	0	\$0
New Hanover	836,000	\$138,609	569,400	\$77,396	726,200	\$106,446
Onslow	1,114,700	\$217,248	969,700	\$176,862	1,041,200	\$193,293
Orange	0	\$0	0	\$0	0	\$0
Pamlico	7,866,500	\$955,384	8,573,500	\$894,979	7,767,900	\$1,046,309
Pasquotank	304,600	\$41,247	239,500	\$28,053	205,000	\$27,877
Pender	76,700	\$18,681	119,800	\$32,092	105,900	\$48,540
Perquimans	408,900	\$20,036	425,000	\$17,200	261,100	\$14,672
Pitt	0	\$0	0	\$0	0	\$0
Robeson	0	\$0	0	\$0	0	\$0
Rockingham	0	\$0	0	\$0	0	\$0
Rowan	0	\$0	0	\$0	0	\$0
Sampson	0	\$0	0	\$0	0	\$0
Scotland	0	\$0	0	\$0	0	\$0
Tyrrell	283,300	\$36,560	612,200	\$63,023	657,600	\$65,971
Union	0	\$0	0	\$0	0	\$0
Unknown	0	\$0	0	\$0	0	\$0
Wake	0	\$0	0	\$0	0	\$0
Washington	534,400	\$30,574	404,900	\$25,004	683,100	\$26,090
Wayne	0	\$0	0	\$0	0	\$0
***Confidential*	0	\$0	0	\$0	0	\$0

Table 32. Average commercial landings (pounds) of select species of finfish and shellfish by waterbody from 1994 to 2004.

Water Body	Amberjack	Blue Crabs, Hard	Blue Crabs, Peeler	Blue Crabs, Soft
Albemarle Sound	21	12,484,196	195,848	227,361
Alligator River	0	1,433,971	27,442	1,600
Back Bay (VA)	0	6,273	33	3
Bay River	0	1,759,317	14,668	280
Bogue Sound	27	193,917	2,973	312
Cape Fear River	18	575,098	16,979	1,812
Chowan River	0	17,570	163	4
Core Sound	158	1,358,835	33,344	1,814
Croatan Sound	0	1,475,953	94,507	91,520
Currituck Sound	0	2,108,171	58,904	20,918
Inland Waterway	0	239,686	1,693	227
Inland Waterway - Brunswick	0	41,762	602	72
Inland Waterway - Onslow	0	74,538	444	19
Lockwood Folly	0	16,146	109	20
Masonboro Sound	0	127,551	960	241
Neuse River	0	3,007,684	31,319	11,704
New River	0	298,044	4,732	2,476
Newport River	0	301,999	18,942	1,385
North River/Back Sound	0	80,361	4,354	1,350
Ocean	134,145	7,335	59	37
Ocean 0-3 mi, N of Cape Hatteras	100	59	0	0
Ocean 0-3 mi, S of Cape Hatteras	147	1,415	0	0
Ocean > 3 mi, N of Cape Hatteras	1,016	90	0	0
Ocean > 3 mi, S of Cape Hatteras	101,492	0	0	1
Pamlico River	0	5,377,771	42,418	3,498
Pamlico Sound	59	12,645,242	264,002	53,791
Pasquotank River	0	64,344	4,049	285
Perquimans River	0	13,084	70	24
Pungo River	0	1,635,724	5,296	1,333
Roanoke River	0	277	276	0
Roanoke Sound	0	1,186,932	61,307	209,785
Shalotte River	0	23,251	431	57
Stump Sound	0	128,694	2,782	508
Topsail Sound	0	111,497	410	25
Unknown	0	451	255	0
White Oak River	0	122,391	12,745	337

NOTE: Previous editions of this document provided total pounds by waterbody over a 9 year period. This edition more properly presents average landings per year.

Table 32. Average commercial landings (pounds) of select species of finfish and shellfish by waterbody from 1994 to 2004 (continued).

Water Body	Bluefish	Catfishes	Clams, Hard	Croaker, Atlantic	Dolphinfish
Albemarle Sound	13,879	304,113	27	27,669	0
Alligator River	41	25,774	7	104	0
Back Bay (VA)	11	299	0	5	0
Bay River	654	232	21	685	0
Bogue Sound	3,407	16	36,763	748	107
Cape Fear River	545	2,174	31,352	981	0
Chowan River	105	246,929	53	58	0
Core Sound	49,158	39	166,244	18,549	0
Croatan Sound	14,790	2,567	46	13,544	0
Currituck Sound	195	51,249	11	1,031	0
Inland Waterway	1,244	26	30,154	390	0
Inland Waterway - Brunswick	39	0	3,274	129	0
Inland Waterway - Onslow	140	28	24,969	41	0
Lockwood Folly	98	126	20,069	64	0
Masonboro Sound	518	19	23,671	701	0
Neuse River	4,910	4,657	92	3,933	0
New River	3,601	390	148,437	9,063	0
Newport River	397	12	64,632	434	0
North River/Back Sound	598	188	24,939	158	38
Ocean	2,781,939	46	50	9,050,204	199,109
Ocean 0-3 mi, N of Cape Hatteras	232,164	1	0	1,664,429	140
Ocean 0-3 mi, S of Cape Hatteras	225,517	2	0	384,571	648
Ocean > 3 mi, N of Cape Hatteras	2,218,377	0	0	9,372,739	64,217
Ocean > 3 mi, S of Cape Hatteras	93,984	0	0	635,945	138,540
Pamlico River	1,293	26,304	85	2,129	0
Pamlico Sound	278,146	4,196	15,070	142,324	0
Pasquotank River	288	14,362	8	522	0
Perquimans River	2	11,093	3	18	0
Pungo River	546	8,706	0	525	0
Roanoke River	20	30,305	0	12	0
Roanoke Sound	7,625	1,429	24	6,770	0
Shallotte River	66	0	37,720	130	0
Stump Sound	32	23	11,497	31	0
Topsail Sound	364	0	23,990	187	0
Unknown	0	165,464	0	0	0
White Oak River	267	133	26,909	119	96

Table 32. Average commercial landings (pounds) of select species of finfish and shellfish by waterbody from 1994 to 2004 (continued).

Water Body	Drum, Red	Eel, American	Finfish, Other	Flounder, Southern
Albemarle Sound	11,106	56,401	93,197	857,200
Alligator River	373	3,508	1,502	7,989
Back Bay (VA)	4	0	536	3
Bay River	1,264	1,105	9,039	16,619
Bogue Sound	2,586	95	8,959	22,769
Cape Fear River	2,855	728	4,302	25,665
Chowan River	17	538	26,035	4,177
Core Sound	11,445	103	110,789	304,029
Croatan Sound	7,649	1,455	29,301	146,555
Currituck Sound	3,067	19,607	29,232	151,047
Inland Waterway	1,027	1,057	8,319	17,621
Inland Waterway - Brunswick	47	0	1,648	2,683
Inland Waterway - Onslow	188	0	422	6,642
Lockwood Folly	315	0	452	931
Masonboro Sound	904	0	2,800	18,851
Neuse River	6,905	2,433	13,368	96,211
New River	1,903	1,900	8,970	126,911
Newport River	855	1,139	5,646	11,893
North River/Back Sound	320	0	3,921	6,454
Ocean	16,843	710	994,750	0
Ocean 0-3 mi, N of Cape Hatteras	596	0	16,052	0
Ocean 0-3 mi, S of Cape Hatteras	2,033	0	101,582	0
Ocean > 3 mi, N of Cape Hatteras	111	0	98,480	0
Ocean > 3 mi, S of Cape Hatteras	112	0	169,703	0
Pamlico River	2,925	10,094	8,085	141,522
Pamlico Sound	89,403	4,562	470,153	1,427,764
Pasquotank River	156	863	2,611	7,191
Perquimans River	138	725	330	1,526
Pungo River	1,575	2,159	1,612	24,072
Roanoke River	6	2,302	1,299	220
Roanoke Sound	7,927	1,745	6,755	57,970
Shallotte River	58	0	129	1,789
Stump Sound	372	108	443	7,811
Topsail Sound	975	156	2,363	12,686
Unknown	0	75,199	8,785	0
White Oak River	1,082	349	1,471	15,739

Table 32. Average commercial landings (pounds) of select species of finfish and shellfish by waterbody from 1994 to 2004 (continued).

Water Body	Flounder, Summer Goosefish Groupers			Herring, River Herring, Thread	
Albemarle Sound	0	41	1	91,824	228
Alligator River	0	0	0	11,845	35
Back Bay (VA)	0	0	0	0	0
Bay River	0	0	0	0	0
Bogue Sound	0	0	61	0	0
Cape Fear River	0	0	0	0	0
Chowan River	0	0	0	239,036	0
Core Sound	0	46	1	2	0
Croatan Sound	0	100	0	13,956	10
Currituck Sound	0	0	50	715	0
Inland Waterway	0	0	0	86	0
Inland Waterway - Brunswick	0	0	0	0	0
Inland Waterway - Onslow	0	0	0	0	0
Lockwood Folly	0	0	0	0	0
Masonboro Sound	0	0	0	0	0
Neuse River	0	4	0	475	0
New River	0	0	157	4	0
Newport River	0	0	0	0	0
North River/Back Sound	0	10	0	0	0
Ocean	2,878,840	543,175	706,030	10,710	5,783,913
Ocean 0-3 mi, N of Cape Hatteras	402,198	210,745	64	8	0
Ocean 0-3 mi, S of Cape Hatteras	16,176	24,685	1,165	6	1,444,857
Ocean > 3 mi, N of Cape Hatteras	3,755,280	96,835	9,328	30	0
Ocean > 3 mi, S of Cape Hatteras	8,243	667	635,312	0	0
Pamlico River	0	0	0	122	1
Pamlico Sound	0	678	120	4,868	0
Pasquotank River	0	0	0	242	0
Perquimans River	0	0	0	5,215	0
Pungo River	0	0	0	17	0
Roanoke River	0	0	0	1,447	0
Roanoke Sound	0	23	0	38	0
Shalotte River	0	0	0	0	0
Stump Sound	0	0	0	0	0
Topsail Sound	0	0	0	0	0
Unknown	0	0	0	0	0
White Oak River	0	0	0	0	0

Table 32. Average commercial landings (pounds) of select species of finfish and shellfish by waterbody from 1994 to 2004 (continued).

Water Body	Hog Snapper	Kingfishes	Mackerel, King
Albemarle Sound	0	503	11
Alligator River	0	4	0
Back Bay (VA)	0	0	0
Bay River	0	93	0
Bogue Sound	0	686	75
Cape Fear River	0	552	25
Chowan River	0	0	0
Core Sound	60	19,673	329
Croatan Sound	0	2,415	4
Currituck Sound	0	55	0
Inland Waterway	0	278	123
Inland Waterway - Brunswick	0	29	0
Inland Waterway - Onslow	0	7	0
Lockwood Folly	0	54	0
Masonboro Sound	0	213	6
Neuse River	2	1,081	58
New River	0	3,423	38
Newport River	0	207	0
North River/Back Sound	0	482	74
Ocean	15,100	533,515	1,039,065
Ocean 0-3 mi, N of Cape Hatteras	0	31,721	11,324
Ocean 0-3 mi, S of Cape Hatteras	8	436,099	88,550
Ocean > 3 mi, N of Cape Hatteras	0	8,112	52,613
Ocean > 3 mi, S of Cape Hatteras	9,880	38,347	679,124
Pamlico River	0	671	9
Pamlico Sound	0	74,613	1,441
Pasquotank River	0	0	0
Perquimans River	0	117	0
Pungo River	0	9	0
Roanoke River	0	0	0
Roanoke Sound	0	198	6
Shallotte River	0	19	17
Stump Sound	0	58	0
Topsail Sound	0	67	0
Unknown	0	0	0
White Oak River	0	59	55

Table 32. Average commercial landings (pounds) of select species of finfish and shellfish by waterbody from 1994 to 2004 (continued).

Water Body	Mackerel, Spanish	Menhaden, Atlantic	Mullet, Striped	Oysters
Albemarle Sound	1,014	72,577	247,969	0
Alligator River	250	389	8,242	0
Back Bay (VA)	0	0	62	0
Bay River	379	6,602	35,584	284
Bogue Sound	2,760	8,593	100,072	8,077
Cape Fear River	245	713	16,938	2,119
Chowan River	0	2,347	1,692	0
Core Sound	8,647	1,455,038	232,398	7,496
Croatan Sound	1,374	71,895	64,657	374
Currituck Sound	22	639	18,246	0
Inland Waterway	489	7,255	101,098	4,147
Inland Waterway - Brunswick	8	227	1,136	1,528
Inland Waterway - Onslow	10	613	26,084	294
Lockwood Folly	26	1	4,118	22,695
Masonboro Sound	240	50	16,183	21,774
Neuse River	11,909	51,504	264,164	1,313
New River	1,839	2,385	71,723	20,828
Newport River	286	2,687	23,880	14,288
North River/Back Sound	258	164	6,702	9,221
Ocean	350,032	59,761,558	241,644	73
Ocean 0-3 mi, N of Cape Hatteras	58,377	348,597	8,720	0
Ocean 0-3 mi, S of Cape Hatteras	317,474	53,677,290	229,771	0
Ocean > 3 mi, N of Cape Hatteras	9,643	439,803	110	0
Ocean > 3 mi, S of Cape Hatteras	13,341	196,606	5,378	0
Pamlico River	9,483	19,688	156,012	452
Pamlico Sound	129,485	407,245	367,489	29,242
Pasquotank River	12	227	8,710	0
Perquimans River	0	55	2,308	53
Pungo River	667	23,065	17,813	126
Roanoke River	0	300	147	0
Roanoke Sound	309	7,159	27,358	683
Shallotte River	23	0	2,144	25,917
Stump Sound	5	35	4,984	34,612
Topsail Sound	51	956	15,251	36,486
Unknown	0	0	0	34
White Oak River	36	2,825	15,853	1,599

Table 32. Average commercial landings (pounds) of select species of finfish and shellfish by waterbody from 1994 to 2004 (continued).

Water Body	Perch, White	Perch, Yellow	Porgies	Scallop, Bay
Albemarle Sound	148,938	36,830	2	0
Alligator River	13,826	5,159	0	0
Back Bay (VA)	944	3	0	0
Bay River	751	33	0	0
Bogue Sound	3	22	0	11,858
Cape Fear River	5	0	0	88
Chowan River	20,663	1,197	0	0
Core Sound	24	52	41	39,457
Croatan Sound	1,748	108	9	116
Currituck Sound	21,087	10,895	0	0
Inland Waterway	6	1	0	143
Inland Waterway - Brunswick	0	0	0	0
Inland Waterway - Onslow	0	0	0	256
Lockwood Folly	0	0	0	0
Masonboro Sound	0	0	0	0
Neuse River	1,671	575	1	126
New River	6	7	0	871
Newport River	101	0	0	355
North River/Back Sound	21	12	1	2,471
Ocean	32	21	157,753	0
Ocean 0-3 mi, N of Cape Hatteras	190	0	60	0
Ocean 0-3 mi, S of Cape Hatteras	6	0	37	0
Ocean > 3 mi, N of Cape Hatteras	0	0	2,601	0
Ocean > 3 mi, S of Cape Hatteras	0	0	44,705	0
Pamlico River	6,841	1,073	6	0
Pamlico Sound	7,936	256	1,165	21
Pasquotank River	2,679	848	0	0
Perquimans River	3,258	20,388	0	0
Pungo River	2,718	231	0	0
Roanoke River	652	47	0	0
Roanoke Sound	134	152	0	0
Shallotte River	0	0	0	0
Stump Sound	0	0	0	63
Topsail Sound	1	0	0	150
Unknown	0	0	0	0
White Oak River	34	2	0	347

Table 32. Average commercial landings (pounds) of select species of finfish and shellfish by waterbody from 1994 to 2004 (continued).

Water Body	Scup	Sea Basses	Sea trout, Spotted	Shad, American
Albemarle Sound	0	2	9,265	90,268
Alligator River	0	4	627	285
Back Bay (VA)	0	0	4	0
Bay River	0	0	19,228	769
Bogue Sound	0	6	6,485	602
Cape Fear River	0	3	1,429	17,069
Chowan River	0	0	6	8,690
Core Sound	0	52	32,962	752
Croatan Sound	0	148	3,088	19,424
Currituck Sound	0	5	565	112
Inland Waterway	0	5	1,692	59
Inland Waterway - Brunswick	0	0	91	0
Inland Waterway - Onslow	0	0	385	2
Lockwood Folly	0	0	296	62
Masonboro Sound	0	1	838	3
Neuse River	0	1	28,793	19,397
New River	0	43	5,958	161
Newport River	0	3	403	118
North River/Back Sound	0	0	147	18
Ocean	67,528	590,169	56,874	70,888
Ocean 0-3 mi, N of Cape Hatteras	860	22,830	3,111	676
Ocean 0-3 mi, S of Cape Hatteras	0	2,016	11,544	6,830
Ocean > 3 mi, N of Cape Hatteras	228,790	279,902	199	1,144
Ocean > 3 mi, S of Cape Hatteras	5	469,621	177	555
Pamlico River	0	0	17,968	10,514
Pamlico Sound	6	142	110,446	8,646
Pasquotank River	0	0	93	259
Perquimans River	0	0	15	1,776
Pungo River	0	0	5,223	1,473
Roanoke River	0	0	12	11
Roanoke Sound	0	11	3,867	1,096
Shalotte River	0	0	206	0
Stump Sound	0	0	67	0
Topsail Sound	0	2	806	0
Unknown	0	0	0	0
White Oak River	0	25	1,733	33

Table 32. Average commercial landings (pounds) of select species of finfish and shellfish by waterbody from 1994 to 2004 (continued).

Water Body	Shad, Gizzard	Shad, Hickory	Sharks	Sharks, Dogfishes
Albemarle Sound	97,945	20,344	186	5,492
Alligator River	5,229	657	0	0
Back Bay (VA)	117	0	8	0
Bay River	0	625	0	1
Bogue Sound	0	45	492	14
Cape Fear River	15	33	82	0
Chowan River	112,441	459	5	0
Core Sound	108	3,233	3,256	3,242
Croatan Sound	322	7,008	90	232
Currituck Sound	3,223	435	0	0
Inland Waterway	34	15	46	7
Inland Waterway - Brunswick	0	0	0	0
Inland Waterway - Onslow	0	0	0	0
Lockwood Folly	35	2	30	0
Masonboro Sound	0	0	128	0
Neuse River	52	18,084	1,566	5
New River	10	120	230	2
Newport River	0	0	143	0
North River/Back Sound	0	112	15	0
Ocean	33	21,793	1,622,654	6,851,173
Ocean 0-3 mi, N of Cape Hatteras	0	1,231	21,238	47,244
Ocean 0-3 mi, S of Cape Hatteras	0	2,377	68,811	314,374
Ocean > 3 mi, N of Cape Hatteras	0	299	489,716	119,956
Ocean > 3 mi, S of Cape Hatteras	0	238	772,257	135,673
Pamlico River	3,408	5,298	82	2
Pamlico Sound	1,443	35,931	2,823	23,691
Pasquotank River	1,578	101	0	0
Perquimans River	3,355	116	0	0
Pungo River	1,500	1,410	0	0
Roanoke River	17,466	526	0	0
Roanoke Sound	103	1,128	7	91
Shallotte River	0	0	0	0
Stump Sound	0	0	0	0
Topsail Sound	0	0	53	75
Unknown	0	0	0	0
White Oak River	15	31	43	1

Table 32. Average commercial landings (pounds) of select species of finfish and shellfish by waterbody from 1994 to 2004 (continued).

Water Body	Shellfish, Other Shrimp, Brown Shrimp, Pink Shrimp, Unclassified			
Albemarle Sound	2,680	12	0	61
Alligator River	351	980	0	0
Back Bay (VA)	0	0	0	0
Bay River	28	9,946	104	11,339
Bogue Sound	2,997	24,164	2,739	15,373
Cape Fear River	1,068	1,012	160	55,785
Chowan River	627	0	0	0
Core Sound	24,943	301,351	131,453	444,661
Croatan Sound	1,092	9,212	40	5,086
Currituck Sound	1,394	0	0	1
Inland Waterway	2,459	18,964	822	36,876
Inland Waterway - Brunswick	580	2,883	440	254
Inland Waterway - Onslow	1,502	16,207	606	232
Lockwood Folly	181	7	0	102
Masonboro Sound	508	1,925	236	2,765
Neuse River	176	94,238	6,978	85,769
New River	5,660	65,674	20,574	102,015
Newport River	620	59,558	1,386	84,813
North River/Back Sound	1,443	40,083	3,365	47,100
Ocean	443,655	532,292	11,982	1,276,670
Ocean 0-3 mi, N of Cape Hatteras	4,445	692	60	0
Ocean 0-3 mi, S of Cape Hatteras	8,577	850,346	51,011	996
Ocean > 3 mi, N of Cape Hatteras	1,372,825	2,895	0	18,140
Ocean > 3 mi, S of Cape Hatteras	26,470	101,024	6,604	5
Pamlico River	956	32,004	234	23,938
Pamlico Sound	30,493	2,837,765	70,687	1,615,984
Pasquotank River	33	0	0	427
Perquimans River	11	0	0	0
Pungo River	138	5,731	0	724
Roanoke River	1,105	0	0	0
Roanoke Sound	572	7,369	51	4,361
Shallotte River	207	891	44	1,127
Stump Sound	675	5,542	573	10,454
Topsail Sound	992	13,433	885	20,801
Unknown	0	0	0	0
White Oak River	767	5,428	151	14,956

Table 32. Average commercial landings (pounds) of select species of finfish and shellfish by waterbody from 1994 to 2004 (continued).

Water Body	Shrimp, White Snappers Spadefish			Spot	Striped Bass	Swordfish
Albemarle Sound	0	100	318	40,197	107,536	0
Alligator River	0	0	10	188	2,035	0
Back Bay (VA)	0	0	0	0	63	0
Bay River	219	0	4	6,770	327	0
Bogue Sound	15,708	7	14	61,516	141	0
Cape Fear River	57,513	1	2	9,773	1,079	0
Chowan River	0	0	0	12	9,038	0
Core Sound	75,244	3	3,562	715,047	3,507	0
Croatan Sound	997	0	548	28,515	42,751	0
Currituck Sound	0	0	43	1,733	2,345	0
Inland Waterway	26,292	0	3	55,107	72	0
Inland Waterway - Brunswick	9,942	0	0	3,351	0	0
Inland Waterway - Onslow	9,458	0	0	6,895	0	0
Lockwood Folly	2	0	0	3,111	0	0
Masonboro Sound	3,866	0	7	39,274	0	0
Neuse River	13,799	0	82	17,745	5,641	0
New River	194,704	0	19	46,290	104	0
Newport River	139,753	0	6	11,471	0	0
North River/Back Sound	100,036	0	1	17,143	2	0
Ocean	1,094,685	424,926	2,145	1,070,176	276,739	315,758
Ocean 0-3 mi, N of Cape Hatteras	1,044	0	138	111,629	231,024	0
Ocean 0-3 mi, S of Cape Hatteras	719,647	156	222	510,459	118,323	0
Ocean > 3 mi, N of Cape Hatteras	0	696	460	41,715	62,796	274,790
Ocean > 3 mi, S of Cape Hatteras	59,633	365,804	65	55,757	3,705	297,183
Pamlico River	1,331	0	75	4,790	5,285	0
Pamlico Sound	542,603	288	34,444	399,510	11,193	0
Pasquotank River	0	0	4	2,312	1,016	0
Perquimans River	0	0	2	50	851	0
Pungo River	65	0	4	1,365	2,729	0
Roanoke River	0	0	0	13	87	0
Roanoke Sound	1,154	0	191	26,672	8,824	0
Shalotte River	1,729	0	1	5,599	0	0
Stump Sound	15,496	0	5	887	13	0
Topsail Sound	15,865	0	0	58,460	0	0
Unknown	0	0	0	0	0	0
White Oak River	62,348	0	5	13,940	98	0

Table 32. Average commercial landings (pounds) of select species of finfish and shellfish by waterbody from 1994 to 2004 (continued).

Water Body	Tilefishes	Triggerfish	Tunas	Wahoo	Weakfish
Albemarle Sound	0	7	70	0	11,065
Alligator River	0	0	0	0	78
Back Bay (VA)	0	0	0	0	1
Bay River	0	0	78	0	1,959
Bogue Sound	0	7	37	20	1,020
Cape Fear River	0	0	31	0	122
Chowan River	0	0	0	0	6
Core Sound	0	10	218	0	169,943
Croatan Sound	0	2	71	0	10,729
Currituck Sound	0	0	0	0	716
Inland Waterway	0	0	28	0	179
Inland Waterway - Brunswick	0	0	0	0	12
Inland Waterway - Onslow	0	0	0	0	69
Lockwood Folly	0	0	0	0	23
Masonboro Sound	0	0	0	0	106
Neuse River	0	0	0	0	3,663
New River	0	0	200	0	1,270
Newport River	0	0	50	0	149
North River/Back Sound	0	0	0	32	605
Ocean	129,629	224,474	1,480,408	25,034	2,439,103
Ocean 0-3 mi, N of Cape Hatteras	109	90	6,685	14	229,899
Ocean 0-3 mi, S of Cape Hatteras	15	24	78,632	330	211,974
Ocean > 3 mi, N of Cape Hatteras	79,113	860	647,041	2,926	344,366
Ocean > 3 mi, S of Cape Hatteras	49,325	113,801	397,730	16,467	42,127
Pamlico River	0	0	6	0	2,771
Pamlico Sound	5	110	1,945	0	362,230
Pasquotank River	0	0	0	0	55
Perquimans River	0	0	0	0	28
Pungo River	0	0	0	0	1,492
Roanoke River	0	0	0	0	16
Roanoke Sound	0	9	7	0	5,077
Shallotte River	0	0	0	0	15
Stump Sound	0	0	0	0	64
Topsail Sound	0	0	0	0	68
Unknown	0	0	0	0	0
White Oak River	0	0	54	0	185

Table 33. Commercial seafood landings (pounds) by waterbody from 1962 to 2004.

Water Body	2004	2003	2002	2001	2000	1999
Albemarle Sound	11,997,535	15,599,823	18,337,378	12,776,424	15,527,298	14,899,639
Alligator River	399,222	2,557,112	2,290,476	1,078,472	1,654,134	1,387,040
Back Bay (VA)	6,802	0	0	0	0	0
Bay River	466,601	585,136	531,539	618,357	1,307,052	1,691,651
Bogue Inlet	0	0	0	0	0	0
Bogue Sound	372,710	563,219	415,061	536,963	639,350	432,002
Cape Fear River	665,175	679,002	850,752	680,259	728,472	745,639
Chowan River	282,905	365,153	522,292	657,997	802,679	895,224
Core Sound	2,998,712	3,755,039	3,798,194	4,284,982	4,357,449	5,137,849
Croatan Sound	1,548,485	1,382,407	1,666,826	1,586,582	1,372,071	2,489,096
Currituck Sound	2,229,767	2,546,110	2,870,616	1,658,571	2,122,696	2,042,858
Inland Waterway	136,384	251,218	465,633	604,043	688,001	512,513
Inland Waterway - Brunswick Co.	81,884	66,054	2,950	0	0	0
Inland Waterway - Onslow Co.	190,770	201,611	24,064	0	0	0
Lockwood Folly	54,179	82,637	47,463	76,107	47,924	29,494
Masonboro Sound	256,524	281,978	253,767	268,930	249,225	214,652
Mattamuskeet Lake	0	0	0	0	0	0
Neuse River	2,820,175	2,589,531	2,431,813	2,121,019	2,931,481	4,919,086
New River	840,347	947,215	1,176,832	987,943	1,411,498	992,222
Newport River	519,249	516,926	691,944	571,769	615,374	831,429
North River-Currituck Co.	0	0	0	0	0	0
North River/Back Sound	448,644	283,176	265,622	154,630	276,180	253,690
Ocean	0	0	0	85,813,910	89,864,710	75,983,098
Ocean 0-3 mi, N of Cape Hatteras	3,214,752	3,055,509	4,730,797	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	54,786,880	51,679,285	71,813,882	0	0	0
Ocean >3 mi, N of Cape Hatteras	22,759,717	20,483,185	17,011,029	0	0	0
Ocean >3 mi, S of Cape Hatteras	5,349,448	5,696,281	6,011,085	0	0	0
Ocean less than 3 miles	7,873	9,088	1,928	0	0	0
Pamlico River	4,239,415	3,941,918	3,534,080	2,566,846	4,216,761	8,070,324
Pamlico Sound	13,695,473	16,158,933	15,750,956	15,459,320	20,588,179	27,207,235
Pasquotank River	4,040	19,696	78,558	114,918	36,631	99,852
Perquimans River	46,764	93,443	71,694	47,189	36,640	32,603
Pungo River	1,466,963	1,556,236	1,581,145	1,029,743	2,335,241	2,207,002
Roanoke River	29,964	8,177	36,472	58,335	49,701	13,731
Roanoke Sound	1,315,087	2,566,207	2,010,578	2,417,425	1,322,093	1,650,609
Shalotte River	94,154	86,452	88,031	132,234	89,235	74,135
Stump Sound	188,608	199,241	201,655	196,395	208,599	255,430
Swamps	0	0	0	0	0	0
Topsail Sound	349,555	327,987	224,594	317,319	307,349	369,453
Unknown	0	0	0	0	174,249	740
White Oak River	236,834	290,069	381,352	349,988	269,407	296,281

Table 33. Commercial seafood landings (pounds) by waterbody from 1962 to 2004 (continued).

Water Body	1998	1997	1996	1995	1994
Albemarle Sound	14,649,752	10,424,970	22,402,160	17,146,561	14,026,530
Alligator River	1,482,820	744,434	2,368,629	1,612,875	1,479,920
Back Bay (VA)	4,654	19,336	6,919	1,009	4,062
Bay River	3,213,803	4,114,313	4,033,654	1,952,944	2,256,355
Bogue Inlet	0	0	0	0	0
Bogue Sound	495,801	489,532	530,213	657,541	539,022
Cape Fear River	802,484	824,878	790,624	956,371	1,086,329
Chowan River	867,921	696,703	786,442	673,068	1,021,070
Core Sound	6,436,400	7,023,113	5,299,270	7,167,922	9,727,022
Croatan Sound	3,247,855	2,174,611	3,384,770	2,420,850	2,457,132
Currituck Sound	2,602,684	2,389,693	2,807,314	3,712,980	2,564,134
Inland Waterway	500,785	568,665	673,724	846,943	641,176
Inland Waterway - Brunswick Co.	0	0	0	0	0
Inland Waterway - Onslow Co.	0	0	0	0	0
Lockwood Folly	44,705	84,638	94,771	119,128	75,440
Masonboro Sound	286,934	231,009	230,018	323,968	271,084
Mattamuskeet Lake	0	0	0	0	0
Neuse River	4,607,940	5,244,874	5,952,048	3,334,308	4,194,582
New River	1,047,715	946,754	965,368	1,160,971	759,910
Newport River	671,065	797,723	595,451	719,646	666,415
North River-Currituck Co.	0	0	0	0	0
North River/Back Sound	313,268	208,761	168,370	426,579	336,417
Ocean	98,923,068	149,777,682	106,498,856	105,089,164	114,218,784
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean less than 3 miles	0	0	0	0	0
Pamlico River	7,115,199	8,306,234	8,609,376	6,155,356	8,093,788
Pamlico Sound	28,582,776	28,414,763	20,133,230	18,381,045	25,964,588
Pasquotank River	91,364	79,593	160,994	220,108	303,570
Perquimans River	49,050	46,697	63,983	87,623	108,423
Pungo River	1,757,500	2,615,848	2,319,609	561,842	0
Roanoke River	79,896	90,142	77,762	30,181	71,596
Roanoke Sound	1,445,844	1,490,128	1,422,665	1,234,279	1,158,033
Shalotte River	85,451	125,376	105,543	94,816	118,431
Stump Sound	252,811	247,510	209,039	255,848	156,816
Swamps	0	0	0	0	0
Topsail Sound	313,708	242,340	235,555	335,683	284,446
Unknown	0	0	0	62,057	88,341
White Oak River	250,593	159,340	198,133	259,269	260,883

Table 33. Commercial seafood landings (pounds) by waterbody from 1962 to 2004 (continued).

Water Body	1993	1992	1991	1990	1989
Albemarle Sound	15,402,507	13,498,313	9,061,287	6,950,643	9,178,056
Alligator River	220,493	663,709	1,007,925	310,787	961,402
Back Bay (VA)	0	0	0	0	177,550
Bay River	395,454	600,588	491,088	1,553,274	597,693
Bogue Inlet	0	0	0	0	0
Bogue Sound	585,286	565,501	861,720	866,026	743,939
Cape Fear River	603,044	482,965	563,912	705,980	628,542
Chowan River	1,306,400	2,703,180	2,516,490	1,605,280	1,295,920
Core Sound	7,682,994	10,220,136	15,587,314	18,251,252	12,472,864
Croatan Sound	2,094,733	918,571	1,441,271	528,358	824,444
Currituck Sound	692,827	1,528,089	1,339,454	1,053,217	2,189,982
Inland Waterway	977,552	719,111	996,783	954,206	703,480
Inland Waterway - Brunswick Co.	0	0	0	0	0
Inland Waterway - Onslow Co.	0	0	0	0	0
Lockwood Folly	72,123	95,531	102,290	55,878	55,033
Masonboro Sound	155,567	186,731	158,916	118,380	130,787
Mattamuskeet Lake	0	0	0	0	0
Neuse River	3,228,244	3,770,529	7,020,879	5,970,862	4,485,426
New River	888,843	652,552	957,767	1,109,273	666,607
Newport River	746,316	709,443	955,933	1,077,733	1,014,491
North River-Currituck Co.	12,100	278,092	364,918	189,940	49,375
North River/Back Sound	422,345	173,035	677,106	505,604	643,267
Ocean	104,376,867	87,362,684	128,557,322	92,960,855	92,409,328
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean less than 3 miles	0	0	0	0	0
Pamlico River	4,110,912	1,524,976	3,469,241	4,264,177	2,072,711
Pamlico Sound	24,810,009	26,169,376	34,658,500	34,569,646	32,446,192
Pasquotank River	492,304	299,264	162,757	221,150	391,857
Perquimans River	43,273	8,158	0	82,432	41,551
Pungo River	0	0	0	0	0
Roanoke River	188,363	289,689	198,088	56,037	108,423
Roanoke Sound	495,344	504,655	902,162	504,873	447,708
Shalotte River	96,720	112,563	110,387	111,736	118,526
Stump Sound	53,481	18,373	21,546	11,834	18,502
Swamps	345	168	1,037	681	935
Topsail Sound	146,593	117,295	170,081	122,323	120,129
Unknown	65,496	14,148	0	0	0
White Oak River	330,941	242,396	284,974	280,432	202,759

Table 33. Commercial seafood landings (pounds) by waterbody from 1962 to 2004 (continued).

Water Body	1988	1987	1986	1985	1984
Albemarle Sound	8,357,594	10,273,860	6,584,939	7,762,393	4,886,867
Alligator River	1,081,120	1,345,302	420,512	148,444	150,712
Back Bay (VA)	0	0	0	0	0
Bay River	817,004	404,632	208,280	524,843	953,120
Bogue Inlet	0	0	0	0	0
Bogue Sound	608,808	484,754	1,176,049	593,607	4,503,512
Cape Fear River	527,027	756,955	671,135	294,281	996,764
Chowan River	3,104,273	3,628,443	7,270,139	10,076,960	5,824,275
Core Sound	13,839,206	13,379,361	20,252,497	17,449,203	13,487,495
Croatan Sound	848,873	1,028,094	1,058,982	1,594,088	1,565,724
Currituck Sound	1,375,852	876,353	2,646,308	746,951	478,224
Inland Waterway	647,602	531,304	618,012	831,516	886,716
Inland Waterway - Brunswick Co.	0	0	0	0	0
Inland Waterway - Onslow Co.	0	0	0	0	0
Lockwood Folly	57,090	96,044	119,729	131,662	63,154
Masonboro Sound	28,490	53,048	41,055	33,708	63,722
Mattamuskeet Lake	0	0	0	0	2,077
Neuse River	7,087,660	5,400,470	5,100,044	6,262,333	6,928,049
New River	462,895	385,178	500,335	723,471	806,306
Newport River	1,117,350	843,955	680,904	1,215,487	1,490,073
North River-Currituck Co.	0	0	0	0	6,909
North River/Back Sound	656,211	777,546	810,735	958,993	814,002
Ocean	114,037,839	85,478,269	94,534,194	127,789,920	197,610,022
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean less than 3 miles	0	0	0	0	0
Pamlico River	3,076,074	2,222,500	3,010,870	4,299,011	6,234,737
Pamlico Sound	34,234,755	27,640,532	21,602,535	31,233,087	27,816,105
Pasquotank River	11,592	8,421	75,082	502,842	30,254
Perquimans River	0	48,771	4,500	131,320	26,968
Pungo River	0	0	0	0	0
Roanoke River	144,246	411,163	299,321	281,765	172,347
Roanoke Sound	199,450	818,099	690,633	759,904	774,024
Shalotte River	53,192	80,934	100,754	90,870	91,083
Stump Sound	22,682	46,003	96,054	83,762	59,068
Swamps	0	5,261	3,177	8,191	4,835
Topsail Sound	150,671	122,678	140,459	149,720	265,500
Unknown	0	0	0	0	0
White Oak River	145,620	175,989	164,391	195,756	176,347

Table 33. Commercial seafood landings (pounds) by waterbody from 1962 to 2004 (continued).

Water Body	1983	1982	1981	1980	1979
Albemarle Sound	6,913,332	6,154,524	4,495,893	3,203,695	2,799,622
Alligator River	137,817	192,383	140,325	279,511	160,199
Back Bay (VA)	0	0	0	0	0
Bay River	680,073	464,722	468,827	1,692,349	788,967
Bogue Inlet	0	5,937	0	386	139
Bogue Sound	3,380,402	3,032,225	1,581,489	4,666,819	2,764,075
Cape Fear River	941,493	1,203,777	1,307,697	1,330,765	1,354,148
Chowan River	5,463,471	8,952,214	5,097,045	7,852,469	6,024,198
Core Sound	19,686,040	24,988,753	23,148,634	33,002,745	31,023,348
Croatan Sound	1,194,976	1,865,549	319,393	320,743	769,459
Currituck Sound	1,206,472	1,581,414	650,978	502,216	887,884
Inland Waterway	1,000,420	869,375	920,842	699,579	447,940
Inland Waterway - Brunswick Co.	0	0	0	0	0
Inland Waterway - Onslow Co.	0	0	0	0	0
Lockwood Folly	87,247	206,249	180,521	144,251	131,068
Masonboro Sound	173,400	283,323	230,073	487,050	234,743
Mattamuskeet Lake	100	2,121	0	100	250
Neuse River	10,258,077	19,385,471	9,547,703	13,370,534	8,779,547
New River	734,648	1,109,603	627,295	1,101,551	1,293,240
Newport River	2,197,148	3,637,617	1,666,873	2,616,287	8,258,753
North River-Currituck Co.	61,845	94,846	68,049	52,465	4,825
North River/Back Sound	1,105,710	861,799	1,207,690	1,408,480	926,019
Ocean	194,846,303	187,262,683	334,879,174	226,300,815	275,958,341
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean less than 3 miles	0	0	0	0	0
Pamlico River	4,477,033	4,047,958	5,112,442	4,192,465	6,758,163
Pamlico Sound	30,266,724	38,890,885	38,035,631	50,308,131	37,827,238
Pasquotank River	116,492	105,411	32,027	35,682	11,120
Perquimans River	0	24,433	7,873	21,538	21,070
Pungo River	0	0	0	0	0
Roanoke River	200,234	404,477	426,816	280,502	390,530
Roanoke Sound	1,337,993	1,281,531	1,267,755	1,206,220	1,837,905
Shalotte River	82,874	145,295	120,902	150,408	106,178
Stump Sound	80,084	170,502	60,652	82,764	249,285
Swamps	16,775	17,653	1,543	32,559	33,859
Topsail Sound	226,679	373,276	148,129	508,481	339,615
Unknown	523,270	0	0	0	738
White Oak River	335,698	351,917	253,612	341,246	289,618

Table 33. Commercial seafood landings (pounds) by waterbody from 1962 to 2004 (continued).

Water Body	1978	1977	1976	1975	1974
Albemarle Sound	3,202,771	2,773,414	2,999,923	2,921,586	2,127,190
Alligator River	256,117	158,944	54,183	4,682	77,967
Back Bay (VA)	0	0	0	0	0
Bay River	1,037,310	0	0	0	0
Bogue Inlet	0	0	23,814	12,340	29,450
Bogue Sound	1,520,311	505,390	551,279	1,205,153	3,402,683
Cape Fear River	952,940	74,138	156,789	175,351	178,602
Chowan River	6,936,780	9,141,029	7,309,591	6,642,614	7,483,889
Core Sound	24,792,210	36,465,418	26,185,729	19,302,967	33,667,548
Croatan Sound	566,657	129,614	143,289	689,350	714,901
Currituck Sound	893,059	520,622	483,228	111,060	227,298
Inland Waterway	243,439	171,213	378,609	449,225	474,013
Inland Waterway - Brunswick Co.	0	0	0	0	0
Inland Waterway - Onslow Co.	0	0	0	0	0
Lockwood Folly	127,203	47,066	47,950	30,494	16,954
Masonboro Sound	37,989	113,560	32,906	69,389	68,320
Mattamuskeet Lake	500	0	0	0	0
Neuse River	8,793,756	1,870,535	3,489,375	9,889,128	1,249,822
New River	651,564	297,477	243,166	287,238	440,529
Newport River	748,075	232,509	271,602	1,600,138	732,164
North River-Currituck Co.	1,000	1,405	18,137	70,659	73,518
North River/Back Sound	1,207,680	342,558	402,946	493,673	205,255
Ocean	210,367,856	167,167,077	156,790,333	167,575,239	126,514,514
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean less than 3 miles	0	0	0	0	0
Pamlico River	8,129,379	2,876,602	2,623,510	3,283,841	2,362,464
Pamlico Sound	27,186,596	21,033,165	17,510,441	15,805,659	14,222,362
Pasquotank River	24,000	485	10,932	6,018	29,171
Perquimans River	0	4,621	17,100	7,210	85,928
Pungo River	0	0	0	0	0
Roanoke River	564,523	285,156	319,806	257,160	402,849
Roanoke Sound	662,016	370,114	296,858	615,643	1,047,400
Shalotte River	131,946	36,488	13,702	41,420	30,251
Stump Sound	4,822	1,792	428	9,390	31,534
Swamps	23,798	36	1,253	1,429	11,090
Topsail Sound	12,701	17,232	14,434	12,312	17,883
Unknown	0	0	0	0	0
White Oak River	464,349	112,925	85,922	133,123	123,653

Table 33. Commercial seafood landings (pounds) by waterbody from 1962 to 2004 (continued).

Water Body	1973	1972	1971	1970	1969
Albemarle Sound	1,805,104	1,943,021	2,265,600	1,567,800	3,383,700
Alligator River	158,110	108,117	216,700	348,200	207,600
Back Bay (VA)	0	0	0	20,200	0
Bay River	0	0	0	8,200	49,200
Bogue Inlet	13,470	103,615	33,300	85,300	79,200
Bogue Sound	533,063	2,475,767	4,021,300	1,786,700	5,342,800
Cape Fear River	190,545	171,551	125,100	145,400	226,500
Chowan River	9,306,824	12,521,597	12,099,000	12,135,900	18,954,300
Core Sound	19,126,354	16,446,632	9,029,400	13,123,525	8,608,200
Croatan Sound	415,303	587,749	459,900	171,200	791,000
Currituck Sound	179,711	124,594	120,400	76,900	85,800
Inland Waterway	297,549	410,306	300,300	417,300	552,000
Inland Waterway - Brunswick Co.	0	0	0	0	0
Inland Waterway - Onslow Co.	0	0	0	0	0
Lockwood Folly	44,388	126,515	27,300	20,600	139,200
Masonboro Sound	35,599	114,084	14,100	15,900	1,200
Mattamuskeet Lake	0	0	7,500	65,700	132,800
Neuse River	1,110,995	1,382,963	1,459,700	1,850,500	1,427,900
New River	440,305	358,920	247,200	462,000	309,100
Newport River	398,127	655,944	214,600	261,000	475,300
North River-Currituck Co.	14,540	34,728	133,700	49,000	65,300
North River/Back Sound	284,779	287,211	25,100	120,400	190,300
Ocean	81,810,764	116,576,253	94,129,600	118,251,810	60,757,680
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean less than 3 miles	0	0	0	0	0
Pamlico River	1,770,978	1,558,065	1,492,500	4,830,100	4,191,500
Pamlico Sound	11,467,878	10,804,896	14,747,800	16,520,800	18,533,500
Pasquotank River	33,415	20,010	65,200	78,100	52,000
Perquimans River	34,574	37,550	16,500	80,600	82,300
Pungo River	0	0	0	0	0
Roanoke River	169,007	383,613	1,855,900	717,100	1,580,600
Roanoke Sound	617,303	444,209	201,100	278,900	617,100
Shalotte River	42,388	99,336	65,000	31,900	19,400
Stump Sound	16,052	17,505	0	0	11,100
Swamps	450	3,465	14,300	6,500	300
Topsail Sound	36,552	8,988	1,300	0	0
Unknown	0	0	0	19,700	0
White Oak River	98,535	94,356	85,400	94,300	59,100

Table 33. Commercial seafood landings (pounds) by waterbody from 1962 to 2004 (continued).

Water Body	1968	1967	1966	1965	1964
Albemarle Sound	3,753,900	1,965,100	2,106,500	3,408,700	3,117,000
Alligator River	263,400	288,600	289,600	4,700	54,400
Back Bay (VA)	0	0	0	0	0
Bay River	16,600	0	0	0	0
Bogue Inlet	22,200	32,600	1,196,700	98,500	139,500
Bogue Sound	2,614,900	1,348,100	1,050,200	550,300	493,400
Cape Fear River	66,800	20,900	324,100	88,500	119,800
Chowan River	14,146,900	19,217,700	12,289,700	11,904,700	5,445,300
Core Sound	11,487,700	16,410,000	13,347,100	17,581,900	26,793,500
Croatan Sound	1,020,100	726,700	855,500	1,245,600	1,804,400
Currituck Sound	269,900	179,200	217,300	156,200	195,800
Inland Waterway	672,900	538,700	0	0	0
Inland Waterway - Brunswick Co.	0	0	0	0	0
Inland Waterway - Onslow Co.	0	0	0	0	0
Lockwood Folly	100,100	85,000	160,900	238,700	161,100
Masonboro Sound	1,900	5,900	131,900	232,500	408,400
Mattamuskeet Lake	130,600	127,600	0	0	0
Neuse River	693,100	794,100	971,400	2,560,600	2,250,700
New River	358,900	344,400	789,500	345,300	437,700
Newport River	2,058,600	382,200	180,600	232,700	350,000
North River-Currituck Co.	116,100	64,000	53,000	52,300	65,400
North River/Back Sound	178,000	143,900	205,300	90,000	85,000
Ocean	172,545,100	61,749,570	49,091,110	69,093,190	174,678,000
Ocean 0-3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, N of Cape Hatteras	0	0	0	0	0
Ocean >3 mi, S of Cape Hatteras	0	0	0	0	0
Ocean less than 3 miles	0	0	0	0	0
Pamlico River	3,752,600	3,129,600	2,489,200	4,081,700	3,352,600
Pamlico Sound	15,697,400	12,150,500	18,112,900	17,710,200	16,883,600
Pasquotank River	57,400	66,500	40,100	0	171,300
Perquimans River	100,900	147,500	48,400	48,400	189,500
Pungo River	0	0	0	0	0
Roanoke River	1,563,700	409,200	579,200	8,700	844,700
Roanoke Sound	346,000	248,200	212,700	87,600	119,000
Shalotte River	87,900	84,300	150,400	551,500	139,400
Stump Sound	9,400	3,000	50,200	86,800	82,100
Swamps	100	0	0	0	0
Topsail Sound	100	7,300	135,600	191,100	49,200
Unknown	0	0	0	0	0
White Oak River	45,700	72,600	98,200	253,100	148,400

Table 33. Commercial seafood landings (pounds) by waterbody from 1962 to 2004 (continued).

Water Body	1963	1962
Albemarle Sound	3,658,400	4,379,100
Alligator River	176,700	227,300
Back Bay (VA)	0	0
Bay River	0	0
Bogue Inlet	102,900	134,500
Bogue Sound	542,100	340,600
Cape Fear River	53,700	82,900
Chowan River	12,673,600	11,038,200
Core Sound	41,952,500	32,981,800
Croatan Sound	1,297,300	1,285,000
Currituck Sound	216,400	227,100
Inland Waterway	0	0
Inland Waterway - Brunswick Co.	0	0
Inland Waterway - Onslow Co.	0	0
Lockwood Folly	212,100	302,600
Masonboro Sound	213,500	302,700
Mattamuskeet Lake	0	19,500
Neuse River	2,124,700	2,259,200
New River	296,000	332,200
Newport River	259,000	240,000
North River-Currituck Co.	70,000	45,600
North River/Back Sound	95,000	100,000
Ocean	62,669,870	112,852,600
Ocean 0-3 mi, N of Cape Hatteras	0	0
Ocean 0-3 mi, S of Cape Hatteras	0	0
Ocean >3 mi, N of Cape Hatteras	0	0
Ocean >3 mi, S of Cape Hatteras	0	0
Ocean less than 3 miles	0	0
Pamlico River	2,776,100	1,915,100
Pamlico Sound	14,351,300	12,245,200
Pasquotank River	123,400	82,200
Perquimans River	155,600	118,000
Pungo River	0	0
Roanoke River	514,500	466,100
Roanoke Sound	173,800	0
Shallotte River	203,800	220,100
Stump Sound	64,500	99,100
Swamps	0	0
Topsail Sound	79,000	36,600
Unknown	0	0
White Oak River	97,000	50,900

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (*) indicates confidential data).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Albemarle Sound	1994	1	Crab Pot	10,992,591	19,984
		2	Gill Net Set (sink)	1,978,246	10,086
		3	Pound Net	498,053	1,029
		4	Gill Net Set (float)	306,331	1,912
		5	Fish Pot	143,924	167
	1995	1	Crab Pot	14,665,165	27,161
		2	Gill Net Set (sink)	1,410,683	8,749
		3	Pound Net	440,816	608
		4	Gill Net Set (float)	220,700	2,539
		5	Fish Pot	200,944	155
	1996	1	Crab Pot	20,375,313	27,504
		2	Gill Net Set (sink)	1,149,013	7,253
		3	Gill Net Set (float)	353,534	2,293
		4	Pound Net	232,813	486
		5	Fish Pot	82,632	75
	1997	1	Crab Pot	7,971,770	17,826
		2	Gill Net Set (sink)	1,598,557	10,882
		3	Pound Net	290,271	517
		4	Gill Net Set (float)	253,231	1,662
		5	Fish Pot	85,842	103
	1998	1	Crab Pot	12,183,612	19,482
		2	Gill Net Set (sink)	1,632,750	9,512
		3	Pound Net	257,911	399
		4	Peeler Pot	181,721	1,417
		5	Gill Net Set (float)	163,695	1,101
	1999	1	Crab Pot	12,628,468	20,532
		2	Gill Net Set (sink)	1,445,033	9,420
		3	Pound Net	246,775	435
		4	Gill Net Set (float)	227,772	1,620
		5	Peeler Pot	192,146	2,088
	2000	1	Crab Pot	12,970,421	21,741
		2	Gill Net Set (sink)	1,645,351	11,149
		3	Pound Net	245,870	440
		4	Gill Net Set (float)	224,314	1,358
		5	Peeler Pot	217,518	2,100
	2001	1	Crab Pot	10,103,143	22,718
		2	Gill Net Set (sink)	1,540,769	11,102
		3	Peeler Pot	457,716	3,049
		4	Pound Net	245,990	342
		5	Gill Net Set (float)	168,805	1,395
2002	1	Crab Pot	15,833,840	23,619	
	2	Gill Net Set (sink)	1,650,166	9,506	
	3	Pound Net	293,017	461	
	4	Peeler Pot	241,145	3,117	
	5	Gill Net Set (float)	146,214	733	
2003	1	Crab Pot	12,976,155	20,368	
	2	Gill Net Set (sink)	1,857,904	10,253	
	3	Gill Net Set (float)	210,762	884	
	4	Peeler Pot	168,422	1,563	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Albemarle Sound	2003	5	Pound Net	141,923	270
	2004	1	Crab Pot	9,889,972	17,485
		2	Gill Net Set (sink)	1,196,063	6,348
		3	Peeler Pot	211,964	1,244
		4	Pound Net	139,875	183
Alligator River	1994	5	Gill Net Set, >= 5 in. mesh	133,064	1,169
		1	Crab Pot	1,341,832	2,366
		2	Gill Net Set (float)	53,901	397
		3	Gill Net Set (sink)	34,877	269
		4	Pound Net	27,163	36
	1995	5	Fyke Net	11,419	54
		1	Crab Pot	1,479,466	2,950
		2	Gill Net Set (float)	89,879	859
		3	Gill Net Set (sink)	15,096	105
		4	Fish Pot	13,141	16
	1996	5	Fyke Net	***	50
		1	Crab Pot	2,214,460	3,379
		2	Gill Net Set (float)	84,683	768
		3	Pound Net	33,284	32
		4	Gill Net Set (sink)	19,390	82
	1997	5	Fish Pot	6,237	15
		1	Crab Pot	668,117	1,311
		2	Pound Net	***	54
		3	Gill Net Set (float)	22,977	351
		4	Fyke Net	***	30
	1998	5	Fish Pot	7,074	25
		1	Crab Pot	1,368,038	2,632
		2	Pound Net	***	52
		3	Gill Net Set (float)	19,699	239
		4	Fyke Net	14,662	36
	1999	5	Fish Pot	10,538	35
		1	Crab Pot	1,314,085	2,184
2		Gill Net Set (float)	***	425	
3		Fish Pot	***	198	
4		Fyke Net	***	33	
2000	5	Gill Net Set (sink)	8,080	82	
	1	Crab Pot	1,586,150	2,827	
	2	Gill Net Set (sink)	25,077	193	
	3	Gill Net Set (float)	17,502	134	
	4	Fyke Net	***	39	
2001	5	Fish Pot	10,355	34	
	1	Crab Pot	1,029,467	2,387	
	2	Fish Pot	11,274	29	
	3	Gill Net Set (float)	10,579	52	
	4	Gill Net Set (sink)	9,565	61	
2002	5	Fyke Net	7,769	25	
	1	Crab Pot	2,221,150	2,818	
	2	Gill Net Set (sink)	47,660	368	
		3	Peeler Pot	5,840	29

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (*) indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips	
Alligator River	2002	4	Gill Net Set (float)	5,780	38	
		5	Fyke Net	***	13	
	2003	1	Crab Pot	2,524,049	3,450	
		2	Gill Net Set (sink)	22,634	145	
		3	Gill Net Set (float)	***	31	
		4	Peeler Pot	2,573	9	
		5	Pound Net	***	1	
	2004	1	Crab Pot	374,229	728	
		2	Fish Pot	14,192	22	
		3	Gill Net Set (sink)	8,537	43	
		4	Peeler Pot	***		
		5	Eel Pot	***	1	
	Back Bay (VA)	1994	1	Haul Seine	***	21
			2	Gill Net Set (float)	***	1
			3	Gill Net Set (sink)	***	3
4			Crab Pot	***	1	
1995		1	Gill Net Set (sink)	***	5	
		2	Crab Pot	***	2	
		3	Haul Seine	***	1	
1996		4	Gill Net Set (float)	***	1	
		1	Crab Pot	***	65	
		2	Gill Net Set (sink)	***	5	
		3	Gill Net Set (float)	***	2	
1997		1	Crab Pot	***	66	
		2	Gill Net Set (sink)	***	1	
1998		1	Crab Pot	***	28	
2004		1	Crab Pot	***	11	
Bay River	1994	1	Crab Pot	2,023,982	4,264	
		2	Crab Trawl	142,181	266	
		3	Gill Net Set (float)	32,528	494	
		4	Swipe Net	***	22	
		5	Shrimp Trawl	23,331	101	
	1995	1	Crab Pot	1,820,257	5,462	
		2	Gill Net Set (float)	71,973	774	
		3	Swipe Net	***	16	
		4	Crab Trawl	15,093	83	
		5	Shrimp Trawl	11,139	76	
	1996	1	Crab Pot	3,633,985	5,272	
		2	Crab Trawl	265,298	305	
		3	Gill Net Set (float)	62,043	743	
		4	Gill Net (runaround)	27,498	61	
		5	Swipe Net	***	29	
	1997	1	Crab Pot	3,650,068	6,410	
		2	Crab Trawl	265,668	236	
		3	Gill Net Set (float)	82,322	821	
		4	Gill Net (runaround)	50,462	139	
		5	Swipe Net	***	26	
1998	1	Crab Pot	2,866,444	6,333		
	2	Crab Trawl	228,689	418		

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Bay River	1998	3	Swipe Net	***	34
		4	Gill Net Set (float)	38,726	481
		5	Gill Net (runaround)	23,180	73
	1999	1	Crab Pot	1,474,902	3,337
		2	Crab Trawl	105,415	233
		3	Gill Net Set (float)	27,434	360
		4	Gill Net (runaround)	24,215	89
		5	Shrimp Trawl	23,967	71
	2000	1	Crab Pot	1,113,437	2,964
		2	Gill Net Set (float)	49,617	446
		3	Gill Net (runaround)	49,595	146
		4	Crab Trawl	43,046	106
		5	Shrimp Trawl	36,493	93
	2001	1	Crab Pot	497,721	2,472
		2	Gill Net Set (float)	48,380	520
		3	Gill Net (runaround)	32,279	92
		4	Crab Trawl	17,617	92
		5	Gill Net Set (sink)	11,129	41
	2002	1	Crab Pot	424,878	1,501
		2	Gill Net Set (float)	43,143	407
		3	Gill Net (runaround)	28,242	53
		4	Shrimp Trawl	14,813	42
		5	Swipe Net	***	14
	2003	1	Crab Pot	476,796	1,479
		2	Gill Net Set (float)	31,672	277
		3	Gill Net Set (sink)	27,832	24
		4	Gill Net (runaround)	22,430	66
		5	Crab Trawl	20,488	84
	2004	1	Crab Pot	416,010	1,169
		2	Gill Net Set (float)	14,526	60
3		Gill Net Set, >= 5 in. mesh	***	138	
4		Crab Trawl	9,638	31	
5		Gill Net (runaround)	9,094	37	
Bogue Sound	1994	1	Crab Pot	266,396	917
		2	Haul Seine	51,221	20
		3	Gill Net Set (float)	50,196	422
		4	Gill Net (runaround)	45,138	192
		5	Gill Net Set (sink)	35,250	232
	1995	1	Crab Pot	183,046	676
		2	Gill Net (runaround)	115,193	220
		3	Gill Net Set (float)	91,734	679
		4	Haul Seine	66,453	10
		5	Gill Net Set (sink)	49,156	370
	1996	1	Crab Pot	278,854	805
		2	Gill Net Set (float)	50,352	490
		3	Gill Net (runaround)	48,734	109
		4	Gill Net Set (sink)	31,711	125
		5	Shrimp Trawl	21,612	227
1997	1	Crab Pot	200,678	939	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Bogue Sound	1997	2	Gill Net Set (float)	75,435	489
		3	Gill Net (runaround)	64,272	122
		4	Gill Net Set (sink)	39,989	185
		5	By Hand	26,627	1,083
		1998	1	Crab Pot	215,044
	1998	2	Gill Net Set (sink)	72,572	180
		3	Gill Net Set (float)	37,786	268
		4	Gill Net (runaround)	31,946	88
		5	Scallop Dredge (bay)	24,836	218
		1999	1	Crab Pot	153,004
	1999	2	Gill Net Set (sink)	78,521	215
		3	Gill Net Set (float)	40,625	211
		4	Skimmer Trawl	29,722	92
		5	By Hand	21,514	1,091
		2000	1	Crab Pot	214,472
	2000	2	Gill Net Set (sink)	157,483	376
		3	Gill Net Set (float)	75,353	294
		4	Gill Net (runaround)	71,204	136
		5	By Hand	34,046	1,796
		2001	1	Crab Pot	163,119
	2001	2	Gill Net (runaround)	116,867	167
		3	Gill Net Set (float)	89,552	233
		4	Gill Net Set (sink)	77,040	256
		5	By Hand	29,912	1,724
		2002	1	Gill Net (runaround)	122,048
	2002	2	Crab Pot	90,796	406
		3	Gill Net Set (sink)	53,133	224
		4	Gill Net Set (float)	36,796	207
		5	By Hand	33,209	2,134
		2003	1	Crab Pot	244,873
	2003	2	Shrimp Trawl	67,639	168
		3	Skimmer Trawl	60,719	113
		4	Gill Net Set (sink)	47,748	278
		5	Gill Net Set (float)	42,874	209
		2004	1	Crab Pot	164,590
2004	2	Gill Net Set (float)	35,814	233	
	3	By Hand	35,226	2,331	
	4	Gill Net (runaround)	23,685	69	
	5	Gill Net Set (sink)	21,542	182	
	Cape Fear River	1994	1	Crab Pot	781,073
2			Shrimp Trawl	150,805	879
3			Gill Net Set (sink)	47,339	532
4			Rakes, Hand	21,469	2,121
5			Tongs, Hand	20,477	1,110
1995		1	Crab Pot	686,126	2,045
		2	Shrimp Trawl	114,068	447
		3	Gill Net Set (sink)	44,035	577
		4	Gill Net (runaround)	25,286	127
		5	Tongs, Hand	18,594	949

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Cape Fear River	1996	1	Crab Pot	556,272	1,798
		2	Gill Net Set (sink)	81,255	840
		3	Shrimp Trawl	79,241	396
		4	Rakes, Hand	21,843	1,823
		5	Tongs, Hand	14,045	728
	1997	1	Crab Pot	561,209	1,872
		2	Shrimp Trawl	135,327	540
		3	Gill Net Set (sink)	62,844	670
		4	Gill Net (runaround)	15,074	54
		5	Rakes, Hand	12,612	1,004
	1998	1	Crab Pot	627,435	1,670
		2	Shrimp Trawl	77,090	370
		3	Gill Net Set (sink)	46,835	415
		4	Gill Net (runaround)	11,464	61
		5	Rakes, Hand	8,729	556
	1999	1	Crab Pot	557,425	1,563
		2	Shrimp Trawl	119,403	433
		3	Gill Net Set (sink)	32,621	413
		4	Gill Net (runaround)	11,109	68
		5	Rakes, Hand	5,730	366
	2000	1	Crab Pot	594,678	1,566
		2	Shrimp Trawl	47,158	259
		3	Gill Net Set (sink)	45,626	474
		4	Gill Net (runaround)	20,731	36
		5	Gigs	6,358	113
	2001	1	Crab Pot	569,605	1,777
		2	Gill Net Set (sink)	45,061	374
		3	Shrimp Trawl	18,108	209
		4	Rakes, Hand	10,354	517
		5	Gill Net (drift)	8,806	104
2002	1	Crab Pot	648,532	1,772	
	2	Shrimp Trawl	84,475	331	
	3	Gill Net Set (sink)	52,301	453	
	4	Rakes, Hand	20,687	1,105	
	5	Gill Net (drift)	9,431	90	
2003	1	Crab Pot	432,950	1,345	
	2	Shrimp Trawl	102,482	310	
	3	Gill Net Set (sink)	60,574	545	
	4	Rakes, Hand	16,877	1,003	
	5	Gill Net (drift)	16,349	119	
2004	1	Crab Pot	515,072	1,326	
	2	Gill Net Set (sink)	55,950	530	
	3	Shrimp Trawl	33,183	149	
	4	Tongs, Hand	13,934	639	
	5	Rakes, Hand	11,736	713	
Chowan River	1994	1	Pound Net	720,903	1,328
		2	Fish Pot	195,266	202
		3	Crab Pot	43,479	62
		4	Trotline	29,840	140

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (*) indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Chowan River	1995	5	Gill Net Set (sink)	21,661	173
		1	Pound Net	496,463	652
		2	Fish Pot	98,380	145
		3	Gill Net Set (sink)	***	279
		4	Trotline	***	115
	1996	5	Gill Net Set (float)	8,676	22
		1	Pound Net	603,272	692
		2	Fish Pot	59,973	127
		3	Trotline	***	295
		4	Fyke Net	***	22
	1997	5	Gill Net Set (sink)	19,034	168
		1	Pound Net	388,082	759
		2	Fyke Net	***	89
		3	Trotline	***	342
		4	Gill Net Set (sink)	60,104	461
	1998	5	Fish Pot	***	45
		1	Pound Net	509,612	547
		2	Fyke Net	175,027	109
		3	Trotline	***	303
		4	Gill Net Set (sink)	***	516
	1999	5	Fish Pot	37,959	73
		1	Pound Net	484,435	692
		2	Fyke Net	***	184
		3	Crab Pot	55,553	117
		4	Gill Net Set (sink)	***	329
	2000	5	Trotline	***	173
		1	Pound Net	403,487	757
		2	Fyke Net	346,939	185
		3	Trotline	***	136
		4	Fish Pot	***	40
	2001	5	Gill Net Set (sink)	***	127
		1	Pound Net	456,217	552
		2	Fyke Net	160,529	109
3		Fish Pot	***	40	
4		Gill Net Set (sink)	***	176	
2002	5	Trotline	***	59	
	1	Pound Net	359,642	710	
	2	Fyke Net	***	39	
	3	Crab Pot	47,476	130	
	4	Gill Net Set (sink)	26,023	265	
2003	5	Trotline	***	51	
	1	Pound Net	276,767	500	
	2	Fyke Net	***	57	
	3	Trotline	***	82	
	4	Gill Net Set (sink)	***	124	
2004	5	Haul Seine	***	13	
	1	Pound Net	190,175	397	
	2	Fyke Net	***	53	
		3	Gill Net Set (sink)	***	109

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Chowan River		4	Fish Pot	***	15
		5	Haul Seine	***	29
Core Sound	1994	1	Purse Seine	***	50
		2	Crab Pot	1,781,247	3,741
		3	Pound Net	1,522,568	1,430
		4	Haul Seine	990,224	241
		5	Shrimp Trawl	932,414	5,808
	1995	1	Purse Seine	***	9
		2	Haul Seine	1,085,001	205
		3	Crab Pot	1,015,147	3,689
		4	Shrimp Trawl	1,010,359	6,376
		5	Pound Net	778,035	807
	1996	1	Crab Pot	2,144,128	3,657
		2	Shrimp Trawl	830,954	5,313
		3	Haul Seine	781,778	292
		4	Pound Net	609,095	901
		5	Gill Net Set (float)	189,686	1,303
	1997	1	Crab Pot	1,719,665	3,604
		2	Purse Seine	***	11
		3	Haul Seine	1,501,986	264
		4	Shrimp Trawl	738,673	5,085
		5	Pound Net	330,213	506
	1998	1	Purse Seine	***	12
		2	Crab Pot	1,227,845	2,793
		3	Haul Seine	1,140,173	229
		4	Shrimp Trawl	915,796	4,230
		5	Gill Net (runaround)	257,133	472
	1999	1	Crab Pot	1,305,500	2,793
		2	Purse Seine	***	19
3		Shrimp Trawl	884,767	4,136	
4		Haul Seine	701,243	200	
5		Gill Net Set (float)	335,702	1,223	
2000	1	Purse Seine	***	23	
	2	Haul Seine	856,155	167	
	3	Crab Pot	717,316	2,263	
	4	Shrimp Trawl	490,441	2,792	
	5	Gill Net Set (float)	268,590	1,340	
2001	1	Haul Seine	1,124,642	189	
	2	Purse Seine	***	14	
	3	Crab Pot	680,162	2,186	
	4	Shrimp Trawl	506,070	3,065	
	5	Gill Net Set (float)	296,630	1,385	
2002	1	Purse Seine	***	23	
	2	Shrimp Trawl	756,639	3,370	
	3	Haul Seine	653,397	114	
	4	Crab Pot	344,880	1,136	
	5	Pound Net	252,657	396	
2003	1	Crab Pot	933,741	1,849	
	2	Shrimp Trawl	931,477	3,163	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Core Sound	2004	3	Haul Seine	671,396	176
		4	Purse Seine	***	7
		5	Gill Net Set (sink)	164,865	735
		1	Haul Seine	694,888	155
		2	Crab Pot	605,920	1,693
Croatan Sound	1994	3	Pound Net	326,551	531
		4	Shrimp Trawl	321,979	1,488
		5	Gill Net (runaround)	207,828	313
		1	Crab Pot	1,990,765	4,191
		2	Gill Net Set (sink)	177,760	1,377
	1995	3	Pound Net	173,455	198
		4	Crab Trawl	88,948	177
		5	Shrimp Trawl	14,362	140
		1	Crab Pot	1,986,790	5,097
		2	Gill Net Set (sink)	184,269	1,426
	1996	3	Pound Net	92,793	137
		4	Crab Trawl	80,772	174
		5	Gill Net Set (float)	36,295	421
		1	Crab Pot	2,625,009	5,481
		2	Crab Trawl	426,834	501
	1997	3	Gill Net Set (sink)	142,783	1,198
		4	Pound Net	98,329	124
		5	Gill Net Set (float)	66,905	627
		1	Crab Pot	1,777,615	5,153
		2	Gill Net Set (sink)	143,098	1,582
1998	3	Crab Trawl	101,241	263	
	4	Pound Net	45,676	66	
	5	Gill Net Set (float)	40,858	641	
	1	Crab Pot	2,674,764	6,584	
	2	Crab Trawl	204,137	383	
1999	3	Gill Net Set (sink)	203,271	1,515	
	4	Gill Net Set (float)	80,675	461	
	5	Gill Net (runaround)	41,383	82	
	1	Crab Pot	1,703,226	4,209	
	2	Gill Net Set (sink)	313,316	2,239	
2000	3	Gill Net Set (float)	151,051	962	
	4	Pound Net	140,977	113	
	5	Crab Trawl	62,017	102	
	1	Crab Pot	645,447	2,937	
	2	Gill Net Set (sink)	417,635	3,392	
2001	3	Pound Net	81,349	73	
	4	Shrimp Trawl	62,787	558	
	5	Gill Net (runaround)	52,928	135	
	1	Crab Pot	798,708	3,512	
	2	Gill Net Set (sink)	416,610	3,616	
2002	3	Gill Net (runaround)	135,092	167	
	4	Peeler Pot	78,400	144	
	5	Crab Trawl	73,412	141	
	1	Crab Pot	675,129	2,144	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Croatan Sound	2002	2	Gill Net Set (sink)	522,531	4,011
		3	Gill Net (runaround)	183,794	157
		4	Crab Dredge	***	50
		5	Peeler Pot	57,041	206
		2003	1	Crab Pot	755,900
	2003	2	Gill Net Set (sink)	518,890	3,302
		3	Gill Net (runaround)	41,615	89
		4	Crab Trawl	***	88
		5	Peeler Pot	19,471	86
		2004	1	Crab Pot	889,376
	2004	2	Peeler Pot	197,080	417
		3	Gill Net Set (sink)	178,436	1,336
		4	Gill Net Set, >= 5 in. mesh	161,985	1,223
		5	Gill Net Set, < 5 in. mesh	57,137	323
		Currituck Sound	1994	1	Crab Pot
2	Gill Net Set (sink)			113,805	789
3	Haul Seine			75,856	104
4	Gill Net Set (float)			49,032	340
5	Fyke Net			28,279	70
1995	1		Crab Pot	3,422,774	4,840
	2		Gill Net Set (sink)	118,328	1,037
	3		Haul Seine	95,233	69
	4		Pound Net	***	61
	5		Gill Net Set (float)	22,023	202
1996	1		Crab Pot	2,390,045	3,739
	2		Gill Net Set (sink)	176,889	1,385
	3		Haul Seine	90,421	77
	4		Pound Net	47,024	90
	5		Fyke Net	32,167	76
1997	1		Crab Pot	1,896,881	3,689
	2		Gill Net Set (sink)	277,224	2,082
	3		Haul Seine	59,777	69
	4		Pound Net	44,299	98
	5		Fyke Net	40,482	94
1998	1		Crab Pot	2,214,939	3,994
	2		Gill Net Set (sink)	200,483	1,663
	3		Peeler Pot	70,388	322
	4		Pound Net	41,954	77
	5		Fyke Net	25,493	100
1999	1	Crab Pot	1,690,622	3,470	
	2	Gill Net Set (sink)	202,521	1,562	
	3	Peeler Pot	38,568	306	
	4	Haul Seine	***	37	
	5	Fyke Net	26,868	102	
2000	1	Crab Pot	1,751,452	3,775	
	2	Gill Net Set (sink)	233,833	1,508	
	3	Pound Net	37,555	49	
	4	Eel Pot	30,920	114	
	5	Fyke Net	28,835	92	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Currituck Sound	2001	1	Crab Pot	1,273,119	3,249
		2	Gill Net Set (sink)	189,625	1,197
		3	Peeler Pot	87,059	331
		4	Pound Net	41,343	70
		5	Fyke Net	25,905	85
	2002	1	Crab Pot	2,539,905	4,481
		2	Gill Net Set (sink)	194,879	1,015
		3	Peeler Pot	53,943	232
		4	Pound Net	48,790	66
		5	Fyke Net	20,982	69
	2003	1	Crab Pot	2,219,712	4,356
		2	Gill Net Set (sink)	100,434	768
		3	Peeler Pot	89,906	224
		4	Eel Pot	54,029	108
		5	Fyke Net	41,793	86
	2004	1	Crab Pot	1,996,007	3,627
		2	Peeler Pot	75,576	227
		3	Gill Net Set (sink)	65,299	563
		4	Eel Pot	26,562	51
		5	Fyke Net	25,923	68
Inland Waterway	1994	1	Crab Pot	372,664	1,370
		2	Gill Net (runaround)	82,086	334
		3	Shrimp Trawl	42,365	792
		4	Gill Net Set (sink)	30,022	321
		5	Gill Net (drift)	23,180	124
	1995	1	Crab Pot	406,671	2,267
		2	Gill Net (runaround)	120,595	337
		3	Shrimp Trawl	92,187	960
		4	Gill Net Set (sink)	51,897	375
		5	Cast Net	32,526	39
	1996	1	Crab Pot	348,031	1,783
		2	Gill Net (runaround)	78,665	272
		3	Gill Net Set (sink)	63,040	488
		4	Shrimp Trawl	58,183	752
		5	Channel Net	27,003	141
	1997	1	Crab Pot	166,600	1,155
		2	Gill Net (runaround)	162,772	465
		3	Gill Net Set (sink)	75,459	483
		4	Shrimp Trawl	50,887	626
		5	Gill Net Set (float)	30,499	87
1998	1	Crab Pot	204,388	1,566	
	2	Gill Net (runaround)	104,212	403	
	3	Gill Net Set (sink)	45,654	345	
	4	Shrimp Trawl	43,665	571	
	5	Cast Net	32,791	104	
1999	1	Crab Pot	218,356	1,140	
	2	Gill Net Set (sink)	100,177	538	
	3	Gill Net (runaround)	55,942	267	
	4	Shrimp Trawl	32,789	370	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips	
Inland Waterway	1999	5	Channel Net	23,496	220	
		2000	1	Crab Pot	291,875	1,669
	2000	2	Gill Net (runaround)	108,401	340	
		3	Gill Net Set (sink)	92,286	431	
		4	Shrimp Trawl	61,549	580	
		5	Gill Net Set (float)	35,301	173	
		2001	1	Crab Pot	230,961	1,569
	2001	2	Gill Net (runaround)	152,134	304	
		3	Gill Net Set (sink)	76,805	381	
		4	By Hand	32,549	2,046	
		5	Shrimp Trawl	31,984	397	
		2002	1	Crab Pot	195,037	1,329
	2002	2	Gill Net (runaround)	76,823	196	
		3	Gill Net Set (sink)	66,496	412	
		4	Shrimp Trawl	36,401	415	
		5	By Hand	23,274	1,620	
		2003	1	Crab Pot	166,884	940
	2003	2	Shrimp Trawl	23,797	275	
		3	Channel Net	18,821	56	
		4	Gill Net Set (sink)	13,605	155	
		5	Fish Pot	8,188	104	
		2004	1	Crab Pot	74,147	507
	2004	2	Gill Net (runaround)	***	52	
		3	Shrimp Trawl	13,414	88	
		4	Fish Pot	***	52	
5		Gill Net Set, < 5 in. mesh	***	17		
Inland Waterway - Brunswick		2002	1	By Hand	1,268	51
	2		Gill Net Set (sink)	***	6	
	3		Rakes, Hand	***	49	
	2003	1	Crab Pot	30,155	248	
		2	Shrimp Trawl	19,748	146	
		3	Gill Net Set (sink)	8,955	105	
		4	By Hand	2,722	163	
		5	Rakes, Hand	1,288	102	
	2004	1	Crab Pot	53,357	478	
		2	Shrimp Trawl	9,495	92	
		3	By Hand	4,769	227	
		4	Gill Net Set (sink)	4,509	70	
		5	Rakes, Hand	3,317	197	
	Inland Waterway - Onslow	2002	1	Gill Net (runaround)	***	14
			2	By Hand	6,164	428
3			Gill Net Set (sink)	***	6	
4			Skimmer Trawl	***	6	
5			Clam Dredge (hydraulic)	***	18	
2003		1	Crab Pot	85,312	393	
		2	Gill Net (runaround)	***	75	
		3	By Hand	25,130	1,634	
		4	Channel Net	15,940	109	
		5	Gill Net Set (sink)	12,610	128	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Inland Waterway - Onslow	2004	1	Crab Pot	63,975	260
		2	Gill Net (runaround)	28,077	78
		3	By Hand	27,632	1,846
		4	Channel Net	16,961	147
		5	Gill Net Set (float)	13,113	78
Lockwood Folly	1994	1	By Hand	25,680	1,047
		2	Rakes, Hand	23,000	2,246
		3	Gill Net (runaround)	15,976	69
		4	Gill Net Set (sink)	5,896	37
		5	Crab Pot	3,143	35
	1995	1	By Hand	41,720	1,496
		2	Crab Pot	31,208	203
		3	Rakes, Hand	26,743	2,020
		4	Gill Net (runaround)	6,788	32
		5	Gill Net Set (sink)	6,189	34
	1996	1	By Hand	39,895	1,415
		2	Rakes, Hand	21,988	1,714
		3	Crab Pot	21,391	195
		4	Gill Net (runaround)	3,807	15
		5	Gill Net Set (sink)	2,693	46
	1997	1	Rakes, Hand	29,589	2,097
		2	By Hand	29,125	1,197
		3	Crab Pot	11,640	85
		4	Gill Net Set (sink)	10,517	56
		5	Gill Net (runaround)	1,169	6
	1998	1	By Hand	14,304	663
		2	Rakes, Hand	14,204	1,275
		3	Crab Pot	11,074	121
		4	Gill Net Set (sink)	3,003	39
		5	Gill Net (runaround)	662	5
1999	1	Rakes, Hand	13,622	1,159	
	2	Crab Pot	8,030	110	
	3	By Hand	5,748	259	
	4	Gill Net Set (sink)	1,356	20	
	5	Gigs	546	13	
2000	1	Rakes, Hand	22,884	1,971	
	2	By Hand	14,041	586	
	3	Crab Pot	7,145	95	
	4	Gill Net Set (sink)	2,666	36	
	5	Cast Net	545	23	
2001	1	Rakes, Hand	25,362	2,447	
	2	By Hand	21,886	958	
	3	Crab Pot	19,976	166	
	4	Gill Net (runaround)	4,751	18	
	5	Gill Net Set (sink)	3,631	66	
2002	1	By Hand	23,175	1,094	
	2	Rakes, Hand	9,972	1,077	
	3	Crab Pot	6,903	43	
	4	Gill Net Set (sink)	4,132	87	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips		
Lockwood Folly	2002	5	Gill Net (runaround)	3,163	7		
		2003	1	Crab Pot	41,595	187	
	Masonboro Sound	2003	2	By Hand	24,858	1,137	
			3	Rakes, Hand	8,756	854	
			4	Gill Net Set (sink)	6,097	111	
			5	Gill Net (runaround)	802	5	
			2004	1	By Hand	23,349	1,238
		Masonboro Sound	2004	2	Crab Pot	15,823	100
				3	Rakes, Hand	7,692	789
				4	Gill Net Set (sink)	4,332	89
5				Gill Net (runaround)	2,133	8	
1994				1	Crab Pot	139,061	1,109
1994	2		Gill Net Set (sink)	47,295	468		
	3		By Hand	24,211	1,010		
	4		Gigs	20,430	538		
	5		Gill Net (runaround)	16,054	92		
	1995		1	Crab Pot	167,398	1,284	
1995	2		Gill Net Set (sink)	41,678	367		
	3		By Hand	26,963	1,139		
	4		Rakes, Hand	19,714	2,508		
	5		Gill Net (runaround)	19,514	96		
	1996		1	Crab Pot	100,161	687	
1996	2		Gill Net Set (sink)	47,610	419		
	3		By Hand	24,766	840		
	4		Rakes, Hand	16,773	2,281		
	5		Gill Net (runaround)	15,067	67		
	1997		1	Crab Pot	82,300	494	
1997	2	Gill Net Set (sink)	61,651	535			
	3	By Hand	23,996	901			
	4	Gill Net (runaround)	22,165	84			
	5	Rakes, Hand	19,598	2,742			
	1998	1	Crab Pot	162,103	818		
1998	2	Gill Net Set (sink)	41,553	365			
	3	By Hand	29,930	1,182			
	4	Rakes, Hand	19,208	2,021			
	5	Gill Net (runaround)	16,208	35			
	1999	1	Crab Pot	108,545	602		
1999	2	Gill Net Set (sink)	43,544	351			
	3	By Hand	24,605	980			
	4	Rakes, Hand	14,656	1,694			
	5	Gigs	8,571	168			
	2000	1	Crab Pot	123,095	583		
2000	2	Gill Net Set (sink)	49,775	413			
	3	By Hand	31,941	1,286			
	4	Rakes, Hand	15,807	1,500			
	5	Gigs	14,624	260			
	2001	1	Crab Pot	136,093	906		
2001	2	Gill Net Set (sink)	37,484	323			
	3	By Hand	30,137	1,331			

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips	
Masonboro Sound	2001	4	Rakes, Hand	23,472	1,978	
		5	Gill Net (runaround)	13,486	24	
	2002	1	Crab Pot	136,361	766	
		2	Gill Net Set (sink)	34,789	297	
		3	By Hand	22,692	1,044	
		4	Gill Net (drift)	***	14	
		5	Rakes, Hand	15,682	1,461	
	2003	1	Crab Pot	147,885	714	
		2	Gill Net Set (sink)	50,968	326	
		3	By Hand	23,420	1,126	
		4	Gigs	18,601	343	
		5	Rakes, Hand	13,305	1,254	
	2004	1	Crab Pot	116,118	677	
		2	Gill Net Set (sink)	40,242	321	
		3	By Hand	31,553	1,656	
		4	Shrimp Trawl	18,919	130	
		5	Rakes, Hand	13,512	1,397	
	Neuse River	1994	1	Crab Pot	3,446,988	8,235
			2	Crab Trawl	252,762	609
			3	Gill Net Set (float)	212,162	2,282
4			Shrimp Trawl	163,330	585	
5			Gill Net (runaround)	74,374	93	
1995		1	Crab Pot	2,595,361	7,591	
		2	Gill Net Set (float)	234,880	2,093	
		3	Gill Net (runaround)	202,463	390	
		4	Shrimp Trawl	145,156	608	
		5	Gill Net Set (sink)	39,140	115	
1996		1	Crab Pot	5,042,829	9,418	
		2	Gill Net Set (float)	243,932	2,102	
		3	Gill Net (runaround)	236,686	682	
		4	Crab Trawl	214,006	684	
		5	Shrimp Trawl	161,594	488	
1997		1	Crab Pot	4,090,498	10,639	
		2	Crab Trawl	413,577	747	
		3	Gill Net Set (float)	222,276	1,995	
		4	Shrimp Trawl	220,282	857	
		5	Gill Net (runaround)	194,873	657	
1998	1	Crab Pot	3,596,068	10,937		
	2	Crab Trawl	315,584	887		
	3	Gill Net Set (float)	238,606	2,137		
	4	Gill Net (runaround)	233,958	601		
	5	Shrimp Trawl	125,636	442		
1999	1	Crab Pot	4,015,246	8,823		
	2	Crab Trawl	250,337	442		
	3	Shrimp Trawl	246,087	591		
	4	Gill Net Set (float)	234,564	1,990		
	5	Gill Net (runaround)	104,959	373		
2000	1	Crab Pot	1,991,460	6,413		
	2	Gill Net Set (float)	425,091	2,406		

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Neuse River	2000	3	Shrimp Trawl	205,530	497
		4	Gill Net (runaround)	196,972	379
		5	Crab Trawl	48,897	172
	2001	1	Crab Pot	1,525,215	6,589
		2	Gill Net Set (float)	252,510	2,108
		3	Gill Net (runaround)	161,979	350
		4	Gill Net Set (sink)	70,545	147
		5	Crab Trawl	43,638	166
	2002	1	Crab Pot	1,352,170	5,193
		2	Gill Net Set (float)	348,553	2,435
		3	Gill Net (runaround)	311,542	484
		4	Shrimp Trawl	212,875	530
		5	Gill Net Set (sink)	181,821	374
	2003	1	Crab Pot	1,717,506	4,693
		2	Gill Net Set (float)	310,780	2,042
		3	Gill Net (runaround)	228,513	488
		4	Gill Net Set (sink)	177,475	655
		5	Shrimp Trawl	105,129	367
	2004	1	Crab Pot	2,223,255	5,351
		2	Gill Net Set (float)	193,656	1,218
3		Gill Net (runaround)	141,820	263	
4		Gill Net Set (sink)	112,987	646	
5		Shrimp Trawl	89,207	520	
New River	1994	1	Crab Pot	216,629	774
		2	Gill Net Set (float)	117,335	1,479
		3	Gill Net Set (sink)	66,325	547
		4	Shrimp Trawl	63,690	815
		5	Gill Net (runaround)	56,281	229
	1995	1	Crab Pot	302,718	1,063
		2	Shrimp Trawl	170,001	1,191
		3	Gill Net Set (sink)	165,660	1,648
		4	Gill Net Set (float)	136,611	1,581
		5	Gill Net (runaround)	112,822	263
	1996	1	Gill Net Set (sink)	229,612	1,887
		2	Crab Pot	173,922	591
		3	Gill Net Set (float)	120,364	1,145
		4	Gill Net (runaround)	107,445	260
		5	Channel Net	64,597	588
	1997	1	Crab Pot	220,893	894
		2	Gill Net Set (sink)	110,416	1,585
		3	Rakes, Bull	100,245	6,481
		4	Channel Net	89,711	1,124
		5	Shrimp Trawl	83,844	859
1998	1	Crab Pot	274,412	793	
	2	Gill Net Set (sink)	123,865	1,446	
	3	Shrimp Trawl	114,589	579	
	4	Gill Net Set (float)	96,356	958	
	5	Rakes, Bull	95,586	6,035	
1999	1	Crab Pot	281,433	779	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
New River	1999	2	Channel Net	129,428	1,455
		3	Gill Net Set (sink)	125,483	1,528
		4	Gill Net Set (float)	87,418	715
		5	Shrimp Trawl	84,466	776
		2000	1	Crab Pot	365,641
	2000	2	Channel Net	202,506	1,386
		3	Shrimp Trawl	179,983	672
		4	Skimmer Trawl	158,594	616
		5	Gill Net Set (sink)	114,878	1,213
		2001	1	Crab Pot	313,862
	2001	2	Channel Net	225,556	1,174
		3	Gill Net Set (float)	78,556	542
		4	Gill Net Set (sink)	76,040	784
		5	By Hand	63,386	4,110
		2002	1	Crab Pot	227,531
	2002	2	Channel Net	226,383	1,262
		3	Skimmer Trawl	174,792	832
		4	Gill Net Set (sink)	108,916	997
		5	Shrimp Trawl	97,710	453
		2003	1	Crab Pot	274,919
	2003	2	Channel Net	102,352	835
		3	Gill Net Set (float)	95,100	660
		4	Skimmer Trawl	91,144	567
		5	Gill Net Set (sink)	88,755	937
		2004	1	Crab Pot	205,251
2004	2	Skimmer Trawl	82,769	432	
	3	Gill Net Set (float)	78,115	464	
	4	Gill Net Set (sink)	74,922	669	
	5	Channel Net	64,169	570	
	Newport River	1994	1	Crab Pot	386,021
2			Skimmer Trawl	122,954	618
3			Shrimp Trawl	41,447	395
4			Tongs, Hand	27,691	1,178
5			By Hand	19,383	1,128
1995		1	Crab Pot	336,724	1,346
		2	Skimmer Trawl	212,897	704
		3	Shrimp Trawl	56,574	265
		4	Tongs, Hand	39,196	1,488
		5	By Hand	23,063	1,276
1996		1	Crab Pot	350,731	1,018
		2	Skimmer Trawl	86,824	487
		3	Shrimp Trawl	39,004	320
		4	Tongs, Hand	27,977	1,429
		5	Rakes, Hand	27,279	2,119
1997		1	Crab Pot	395,109	1,056
		2	Skimmer Trawl	169,481	986
		3	Gill Net Set (sink)	50,670	213
		4	Shrimp Trawl	43,968	334
		5	Rakes, Hand	28,648	2,286

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Newport River	1998	1	Crab Pot	453,543	1,187
		2	Skimmer Trawl	56,136	298
		3	Rakes, Hand	30,770	2,285
		4	Tongs, Hand	24,762	827
		5	By Hand	24,709	994
	1999	1	Crab Pot	386,966	1,016
		2	Skimmer Trawl	218,339	762
		3	Shrimp Trawl	79,906	461
		4	Gill Net Set (sink)	29,432	150
		5	Rakes, Hand	24,476	1,637
	2000	1	Crab Pot	253,014	1,052
		2	Skimmer Trawl	186,615	744
		3	Shrimp Trawl	46,527	215
		4	Gill Net Set (sink)	26,400	200
		5	Rakes, Hand	22,052	1,629
	2001	1	Crab Pot	227,835	928
		2	Skimmer Trawl	142,606	682
		3	Shrimp Trawl	34,100	214
		4	Gill Net (runaround)	28,116	64
		5	Tongs, Hand	27,773	1,054
	2002	1	Skimmer Trawl	240,879	1,191
		2	Crab Pot	214,904	688
		3	Gill Net (runaround)	61,952	110
		4	Shrimp Trawl	49,951	215
		5	Tongs, Hand	29,313	1,262
2003	1	Crab Pot	260,218	455	
	2	Skimmer Trawl	118,680	713	
	3	Tongs, Hand	27,940	915	
	4	Gill Net Set (sink)	19,817	104	
	5	Gill Net (runaround)	***	56	
2004	1	Crab Pot	248,279	502	
	2	Skimmer Trawl	108,650	629	
	3	Gill Net (runaround)	***	52	
	4	Tongs, Hand	31,875	1,249	
	5	By Hand	14,440	720	
North River/Back Sound	1994	1	Crab Pot	99,204	386
		2	Rakes, Hand	58,356	1,162
		3	Shrimp Trawl	55,437	568
		4	Skimmer Trawl	47,079	250
		5	By Hand	28,774	1,938
	1995	1	Skimmer Trawl	124,737	453
		2	By Hand	86,423	2,261
		3	Shrimp Trawl	52,656	289
		4	Crab Pot	41,253	153
		5	Haul Seine	39,421	6
	1996	1	Crab Pot	60,591	95
		2	Skimmer Trawl	25,480	163
		3	Shrimp Trawl	20,239	169
4		By Hand	16,709	1,142	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
North River/Back Sound	1996	5	Channel Net	12,116	109
		1	Crab Pot	63,198	131
	1997	2	Skimmer Trawl	57,481	464
		3	Channel Net	18,085	142
		4	Shrimp Trawl	17,464	158
		5	Gill Net Set (sink)	15,675	105
		1	Crab Pot	200,584	480
	1998	2	Gill Net (runaround)	26,259	31
		3	Rakes, Hand	19,077	1,194
		4	Shrimp Trawl	14,553	153
		5	Skimmer Trawl	13,513	99
		1	Skimmer Trawl	127,019	274
	1999	2	Crab Pot	41,305	105
		3	Channel Net	17,259	95
		4	Shrimp Trawl	17,207	121
		5	By Hand	10,038	600
		1	Skimmer Trawl	133,058	368
	2000	2	Shrimp Trawl	68,687	300
		3	Crab Pot	19,596	44
		4	Channel Net	14,842	82
		5	By Hand	9,817	653
		1	Skimmer Trawl	55,792	273
	2001	2	Crab Pot	39,989	115
		3	Gill Net Set (sink)	15,322	78
		4	Shrimp Trawl	12,159	111
		5	By Hand	7,916	589
		1	Skimmer Trawl	161,162	408
	2002	2	Crab Pot	39,093	150
		3	Channel Net	20,848	121
		4	By Hand	9,176	700
		5	Gill Net Set (float)	8,841	37
1		Crab Pot	113,751	308	
2003	2	Skimmer Trawl	88,414	366	
	3	Channel Net	16,848	130	
	4	Shrimp Trawl	13,331	49	
	5	Gill Net Set (sink)	12,368	149	
	1	Crab Pot	119,209	282	
2004	2	Haul Seine	***	15	
	3	Skimmer Trawl	90,971	449	
	4	Channel Net	28,327	239	
	5	By Hand	20,933	854	
	Ocean 0-3 mi, N of Cape Hatteras	1995	1	Flynet	520,567
2			Gill Net Set (sink)	338,247	209
3			Flounder Trawl	215,117	30
4			Shrimp Trawl	79,533	34
5			Beach Seine	23,021	19
1996		1	Gill Net Set (sink)	1,800,008	597
		2	Flynet	1,760,567	42
		3	Flounder Trawl	375,272	31

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Ocean 0-3 mi, N of Cape Hatteras	1996	4	Beach Seine	336,568	301
		5	Shrimp Trawl	15,275	19
	1997	1	Gill Net Set (sink)	3,957,708	1,447
		2	Flynet	1,637,315	105
		3	Purse Seine	***	1
		4	Beach Seine	489,271	482
		5	Flounder Trawl	54,479	7
	1998	1	Gill Net Set (sink)	3,968,992	1,671
		2	Purse Seine	***	3
		3	Flynet	932,190	68
		4	Flounder Trawl	721,483	117
		5	Beach Seine	576,076	631
	1999	1	Gill Net Set (sink)	4,144,282	1,585
		2	Flynet	1,329,702	40
		3	Flounder Trawl	1,061,631	134
		4	Beach Seine	424,113	464
		5	Shrimp Trawl	8,892	5
	2000	1	Gill Net Set (sink)	3,444,670	1,055
		2	Flynet	1,218,152	34
		3	Flounder Trawl	972,755	102
		4	Beach Seine	366,553	444
		5	Shrimp Trawl	40,663	12
	2001	1	Purse Seine	***	11
		2	Gill Net Set (sink)	2,948,255	1,158
		3	Flynet	908,055	107
		4	Flounder Trawl	386,541	78
		5	Beach Seine	228,774	332
	2002	1	Gill Net Set (sink)	2,352,584	864
		2	Purse Seine	***	1
		3	Flounder Trawl	769,494	131
4		Flynet	350,347	38	
5		Beach Seine	296,073	390	
2003	1	Gill Net Set (sink)	1,629,933	760	
	2	Flynet	791,055	56	
	3	Flounder Trawl	525,031	62	
	4	Beach Seine	86,919	95	
	5	Trolling	12,497	30	
2004	1	Gill Net Set (sink)	1,053,527	691	
	2	Flynet	834,774	106	
	3	Gill Net Set, < 5 in. mesh	601,313	250	
	4	Beach Seine	307,212	303	
	5	Gill Net Set, >= 5 in. mesh	262,823	148	
Ocean 0-3 mi, S of Cape Hatteras	1995	1	Gill Net Set (sink)	737,204	715
		2	Shrimp Trawl	396,241	661
		3	Purse Seine	***	1
		4	Gill Net Set (float)	54,048	29
		5	Flounder Trawl	53,676	20
	1996	1	Gill Net Set (sink)	5,995,329	2,673
		2	Purse Seine	***	5

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (*) indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Ocean 0-3 mi, S of Cape Hatteras	1996	3	Shrimp Trawl	1,813,878	2,233
		4	Flounder Trawl	338,604	61
		5	Beach Seine	74,155	109
	1997	1	Purse Seine	***	44
		2	Gill Net Set (sink)	5,443,830	3,882
		3	Shrimp Trawl	1,189,430	2,529
		4	Flounder Trawl	270,467	57
		5	Beach Seine	267,347	170
	1998	1	Purse Seine	***	20
		2	Gill Net Set (sink)	5,726,908	3,643
		3	Shrimp Trawl	1,579,132	2,820
		4	Flounder Trawl	246,502	50
		5	Beach Seine	170,133	49
	1999	1	Gill Net Set (sink)	3,877,005	3,393
		2	Shrimp Trawl	2,714,812	3,839
		3	Purse Seine	***	5
		4	Beach Seine	94,954	60
		5	Haul Seine	***	10
	2000	1	Purse Seine	***	72
		2	Gill Net Set (sink)	3,805,707	3,705
		3	Shrimp Trawl	1,593,464	2,998
		4	Beach Seine	429,037	377
		5	Gill Net (runaround)	62,784	55
	2001	1	Purse Seine	***	53
		2	Gill Net Set (sink)	4,728,902	4,300
		3	Shrimp Trawl	1,208,103	2,654
		4	Beach Seine	162,598	149
		5	Flounder Trawl	122,767	26
	2002	1	Purse Seine	***	82
		2	Gill Net Set (sink)	2,699,918	3,753
3		Shrimp Trawl	1,378,637	2,595	
4		Beach Seine	354,903	167	
5		Trolling	140,925	484	
2003	1	Purse Seine	***	59	
	2	Gill Net Set (sink)	2,213,604	3,347	
	3	Shrimp Trawl	2,088,731	2,809	
	4	Gill Net (runaround)	74,481	58	
	5	Beach Seine	28,535	30	
2004	1	Purse Seine	***	64	
	2	Gill Net Set (sink)	2,382,512	2,469	
	3	Shrimp Trawl	1,693,342	2,781	
	4	Gill Net Set, < 5 in. mesh	652,603	933	
	5	Gill Net Set, >= 5 in. mesh	240,084	230	
Ocean >3 mi, N of Cape Hatteras	1995	1	Flynet	848,839	24
		2	Longline Surface	***	132
		3	Trolling	344,856	334
		4	Flounder Trawl	200,019	32
		5	Gill Net Set (sink)	74,095	32
	1996	1	Flynet	4,211,118	156

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Ocean >3 mi, N of Cape Hatteras	1996	2	Gill Net Set (sink)	3,968,411	721
		3	Flounder Trawl	1,914,363	147
		4	Longline Surface	1,215,213	277
		5	Trolling	786,168	1,136
		1997	1	Flynet	5,225,332
	2		Gill Net Set (sink)	3,895,461	1,088
	3		Longline Surface	1,018,723	255
	4		Trolling	649,001	1,125
	5		Flounder Trawl	307,277	34
	1998	1	Gill Net Set (sink)	3,803,036	1,126
		2	Flynet	3,400,225	153
		3	Flounder Trawl	1,067,575	165
		4	Longline Surface	953,295	173
		5	Trolling	517,361	900
	1999	1	Flynet	5,044,059	136
		2	Gill Net Set (sink)	4,371,679	1,137
		3	Flounder Trawl	2,007,044	274
		4	Longline Surface	866,448	134
		5	Longline Shark	628,241	133
	2000	1	Gill Net Set (sink)	6,431,371	1,217
		2	Flynet	5,239,946	125
		3	Flounder Trawl	3,140,905	326
		4	Longline Surface	1,018,386	150
		5	Trolling	619,395	790
	2001	1	Flynet	5,901,240	137
		2	Gill Net Set (sink)	4,312,862	875
		3	Flounder Trawl	2,811,148	350
		4	Longline Surface	1,155,891	208
		5	Trolling	688,554	960
	2002	1	Flynet	5,826,917	156
2		Flounder Trawl	4,197,492	522	
3		Gill Net Set (sink)	3,713,432	697	
4		Purse Seine	***	1	
5		Longline Surface	781,789	212	
2003	1	Flynet	9,749,942	199	
	2	Gill Net Set (sink)	4,819,403	873	
	3	Flounder Trawl	4,344,390	395	
	4	Longline Surface	750,265	168	
	5	Trolling	285,242	371	
2004	1	Flynet	9,814,307	216	
	2	Flounder Trawl	5,991,182	464	
	3	Gill Net Set (sink)	3,508,810	556	
	4	Longline Surface	980,776	181	
	5	Gill Net Set, >= 5 in. mesh	792,628	187	
Ocean >3 mi, S of Cape Hatteras	1994	1	Gill Net Set (sink)	***	1
	1995	1	Gill Net Set (sink)	46,161	40
		2	Trolling	45,975	143
		3	Shrimp Trawl	21,183	44
4		Rod-n-Reel	15,590	42	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Ocean >3 mi, S of Cape Hatteras	1995	5	Flounder Trawl	***	1
		1996	1	Gill Net Set (sink)	1,493,960
		2	Rod-n-Reel	1,265,186	1,976
		3	Flounder Trawl	498,684	46
		4	Fish Pot	318,226	454
		5	Trolling	314,547	883
	1997	1	Gill Net Set (sink)	2,088,251	682
		2	Rod-n-Reel	1,529,601	2,869
		3	Purse Seine	***	1
		4	Trolling	810,142	2,032
		5	Flounder Trawl	608,812	68
	1998	1	Gill Net Set (sink)	3,243,387	917
		2	Rod-n-Reel	1,964,097	3,441
		3	Flounder Trawl	1,316,919	159
		4	Trolling	774,077	2,015
		5	Shrimp Trawl	422,872	355
	1999	1	Rod-n-Reel	1,869,342	3,030
		2	Gill Net Set (sink)	1,562,494	751
		3	Trolling	959,757	2,722
		4	Longline Surface	759,059	105
		5	Longline Shark	428,957	96
	2000	1	Purse Seine	***	2
		2	Rod-n-Reel	1,637,772	2,663
		3	Trolling	1,034,015	3,497
		4	Gill Net Set (sink)	778,608	321
		5	Longline Shark	694,714	122
	2001	1	Rod-n-Reel	1,629,769	2,817
		2	Gill Net Set (sink)	1,185,402	492
		3	Trolling	844,228	3,157
		4	Longline Shark	544,536	119
		5	Longline Surface	527,665	59
	2002	1	Rod-n-Reel	1,776,180	3,158
2		Gill Net Set (sink)	1,043,605	392	
3		Trolling	743,588	2,783	
4		Longline Shark	601,547	112	
5		Purse Seine	***	1	
2003	1	Rod-n-Reel	1,553,569	2,884	
	2	Gill Net Set (sink)	1,238,754	504	
	3	Trolling	777,959	2,493	
	4	Longline Surface	588,144	66	
	5	Longline Shark	526,694	100	
2004	1	Rod-n-Reel	1,462,321	2,590	
	2	Trolling	1,158,168	3,621	
	3	Longline Surface	699,804	86	
	4	Gill Net Set (sink)	489,111	251	
	5	Fish Pot	476,199	667	
Ocean less than 3 miles	1994	1	Purse Seine	***	121
		2	Gill Net Set (sink)	8,203,984	5,419
		3	Shrimp Trawl	1,500,917	3,635

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips	
Ocean less than 3 miles	1994	4	Beach Seine	974,784	839	
		5	Flynet	796,836	33	
	1995	1	Purse Seine	***	76	
		2	Gill Net Set (sink)	8,554,385	5,083	
		3	Shrimp Trawl	1,632,096	3,076	
		4	Flynet	1,302,610	42	
		5	Beach Seine	942,891	885	
	1996	1	Purse Seine	***	73	
		2	Gill Net Set (sink)	5,797,300	2,875	
		3	Beach Seine	421,239	458	
		4	Shrimp Trawl	392,888	718	
		5	Flounder Trawl	298,546	20	
	1997	1	Purse Seine	***	79	
		2	Gill Net Set (sink)	2,120,510	1,650	
		3	Flynet	1,092,135	47	
		4	Shrimp Trawl	407,589	442	
		5	Beach Seine	386,993	424	
	1998	1	Purse Seine	***	64	
		2	Flynet	942,061	35	
		3	Gill Net Set (sink)	539,798	734	
		4	Shrimp Trawl	354,594	390	
		5	Flounder Trawl	272,317	37	
	1999	1	Purse Seine	***	49	
		2	Flynet	***	7	
		3	Gill Net Set (sink)	174,272	382	
		4	Flounder Trawl	82,754	17	
		5	Shrimp Trawl	82,048	95	
	2000	1	Gill Net Set (sink)	***	25	
		2	Rod-n-Reel	***	5	
	2001	1	Conch Pot	***	7	
2		Crab Pot	***	27		
2002	1	Crab Pot	***	42		
2003	1	Crab Pot	9,088	79		
2004	1	Crab Pot	7,073	90		
Ocean more than 3 miles	1994	1	Gill Net Set (sink)	7,542,956	1,817	
		2	Flynet	5,141,841	216	
		3	Flounder Trawl	4,428,465	453	
		4	Rod-n-Reel	2,504,240	5,545	
		5	Longline Shark	1,997,801	502	
	1995	1	Gill Net Set (sink)	8,163,141	2,004	
		2	Flounder Trawl	4,697,314	390	
		3	Flynet	3,480,752	162	
		4	Rod-n-Reel	2,487,419	4,728	
		5	Longline Shark	1,960,144	425	
	1996	1	Gill Net Set (sink)	6,206,664	1,142	
		2	Flounder Trawl	1,196,829	104	
	Ocean more than 3 miles		3	Rod-n-Reel	813,672	1,686
			4	Flynet	704,171	29
			5	Trolling	434,343	1,197

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips	
Ocean more than 3 miles	1997	1	Flynet	2,198,946	78	
		2	Gill Net Set (sink)	1,673,730	320	
		3	Rod-n-Reel	668,426	1,080	
		4	Flounder Trawl	533,718	54	
		5	Trolling	351,265	844	
	1998	1	Flounder Trawl	810,698	125	
		2	Flynet	673,074	30	
		3	Gill Net Set (sink)	225,889	64	
		4	Rod-n-Reel	123,034	314	
		5	Trolling	122,203	290	
	1999	1	Flynet	***	10	
		2	Flounder Trawl	306,277	51	
		3	Longline Surface	***	6	
		4	Rod-n-Reel	24,211	64	
		5	Trolling	14,791	35	
	2004	1	Longline Shark	***	1	
		1994	1	Crab Pot	6,986,544	22,489
	Pamlico River	1994	2	Crab Trawl	658,483	1,512
			3	Gill Net Set (float)	137,072	1,493
			4	Pound Net	124,753	232
5			Gill Net Set (sink)	107,739	1,243	
1995			1	Crab Pot	5,407,785	19,613
		2	Gill Net Set (float)	245,877	1,879	
		3	Crab Trawl	181,577	753	
		4	Gill Net Set (sink)	120,724	1,236	
		5	Gill Net (runaround)	79,557	80	
1996		1	Crab Pot	7,750,874	16,552	
		2	Crab Trawl	509,954	629	
		3	Gill Net Set (float)	183,827	1,503	
		4	Gill Net Set (sink)	93,192	957	
		5	Clam Dredge	***	15	
1997		1	Crab Pot	7,470,503	18,696	
		2	Crab Trawl	428,377	910	
		3	Gill Net Set (float)	152,683	1,195	
		4	Gill Net Set (sink)	115,275	1,124	
		5	Shrimp Trawl	52,285	122	
1998		1	Crab Pot	6,115,301	19,222	
	2	Crab Trawl	592,220	1,190		
	3	Gill Net Set (float)	191,119	1,264		
	4	Gill Net Set (sink)	139,439	1,134		
	5	Gill Net (runaround)	37,080	93		
1999	1	Crab Pot	7,180,800	15,706		
	2	Crab Trawl	500,833	948		
	3	Gill Net Set (sink)	154,227	1,294		
	4	Gill Net Set (float)	131,149	894		
	5	Shrimp Trawl	48,373	73		
2000	1	Crab Pot	3,632,894	11,724		
	2	Gill Net Set (sink)	197,031	1,204		
	3	Gill Net Set (float)	135,525	1,032		

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (*) indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Pamlico River	2000	4	Crab Trawl	121,906	360
		5	Gill Net (runaround)	72,059	113
	2001	1	Crab Pot	2,058,594	11,008
		2	Gill Net Set (sink)	190,673	1,424
		3	Gill Net (runaround)	131,236	222
		4	Gill Net Set (float)	108,291	728
		5	Crab Trawl	45,947	283
	2002	1	Crab Pot	2,967,590	8,990
		2	Gill Net Set (sink)	235,570	1,489
		3	Gill Net Set (float)	139,960	1,007
		4	Shrimp Trawl	104,179	97
		5	Gill Net (runaround)	60,588	166
	2003	1	Crab Pot	3,311,663	9,558
		2	Gill Net Set (sink)	171,457	1,366
		3	Gill Net Set (float)	170,097	1,350
		4	Crab Trawl	147,144	311
		5	Gill Net (runaround)	100,598	193
	2004	1	Crab Pot	3,806,112	9,551
		2	Gill Net (runaround)	101,488	128
		3	Gill Net Set, >= 5 in. mesh	90,182	910
4		Crab Trawl	80,126	227	
5		Gill Net Set (sink)	74,270	719	
Pamlico Sound	1994	1	Crab Pot	16,197,660	29,271
		2	Shrimp Trawl	4,365,621	3,688
		3	Pound Net	1,663,076	2,069
		4	Gill Net Set (sink)	1,174,424	5,786
		5	Haul Seine	827,710	306
	1995	1	Crab Pot	8,355,574	24,955
		2	Shrimp Trawl	4,429,817	4,172
		3	Pound Net	1,733,718	2,552
		4	Gill Net Set (sink)	1,151,148	7,712
		5	Haul Seine	856,100	346
	1996	1	Crab Pot	11,897,136	21,847
		2	Shrimp Trawl	2,142,909	1,964
		3	Pound Net	1,668,386	2,389
		4	Crab Trawl	1,380,171	1,226
		5	Haul Seine	1,149,314	427
	1997	1	Crab Pot	17,521,571	32,861
		2	Shrimp Trawl	3,936,018	3,170
		3	Pound Net	1,813,842	2,512
		4	Gill Net Set (sink)	1,745,863	8,452
		5	Crab Trawl	1,553,759	993
1998	1	Crab Pot	20,552,415	36,963	
	2	Gill Net Set (sink)	2,061,515	7,795	
	3	Pound Net	1,722,591	1,989	
	4	Shrimp Trawl	1,270,421	1,295	
	5	Crab Trawl	1,209,607	966	
1999	1	Crab Pot	18,088,320	32,241	
	2	Shrimp Trawl	4,079,025	3,158	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips	
Pamlico Sound	1999	3	Gill Net Set (sink)	1,784,983	8,833	
		4	Pound Net	1,145,131	1,400	
		5	Crab Trawl	663,991	750	
	2000	1	Crab Pot	9,314,934	26,073	
		2	Shrimp Trawl	6,865,084	4,068	
		3	Gill Net Set (sink)	1,209,286	7,251	
		4	Pound Net	1,013,361	1,353	
		5	Haul Seine	675,099	209	
	2001	1	Crab Pot	7,105,890	23,133	
		2	Shrimp Trawl	3,015,507	2,804	
		3	Gill Net Set (sink)	1,595,590	6,220	
		4	Pound Net	1,314,300	1,507	
		5	Crab Trawl	707,787	644	
	2002	1	Shrimp Trawl	6,321,017	3,653	
		2	Crab Pot	4,424,683	12,566	
		3	Pound Net	1,440,235	1,406	
		4	Gill Net Set (sink)	1,347,836	5,148	
		5	Crab Trawl	983,071	441	
	2003	1	Crab Pot	10,175,701	16,814	
		2	Shrimp Trawl	2,116,537	1,280	
		3	Gill Net Set (sink)	1,150,440	4,421	
		4	Crab Trawl	955,103	425	
		5	Gill Net Set (float)	575,630	2,545	
	2004	1	Crab Pot	8,089,662	16,460	
		2	Shrimp Trawl	2,186,504	1,949	
		3	Crab Trawl	570,725	485	
		4	Pound Net	519,424	908	
		5	Gill Net Set (sink)	498,140	1,637	
	Pasquotank River	1994	1	Crab Pot	256,958	441
			2	Fish Pot	***	6
3			Gill Net Set (sink)	19,150	201	
4			Gill Net Set (float)	4,264	40	
5			Gill Net (runaround)	***	2	
1995		1	Crab Pot	179,450	418	
		2	Gill Net Set (sink)	24,357	240	
		3	Fish Pot	***	4	
		4	Gill Net Set (float)	5,901	115	
		5	Pound Net	2,693	5	
1996		1	Crab Pot	113,079	394	
		2	Gill Net Set (sink)	37,967	331	
		3	Gill Net Set (float)	5,337	31	
		4	Eel Pot	***	20	
		5	Fish Pot	***	1	
1997		1	Crab Pot	33,144	111	
		2	Gill Net Set (sink)	24,119	247	
		3	Fyke Net	***	7	
		4	Fish Pot	***	5	
		5	Gill Net Set (float)	***	9	
1998	1	Fyke Net	***	11		

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips	
Pasquotank River	1998	2	Gill Net Set (sink)	31,220	297	
		3	Crab Pot	22,199	78	
		4	Eel Pot	***	15	
		5	Gill Net Set (float)	***	7	
		1999	1	Gill Net Set (sink)	69,275	427
	1999	2	Crab Pot	20,678	224	
		3	Gill Net Set (float)	***	38	
		4	Peeler Pot	***	32	
		5	Fish Pot	***	2	
		2000	1	Gill Net Set (sink)	23,706	230
	2000	2	Crab Pot	8,624	93	
		3	Peeler Pot	***	22	
		4	Gill Net Set (float)	***	13	
		5	Fyke Net	***	7	
		2001	1	Crab Pot	47,347	272
	2001	2	Gill Net Set (sink)	36,292	330	
		3	Pound Net	15,020	83	
		4	Peeler Pot	***	29	
		5	Fyke Net	***	16	
		2002	1	Crab Pot	44,466	135
	2002	2	Gill Net Set (sink)	24,856	170	
		3	Pound Net	***	32	
		4	Eel Pot	***	32	
		5	Peeler Pot	***	13	
		2003	1	Crab Pot	12,300	13
	2003	2	Gill Net Set (sink)	4,635	27	
		3	Peeler Pot	***	3	
		4	Pound Net	***	1	
		5	Gill Net Set (float)	***	2	
		2004	1	Peeler Pot	***	7
Perquimans River	1994	2	Crab Pot	1,183	2	
		3	Eel Pot	***	18	
		4	Gill Net Set (sink)	***	1	
		1994	1	Crab Pot	61,250	231
		2	Fyke Net	***	80	
	1994	3	Pound Net	***	54	
		4	Gill Net Set (sink)	7,596	55	
		5	Fish Pot	***	10	
		1995	1	Crab Pot	39,548	85
		1995	2	Pound Net	***	75
	3		Fyke Net	***	39	
	4		Gill Net Set (sink)	5,281	49	
	5		Fish Pot	***	5	
	1996		1	Pound Net	***	107
	1996	2	Crab Pot	9,571	12	
3		Fyke Net	***	9		
4		Gill Net Set (sink)	7,245	41		
5		Gill Net Set (float)	6,427	36		
1997		1	Pound Net	***	91	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Perquimans River	1997	2	Gill Net Set (float)	7,094	51
		3	Gill Net Set (sink)	5,780	53
		4	Fyke Net	***	3
		5	Fish Pot	***	2
		1998	1	Fyke Net	22,773
	1998	2	Pound Net	***	52
		3	Gill Net Set (sink)	10,154	55
		4	Gill Net Set (float)	942	5
		5	Fish Pot	***	1
		1999	1	Fyke Net	20,047
	1999	2	Pound Net	***	20
		3	Gill Net Set (sink)	2,190	14
		4	Gill Net Set (float)	***	15
		5	Crab Pot	***	3
		2000	1	Pound Net	14,734
	2000	2	Fyke Net	10,833	35
		3	Gill Net Set (sink)	8,061	37
		4	Gill Net Set (float)	1,417	13
		5	Crab Pot	***	3
		2001	1	Pound Net	22,976
	2001	2	Fyke Net	12,232	25
		3	Gill Net Set (sink)	7,908	32
		4	Crab Pot	***	10
		5	Eel Pot	***	9
		2002	1	Pound Net	30,952
	2002	2	Crab Pot	15,077	47
		3	Gill Net Set (sink)	10,623	49
		4	Fyke Net	8,935	37
		5	Gill Net Set (float)	3,822	17
		2003	1	Pound Net	47,024
2003	2	Fyke Net	***	52	
	3	Gill Net Set (sink)	12,209	47	
	4	Crab Pot	***	9	
	5	Gill Net Set (float)	***	4	
	2004	1	Pound Net	19,975	56
2004	2	Fyke Net	13,313	44	
	3	Gill Net Set (sink)	***	41	
	4	Gill Net Set (float)	***	29	
	5	Eel Pot	***	25	
	Pungo River	1995	1	Crab Pot	527,922
2			Crab Trawl	***	57
3			Pound Net	***	29
4			Gill Net Set (float)	3,291	35
5			Eel Pot	***	3
1996		1	Crab Pot	1,985,119	5,189
		2	Crab Trawl	278,063	599
		3	Gill Net Set (float)	22,494	185
		4	Gill Net Set (sink)	12,957	57
		5	Pound Net	***	10

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Pungo River	1997	1	Crab Pot	2,220,812	6,497
		2	Crab Trawl	312,222	960
		3	Gill Net Set (float)	26,680	261
		4	Gill Net Set (sink)	20,682	102
		5	Pound Net	17,960	48
	1998	1	Crab Pot	1,294,667	5,177
		2	Crab Trawl	421,838	1,247
		3	Gill Net Set (sink)	17,121	63
		4	Gill Net Set (float)	11,912	130
		5	Fish Pot	***	5
	1999	1	Crab Pot	1,945,657	5,174
		2	Crab Trawl	210,892	624
		3	Gill Net Set (sink)	18,201	107
		4	Gill Net Set (float)	14,439	156
		5	Shrimp Trawl	8,152	13
	2000	1	Crab Pot	1,941,086	6,066
		2	Crab Trawl	223,498	741
		3	Gill Net Set (float)	100,089	1,038
		4	Gill Net Set (sink)	33,706	109
		5	Trotline	***	96
	2001	1	Crab Pot	794,717	5,191
		2	Crab Trawl	85,923	653
		3	Gill Net Set (float)	80,719	644
		4	Pound Net	***	63
		5	Gill Net Set (sink)	23,492	154
	2002	1	Crab Pot	1,416,904	4,942
		2	Gill Net Set (float)	61,455	580
		3	Trotline	44,312	172
		4	Crab Trawl	22,605	128
		5	Gill Net Set (sink)	13,647	61
2003	1	Crab Pot	1,293,157	4,544	
	2	Crab Trawl	149,575	417	
	3	Gill Net Set (float)	91,850	589	
	4	Gill Net Set (sink)	11,642	66	
	5	Eel Pot	***	25	
2004	1	Crab Pot	1,268,592	4,470	
	2	Crab Trawl	85,657	306	
	3	Gill Net Set (float)	53,166	582	
	4	Fish Pot	***	14	
	5	Gill Net Set, < 5 in. mesh	10,765	80	
Roanoke River	1994	1	Fish Pot	***	64
		2	Fyke Net	***	5
		3	Pound Net	***	14
		4	Gill Net Set (sink)	2,579	25
		5	Gill Net (drift)	***	24
	1995	1	Fish Pot	***	19
		2	Pound Net	***	14
		3	Gill Net (drift)	***	11
		4	Gill Net Set (sink)	***	1

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Roanoke River	1995	5	Gill Net Set (float)	***	1
		1996	1	Pound Net	54,090
		2	Fish Pot	***	19
		3	Gill Net Set (sink)	7,337	6
		4	Eel Pot	***	3
		5	Trotline	***	5
	1997	1	Fyke Net	***	14
		2	Fish Pot	***	10
		3	Pound Net	***	15
		4	Eel Pot	***	4
		5	Trotline	***	4
	1998	1	Pound Net	***	26
		2	Fyke Net	***	13
		3	Trotline	***	15
		4	Fish Pot	***	2
		5	Gill Net Set (sink)	***	4
	1999	1	Pound Net	11,135	19
		2	Gill Net (drift)	***	12
		3	Fyke Net	***	1
		4	Trotline	***	1
	2000	1	Fyke Net	***	34
		2	Pound Net	***	13
		3	Trotline	***	11
		4	Gill Net (drift)	***	8
		5	Turtle Pot	***	1
	2001	1	Fyke Net	***	38
		2	Pound Net	***	20
		3	Gill Net Set (sink)	***	2
	2002	1	Pound Net	***	37
		2	Fyke Net	***	16
		3	Gill Net (drift)	***	4
	2003	1	Fyke Net	***	47
		2	Crab Pot	***	1
2004	1	Fyke Net	***	55	
	2	Trotline	***	15	
	3	Pound Net	***	55	
	4	Fish Pot	***	1	
	5	Crab Pot	***	1	
Roanoke Sound	1994	1	Crab Pot	1,049,734	4,482
		2	Gill Net Set (sink)	60,950	683
		3	Shrimp Trawl	15,148	256
		4	Crab Trawl	6,561	69
		5	Gill Net (runaround)	6,502	23
	1995	1	Crab Pot	1,119,686	4,543
		2	Gill Net Set (sink)	84,468	770
		3	Gill Net (runaround)	8,801	33
		4	Gill Net Set (float)	7,072	141
		5	Shrimp Trawl	6,594	100
	1996	1	Crab Pot	1,221,209	4,550

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Roanoke Sound	1996	2	Crab Trawl	72,805	114
		3	Gill Net Set (sink)	66,429	868
		4	Gill Net (runaround)	21,248	110
		5	Shrimp Trawl	19,710	255
		1997	1	Crab Pot	1,314,107
	2		Gill Net Set (sink)	78,697	835
	3		Peeler Pot	36,196	556
	4		Gill Net (runaround)	21,895	122
	5		Crab Trawl	12,683	84
	1998	1	Crab Pot	1,137,752	3,886
		2	Peeler Pot	187,588	1,757
		3	Gill Net Set (sink)	86,296	908
		4	Gill Net (runaround)	25,989	115
		5	Pound Net	***	9
	1999	1	Crab Pot	1,346,349	4,571
		2	Peeler Pot	145,016	1,830
		3	Gill Net Set (sink)	122,228	1,246
		4	Gill Net (runaround)	21,747	65
		5	Haul Seine	5,519	14
	2000	1	Crab Pot	1,000,529	3,918
		2	Peeler Pot	174,433	1,702
		3	Gill Net Set (sink)	100,789	1,323
		4	Gill Net (runaround)	16,371	53
		5	Shrimp Trawl	9,064	140
	2001	1	Crab Pot	1,966,646	6,429
		2	Peeler Pot	189,649	2,007
		3	Gill Net Set (sink)	172,279	2,148
		4	Gill Net (runaround)	35,068	86
		5	Crab Trawl	25,378	55
	2002	1	Crab Pot	1,628,903	5,279
2		Gill Net Set (sink)	176,629	1,543	
3		Peeler Pot	112,563	1,893	
4		Shrimp Trawl	35,164	385	
5		Crab Dredge	***	9	
2003	1	Crab Pot	2,225,545	5,325	
	2	Gill Net Set (sink)	121,991	992	
	3	Haul Seine	***	31	
	4	Peeler Pot	96,579	1,244	
	5	Pound Net	6,955	26	
2004	1	Crab Pot	771,859	2,482	
	2	Peeler Pot	176,052	1,266	
	3	Haul Seine	142,177	50	
	4	Gill Net Set, < 5 in. mesh	83,632	457	
	5	Gill Net Set, >= 5 in. mesh	52,503	516	
Shalotte River	1994	1	Rakes, Hand	46,877	4,284
		2	By Hand	25,618	1,034
		3	Gill Net Set (sink)	15,822	82
		4	Crab Pot	14,760	75
		5	Rakes, Bull	10,586	1,120

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Shalotte River	1995	1	Rakes, Hand	29,555	2,810
		2	By Hand	28,764	1,126
		3	Crab Pot	16,839	102
		4	Rakes, Bull	10,875	1,228
		5	Gill Net Set (sink)	4,985	60
	1996	1	By Hand	36,886	1,435
		2	Rakes, Hand	32,056	3,080
		3	Crab Pot	18,444	184
		4	Gill Net Set (sink)	8,565	115
		5	Rakes, Bull	8,183	952
	1997	1	By Hand	48,027	1,667
		2	Rakes, Hand	33,964	3,217
		3	Crab Pot	16,075	195
		4	Rakes, Bull	11,574	1,301
		5	Gill Net Set (sink)	10,014	168
	1998	1	Rakes, Hand	26,425	1,827
		2	By Hand	22,923	1,016
		3	Crab Pot	12,365	188
		4	Rakes, Bull	11,154	1,114
		5	Gill Net Set (sink)	9,517	207
	1999	1	By Hand	19,060	932
		2	Rakes, Hand	17,995	1,459
		3	Gill Net Set (sink)	14,637	180
		4	Rakes, Bull	11,423	1,246
		5	Crab Pot	8,606	187
	2000	1	By Hand	22,719	1,055
		2	Rakes, Hand	21,519	1,668
		3	Crab Pot	16,966	223
		4	Rakes, Bull	14,037	1,520
		5	Gill Net Set (sink)	10,366	134
	2001	1	Crab Pot	46,435	386
		2	By Hand	30,050	1,373
		3	Rakes, Hand	28,794	2,442
		4	Rakes, Bull	10,633	1,245
		5	Gill Net Set (sink)	8,953	139
	2002	1	Crab Pot	35,217	399
		2	By Hand	28,075	1,412
		3	Rakes, Hand	12,308	1,130
		4	Rakes, Bull	5,285	556
		5	Gill Net Set (sink)	3,882	59
2003	1	By Hand	34,723	1,636	
	2	Crab Pot	27,616	309	
	3	Rakes, Bull	7,368	648	
	4	Rakes, Hand	6,414	557	
	5	Gill Net Set (sink)	4,618	50	
2004	1	Crab Pot	46,321	442	
	2	By Hand	27,096	1,375	
	3	Rakes, Bull	7,265	704	
	4	Gill Net Set (sink)	6,296	70	

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Shalotte River	2004	5	Rakes, Hand	5,821	488
	Stump Sound	1994	1	Crab Pot	106,350
		2	By Hand	9,970	410
		3	Shrimp Trawl	9,677	111
		4	Gill Net Set (float)	7,515	122
		5	Tongs, Hand	6,221	215
	1995	1	Crab Pot	171,653	427
		2	Shrimp Trawl	21,531	147
		3	Gill Net Set (float)	18,914	199
		4	By Hand	13,677	534
		5	Tongs, Hand	12,041	439
	1996	1	Crab Pot	129,289	401
		2	Shrimp Trawl	27,170	322
		3	Tongs, Hand	17,610	526
		4	By Hand	8,870	289
		5	Gill Net Set (float)	7,886	111
	1997	1	Crab Pot	148,818	460
		2	Shrimp Trawl	28,388	305
		3	Tongs, Hand	24,933	804
		4	By Hand	15,811	488
		5	Rakes, Bull	9,539	528
	1998	1	Crab Pot	166,887	391
		2	Tongs, Hand	25,877	764
		3	By Hand	22,246	623
		4	Shrimp Trawl	11,517	142
		5	Gill Net Set (float)	6,927	121
	1999	1	Crab Pot	159,396	445
		2	Tongs, Hand	31,022	1,088
		3	By Hand	23,250	666
		4	Shrimp Trawl	16,452	202
		5	Gill Net Set (float)	6,750	65
	2000	1	Crab Pot	138,938	419
		2	By Hand	20,053	697
		3	Shrimp Trawl	16,332	163
		4	Tongs, Hand	12,754	509
		5	Gill Net Set (float)	5,758	54
	2001	1	Crab Pot	105,600	365
		2	By Hand	35,860	1,272
		3	Tongs, Hand	24,198	826
		4	Shrimp Trawl	10,443	158
		5	Gill Net Set (float)	5,777	100
	2002	1	Crab Pot	94,621	362
		2	By Hand	25,165	825
		3	Shrimp Trawl	19,968	252
		4	Tongs, Hand	19,625	663
		5	Skimmer Trawl	17,753	68
	2003	1	Crab Pot	114,180	388
		2	Shrimp Trawl	21,383	231
		3	By Hand	18,805	638

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
Stump Sound	2003	4	Tongs, Hand	15,587	531
		5	Gill Net Set (float)	9,814	109
	2004	1	Crab Pot	101,405	335
		2	By Hand	30,512	802
		3	Tongs, Hand	21,558	704
Topsail Sound	1994	4	Gill Net (runaround)	8,699	14
		5	Shrimp Trawl	7,006	66
		1	Crab Pot	156,962	457
		2	By Hand	37,230	1,656
		3	Shrimp Trawl	24,788	350
	1995	4	Gill Net Set (sink)	17,601	127
		5	Gill Net (runaround)	15,623	35
		1	Crab Pot	148,832	517
		2	By Hand	50,435	1,906
		3	Shrimp Trawl	45,913	570
	1996	4	Gill Net Set (sink)	34,541	205
		5	Gill Net (runaround)	11,018	16
		1	Crab Pot	90,384	356
		2	By Hand	51,226	1,981
		3	Gill Net Set (sink)	38,318	222
	1997	4	Shrimp Trawl	18,613	297
		5	Gill Net (runaround)	15,698	27
		1	Crab Pot	81,553	275
		2	Gill Net Set (sink)	58,060	359
		3	By Hand	44,722	1,633
1998	4	Shrimp Trawl	16,909	265	
	5	Gill Net (runaround)	11,423	26	
	1	Crab Pot	141,437	485	
	2	Gill Net Set (sink)	51,619	290	
	3	By Hand	46,557	1,713	
1999	4	Shrimp Trawl	18,057	296	
	5	Channel Net	17,388	107	
	1	Crab Pot	110,865	506	
	2	Gill Net Set (sink)	101,805	491	
	3	Channel Net	49,461	282	
2000	4	By Hand	40,782	1,576	
	5	Shrimp Trawl	27,527	299	
	1	Crab Pot	90,235	447	
	2	Gill Net Set (sink)	85,305	310	
	3	By Hand	57,356	2,513	
2001	4	Channel Net	21,655	140	
	5	Shrimp Trawl	12,317	182	
	1	Crab Pot	110,201	508	
	2	Gill Net Set (sink)	75,816	326	
	3	By Hand	51,995	2,040	
2002	4	Gill Net (runaround)	19,848	25	
	5	Rakes, Hand	18,000	962	
	1	Crab Pot	79,705	388	
		2	By Hand	59,712	2,490

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips	
Topsail Sound	2002	3	Gill Net Set (sink)	48,457	264	
		4	Skimmer Trawl	7,108	66	
		5	Gill Net (runaround)	6,963	12	
	2003	1	Crab Pot	114,969	479	
		2	Gill Net Set (sink)	80,875	391	
		3	By Hand	50,742	2,135	
		4	Skimmer Trawl	17,220	136	
		5	Channel Net	16,322	80	
	2004	1	Crab Pot	125,263	473	
		2	Gill Net Set (sink)	65,468	300	
		3	By Hand	52,099	1,951	
		4	Gill Net Set, < 5 in. mesh	45,618	140	
		5	Skimmer Trawl	15,088	120	
	Unknown	1994	1	Unknown	***	1
		1995	1	Unknown	***	1
1999		1	Crab Pot	***	6	
		2	By Hand	***	1	
2000		1	Pound Net	***	41	
		2	Fyke Net	***	10	
White Oak River	1994	1	Crab Pot	138,836	648	
		2	Shrimp Trawl	25,499	224	
		3	Gill Net Set (float)	18,370	205	
		4	Rakes, Bull	17,060	1,544	
		5	Skimmer Trawl	14,098	85	
	1995	1	Crab Pot	115,363	792	
		2	Gill Net Set (sink)	31,834	167	
		3	Shrimp Trawl	30,287	155	
		4	Rakes, Bull	19,656	1,943	
		5	Gill Net Set (float)	12,382	134	
	1996	1	Crab Pot	100,721	771	
		2	Gill Net Set (float)	24,297	233	
		3	Rakes, Bull	13,371	1,323	
		4	Shrimp Trawl	11,078	41	
		5	Gill Net Set (sink)	10,683	49	
	1997	1	Crab Pot	84,026	794	
		2	Gill Net Set (float)	16,043	127	
		3	Rakes, Bull	13,145	1,103	
		4	Gill Net Set (sink)	11,922	59	
		5	By Hand	8,100	602	
1998	1	Crab Pot	155,927	867		
	2	Gill Net Set (float)	25,038	301		
	3	Gill Net (runaround)	18,593	21		
	4	Skimmer Trawl	17,308	173		
	5	Rakes, Bull	10,645	917		
1999	1	Crab Pot	174,848	908		
	2	Gill Net Set (float)	38,585	269		
	3	Skimmer Trawl	27,757	114		
	4	Gill Net (runaround)	11,286	37		
	5	By Hand	9,213	693		

Table 34. Commercial landings and effort made by major gears for each waterbody from 1994 to 2004 (indicates confidential data) (continued).**

Waterbody	Year	Rank	Gear	Pounds	Trips
White Oak River	2000	1	Crab Pot	128,740	695
		2	Skimmer Trawl	41,144	191
		3	Gill Net Set (float)	23,890	220
		4	Shrimp Trawl	20,928	43
		5	Gill Net Set (sink)	17,655	46
	2001	1	Crab Pot	173,516	988
		2	Skimmer Trawl	55,294	284
		3	Gill Net Set (float)	50,210	202
		4	By Hand	22,935	1,507
		5	Rakes, Bull	18,146	1,510
	2002	1	Crab Pot	166,605	849
		2	Skimmer Trawl	114,305	438
		3	Gill Net Set (float)	29,524	260
		4	Shrimp Trawl	23,580	113
		5	By Hand	13,391	992
	2003	1	Crab Pot	158,437	501
		2	Gill Net Set (float)	41,568	320
		3	Skimmer Trawl	34,752	274
		4	Shrimp Trawl	16,451	104
		5	By Hand	7,768	465
2004	1	Crab Pot	109,956	445	
	2	Gill Net Set (float)	34,378	168	
	3	Shrimp Trawl	30,297	73	
	4	Skimmer Trawl	29,115	137	
	5	Gill Net Set (sink)	7,000	111	

Table 35. Number of participants, vessels, and trips by gear type from 1994 to 2004.

Gear	2004			2003			2002		
	Participants	Vessels	Trips	Participants	Vessels	Trips	Participants	Vessels	Trips
Beach Seine	168	156	413	23	28	125	192	201	558
By Hand	946	680	18,435	1,051	773	18,175	1,212	828	20,325
Cast Net	52	41	536	71	59	475	88	75	838
Channel Net	87	97	1,355	87	100	1,700	90	107	1,876
Clam Dredge	30	30	658	27	31	433	46	43	695
Clam Trawl Kicking	58	61	1,001	62	66	839	65	74	880
Crab Dredge	7	7	19	4	4	14	15	15	64
Crab Pot	1,306	1,577	73,502	1,391	1,715	82,402	1,460	1,771	81,882
Crab Trawl	175	188	1,780	142	154	1,700	138	152	983
Eel Pot	42	45	270	46	51	303	41	43	237
Fish Pot	97	103	1,163	89	91	1,103	99	111	1,195
Flounder Trawl	95	94	490	83	82	460	90	92	667
Flynet	69	72	363	55	59	292	49	50	230
Fyke Net	59	64	530	50	56	486	37	51	377
Gigs	138	156	1,200	141	162	1,122	150	163	1,205
Gill net (anchored) ¹	3,087	3,373	40,958	2,393	2,769	43,939	2,454	2,815	45,273
Gill net (drift)	63	70	320	72	76	330	85	88	342
Gill net (runaround)	332	361	1,980	352	379	1,852	383	427	2,670
Haul Seine	30	38	498	27	38	487	45	54	455
Longline ¹	48	48	418	60	61	424	97	100	613
Other	165	178	1,931	145	155	1,141	131	134	909
Peeler Pot	296	319	3,628	277	298	3,816	332	367	6,438
Pound Net	93	116	2,196	108	131	2,085	166	196	3,320
Purse Seine	2	4	64	2	4	66	2	4	108
Rake	1,229	857	15,233	1,406	994	15,804	1,635	1,070	18,238
Rod-n-Reel	490	532	3,085	492	529	3,397	473	500	3,776
Scallop Dredge (bay)	0	0	0	8	9	23	14	16	32
Shrimp Trawl	488	525	8,391	498	547	9,898	715	773	12,958
Skimmer Trawl	103	107	2,108	133	152	2,555	161	176	3,569
Tongs, Hand	393	353	5,261	397	362	4,501	425	377	4,762
Trolling	673	724	4,127	502	562	3,189	612	659	4,030
Trotline	19	18	83	15	15	119	36	38	282
Unknown	0	0	0	0	0	0	0	0	0

¹Gill Net (anchored) and Longline participant, vessel and trip counts may be artificially inflated because of how the various types of gill nets and longlines are grouped in this table. For example, if a vessel sets a bottom longline and a surface longline on the same trip, the calculations in the program would identify two participants, two vessels and two trips. Calculating these data using this method is necessary to avoid not counting all gears used on other multi-gear trips.

Table 35. Number of participants, vessels, and trips by gear type from 1994 to 2004 (continued).

Gear	2001			2000			1999		
	Participants	Vessels	Trips	Participants	Vessels	Trips	Participants	Vessels	Trips
Beach Seine	92	106	489	90	113	822	76	99	527
By Hand	1,398	971	21,894	1,235	990	17,876	1,077	960	12,772
Cast Net	83	66	688	77	57	517	53	44	446
Channel Net	103	133	1,692	127	147	2,183	127	156	2,604
Clam Dredge	40	39	463	41	37	737	38	42	643
Clam Trawl Kicking	68	80	839	81	93	801	97	111	1,181
Crab Dredge	8	8	26	0	0	0	0	0	0
Crab Pot	1,600	2,148	99,677	1,553	2,136	99,510	1,719	2,799	111,636
Crab Trawl	209	237	2,549	186	195	2,226	220	244	3,555
Eel Pot	56	64	377	82	88	373	75	93	408
Fish Pot	119	131	1,662	105	121	1,214	144	181	1,583
Flounder Trawl	103	109	524	88	92	469	97	104	519
Flynet	56	60	281	33	35	181	33	34	203
Fyke Net	60	74	654	44	56	608	41	48	531
Gigs	191	212	1,405	179	198	1,342	145	190	1,064
Gill net (anchored) ¹	2,764	3,293	50,657	2,993	3,553	52,396	2,816	3,647	52,079
Gill net (drift)	60	61	224	47	48	156	71	74	302
Gill net (runaround)	392	446	2,799	397	458	3,031	319	388	2,386
Haul Seine	29	37	441	35	51	474	46	55	574
Longline ¹	64	67	489	55	54	442	58	64	502
Other	127	138	1,020	121	127	586	146	159	1,149
Peeler Pot	401	444	6,735	329	378	5,654	341	384	5,776
Pound Net	152	201	3,183	144	195	3,130	160	223	3,172
Purse Seine	2	4	79	3	5	97	4	7	73
Rake	2,077	1,384	28,935	2,077	1,542	27,265	1,606	1,435	21,062
Rod-n-Reel	433	461	3,293	485	550	3,356	522	615	3,972
Scallop Dredge (bay)	0	0	0	8	8	10	44	45	151
Shrimp Trawl	641	724	10,741	885	1,056	14,134	756	966	15,348
Skimmer Trawl	140	159	1,772	184	215	2,437	160	192	2,094
Tongs, Hand	428	390	5,712	335	338	3,983	337	353	4,173
Trolling	617	664	4,418	649	733	4,834	660	779	4,560
Trotline	28	29	163	29	28	297	23	27	267
Unknown	0	0	0	0	0	0	0	0	0

¹Gill Net (anchored) and Longline participant, vessel and trip counts may be artificially inflated because of how the various types of gill nets and longlines are grouped in this table. For example, if a vessel sets a bottom longline and a surface longline on the same trip, the calculations in the program would identify two participants, two vessels and two trips. Calculating these data using this method is necessary to avoid not counting all gears used on other multi-gear trips.

Table 35. Number of participants, vessels, and trips by gear type from 1994 to 2004 (continued).

Gear	1998			1997			1996		
	Participants	Vessels	Trips	Participants	Vessels	Trips	Participants	Vessels	Trips
Beach Seine	81	97	691	91	106	1,076	92	107	870
By Hand	902	943	13,217	1,033	1,039	14,353	1,127	1,166	14,527
Cast Net	57	43	681	65	53	594	68	61	615
Channel Net	118	139	1,874	142	172	2,102	134	170	1,489
Clam Dredge	39	41	672	29	28	474	57	58	637
Clam Trawl Kicking	93	106	1,083	90	99	1,121	115	122	1,091
Crab Dredge	0	0	0	3	3	11	5	5	29
Crab Pot	1,835	2,203	128,051	2,136	2,518	121,346	2,103	2,588	115,997
Crab Trawl	279	308	5,718	336	373	5,063	323	351	4,344
Eel Pot	79	87	460	86	100	492	69	85	382
Fish Pot	160	173	1,633	160	173	1,839	192	212	1,510
Flounder Trawl	115	119	656	79	87	237	106	106	415
Flynet	45	51	290	44	46	489	36	35	240
Fyke Net	35	43	436	30	40	374	27	34	264
Gigs	191	217	1,508	253	282	1,798	218	240	1,305
Gill net (anchored) ¹	2,858	3,228	50,846	3,458	3,834	57,463	3,431	3,865	52,063
Gill net (drift)	82	83	346	132	142	835	104	105	455
Gill net (runaround)	411	465	3,504	509	561	3,764	435	479	3,316
Haul Seine	42	53	658	65	73	770	109	127	1,005
Longline ¹	68	51	460	96	70	527	125	103	723
Other	136	139	796	92	93	300	79	81	229
Peeler Pot	269	294	4,576	125	140	1,226	33	34	177
Pound Net	199	247	3,685	266	328	4,795	270	321	4,956
Purse Seine	4	6	99	7	8	137	4	4	78
Rake	1,537	1,606	28,151	1,789	1,756	32,229	1,839	1,860	29,138
Rod-n-Reel	571	597	4,964	698	713	5,390	625	668	4,640
Scallop Dredge (bay)	118	121	899	63	69	362	63	67	274
Shrimp Trawl	622	711	12,220	854	986	16,636	827	1,010	14,685
Skimmer Trawl	93	106	1,083	149	166	2,233	106	128	1,197
Tongs, Hand	316	335	4,584	323	343	4,544	365	394	4,922
Trolling	750	770	4,635	905	904	5,663	775	789	4,478
Trotline	31	34	479	37	37	474	27	29	352
Unknown	0	0	0	0	0	0	0	0	0

¹Gill Net (anchored) and Longline participant, vessel and trip counts may be artificially inflated because of how the various types of gill nets and longlines are grouped in this table. For example, if a vessel sets a bottom longline and a surface longline on the same trip, the calculations in the program would identify two participants, two vessels and two trips. Calculating these data using this method is necessary to avoid not counting all gears used on other multi-gear trips.

Table 35. Number of participants, vessels, and trips by gear type from 1994 to 2004 (continued).

Gear	1995			1994		
	Participants	Vessels	Trips	Participants	Vessels	Trips
Beach Seine	102	122	961	67	74	862
By Hand	1,329	1,402	17,316	1,287	1,331	16,623
Cast Net	66	60	561	30	33	321
Channel Net	196	224	2,311	162	209	2,137
Clam Dredge	63	70	770	43	50	405
Clam Trawl Kicking	100	103	824	99	105	640
Crab Dredge	10	10	37	22	19	75
Crab Pot	2,052	2,622	120,000	1,969	2,381	114,061
Crab Trawl	238	270	2,222	300	338	3,889
Eel Pot	67	74	275	14	14	20
Fish Pot	183	193	1,460	183	202	1,650
Flounder Trawl	165	133	534	88	95	507
Flynet	31	31	251	28	30	255
Fyke Net	38	43	219	43	44	325
Gigs	271	310	1,807	267	306	1,669
Gill net (anchored) ¹	3,722	4,167	56,306	3,605	4,008	49,222
Gill net (drift)	181	185	884	219	243	666
Gill net (runaround)	489	523	3,088	438	466	2,178
Haul Seine	93	103	1,001	139	151	1,068
Longline ¹	140	106	900	165	168	1,086
Other	139	140	466	115	122	488
Peeler Pot	0	0	0	0	0	0
Pound Net	287	329	5,205	347	384	6,492
Purse Seine	3	4	86	4	6	173
Rake	1,977	1,999	33,192	2,057	2,016	35,739
Rod-n-Reel	727	780	5,574	773	836	6,505
Scallop Dredge (bay)	238	242	1,759	177	189	713
Shrimp Trawl	1,005	1,181	19,869	977	1,195	19,022
Skimmer Trawl	136	148	1,570	84	102	1,133
Tongs, Hand	436	474	6,252	458	461	6,026
Trolling	994	1,039	5,904	979	1,047	5,592
Trotline	33	33	317	30	34	232
Unknown	1	1	1	1	1	1

¹Gill Net (anchored) and Longline participant, vessel and trip counts may be artificially inflated because of how the various types of gill nets and longlines are grouped in this table. For example, if a vessel sets a bottom longline and a surface longline on the same trip, the calculations in the program would identify two participants, two vessels and two trips. Calculating these data using this method is necessary to avoid not counting all gears used on other multi-gear trips.

Table 36. Number of participants, vessels, and trips for specific species from 1994 to 2004.

Species	2004			2003		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	163	735	171	180	908	191
Blue Crabs, Hard	1,425	74,159	1,675	1,509	83,769	1,836
Blue Crabs, Peeler	777	12,728	871	849	15,027	985
Blue Crabs, Soft	356	7,174	392	428	10,682	477
Bluefish	748	8,031	821	759	8,594	872
Catfishes	467	7,993	532	565	10,728	664
Clams, Hard	1,066	30,391	765	1,205	30,837	848
Croaker, Atlantic	825	7,875	920	796	7,361	894
Dolphinfish	291	1,116	313	255	963	275
Drum, Red	512	3,543	568	682	6,845	798
Eel, American	55	353	60	67	427	73
Finfish, Other	1,297	15,289	1,422	1,413	18,612	1,644
Flounder, Southern	1,359	27,050	1,585	1,438	27,515	1,709
Flounder, Summer	297	1,949	299	268	1,796	280
Goosefish	160	597	162	145	653	151
Groupers	196	2,040	217	204	2,108	223
Herring, River	136	1,503	148	181	2,087	205
Herring, Thread	0	0	0	1	3	1
Hog Snapper	54	248	60	51	299	56
Kingfishes	664	6,780	718	620	6,750	700
Mackerel, King	445	3,228	486	405	2,753	455
Mackerel, Spanish	296	2,189	316	334	2,484	369
Menhaden, Atlantic	333	3,271	366	390	4,312	447
Mullet, Striped	793	7,814	891	920	9,616	1,053
Oysters	722	11,880	608	637	9,281	530
Perch, White	362	5,035	406	440	8,070	519
Perch, Yellow	181	1,896	201	260	3,491	299
Porgies	130	1,077	149	146	1,216	159
Scallop, Bay	1	2	1	68	243	58
Scup	36	84	37	18	26	17
Sea Basses	286	2,215	309	278	2,063	296
Seatrout, Spotted	712	5,736	787	817	5,963	937
Shad, American	359	3,944	368	422	4,574	458
Shad, Gizzard	67	990	65	68	1,027	73
Shad, Hickory	313	2,325	326	295	2,003	316
Sharks	153	829	153	131	1,014	137
Sharks, Dogfishes	122	808	119	82	502	86
Shellfish, Other	550	5,666	510	562	6,820	539
Shrimp, Brown	476	5,804	498	539	8,812	589
Shrimp, Pink	165	1,398	173	158	1,631	166
Shrimp, Unclassified	48	319	50	45	302	52
Shrimp, White	384	4,894	407	331	3,767	357
Snappers	158	1,202	175	136	1,131	144
Spadefish	179	1,146	194	158	663	170
Spot	1,041	10,571	1,160	1,065	10,996	1,206
Striped Bass	848	9,353	908	771	11,455	895
Swordfish	22	182	22	23	173	23
Tilefishes	43	346	47	45	431	50
Triggerfish	156	1,268	168	122	1,083	131
Tunas	577	3,257	608	442	2,672	476
Wahoo	152	337	158	144	306	148
Weakfish	791	8,553	886	818	8,791	939

**Table 36. Number of participants, vessels, and trips for specific species from 1994 to 2004
(continued).**

Species	2002			2001		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	172	990	179	193	1,027	204
Blue Crabs, Hard	1,597	82,082	1,900	1,719	96,742	2,267
Blue Crabs, Peeler	919	16,353	1,071	1,007	25,160	1,240
Blue Crabs, Soft	449	13,445	505	533	15,966	620
Bluefish	883	10,133	1,004	944	10,925	1,097
Catfishes	507	10,894	616	584	12,296	721
Clams, Hard	1,411	35,597	920	1,824	48,759	1,214
Croaker, Atlantic	957	8,815	1,081	1,119	12,954	1,298
Dolphinfish	318	1,434	336	304	1,199	316
Drum, Red	737	6,708	840	780	8,863	905
Eel, American	49	287	51	73	460	82
Finfish, Other	1,645	23,618	1,878	1,547	20,313	1,810
Flounder, Southern	1,584	33,388	1,881	1,734	36,006	2,126
Flounder, Summer	261	1,736	273	275	1,713	297
Goosefish	140	642	143	146	548	151
Groupers	208	2,677	219	216	2,405	238
Herring, River	146	1,903	164	151	1,418	172
Herring, Thread	1	8	1	0	0	0
Hog Snapper	68	308	71	53	273	60
Kingfishes	662	6,473	739	662	7,222	781
Mackerel, King	447	3,155	480	456	3,651	497
Mackerel, Spanish	478	3,261	521	518	3,756	586
Menhaden, Atlantic	421	6,089	476	483	5,431	551
Mullet, Striped	1,032	10,620	1,171	1,069	10,726	1,245
Oysters	644	9,061	540	651	9,402	614
Perch, White	429	7,595	510	472	6,857	571
Perch, Yellow	226	3,156	275	298	3,465	347
Porgies	159	1,412	166	159	1,400	176
Scallop, Bay	74	335	68	26	56	21
Scup	2	4	2	0	0	0
Sea Basses	304	2,481	327	291	2,620	320
Seatrout, Spotted	989	8,851	1,146	900	6,490	1,056
Shad, American	401	4,291	432	462	5,037	520
Shad, Gizzard	84	1,478	93	83	1,114	91
Shad, Hickory	272	1,781	280	388	3,351	430
Sharks	156	1,113	163	187	1,235	202
Sharks, Dogfishes	65	469	67	89	556	92
Shellfish, Other	557	5,660	547	628	5,868	589
Shrimp, Brown	656	7,719	711	628	8,371	704
Shrimp, Pink	306	3,609	324	192	2,068	201
Shrimp, Unclassified	75	536	75	57	393	58
Shrimp, White	493	6,996	533	400	3,537	446
Snappers	173	1,715	181	175	1,702	194
Spadefish	215	1,152	232	229	1,082	246
Spot	1,260	13,126	1,432	1,256	11,912	1,457
Striped Bass	814	11,279	947	755	12,072	890
Swordfish	26	182	25	32	235	33
Tilefishes	63	578	66	66	539	74
Triggerfish	177	1,385	186	155	1,347	171
Tunas	411	2,869	433	478	3,503	522
Wahoo	147	299	156	167	373	177
Weakfish	969	10,082	1,097	1,029	12,030	1,206

**Table 36. Number of participants, vessels, and trips for specific species from 1994 to 2004
(continued).**

Species	2000			1999		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	206	1,138	231	197	1,216	236
Blue Crabs, Hard	1,672	94,032	2,212	1,838	105,029	2,873
Blue Crabs, Peeler	1,001	26,008	1,215	1,004	25,951	1,393
Blue Crabs, Soft	524	14,785	628	513	12,888	681
Bluefish	957	11,643	1,112	975	12,087	1,189
Catfishes	630	12,213	767	637	14,376	876
Clams, Hard	1,640	41,989	1,284	1,487	32,889	1,372
Croaker, Atlantic	1,111	11,810	1,283	1,117	12,980	1,462
Dolphinfish	270	1,237	290	332	1,423	367
Drum, Red	979	9,753	1,158	910	10,603	1,222
Eel, American	109	576	117	101	574	119
Finfish, Other	1,707	24,082	2,014	1,738	25,660	2,265
Flounder, Southern	1,889	37,493	2,309	1,797	35,415	2,516
Flounder, Summer	359	2,530	392	346	3,026	393
Goosefish	173	757	185	173	812	183
Groupers	211	2,279	255	268	2,821	314
Herring, River	210	2,461	247	204	2,815	222
Herring, Thread	3	4	3	2	5	2
Hog Snapper	57	322	63	74	391	88
Kingfishes	751	8,657	877	785	9,428	951
Mackerel, King	476	4,065	535	438	3,617	538
Mackerel, Spanish	603	4,549	684	542	3,544	640
Menhaden, Atlantic	380	4,145	451	420	3,809	511
Mullet, Striped	1,225	13,631	1,462	991	10,391	1,247
Oysters	558	7,709	546	521	7,459	556
Perch, White	559	8,224	678	531	9,177	709
Perch, Yellow	342	4,271	406	375	5,650	477
Porgies	108	658	117	202	1,539	235
Scallop, Bay	72	341	71	81	441	81
Scup	0	0	0	1	1	1
Sea Basses	310	2,312	363	381	3,026	459
Seatrout, Spotted	1,157	11,241	1,363	1,292	15,319	1,689
Shad, American	537	5,277	601	464	4,718	507
Shad, Gizzard	142	2,476	165	164	2,779	198
Shad, Hickory	390	2,625	435	434	3,644	474
Sharks	189	1,369	205	177	1,210	199
Sharks, Dogfishes	180	1,555	194	181	1,886	198
Shellfish, Other	584	4,668	611	543	4,547	589
Shrimp, Brown	776	9,008	905	549	3,341	593
Shrimp, Pink	173	1,468	192	27	82	28
Shrimp, Unclassified	106	479	111	594	9,777	793
Shrimp, White	661	8,008	757	562	7,027	649
Snappers	166	1,603	196	200	1,810	232
Spadefish	230	1,288	260	299	1,613	377
Spot	1,384	13,227	1,571	1,277	12,382	1,598
Striped Bass	700	11,714	852	700	9,097	855
Swordfish	25	155	24	30	179	33
Tilefishes	56	425	60	73	582	95
Triggerfish	151	1,194	176	187	1,503	219
Tunas	421	3,200	466	416	3,266	474
Wahoo	154	354	158	181	460	194
Weakfish	1,126	13,993	1,310	1,171	17,074	1,526

**Table 36. Number of participants, vessels, and trips for specific species from 1994 to 2004
(continued).**

Species	1998			1997		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	200	1,199	207	273	1,531	283
Blue Crabs, Hard	1,896	119,557	2,238	2,187	110,754	2,553
Blue Crabs, Peeler	981	31,425	1,115	1,071	28,507	1,220
Blue Crabs, Soft	525	13,733	610	609	12,541	703
Bluefish	1,080	13,743	1,171	1,195	16,520	1,317
Catfishes	646	13,578	752	800	16,594	897
Clams, Hard	1,326	40,820	1,402	1,535	45,045	1,559
Croaker, Atlantic	1,092	10,662	1,226	1,358	15,214	1,503
Dolphinfish	273	1,295	280	363	1,528	362
Drum, Red	694	5,613	782	571	2,440	636
Eel, American	102	554	109	109	618	124
Finfish, Other	1,673	21,136	1,861	2,004	27,077	2,228
Flounder, Southern	1,837	39,435	2,137	2,216	46,542	2,553
Flounder, Summer	353	2,536	380	403	2,768	428
Goosefish	165	694	167	149	725	151
Groupers	309	3,558	323	340	3,674	349
Herring, River	223	2,809	248	231	2,673	246
Herring, Thread	4	15	5	1	15	2
Hog Snapper	78	434	83	85	454	95
Kingfishes	745	8,768	829	871	11,021	976
Mackerel, King	578	4,074	589	695	5,335	698
Mackerel, Spanish	589	4,138	671	783	5,985	874
Menhaden, Atlantic	250	2,385	286	309	2,421	323
Mullet, Striped	1,183	12,848	1,330	1,411	14,363	1,566
Oysters	502	7,568	540	500	8,133	493
Perch, White	506	7,027	588	575	7,045	632
Perch, Yellow	347	4,776	397	385	5,013	426
Porgies	264	2,605	277	295	2,536	305
Scallop, Bay	134	1,060	139	99	678	100
Scup	27	38	29	15	21	16
Sea Basses	423	3,873	454	430	3,993	446
Seatrout, Spotted	1,147	12,384	1,293	1,217	10,924	1,360
Shad, American	483	5,098	515	566	5,666	605
Shad, Gizzard	153	2,763	172	186	2,556	205
Shad, Hickory	430	2,538	459	439	2,701	460
Sharks	229	1,294	236	271	1,800	269
Sharks, Dogfishes	208	2,049	221	251	2,791	256
Shellfish, Other	562	5,802	622	525	5,007	586
Shrimp, Brown	0	0	0	0	0	0
Shrimp, Pink	0	0	0	0	0	0
Shrimp, Unclassified	692	14,969	795	911	20,444	1,057
Shrimp, White	0	0	0	0	0	0
Snappers	230	2,051	235	261	2,208	262
Spadefish	223	1,154	246	301	1,907	354
Spot	1,176	11,355	1,339	1,396	13,762	1,568
Striped Bass	706	6,702	793	814	8,715	896
Swordfish	30	208	19	28	171	15
Tilefishes	94	621	93	106	775	103
Triggerfish	223	1,901	228	302	2,303	314
Tunas	444	2,959	449	553	4,524	550
Wahoo	165	359	150	178	401	172
Weakfish	1,170	16,854	1,327	1,420	21,235	1,578

**Table 36. Number of participants, vessels, and trips for specific species from 1994 to 2004
(continued).**

Species	1996			1995		
	Participants	Trips	Vessels	Participants	Trips	Vessels
Amberjack	244	1,351	254	277	1,681	293
Blue Crabs, Hard	2,187	107,379	2,701	2,104	110,218	2,664
Blue Crabs, Peeler	996	21,116	1,143	865	19,522	1,034
Blue Crabs, Soft	492	8,596	566	487	8,959	545
Bluefish	1,035	10,993	1,138	1,161	13,894	1,276
Catfishes	787	13,668	917	792	14,693	904
Clams, Hard	1,568	43,054	1,652	1,753	50,603	1,877
Croaker, Atlantic	1,311	15,417	1,508	1,432	18,265	1,637
Dolphinfish	341	1,423	353	506	2,430	531
Drum, Red	849	4,891	940	1,036	7,496	1,151
Eel, American	108	547	125	108	438	115
Finfish, Other	2,134	27,058	2,432	1,997	25,407	2,222
Flounder, Southern	2,194	40,603	2,589	2,279	45,748	2,708
Flounder, Summer	419	2,577	441	482	2,162	471
Goosefish	194	909	183	202	751	175
Groupers	328	3,097	365	382	3,918	411
Herring, River	265	3,215	282	232	2,912	241
Herring, Thread	1	11	2	4	17	5
Hog Snapper	82	456	94	118	643	138
Kingfishes	830	8,907	940	937	12,495	1,059
Mackerel, King	555	3,200	597	667	4,679	723
Mackerel, Spanish	579	3,955	651	608	4,304	675
Menhaden, Atlantic	264	1,640	291	137	964	141
Mullet, Striped	1,423	13,961	1,599	1,457	13,813	1,603
Oysters	504	8,063	555	584	8,767	626
Perch, White	588	7,224	672	517	6,077	578
Perch, Yellow	389	4,038	446	330	3,622	357
Porgies	308	2,482	335	349	3,016	384
Scallop, Bay	90	448	95	289	2,116	297
Scup	47	94	50	65	124	66
Sea Basses	514	3,630	546	525	3,959	576
Seatrout, Spotted	1,210	9,502	1,364	1,548	16,855	1,778
Shad, American	613	5,200	639	578	4,312	608
Shad, Gizzard	261	3,473	279	198	2,576	212
Shad, Hickory	516	3,635	540	427	2,738	445
Sharks	296	1,569	289	321	2,170	321
Sharks, Dogfishes	291	3,379	295	265	2,602	267
Shellfish, Other	622	5,847	690	689	6,786	744
Shrimp, Brown	0	0	0	0	0	0
Shrimp, Pink	0	0	0	0	0	0
Shrimp, Unclassified	865	17,084	1,073	1,080	23,886	1,255
Shrimp, White	0	0	0	0	0	0
Snappers	251	1,908	269	295	2,335	316
Spadefish	213	1,375	244	236	1,470	270
Spot	1,357	12,334	1,545	1,298	11,468	1,437
Striped Bass	612	6,639	655	747	6,540	816
Swordfish	32	198	23	38	222	19
Tilefishes	78	562	75	90	553	99
Triggerfish	253	1,745	270	277	2,071	297
Tunas	483	3,228	484	577	4,107	569
Wahoo	189	439	187	281	784	268
Weakfish	1,318	17,653	1,466	1,455	20,564	1,640

**Table 36. Number of participants, vessels, and trips for specific species from 1994 to 2004
(continued).**

Species	1994		
	Participants	Trips	Vessels
Amberjack	300	1,652	321
Blue Crabs, Hard	2,008	109,603	2,445
Blue Crabs, Peeler	722	14,181	801
Blue Crabs, Soft	404	7,198	451
Bluefish	1,054	11,044	1,159
Catfishes	763	16,015	876
Clams, Hard	1,686	53,008	1,760
Croaker, Atlantic	1,287	14,349	1,495
Dolphinfish	403	1,853	452
Drum, Red	803	4,065	892
Eel, American	89	358	98
Finfish, Other	2,002	24,438	2,237
Flounder, Southern	2,196	42,460	2,569
Flounder, Summer	454	3,456	488
Goosefish	151	838	152
Groupers	417	4,509	461
Herring, River	232	3,657	248
Herring, Thread	19	40	19
Hog Snapper	100	520	114
Kingfishes	830	11,088	945
Mackerel, King	716	4,987	771
Mackerel, Spanish	657	4,710	741
Menhaden, Atlantic	125	1,104	137
Mullet, Striped	1,366	13,649	1,523
Oysters	549	7,265	563
Perch, White	533	7,404	604
Perch, Yellow	362	4,566	407
Porgies	410	3,560	442
Scallop, Bay	194	792	205
Scup	40	122	45
Sea Basses	583	5,075	648
Seatrout, Spotted	1,399	13,659	1,570
Shad, American	488	4,088	514
Shad, Gizzard	178	2,922	199
Shad, Hickory	351	2,116	356
Sharks	358	2,345	386
Sharks, Dogfishes	213	2,437	220
Shellfish, Other	663	6,064	740
Shrimp, Brown	0	0	0
Shrimp, Pink	0	0	0
Shrimp, Unclassified	989	21,747	1,229
Shrimp, White	0	0	0
Snappers	342	2,805	359
Spadefish	192	1,097	218
Spot	1,246	10,897	1,404
Striped Bass	546	3,345	587
Swordfish	19	142	19
Tilefishes	105	547	118
Triggerfish	317	2,326	348
Tunas	533	4,101	554
Wahoo	192	447	201
Weakfish	1,355	17,414	1,491

Table 37. Number of participants and total ex-vessel value of product for various income ranges from 1994 to 2004.

Participant refers to individual fishermen or businesses holding any form of license to sell. These licenses include SCFL, RSCFL, Shellfish, Menhaden for Non-Residents, Tournament, or Land or Sell.

Range of ex-vessel value (\$)	1994		1995	
	Participants	Value (\$)	Participants	Value (\$)
1-499	1,346	\$254,476	1,257	\$245,664
500-999	445	\$323,517	439	\$325,533
1,000-4,999	1,316	\$3,324,912	1,246	\$3,204,921
5,000-9,999	636	\$4,617,043	619	\$4,585,533
10,000-24,999	785	\$12,687,946	875	\$14,356,309
25,000-49,999	447	\$15,401,504	555	\$19,917,697
50,000-99,999	243	\$16,900,904	341	\$23,531,617
100,000-249,999	76	\$10,457,493	138	\$19,647,298
250,000-499,999	16	\$4,776,628	17	\$5,803,217
Over 500,000	7	\$22,676,350	7	\$19,151,941

Range of ex-vessel value (\$)	1996		1997	
	Participants	Value (\$)	Participants	Value (\$)
1-499	1,208	\$227,528	1,208	\$225,473
500-999	407	\$296,582	414	\$299,703
1,000-4,999	1,142	\$2,870,777	1,111	\$2,868,317
5,000-9,999	585	\$4,300,422	547	\$3,986,041
10,000-24,999	829	\$13,739,458	858	\$14,167,977
25,000-49,999	570	\$20,015,157	578	\$20,664,937
50,000-99,999	335	\$23,183,707	306	\$20,771,198
100,000-249,999	116	\$16,548,003	118	\$16,741,467
250,000-499,999	10	\$2,975,607	14	\$4,418,848
Over 500,000	5	\$21,541,895	6	\$24,982,087

Range of ex-vessel value (\$)	1998		1999	
	Participants	Value (\$)	Participants	Value (\$)
1-499	1,042	\$205,653	1,196	\$222,836
500-999	405	\$289,624	411	\$301,462
1,000-4,999	993	\$2,563,626	1,035	\$2,580,559
5,000-9,999	490	\$3,570,303	483	\$3,491,784
10,000-24,999	738	\$12,369,748	755	\$12,488,107
25,000-49,999	524	\$18,980,212	526	\$18,642,443
50,000-99,999	347	\$23,763,125	288	\$19,763,754
100,000-249,999	138	\$18,962,975	131	\$18,177,136
250,000-499,999	8	\$2,672,040	16	\$5,292,306
Over 500,000	3	\$17,643,792	4	\$18,346,696

Table 37. Number of participants and total ex-vessel value of product for various income ranges from 1994 to 2004 (continued).

Range of ex-vessel value (\$)	2000		2001	
	Participants	Value (\$)	Participants	Value (\$)
1-499	1,156	\$220,304	1,240	\$234,717
500-999	418	\$300,294	442	\$321,093
1,000-4,999	1,054	\$2,702,548	1,141	\$2,905,560
5,000-9,999	523	\$3,780,084	558	\$4,069,329
10,000-24,999	727	\$11,988,217	728	\$11,829,051
25,000-49,999	570	\$20,022,857	507	\$17,956,202
50,000-99,999	357	\$24,679,767	311	\$21,630,124
100,000-249,999	189	\$26,945,468	133	\$18,697,963
250,000-499,999	29	\$9,203,909	11	\$3,503,183
Over 500,000	8	\$8,488,336	6	\$6,987,933

Range of ex-vessel value (\$)	2002		2003	
	Participants	Value (\$)	Participants	Value (\$)
1-499	1,122	\$211,710	1,020	\$189,453
500-999	389	\$280,584	370	\$265,344
1,000-4,999	1,045	\$2,647,746	918	\$2,325,053
5,000-9,999	483	\$3,458,961	458	\$3,334,688
10,000-24,999	688	\$10,904,055	676	\$11,101,218
25,000-49,999	444	\$15,952,739	411	\$14,707,943
50,000-99,999	336	\$23,389,728	328	\$22,356,098
100,000-249,999	161	\$23,415,824	153	\$22,514,646
250,000-499,999	22	\$6,876,683	13	\$4,216,928
Over 500,000	5	\$7,604,274	5	\$6,111,985

Range of ex-vessel value (\$)	2004	
	Participants	Value (\$)
1-499	914	\$175,874
500-999	354	\$256,883
1,000-4,999	1,003	\$2,571,266
5,000-9,999	466	\$3,287,905
10,000-24,999	711	\$11,533,251
25,000-49,999	424	\$14,855,025
50,000-99,999	252	\$16,933,887
100,000-249,999	105	\$15,658,968
250,000-499,999	20	\$6,508,417
Over 500,000	7	\$7,962,570

Table 38. Number of dealers and total ex-vessel value of product purchased from licensed fishermen for various income ranges from 1994 to 2004.

Range of ex-vessel value (\$)	1994		1995		1996	
	Dealers	Value (\$)	Dealers	Value (\$)	Dealers	Value (\$)
1-499	89	\$18,406	112	\$21,988	82	\$16,595
500-999	50	\$35,522	42	\$30,196	49	\$36,150
1,000-4,999	137	\$332,508	157	\$436,879	151	\$409,797
5,000-9,999	53	\$385,996	72	\$514,930	72	\$503,063
10,000-24,999	49	\$837,156	62	\$1,018,986	95	\$1,491,529
25,000-49,999	44	\$1,476,626	65	\$2,262,888	60	\$2,165,079
50,000-99,999	36	\$2,463,874	43	\$3,033,077	46	\$3,222,475
100,000-249,999	57	\$9,406,709	59	\$10,099,581	53	\$8,647,107
250,000-499,999	45	\$16,454,899	41	\$14,944,581	39	\$14,326,180
500,000-999,999	30	\$21,155,976	37	\$27,977,564	36	\$26,824,330
Over 1,000,000	23	\$38,853,137	27	\$50,429,470	30	\$48,057,264

Range of ex-vessel value (\$)	1997		1998		1999	
	Dealers	Value (\$)	Dealers	Value (\$)	Dealers	Value (\$)
1-499	73	\$15,316	93	\$18,281	94	\$21,512
500-999	39	\$28,463	47	\$35,556	43	\$31,480
1,000-4,999	145	\$376,398	153	\$397,921	151	\$394,700
5,000-9,999	74	\$547,224	65	\$466,307	91	\$667,243
10,000-24,999	87	\$1,453,171	95	\$1,620,619	85	\$1,442,955
25,000-49,999	74	\$2,543,122	61	\$2,191,822	71	\$2,572,092
50,000-99,999	55	\$3,935,810	59	\$4,154,979	54	\$3,880,726
100,000-249,999	48	\$7,624,491	56	\$9,066,211	62	\$9,849,972
250,000-499,999	49	\$17,702,191	48	\$17,512,989	48	\$17,356,415
500,000-999,999	37	\$24,988,523	34	\$24,710,337	39	\$27,072,070
Over 1,000,000	27	\$49,911,338	26	\$40,846,077	22	\$36,375,348

Range of ex-vessel value (\$)	2000		2001		2002	
	Dealers	Value (\$)	Dealers	Value (\$)	Dealers	Value (\$)
1-500	71	\$17,377	86	\$18,277	81	\$16,810
500-1,000	52	\$38,983	48	\$36,258	49	\$36,215
1,000-5,000	130	\$332,051	143	\$326,253	164	\$416,709
5,000-10,000	86	\$616,049	82	\$601,736	84	\$597,629
10,000-25,000	86	\$1,365,115	85	\$1,466,458	89	\$1,460,872
25,000-50,000	62	\$2,220,628	72	\$2,502,610	77	\$2,720,825
50,000-100,000	50	\$3,430,948	42	\$2,898,177	42	\$2,942,582
100,000-250,000	66	\$11,111,911	57	\$9,464,405	48	\$7,648,713
250,000-500,000	28	\$10,074,817	43	\$14,761,308	35	\$12,401,425
500,000-999,999	38	\$26,037,257	28	\$20,175,406	36	\$24,161,904
Over 1,000,000	28	\$53,086,646	20	\$35,884,267	21	\$42,338,621

Table 38. Number of dealers and total ex-vessel value of product purchased from licensed fishermen for various income ranges from 1994 to 2004 (continued).

Range of ex-vessel value (\$)	2003		2004	
	Dealers	Value (\$)	Dealers	Value (\$)
1-500	75	\$16,135	83	\$18,049
500-1,000	37	\$27,208	36	\$25,990
1,000-5,000	154	\$393,939	159	\$425,154
5,000-10,000	94	\$707,722	77	\$561,794
10,000-25,000	94	\$1,543,920	115	\$1,854,714
25,000-50,000	72	\$2,525,650	58	\$2,027,590
50,000-100,000	49	\$3,658,403	44	\$2,989,001
100,000-250,000	60	\$9,950,689	51	\$8,785,822
250,000-499,999	31	\$10,596,992	41	\$14,339,324
500,000-999,999	32	\$22,723,748	23	\$16,017,297
Over 1,000,000	18	\$34,978,948	15	\$32,699,312

Table 39. Total economic impact from commercial fishing in NC from 1994 to 2004.

Year	Ex-Vessel Value	Total Economic Impact	Participants	Jobs Created	Total Jobs
1994	\$91,415,445	\$146,274,084	5,317	809	6,126
1995	\$110,769,730	\$177,238,671	5,494	953	6,447
1996	\$105,696,829	\$169,123,676	5,207	883	6,090
1997	\$109,126,048	\$174,610,225	5,160	891	6,051
1998	\$101,021,098	\$161,642,420	4,688	812	5,500
1999	\$99,305,354	\$158,895,386	4,845	781	5,626
2000	\$108,332,269	\$173,341,670	5,301	825	6,126
2001	\$88,135,041	\$141,015,251	5,077	652	5,729
2002	\$94,742,406	\$151,588,744	4,695	690	5,385
2003	\$87,123,355	\$139,393,464	4,352	620	4,972
2004	\$79,744,046	\$127,583,239	4,256	553	4,809

NOTE: Total economic impact and the total number of jobs created were calculated using Implan Pro Version 2.0. Implan Pro Version 2.0[®] is a computerized database and modeling software that computes a regional input-output analysis of economic activity. North Carolina's ex-vessel value and the total number of licensed participants that landed in North Carolina are used as inputs to the Implan software. Economic impact values are not adjusted for inflation.

Table 40. Total licenses with ability to sell finfish or shellfish issued and used by product year, July 1 - June 30.

Product Year¹	Licenses Issued	Licenses Used
1994	6,779	4,819
1995	7,535	6,544
1996	7,798	7,148
1997	8,173	6,715
1998	8,595	7,008
1999	8,426	6,528
2000	9,711	5,892
2001	9,677	5,805
2002	9,712	5,353
2003	9,494	5,013
2004	9,146	4,717

¹1994-1998 data derived from hard copy sales reports from the Historical License Statistics Book located within the L&S Library. 1999 data derived from hard copy report used to establish the SCFL Eligibility Pool. 2000 - present data derived from the FIN system.

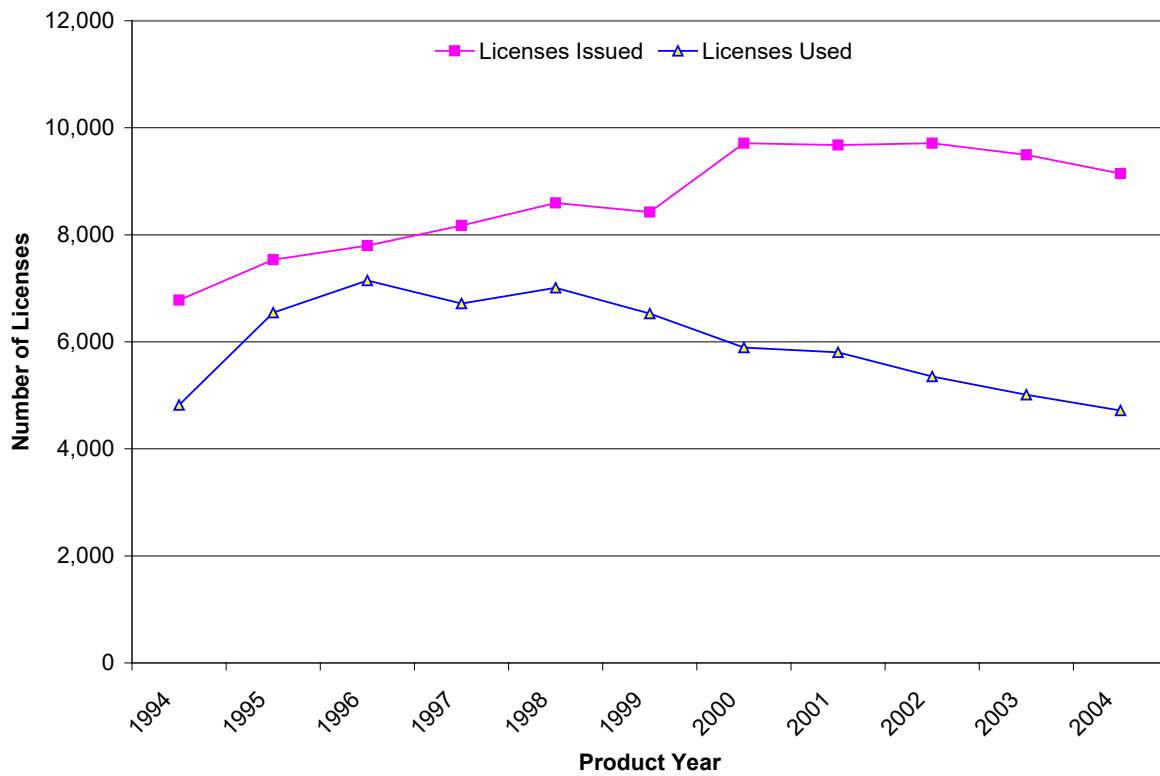


Figure 5. Total licenses with the ability to sell finfish or shellfish issued and used by product year, July 1 - June 30.

Appendix 1. List of commercial species landed in North Carolina and codes used in the trip ticket program. Conversion refers to the multiplier used to convert to whole weight. Group indicates species groupings used throughout this document.

DMF Code	Common Name	Scientific Name	Condition	Conversion	Group	NMFS Code
100	River Herring	Alosa spp.	whole	1	River Herring	10
101			guttled	1.14		
102			numbers	0.25		
103			carcass	1.35		
105	Amberjack	Seriola spp.	whole	1	Amberjack	30
106			guttled	1.04		
110	Angelfish	Pomacanthidae	whole	1	Finfish, Other	90
115	Anglerfish (Monkfish)	Lophius spp.	whole	1	Monkfish	120
116			tails	2		
117			livers	1		
120	Bigeye	Priacanthidae	whole	1	Finfish, Other	140
125	Barracuda	Sphyræna barracuda	whole	1	Finfish, Other	180
126			guttled	1.11	Finfish, Other	
130	Barrelfish	Hyperoglyphe perciformes	whole	1	Finfish, Other	193
131			guttled	1.25	Finfish, Other	
135	Bluefish	Pomatomus saltatrix	whole	1	Bluefish	230
136			guttled	1.09		
140	Blue Runner	Caranx crysos	whole	1	Finfish, Other	270
145	Atlantic Bonito	Sarda sarda	whole	1	Tunas	330
150	Bowfin	Amia calva	whole	1	Finfish, Other	360
155	Butterfish	Pepilus triacanthus	whole	1	Finfish, Other	521
160	Cobia	Rachycentron canadum	whole	1	Finfish, Other	570
161			guttled	1.25		630
165	Carp, Common	Cyprinus carpio	whole	1	Finfish, Other	
170	Catfish, Uncl	Ictalurus spp.	whole	1	Catfishes	661
171			dressed	1.45		
172	Catfish, White	Ameiurus spp.	whole	1	Catfishes	661
173			dressed	1.45		
175	Catfish, Bullhead	Ameiurus spp.	whole	1	Catfishes	661
176			dressed	1.45		
178	Catfish, Channel	Ictalurus spp.	whole	1	Catfishes	663
179			dressed	1.45		
180	Catfish, White/Channel	Ameiurus/Ictalurus spp.	whole	1	Catfishes	660
181			dressed	1.45		

Appendix 1. List of commercial species landed in North Carolina and codes used in the trip ticket program. Conversion refers to the multiplier used to convert to whole weight. Group indicates species groupings used throughout this document (*continued*).

DMF Code	Common Name	Scientific Name	Condition	Conversion	Group	NMFS Code
182	Catfish, Blue	Ictalurus spp.	whole	1	Catfishes	662
183			dressed	1.45		
185	Cod	Gadus morhua	whole	1	Finfish, Other	820
186	Bearded Brotula	Brotula barbata	whole	1	Finfish, Other	1144
190	Jack Crevalle	Caranx hippos	whole	1	Finfish, Other	870
191			gutted	1.04		
193	Jack Almaco	Seriola rivoliana	whole	1	Finfish, Other	1810
194			gutted	1.04		
195	Croaker, Atlantic	Micropogon undulatus	whole	1	Croaker	925
200	Cutlassfish (Ribbonfish)	Trichiurus lepturus	whole	1	Finfish, Other	990
201			numbers	0.17		1050
205	Dolphinfish	Coryphaena hippurus	whole	1	Dolphinfish	
206			gutted	1.04		
207			gutted/headed	1.39		
208			fillet	3.33		
210	Drum, Black	Pogonias cromis	whole	1	Finfish, Other	1081
215	Drum, Red	Sciaenops ocellata	whole	1	Drum, Red	1082
220	Eel, American	Anguilla rostrata	whole	1	Eel, American	1141
223	Eel, Moray	Muraenidae	whole	1	Finfish, Other	1143
225	Eel, Conger	Congridae	whole	1	Finfish, Other	1142
226			dressed	2.22		
230	Flounders, Paralichthid	Paralichthys spp.	whole	1	Summer or	1211
231			bled	1	Southern	1209
232			live	1	(depends on	
233			fillets	2	where caught)	
235	Flounder, Winter	Pseudopheuronectes americanus	whole	1	Finfish, Other	1199
240	Flounder, Witch	Glyptocephalus cynoglossus	whole	1	Finfish, Other	1215
245	Flounder, Yellowtail	Limanda ferruginea	whole	1	Finfish, Other	1228
250	Gar, Longnose	Tylosurus spp.	whole	1	Finfish, Other	1330
255	Shad, Gizzard	Dorosoma cepedianum	whole	1	Shad, Gizzard	1340
260	Grouper, uncl	Serranidae	whole	1	Groupers	1410
261			gutted	1.25		
263	Grouper, Longtail Bass	Hemanthias leptus	whole	1	Groupers	1410
264			gutted	1.25		
265	Grouper, Speckled Hind	Epinephelus drummondhayi	whole	1	Groupers	1411
266			gutted	1.25		

Appendix 1. List of commercial species landed in North Carolina and codes used in the trip ticket program. Conversion refers to the multiplier used to convert to whole weight. Group indicates species groupings used throughout this document (*continued*).

DMF Code	Common Name	Scientific Name	Condition	Conversion	Group	NMFS Code
270	Grouper, Rock Hind	Epinephelus adscensionis	whole	1	Groupers	1412
271			gutted	1.25		
275	Grouper, Red Hind	Epinephelus guttatus	whole	1	Groupers	1413
276			gutted	1.25		
280	Grouper, Snowy	Epinephelus niveatus	whole	1	Groupers	1414
281			gutted	1.25		
285	Grouper, Yellowedge	Epinephelus flavolimbatus	whole	1	Groupers	1415
286			gutted	1.25		
290	Grouper, Red	Epinephelus morio	whole	1	Groupers	1416
291			gutted	1.25		
295	Grouper, Marbled	Epinephelus inermis	whole	1	Groupers	1417
296			gutted	1.25		
300	Grouper, Misty	Epinephelus mystacinus	whole	1	Groupers	1420
301			gutted	1.25		
305	Grouper, Black	Mycteroperca bonaci	whole	1	Groupers	1422
306			gutted	1.25		
310	Grouper, Gag	Mycteroperca microlepis	whole	1	Groupers	1423
311			gutted	1.25		
315	Grouper, Scamp	Mycteroperca phenax	whole	1	Groupers	1424
316			gutted	1.25		
320	Grouper, Yellowmouth	Mycteroperca interstitialis	whole	1	Groupers	1425
321			gutted	1.25		
325	Grouper, Yellowfin	Mycteroperca venenosa	whole	1	Groupers	1426
326			gutted	1.25		
330	Grouper, Creole-Fish	Paranthias furcifer	whole	1	Groupers	1427
331			gutted	1.25		
335	Grouper, Graysby	Epinephelus cruentatus	whole	1	Groupers	1428
336			gutted	1.25		
340	Grouper, Coney	Epinephelus fulvus	whole	1	Groupers	1429
			gutted	1.25		
345	Grouper, Warsaw	Epinephelus nigritus	whole	1	Groupers	4740
346			gutted	1.25		
350	Grunts	Haemulon spp.	whole	1	Finfish, Other	1440
355	Margates	Haemulidae	whole	1	Finfish, Other	1442
359	Lizardfish	Synodus foetens	whole	1	Finfish, Other	5261
360	Haddock	Melanogrammus aeglefinus	whole	1	Finfish, Other	1480
365	Hakes (Ling, Whiting)	Gadidae	whole	1	Finfish, Other	1550

Appendix 1. List of commercial species landed in North Carolina and codes used in the trip ticket program. Conversion refers to the multiplier used to convert to whole weight. Group indicates species groupings used throughout this document (*continued*).

DMF Code	Common Name	Scientific Name	Condition	Conversion	Group	NMFS Code
370	Starbutter (Harvestfish)	Peprilus spp.	whole	1	Finfish, Other	1656
373	Herring, Atlantic (Sea)	Clupea harengus	whole	1	Finfish, Other	1670
375	Herring, Atlantic Thread	Opinthonema oglinum	whole (lbs)	1	Herring, Thread	1687
376			whole (thousands)	670		
380	Shad, Hickory	Alosa mediocris	whole	1	Shad, Hickory	1730
385	Hogfish, Hog Snapper	Lachnolaimus maximus	whole	1	Hog Snapper	1790
386			gutted	1.25		
390	Pompano, African	Alectis ciliaris	whole	1	Finfish, Other	1807
392	American John Dory	Zenopsis ocellata	whole	1	Finfish, Other	1880
393	Banded Rudderfish	Seriola zonata	whole	1	Finfish, Other	1817
394			gutted	1.04		
395	Mackerel, King	Scomberomorus cavalla	whole	1	Mackerel, King	1440
396			gutted	1.04		
400	Kingfish (Sea Mullet)	Menticirrhus spp.	whole	1	Sea Mullet	1970
405	Lamprey	Petromyzon marinus	whole	1	Finfish, Other	2030
408	Lookdown	Selene vomer	whole	1	Finfish, Other	2095
410	Mackerel, Atlantic	Scomber scombrus	whole	1	Finfish, Other	2120
415	Menhaden, Atlantic	Brevoortia tyrannus	whole (lbs)	1	Menhaden	2210
416			whole (thousands)	670		
417			whole (number)	0.67		
420	Menhaden, Atlantic (Bait)	Brevoortia tyrannus	whole (lbs)	1	Menhaden	2211
421			whole (number)	0.67		
422			whole (dozens)	8.04		
425	Ocean Perch	Sebastes spp.	whole	1	Finfish, Other	2400
430	Blackbelly Rosefish	Helicolenus dactylopterus	whole	1	Finfish, Other	2420
435	Mullet, Striped (Jumping)	Mugil cephalus	whole	1	Mullet	2341
436			whole (numbers)	2		
438	Escolar	Lepidocybium flavobrunneum	whole	1	Finfish, Other	2501
440	Oilfish	Ruvettus pretiosus	whole	1	Finfish, Other	2502
442	Parrotfish	Scaridae	whole	1	Finfish, Other	2520
443	Opah	Lampris guttatus	whole	1	Finfish, Other	2503
444			gutted	1		
445	Permit	Trachinotus falcatus	whole	1	Finfish, Other	2550
450	Hogfish (Pigfish)	Orthopristis chrysoptera	whole	1	Finfish, Other	2580

Appendix 1. List of commercial species landed in North Carolina and codes used in the trip ticket program. Conversion refers to the multiplier used to convert to whole weight. Group indicates species groupings used throughout this document (*continued*).

DMF Code	Common Name	Scientific Name	Condition	Conversion	Group	NMFS Code
452	Pike	Exos lucius	whole	1	Finfish, Other	2610
455	Pinfish	Lagodon rhomboides	whole	1	Finfish, Other	2670
460	Pollock, Atlantic	Pollachius virens	whole	1	Finfish, Other	2690
465	Pompano, Florida	Trachinotus carolinus	whole	1	Finfish, Other	2720
467	Scorpionfish	Scorpaenidae	whole	1	Finfish, Other	2959
470	Perch, Sand	Diplectrum formosum	whole	1	Finfish, Other	3110
475	Scups	Stenotomus chrysops	whole	1	Scup	3298
477	Porgy, Longspine	Stenotomus caprinus	whole	1	Porgies	3320
480	Porgies	Sparidae	whole	1	Porgies	3295
481			gutted	1.25		
485	Porgy, Red (Pink Snapper)	Pagrus pagrus	whole	1	Porgies	3302
486			gutted	1.25		
490	Porgy, Saucereye	Calamus calamus	whole	1	Porgies	3304
495	Porgy, Whitebone	Calamus leucosteus	whole	1	Porgies	3306
500	Porgy, Jolthead (Knobbed)	Calamus bajonado	whole	1	Porgies	3308
505	Porgy, Littlehead	Calamus proridens	whole	1	Porgies	3310
510	Pinfish, Spottail	Diplodus holbrooki	whole	1	Finfish, Other	3314
515	Sea Bass, Black	Centropristis striata	whole	1	Sea Basses	3360
518	Sea Bass, Kelp (Rock)	Centropristis philadelphica	whole	1	Sea Basses	3360
519	Catfish, Hardhead	Arius felis	whole	1	Finfish, Other	3380
520	Sea Robin	Triglidae	whole	1	Finfish, Other	3410
525	Weakfish (Gray Trout)	Cynoscion regalis	whole	1	Weakfish	3446
526			fillet	2.44		
530	Sea Trout, Spotted	Cynoscion nebulosus	whole	1	Sea Trout, Spotted	3447
533	Sea Trout, Silver	Cynoscion nothus	whole	1	Finfish, Other	3455
535	Shad, American	Alosa sapidissima	whole	1	Shad, American	3474
540	Sharks, uncl	Elasmobranchs	whole	1	Sharks	3508
541			carcass	2		
542			fins	1		
543	Shark, Bull	Carcharhinus leucas	whole	1	Sharks	3497
544			carcass	2		
545	Shark, Sand Tiger	Odontaspis taurus	whole	1	Sharks	3482
546			carcass	2		

Appendix 1. List of commercial species landed in North Carolina and codes used in the trip ticket program. Conversion refers to the multiplier used to convert to whole weight. Group indicates species groupings used throughout this document (*continued*).

DMF Code	Common Name	Scientific Name	Condition	Conversion	Group	NMFS Code
548	Shark, Atlantic Sharpnose	Rhizoprionodon terraenovae	whole	1	Sharks	3518
549			carcass	2		
550	Shark, Blacktip	Carcharhinus limbatus	whole	1	Sharks	3495
551			carcass	2		
553	Shark, Angel	Squatina dumerili	whole	1	Sharks	3508
554			carcass	2		
555	Shark, Shortfin Mako	Isurus oxyrinchus	whole	1	Sharks	3505
556			carcass	2		
557	Shark, Longfin Mako	Isurus paucus	whole	1	Sharks	3502
558			carcass	2		
560	Shark, Thresher	Alopius vulpinus	whole	1	Sharks	3509
561			carcass	2		
565	Shark, White	Carcharodon carcharias	whole	1	Sharks	3512
566			carcass	2		
570	Shark, Sandbar	Carcharhinus plumbeus	whole	1	Sharks	3513
571			carcass	2		
575	Shark, Dusky	Carcharhinus obscurus	whole	1	Sharks	3514
576			carcass	2		
580	Shark, Tiger	Galeocerdo cuvieri	whole	1	Sharks	3515
581			carcass	2		
585	Shark, Bonnethead	Sphyrna tiburo	whole	1	Sharks	3516
586			carcass	2		
589	Dogfish, uncl	Squalidae	whole	1	Sharks, Dogfishes	3503
590	Dogfish, Smooth	Mustelus canis	whole	1	Sharks, Dogfishes	3511
591			gutted	1.2		
592			fins	1		
593			numbers	1		
594			carcass	2		
595	Dogfish, Spiny	Squalus acanthius	whole	1	Sharks, Dogfishes	3521
596			gutted	1.2		
599			numbers	7		
597	Shark, Lemon	Negaprion brevirostris	whole	1	Sharks	3517
598			carcass	2		
600	Sheepshead	Archosargus probatocephalus	whole	1	Finfish, Other	3560
605	Skates	Rajidae	whole	1	Skates and Rays	3650
606			wings	1		
607			numbers	1.5		
608	Sting Ray	Dasyatidae	whole	1	Skates and Rays	2860
609			numbers	2		

Appendix 1. List of commercial species landed in North Carolina and codes used in the trip ticket program. Conversion refers to the multiplier used to convert to whole weight. Group indicates species groupings used throughout this document (*continued*).

DMF Code	Common Name	Scientific Name	Condition	Conversion	Group	NMFS Code
610	Needlefish(Houndfish, Gars)	Belonidae	whole	1	Finfish, Other	3680
615	Snapper, Blackfin	Lutjanus buccanella	whole	1	Snappers	3757
616			gutted	1.08		
620	Snapper, Silk	Lutjanus vivanus	whole	1	Snappers	3758
621			gutted	1.08		
625	Snapper, Cubera	Lutjanus cyanopterus	whole	1	Snappers	3759
626			gutted	1.08		
630	Snapper, Gray	Lutjanus griseus	whole	1	Snappers	3760
631			gutted	1.08		
635	Snapper, Mutton	Lutjanus analis	whole	1	Snappers	3763
636			gutted	1.08		
640	Snapper, Red	Lutjanus campechanus	whole	1	Snappers	3764
641			gutted	1.08		
645	Snapper, Vermillion (Beeliner)	Rhomboplites aurorubens	whole	1	Snappers	3765
646			gutted	1.08		
650	Snapper, Yellowtail	Ocyurus chrysurus	whole	1	Snappers	3767
651			gutted	1.08		
655	Snapper, Uncl (Toro)	Lutjanidae	whole	1	Snappers	3768
656			gutted	1.08		
660	Snapper, Queen (Ballbat)	Etelis oculatus	whole	1	Snappers	3770
661			gutted	1.08		
665	Spadefish, Atlantic	Chaetodipterus faber	whole	1	Spadefish	3810
670	Mackerel, Spanish	Scomberomorus maculatus	whole	1	Mackerel, Spanish	3840
671			gutted	1.15		
675	Spot	Leiostomus xanthurus	whole	1	Spot	4060
677	Squirrelfishes	Holocentridae	whole	1	Finfish, Other	4120
678			gutted	1.08		
680	Striped Bass	Morone saxatilis	whole	1	Striped Bass	4180
685	Puffer, Northern	Sphoeroides maculatus	whole	1	Finfish, Other	4290
686			dressed	4		
690	Swordfish	Xiphias gladius	whole	1	Swordfish	4320
691			carcass	1.49		
692			loins	3.33		
695	Tautog	Tautoga onitis	whole	1	Tautog	4380
700	Ladyfish	Elops saurus	whole	1	Finfish, Other	4410
705	Tilefish, Gold	Lopholatilus chamaeleonticeps	whole	1	Tilefishes	4470
706			gutted	1.09		
707			fillet	2.94		

Appendix 1. List of commercial species landed in North Carolina and codes used in the trip ticket program. Conversion refers to the multiplier used to convert to whole weight. Group indicates species groupings used throughout this document (*continued*).

DMF Code	Common Name	Scientific Name	Condition	Conversion	Group	NMFS Code
710	Tilefish, Blueline (Grey)	Caulolatilus microps	whole	1	Tilefishes	4474
711			gutted	1.09		
712			fillet	2.94		
713	Oyster Toadfish	Opsanus tau	whole	1	Finfish, Other	4500
715	Tilefish, Sand	Malacanthus plumieri	whole	1	Tilefishes	4478
720	Triggerfish	Balistidae	whole	1	Triggerfish	4560
721			fillet	3.57		
725	Tripletail (Strawberry Bass)	Lobotes surinamensis	whole	1	Finfish, Other	4590
730	Tunny, Little	Euthynnus alletteratus	whole	1	Tunas	4653
731			gutted	1.25		
732	Tuna (uncl)	Scombridae	whole	1	Tunas	4656
733			gutted	1.25		
734			loins	2.86		
737			carcass	1.49		
735	Tuna, Albacore	Thunnus alalunga	whole	1	Tunas	4651
736			carcass	1.49		
740	Tuna, Bluefin	Thunnus thynnus	whole	1	Tunas	4652
741			carcass	1.49		
743	Tuna, Skipjack	Katsuwonus pelamis	whole	1	Tunas	4654
744			carcass	1.49		
745	Tuna, Yellowfin	Thunnus albacares	whole	1	Tunas	4655
746			gutted	1.25		
747			carcass	1.49		
750	Tuna, Bigeye	Thunnus obesus	whole	1	Tunas	4657
751			gutted	1.25		
752			carcass	1.49		
755	Tuna, Blackfin	Thunnus atlanticus	whole	1	Tunas	4658
756			gutted	1.25		
757			carcass	1.49		
760	Wahoo	Acanthocybium solanderi	whole	1	Wahoo	4710
761			gutted	1.04		
762			carcass	1.33		
763			fillet	2.86		
765	Perch, White	Morone americanus	whole	1	Perch, White	5060
766			whole (dozens)	1		
775	Wreckfish	Polyprion americanus	whole	1	Finfish, Other	5131
776			gutted	1.11		
780	Perch, Yellow	Perca flavescens	whole	1	Perch, Yellow	5170
785	Unclass. For Food		whole	1	Finfish, Other	5260

Appendix 1. List of commercial species landed in North Carolina and codes used in the trip ticket program. Conversion refers to the multiplier used to convert to whole weight. Group indicates species groupings used throughout this document (*continued*).

DMF Code	Common Name	Scientific Name	Condition	Conversion	Group	NMFS Code
786	Stargazers	Uranoscopidae	whole	1	Finfish, Other	5261
790	Bait	Osteichthyes	whole	1	Finfish, Other	5290
795	Minnows	Osteichthyes	whole (dozens)	1	Finfish, Other	2230
796			whole (numbers)	0.08		
797			whole (lbs)	1		
800	Crabs, Blue (Hard)	Callinectes sapidus	whole (lbs)	1	Blue Crabs, Hard	7000
801			whole (bushels)	40		
802			whole (numbers)	0.33		
803			whole (dozens)	4		
805	Crabs, Blue (Peeler)	Callinectes sapidus	whole (lbs)	1	Blue Crabs, Peeler	7028
806			whole (number)	0.33		
807			whole (dozen)	4		
808			whole (bushels)	40		
810	Crabs, Blue (Soft)	Callinectes sapidus	whole (lbs)	1	Blue Crabs, Soft	7029
811			whole (number)	0.33		
812			whole (dozen)	4		
813			whole (numbers,dead)	40		
815	Crabs, Stone	Menippe mercenaria	claws (lbs)	1	Shellfish, Other	7180
816	Crabs, Jonah	Cancer borealis	whole	1	Shellfish, Other	7110
817			claws (lbs)	1		7111
818	Crabs, Spider	Mithrax spp.	whole	1	Shellfish, Other	7150
820	Crabs, Horseshoe	Limulus polyphemus	whole	1	Shellfish, Other	7240
821			numbers	3		
825	Lobster, American	Homarus americanus	whole	1	Shellfish, Other	7270
830	Lobster, Spiny	Panularis argus	whole (lbs)	1	Shellfish, Other	7300
831			whole (numbers)	1		
834	Shrimp, Royal Red	Pleoticus robustus	mixed	1	Shrimp, Royal Red	7330
835-848	Shrimp, Brown	Farfantepenaeus aztecus	mixed (all sizes)	1	Shrimp, Brown	7310
849			numbers	0.01		
896			dozens	0.12		
850-863	Shrimp, Pink (Spotted)	Farfantepenaeus duorarum	mixed (all sizes)	1	Shrimp, Pink	7320
864			numbers	0.01		
897			dozens	0.12		
865-878	Shrimp, White (Greentail)	Litopenaeus setiferus	mixed (all sizes)	1	Shrimp, White	7340
879			numbers	0.01		
898			dozens	0.12		
880-893	Shrimp, Uncl.	Paneus spp.	mixed (all sizes)	1	Shrimp, Uncl.	7360
894			numbers	0.01		
899			dozens	0.12		

Appendix 1. List of commercial species landed in North Carolina and codes used in the trip ticket program. Conversion refers to the multiplier used to convert to whole weight. Group indicates species groupings used throughout this document (continued).

DMF Code	Common Name	Scientific Name	Condition	Conversion	Group	NMFS Code
895	Shrimp, Rock	Sicyonia spp.	whole	1	Shellfish, Other	7325
900	Clam, Hard	Mercenaria spp.	meats (lbs)	1	Clams, Hard	7480
901			number	0.02		
902			bushels	8.75		
903			bags	5		
905	Clams, Sunray Venus	Microcallista spp.	whole	0.1	Shellfish, Other	7520
908	Clam, Blood	Anadara ovalis	whole	0.09	Shellfish, Other	7720
910	Clam, Rangia	Rangia cuneata	meats (lbs)	1	Shellfish, Other	7590
911			whole (lbs)	0.09		
912			whole (number)	0.01		
913			shell only (lbs)	1		
915	Conchs/Whelks	Busycon spp.	meats (lbs)	1	Shellfish, Other	7750
916			shell (lbs)	0.33		
917			bags	20		
918			number	0.16		
920	Octopus	Octopus vulgaris	whole	1	Shellfish, Other	7860
921			numbers	1		
922	Moon Snail	Pollinices duplicatus	meats (lbs)	1	Shellfish, Other	7750
923			whole (lbs)	0.1		
925	Oyster, Common	Crassostrea virginica	meats (lbs)	1	Oysters	7890
926			bushels	5.29		
927			number	0.13		
930	Scallop, Bay	Argopecten irradians	meats (lbs)	1	Scallop, Bay	8001
931			bushels	5		
932			gallons	8		
935	Scallop, Calico	Argopecten gibbus	meats (lbs)	1	Shellfish, Other	8005
936			bushels	4.37		
940	Scallop, Sea	Placopecten magellanicus	meats (lbs)	1	Shellfish, Other	8009
941			bushels	8		
942			gallons	8		
945	Squid, Loligo	Loliginidae	whole	1	Shellfish, Other	2030
947			numbers	0.13		
946	Squid, Illex	Illex spp.	whole	1	Shellfish, Other	8031
950	Turtles, Snapping	Chelydra serpentina	whole	1	Shellfish, Other	8116
980	Starfish	Echinodermata	whole	1	Shellfish, Other	8280
990	Shellfish, Unclassified	Crustacean or Molluscan	whole	1	Shellfish, Other	8990

Appendix 2. Examples of NC Division of Marine Fisheries trip tickets.

FISHERMAN NAME:		FISH DEALER #	
FISHERMAN LICENSE #		1 CHECK BOX IF NO VESSEL USED → →	
TRIP START DATE	MO / DAY / YR	CFVR #	P
UNLOADING DATE	MO / DAY / YR	NO. OF CREW:	

CIRCLE ALL GEARS USED

020	Beach Seine	340	Eel Pot	610	Rod-n-Reel
030	Haul Seine	345	Fish Pot	660	Trolling
025	Swipe Net	425	Gill Net Set (Float)	677	Longline Shark
125	Purse Seine	480	Gill Net Set (Sink)	735	Cast Net
275	Pound Net	470	Gill Net Drift	760	Gigs
310	Hoop/Fyke Net	475	Runaround Net		

CIRCLE ONE WATERBODY WHERE MOST OF CATCH WAS MADE

01	Albemarle Sound	10	Currutuck Sound	33	Pamlico River
02	Alligator River	11	Lockwood Folly	34	Pamlico Sound
03	Bay River	12	Masonboro Sd.	45	Roanoke Sound
05	Bogue Sound	29	Neuse River	38	Shallotte River
06	Cape Fear River	30	New River	39	Stump Sound
08	Core Sound	31	Newport River	41	Topsail Sound
09	Croatan Sound	43	North River/Back Sound	42	White Oak River
53	Inland Waterway - Brunswick	54	Inland Waterway - Onslow		
20	Ocean 0-3 miles (North of Cape Hatteras)	21	Ocean 0-3 miles (South of Cape Hatteras)		
22	Ocean greater than 3 miles (North of Cape Hatteras)	23	Ocean greater than 3 miles (South of Cape Hatteras)		

KIND	CODE	POUNDS	UNIT PRICE	TOTAL PRICE
Black Drum	2100			
Bluefish Small	1352			
Med.	1353			
Lg.	1354			
Lg. Gutted	1364			
Butterfish	1550			
Catfish Mixed	1700			
Croaker Small	1952			
Med.	1953			
Lg.	1954			
Dogfish-Smooth Carcass	5940			
Dogfish-Smooth Fins	5920			
Dogfish-Spiny Whole	5950			
Flounder Small	2302			
Med.	2303			
Lg.	2304			
Jumbo	2305			
Eels, American	2200			

1 - NORTH CAROLINA TRIP TICKET (FINFISH)

KIND		CODE	POUNDS	UNIT PRICE	TOTAL PRICE
Gars/Skippers		6100			
Gray Trout	Pan	5252			
	Med.	5253			
	Lg.	5254			
Hogfish/Pigfish		4500			
Jumping Mullet		4350			
Mullet	Red Roe	4357			
	White Roe	4358			
Little Tunny Whole (F. Alb.)		7300			
Menhaden Bait (LB)		4200			
Pompano	Small	4652			
	Lg.	4654			
Puffers Whole (Sea Chickens)		6850			
Puppy/Red Drum	Redfish	2150			
Sea Mullet		4000			
Roe Shad (Am. Shad)		5356			
Buck Shad (Am. Shad)		5359			
Jacks (Hickory Shad)		3800			
Sharks Mixed	Carcass	5410			
	Fins	5420			
Sheepshead		6000			
Spadefish		6650			
Spanish Mackerel	Small	6702			
	Med.	6703			
	Lg.	6704			
Speckled Trout	Pan	5302			
	Med.	5303			
	Lg.	5304			
Spot		6750			
Starbutters		3700			
Striped Bass		6800			
White Perch		7650			
Bait		7900			
Menhaden		4150			
Thread Herring		3750			
Dealer/Fisherman Use					

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North Carolina Division of Marine Fisheries, PO Box 769, Morehead City, NC 28557-0769

Appendix 2. Examples of NC Division of Marine Fisheries trip tickets (continued).

FISHERMAN NAME:		FISH DEALER #	
FISHERMAN LICENSE #		1 CHECK BOX IF NO VESSEL USED → →	
TRIP START DATE	MO / DAY / YR	CFVR #	P
UNLOADING DATE	MO / DAY / YR	NO. OF CREW:	

CIRCLE ALL GEARS USED

610	Bottomfishing (Bandits/Rod-n-reel)	677	Longline Shark
660	Trolling/Lightline (Bandits/Rod-n-reel)	943	Spears (Diving)
675	Longline Surface	345	Fish Pots
676	Longline Bottom	480	Gill Net Set (Sink)

CIRCLE ONE WATERBODY WHERE MOST OF CATCH WAS MADE

20	Ocean 0-3 miles (North of Cape Hatteras)	22	Ocean greater than 3 miles (North of Cape Hatteras)
21	Ocean 0-3 miles (South of Cape Hatteras)	23	Ocean greater than 3 miles (South of Cape Hatteras)

KIND	CODE	POUNDS	UNIT PRICE	TOTAL PRICE
Beeliner 1/2-1	6462			
1-2	6463			
2-4	6464			
4+	6465			
Pink Snapper Mixed Guttled	4860			
Black/Gag Grouper Whole	3100			
Black/Gag Grouper Guttled	3110			
Scamp	3160			
Red Grouper	2910			
Strawberry/Red Hind	2760			
Snowy Grouper Small	2812			
Med.	2813			
Lg.	2814			
Mixed Grouper	2610			
Red Snapper	6410			
Mutton Snapper	6360			
Hogfish Guttled	3860			
Grunts	3500			
Amberjack Guttled	1060			
Whole	1050			
Jolthead (Knobbed) Porgy	5000			
Triggerfish	7200			
Conger (Offshore) Eels	2250			

2 - NORTH CAROLINA TRIP TICKET (REEFFISH/PELAGIC)

KIND	CODE	POUNDS	UNIT PRICE	TOTAL PRICE
Sea Bass Small	5152			
Med.	5153			
Lg.	5154			
Jumbo	5155			
Kelp/Rock Bass Mixed	5180			
Spottail/Ringtail Pinfish	5100			
Octopus (LB)	9200			
Gold Tilefish Small Guttled	7062			
Med. Guttled	7063			
Lg. Guttled	7064			
Gray Tilefish Small Guttled	7112			
Med. Guttled	7113			
Lg. Guttled	7114			
Bluefish Lg.	1354			
King Mackerel Snake Guttled	3962			
Med. Guttled	3963			
Lg. Guttled	3964			
Spanish Mackerel Mixed Whole	6700			
Dolphin Small Guttled	2062			
Lg. Guttled	2064			
Wahoo Guttled	7610			
Cobia Guttled	1610			
Sharks Carcass	5410			
Shark Fins	5420			
Blacktip Shark Carcass	5510			
Thresher Shark Carcass	5610			
Sandbar Shark Carcass	5710			
Mako Sharks Carcass	5560			
Swordfish Mixed Carcass	6910			
Little Tunny Whole (F. Alb.)	7300			
Blackfin Tuna Carcass	7570			
Bigeye Tuna Carcass	7520			
Yellowfin Tuna Mixed Whole	7450			
Mixed Guttled	7460			
Small Guttled	7462			
Mixed Carcass	7470			
Small Carcass	7472			
Lg. Carcass	7474			

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North Carolina Division of Marine Fisheries, PO Box 769, Morehead City, NC 28557-0769

Appendix 2. Examples of NC Division of Marine Fisheries trip tickets (continued).

6 - 304052

NORTH CAROLINA TRIP TICKET (SHRIMP)

FISH DEALER #	
FISHERMAN NAME:	
FISHERMAN LIC. #	
TRIP START DATE	MO. / DAY / YR.
UNLOADING DATE	MO. / DAY / YR.
← ← 1 CHECK BOX IF NO VESSEL USED	
COMM. FISHING VESSEL REG. #	P
NO. OF CREW:	

CIRCLE IF CATCH WAS MADE OFF STATE OTHER THAN NORTH CAROLINA

43	South Carolina	13	Georgia	(Write-In)
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CIRCLE ALL GEARS USED

215	Shrimp Trawl	189	Butterfly Net
180	Channel Net	289	Shrimp Pound
194	Skimmer Trawl	735	Cast Net
035	Common Seine (Shore Net)		

CIRCLE ONE WATERBODY WHERE MOST OF CATCH WAS MADE

03	Bay River	43	North River
05	Bogue Sound	33	Pamlico River
06	Cape Fear River	34	Pamlico Sound
08	Core Sound	52	Pungo River
09	Croatan Sound	45	Roanoke Sound
50	Inland Waterway	38	Shalotte River
12	Masonboro Sound	39	Stump Sound
29	Neuse River	41	Topsail Sound
30	New River	42	White Oak River
31	Newport River		

20	Ocean 0 – 3 miles (North of Cape Hatteras)
22	Ocean greater than 3 miles (North of C. Hatteras)
21	Ocean 0 – 3 miles (South of Cape Hatteras)
23	Ocean greater than 3 miles (South of C. Hatteras)

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SIZE	CIRCLE SHRIMP CODE BELOW			CIRCLE HEADS ON OR OFF BELOW		TRANSACTION #		
	BROWN Summer	PINK Spotted	WHITE Greentails	Heads On	Heads Off	POUNDS	UNIT PRICE	TOTAL PRICE
0/15	836	851	866	0	1			
16/20	837	852	867	0	1			
21/25	838	853	868	0	1			
26/30	839	854	869	0	1			
31/35	840	855	870	0	1			
36/40	841	856	871	0	1			
41/45	842	857	872	0	1			
46/50	843	858	873	0	1			
51/55	844	859	874	0	1			
56/60	845	860	875	0	1			
60/70	846	861	876	0	1			
70/80	847	862	877	0	1			
80 +	848	863	878	0	1			
MIXED	835	850	865	0	1			
Rock Shrimp				Heads On		8950		
Hard Crabs				Straight (LB)		8000		
Hard Crabs				Jimmies (LB)		8009		
Soft Crabs				Number		8110		
Peeler Crabs				Number		8060		
Butterfish						1550		
Croaker						1950		
Flounder				Small		2302		
				Medium		2303		
				Large		2304		
Gray Trout				Pan		5252		
				Medium		5253		
Hogfish/Pigfish						4500		
Mixed Fish						7850		
Sea Mullet						4000		
Sheepshead						6000		
Spanish Mackerel						6700		
Spot						6750		
Squid (<i>Loligo</i>)						9450		
Starbutters						3700		

North Carolina Division of Marine Fisheries, PO Box 769, Morehead City, NC 28557

Appendix 2. Examples of NC Division of Marine Fisheries trip tickets (continued).

7-648451

NORTH CAROLINA TRIP TICKET (SHELLFISH)

FISH DEALER #	
FISHERMAN NAME:	
FISHERMAN LICENSE #	
TRIP START DATE	MO / DAY / YR
UNLOADING DATE	MO / DAY / YR
← ← 1 CHECK BOX IF NO VESSEL USED	
COMMERCIAL FISHING VESSEL REG. #	P
NO. OF CREW	

TRANSACTION #	
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CIRCLE BOTTOM TYPE		IF CATCH WAS MADE FROM LEASED BOTTOM INCLUDE LEASE NUMBER BELOW
1	PUBLIC BOTTOM	
2	LEASED BOTTOM →	Lease # _____

DMF SHELLFISH PLANTED SITE? CIRCLE YES OR NO		DESIGNATED SHELLFISH HARVEST AREA <i>Enter area designated from a Shellfish Sanitation map</i>	
1	YES		2

CIRCLE ALL GEARS USED

951	By Hand	815	Oyster Dredge
853	Hand Rake	823	Bay Scallop Dredge
850	Bull Rake	825	Sea Scallop Dredge
840	Hand Tongs	704	Scallop Scoop
802	Clam Dredge Hydraulic	214	Scallop Trawl
220	Clam Trawl Kicking	215	Shrimp Trawl

CIRCLE ONE WATERBODY WHERE MOST OF CATCH WAS MADE

03	Bay River	31	Newport River
05	Bogue Sound	43	North River/Back Sound
06	Cape Fear River	33	Pamlico River
08	Core Sound	34	Pamlico Sound
09	Croatan Sound	52	Pungo River
53	Inland Waterway - Brunswick	45	Roanoke Sound
54	Inland Waterway - Onslow	38	Shalotte River
11	Lockwood Folly	39	Stump Sound
12	Masonboro Sound	41	Topsail Sound
29	Neuse River	42	White Oak River
30	New River		

20	Ocean 0-3 miles (North of Cape Hatteras)
22	Ocean greater than 3 miles (North of Cape Hatteras)
21	Ocean 0-3 miles (South of Cape Hatteras)
23	Ocean greater than 3 miles (South of Cape Hatteras)

KIND	CODE	UNITS	UNIT PRICE	TOTAL PRICE
Clams (Number) Mixed	9010			
Mixed	9010			
Little Neck	9011			
Top Neck	9012			
Cherry	9013			
Top Cherry	9014			
Chowder	9015			
Clams Bushels	9020			
Clams Bags	9030			
Blood Clams Shell Weight	9080			
Conchs/Whelk Shell Weight	9160			
Number	9180			
Bay Scallops Bushels	9310			
Pounds Meats	9300			
Gallons	9320			
Sea Scallops Bushels	9410			
Pounds Meats	9400			
Oysters Bushels	9260			
Monkails	1160			
Stone Crabs Pounds Claws	8150			
Shrimp Mixed Heads On	8800			
Flounder Mixed	2300			

Dealer/Fisherman Use

FISHERMAN COPY

North Carolina Division of Marine Fisheries, PO Box 769, Morehead City, NC 28557-0769

Appendix 2. Examples of NC Division of Marine Fisheries trip tickets (continued).

10-106226

CIRCLE ONE WATERBODY WHERE MOST OF CATCH WAS MADE

FISH DEALER #		01	Albemarle Sound	08	Core Sound	12	Masonboro Sound	34	Pamlico Sound	38	Shalotte River
FISHERMAN NAME:		02	Alligator River	09	Croatan Sound	29	Neuse River	35	Pasquotank River	39	Stump Sound
FISHERMAN LIC. #		03	Bay River	10	Currituck Sound	30	New River	36	Perquimans River	41	Topsail Sound
← ← 1 CHECK BOX IF NO VESSEL USED		05	Bogue Sound	53	Inland Waterway - Brunswick	31	Newport River	52	Pungo River	42	White Oak River
COMM. FISHING VESSEL REG. #	P	06	Cape Fear River	54	Inland Waterway - Onslow	43	North River/Back Sound	37	Roanoke River	24	Ocean 0-3 miles
NO. OF CREW:		07	Chowan River	11	Lockwood Folly	33	Pamlico River	45	Roanoke Sound	25	Ocean > 3 miles

NORTH CAROLINA
TRIP TICKET
(CRAB POT
MULTI-TRIP)

GEAR CODE
330
(Crab Pot)

DATE MO. DAY YR.	NO. OF POTS FISHED	8009 JIMMIES			8000 STRAIGHTS			8006 CULLS			8060 PEELERS			OTHER			TRANS-ACTION #				
		POUNDS	UNIT PRICE	TOTAL PRICE	POUNDS	UNIT PRICE	TOTAL PRICE	POUNDS	UNIT PRICE	TOTAL PRICE	POUNDS	UNIT PRICE	TOTAL PRICE	SPECIES	CODE	POUNDS UNITS		UNIT PRICE	TOTAL PRICE		
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TOTALS																					

Dealer/Fisherman Use
North Carolina Division of Marine Fisheries, P.O. Box 769, Morehead City, NC 28557-0769

FISHERMAN COPY

Appendix 2. Examples of NC Division of Marine Fisheries trip tickets (continued).

NORTH CAROLINA TRIP TICKET (CRAB POT ONLY) 11-

FISH DEALER #		TRANSACTION #	
FISHERMAN NAME:		FISHERMAN LICENSE #	
TRIP START DATE MO. / DAY / YR.		UNLOADING DATE MO. / DAY / YR.	
← ← 1 CHECK BOX IF NO VESSEL USED		COMM. FISHING VESSEL REG. # P	
NO. OF CREW:	GEAR CODE 330 (Crab Pot) <small>(office use only)</small>	NO. OF POTS:	

01	Albemarle Sound	11	Lockwood Folly	52	Pungo River
02	Alligator River	12	Masonboro Sound	36	Perquimans River
03	Bay River	29	Neuse River	37	Roanoke River
05	Bogue Sound	30	New River	45	Roanoke Sound
06	Cape Fear River	31	Newport River	38	Shalotte River
07	Chowan River	43	North River/Back Sound	39	Stump Sound
08	Core Sound	33	Pamlico River	41	Topsail Sound
09	Croatan Sound	34	Pamlico Sound	42	White Oak River
10	Currituck Sound	35	Pasquotank River		
53	Inland Waterway - Brunswick		54	Inland Waterway - Onslow	

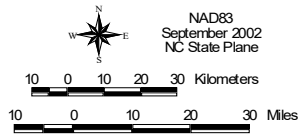
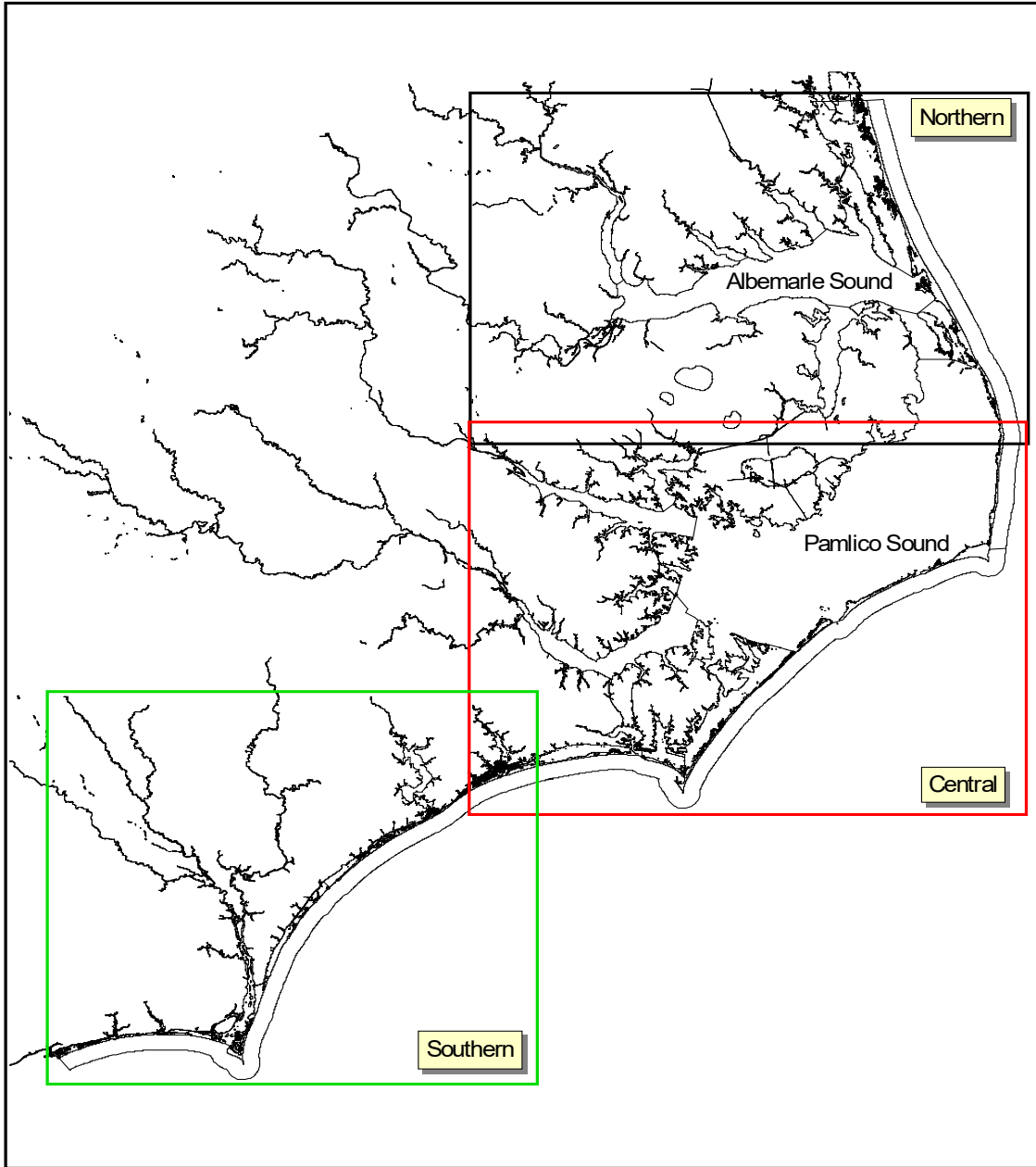
KIND	CODE	UNITS	UNIT PRICE	TOTAL PRICE
Straight (LB)	8000			
Jimmies/No. 1 (LB)	8001			
No. 2 (LB)	8002			
No. 3 (LB)	8003			
Culls (LB)	8006			
Peelers Number	8060			
Soft Crabs Number	8110			
Deducted Bait				

B-9

Appendix 3. Trip Ticket Waterbody Maps.

Trip Ticket Code	Description
1	Albemarle Sound
2	Alligator River
3	Bay River
5	Bogue Sound
6	Cape Fear River
7	Chowan River
8	Core Sound
9	Croatan Sound
10	Currituck Sound
11	Lockwood's Folly River
12	Masonboro Sound
20	Ocean 0-3 miles (North of Cape Hatteras)
21	Ocean 0-3 miles (South of Cape Hatteras)
22	Ocean > 3 Miles (North of Cape Hatteras)
23	Ocean > 3 Miles (South of Cape Hatteras)
24	Ocean Less than 3 Miles
25	Ocean More than 3 Miles
29	Neuse River
30	New River
31	Newport River
33	Pamlico River
34	Pamlico Sound
35	Pasquotank River
36	Perquimans River
37	Roanoke River
38	Shalotte River
39	Stump Sound (New River Inlet to Surf City)
41	Topsail Sound (Surf City to Topsail Inlet)
42	White Oak River
43	North River
45	Roanoke Sound
50	Inland Waterway (Pre-2002)
53	Inland Waterway - Brunswick
54	Inland Waterway - Onslow
52	Pungo River
80	Back Bay (Virginia)
99	Unknown

Appendix 3. Trip Ticket Waterbody Maps (continued).



NAD83
September 2002
NC State Plane

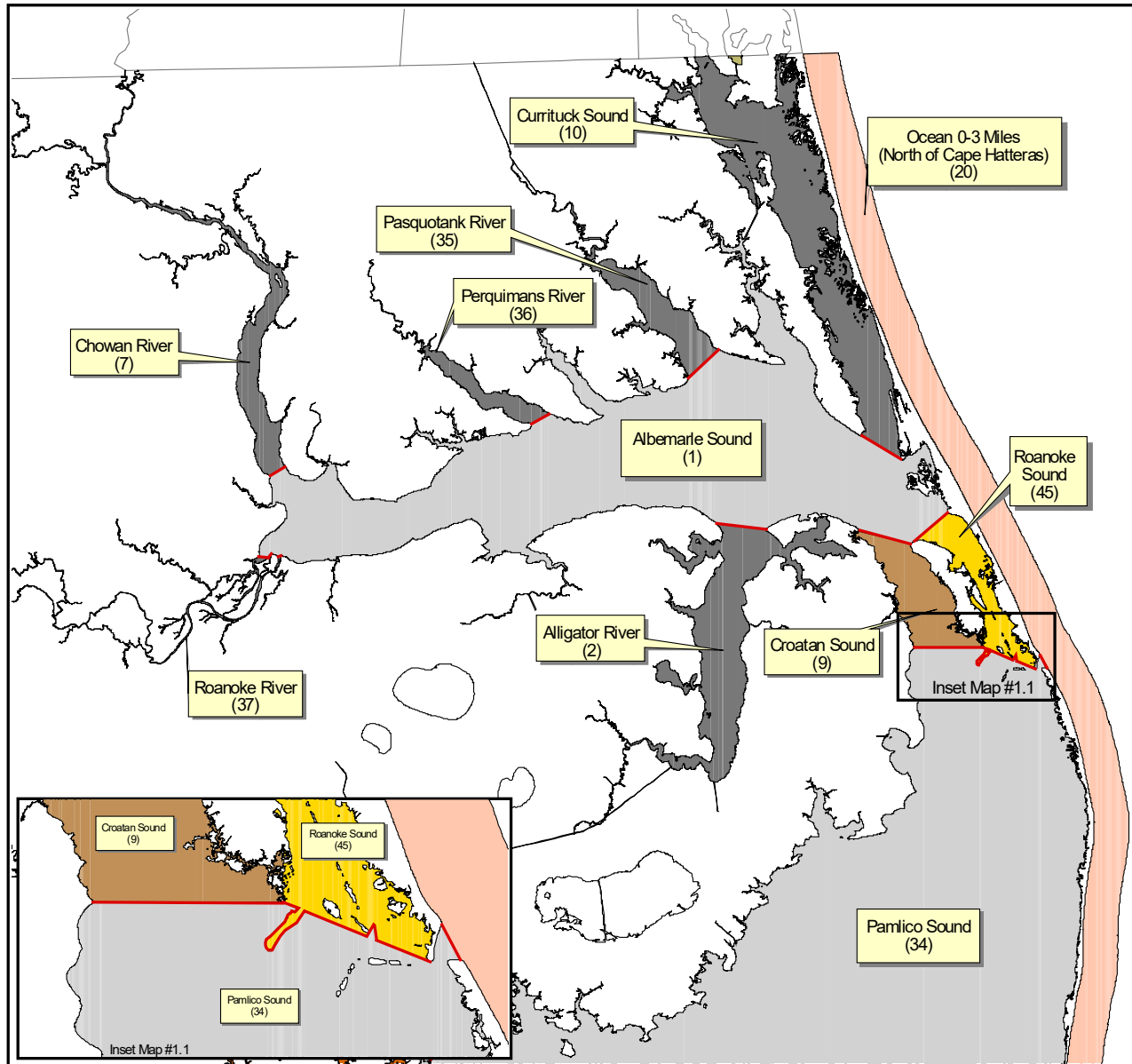
NC Division of Marine Fisheries
Trip Ticket Water Bodies



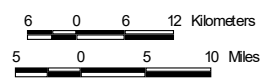
North Carolina
Division of
Marine Fisheries

Trip Ticket
Water Bodies

Northern Area



NAD83
September 2002
NC State Plane



Appendix 3. Trip Ticket Waterbody Maps (continued).

List of primary and secondary trip ticket water bodies of the Northern Area (Map #1).

Albemarle Sound

- . Yeopim River
- . Bull Bay
- . Batchelor Bay
- . Little River
- . Big Flatty Creek
- . North River
- . Edenton Bay
- . Swan Bay
- . Scuppernong River

Roanoke River

- . Cashie River
- . Middle River
- . Eastmost River
- . Broad Creek
- . Canaby Creek
- . Grennel Creek
- . Cow Creek
- . Cashoke Creek

Chowan River

- . Meherrin River
- . Bennetts Creek

Perquimans River

No tributaries

Currituck Sound

- . Bellows Bay
- . Coinjock Bay
- . Cedar Bay
- . Knotts Island Bay
- . Dowdy Bay
- . Above the narrows
- . Below the narrows

Pasquotank River

- . Little Flatty Creek
- . Newbegun Creek

Alligator River

- . East Lake
- . South Lake
- . Frying Pan
- . Gum Neck
- . Little Alligator

Croatan Sound

- . Manns Harbor
- . Peter Mashoes Creek
- . Cedar Bush Bay

Pamlico Sound

- . Stumpy Point Bay
- . Long Shoal River
- . Pains Bay
- . Parched Corn Bay
- . Crab Slough
- . Old House Channel
- . Davis Channel

Roanoke Sound

- . Kitty Hawk Bay
- . Shallowbag Bay
- . Broad Creek
- . Colington Creek
- . Buzzard Bay

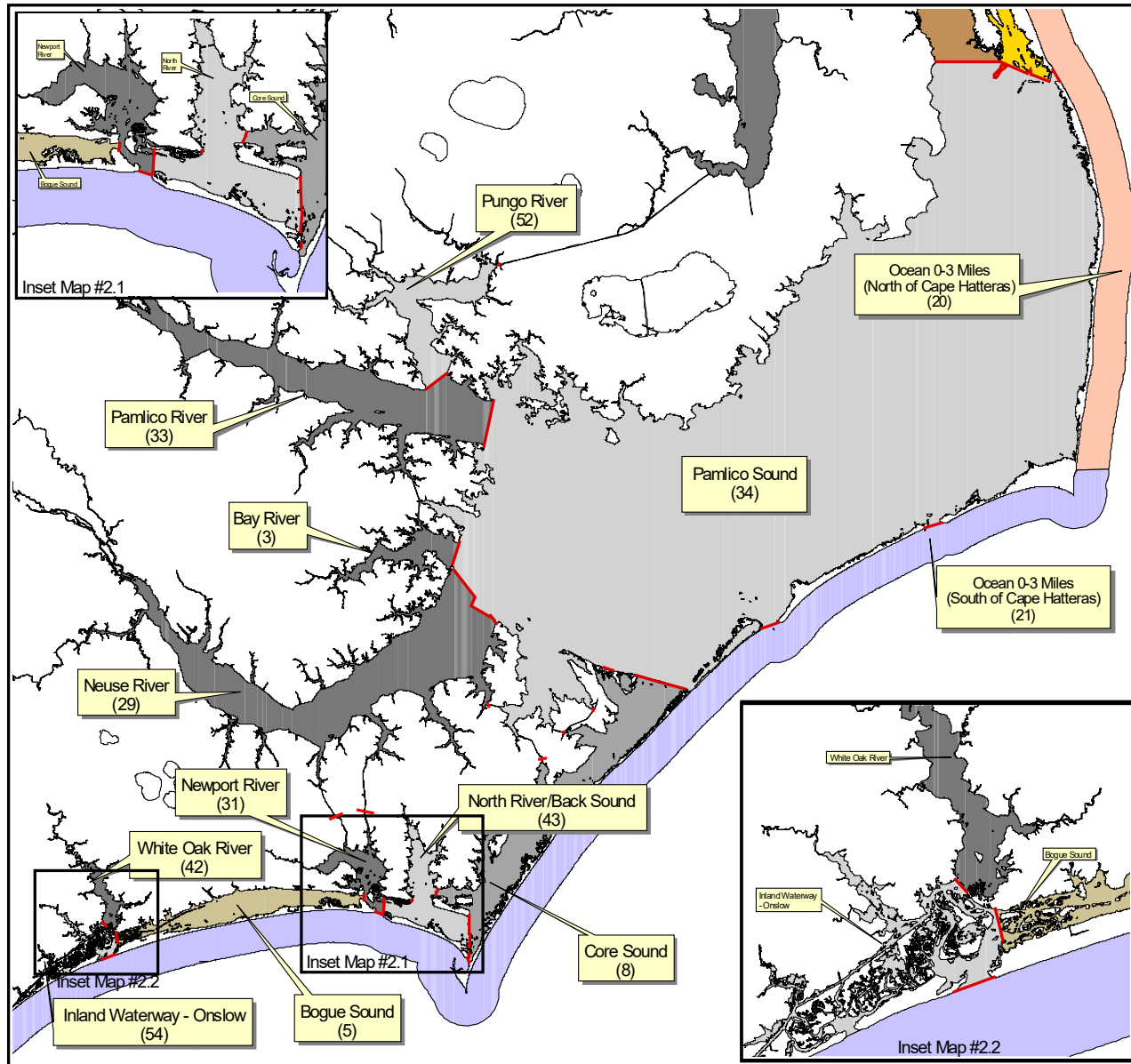
Ocean 0-3 miles North of Cape Hatteras

- . North of Cape Point

North Carolina
Division of
Marine Fisheries

Trip Ticket
Water Bodies

Central Area



NAD83
September 2002
NC State Plane

5 0 5 10 Kilometers

5 0 5 10 Miles



Appendix 3. Trip Ticket Waterbody Maps (continued).

List of primary and secondary trip ticket water bodies of the Central Area (Map #2).

Pamlico River

- . Chocowinity Bay
- . Bath Creek
- . Blounts Creek
- . Duck Creek
- . Durham Creek
- . Goose Creek
- . Mixon Creek
- . North Creek
- . South Creek
- . St. Clair Creek

Pungo River

- . Wright Creek
- . Satterthwaite Creek
- . Jordan Creek
- . Pungo Creek
- . Pantego Creek
- . Slade Creek
- . Fortescue Creek

Bay River

- . Trent Creek
- . Vandemere Creek
- . Rockhole Bay
- . Bonner Bay
- . Fisherman Bay

Neuse River

- . Upper Broad Creek
- . Goose Creek
- . Beard Creek
- . Dawson Creek
- . Trent Creek
- . Broad Creek
- . Swan Creek
- . Slocum Creek
- . Hancock Creek
- . Clubfoot Creek
- . Adams Creek (N. of Core Creek Bridge)
- . South River
- . Turnagain Bay

Pamlico Sound

- . Abel Bay
- . Spencer Bay
- . Germantown Bay
- . Striking Bay
- . Deep Bay
- . Rose Bay
- . Deep Cove
- . Swan Quarter Bay
- . Oyster Creek
- . Mouse Harbor
- . Big Porpoise Bay
- . Middle Bay
- . Jones Bay
- . Caffee Bay
- . Juniper Bay
- . West Bluff Bay
- . East Bluff Bay
- . Wysocking Bay
- . Far Creek
- . Long Shoal River
- . Mt. Pleasant Bay
- . Douglas Bay
- . Lone Tree Creek
- . Back Creek
- . Middletown Creek
- . Waupopin Creek
- . Otter Creek
- . Sandy Bay
- . West Bay
- . North Bay
- . Long Bay
- . West Thorofare Bay

Newport River

- . Town Creek
- . Calico Creek
- . Taylor Creek
- . Haystacks
- . Core Creek (S. of Core Creek Bridge)
- . Bogue Inlet
- . Turning Basin

North River/Back Sound

- . Ward Creek
- . Davis Bay
- . Goose Bay
- . North River Thorofare
- . Muddy Creek
- . Back Sound

Ocean 0-3 Miles North of Cape Hatteras

- . North of Cape Point

Ocean 0-3 Miles South of Cape Hatteras

- . South of Cape Point

Core Sound

- . Back Bay
- . Cedar Island Bay
- . Thorofare Bay
- . Barry Bay
- . Styron Bay
- . Nelson Bay
- . Oyster Creek
- . Jarrett Bay
- . Middle Marshes
- . The Straits

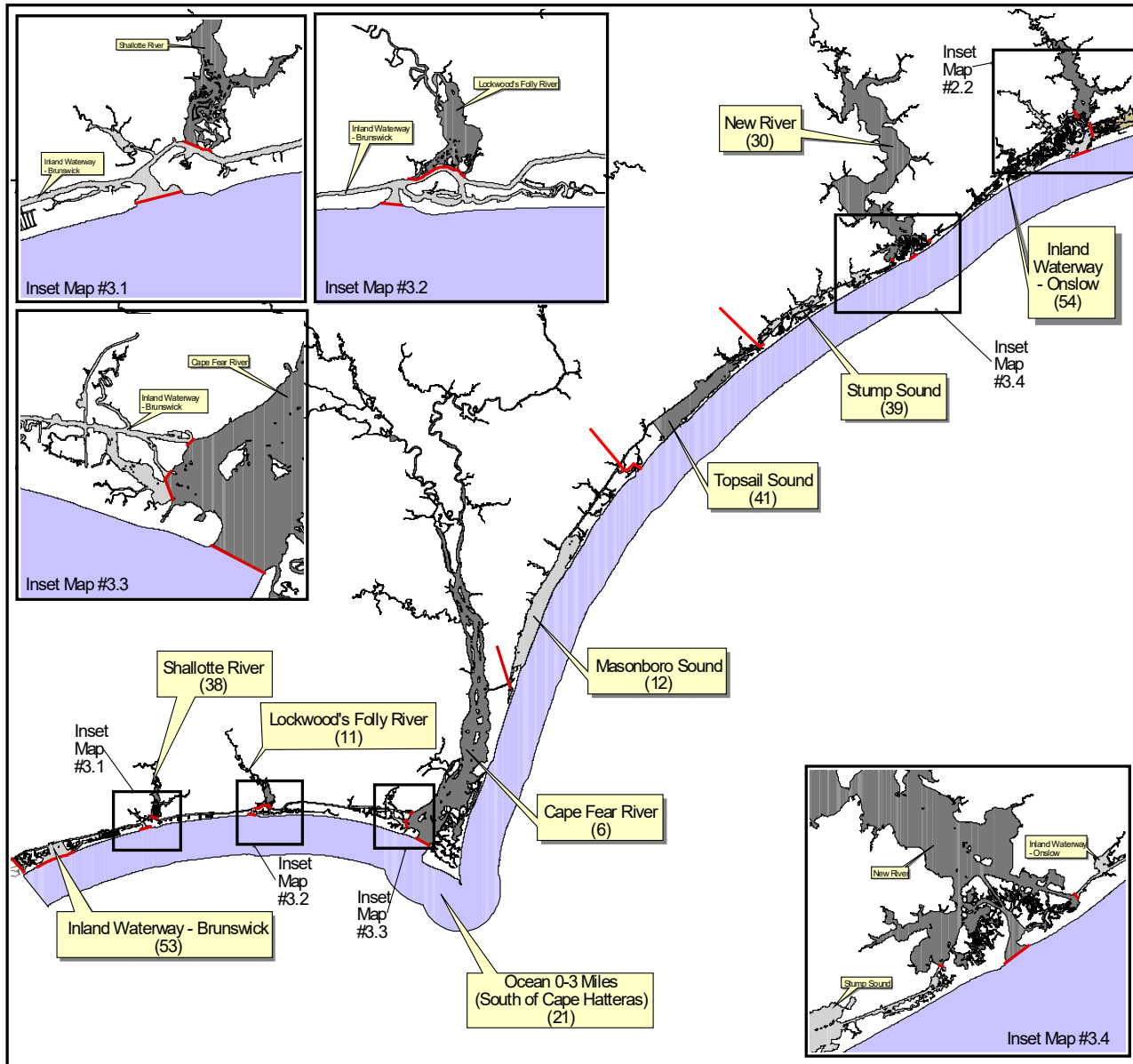
Bogue Sound

- . Gales Creek
- . Broad Creek
- . Goose Creek
- . Deer Creek
- . Hoop Hole
- . Pellitier Creek
- . Spooners Creek
- . Tar Landing Bay
- . Money Isle

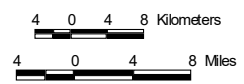
White Oak River

- . Pettiford Creek Bay

North Carolina
 Division of
 Marine Fisheries
 Trip Ticket
 Water Bodies
 Southern Area



NAD83
 September 2002
 NC State Plane



Appendix 3. Trip Ticket Waterbody Maps (continued).

List of primary and secondary trip ticket water bodies of the Southern Area (Map #3).

White Oak River

- . Pettiford Creek Bay

Inland Waterway - Onslow

- . Queens Creek
- . Bear Creek
- . Bear Inlet
- . Holover Creek
- . Browns Inlet
- . Sounders Creek
- . Fosters Creek
- . Muddy Creek
- . Hammocks Beach/Bear Island

New River

- . Morgan Bay
- . Farnell Bay
- . Stones Bay
- . Courthouse Bay
- . Chadwick Bay
- . Little Goose Bay
- . Gray Point
- . Hwy 210 High-rise
- . Muddy Creek

Stump Sound

- . Alligator Bay
- . Thomas Landing
- . Mill Creek
- . Morris Landing

Topsail Sound

- . Virginia Creek
- . Topsail Creek
- . Elmore Inlet
- . Futch Creek
- . Green Channel
- . Nixon Channel
- . Butler Creek

Masonboro Sound

- . Rich Inlet
- . Mason Inlet
- . Johns Creek
- . Masonboro Inlet
- . Carolina Beach Inlet
- . Banks Channel
- . Masonboro Channel
- . Carolina Beach Boat Basin

Cape Fear River

- . First Bay
- . Second Bay
- . Buzzards Bay
- . Cedar Creek
- . Baldhead Creek
- . Northeast Cape Fear
- . Snows Cut
- . Cape Creek
- . Bay Creek
- . The Basin
- . CP&L Bypass

Lockwood Folly River

- . Spring Branch

Shalotte River

- . Gibbs Creek
- . Little Shalotte River

Inland Waterway - Brunswick

- . South Dutchman Creek
- . Elizabeth River
- . Davis Creek
- . Lockwood Folly Inlet
- . Montgomery Slough
- . Shalotte Inlet
- . Sheep Inlet
- . Sheep Island
- . Eastern Channel
- . Bonaparte Creek
- . Old Channel
- . Calabash River
- . Ocean Isle
- . Jinks Creek
- . Tubbs Inlet
- . Little River Inlet

Ocean 0-3 Miles South of Cape Hatteras

- . South of Cape Point

Appendix 4. Trip Ticket Gear List.

DMF Code	Description
20	Beach Seine
189	Butterfly Net
951	By Hand
735	Cast Net
180	Channel Net
803	Clam Dredge
802	Clam Dredge (hydraulic)
220	Clam Trawl Kicking
35	Common Seine
325	Conch Pot
805	Crab Dredge
330	Crab Pot
205	Crab Trawl
703	Dip Net
340	Eel Pot
345	Fish Pot
210	Flounder Trawl
230	Flynet
310	Fyke Net
760	Gigs
470	Gill Net (drift)
475	Gill Net (runaround)
425	Gill Net Set (float)
480	Gill Net Set (sink)
30	Haul Seine
676	Longline Bottom
677	Longline Shark
675	Longline Surface
815	Oyster Dredge
334	Peeler Pot
275	Pound Net
125	Purse Seine
850	Rakes, Bull
853	Rakes, Hand
610	Rod-n-Reel
823	Scallop Dredge (bay)
825	Scallop Dredge (sea)
704	Scallop Scoop
214	Scallop Trawl
289	Shrimp Pound
215	Shrimp Trawl
194	Skimmer Trawl
943	Spears, Diving
25	Swipe Net
840	Tongs, Hand
846	Tongs, Patent
660	Trolling
680	Trotline
681	Turtle Hooks
375	Turtle Pot
1	Mechanical Tongs
355	Lobster Pot
2	Power Rake
845	Tongs (NMFS Code)
855	Rakes (NMFS Codes)
3	Hydraulic Escalator Dredge
4	Hydraulic Pump Dredge
5	Kicking Without Clam Trawl
955	By Hand (NMFS Code)
989	Unknown
999	Other

Appendix 5. Examples of Metadata Report (1994-2004).

This report is intended to list significant factors affecting commercial landings from 1994-2002. The categories of metadata include quotas, market conditions, season/trip limits, survey design, significant weather events, data management, gear/vessel restrictions and other miscellaneous factors. This report does not include all impacts on commercial landings or changes in effort that would be too voluminous to include. Individuals interested in regulatory impacts on commercial landings should refer to NC Fisheries Rules for Coastal Waters and our website for proclamations (<http://www.ncdmf.net/procs/index.html>).

Year	Subcategory	Date	Description
1994	Survey Design	NA	Initiation of NC Trip Ticket program. Resulted in significant increases in the landings of some previously under-reported species (i.e. anglerfish, gizzard shad, tuna, swordfish, sea scallops, crabs, oysters). Detailed trip level data now obtained from dealers.
	Data management	NA	Some significant winter landings coded as bonito may have been little tunny. As a result, landings of bonito appear to have doubled.
	Data management	NA	NC lists flynet (230) separately from the NMFS code for fish trawl (210). NMFS used the 210 coded to include fly net catches prior to 1994. This code change decreases the 210 gear landings between 1993 and 94 when the use of the 230 code was initiated.
	Data management	NA	The use of the code 480 is a distinction made by NC between landings with a sink gill net (480) and a float gill net (425). Thus, differences in landings prior to 1994 and after 1994 are due in part to this code change, not entirely to changes in the fisheries. Code 480 is still used for Regional statistics. Code 425 now = float gill net and 480 now = sink gill net. Many stake nets are coded in either category (interchangeable).
1995	Data management	mid-95	Began breaking down the offshore waterbody codes as North or South of Cape Hatteras.
	Significant weather events	NA	Cold weather forced croaker to migrate south into Carteret County, where the gill net fishery had significant landings of this species.
	Significant weather Events	Aug. 14-18	Hurricane Felix threatened the coast. Probably little fishing activity, especially in Carteret Co. and areas to the north—Boats secured at docks and crab pots out of water.

Appendix 5. Examples of Metadata Report (1994-2004) (continued).

Year	Subcategory	Date	Description
	Season/trip duration	April 15	Herring/shad season closed by proclamation due to declining stocks. Caused total for year landings to decline.
	Other	NA	Oyster landings are higher due to success of DMF transplant programs. DMF personnel moved many oysters from polluted areas to non-polluted areas and program was successful.
1996	Significant weather Events	July 12	Hurricane Bertha struck NC coast. Preparations started on July 10. Shrimp and crab landings probably affected: can't find pots, shrimp left due to rain. Vessels damaged, waterways blocked due to debris and/or closed due to navigation.
	Significant weather events	Sept. 5-6	Hurricane Fran hits NC coast. Some landings data lost and not recovered.
	Gear/vessel restrictions	NA	Weakfish effort and landings down due to regulations on flynets south of Hatteras.
	Gear/Vessel Restrictions	NA	Trawls, including flynets, prohibited, are unlawful to use southwest of the 9960-Y chain 40250 LORAN C line from Cape Hatteras south to the NC/SC line (except shrimp trawls, crab trawls and flounder trawls).
	Season/ trip duration	NA	River herring effort and landings up due to an extension of the season.
	Season/trip limits	Mar. 1999	Size and bag limits invoked for Snapper-Grouper complex. See Rules for specifics.
1997	Quotas	NA	Summer flounder effort and landings down largely due to a quota reduction and a shorter season.
	Quotas	NA	Decreased shark (unclassified) landings and effort is due to a 50% cut in the pelagic and large coastal shark fishing quotas.
1998	Significant weather events	Aug. 25-30	Hurricane Bonnie: Commercial vessels lost fishing days; fishing gear out of water.
	Other	Sept. 4	Longline boat "The Skipper" from Southport lost at sea. Two out of three crew die. This is only longline vessel in southern district. Will cause landings of golden tilefish and blackbelly rosefish to decline for Brunswick county, and possibly overall.
	Trip Limit	Jan 01	Red Drum trip limit set at 100 lbs.
1999	Significant Weather Events	Aug. 28 – Sept. 6	Coastal NC began to feel the effects of Hurricane Dennis on Saturday 8/28. After brushing the shore, the hurricane diminished to a tropical storm and remained offshore until Sept. 4 when it made landfall over Cape Lookout. Effects of the storm remained for a few days following landfall. Fish houses in Pamlico County, Eastern Carteret County (down east) and throughout the Outer Banks received extensive flood and some wind damage. Boats unable to fish due to high winds and rough seas.

Appendix 5. Examples of Metadata Report (1994-2004) (continued).

Year	Subcategory	Date	Description
	Significant Weather Events	Sept. 15- Oct. 30	Hurricanes Floyd and Irene hit coastal NC causing widespread flooding and damage. Severe flooding out of the Neuse, Tar and Pamlico Rivers severely affected fishing and crabbing. Gear losses amounted to \$2.7 million dollars with income loss at \$3.2 million according to grant reimbursements. Over 100,000 crab pots reported lost. Flooding caused migration of shrimp out of rivers to behind barrier islands. Shrimp season extended in near coastal waters through the early winter.
	Season/trip limits	May 1999	Stricter size and bag limits invoked for Snapper-Grouper complex. See DMF rules for specifics.
	Survey Design	mid 1999	Began obtaining shrimp landings by species and grade instead of unclassified shrimp.
	Data Management	mid 1999	DMF brought new software system on line (FIN). All landings data now subject to intensified editing procedures.
	Data Management		DMF began the license system mandated by the Fisheries Reform Act. Each individual must be licensed as well as each vessel. Could change landings attributed to individuals.
	Gear Restrictions	Dec. 16	NMFS closed southeastern Pamlico Sound to large mesh gill nets targeting southern flounder to protect endangered sea turtles.
2000	Trip Limit	July 22	100 lb red drum limit retracted. New 5 fish limit per trip.
	Trip Limit	Oct. 11	Red drum season opened. 5 fish per trip, Sept. to Aug. fishing year.
	Gear Restrictions	Oct. 27	DMF closed southeastern Pamlico Sound to use of large mesh gill nets targeting southern flounder.
	Season/trip limits	Aug. 2000	Red Porgy size and bag limits changed. See Rules for specifics.
2001	Trip Limit	Mar. 31	Red Drum changed to 50/50 rule (must have fewer red drum than other species in catch). Five fish limit still in effect.
	Data Management	N/A	Corrected 1994 landings of herring. Changed 267,100 pounds of ocean, flynet river herring landings to sea herring.
	Trip Limit	Sep. 4	Red drum limit increased to 7 fish. 50/50 rule still in effect.
	Market Conditions	Sept. 11-?	Sept. 11 terrorist attack on the World Trade Center closed down the Fulton Fish Market. Demand and prices affected throughout the nation.
	Gear Restrictions	Sept. 18 – Dec. 16	Deep water large mesh gill net fishery in southeastern Pamlico Sound closed by NMFS. Shallow water and small mesh allowed to operate.
2002	Data Management	Sept.	DMF began intensified editing of shellfish harvested off private leases. Will lead to greater accuracy in shellfish harvested from private leases.

Appendix 5. Examples of Metadata Report (1994-2004) (continued).

Year	Subcategory	Date	Description
	Data Management	Sept.	For clarification and to assist with the mullet FMP, DMF requested dealers code small finger mullet for bait as mullet code 4351 (lbs.) or 4362 (#'s).
	Data Management	Sept.	The waterbody code designated as Inland Waterway was divided into Inland Waterway-Onslow and Inland Waterway-Brunswick to minimize confusion over correct usage.
2003	Significant Weather Events	1/24/03-1/27/03	Cold weather causes die-off of speckled trout, black drum, mullet, puppy drum, sand perch, and menhaden. Primary areas Pungo River, Pamlico River, bays of Hyde County. Increases in dip net landings of trout. Also reports of flounder die-off in Albemarle Sound (skeletons in gill nets).
2003	Data Management	Pre-1994	Found that pre-1994 data in the request file has some erroneous dealer/county/district associations. Dumping croaker landings for 72-2001 showed New Hanover county landings in District 1 (Northern).
2003	Data Management	Pre-August 1999	Hardcode macro changed to correct any specific species shrimp landings from 1994 to July 1999 to unclassified shrimp.
2003	Significant Weather Events	9/18/03	Hurricane Isabel came ashore near Ocracoke. Hit Hatteras severely causing a new inlet and flooding most of Hatteras Village. Flooding in eastern NC resulted in loss of records and trip tickets, esp. downeast and Hyde county.
2003	Markets	October	Chuck reported that basket market dried up in Baltimore due to destruction from Hurricane Isabel. Lots of crabs but no market for jimmies. Picking houses are going full bore.
2003	Permits	2003	New dealer permits required for Black Sea Bass and spiny dogfish N. of Hatteras
2003	Data Management	2003	Shrimp and Crab Economic Aid programs resulted in many corrected landings.
2003	Quotas	2003	Summer flounder season opened Nov. 15 th .
2004	Data Management	May 2004	Exercise caution when calculating trips by gear since Type 70 tickets may have more than one gear1 on a single ticket.
2004	Data Management	May 2004	Deployed SCBI software. NMFS mandates electronic reporting by federally permitted dealers.
2004	Data Management	October 2004	Found that trip and ticket counts now need to include a concatenation of TTNO/DATE with DNO to accurately count type 70 trips and tickets.
2004	Quotas	Nov 2004	Summer flounder and black sea bass trawl season opened November 15 th . In 2004 the winter/fall split changed to 80/20 from 70/30. MFC voted down request to allow vessels multiple licenses to land flounder.
2004	Data Management	Nov 2004	Almost 50 dealers installed with SCBI software. NMFS contracting with SCBI for software for all federal dealers.
2004	Quotas		NC was transferred approx. 300,000 lbs. of bluefish from other states to alleviate our overage.

Appendix 5. Examples of Metadata Report (1994-2004) (continued).

Year	Subcategory	Date	Description
2005	Data Management	Jan 2005	Separated rock sea bass (3362) from black sea bass (3360) in NMFS CSP data transmission file and request file.
2005	Quotas	Jan 2005	Summer flounder and sea bass trawler allowed to land in Virginia due to weather, Oregon Inlet shoaling and mechanical breakdowns.
2005	Data Management	Jan 2005	Monkfish landed dead on board are processed for tails and livers. Those alive, are landed as whole. This is why you can find trip tickets with all three market grades on them. Also, querying for monkfish landings should only use codes 115 (whole) and 116 (tails) because we have conversion factors for those. We do not have a conv. factor for livers to whole weight and none is needed.
2005	Data Management	April 2005	Alan found that rangia clam shells are deleted from the CSP file (if species=913 then delete) and the Request file although rangia clams landed whole or as meats are kept. Analysts need to remember to delete code 913 from analyses using the trip ticket datasets when compiling statewide landings in 1994 and 1996 which are the only years that rangia shells were landed. We do not believe we should be reporting landings of dead clam shells like we do not report shell weight of live harvested clams or oysters.
2005	Data Management	May 2005	L&S staff completed data dictionaries as part of the Data Analysis SOP
2005	Data Management	July 2005	Alan coded scup/uncl porgy criteria into hardcode. Can now run scup codes without gear and water criteria and get correct landings in both FIN datasets and request file including ttreq.
2005	Data Management	July 2005	Found that dealers commonly lump Almaco Jack and Banded Rudderfish in with Amberjack. We discussed grouping them for our various reports but decided to wait until 2006. Until then, as in the past, we will report Amberjack landings using spcodes 105 and 106.
2005	Data Management	August 2005	Reverted back to multiple decimals in summary price files so it matches ttreq values. Alan changed TTVALSUM output format.
2005	Data Management	August 2005	Christine found numerous instances of old codes in the 50-61 and 62-71 files containing gear codes not in the format library. The format library was updated to address these old codes. See \\Nfnrdmf01\vol1\SHARED\SIML & S\Trip Tickets\Metadata\FormatLibUpdate_OldCodes.eml
2005	Data Management	August 2005	Move spottail pinfish from uncl. finfish to porgies, uncl. in 2006 big book of statistics.
2005	Other	Summer 2005	Many large trawlers remain scalloping in lieu of shrimping in Pamlico Sound. Shrimp appear late to appear, scallop prices are high and days-at-sea were extended all contributing to the shift in effort. Shrimp landings were especially low through June (18% of previous 5 yr avg).

Chapter III: NORTH CAROLINA MARINE RECREATIONAL FISHERY STATISTICS SURVEY

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PROGRAM NARRATIVE

Information on commercial fisheries has long been collected by the National Marine Fisheries Service (NMFS). However, data on marine recreational fisheries were not collected in a systematic manner by NMFS on a continuing basis until 1979. The purpose of the NMFS Marine Recreational Fishery Statistics Survey (MRFSS) is to establish a reliable database for estimating the impact of marine recreational fishing on marine resources.

Effective fisheries management requires information on the number and size distributions of each species caught in every state, sub-region, or finer sub-unit. The North Carolina Fisheries Reform Act of 1997 mandated the development of fishery management plans (FMPs) for fisheries of importance to North Carolina. The estimates of finfish harvest and angler participation provided by the MRFSS will play a key role in the FMP development process. The MRFSS helps meet the goals of the Magnuson Fishery Conservation and Management Act of 1976 (MFCMA). The MFCMA mandates a national program for management of fishery resources in the ocean zone known as the Exclusive Economic Zone (EEZ), or the area between 3 to 200 miles from shore. MFCMA also requires that the fishery management plans consider both recreational and commercial fisheries and their harvests.

Due to the federal survey's inability to provide reliable catch statistics for fisheries management of some species at the state level because of low sample size, the North Carolina Division of Marine Fisheries (DMF) increased the annual number of anglers interviewed by approximately six times (1,400 to 8,000) beginning in 1987. During 2004, 16,000 anglers were interviewed and the precision of the catch estimates improved dramatically. The DMF also implemented quality control measures needed to improve estimates of catch.

The Division of Marine Fisheries receives approximately 400 data requests for information from the MRFSS each year. This document was designed to help understand how the data is collected and what types of data are available within the study. This summary should also allow individuals to more precisely choose the information that is most applicable to their specific needs.

SURVEY METHODOLOGY

The MRFSS consists of two complementary surveys: 1) a telephone survey of households in coastal counties to get trip information and 2) an intercept survey of anglers at shore side access sites to obtain catch rates and species composition. The data from the two surveys are combined to provide estimates of the total number of fish caught, released, and harvested; the weight of the harvest; the total number of trips; and the number of people participating in marine recreational fishing.

Dockside Interviews

The intercept survey consists of interviews to gather catch and demographic data from marine recreational anglers who have just completed fishing in one of four fishing modes (the type of place or platform from which marine recreational fishing occurred):

- Charter boat
- Private/rental boat
- Beach/bank
- Man-made structures

The intercept survey in North Carolina continuously samples angler catches throughout the year. Intercept sampling is separated by mode, area fished, and wave (two-month time period).

A complete statewide list of access sites (Appendix 1) for marine recreational fishing is continuously updated. Sites are chosen for interviewing by randomly selecting from the access sites that are weighted by estimates of expected fishing activity. The intent of the weighting procedure is to sample in a manner such that each angler trip has a representative probability of inclusion in the sample. Sampling is distributed among weekdays, weekends and holidays. In North Carolina, strategies have been developed to distribute angler interviews in a manner to increase the likelihood of intercepting anglers landing species of management concern. This process provides the best estimates possible for those species.

Anglers are intercepted, screened, and interviewed at assigned access sites upon completion of their fishing trips. Data are recorded on standard NCMRFSS coding forms (Appendix 2). A small number of interviews (less than five percent) are conducted with beach/bank shore mode anglers who have not completed their trip. At heavy use sites, every nth angler is intercepted and interviewed. For example, every second or third angler might be interviewed if the site is too busy to interview all anglers. No more than 30 anglers are interviewed at a given site on the same day.

Each interview consists of:

- Introduction to the survey.
- An oral interview concerning the fishing trip just completed.
- Thorough examination of the respondent's catch (interview visually for correct species identification).
- Measurement of lengths and weights from all of the fish of each species in the respondent's catch (or if necessary, a random sample).

Interview procedures vary slightly among fishing modes:

- Private/rental boat anglers are interviewed at boat ramps and hoists while they are recovering their boats or at dockside while they are cleaning their boats.
- Anglers fishing from natural shorelines often are widely distributed along beaches and banks with multiple access points. Samplers often have to rove from angler to angler within the defined boundaries of the site to obtain interviews.
- Man-made structures often have a single exit point where samplers can easily intercept departing anglers.

Interviewing procedures have been developed to allow separate recording of information on the following:

- Catch unavailable for identification (catch type B).
- Available catch which cannot be easily subdivided among anglers.
- Catch obtained during multiple-day boat trips.

For the type B catch (fish not available for the interviewers examination), information is only recorded for individual anglers. In some instances catch type B may only be identified to a family or genus level. For the type A catch (fish available for inspection) grouped catch is allowed. This is a concession to the fact that often multiple anglers will keep all their catch in a single container, and often at the end of the trip they are not sure who caught which fish.

Telephone Survey

The telephone survey is carried out in two-week periods starting the last week of each two-month period of fishing activity (wave), and continuing in the first week of the following month. For example, for the March/April wave, households are called during the last week of

April and the first week of May. Respondents are asked to recall on a trip-by-trip basis all marine recreational fishing trips made within their state during the 60 days prior to the interview.

Telephone sampling effort is directed at households located in coastal counties. Coastal counties in North Carolina during March, April, November, and December are defined as those within 50 miles of the coast. From May through October, coastal counties are those within 100 miles of the coast. Elsewhere in the nation, coastal counties are generally those within 25 miles of ocean coastline (including coastlines of major bays or estuaries). In the South Atlantic and Gulf of Mexico from May through October, coastal counties are those within 50 miles of the coast.

Sampling in North Carolina is increased to counties within 50 miles of the coast during November to April and within 100 miles of the coast during May through October. This has been done since 1987 because the percent of non-coastal anglers intercepted in North Carolina was higher than any other state from 1979 to 1986. Depending on the geographic area, about 70 to 90 percent of the anglers interviewed by the intercept survey live within the telephone survey calling area.

A summary of the methods used in the telephone survey is as follows:

- The telephone survey is only used to gather information on fishing effort, not on catch rate or species composition.
- The telephone interview sample quota for each wave varies with the amount of fishing activity expected. The allocation is based on historic MRFSS data on fishing effort.
- Interview allocations for each county are proportional to the square root of the population (number of households) within the county. This ensures a minimal level of sampling in coastal counties with small populations.

The sampling units in the telephone survey are households with telephones in coastal counties. Households are contacted using a procedure called "random digit dialing". In this procedure, each telephone number (including unlisted numbers) within the county has an equal probability of selection. The household effort data obtained in each county is weighted by the number of households in the county for calculation of a state level estimate of the mean household fishing effort. In statistical terms, a stratified sampling estimator is used. This weighting procedure was initiated in 1993 and applied to all historical estimates. Approximately 20,000 phone calls are conducted in North Carolina annually, usually reaching more than 2,000 finfishing households.

All households are eligible for contact in each wave, regardless of whether they were contacted in a previous wave. Telephone interviews are conducted between 10:00 am and 9:30 pm (respondent's local time) on weekdays and weekends. Up to ten attempts are made to reach each household. Repeated attempts are made to complete the questionnaire with all eligible anglers residing in each contacted household. Information on marine recreational fishing activity is obtained from each angler in the household or from a responsible adult when appropriate. A procedure called "hot deck" imputation is used to adjust for non-respondent anglers and households prior to estimation.

Effort Estimates

In the MRFSS, fishing effort is defined as the estimated number of fishing trips taken by individual anglers. The number of individual fishing trips is estimated for each state, coastal county, mode, and bimonthly wave. Total effort represents residents who are coastal, non-coastal, and out-of-state. Data from the telephone survey of households are used to calculate mean numbers of trips per household in each fishing mode during each wave. This number is multiplied by the number of permanent, full-time occupied households in the coastal county to estimate total number of fishing trips in each mode by coastal county residents. Data on the number of households in the coastal zones are updated annually.

The telephone survey does not cover all angler trips encountered in the field. For example, the telephone survey cannot provide information on the number of trips taken by people who reside in households beyond the 25 to 50-mile coastal zone from which the telephone numbers are drawn. Neither can it provide information on trips taken by people who live in households without telephones. Ratios obtained from the intercept survey are used to estimate the numbers of trips taken by out-of-state residents, by state residents of non-coastal counties, and by others who are not covered by the telephone survey.

For example:

Assume the telephone survey estimates 10,000 private/rental boat trips are taken by residents of coastal county telephone households in a state during a particular wave. Assume state residents of non-coastal counties constitute 10 percent of all intercepted anglers fishing in that state and mode. Thus for every 10 anglers interviewed, nine are coastal county residents and one is a non-coastal resident. Then the estimate of total trips is increased by 1,111 (i.e., $10,000 \times 1/9$) to account for additional trips taken by anglers residing outside the telephone survey area.

Similar procedures are used to estimate fishing trips taken in the state by anglers residing in other states. Ratios are also used to adjust effort estimates if the proportion of coastal county residents living in full-time occupied households with telephones differs significantly between the intercept survey sample of anglers and the most recent census. The net result of the telephone survey estimates of coastal resident trips, along with the various adjustments for angler trips not covered by the telephone survey (either intentionally or unintentionally), is an estimate of the total number of angler trips for each sub-region, state, wave, and mode of fishing.

After the final effort estimates are generated, they are stratified into primary fishing area to produce effort estimates by state, mode, wave, and area. An area is defined by the distance offshore where the fishing took place. The areas are inland, ocean < 3 miles, and ocean > 3 miles, although this can vary from state to state. See the glossary for more complete definitions and discussion. Within each state, wave, and mode, trips are allocated to a primary fishing area in proportion to the number of interviewed anglers in that state, wave, and mode who made trips in that area. The intent is to produce effort estimates at a level that is suitable for multiplication with catch per angler trip estimates from the intercept survey.

Catch Estimates

The catch of each finfish species is estimated for each sub-region, state, fishing mode, primary fishing area, and wave. The total number of fish caught in a particular fishing mode and area of fishing is estimated from:

- The estimated number of fishing trips taken in that state, wave, mode, and area.
- The mean number of fish caught per trip taken in that state, wave, mode, and area.

All fish that are caught by intercepted anglers are not available for the interviewer's inspection. The intercept interview and the estimation procedures distinguish between those fish brought ashore in whole form, and those not brought ashore in whole form:

- Fish that are available for identification, enumeration, weighing and measuring by the interviewers are called landings or Type A catch.
- Fish not brought ashore in whole form but used as bait, filleted, or discarded dead are called Type B1 catch (Type A and Type B1 together comprise harvest).

- Fish released alive are called Type B2 catch (total catch is the sum of Catch Type A, Catch Type B1, and Catch Type B2).

Catch per trip estimates and expanded catch estimates are made for these three types of catch. The purpose is to distinguish between those species identified and measured by trained interviewers, and those species reported to the interviewers by anglers. Anglers occasionally misidentify species; therefore, their reported measurements are subject to several types of bias.

As noted above, only individual interviews are allowed for the type B catch, while for the type A catch some amount of clustering is allowed and accounted for in the estimation. Self-weighting estimators of catch per trip were used, meaning that the site selection methodology (giving sites with more anglers a higher probability of being sampled) ensures all angler trips have an equal probability of being included in the sample.

Lengths and weights are obtained by sampling the fish caught and brought ashore in whole form by intercepted anglers. Therefore, estimated weights can only be calculated directly for catch Type A fish. Since the size composition of the remainder of the total catch (Catch Type B1 and Catch Type B2) is unknown and may differ from that of the fish represented in Catch Type A, estimating the weight of the remainder of the catch is not possible without assumptions.

In estimating the weight of harvested fish (Catch Type A and B1), we assume that the mean weight of the Catch Type B1 is equal to that of the Catch Type A for each sub-region, state, mode, primary area, wave, and species.

Most of the trips sampled in the intercept survey are completed trips, with anglers being interviewed only at the end of the fishing trip. Some incomplete trips are sampled in the shore mode, and they are converted into complete trips by multiplying the recorded catch per hour by the anticipated total trip length. Once catch per trip estimates have been produced for each sub-region, state, wave, mode, area, species, and catch type, they can be multiplied by the appropriate effort estimate to produce estimates of total catch. For estimates of total harvest weight, these total catch estimates are in turn multiplied by the average weight per measured fish in the appropriate mode and area.

Catch estimates are obtained using information from both the dockside and telephone interviews using the following formula:

$$(Trips) \times (Average\ catch\ per\ trip) = Total\ catch$$

where trips equal the total number of finfishing trips by mode and area, average catch per trip is the mean catch by species, mode, and area, and total catch is the total of each species by mode and area.

Precision of Estimates

The numbers and pounds presented are estimates, not actual counts; therefore, the level of precision varies. Precision refers to the estimate's variability. Statistical comparison between numbers must include the variability.

Precision refers to the dispersion of the sample measurements used to calculate an estimate and the resultant variability in the estimate. The square root of the estimate of sampling variance is an estimate of the standard error of the estimate, and is almost universally used in sample surveys as a measure of precision.

The standard error is necessary for calculating confidence intervals around an estimate. The width of a confidence interval is a function of the probability level selected, and is determined from the Student's t distribution or the normal distribution. Using the normal distribution, the most commonly used confidence interval (a 95% confidence interval) is given by: estimate $\pm 1.96 \times$ (estimate of standard error). Confidence intervals provide another indication of the precision of the estimated total catch; at the same confidence level a broad interval relative to the estimate indicates a less precise estimate than does a narrow interval. The 95 percent confidence interval indicates that we can be 95 percent certain that the actual total catch is between the upper and lower confidence limits.

The standard error is also used to calculate the proportional standard error (PSE). The PSE expresses the standard error as a percentage of the estimate (standard error/estimate). It provides an alternative measure of precision and is useful in comparing the relative precision of two estimates.

- A small PSE indicates a more precise estimate than does a large PSE.
- A PSE of 20% or less is generally considered acceptable in fisheries data.
- An alternative way of expressing a 95% confidence interval, in terms of percentages, would be: estimate $\pm (1.96 \times \text{PSE})$ percent.

SURVEY LIMITATIONS

Nighttime Fisheries

A structured method within the MRFSS does not exist for monitoring nighttime fisheries. Recreational agents are instructed to visit sites when they expect to encounter the largest number of anglers completing their fishing trip. Caution should be used when evaluating catch estimates from a fishery that exists primarily at night.

Rare Event Species

Species that seldom occur in recreational catches are referred to as rare event species. They include such species as tripletail, tarpon, swordfish, gulf flounder, etc. Samplers are unable to intercept enough anglers with rare event species in their catch to produce precise estimates of catch.

Anadromous Species

The MRFSS is only conducted in saltwater and brackish water areas, along with tidal portions of sounds, bays, and rivers. Freshwater areas are not included in the survey. Alternative methods for assessing recreational catch of freshwater resident species and anadromous species such as American shad, hickory shad, and striped bass must be considered.

Figure 6. North Carolina marine recreational finfish harvest, 2003-2004.



North Carolina Marine Recreational Finfish Harvest 2003 and 2004



SPECIES	NUMBER 2003	NUMBER 2004	POUNDS 2003	POUNDS 2004
Amberjacks	4,734	2,432	93,656	50,051
Barracudas	3,650	3,156	36,797	32,260
Bluefish	952,694	1,042,059	816,121	1,027,851
Bonito	2,174	4,140	6,698	17,229
Cobia	4,271	9,326	84,773	354,429
Croaker, Atlantic	490,399	472,393	317,606	267,233
Dogfish Sharks	1,555	1,944	1,203	1,504
Dolphinfish	334,773	387,102	3,615,079	2,959,177
Drum, Black	273,024	108,302	355,717	239,658
Drum, Red	25,481	30,165	118,808	114,434
Flounder, Southern	118,898	195,576	221,805	422,897
Flounder, Summer	87,851	172,716	125,909	244,984
Groupers	15,678	40,671	132,805	394,893
Grunts	69,003	100,580	89,840	144,205
Jacks	21,728	10,179	12,427	15,685
Kingfishes	458,276	962,540	246,362	442,787
Mackerel, King	114,493	103,650	949,700	1,206,758
Mackerel, Spanish	349,170	312,235	446,052	565,352
Perch, Silver	34,178	19,339	8,519	4,535
Pigfish	440,234	318,275	179,346	134,615
Pinfish	219,254	248,009	73,327	57,289
Pompano	259,879	333,875	164,739	146,176
Porgies	13,991	24,673	22,753	43,192
Puffers	200,526	90,420	148,740	48,171
Sea Bass, Black	166,309	262,831	182,594	273,033
Seatrout, Spotted	106,415	310,487	145,936	377,776
Sharks	11,266	6,147	22,260	18,777
Sheepshead	117,757	53,265	352,121	239,611
Snappers	11,989	35,397	20,404	58,728
Spot	3,796,557	3,994,715	1,714,158	1,821,064
Striped Bass*	48,513	313,717	848,416	6,298,600
Tuna, Bluefin**	0	49	0	10,716
Tuna, Yellowfin	328,106	202,575	7,932,744	5,473,559
Wahoo	17,851	24,514	540,879	692,710
Weakfish	153,753	232,433	161,474	267,625

* Striped Bass landings reflect Atlantic Ocean catches only

** Landings for Highly Migratory Species reflect June through May fishing year

NOTE: The number and pounds of finfish listed represent estimated harvest; finfish released alive are not included. Recreational finfish catches from headboats are not included in this table; headboat data are collected separately by the National Marine Fisheries Service.

Figure 6. Continued.

NORTH CAROLINA MARINE RECREATIONAL FISHERY STATISTICS SURVEY

North Carolina Marine Recreational Finfish Harvest and Release Catch Estimates

Year	Number Harvested	Pounds Harvested	Number Released
2000	8,411,236	21,220,463	13,539,917
2001	11,696,155	23,869,793	16,413,341
2002	10,804,201	18,020,846	14,354,888
2003	13,045,630	21,752,173	13,756,048
2004	14,519,543	24,905,130	18,475,581

North Carolina Marine Recreational Fishing Trip Estimates (number)

Year	Beach/Bank	Charter Boat	Manmade	Private Boat	Total
2000	2,267,348	193,056	1,775,565	2,224,041	6,460,010
2001	2,446,598	201,731	1,832,293	2,168,925	6,649,547
2002	1,946,451	183,262	1,515,529	1,940,880	5,586,122
2003	2,102,022	173,573	2,277,182	2,180,687	6,733,464
2004	2,152,035	177,380	2,128,246	2,567,015	7,024,676

North Carolina Marine Recreational Angler Participation by Residency (number)

Year	Coastal	Non-Coastal	Out-of-State	Total
2000	415,535	229,143	1,277,102	1,921,780
2001	453,932	251,382	1,301,346	2,006,661
2002	409,410	225,814	1,129,980	1,765,205
2003	523,825	280,868	1,298,232	2,102,925
2004	613,351	290,080	1,151,984	2,055,415

Note: Estimates do not include information from the recreational headboat fishery.

Survey Methods

The survey consists of telephone and on-site angler interviews. The telephone interviews are used to collect data on number of trips, fishing location, and when these trips were made. The information on actual catch (species, number, weight, and length) are collected through the on-site angler interviews. The information from both types of interviews are combined to produce estimates of total number and pounds of finfish caught.

Precision of Estimates

Numbers and pounds presented are estimates, not actual counts, therefore having varying levels of precision.

Issued by the Department of Environment and Natural Resources, North Carolina Division of Marine Fisheries, through participation in the National Marine Recreational Fishery Statistics Survey of the National Marine Fisheries Service. In North Carolina, this project is supported, in part, by the U.S. Fish and Wildlife Service through the Sport Fish Restoration Program, Grant F-31. For additional information, contact Section Chief License and Statistics Section, P.O. Box 769, Morehead City, NC 28557, (252) 726-7021.

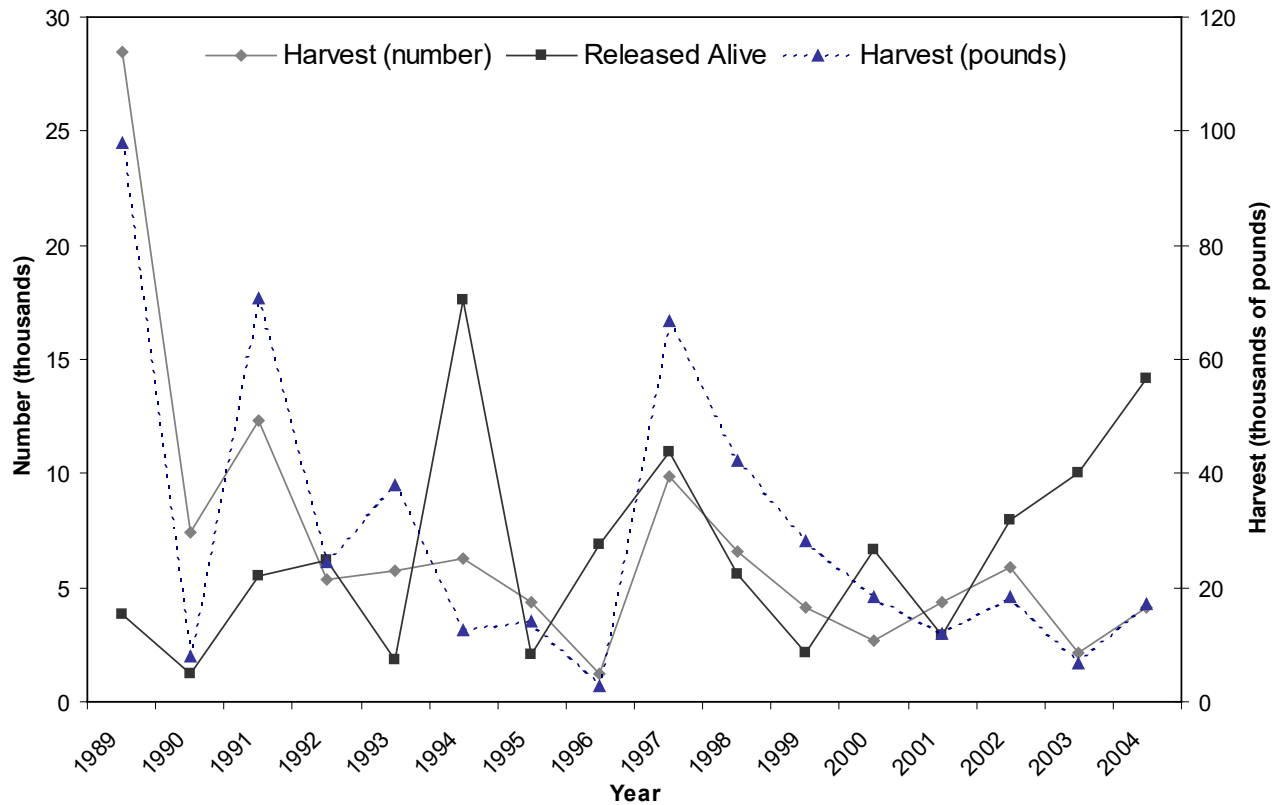


Figure 7. Atlantic bonito recreational catch in North Carolina by year, 1989-2004.

Table 41. Atlantic bonito recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	28,482	27	97,860	27	18.6	3.5	37	3,820	53
1990	7,424	36	7,842	25	19.1	3.7	35	1,249	48
1991	12,327	25	70,605	29	20.6	5.7	37	5,536	60
1992	5,367	21	24,625	22	20.1	4.6	29	6,167	30
1993	5,762	16	37,932	19	22.0	6.6	25	1,873	38
1994	6,285	21	12,551	11	15.1	2.2	23	17,595	35
1995	4,380	55	14,023	59	18.7	3.3	75	2,065	32
1996	1,226	44	2,815	54	20.0	4.2	71	6,910	30
1997	9,851	26	66,709	24	21.1	7.1	35	10,929	31
1998	6,597	34	42,108	41	20.2	6.4	51	5,621	27
1999	4,159	46	28,316	56	21.5	7.5	69	2,106	30
2000	2,697	57	18,236	73	24.8	6.8	82	6,663	45
2001	4,325	47	11,799	47	17.8	2.6	65	2,929	35
2002	5,875	59	18,393	58	18.9	3.1	76	7,986	28
2003	2,174	55	6,698	48	16.6	3.1	68	10,000	27
2004	4,140	54	17,229	58	22.1	5.3	78	14,169	30

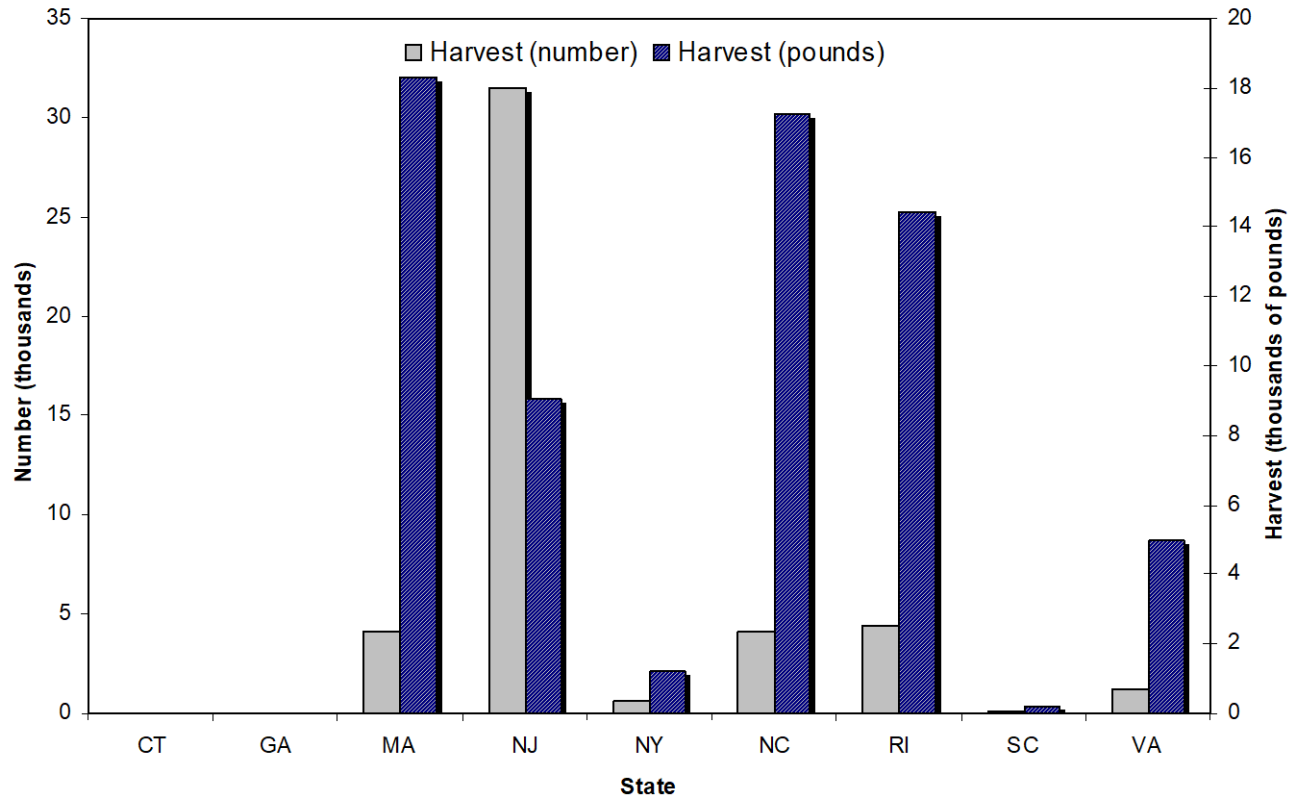


Figure 8. Atlantic bonito recreational harvest by state, 2004.

Table 42. Atlantic bonito recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Connecticut	0	-	0	-	0.0	0.0	-
Georgia	0	-	0	-	0.0	0.0	-
Massachusetts	4,131	64	18,314	88	0.0	7.3	97
New Jersey	31,447	70	9,026	44	7.6	1.1	63
New York	596	100	1,217	99	7.5	2.0	100
North Carolina	4,140	54	17,229	58	22.1	5.3	78
Rhode Island	4,430	32	14,422	19	14.6	4.4	45
South Carolina	47	86	225	89	19.8	4.9	96
Virginia	1,206	87	4,998	77	21.1	4.2	94

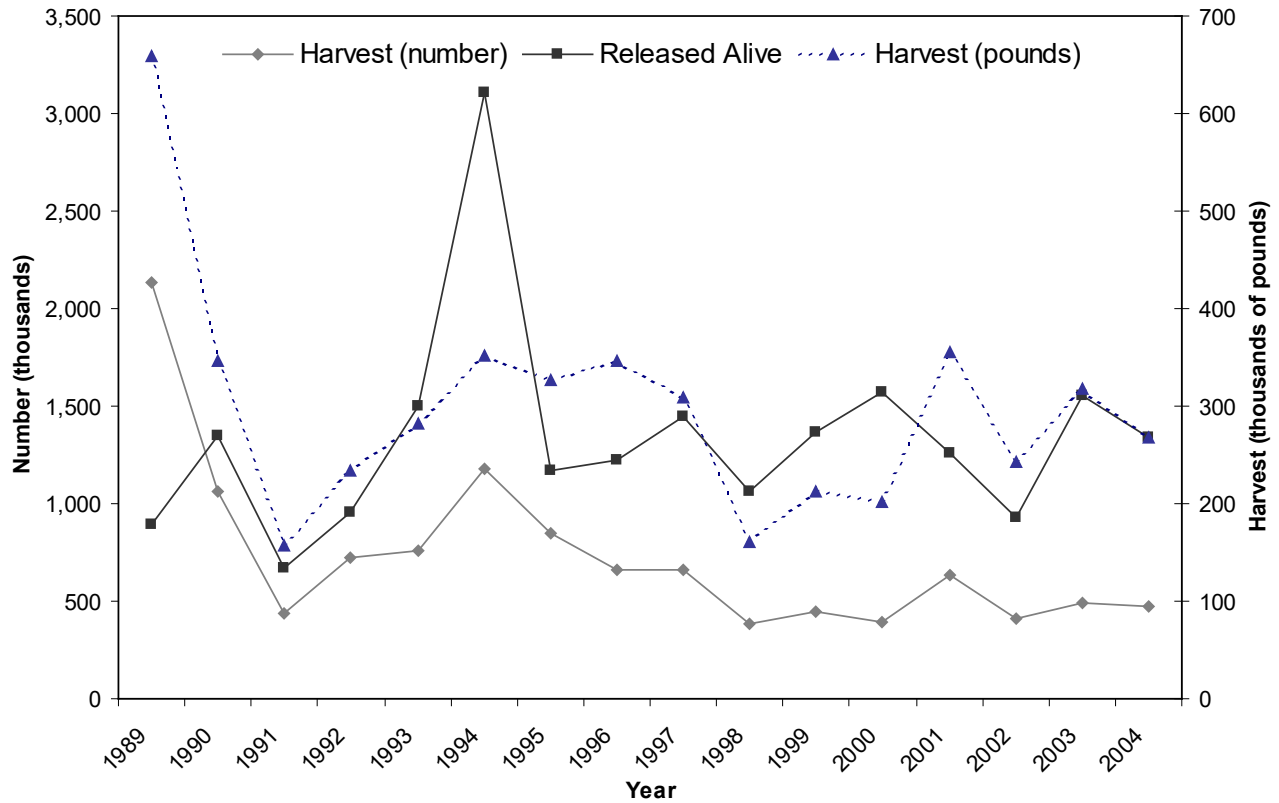


Figure 9. Atlantic croaker recreational catch in North Carolina by year, 1989-2004.

Table 43. Atlantic croaker recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	2,131,763	9	658,567	10	8.9	0.2	19	891,926	11
1990	1,063,452	8	347,183	8	8.5	0.2	17	1,351,152	10
1991	434,067	8	157,660	8	8.4	0.4	9	669,385	12
1992	723,823	8	233,533	9	8.5	0.2	17	954,494	8
1993	755,998	8	282,910	8	8.8	0.4	10	1,499,217	9
1994	1,179,735	7	351,230	7	8.7	0.2	13	3,110,528	7
1995	850,606	10	326,135	10	9.3	0.4	13	1,172,716	6
1996	662,240	10	346,501	11	10.3	0.4	18	1,218,799	7
1997	661,116	12	309,457	16	9.6	0.4	21	1,443,568	8
1998	387,427	11	161,117	11	9.2	0.4	15	1,060,928	8
1999	442,185	11	212,991	12	9.6	0.4	18	1,368,478	8
2000	391,056	12	201,306	13	9.8	0.4	21	1,569,385	8
2001	635,552	12	355,009	14	10.2	0.7	16	1,256,807	8
2002	408,944	14	242,184	17	10.2	0.7	19	925,806	9
2003	490,399	15	317,606	18	10.3	0.7	23	1,552,315	8
2004	472,393	13	267,233	13	10.3	0.7	15	1,343,583	8

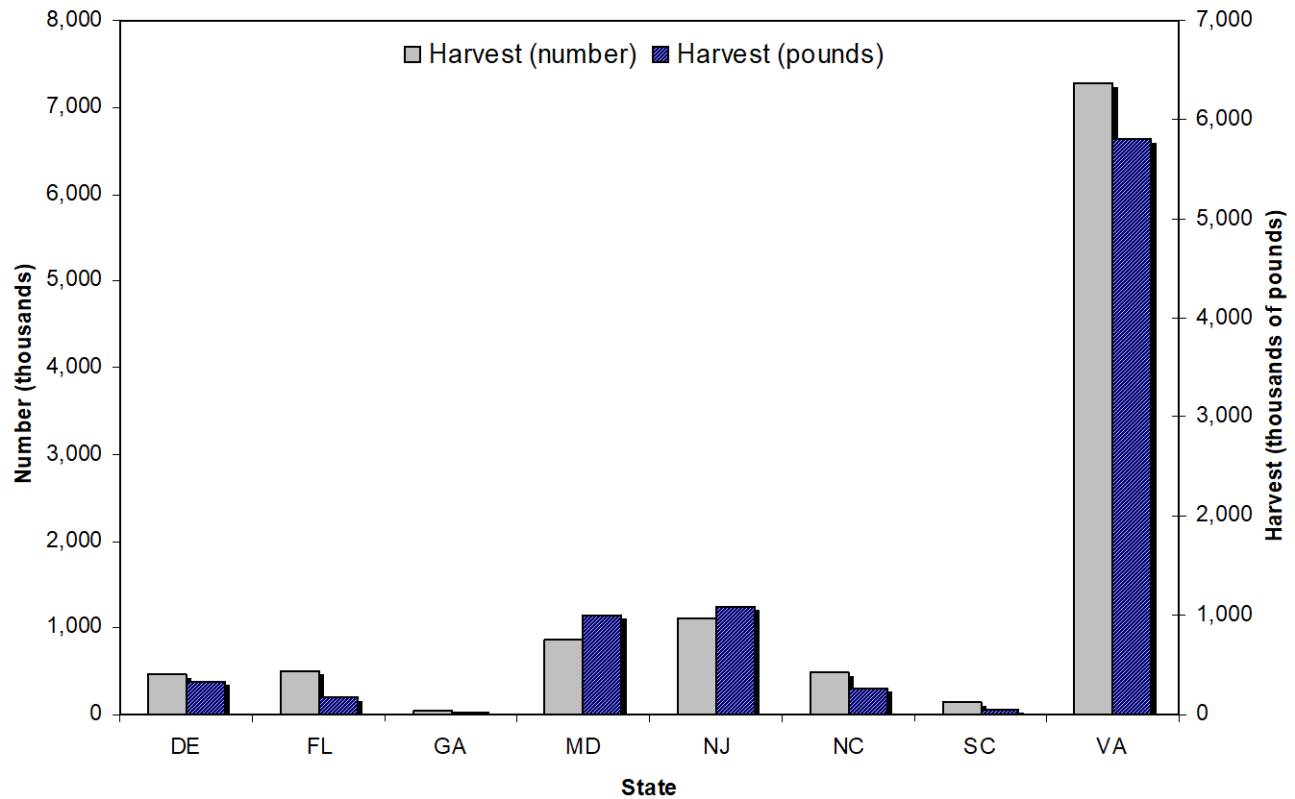


Figure 10. Atlantic croaker recreational harvest by state, 2004.

Table 44. Atlantic croaker recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	466,413	14	331,069	15	11.9	0.7	23
East Florida	493,703	15	177,369	17	9.5	0.4	19
Georgia	45,966	53	18,250	53	9.8	0.4	62
Maryland	866,933	13	1,002,504	13	13.2	1.1	19
New Jersey	1,101,792	18	1,084,066	17	12.9	0.9	27
North Carolina	472,393	13	267,233	13	10.3	0.7	15
South Carolina	135,688	33	53,417	35	8.3	0.4	42
Virginia	7,283,076	9	5,803,616	9	11.7	0.9	11

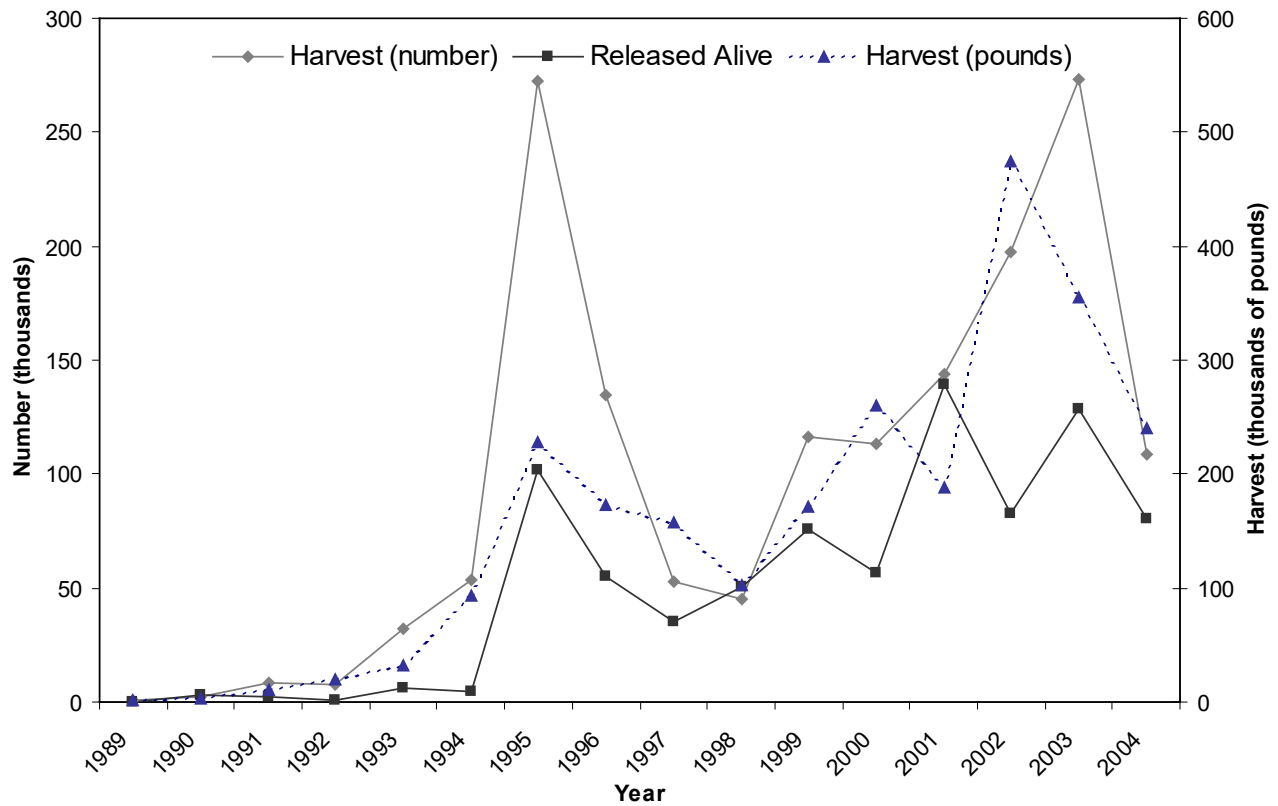


Figure 11. Black drum recreational catch in North Carolina by year, 1989-2004.

Table 45. Black drum recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	394	45	2,169	82	12.0	5.5	86	213	100
1990	2,112	35	3,768	66	13.7	2.0	71	3,291	100
1991	8,712	33	10,558	30	11.5	1.1	48	1,931	44
1992	7,877	28	20,082	33	16.1	2.6	41	731	100
1993	32,184	20	31,475	25	10.9	0.9	35	6,053	30
1994	53,345	20	92,750	19	13.7	1.8	27	4,969	47
1995	272,426	18	227,581	17	10.8	0.9	23	101,866	17
1996	134,926	12	172,960	16	12.8	1.3	19	55,227	19
1997	53,107	18	156,981	20	16.4	2.9	28	35,537	21
1998	44,822	18	102,534	26	14.1	2.2	33	50,208	17
1999	116,407	22	170,793	18	13.1	1.5	27	75,409	13
2000	113,205	18	259,623	19	15.3	2.2	27	56,741	24
2001	144,088	19	188,200	21	11.3	1.3	28	139,525	16
2002	197,211	15	474,620	19	15.1	2.4	24	82,297	24
2003	273,024	27	355,717	19	11.8	1.3	33	128,873	15
2004	108,302	14	239,658	19	14.1	2.2	24	80,281	19

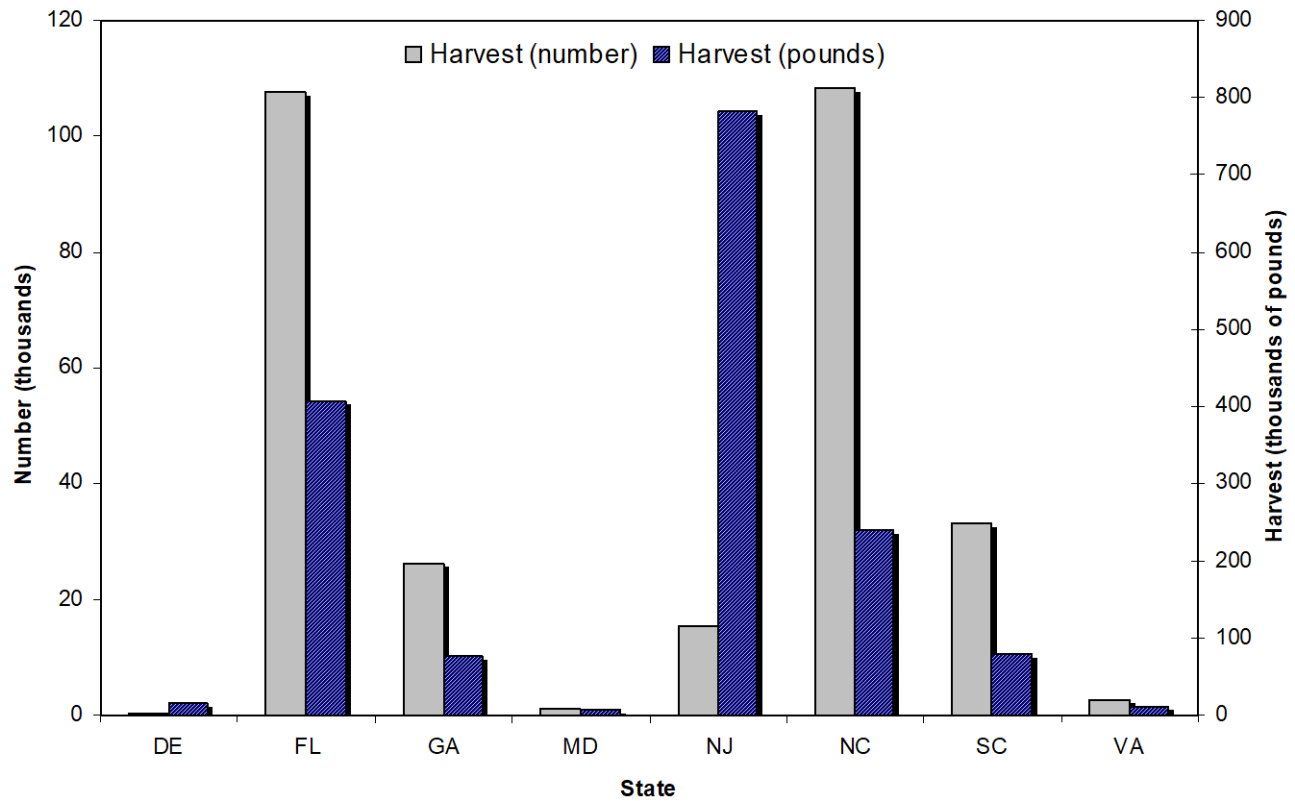


Figure 12. Black drum recreational harvest by state, 2004.

Table 46. Black drum recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	429	92	15,673	92	22.3	36.6	99
East Florida	107,613	14	406,608	17	18.2	3.7	23
Georgia	26,202	26	77,163	32	17.7	2.9	42
Maryland	1,122	86	6,687	94	8.0	6.0	99
New Jersey	15,397	49	783,418	49	44.1	50.9	65
North Carolina	108,302	14	239,658	19	14.1	2.2	24
South Carolina	33,040	31	78,345	45	16.8	2.4	52
Virginia	2,577	58	10,796	90	16.8	4.2	93

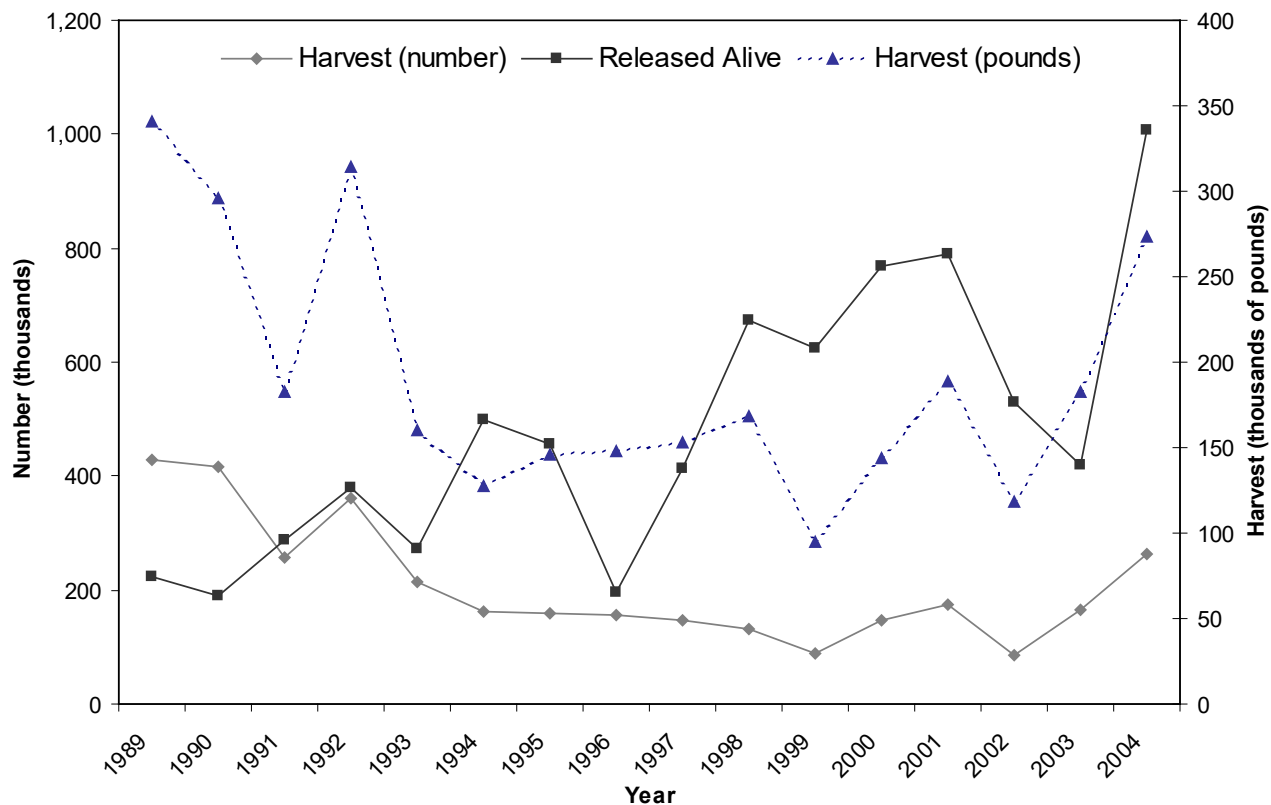


Figure 13. Black sea bass recreational catch in North Carolina by year, 1989-2004.

Table 47. Black sea bass recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	428,200	12	340,758	19	10.7	0.9	20	222,295	14
1990	415,334	14	295,793	14	10.9	0.7	22	188,318	20
1991	257,634	11	182,947	16	10.4	0.7	21	286,856	19
1992	362,038	11	314,195	14	11.3	0.9	18	379,883	13
1993	215,366	10	159,730	12	10.6	0.7	17	271,004	14
1994	162,011	11	127,250	14	11.1	0.9	16	499,025	8
1995	160,298	19	146,134	26	11.3	0.9	32	456,098	11
1996	154,603	18	147,600	19	11.5	0.9	28	197,308	10
1997	146,041	20	153,217	22	11.5	1.1	28	412,195	9
1998	133,059	23	168,692	43	11.0	1.3	46	674,091	9
1999	88,493	18	95,067	24	12.0	1.1	29	624,500	9
2000	147,561	23	143,985	27	12.0	0.9	39	769,553	14
2001	175,482	17	188,773	18	12.5	1.1	24	790,181	8
2002	84,376	19	118,219	19	13.1	1.3	29	530,389	9
2003	166,309	18	182,594	19	12.6	1.1	26	418,178	11
2004	262,831	17	273,033	20	12.0	1.1	24	1,006,812	9

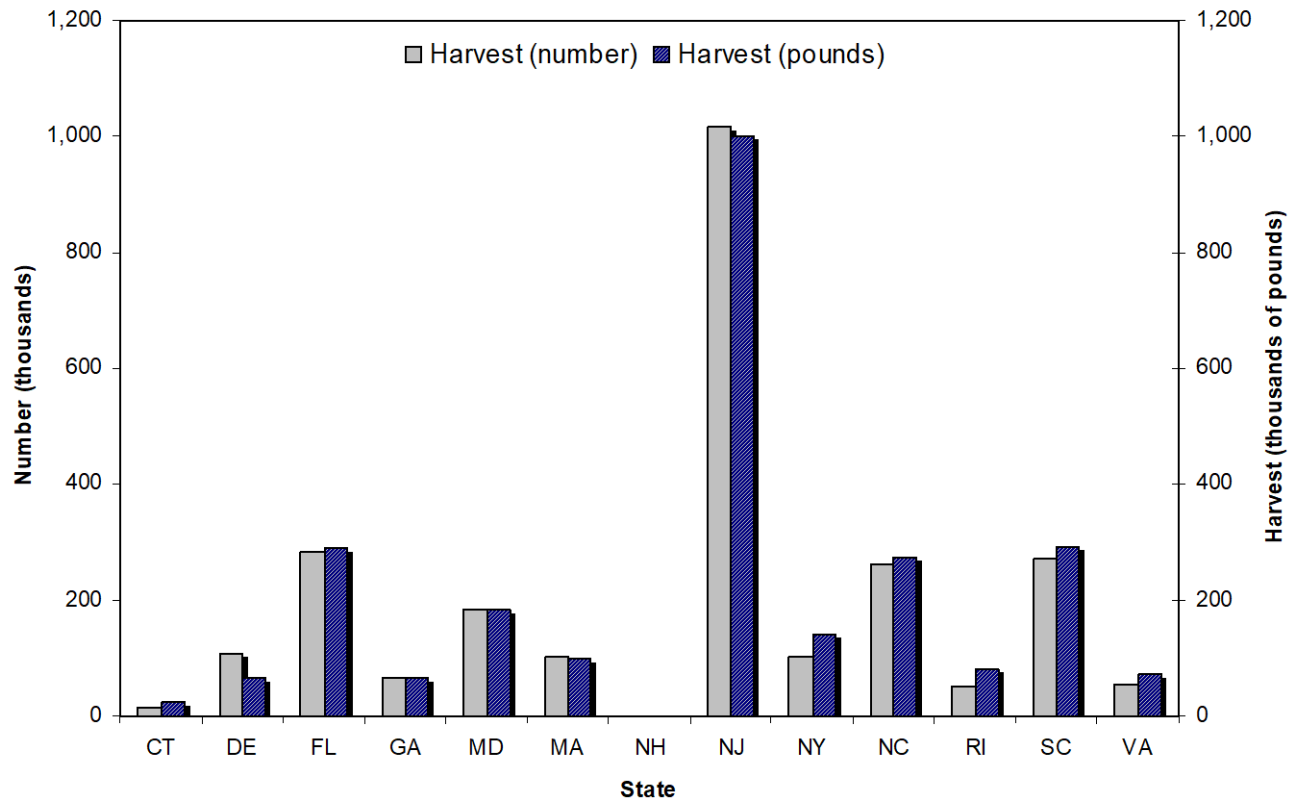


Figure 14. Black sea bass recreational harvest by state, 2004.

Table 48. Black sea bass recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Connecticut	14,987	46	24,442	49	13.7	1.5	67
Delaware	109,229	16	66,425	15	13.0	0.7	20
East Florida	282,765	18	289,396	19	12.4	1.1	24
Georgia	65,683	25	65,126	26	12.2	0.9	40
Maryland	185,383	17	184,247	16	14.0	1.1	21
Massachusetts	101,236	21	99,666	24	15.3	1.3	33
New Hampshire	0	-	0	-	0.0	0.0	-
New Jersey	1,017,549	12	1,000,926	13	13.5	1.1	16
New York	102,071	19	141,826	21	13.5	1.3	30
North Carolina	262,831	17	273,033	20	12.0	1.1	24
Rhode Island	51,573	14	79,998	13	14.0	1.5	20
South Carolina	272,154	26	293,168	27	12.5	1.1	36
Virginia	54,954	19	71,455	21	13.4	1.3	28

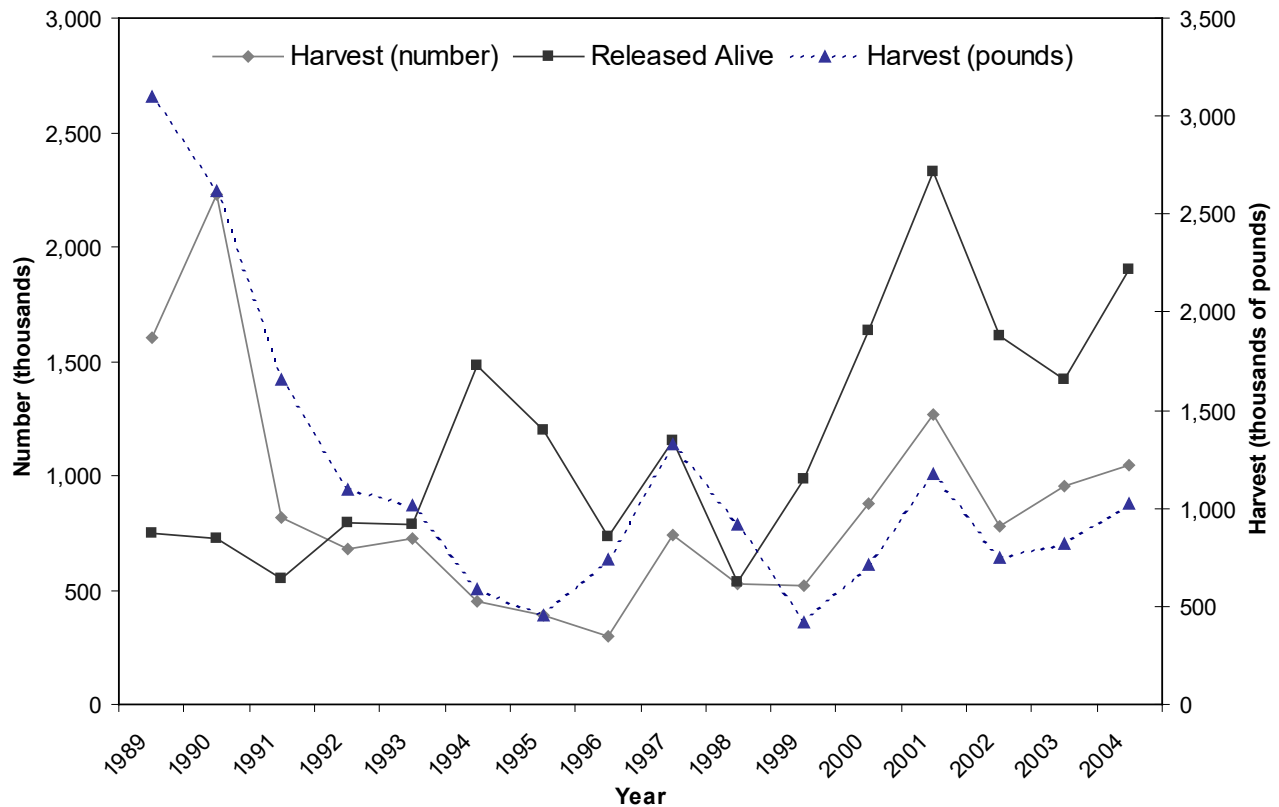


Figure 15. Bluefish recreational catch in North Carolina by year, 1989-2004.

Table 49. Bluefish recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	1,605,431	9	3,098,515	14	12.9	2.0	16	750,152	17
1990	2,228,907	8	2,621,649	10	12.2	1.1	14	728,228	13
1991	820,536	10	1,655,765	12	14.2	2.0	16	551,446	13
1992	681,805	6	1,095,221	14	13.5	1.5	16	796,444	9
1993	722,668	8	1,017,180	11	13.1	1.3	14	784,495	8
1994	451,718	7	587,451	9	13.9	1.3	11	1,480,854	8
1995	386,623	9	456,026	11	13.7	1.1	15	1,200,514	9
1996	298,588	7	739,967	12	15.6	2.4	14	735,622	7
1997	742,424	7	1,327,925	10	14.3	1.8	12	1,149,328	7
1998	527,061	8	919,684	18	14.2	1.8	19	534,295	8
1999	517,744	9	421,180	13	12.1	0.9	15	986,417	9
2000	877,586	8	714,204	9	12.5	0.9	11	1,630,426	9
2001	1,265,790	7	1,171,178	8	12.9	0.9	11	2,328,952	6
2002	777,396	8	746,255	9	12.8	0.9	13	1,609,804	7
2003	952,694	9	816,121	10	12.5	0.9	13	1,416,064	9
2004	1,042,059	8	1,027,851	10	12.9	0.9	14	1,900,631	7

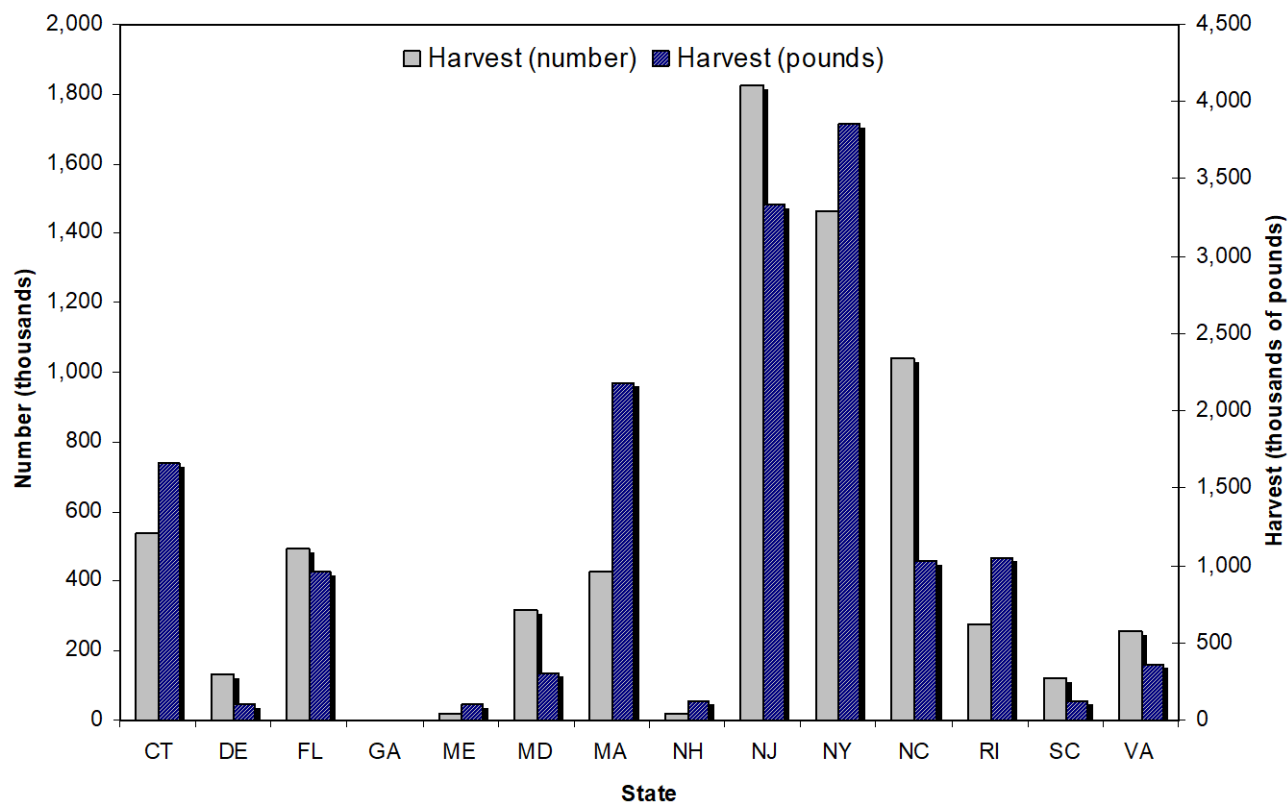


Figure 16. Bluefish recreational harvest by state, 2004.

Table 50. Bluefish recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Connecticut	538,431	13	1,659,389	16	18.4	3.5	20
Delaware	131,652	15	104,284	14	11.4	0.9	18
East Florida	493,898	11	964,221	18	15.0	2.0	21
Georgia	1,026	68	930	91	0.0	0.9	98
Maine	17,655	26	106,088	26	24.0	6.0	37
Maryland	319,006	15	310,117	14	12.5	0.9	22
Massachusetts	427,816	11	2,179,018	12	21.4	5.1	17
New Hampshire	22,000	18	122,609	18	23.2	5.5	25
New Jersey	1,825,661	10	3,340,496	10	15.4	2.0	14
New York	1,464,436	10	3,851,520	11	16.9	2.6	15
North Carolina	1,042,059	8	1,027,851	10	12.9	0.9	14
Rhode Island	277,133	10	1,046,378	11	21.0	4.0	16
South Carolina	118,880	31	125,351	50	12.5	1.1	54
Virginia	255,661	14	364,284	15	13.1	1.3	22

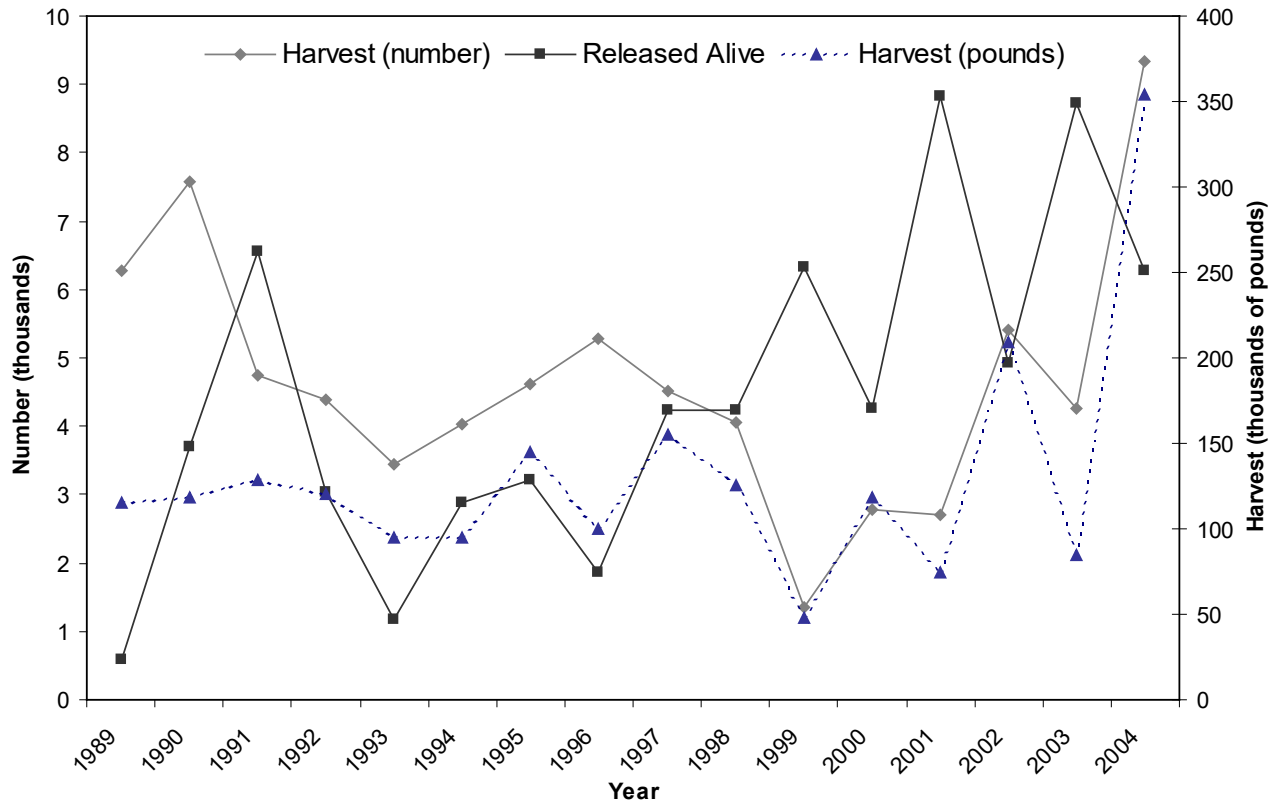


Figure 17. Cobia recreational catch in North Carolina by year, 1989-2004.

Table 51. Cobia recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	6,269	19	115,373	29	33.6	18.3	35	585	73
1990	7,582	19	118,387	27	33.7	15.7	32	3,687	45
1991	4,746	21	128,709	27	34.6	27.1	34	6,544	27
1992	4,389	23	120,261	27	37.9	27.3	35	3,027	36
1993	3,438	25	94,990	28	42.0	27.6	38	1,175	56
1994	4,019	25	94,394	26	38.3	23.6	36	2,892	36
1995	4,606	24	144,756	25	42.3	32.2	35	3,215	30
1996	5,284	52	99,866	43	33.9	19.0	64	1,866	36
1997	4,517	31	154,862	33	42.5	34.4	44	4,231	28
1998	4,057	28	125,545	30	44.1	30.9	40	4,238	28
1999	1,355	44	47,476	50	45.0	35.1	63	6,328	41
2000	2,773	42	118,350	50	45.4	42.8	62	4,249	34
2001	2,700	30	74,756	32	43.6	27.8	43	8,836	27
2002	5,412	33	209,042	34	44.4	38.6	46	4,930	36
2003	4,271	30	84,773	33	40.7	19.8	43	8,720	25
2004	9,326	39	354,429	41	44.2	37.9	55	6,280	29

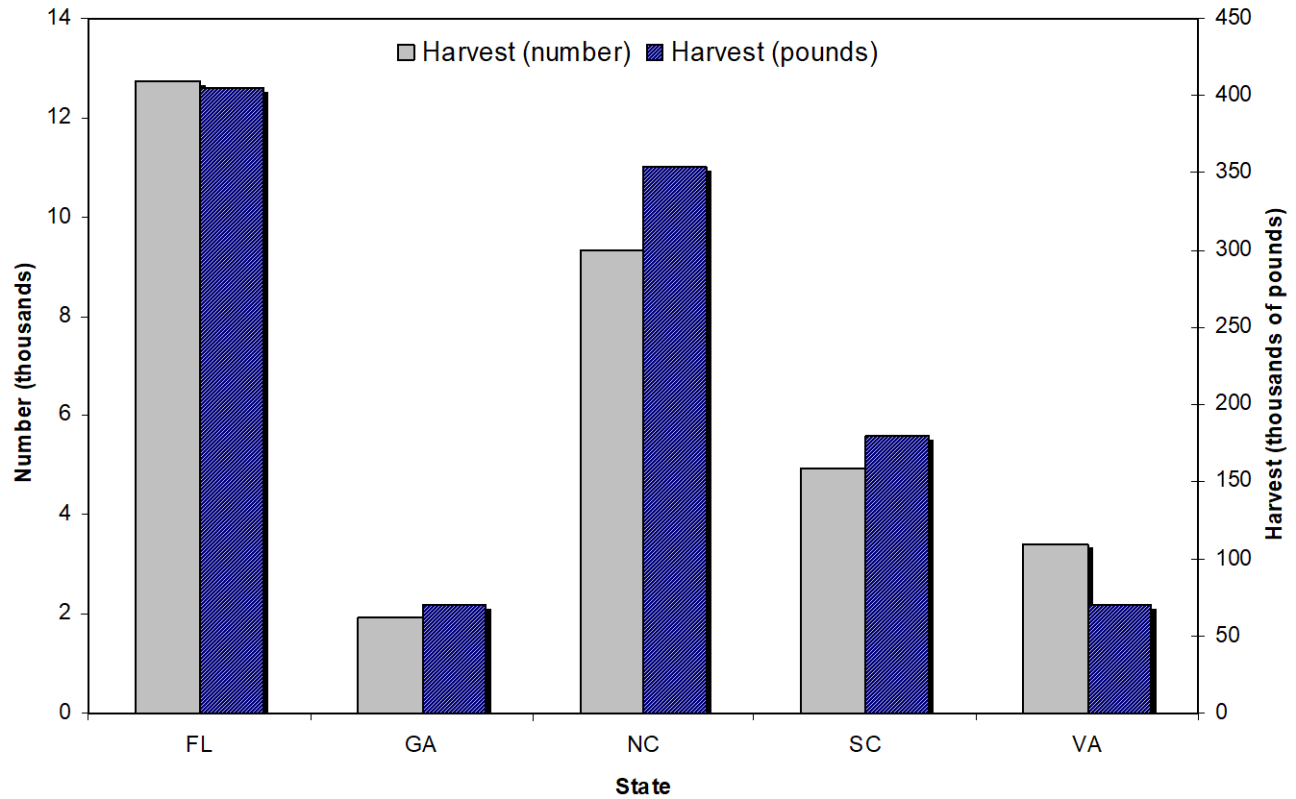


Figure 18. Cobia recreational harvest by state, 2004.

Table 52. Cobia recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	12,735	30	404,374	31	39.4	31.8	42
Georgia	1,924	68	70,325	72	33.5	36.6	86
North Carolina	9,326	39	354,429	41	44.2	37.9	55
South Carolina	4,925	58	179,776	59	41.5	36.6	75
Virginia	3,415	74	70,649	72	39.3	20.7	88

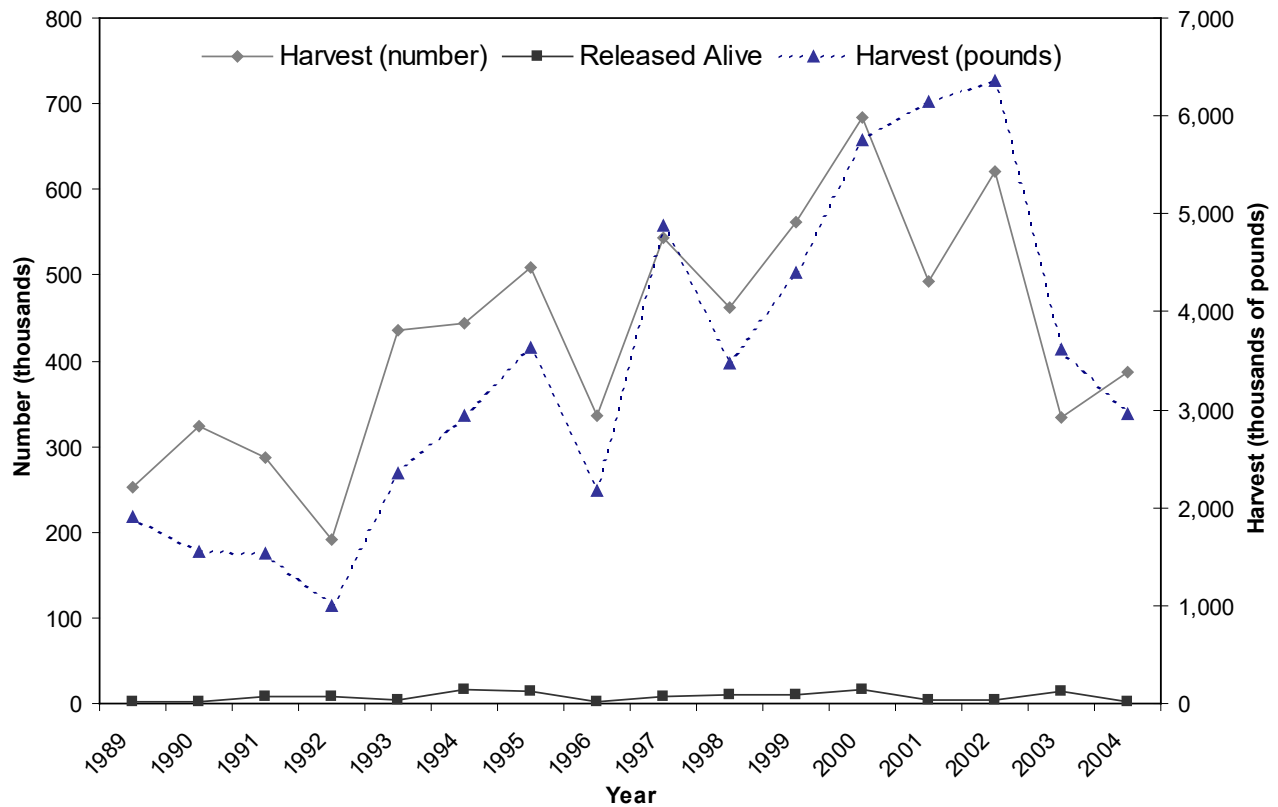


Figure 19. Dolphinfish recreational catch in North Carolina by year, 1989-2004.

Table 53. Dolphinfish recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	251,960	18	1,898,646	21	25.8	7.5	27	1,381	37
1990	324,361	18	1,553,099	17	24.2	4.9	24	2,607	33
1991	287,693	12	1,535,740	12	23.6	5.3	17	8,347	21
1992	191,819	12	997,262	12	23.0	5.3	17	9,133	48
1993	435,749	8	2,348,073	9	23.4	5.3	12	4,617	28
1994	444,435	7	2,939,585	8	25.8	6.6	11	15,340	17
1995	508,652	8	3,638,181	8	26.7	7.1	11	13,942	22
1996	336,031	10	2,168,491	-	25.9	6.4	15	2,411	34
1997	542,531	9	4,886,057	9	29.2	9.0	13	7,506	30
1998	462,347	9	3,466,778	10	27.2	7.5	13	10,404	24
1999	561,249	10	4,397,882	10	28.1	7.9	14	10,633	26
2000	683,228	9	5,757,355	10	28.3	8.4	14	16,485	25
2001	492,295	10	6,141,218	12	32.0	12.6	16	4,373	38
2002	620,792	9	6,355,915	9	30.0	10.1	13	3,730	33
2003	334,773	14	3,615,079	15	31.5	10.8	20	13,835	37
2004	387,102	11	2,959,177	11	27.7	7.7	16	2,487	47

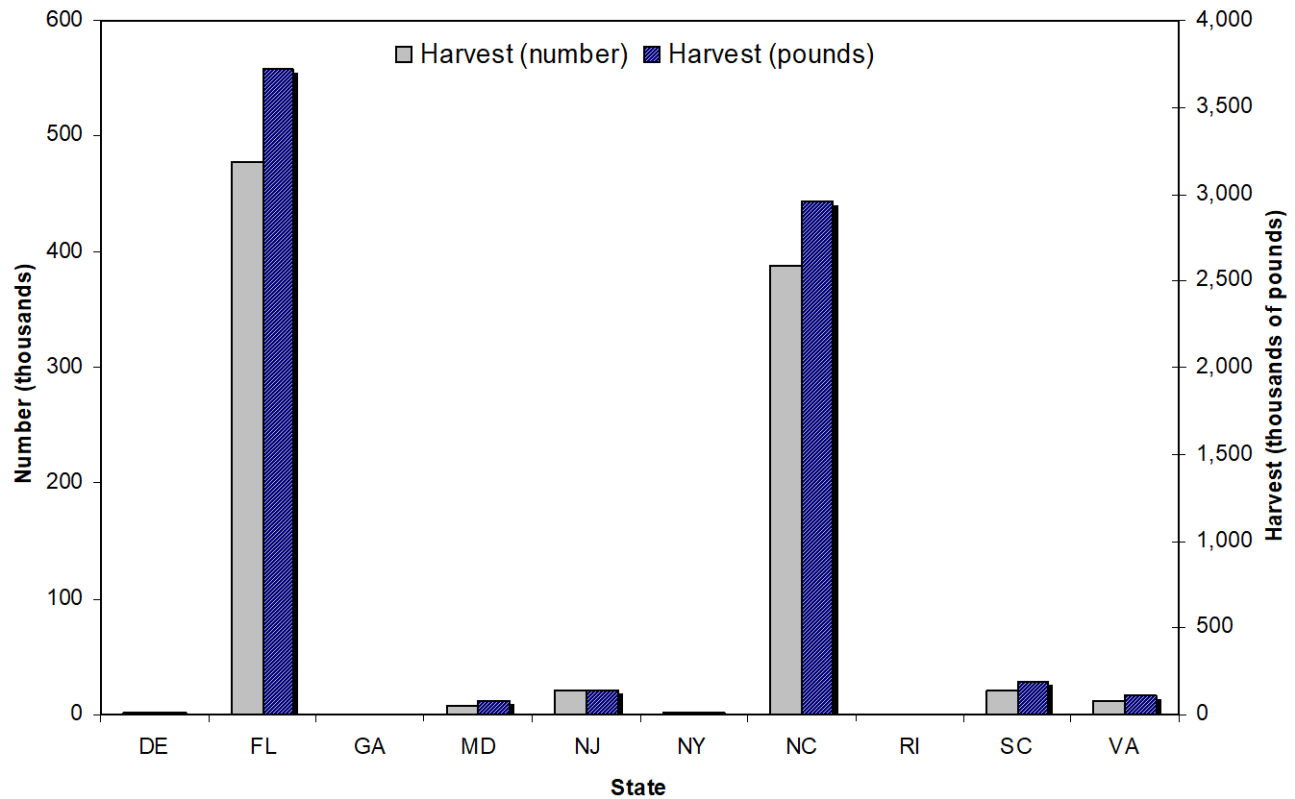


Figure 20. Dolphinfish recreational harvest by state, 2004.

Table 54. Dolphinfish recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	1,888	47	9,786	68	22.3	5.3	75
East Florida	477,257	8	3,721,821	11	27.2	7.7	14
Georgia	281	69	2,299	68	29.3	8.2	85
Maryland	7,941	42	79,458	51	28.3	9.9	63
New Jersey	21,064	35	137,935	64	8.7	7.1	70
New York	1,139	100	5,721	100	17.7	5.1	99
North Carolina	387,102	11	2,959,177	11	27.7	7.7	16
Rhode Island	647	60	0	-	0.0	0.0	-
South Carolina	20,622	51	194,774	52	30.4	9.5	67
Virginia	11,757	40	109,205	48	27.5	9.3	60

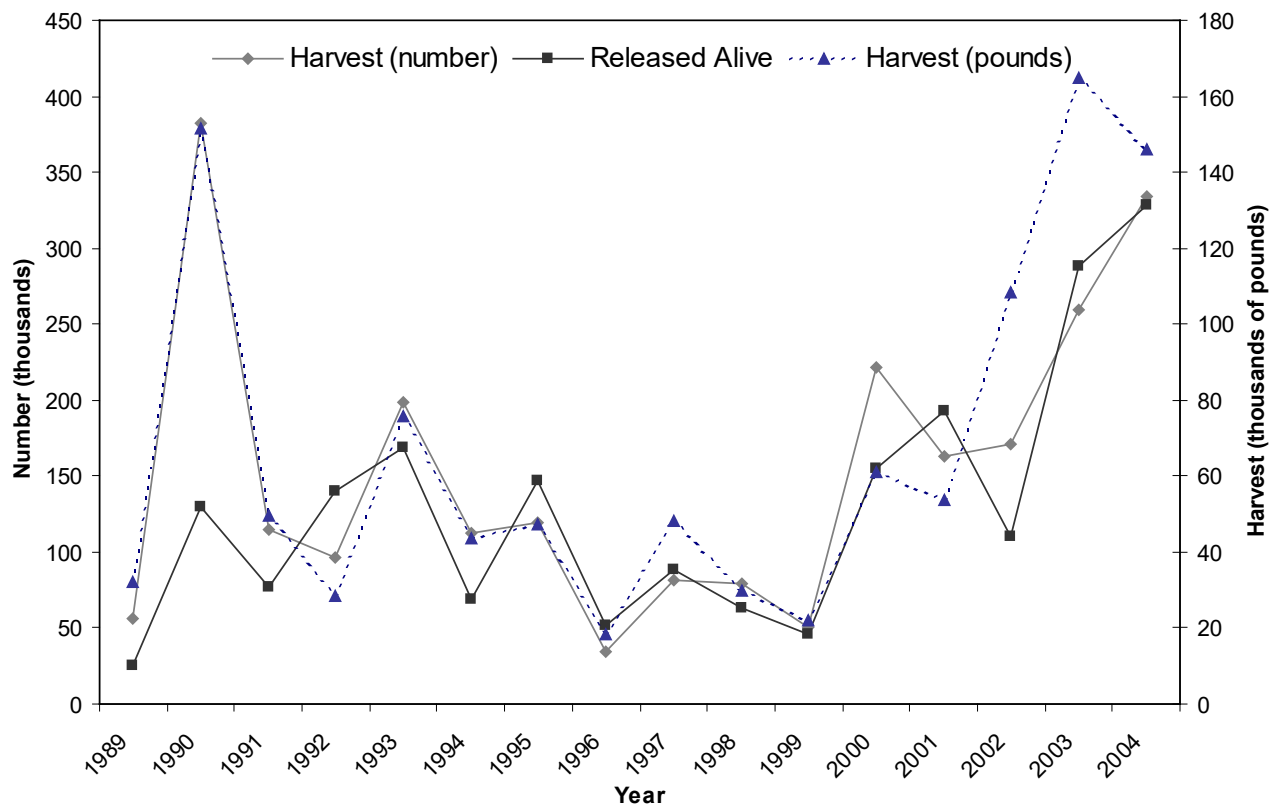


Figure 21. Florida pompano recreational catch in North Carolina by year, 1989-2004.

Table 55. Florida pompano recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	56,074	19	32,341	22	7.8	0.7	25	25,699	38
1990	381,701	18	151,751	17	7.4	0.4	22	129,719	28
1991	115,272	14	49,526	15	7.6	0.4	20	77,256	25
1992	96,722	17	28,640	17	7.1	0.2	32	140,306	30
1993	198,814	14	75,913	15	7.3	0.4	18	169,174	20
1994	112,593	15	43,400	16	7.8	0.4	19	68,639	26
1995	119,406	19	47,070	19	8.5	0.4	24	146,883	28
1996	34,968	15	18,243	23	8.3	0.4	32	51,328	17
1997	81,775	19	48,166	23	8.7	0.7	26	88,249	15
1998	79,082	22	29,707	27	8.6	0.4	29	63,639	19
1999	50,902	22	21,894	22	8.6	0.4	30	45,386	19
2000	221,076	17	61,078	18	6.9	0.2	31	155,055	20
2001	163,540	23	53,925	23	7.6	0.2	48	192,900	16
2002	171,033	20	108,455	21	8.9	0.7	27	110,243	28
2003	259,879	19	164,739	20	8.2	0.7	26	288,409	19
2004	333,875	15	146,176	15	7.8	0.4	21	328,595	17

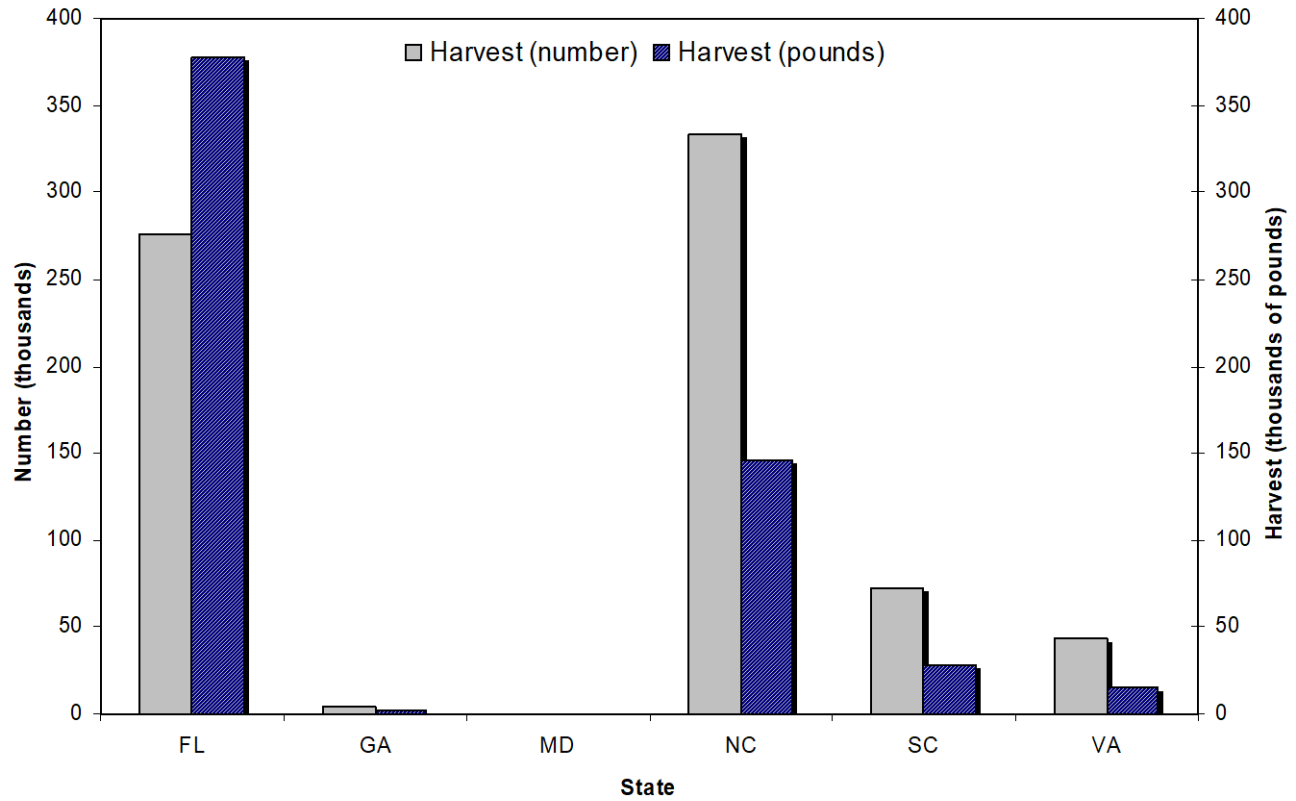


Figure 22. Florida pompano recreational harvest by state, 2004.

Table 56. Florida pompano recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	276,476	15	377,860	16	12.3	1.3	23
Georgia	4,168	75	2,213	100	0.0	0.4	100
Maryland	0	-	0	-	0.0	0.0	-
North Carolina	333,875	15	146,176	15	7.8	0.4	21
South Carolina	73,029	50	28,274	53	7.0	0.4	60
Virginia	43,168	35	15,049	36	8.0	0.4	38

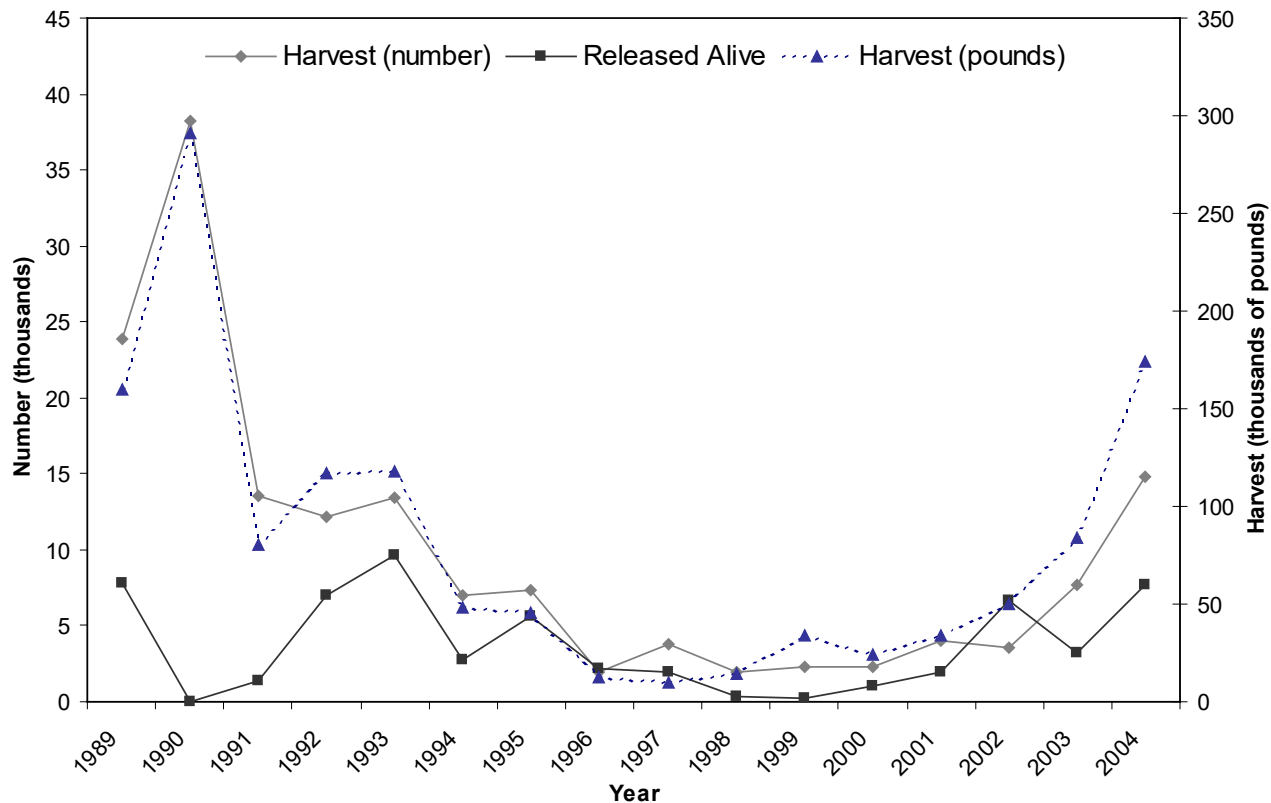


Figure 23. Gag recreational catch in North Carolina by year, 1989-2004.

Table 57. Gag recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	23,840	27	159,421	51	18.8	6.6	56	7,828	54
1990	38,229	34	290,879	55	20.8	7.7	61	0	-
1991	13,566	32	80,397	40	21.8	6.0	49	1,423	49
1992	12,130	19	116,795	20	25.8	9.7	27	7,048	49
1993	13,471	60	118,281	77	21.2	8.8	85	9,629	58
1994	7,049	21	48,049	20	22.2	6.8	28	2,712	44
1995	7,340	50	45,774	39	23.0	6.2	61	5,629	29
1996	1,942	33	12,899	37	26.3	9.0	49	2,140	37
1997	3,774	49	10,018	62	28.2	11.9	75	1,918	49
1998	1,927	44	13,926	51	26.9	8.6	66	299	100
1999	2,312	47	34,118	46	31.1	14.8	62	224	75
2000	2,308	46	24,107	49	22.9	10.4	64	1,027	100
2001	4,052	39	33,508	38	26.3	8.4	51	1,928	53
2002	3,610	61	49,570	71	30.2	13.7	83	6,684	72
2003	7,650	49	83,980	52	26.7	11.0	67	3,268	79
2004	14,815	41	173,753	42	28.8	11.7	57	7,655	39

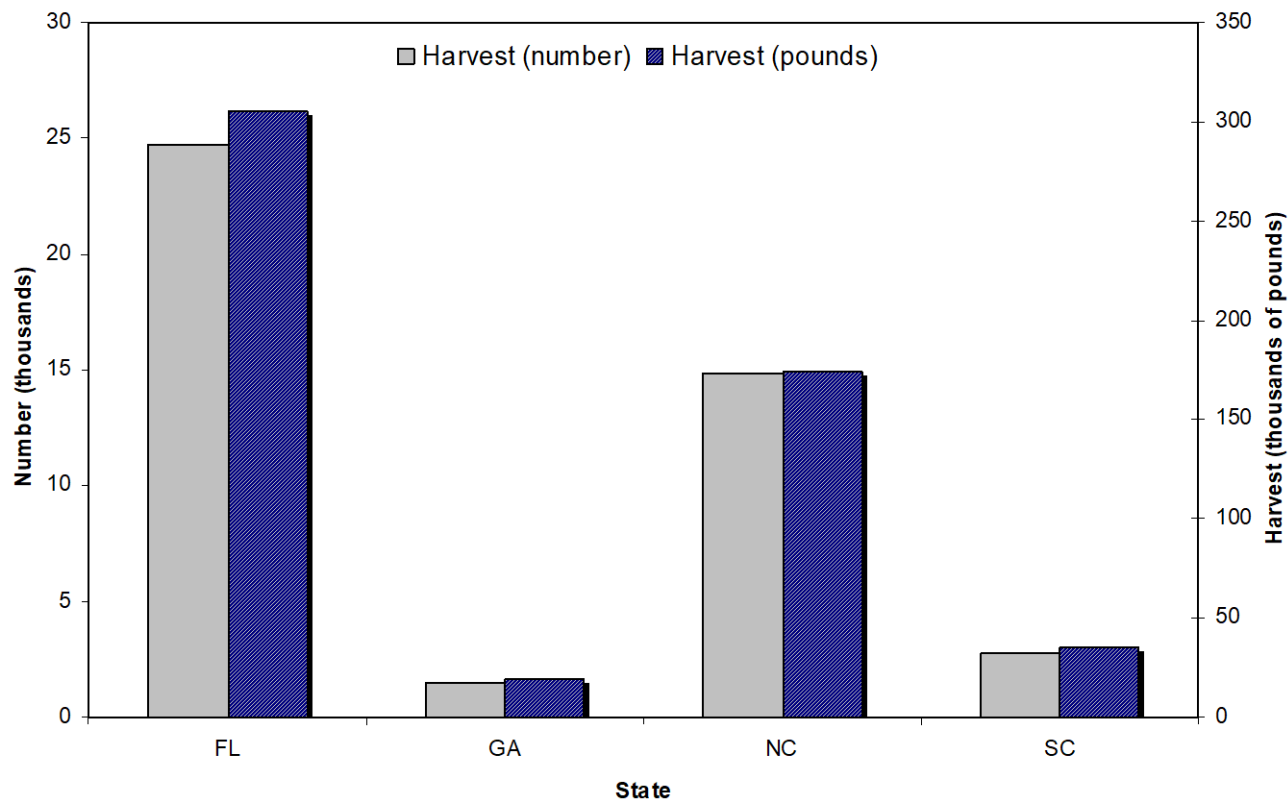


Figure 24. Gag recreational harvest by state, 2004.

Table 58. Gag recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	24,708	17	305,240	19	29.0	12.3	26
Georgia	1,492	42	19,176	45	29.2	12.8	59
North Carolina	14,815	41	173,753	42	28.8	11.7	57
South Carolina	2,777	36	34,877	38	26.5	12.6	51

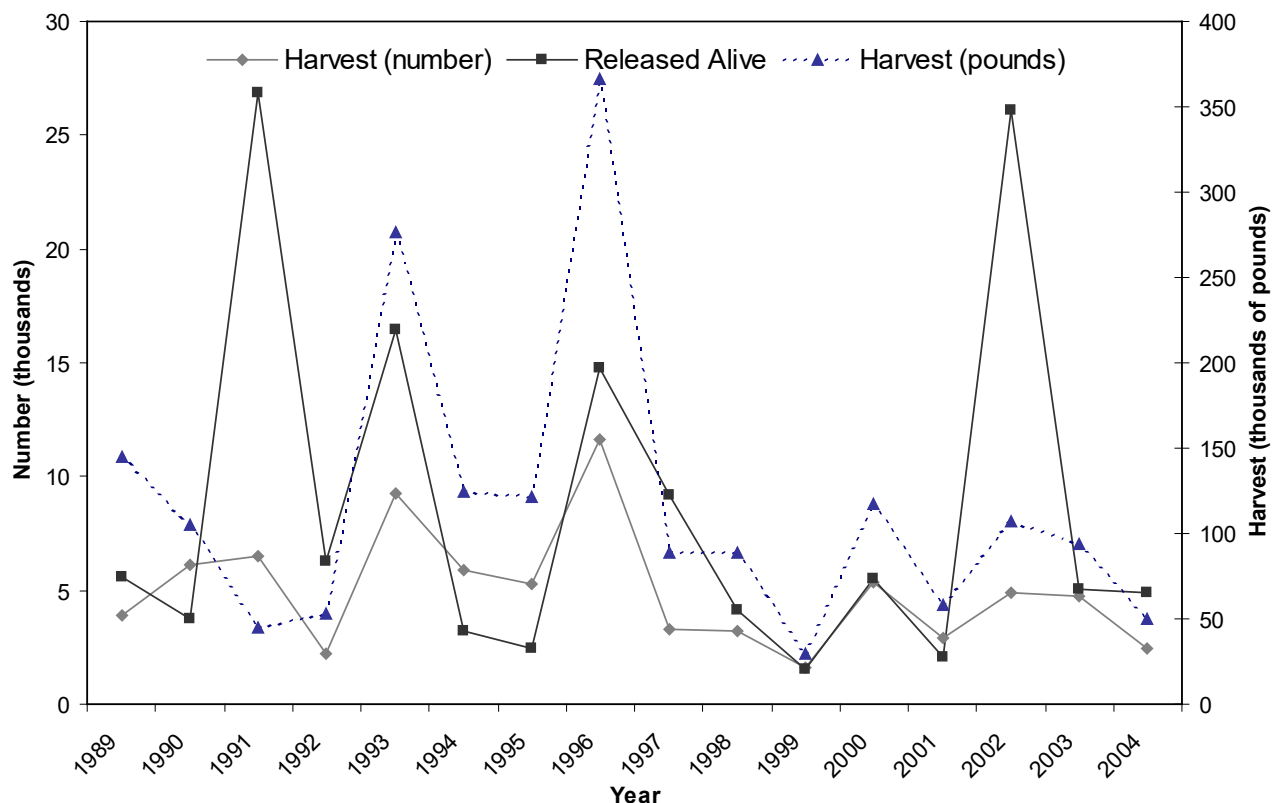


Figure 25. Greater amberjack recreational catch in North Carolina by year, 1989-2004.

Table 59. Greater amberjack recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	3,935	21	145,173	26	42.3	36.8	33	5,574	44
1990	6,113	22	105,217	24	32.6	18.1	33	3,736	31
1991	6,484	24	44,998	19	18.6	6.8	30	26,883	34
1992	2,227	22	53,038	27	36.1	23.8	34	6,281	35
1993	9,237	24	276,706	28	38.7	30.0	37	16,432	21
1994	5,883	17	124,474	18	33.9	21.4	25	3,237	47
1995	5,265	44	121,919	45	37.5	23.2	60	2,477	27
1996	11,660	30	366,804	33	39.5	31.5	43	14,763	34
1997	3,297	32	88,444	33	39.6	26.9	45	9,221	25
1998	3,248	34	88,967	35	37.2	27.3	48	4,146	61
1999	1,616	53	29,905	57	26.3	18.5	72	1,504	52
2000	5,353	43	117,179	44	33.5	21.8	58	5,480	42
2001	2,889	28	57,875	31	37.7	20.1	41	2,034	46
2002	4,915	28	106,745	29	35.7	21.8	39	26,099	28
2003	4,734	34	93,656	33	35.2	19.8	46	5,076	42
2004	2,432	36	50,051	36	34.6	20.5	49	4,890	37

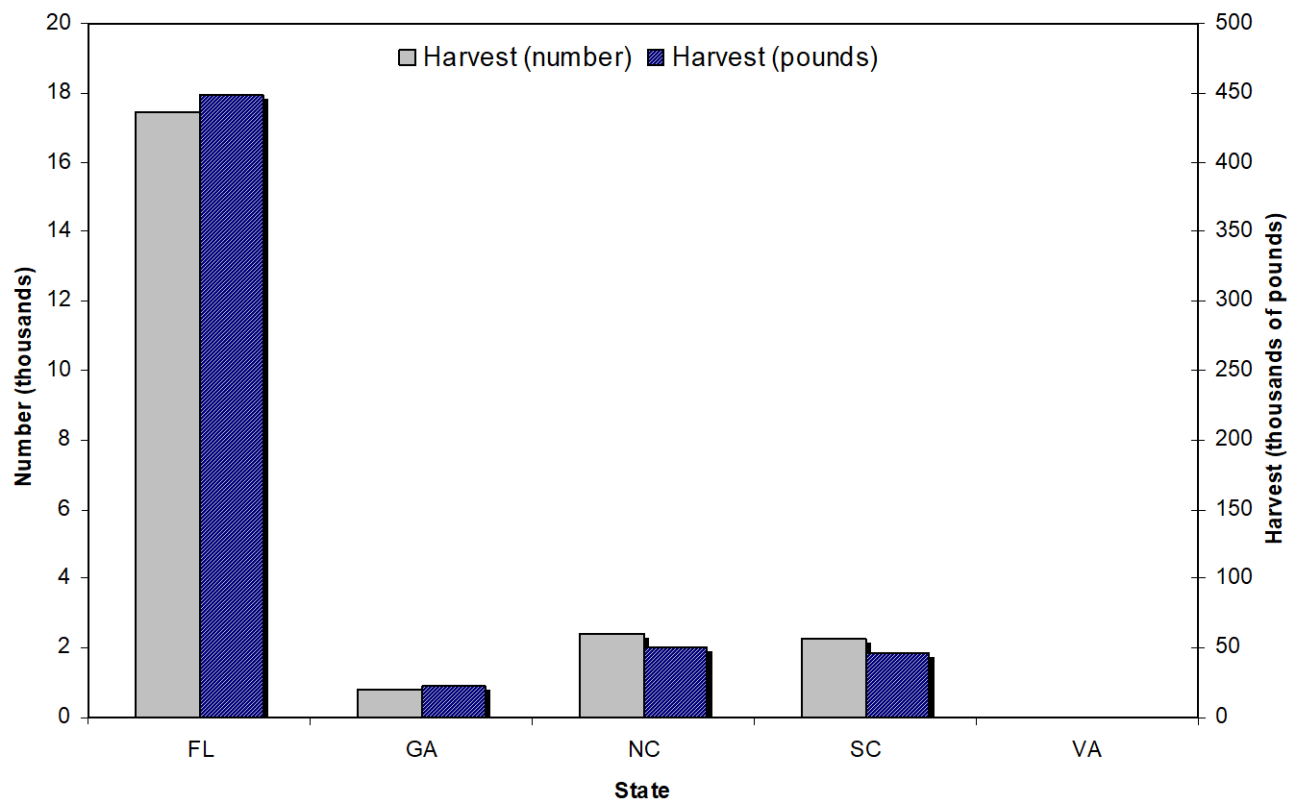


Figure 26. Greater amberjack recreational harvest by state, 2004.

Table 60. Greater amberjack recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	17,413	20	448,259	22	39.1	27.6	30
Georgia	780	49	22,101	55	34.9	28.4	68
North Carolina	2,432	36	50,051	36	34.6	20.5	49
South Carolina	2,251	48	46,541	52	34.8	20.7	66
Virginia	0	-	0	-	0.0	0.0	-

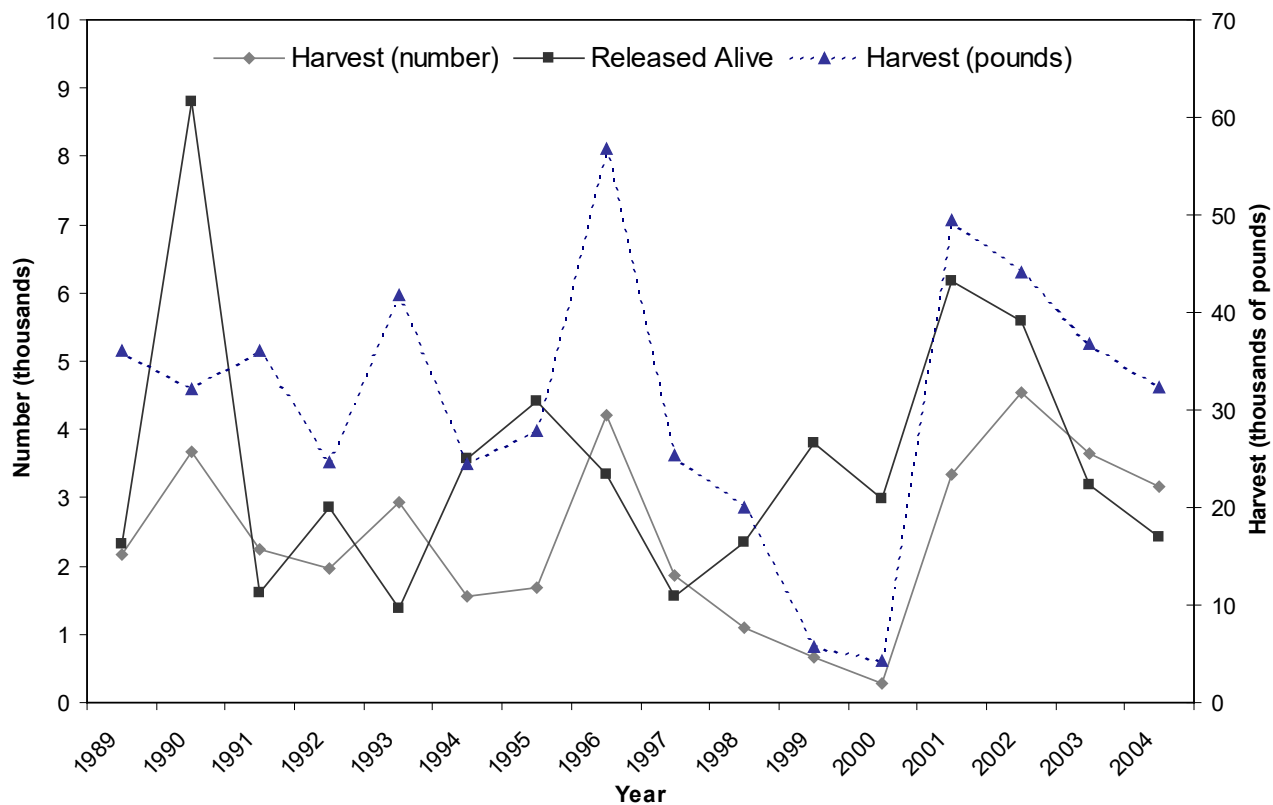


Figure 27. Greater barracuda recreational catch in North Carolina by year, 1989-2004.

Table 61. Greater barracuda recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	2,173	27	36,094	32	42.6	16.5	41	2,320	55
1990	3,685	22	32,198	25	33.5	8.8	32	8,789	85
1991	2,236	22	36,100	24	37.6	16.1	32	1,600	55
1992	1,973	22	24,628	26	35.7	12.6	33	2,850	32
1993	2,925	17	41,742	19	39.0	14.3	25	1,381	35
1994	1,567	23	24,535	23	39.9	15.7	32	3,581	28
1995	1,681	28	27,890	33	38.0	16.5	43	4,421	20
1996	4,201	32	56,863	37	36.6	13.5	48	3,350	29
1997	1,864	30	25,366	32	39.9	13.7	43	1,560	37
1998	1,085	30	20,013	34	39.2	18.5	44	2,359	37
1999	661	58	5,710	61	49.5	8.6	77	3,795	30
2000	290	38	4,286	41	41.1	14.8	54	2,989	39
2001	3,345	43	49,445	49	40.2	14.8	62	6,182	22
2002	4,541	24	44,158	25	33.5	9.7	34	5,597	30
2003	3,650	30	36,797	35	37.2	10.1	45	3,194	46
2004	3,156	30	32,260	32	34.3	10.1	43	2,423	59

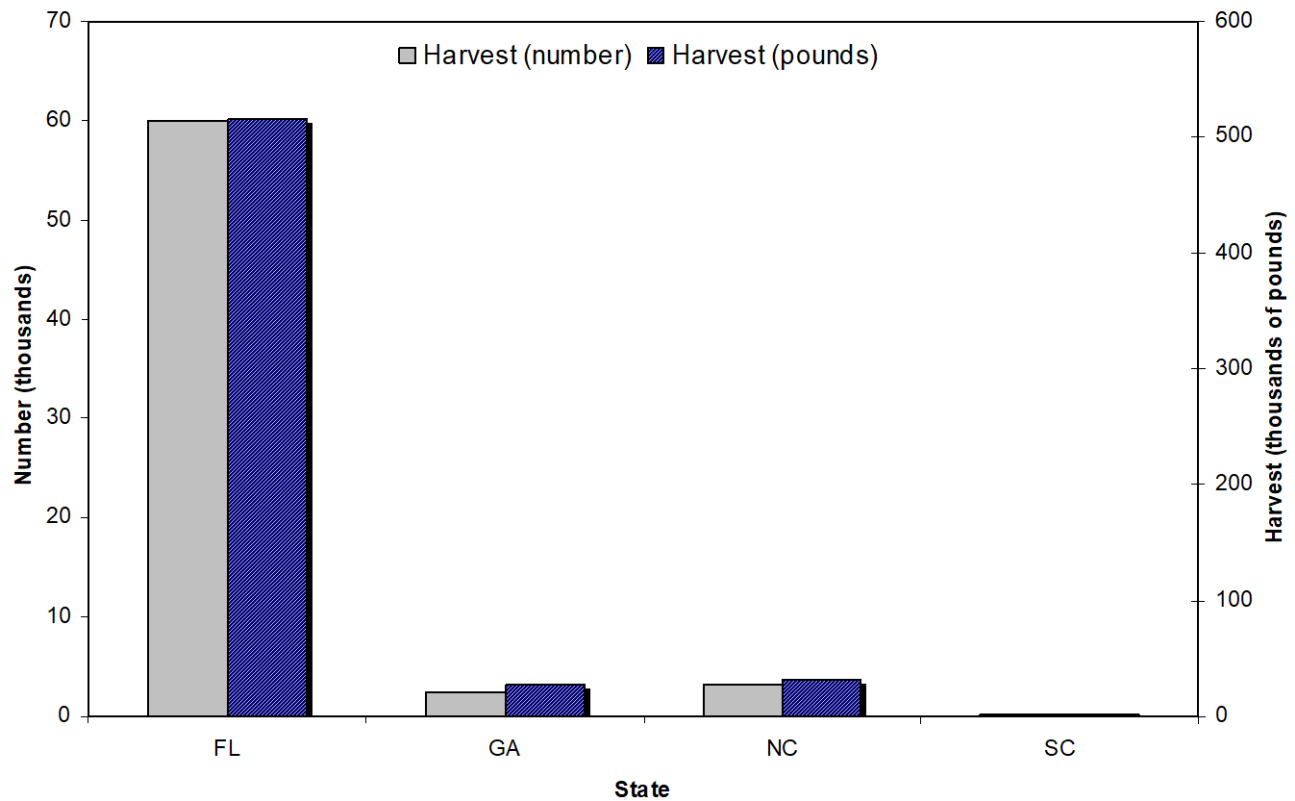


Figure 28. Greater barracuda recreational harvest by state, 2004.

Table 62. Greater barracuda recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	60,043	18	515,380	21	29.2	8.6	28
Georgia	2,448	52	26,817	59	39.3	11.0	72
North Carolina	3,156	30	32,260	32	34.3	10.1	43
South Carolina	241	59	2,046	61	35.0	8.4	77

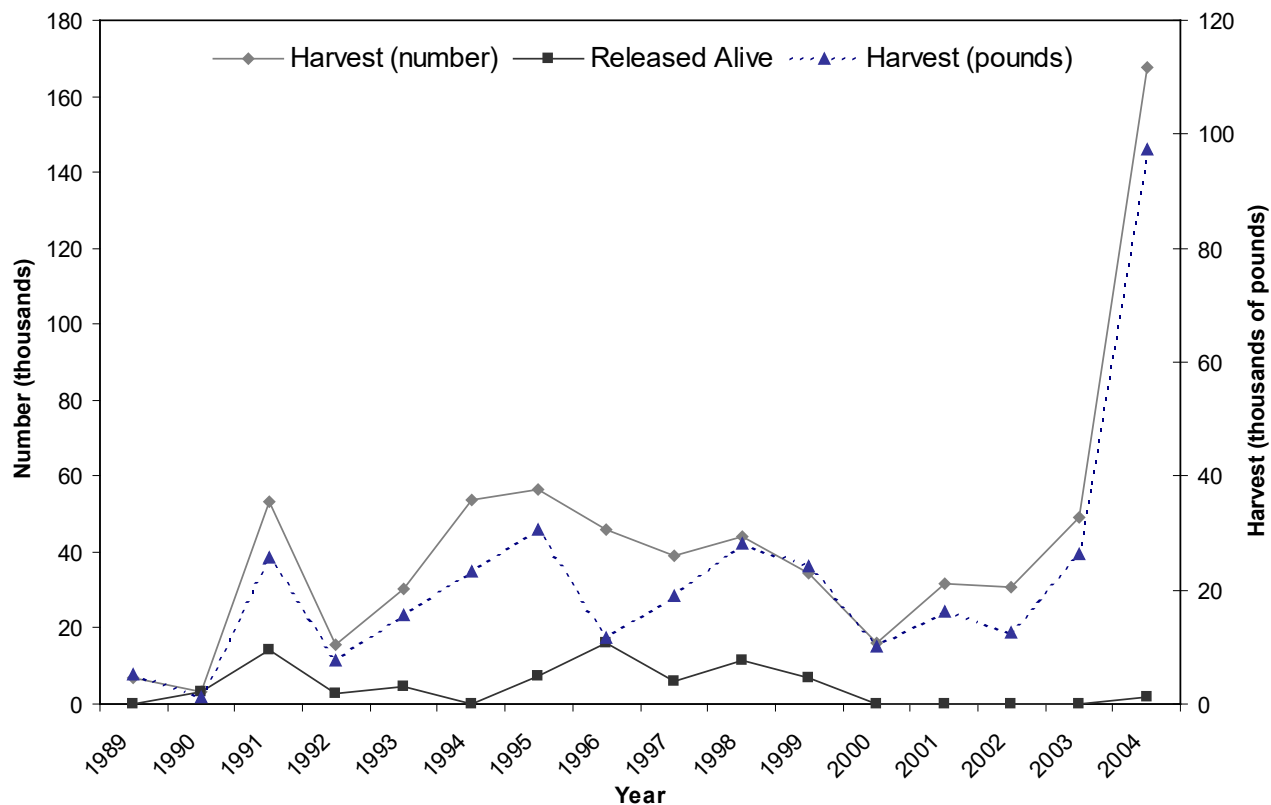


Figure 29. Gulf kingfish recreational catch in North Carolina by year, 1989-2004.

Table 63. Gulf kingfish recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	7,110	36	5,192	37	11.2	0.7	55	0	-
1990	2,987	57	1,307	49	9.9	0.4	69	3,391	93
1991	53,150	15	25,840	15	9.6	0.4	23	14,219	77
1992	15,801	23	7,573	25	10.4	0.4	37	2,541	100
1993	30,437	21	15,560	22	10.6	0.4	35	4,487	54
1994	53,772	23	23,250	25	9.9	0.4	33	0	0
1995	56,479	52	30,613	57	10.4	0.4	88	7,434	62
1996	45,884	20	11,737	42	10.3	0.4	43	15,975	37
1997	38,978	24	18,942	28	9.3	0.4	40	5,772	32
1998	44,200	40	28,203	47	10.6	0.7	57	11,450	41
1999	34,589	32	24,046	46	9.8	0.7	56	6,731	55
2000	15,972	34	10,227	36	10.6	0.7	47	0	-
2001	31,700	22	16,153	23	10.6	0.4	36	0	-
2002	30,983	26	12,593	28	9.9	0.4	34	0	-
2003	48,918	20	26,338	22	10.4	0.4	36	0	-
2004	167,477	17	97,492	18	10.8	0.7	22	1,675	79

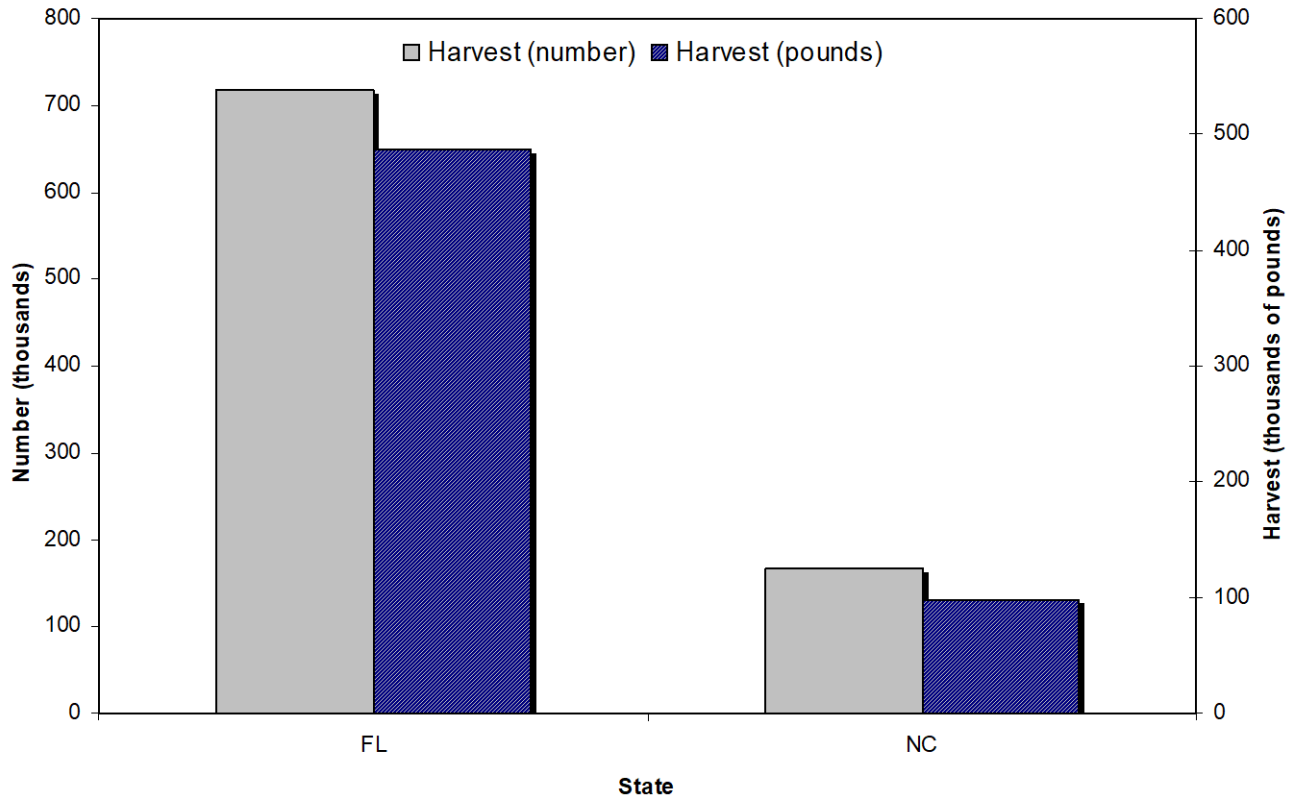


Figure 30. Gulf kingfish recreational harvest by state, 2004.

Table 64. Gulf kingfish recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	717,550	15	487,536	15	11.9	0.7	22
North Carolina	167,477	17	97,492	18	10.8	0.7	22

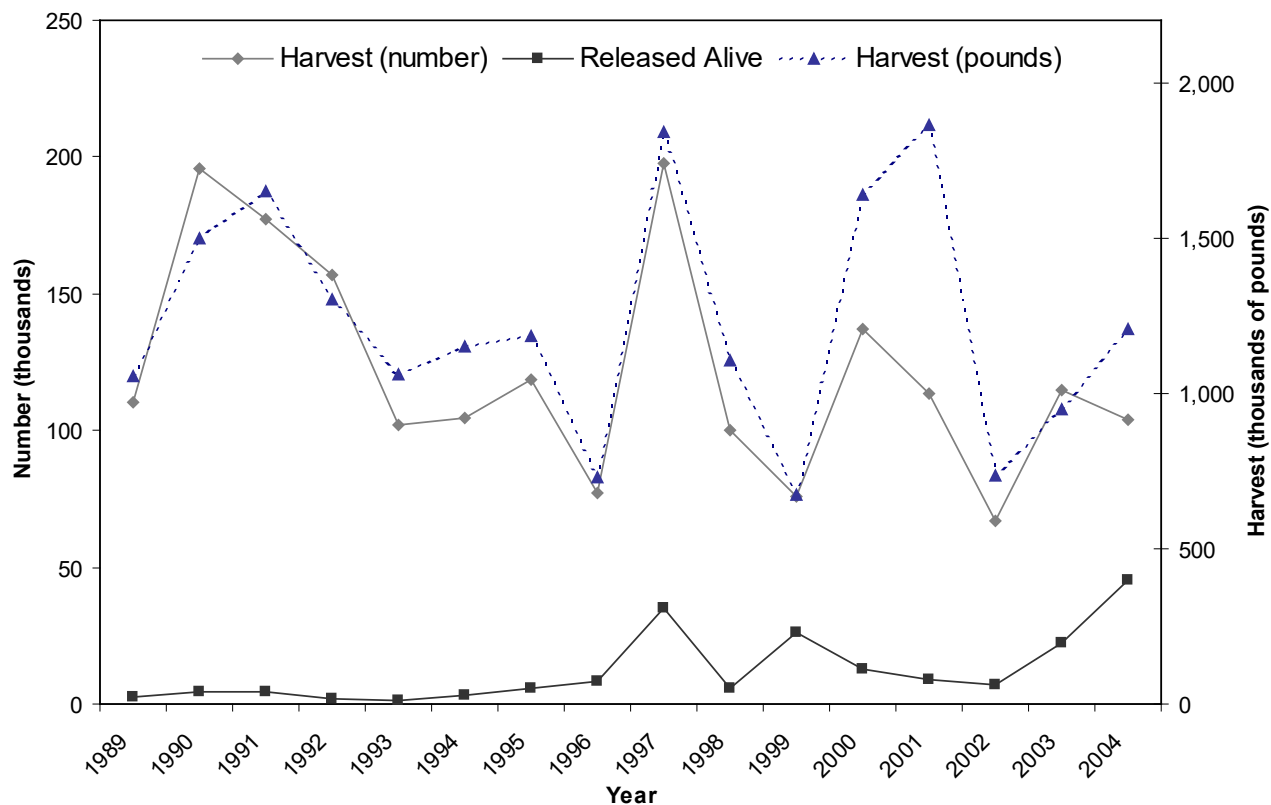


Figure 31. King mackerel recreational catch in North Carolina by year, 1989-2004.

Table 65. King mackerel recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	110,020	13	1,055,754	12	31.6	9.7	18	2,519	48
1990	196,069	10	1,497,596	11	28.3	7.7	15	4,556	52
1991	177,478	9	1,649,557	11	30.5	9.3	14	4,685	34
1992	156,650	8	1,302,187	9	30.3	8.4	12	2,232	36
1993	101,843	10	1,062,895	11	32.1	10.4	15	1,241	56
1994	104,367	8	1,150,764	9	32.8	11.0	12	3,181	36
1995	118,416	10	1,182,272	12	31.6	9.9	16	5,888	29
1996	77,243	11	727,897	12	31.4	9.5	16	8,231	30
1997	197,899	10	1,841,397	12	30.7	9.3	15	35,194	18
1998	100,336	12	1,103,526	13	32.8	11.0	18	5,685	35
1999	75,748	13	671,080	14	30.9	8.8	19	25,894	22
2000	137,184	12	1,636,887	14	32.7	11.9	19	12,878	26
2001	113,822	12	1,862,838	20	36.8	16.3	23	9,063	37
2002	66,846	28	733,973	30	32.4	11.0	40	7,120	31
2003	114,493	16	949,700	16	30.2	8.4	23	22,338	27
2004	103,650	12	1,206,758	15	31.5	11.7	19	44,986	19

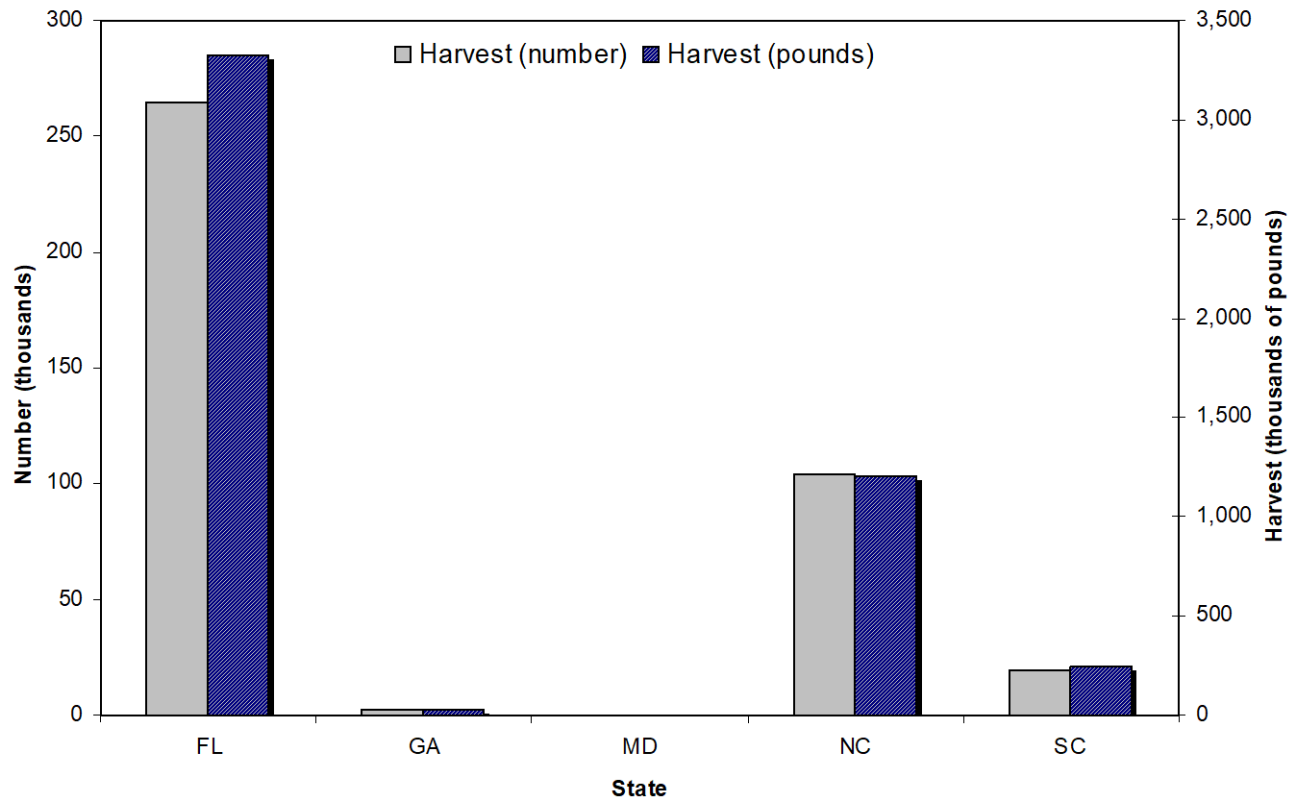


Figure 32. King mackerel recreational harvest by state, 2004.

Table 66. King mackerel recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	264,528	7	3,323,463	11	34.3	12.6	13
Georgia	2,251	59	26,616	62	0.0	11.9	77
Maryland	200	100	247	-	6.5	1.3	-
North Carolina	103,650	12	1,206,758	15	31.5	11.7	19
South Carolina	19,823	30	243,875	31	35.5	12.3	42

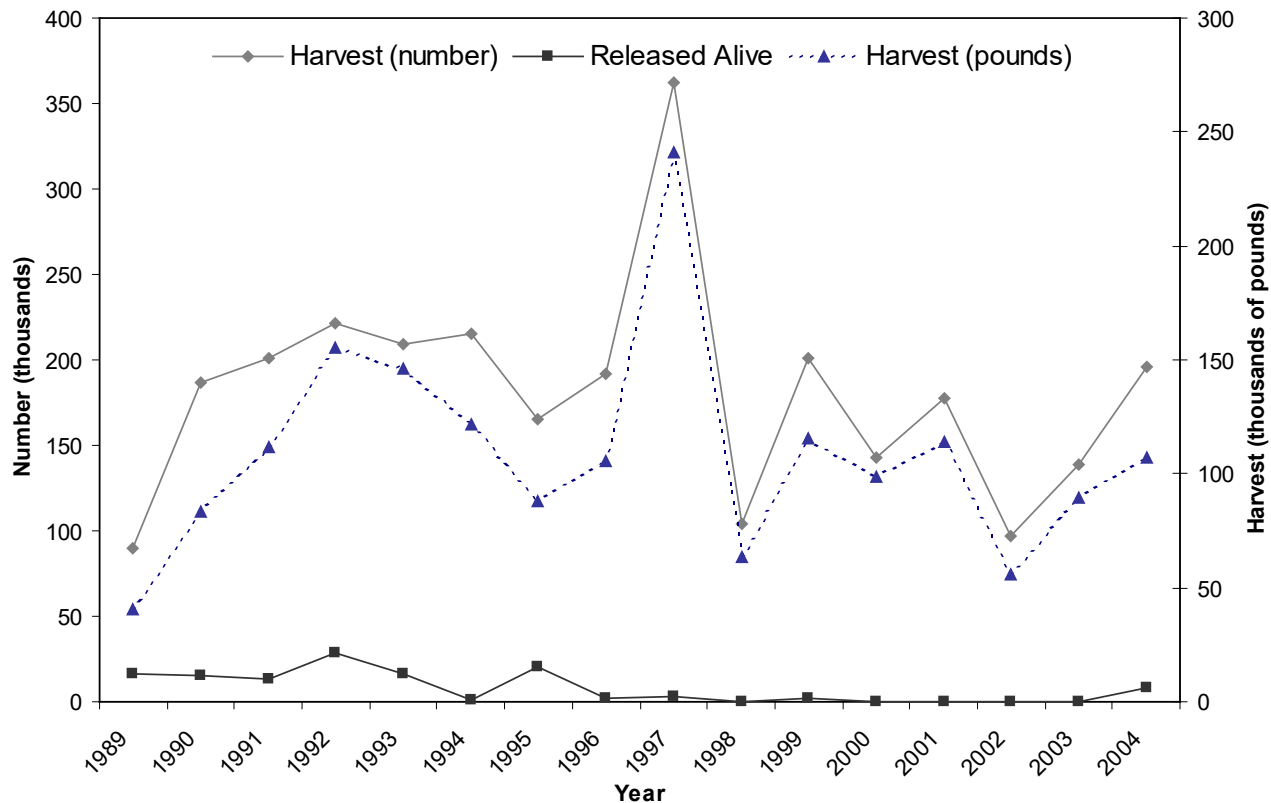


Figure 33. Northern kingfish recreational catch in North Carolina by year, 1989-2004.

Table 67. Northern kingfish recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	89,613	16	40,565	23	9.4	0.4	28	15,840	45
1990	186,632	21	83,792	20	10.5	0.4	29	14,954	65
1991	200,792	11	112,029	12	10.6	0.7	14	12,787	34
1992	221,871	15	154,999	16	11.7	0.7	24	28,811	53
1993	209,348	13	146,244	12	11.3	0.7	19	16,358	37
1994	215,406	10	121,599	10	11.3	0.7	12	966	63
1995	164,846	15	87,875	15	10.8	0.4	25	20,238	40
1996	191,356	17	105,940	18	11.3	0.7	20	2,514	59
1997	362,227	29	240,912	31	11.7	0.7	41	3,185	46
1998	104,530	25	63,715	28	11.3	0.7	34	0	-
1999	201,041	29	115,876	32	10.8	0.7	37	1,730	63
2000	143,242	15	98,396	15	12.0	0.7	22	0	-
2001	178,052	21	113,876	24	11.6	0.7	30	0	-
2002	96,741	29	56,178	29	11.6	0.7	35	0	-
2003	139,085	19	89,231	20	11.7	0.7	26	302	100
2004	195,519	20	107,122	18	11.3	0.4	33	8,332	56

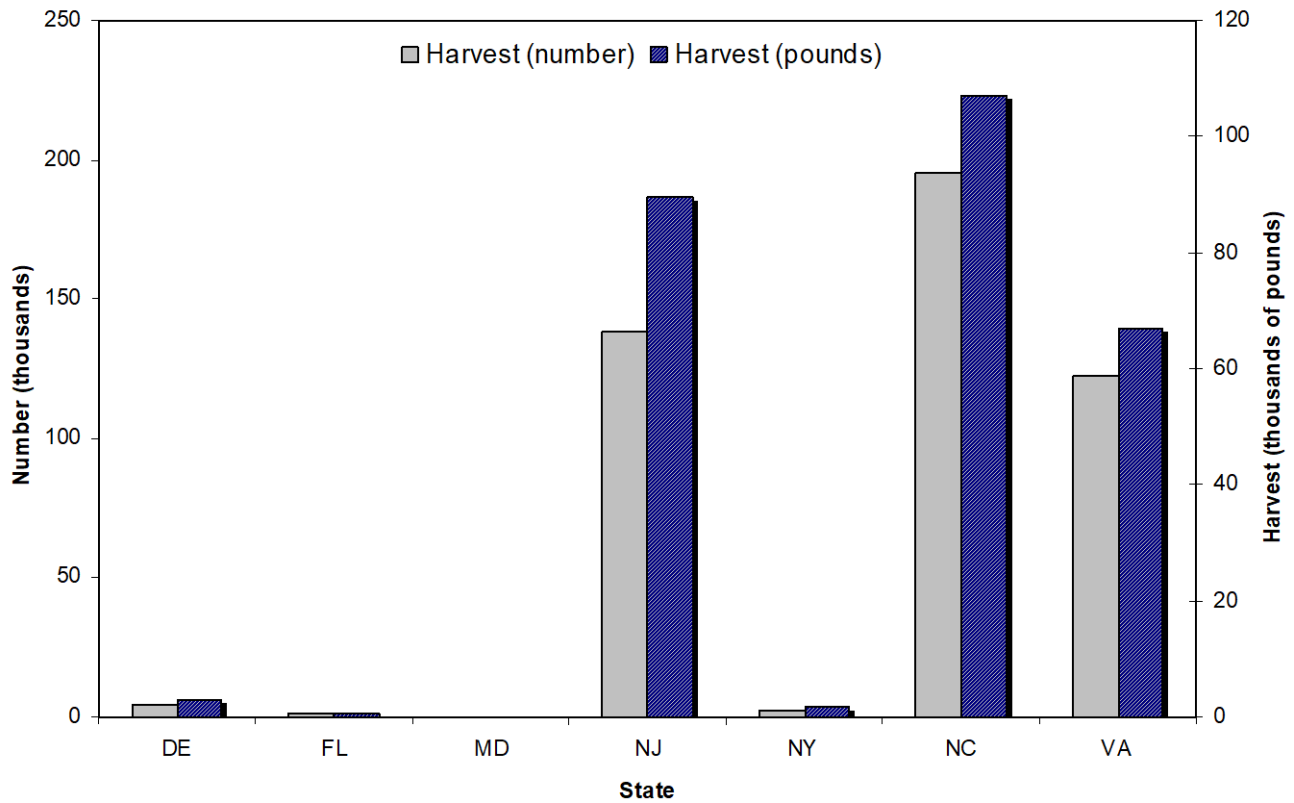


Figure 34. Northern kingfish recreational harvest by state, 2004.

Table 68. Northern kingfish recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	4,649	50	3,111	47	11.8	0.7	65
East Florida	1,488	100	725	100	0.0	0.4	100
Maryland	0	-	0	-	0.0	0.0	-
New Jersey	138,449	38	89,641	40	11.3	0.7	52
New York	2,734	100	1,689	100	11.2	0.7	93
North Carolina	195,519	20	107,122	18	11.3	0.4	33
Virginia	122,268	68	66,892	79	11.4	0.7	87

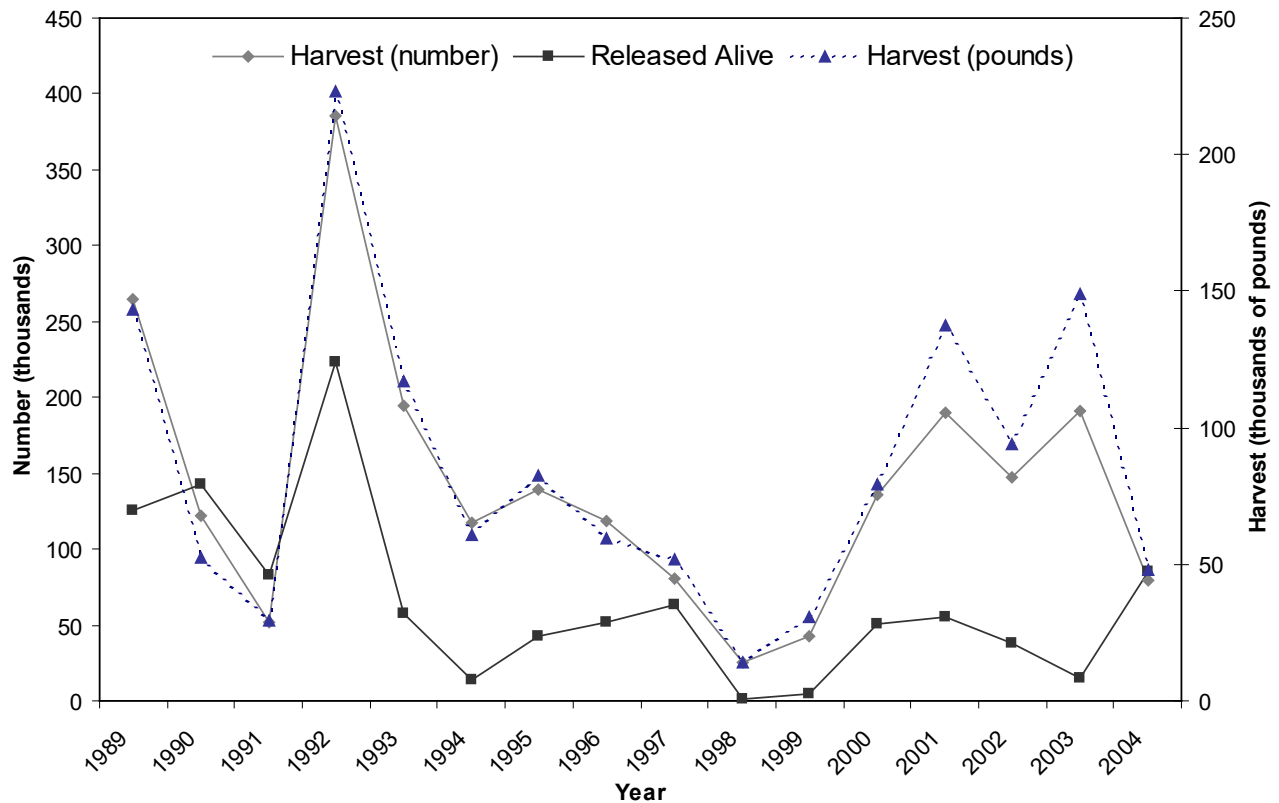


Figure 35. Northern puffer recreational catch in North Carolina by year, 1989-2004.

Table 69. Northern puffer recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	264,803	19	142,973	18	8.1	0.4	32	125,734	18
1990	122,179	16	52,699	19	8.4	0.4	24	142,242	14
1991	51,380	14	29,462	17	8.3	0.7	19	83,020	13
1992	385,733	13	223,121	14	8.7	0.7	16	222,942	17
1993	194,022	24	116,782	23	8.6	0.7	30	57,413	19
1994	117,683	18	60,854	18	8.5	0.4	29	13,535	26
1995	139,710	53	82,688	54	9.2	0.7	64	43,139	26
1996	117,992	19	59,518	27	8.6	0.4	37	51,549	55
1997	81,099	17	51,951	18	8.9	0.7	23	63,210	40
1998	25,857	28	13,933	26	8.7	0.4	46	1,534	42
1999	42,424	20	30,624	21	9.4	0.7	32	4,572	36
2000	135,364	25	79,460	25	8.6	0.7	31	50,873	29
2001	189,650	22	137,430	26	9.3	0.7	37	55,602	34
2002	147,427	29	93,678	33	9.1	0.7	41	38,547	28
2003	190,917	28	148,740	30	9.4	0.9	36	14,905	26
2004	79,231	23	48,186	28	8.9	0.7	34	85,212	17

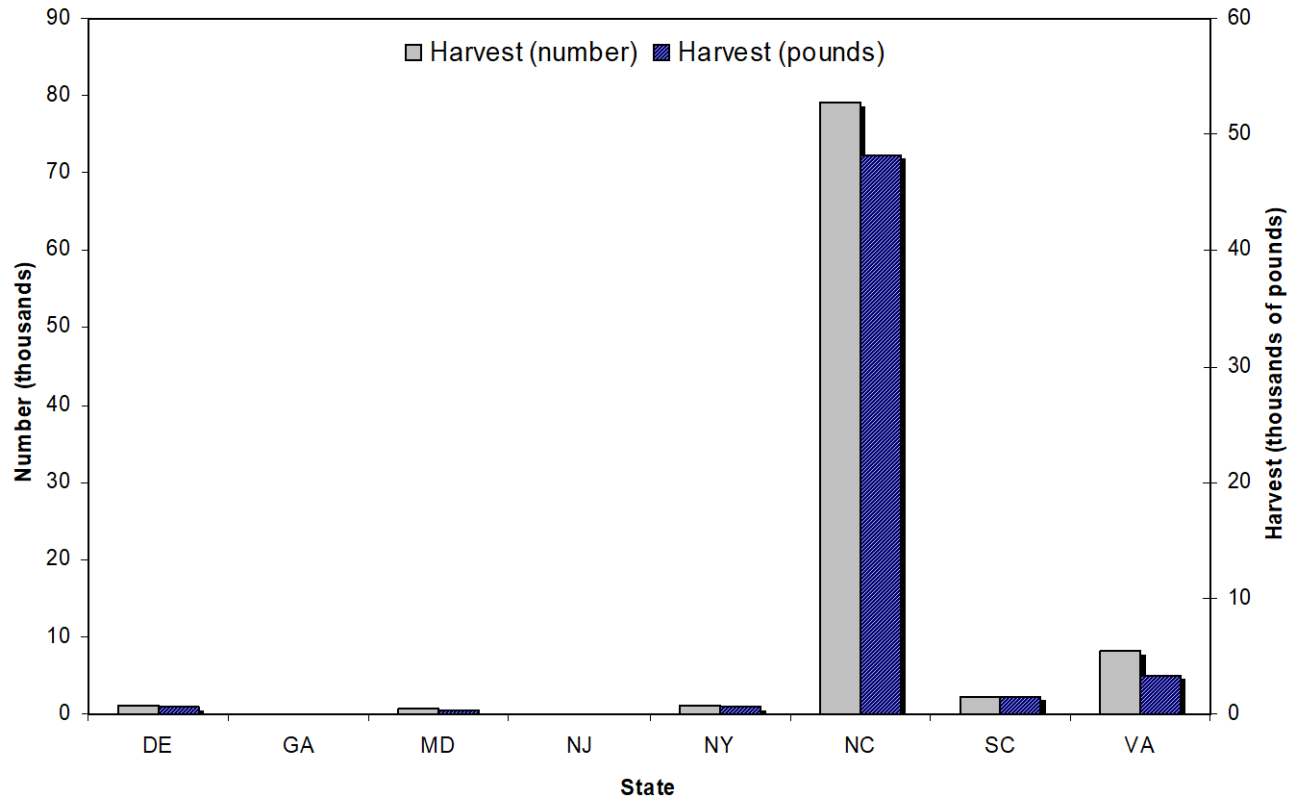


Figure 36. Northern puffer recreational harvest by state, 2004.

Table 70. Northern puffer recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	1,119	65	661	47	9.8	0.7	81
Georgia	0	-	0	-	0.0	0.0	-
Maryland	740	100	364	100	9.3	0.4	100
New Jersey	0	-	0	-	0.0	0.0	-0
New York	1,127	100	556	100	5.0	0.4	100
North Carolina	79,231	23	48,186	28	8.9	0.7	34
South Carolina	2,376	71	1,565	77	0.0	0.7	89
Virginia	8,262	42	3,353	33	7.9	0.4	48

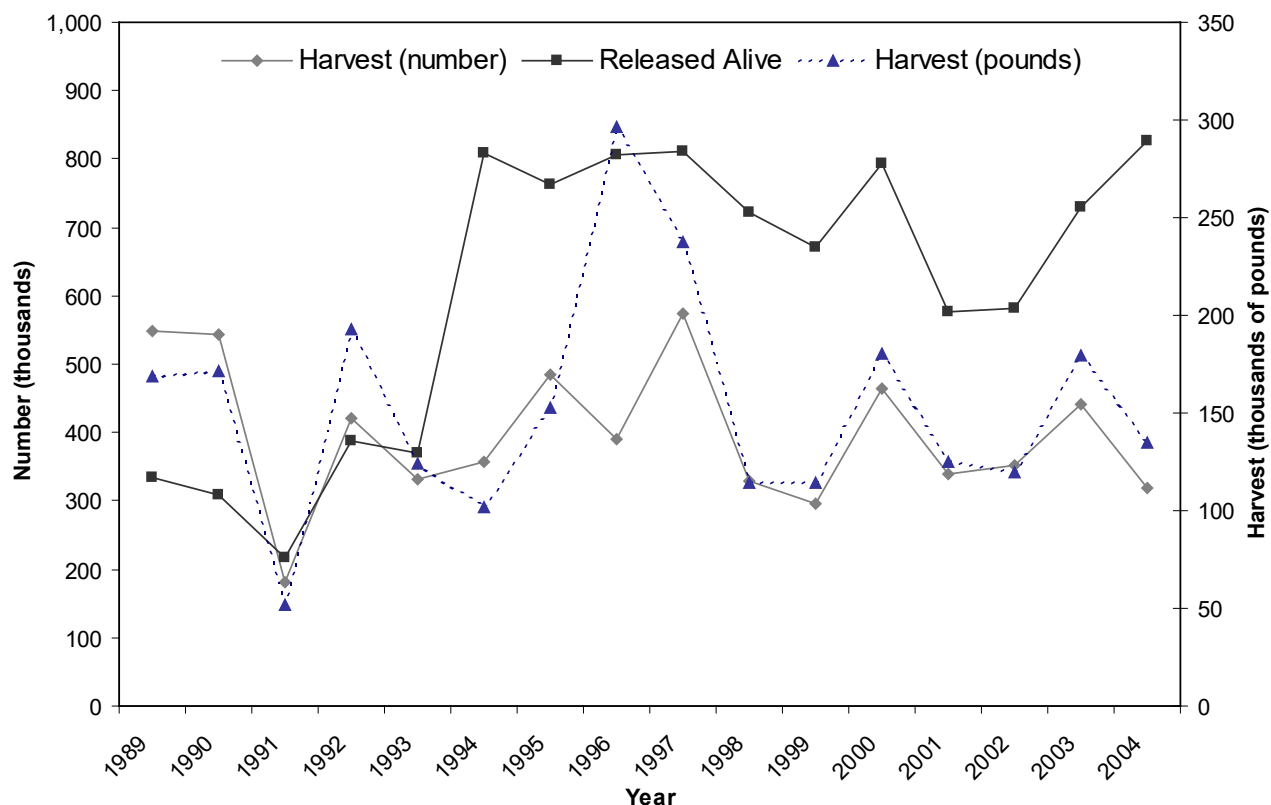


Figure 37. Pigfish recreational catch in North Carolina by year, 1989-2004.

Table 71. Pigfish recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	548,529	11	169,196	11	8.0	0.2	22	334,939	13
1990	544,573	11	170,993	13	7.7	0.2	24	309,724	15
1991	181,468	11	51,579	10	7.7	0.2	20	216,155	12
1992	421,015	11	192,466	18	8.6	0.4	22	386,904	11
1993	332,672	9	124,117	11	7.8	0.4	12	371,066	10
1994	357,192	8	101,398	9	7.9	0.2	15	809,697	8
1995	485,017	12	153,063	14	8.6	0.2	26	762,497	8
1996	389,750	9	296,340	68	8.5	0.7	78	807,257	7
1997	574,806	15	237,191	16	8.8	0.4	20	810,099	8
1998	328,756	12	114,284	13	8.2	0.4	14	721,369	8
1999	294,748	15	113,861	16	8.4	0.4	19	671,740	11
2000	464,645	23	180,050	22	8.7	0.4	28	792,351	9
2001	339,782	13	124,776	14	8.3	0.4	16	576,938	8
2002	352,156	25	119,824	27	7.7	0.4	28	581,059	13
2003	440,234	15	179,346	18	8.3	0.4	22	730,095	9
2004	318,275	15	134,615	16	8.8	0.4	21	827,544	8

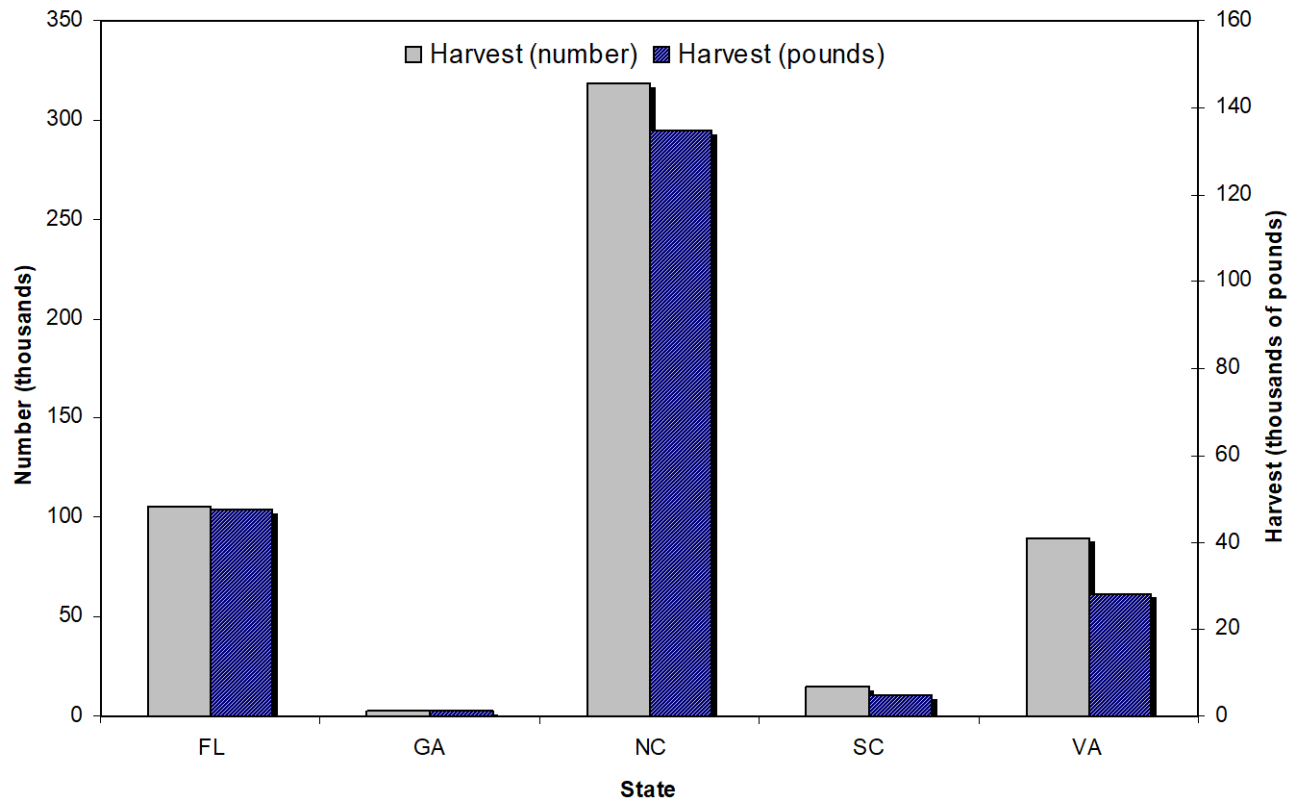


Figure 38. Pigfish recreational harvest by state, 2004.

Table 72. Pigfish recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	105,283	28	47,595	29	8.3	0.4	42
Georgia	2,818	59	1,224	61	0.0	0.4	75
North Carolina	318,275	15	134,615	16	8.8	0.4	21
South Carolina	14,846	100	4,910	100	7.6	0.4	75
Virginia	89,964	21	28,155	25	7.6	0.2	46

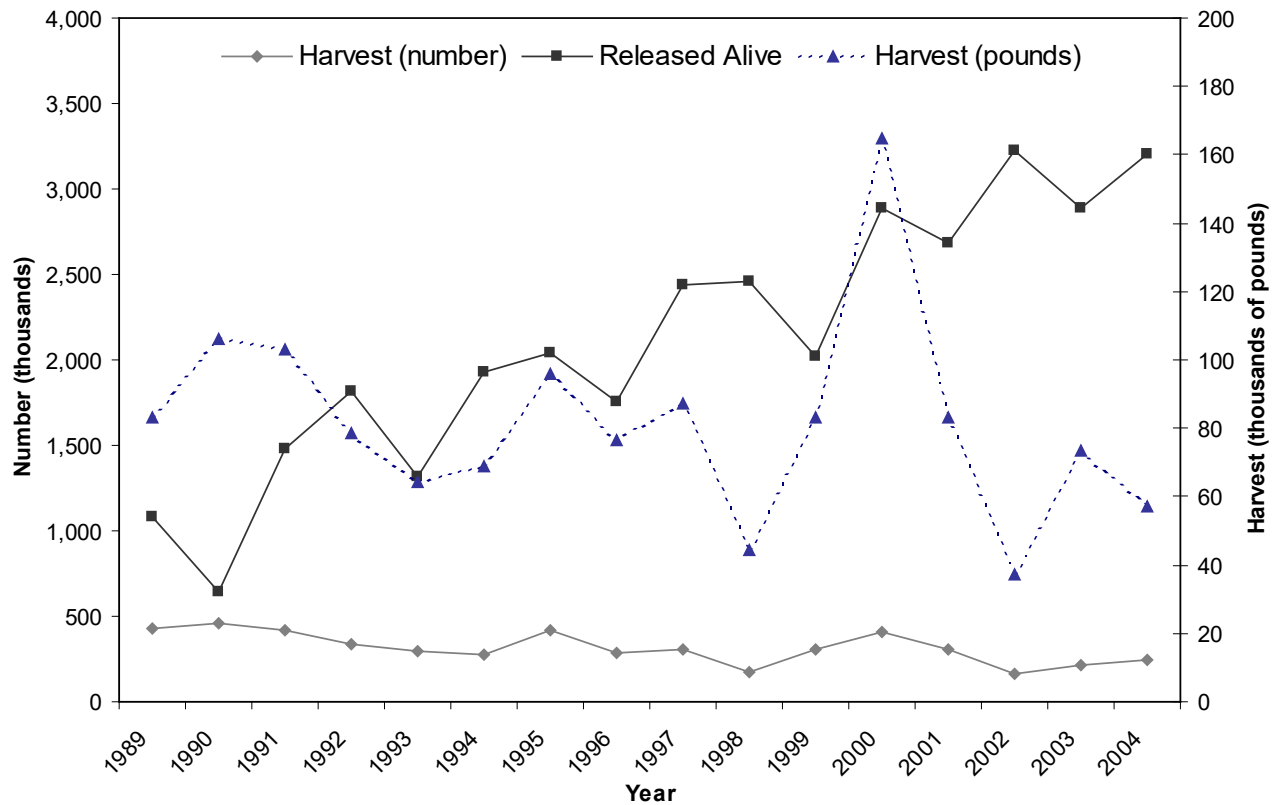


Figure 39. Pinfish recreational catch in North Carolina by year, 1989-2004.

Table 73. Pinfish recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	425,729	11	83,369	15	7.0	0.2	16	1,082,962	12
1990	456,218	19	105,894	16	7.0	0.2	26	645,749	13
1991	414,729	8	102,902	11	6.6	0.2	16	1,475,666	10
1992	339,185	9	78,334	10	6.8	0.2	14	1,816,608	6
1993	293,425	12	64,440	12	7.1	0.2	17	1,318,254	8
1994	273,836	9	68,874	10	7.4	0.2	15	1,928,049	6
1995	421,869	11	95,867	11	6.7	0.2	16	2,038,916	6
1996	282,947	13	76,290	13	7.7	0.2	23	1,758,891	7
1997	307,734	14	87,049	14	7.6	0.2	25	2,437,697	7
1998	176,640	14	44,592	14	7.2	0.2	24	2,454,672	6
1999	310,932	20	83,391	20	7.5	0.2	34	2,016,041	8
2000	404,751	18	164,602	22	7.2	0.4	26	2,890,354	7
2001	306,888	16	82,946	17	7.4	0.2	28	2,682,751	7
2002	167,760	17	37,236	17	7.0	0.2	24	3,223,582	7
2003	219,254	15	73,327	18	7.4	0.4	18	2,888,515	6
2004	248,009	21	57,289	22	6.4	0.2	31	3,207,028	7

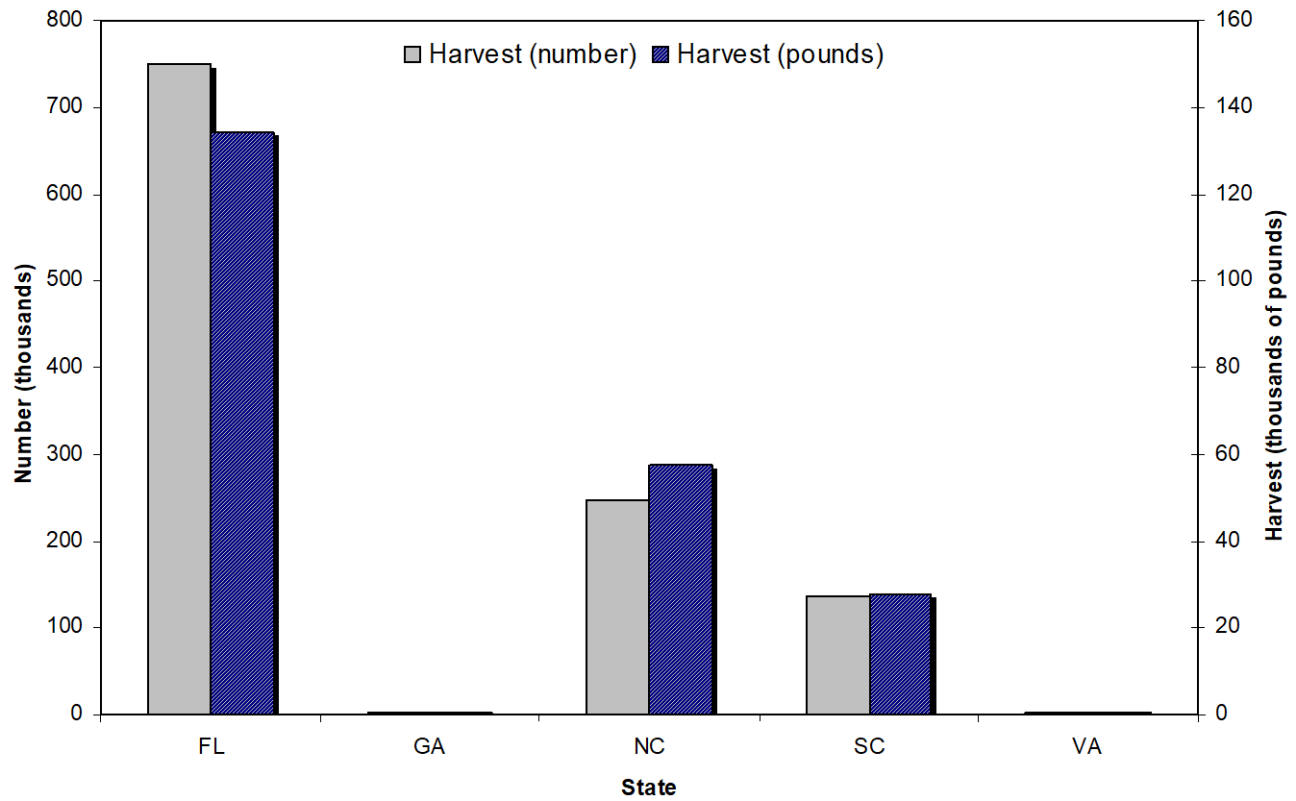


Figure 40. Pinfish recreational harvest by state, 2004.

Table 74. Pinfish recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	749,073	12	134,227	24	6.5	0.2	22
Georgia	2,861	58	586	66	6.4	0.2	74
North Carolina	248,009	21	57,289	22	6.4	0.2	31
South Carolina	135,788	40	27,926	42	6.7	0.2	52
Virginia	1,872	70	432	-	6.4	0.2	-

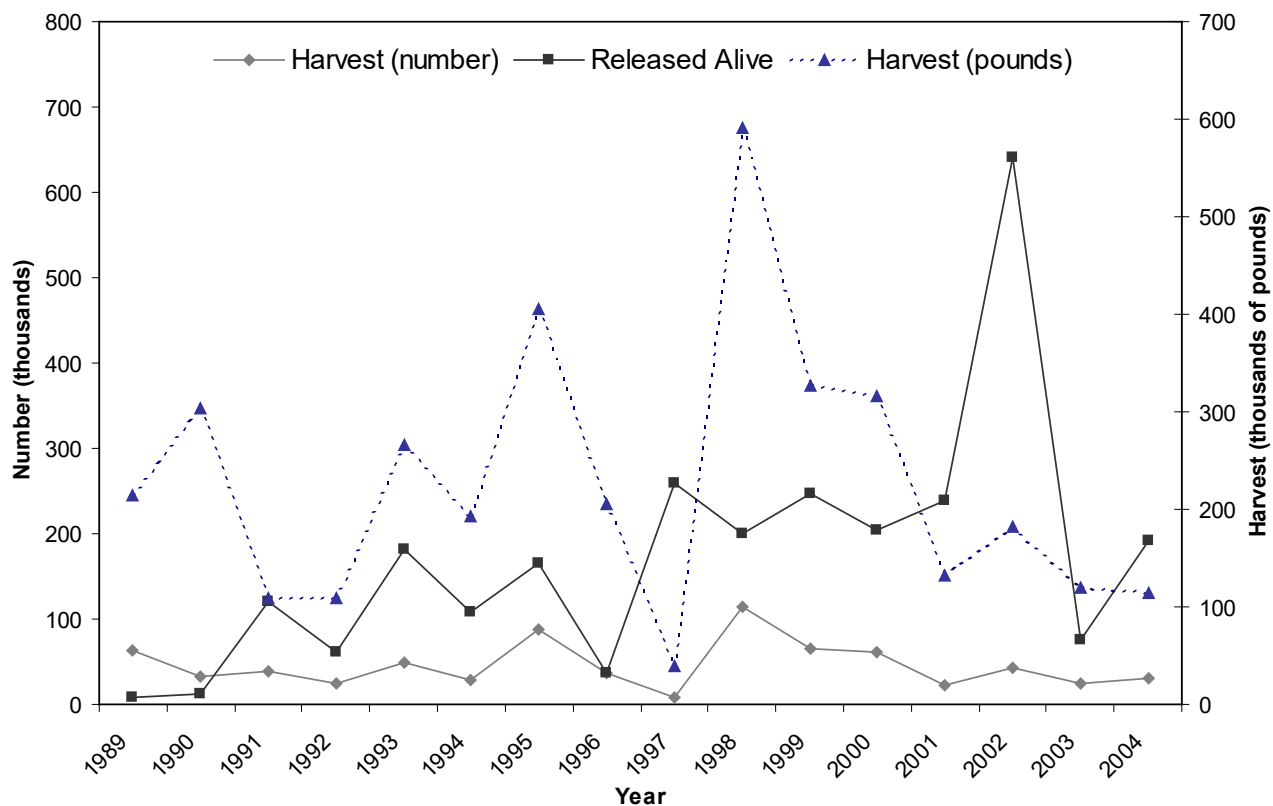


Figure 41. Red drum recreational catch in North Carolina by year, 1989-2004.

Table 75. Red drum recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	62,359	16	214,849	20	19.2	3.5	25	7,566	34
1990	33,149	28	302,994	64	17.5	9.0	68	12,452	38
1991	38,658	15	108,268	16	18.0	2.9	21	121,178	14
1992	23,593	19	109,134	20	22.2	4.6	27	60,230	18
1993	49,493	12	266,459	14	21.9	5.3	19	182,301	20
1994	28,953	16	192,060	21	22.6	6.6	26	107,662	14
1995	88,593	12	405,620	13	21.7	4.6	18	164,520	11
1996	36,746	15	204,556	16	21.1	5.5	22	35,752	18
1997	8,749	26	39,077	28	20.4	4.4	38	259,570	11
1998	114,638	12	591,428	13	22.5	5.1	18	199,701	11
1999	64,739	15	326,303	15	22.5	5.1	21	247,146	10
2000	61,618	13	316,029	13	22.8	5.1	18	203,967	14
2001	23,142	16	132,578	17	23.1	5.7	23	238,552	14
2002	42,541	15	182,226	17	21.1	4.2	24	640,857	11
2003	25,481	17	118,808	18	21.9	4.6	24	75,561	15
2004	30,165	19	114,434	19	21.0	3.7	27	191,593	10

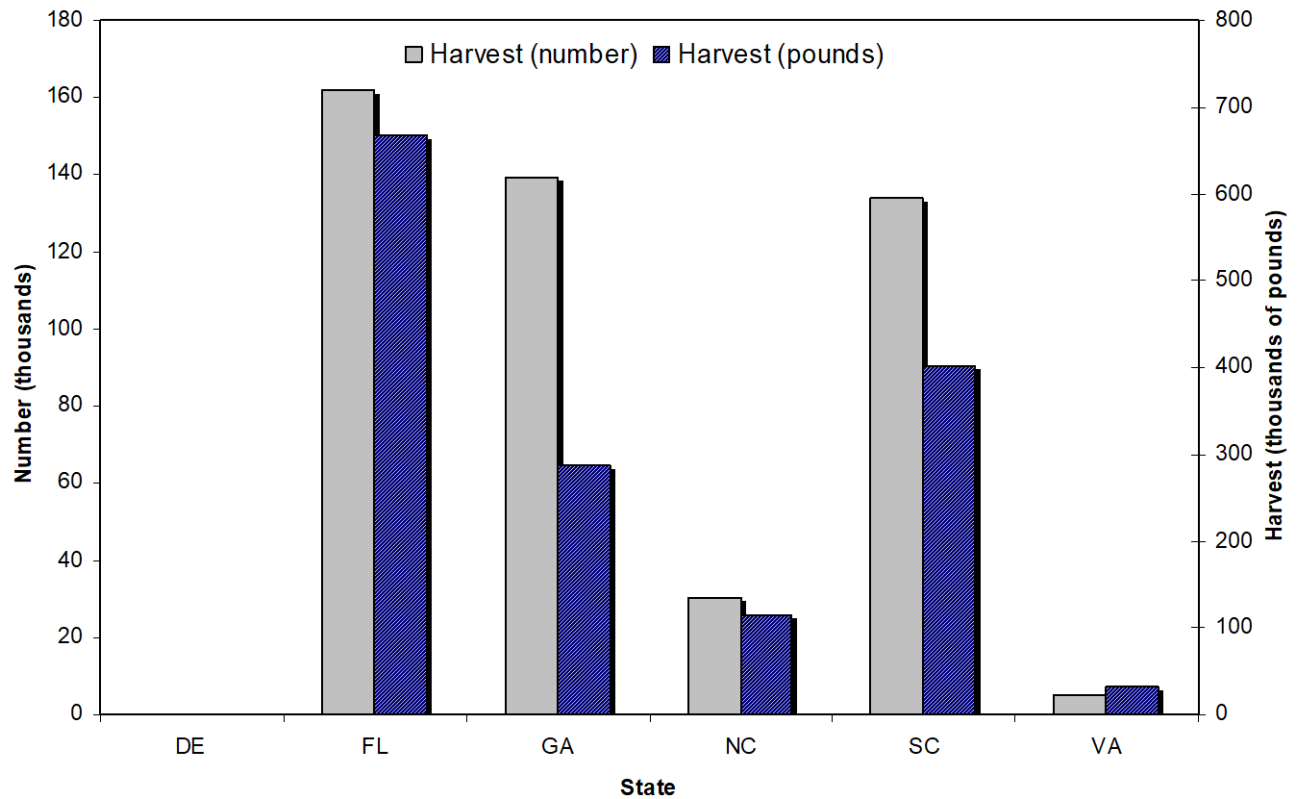


Figure 42. Red drum recreational harvest by state, 2004.

Table 76. Red drum recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	0	-	0	-	0.0	0.0	-
East Florida	162,016	9	668,179	9	21.6	4.2	12
Georgia	139,074	22	286,486	24	17.0	2.0	33
North Carolina	30,165	19	114,434	19	21.0	3.7	27
South Carolina	134,079	15	402,789	16	19.0	3.1	21
Virginia	4,975	66	31,748	56	24.9	6.4	78

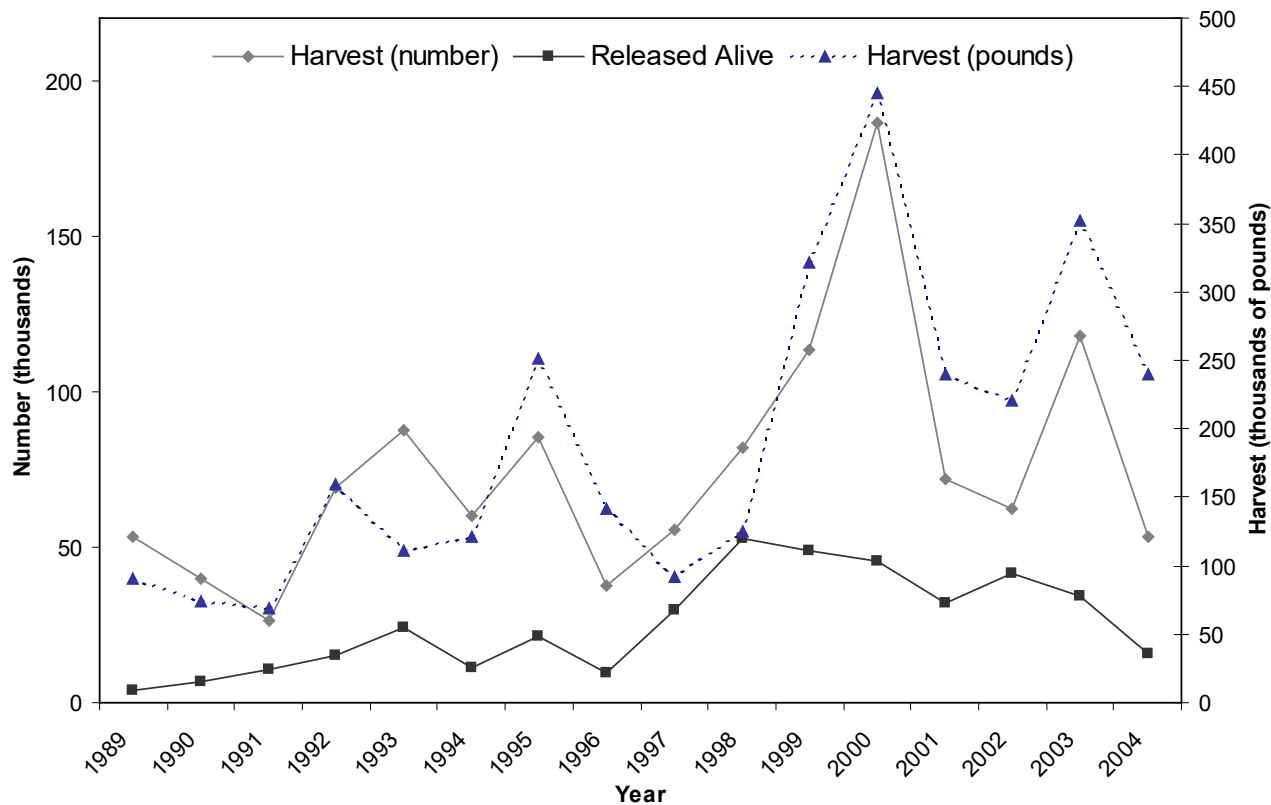


Figure 43. Sheepshead recreational catch in North Carolina by year, 1989-2004.

Table 77. Sheepshead recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	53,524	15	90,682	18	12.7	1.8	22	3,689	48
1990	39,845	21	74,562	22	11.9	1.8	31	6,985	37
1991	26,129	17	68,731	20	12.5	2.6	26	10,506	27
1992	69,262	18	159,102	22	12.8	2.2	30	15,209	32
1993	87,463	14	111,482	15	11.2	1.3	19	24,278	29
1994	60,262	15	120,964	16	12.8	2.0	22	11,205	25
1995	85,545	19	250,826	20	14.5	2.9	28	21,229	26
1996	37,600	21	141,778	24	15.1	3.7	32	9,431	29
1997	55,521	26	91,647	25	11.3	1.5	39	29,966	20
1998	81,890	21	125,056	21	11.4	1.5	29	52,820	24
1999	113,365	22	320,820	25	14.3	2.9	33	48,654	22
2000	186,194	18	444,705	19	13.7	2.4	26	45,473	25
2001	71,831	23	240,409	24	15.2	3.3	34	32,002	27
2002	62,088	24	221,143	23	15.1	3.5	33	41,621	21
2003	117,757	23	352,121	21	14.0	3.1	30	34,196	25
2004	53,265	23	239,611	26	16.2	4.4	35	15,941	31

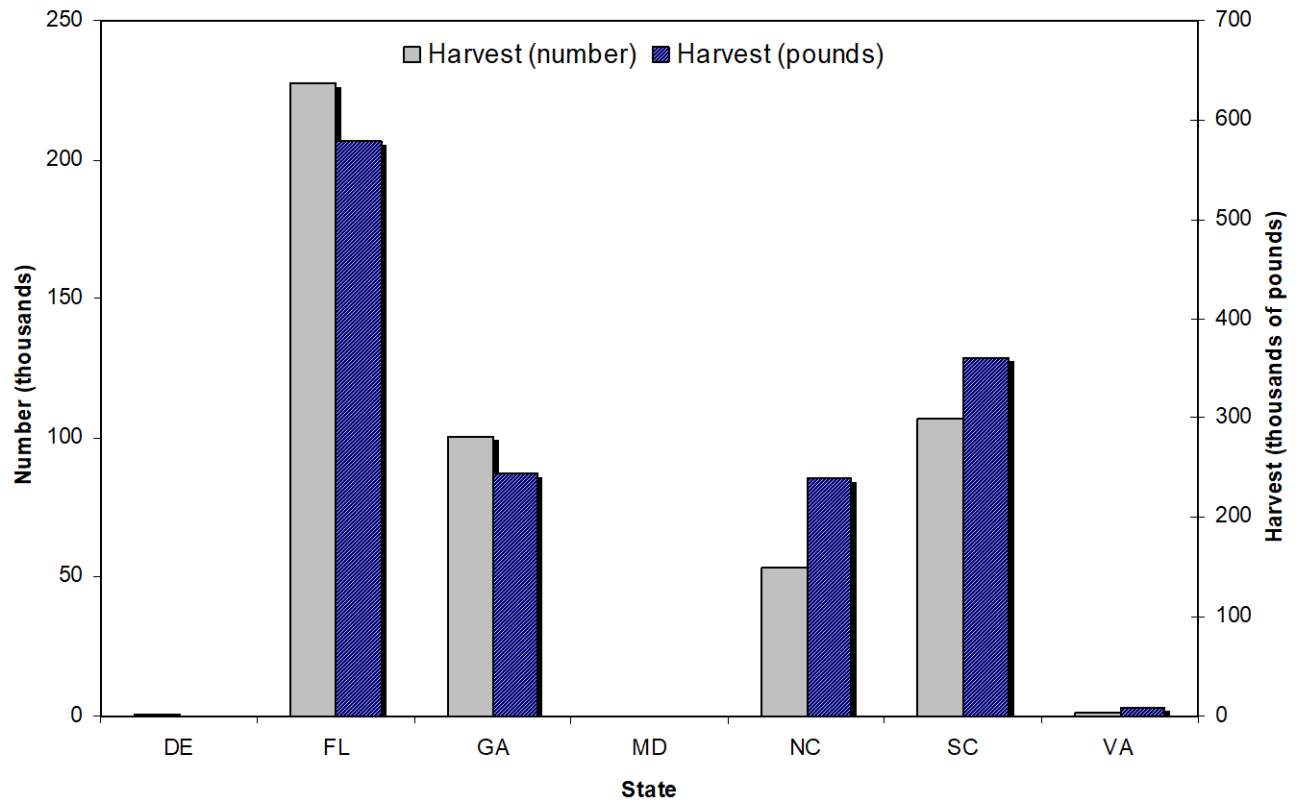


Figure 44. Sheepshead recreational harvest by state, 2004.

Table 78. Sheepshead recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	472	73	0	0	16.1	-	-
East Florida	227,320	14	578,403	15	13.9	2.6	19
Georgia	100,644	29	245,156	30	13.9	2.4	41
Maryland	0	-	0	-	0.0	0.0	-
North Carolina	53,265	23	239,611	26	16.2	4.4	35
South Carolina	106,874	28	360,701	30	14.2	3.3	41
Virginia	1,104	100	8,765	0	0.0	7.9	-

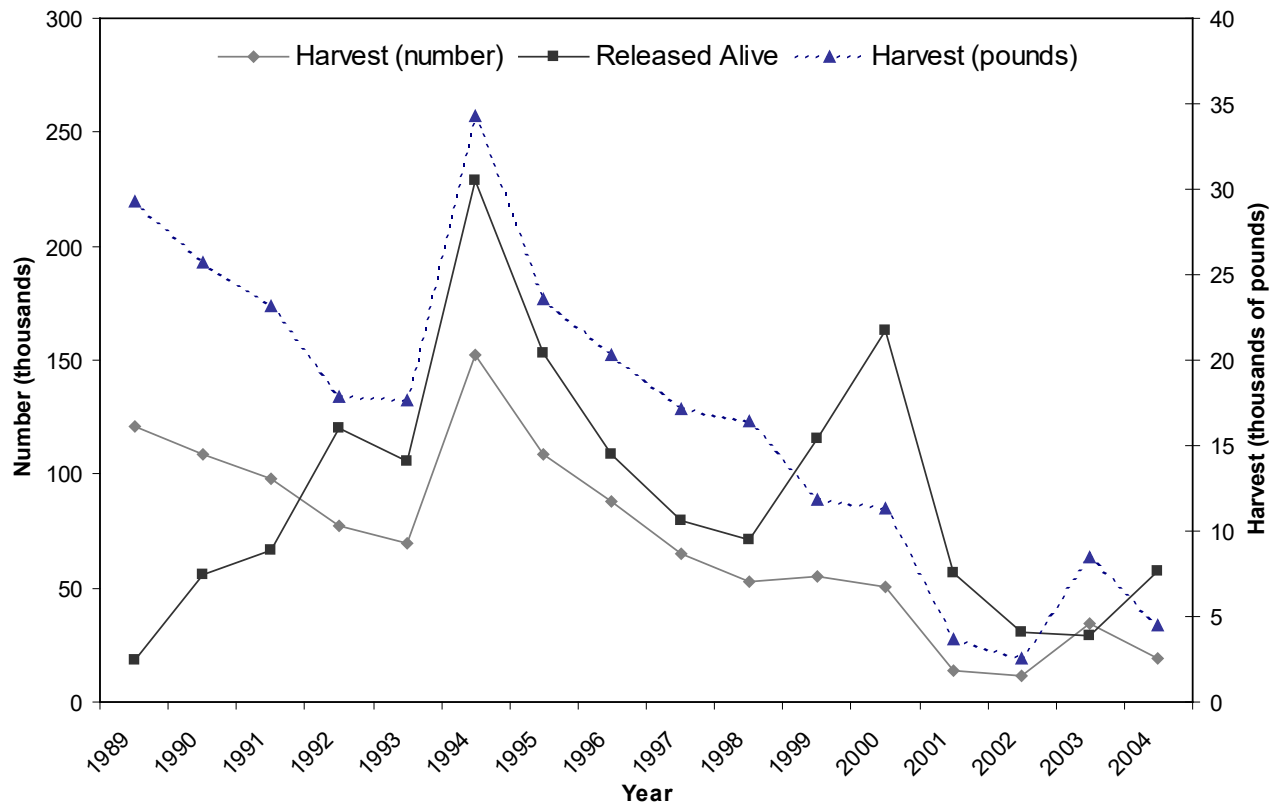


Figure 45. Silver perch recreational catch in North Carolina by year, 1989-2004.

Table 79. Silver perch recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	120,913	31	29,295	32	7.4	0.2	49	18,687	42
1990	108,887	19	25,732	20	7.6	0.2	30	55,565	33
1991	98,293	17	23,170	17	7.1	0.2	26	66,444	25
1992	77,249	25	17,870	25	7.4	0.2	36	120,414	19
1993	69,645	18	17,626	19	7.3	0.2	31	105,360	22
1994	152,385	18	34,240	18	7.8	0.2	26	228,931	20
1995	108,605	18	23,561	19	8.1	0.2	26	152,989	16
1996	88,044	25	20,258	25	8.2	0.2	36	108,662	15
1997	65,145	23	17,105	23	8.2	0.2	38	79,410	19
1998	52,571	32	16,462	36	8.2	0.2	67	71,356	23
1999	54,898	26	11,790	26	7.4	0.2	35	115,409	22
2000	50,259	42	11,294	41	8.1	0.2	57	162,645	36
2001	13,748	52	3,719	49	7.5	0.2	82	57,009	33
2002	11,675	41	2,575	41	7.4	0.2	55	30,836	22
2003	34,178	50	8,519	50	8.2	0.2	74	29,365	27
2004	19,339	33	4,535	34	7.6	0.2	49	57,698	33

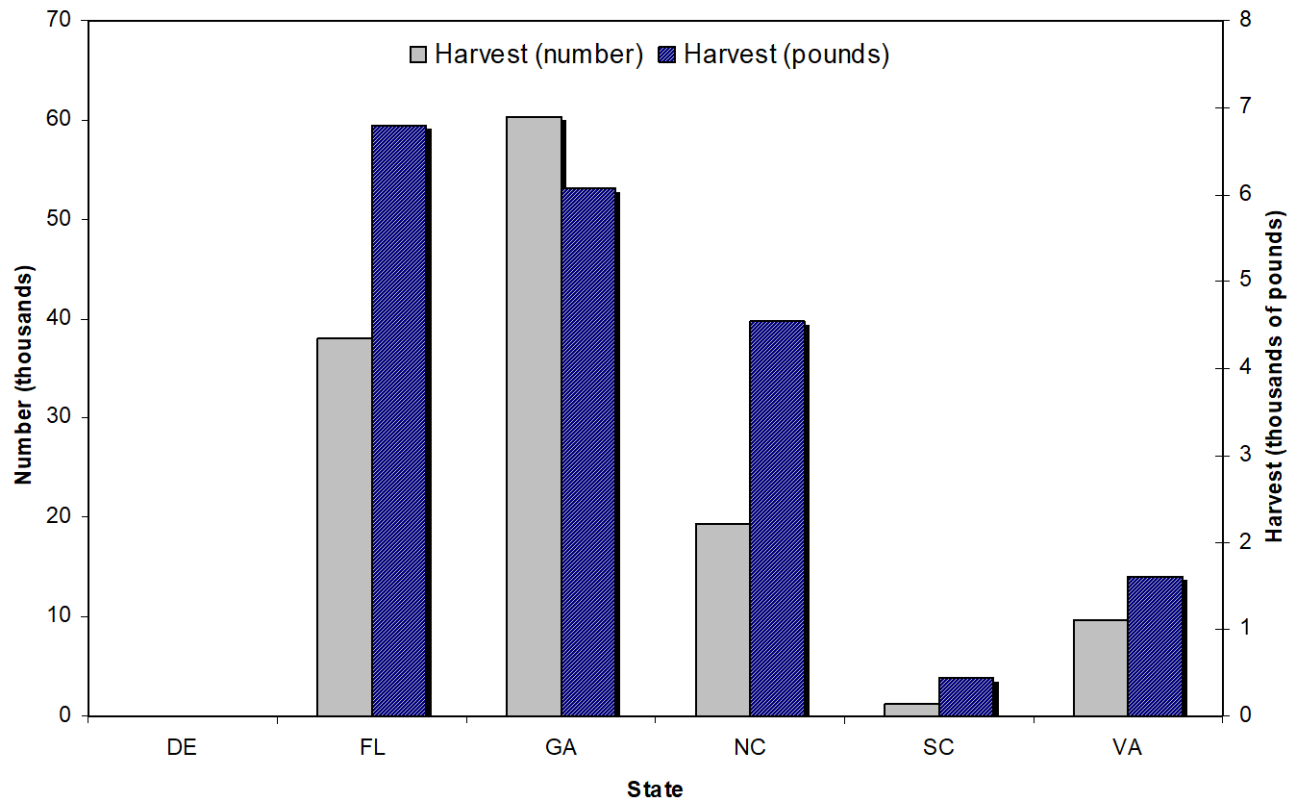


Figure 46. Silver perch recreational harvest by state, 2004.

Table 80. Silver perch recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	0	-	0	-	0.0	0.0	-
East Florida	37,922	38	6,803	46	7.0	0.2	66
Georgia	60,297	44	6,067	40	8.7	0.2	63
North Carolina	19,339	33	4,535	34	7.6	0.2	49
South Carolina	1,314	100	450	100	6.8	0.4	78
Virginia	9,705	46	1,609	47	7.6	0.2	47

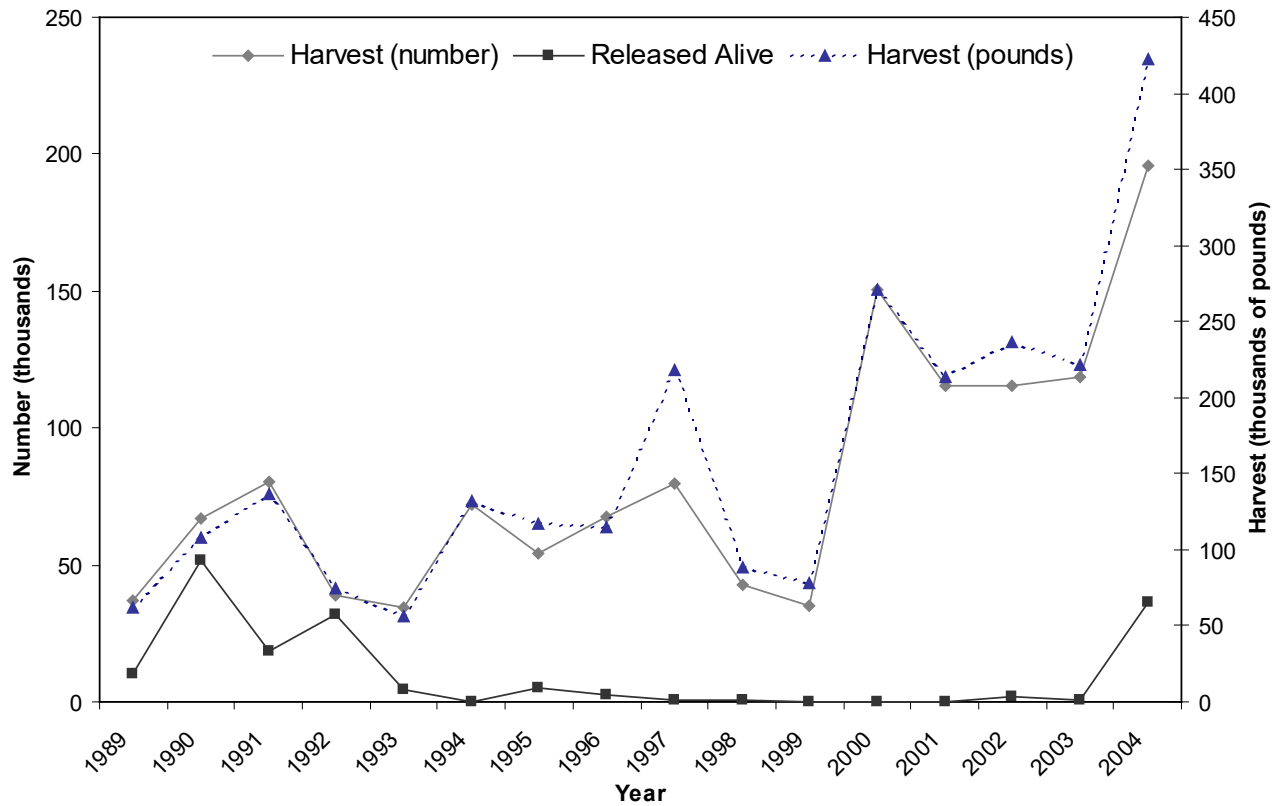


Figure 47. Southern flounder recreational catch in North Carolina by year, 1989-2004.

Table 81. Southern flounder recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	36,744	17	62,057	20	15.1	1.8	25	10,027	70
1990	66,920	14	107,909	17	15.1	1.5	23	51,620	28
1991	80,540	10	136,835	11	15.0	1.8	14	18,789	20
1992	38,892	15	74,308	17	15.7	2.0	21	32,194	29
1993	34,588	14	56,405	15	15.2	1.5	22	4,285	38
1994	72,124	12	131,804	13	15.8	1.8	18	0	-
1995	54,495	12	116,617	13	16.1	2.2	17	5,334	68
1996	67,416	14	115,336	16	16.0	1.8	21	2,267	66
1997	79,719	15	218,615	16	16.9	2.6	23	583	71
1998	42,727	16	88,147	17	16.0	2.0	24	598	100
1999	35,171	22	77,505	24	16.3	2.2	32	0	-
2000	150,315	15	271,234	15	15.9	1.8	21	0	-
2001	115,477	11	213,908	12	16.2	1.8	17	0	-
2002	115,154	14	236,648	16	16.6	2.0	21	1,782	100
2003	118,898	16	221,805	16	16.1	1.8	23	480	100
2004	195,576	11	422,897	12	17.1	2.2	16	36,233	33

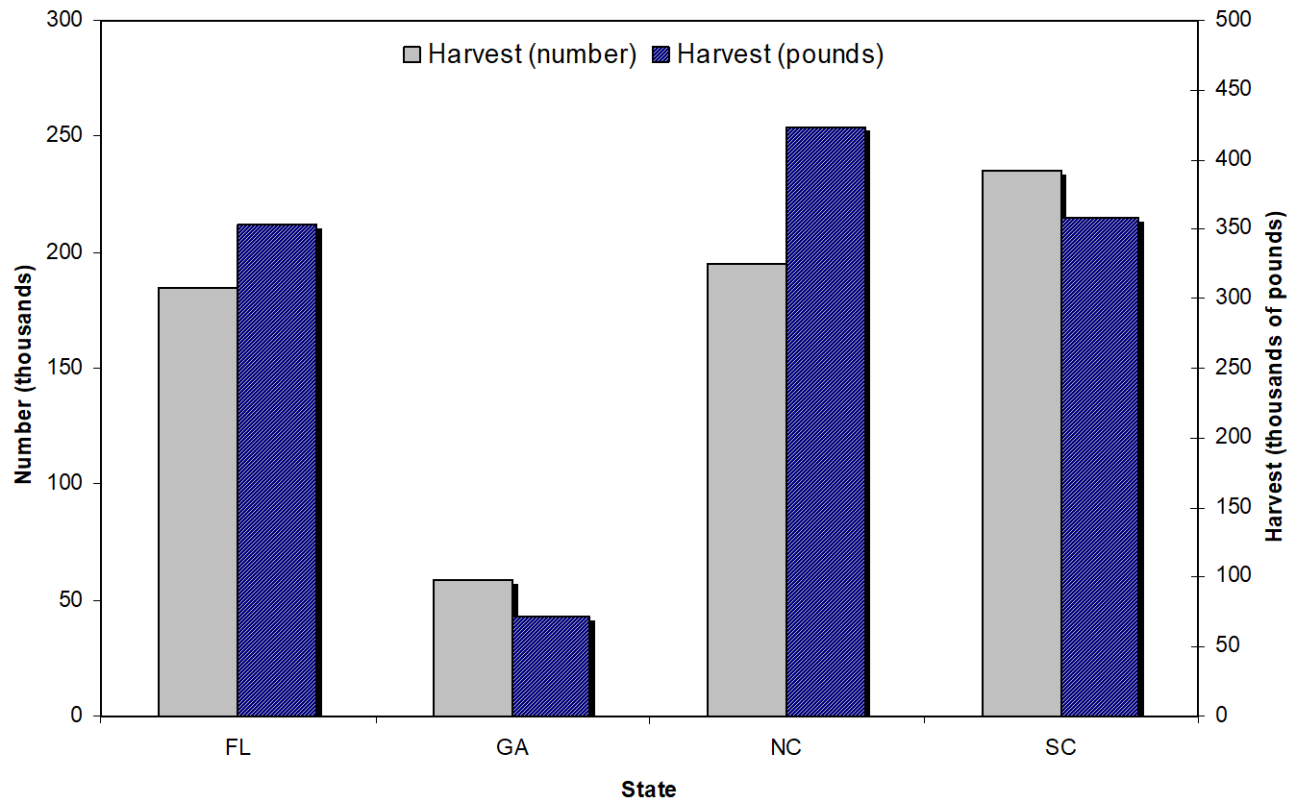


Figure 48. Southern flounder recreational harvest by state, 2004.

Table 82. Southern flounder recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	184,904	15	352,899	19	16.2	2.0	23
Georgia	58,467	21	71,422	22	14.3	1.3	28
North Carolina	195,576	11	422,897	12	17.1	2.2	16
South Carolina	235,341	19	358,340	20	14.6	1.5	27

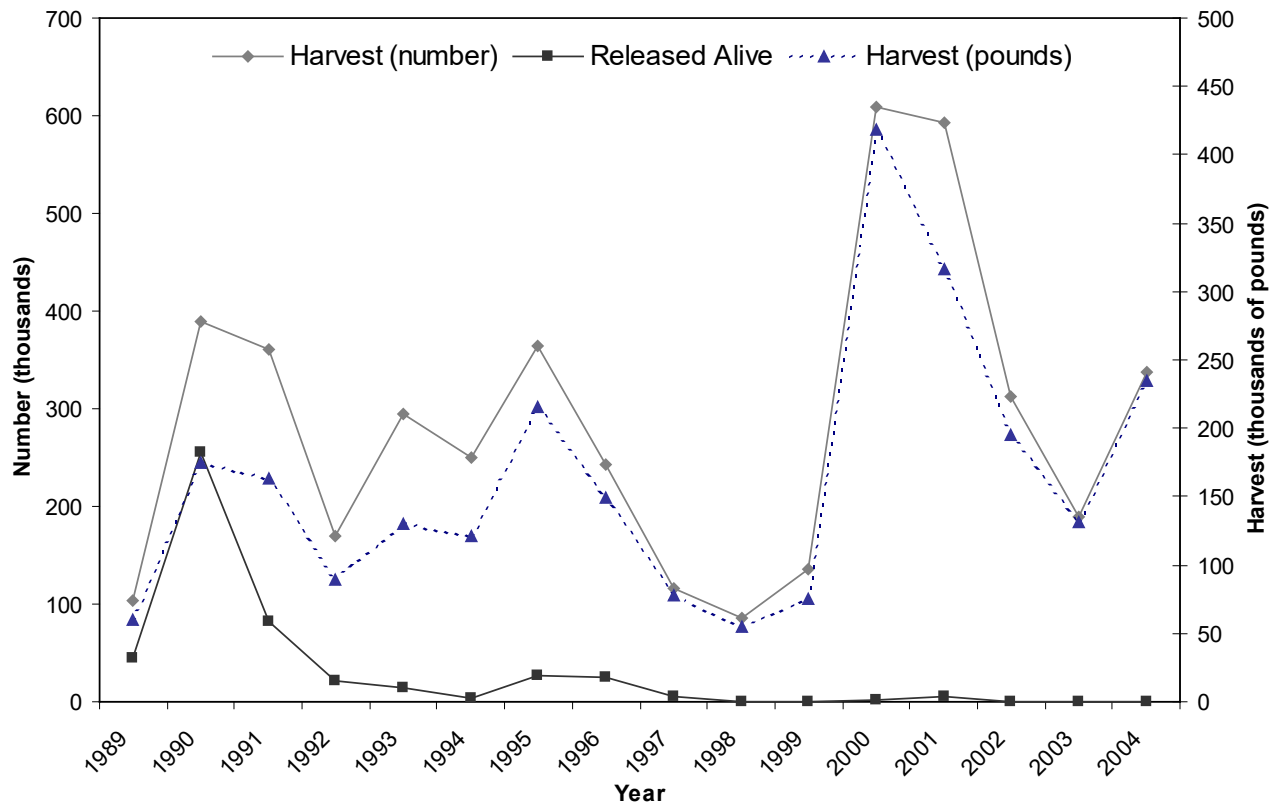


Figure 49. Southern kingfish recreational catch in North Carolina by year, 1989-2004.

Table 83. Southern kingfish recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	103,715	14	59,983	16	10.2	0.7	18	44,891	52
1990	388,756	19	174,970	19	9.7	0.4	27	255,926	25
1991	360,931	16	163,544	16	9.9	0.4	23	82,473	22
1992	169,793	15	89,277	18	10.3	0.4	28	22,269	35
1993	294,723	19	129,752	15	9.9	0.4	24	14,101	41
1994	250,552	12	121,024	12	10.4	0.4	18	2,938	52
1995	364,446	15	215,081	15	11.1	0.7	19	27,060	31
1996	243,594	27	149,789	31	11.4	0.7	37	24,555	30
1997	116,777	15	77,505	15	11.2	0.7	21	5,499	58
1998	86,454	14	54,478	14	11.5	0.7	18	462	100
1999	135,535	24	74,635	24	11.4	0.4	42	0	-
2000	609,169	18	418,440	20	11.6	0.7	28	1,162	74
2001	592,014	22	316,201	21	11.0	0.4	36	6,054	53
2002	311,867	26	195,323	27	11.5	0.7	35	0	-
2003	188,912	14	130,792	16	11.5	0.7	22	0	-
2004	337,594	14	234,166	14	11.7	0.7	21	0	-

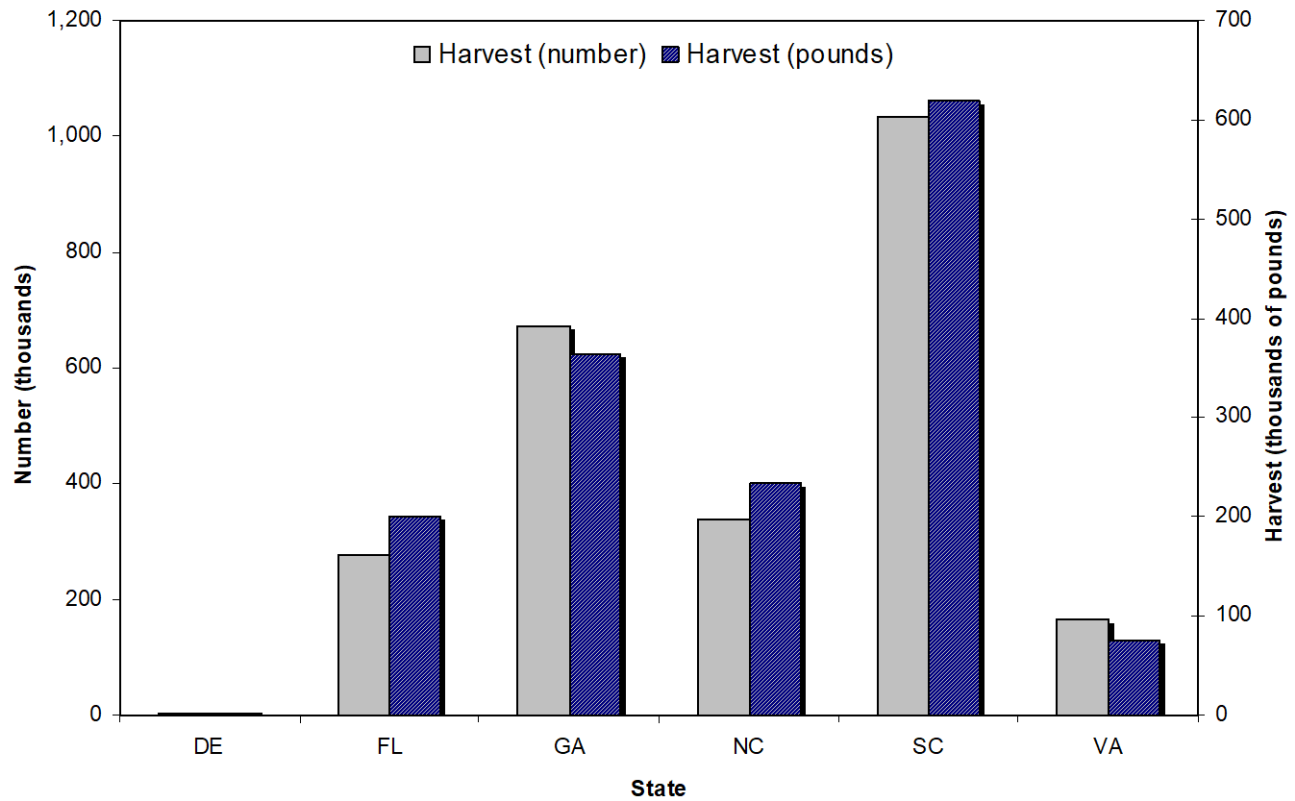


Figure 50. Southern kingfish recreational harvest by state, 2004.

Table 84. Southern kingfish recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	1,814	61	1,135	62	11.7	0.7	74
East Florida	277,365	17	201,101	18	12.1	0.7	27
Georgia	672,254	16	363,305	16	11.1	0.4	27
North Carolina	337,594	14	234,166	14	11.7	0.7	21
South Carolina	1,034,074	19	619,369	23	11.3	0.7	27
Virginia	164,516	24	75,620	23	10.7	0.4	35

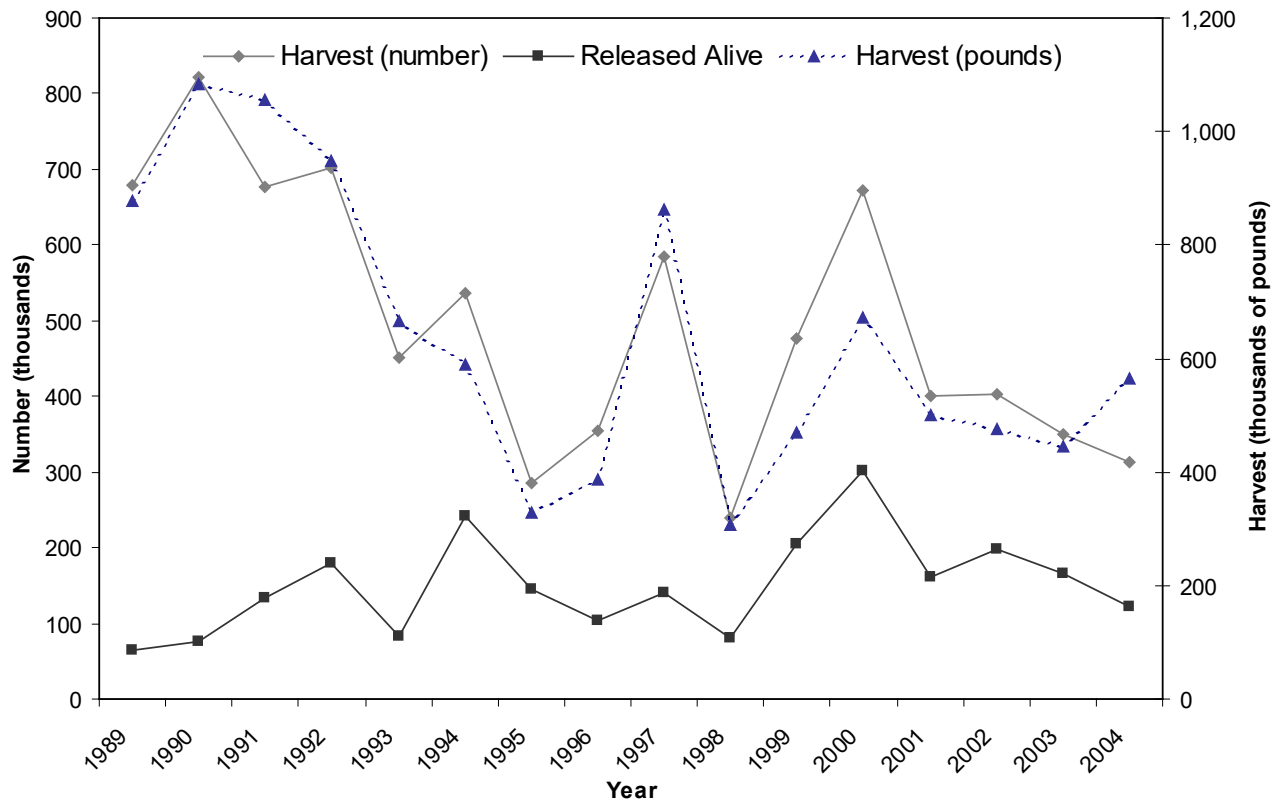


Figure 51. Spanish mackerel recreational catch in North Carolina by year, 1989-2004.

Table 85. Spanish mackerel recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	679,360	9	877,911	8	15.2	1.3	12	64,749	19
1990	821,334	8	1,084,167	8	15.3	1.3	11	76,940	16
1991	676,717	6	1,056,524	6	15.6	1.5	9	133,601	13
1992	701,974	6	947,065	6	15.2	1.3	9	180,235	11
1993	451,523	8	664,815	8	15.7	1.5	11	81,927	15
1994	535,949	6	588,035	6	15.0	1.1	9	241,082	9
1995	285,882	10	329,466	10	14.9	1.1	15	145,845	12
1996	355,036	10	385,922	10	15.6	1.1	14	103,067	11
1997	585,765	8	862,497	9	15.9	1.5	12	140,704	11
1998	239,052	10	305,630	10	15.1	1.3	14	80,700	14
1999	476,019	10	469,258	9	14.4	0.9	15	205,870	16
2000	671,353	11	671,616	11	14.9	1.1	14	300,384	14
2001	400,706	9	499,829	12	15.5	1.3	14	160,591	15
2002	401,982	11	475,742	12	15.4	1.1	17	196,967	12
2003	349,170	12	446,052	14	15.5	1.3	17	164,787	13
2004	312,235	15	565,352	18	17.6	1.8	24	122,475	15

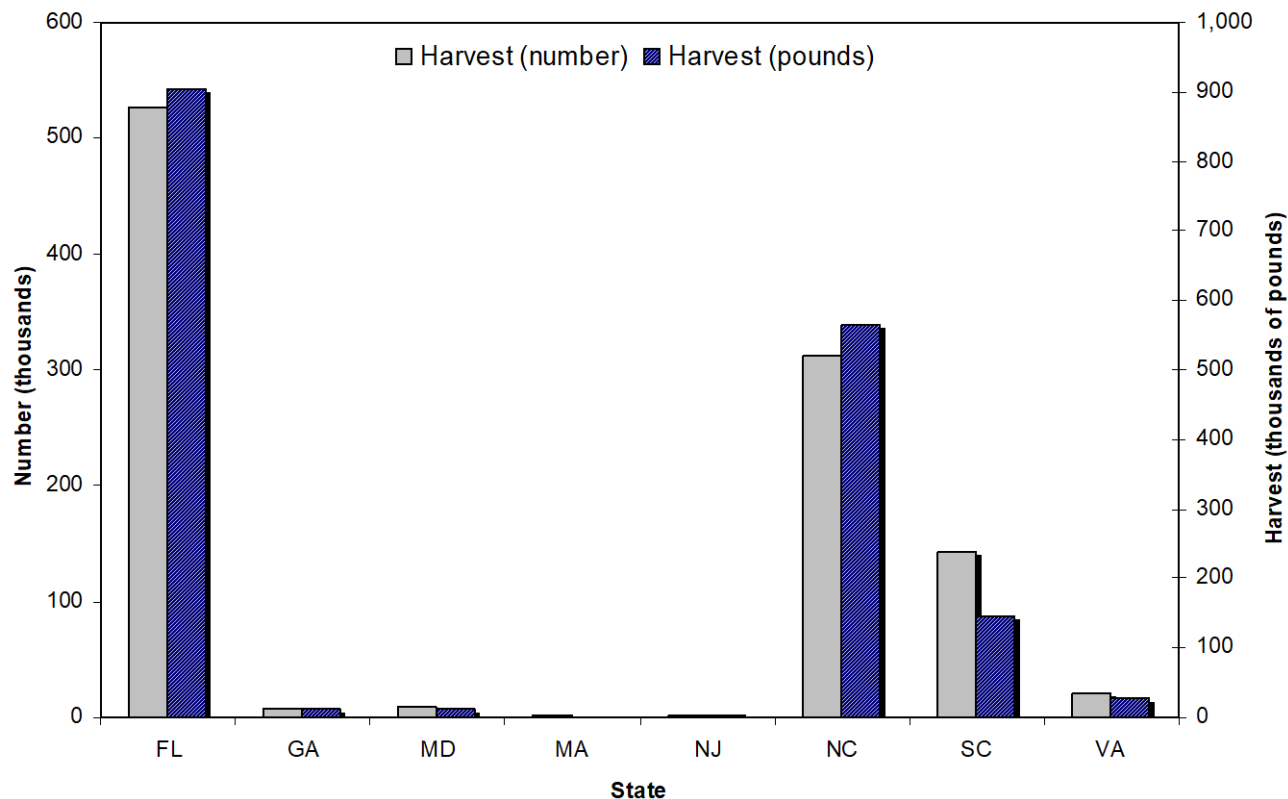


Figure 52. Spanish mackerel recreational harvest by state, 2004.

Table 86. Spanish mackerel recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	525,963	11	905,429	14	17.8	1.8	17
Georgia	7,838	44	11,777	40	16.9	1.5	55
Maryland	8,304	92	13,783	98	15.8	1.8	94
Massachusetts	1,365	100	0	-	0.0	0.0	-
New Jersey	1,485	99	2,983	99	18.6	2.0	100
North Carolina	312,235	15	565,352	18	17.6	1.8	24
South Carolina	142,886	34	145,784	31	14.7	1.1	41
Virginia	20,497	53	28,285	58	15.0	1.3	75

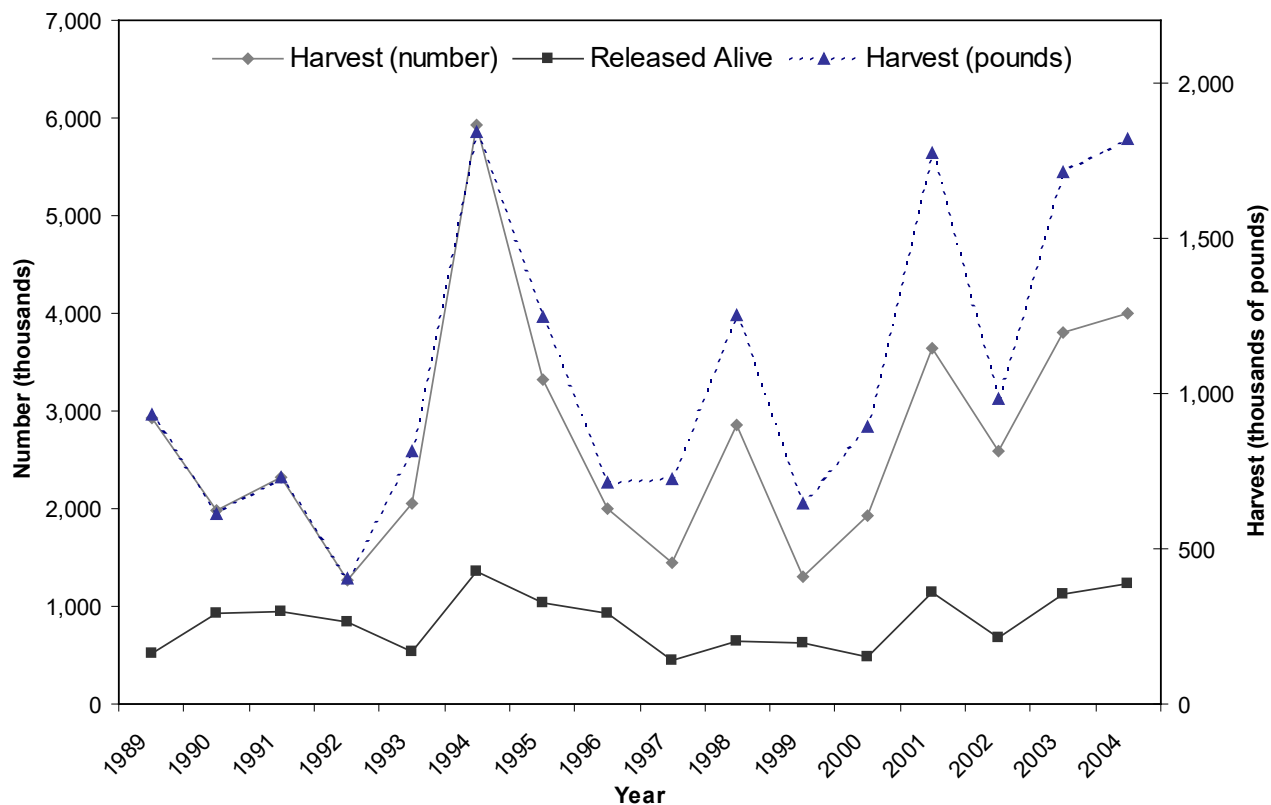


Figure 53. Spot recreational catch in North Carolina by year, 1989-2004.

Table 87. Spot recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	2,924,299	9	929,188	9	7.9	0.2	18	524,897	15
1990	1,986,601	9	613,904	9	7.6	0.2	18	921,849	14
1991	2,317,095	7	727,463	7	7.6	0.2	15	946,564	10
1992	1,271,416	8	403,775	9	7.8	0.2	17	841,163	8
1993	2,057,440	10	812,810	11	8.3	0.4	13	528,449	10
1994	5,929,269	9	1,842,360	10	8.1	0.2	19	1,363,884	7
1995	3,329,981	9	1,247,995	10	8.4	0.4	11	1,035,361	9
1996	2,007,071	9	710,086	9	8.5	0.4	10	924,204	7
1997	1,440,661	13	722,868	14	8.8	0.4	21	450,663	8
1998	2,865,190	14	1,249,543	15	8.7	0.4	20	650,157	9
1999	1,308,167	12	646,662	14	9.0	0.4	20	633,112	9
2000	1,924,107	12	893,835	16	8.8	0.4	21	481,995	9
2001	3,650,711	9	1,773,671	10	9.1	0.4	14	1,143,695	8
2002	2,586,313	10	984,898	11	8.6	0.4	13	671,669	9
2003	3,796,557	10	1,714,158	10	8.9	0.4	15	1,132,992	9
2004	3,994,715	7	1,821,064	8	9.1	0.4	11	1,231,453	8

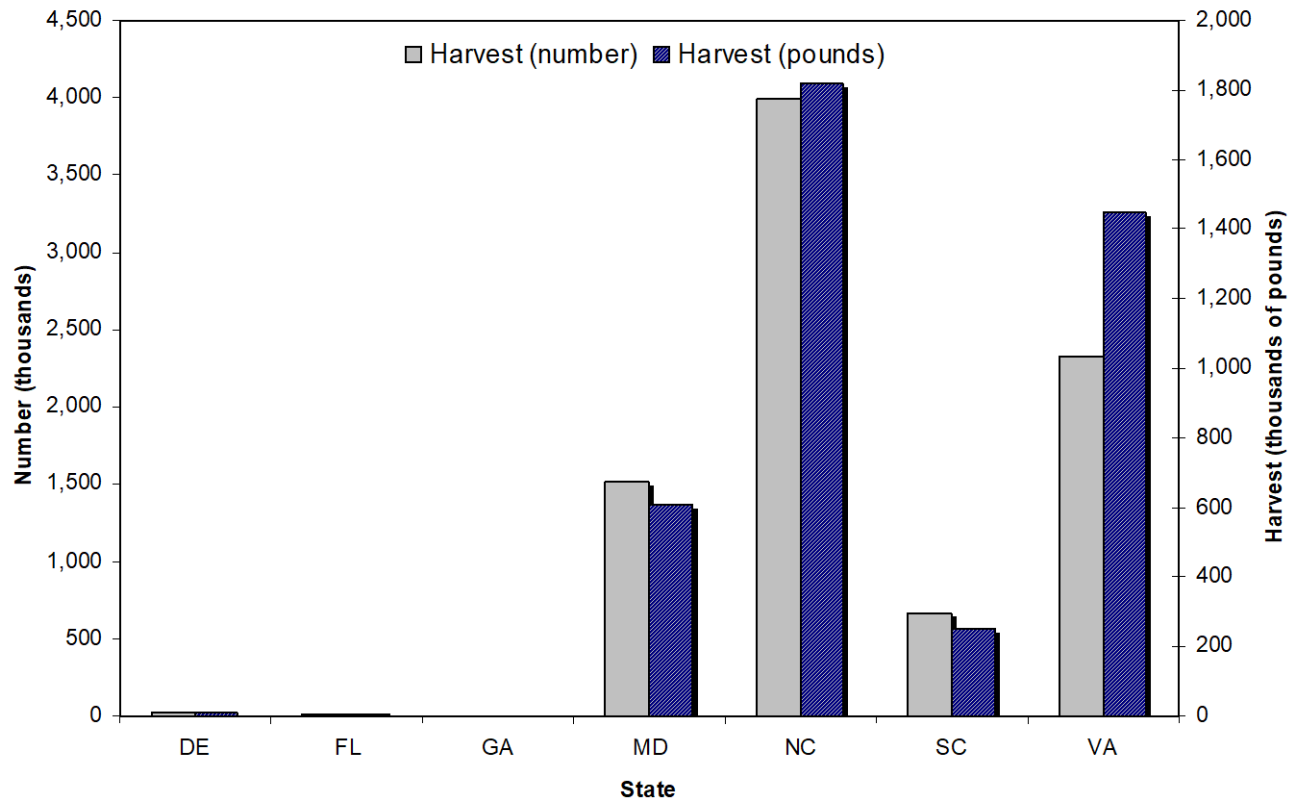


Figure 54. Spot recreational harvest by state, 2004.

Table 88. Spot recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	27,022	30	10,822	30	8.6	0.4	38
East Florida	10,937	44	3,373	47	6.9	0.2	85
Georgia	2,332	60	725	59	7.6	0.2	100
Maryland	1,517,831	13	608,201	14	8.7	0.4	17
North Carolina	3,994,715	7	1,821,064	8	9.1	0.4	11
South Carolina	666,228	25	249,863	25	8.3	0.4	30
Virginia	2,328,726	10	1,449,302	11	9.6	0.7	14

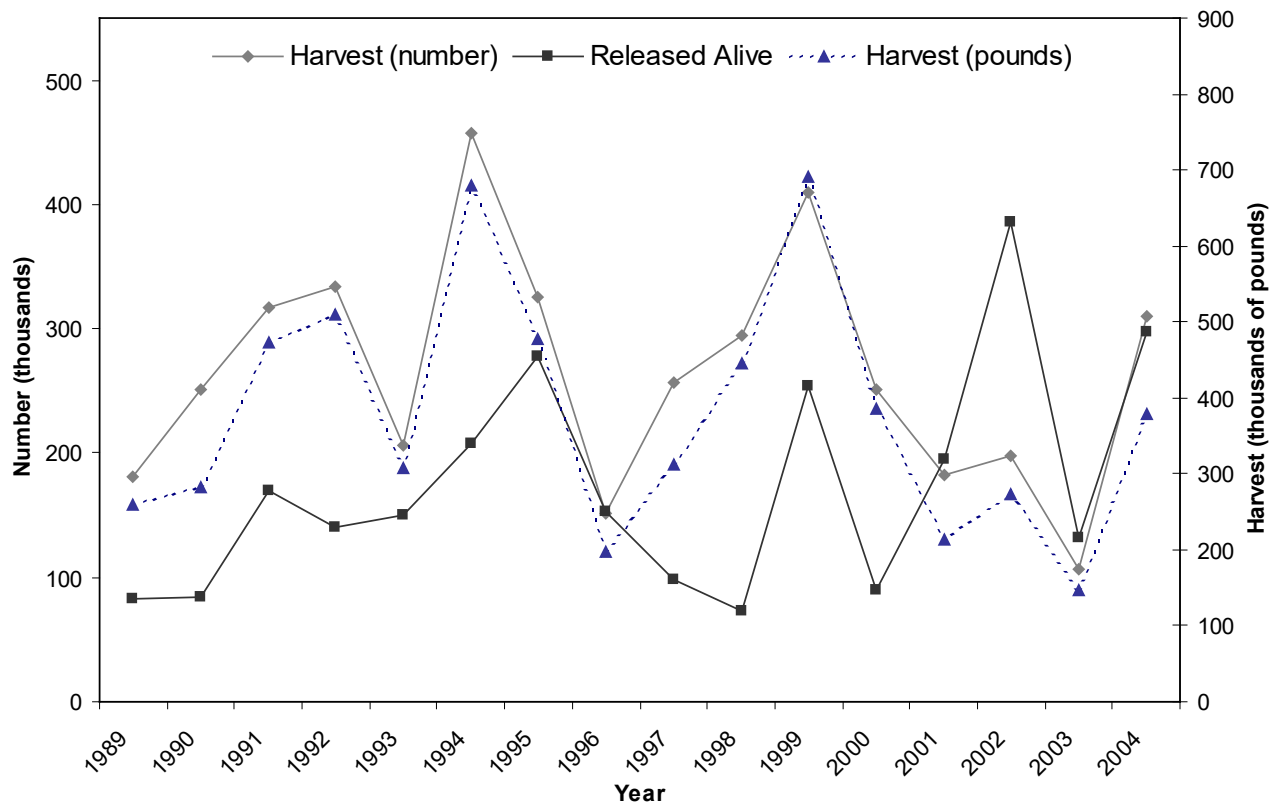


Figure 55. Spotted seatrout recreational catch in North Carolina by year, 1989-2004.

Table 89. Spotted seatrout recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	181,149	12	259,726	13	15.1	1.5	16	82,909	25
1990	251,088	28	282,872	25	14.2	1.1	38	84,235	25
1991	316,895	10	472,397	11	15.3	1.5	15	169,921	15
1992	333,990	11	508,760	12	15.6	1.5	16	139,616	15
1993	206,523	9	307,151	9	15.6	1.5	12	149,744	15
1994	457,636	8	679,996	8	16.1	1.5	11	207,262	15
1995	325,927	10	478,674	11	15.5	1.5	14	277,896	13
1996	151,380	17	197,261	16	14.9	1.3	22	153,051	14
1997	256,719	11	311,891	11	15.0	1.3	15	98,377	17
1998	294,501	12	444,441	13	16.0	1.5	17	73,024	19
1999	410,321	12	690,606	13	16.4	1.8	17	253,442	14
2000	250,450	15	385,190	17	15.9	1.5	23	90,070	20
2001	182,124	14	213,438	14	14.5	1.1	21	194,982	15
2002	197,484	16	274,100	17	15.3	1.3	24	385,162	22
2003	106,415	19	145,936	19	15.1	1.3	28	131,619	19
2004	310,487	13	377,776	13	15.1	1.3	17	296,974	13

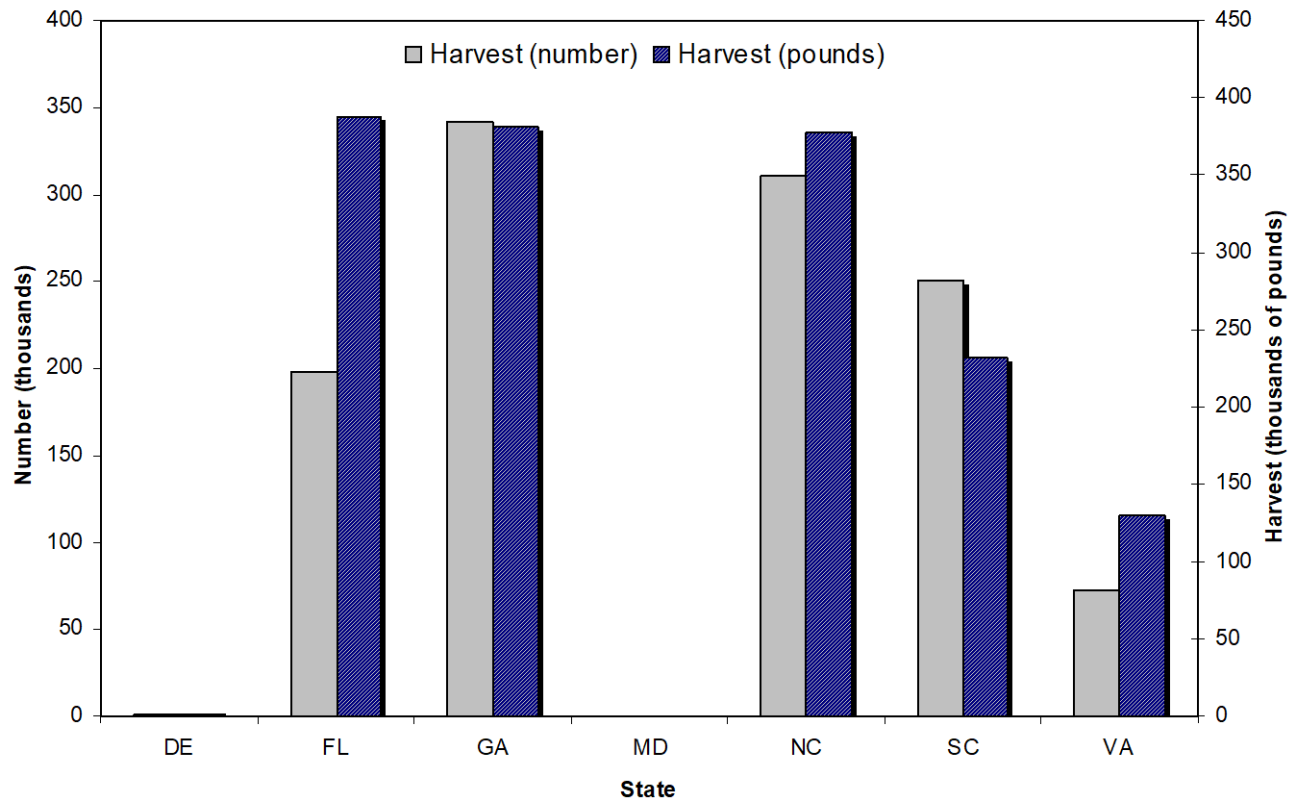


Figure 56. Spotted seatrout recreational harvest by state, 2004.

Table 90. Spotted seatrout recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	635	71	908	72	15.5	1.5	81
East Florida	198,187	11	388,164	12	17.6	2.0	16
Georgia	342,182	15	380,635	15	14.6	1.1	21
Maryland	0	-	0	-	0.0	0.0	-
North Carolina	310,487	13	377,776	13	15.1	1.3	17
South Carolina	249,885	23	231,928	20	13.6	0.9	31
Virginia	72,728	26	130,404	29	17.4	2.0	38

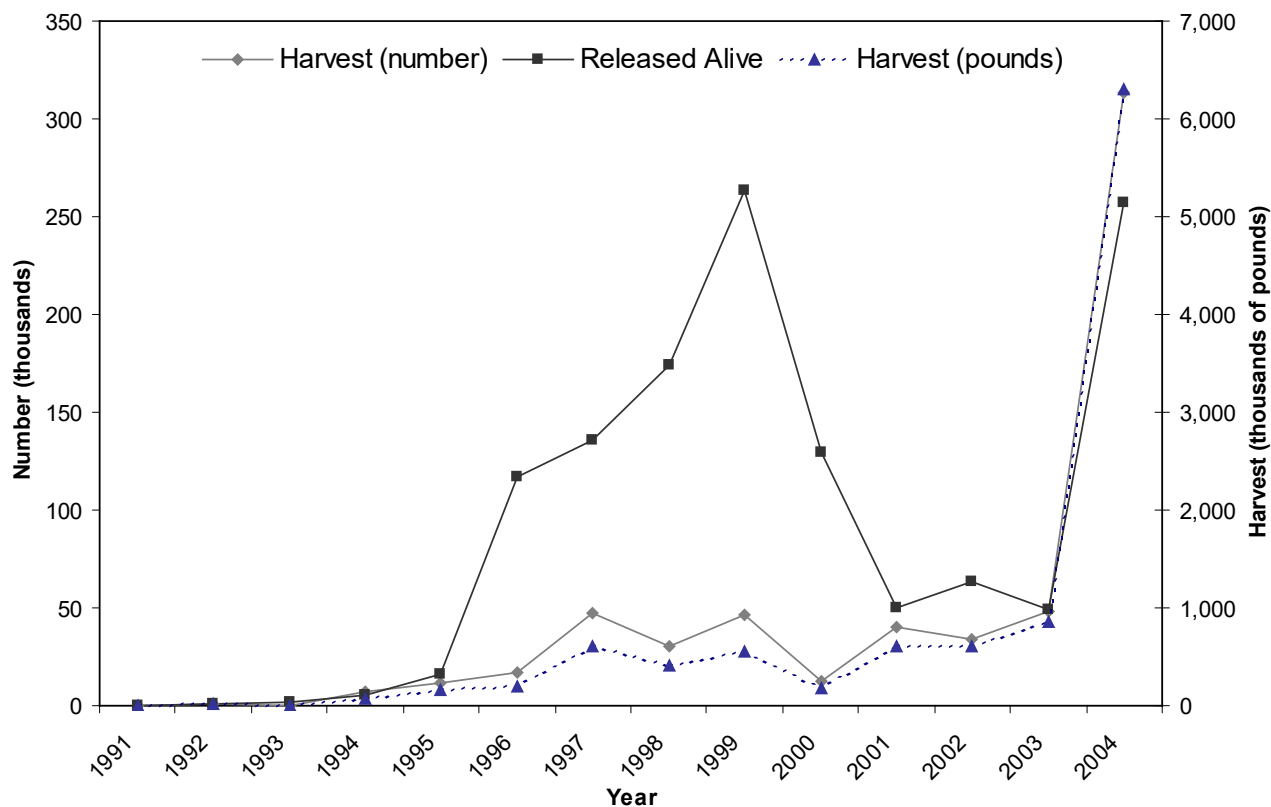


Figure 57. Striped bass Atlantic Ocean recreational catch in North Carolina by year, 1991-2004.

Table 91. Striped bass Atlantic Ocean recreational catch in North Carolina by year, 1991-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1991	391	100	3,882	-	27.0	9.9	-	256	100
1992	967	100	16,197	-	33.4	16.8	-	679	100
1993	264	100	3,029	-	31.6	11.5	-	1,524	61
1994	7,426	28	71,195	33	27.5	9.5	43	5,005	38
1995	11,450	25	158,096	26	32.3	13.9	35	16,225	38
1996	17,136	18	199,675	19	30.5	11.7	26	116,667	15
1997	47,152	16	607,978	16	31.2	12.8	23	135,853	12
1998	30,680	21	415,585	21	30.7	13.5	29	173,704	14
1999	46,798	18	556,922	18	30.3	11.9	25	263,445	16
2000	12,908	25	187,276	27	32.1	15.7	37	129,729	16
2001	40,016	20	608,617	21	31.4	15.2	29	49,953	18
2002	33,610	31	602,586	32	33.9	17.9	44	63,269	21
2003	48,513	26	848,416	27	35.1	17.4	37	48,945	32
2004	313,717	19	6,298,600	20	35.4	20.1	27	257,302	21

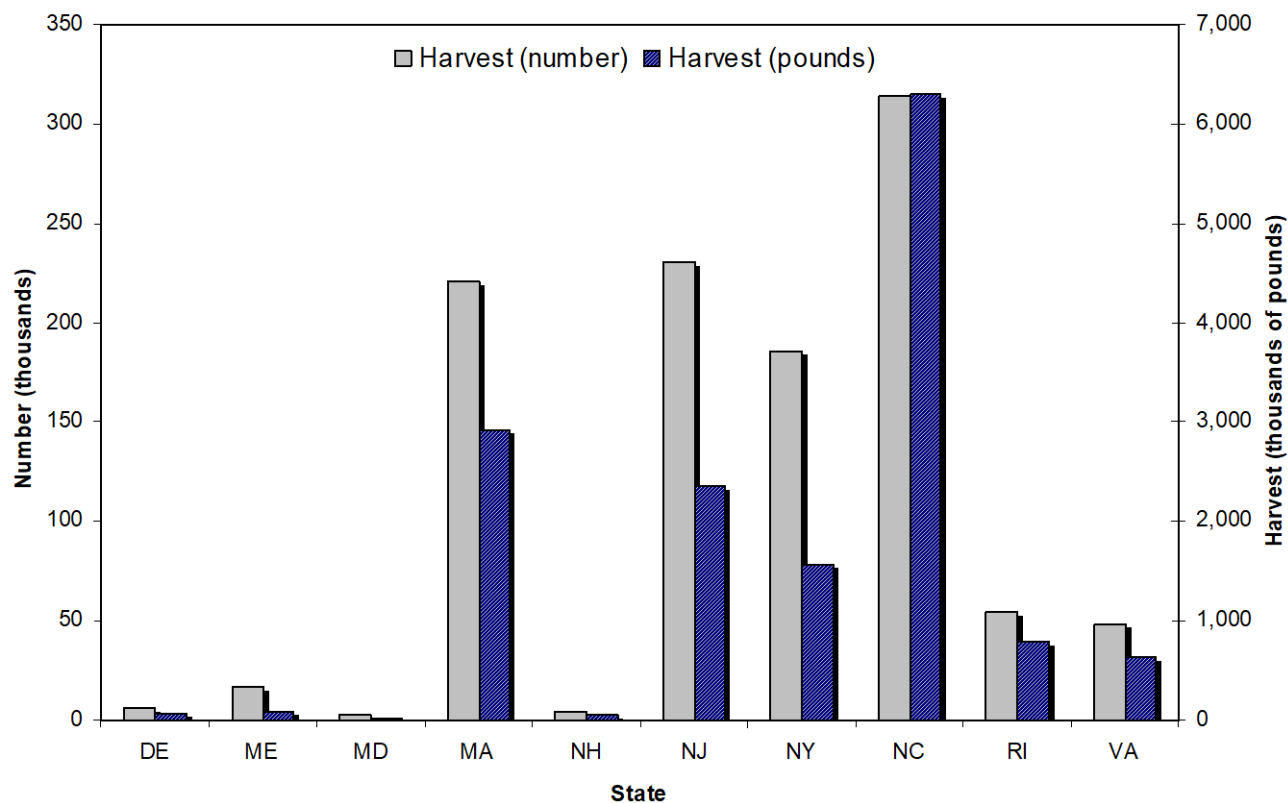


Figure 58. Striped bass Atlantic Ocean recreational harvest by state, 2004.

Table 92. Striped bass Atlantic Ocean recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	5,832	22	69,586	19	29.4	11.9	29
Maine	17,038	25	80,353	26	22.4	4.6	36
Maryland	2,432	83	17,652	90	-	7.3	97
Massachusetts	220,937	14	2,915,262	16	29.4	13.2	21
New Hampshire	4,310	28	50,208	27	29.7	11.7	38
New Jersey	230,741	13	2,348,393	14	28.9	10.6	19
New York	185,233	12	1,566,038	13	28.9	8.6	18
North Carolina	313,717	19	6,298,600	20	35.4	20.1	27
Rhode Island	54,451	13	784,099	15	30.6	14.6	20
Virginia	48,650	19	633,457	20	31.2	13.0	27

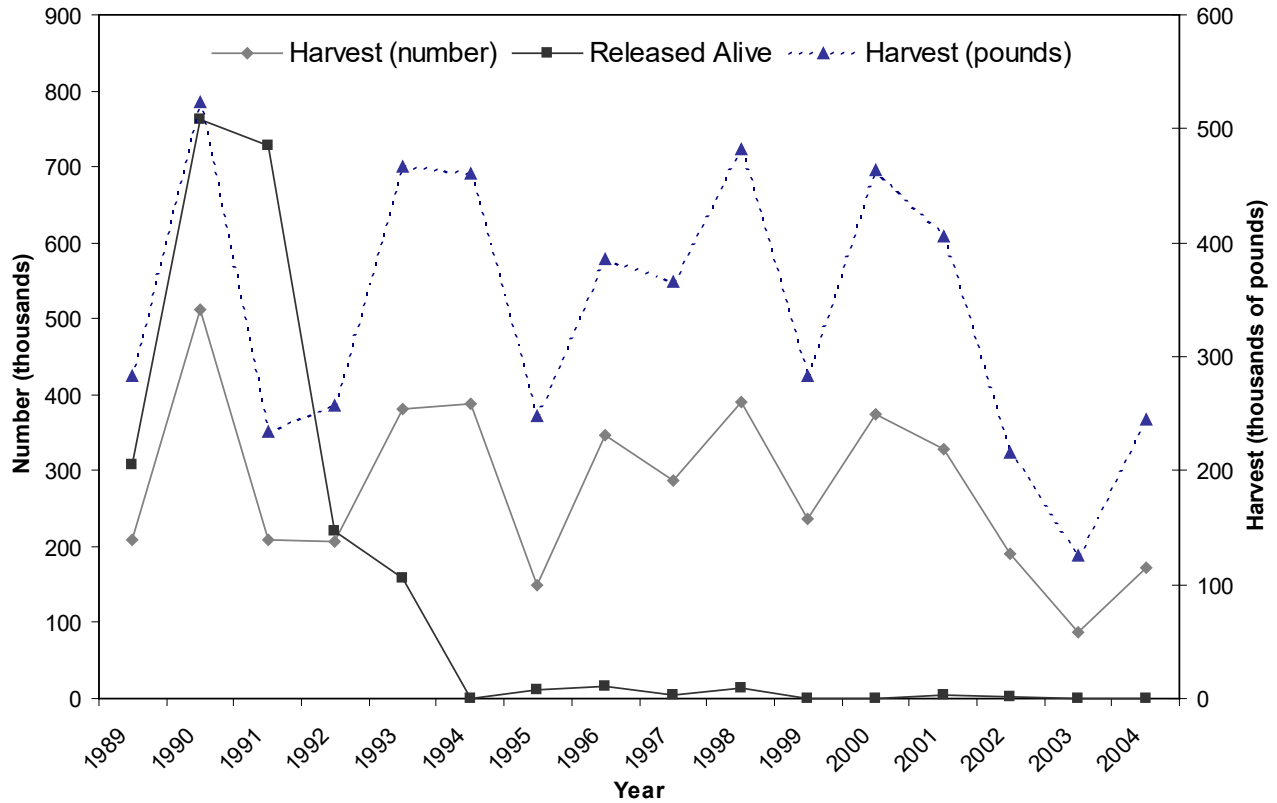


Figure 59. Summer flounder recreational catch in North Carolina by year, 1989-2004.

Table 93. Summer flounder recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	209,305	12	283,187	14	14.1	1.3	19	307,995	18
1990	511,263	10	523,586	11	13.9	1.1	14	763,063	14
1991	209,794	8	233,714	8	14.0	1.1	11	728,429	8
1992	206,781	8	257,901	8	14.6	1.3	11	219,522	17
1993	380,682	7	466,489	7	14.6	1.3	10	157,389	19
1994	388,172	7	461,343	7	15.0	1.1	11	552	100
1995	149,546	11	247,310	24	15.4	1.8	25	12,129	35
1996	346,717	10	386,325	10	14.9	1.1	14	17,055	29
1997	287,951	9	365,357	9	15.1	1.3	12	3,916	82
1998	391,136	9	481,467	9	15.0	1.3	12	12,992	39
1999	236,791	13	282,451	13	14.9	1.1	20	0	-
2000	374,756	11	463,030	11	15.2	1.3	14	803	100
2001	327,249	9	405,605	9	15.0	1.3	12	4,505	44
2002	189,458	12	215,844	13	14.6	1.1	18	1,685	69
2003	87,851	20	125,909	21	15.2	1.5	27	638	100
2004	172,716	14	244,984	14	15.7	1.3	21	0	-

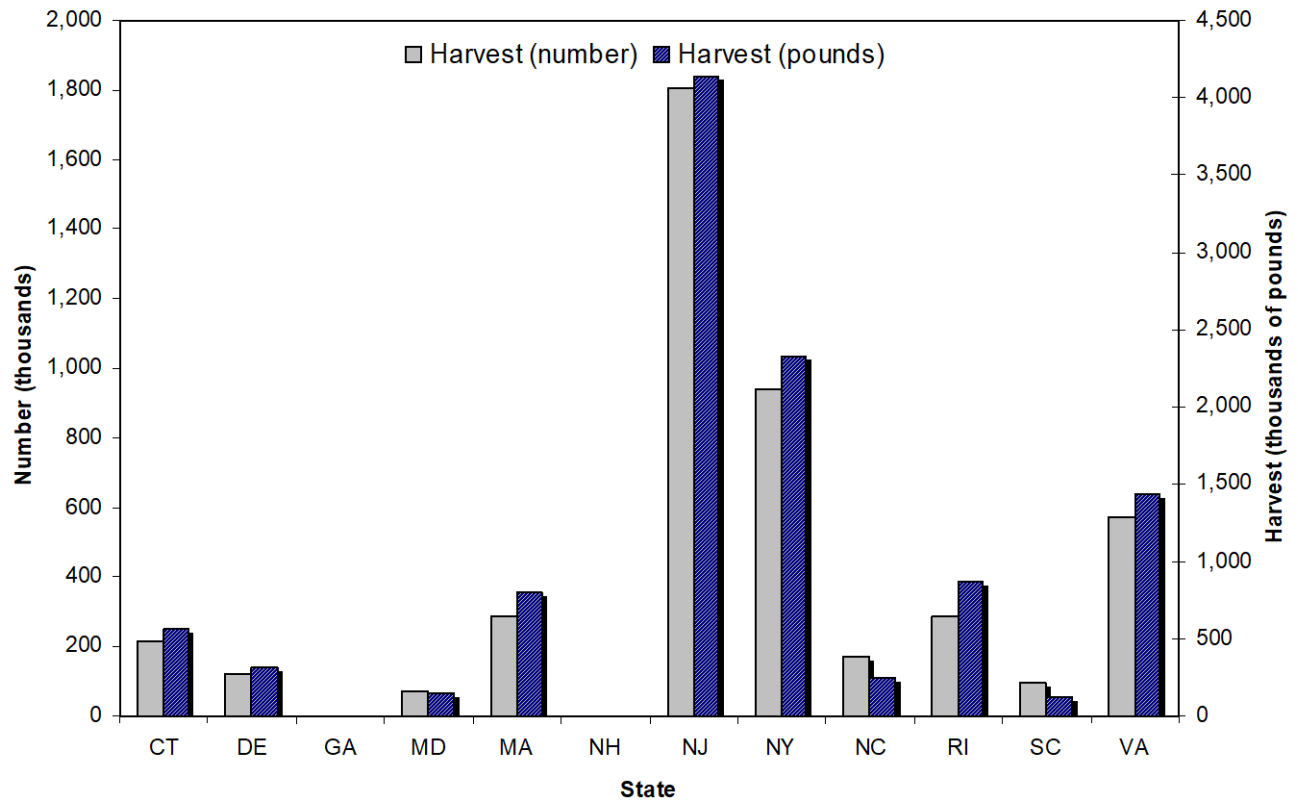


Figure 60. Summer flounder recreational harvest by state, 2004.

Table 94. Summer flounder recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Connecticut	217,872	19	567,466	18	18.8	2.6	26
Delaware	120,588	13	316,272	13	18.9	2.6	18
Georgia	1,278	77	2,555	77	16.2	2.0	92
Maryland	67,856	19	146,112	20	17.4	2.2	26
Massachusetts	284,302	19	808,261	20	18.8	2.9	28
New Hampshire	0	-	0	-	0.0	0.0	-
New Jersey	1,803,289	7	4,139,150	7	18.2	2.2	10
New York	941,997	9	2,330,961	10	18.5	2.4	14
North Carolina	172,716	14	244,984	14	15.7	1.3	21
Rhode Island	286,478	10	871,249	12	19.2	3.1	15
South Carolina	97,026	26	123,883	28	14.3	1.3	36
Virginia	571,951	10	1,434,798	10	18.7	2.4	15

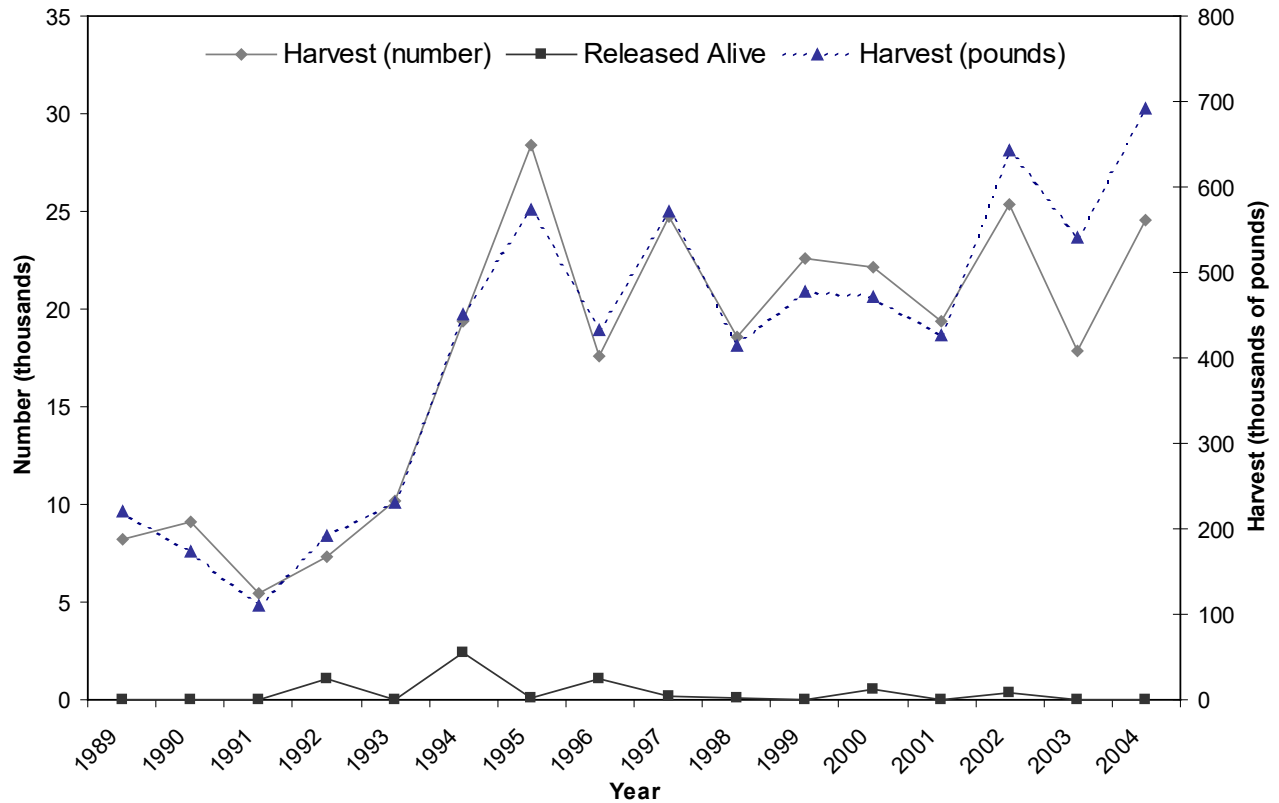


Figure 61. Wahoo recreational catch in North Carolina by year, 1989-2004.

Table 95. Wahoo recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	8,176	18	220,169	16	46.8	26.9	23	0	-
1990	9,119	22	174,432	21	43.8	19.2	30	0	-
1991	5,406	16	110,872	16	44.4	20.5	22	40	99
1992	7,326	13	191,132	18	49.9	26.0	22	1,051	73
1993	10,191	13	230,557	17	45.1	22.7	21	0	-
1994	19,410	9	450,018	10	46.9	23.2	13	2,422	84
1995	28,354	10	572,477	10	44.3	20.3	14	50	100
1996	17,580	12	432,033	13	47.2	24.5	18	1,092	50
1997	24,770	14	571,106	14	45.8	23.2	20	159	71
1998	18,574	12	414,758	12	45.4	22.3	18	62	99
1999	22,601	12	476,760	13	44.9	21.2	18	0	-
2000	22,137	15	470,832	15	45.1	21.2	21	531	100
2001	19,392	14	425,596	15	46.0	22.1	20	0	-
2002	25,336	12	642,894	14	46.9	25.4	18	319	83
2003	17,851	28	540,879	33	48.9	30.2	42	0	-
2004	24,514	25	692,710	29	52.4	28.2	37	0	-

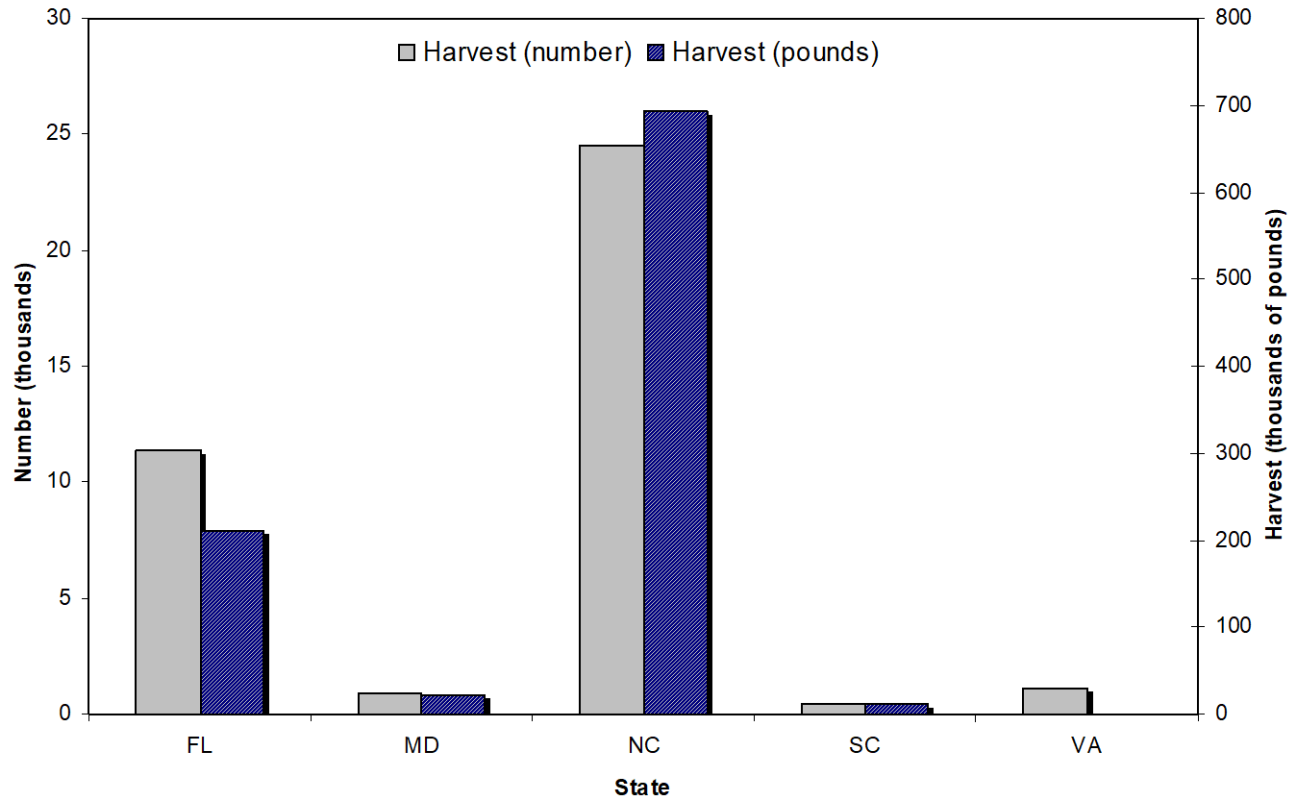


Figure 62. Wahoo recreational harvest by state, 2004.

Table 96. Wahoo recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	11,378	25	211,009	29	45.6	21.2	39
Maryland	878	100	21,266	-	0.0	24.3	-
North Carolina	24,514	25	692,710	29	52.4	28.2	37
South Carolina	486	62	11,751	68	43.2	24.3	82
Virginia	1,120	81	-	-	58.0	-	-

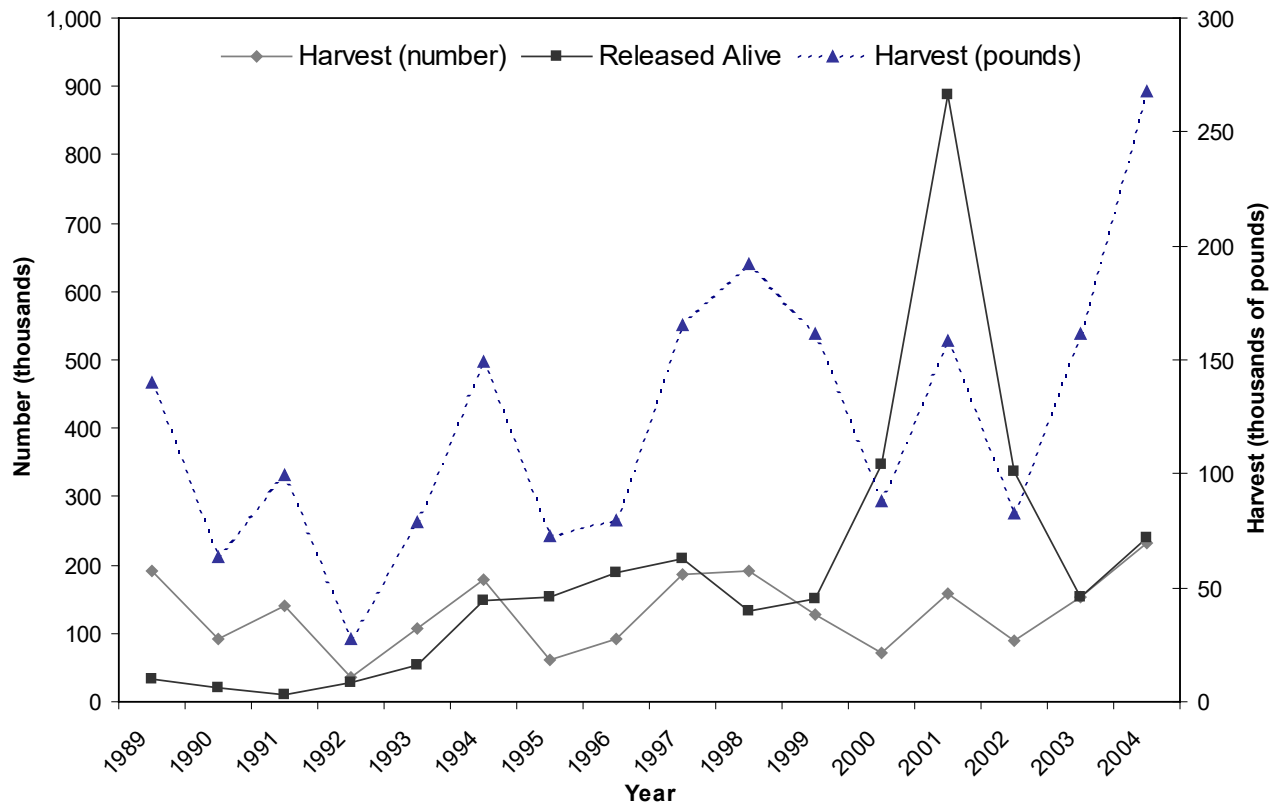


Figure 63. Weakfish recreational catch in North Carolina by year, 1989-2004.

Table 97. Weakfish recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	190,193	13	139,979	15	12.4	0.7	22	34,074	25
1990	91,300	15	63,420	15	12.0	0.7	23	20,669	43
1991	140,826	28	99,824	24	12.4	0.7	39	11,457	29
1992	35,490	16	27,363	18	12.9	0.7	28	27,052	30
1993	106,737	13	78,982	14	12.4	0.7	21	52,468	18
1994	177,965	10	149,159	12	13.3	0.9	14	147,616	14
1995	62,475	19	72,412	21	15.0	1.1	29	154,008	12
1996	90,704	12	79,317	12	14.0	0.9	17	188,263	15
1997	184,954	10	165,032	10	13.6	0.9	14	209,122	14
1998	191,181	13	192,210	14	14.2	1.1	17	131,537	19
1999	127,163	15	161,291	15	15.2	1.3	20	149,377	15
2000	71,247	19	87,926	20	15.0	1.3	25	346,212	13
2001	158,605	18	158,423	18	14.3	1.1	23	886,943	15
2002	90,170	18	82,747	19	13.9	0.9	27	336,709	15
2003	153,753	16	161,474	16	14.2	1.1	22	153,563	16
2004	232,433	15	267,625	15	14.9	1.1	22	239,474	13

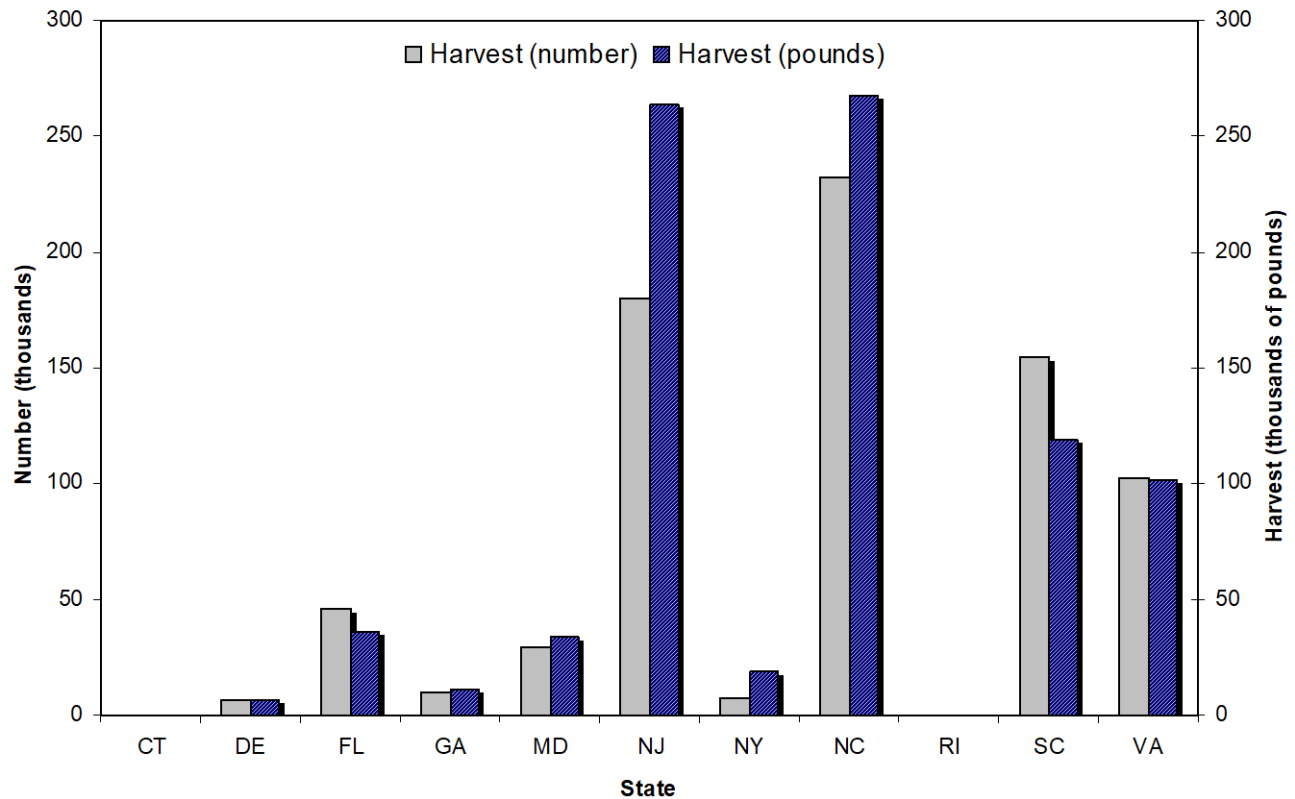


Figure 64. Weakfish recreational harvest by state, 2004.

Table 98. Weakfish recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Connecticut	0	-	0	-	0.0	0.0	-
Delaware	6,926	46	6,742	55	13.6	1.1	66
East Florida	45,735	27	36,246	27	13.3	0.9	34
Georgia	9,936	56	11,305	58	14.5	1.1	76
Maryland	29,714	29	34,229	36	14.9	1.3	49
New Jersey	180,045	20	263,465	29	15.9	1.8	36
New York	7,559	53	18,995	58	20.6	2.4	75
North Carolina	232,433	15	267,625	15	14.9	1.1	22
Rhode Island	0	-	0	-	0.0	0.0	-
South Carolina	154,888	45	119,428	51	11.3	0.7	75
Virginia	102,556	28	102,051	27	13.3	1.1	35
Connecticut	0	-	0	-	0.0	0.0	-

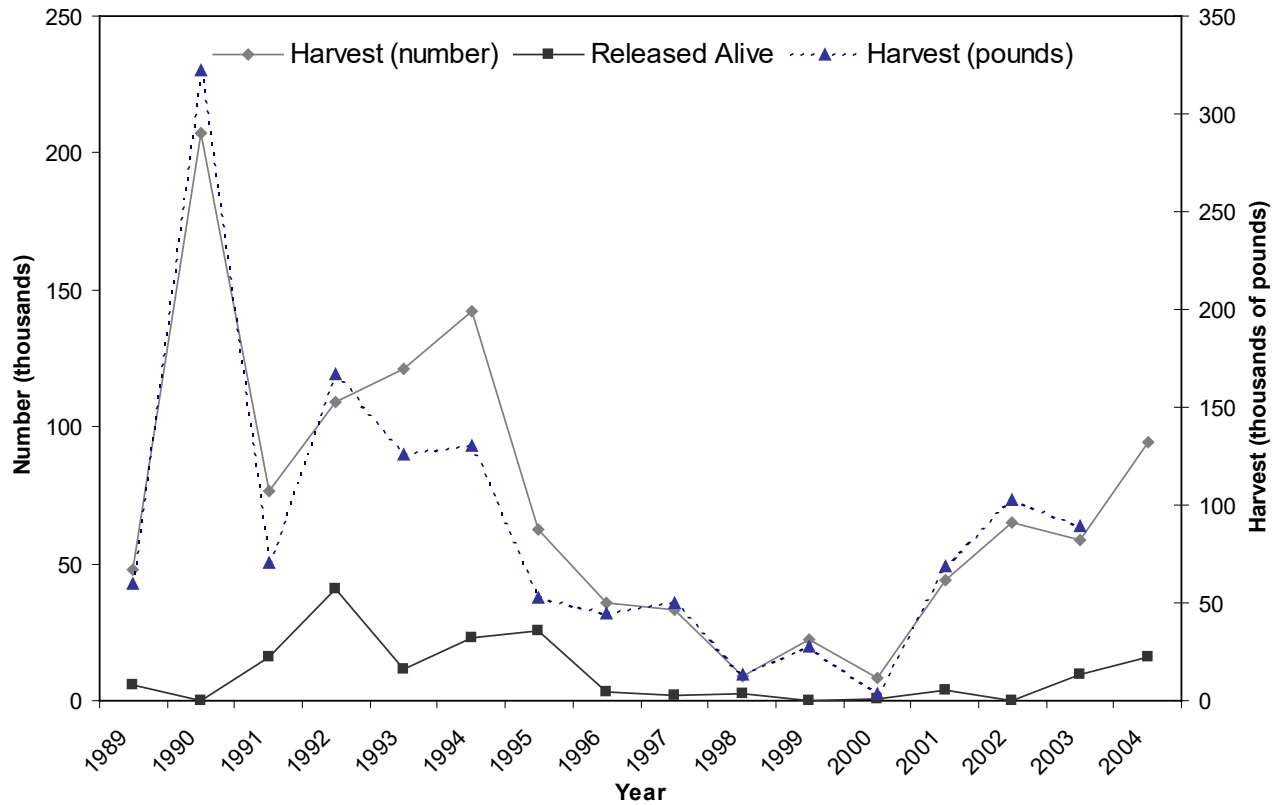


Figure 65. White grunt recreational catch in North Carolina by year, 1989-2004.

Table 99. White grunt recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	47,944	20	60,133	23	13.4	1.3	29	5,726	73
1990	207,258	22	322,588	26	12.4	1.5	35	0	-
1991	76,816	23	70,607	20	10.9	0.9	32	16,184	42
1992	109,216	13	167,336	16	12.3	1.5	21	40,759	32
1993	121,351	14	125,966	20	11.8	1.1	23	11,555	54
1994	142,204	10	130,504	11	12.2	0.9	15	23,155	36
1995	62,732	23	52,423	24	12.1	0.9	31	25,535	69
1996	35,426	25	44,681	27	12.6	1.3	35	3,158	50
1997	32,951	48	49,597	52	12.7	1.5	64	1,999	42
1998	8,819	42	13,126	44	12.9	1.5	56	2,635	59
1999	22,087	41	27,317	44	12.4	1.3	54	0	-
2000	8,109	87	3,622	90	0.0	0.4	99	401	100
2001	43,746	22	68,614	23	12.6	1.5	31	4,083	100
2002	64,785	25	102,271	26	13.4	1.5	36	0	-
2003	58,495	25	88,971	26	12.4	1.5	35	9,383	71
2004	94,358	24	140,852	24	12.6	1.5	32	15,947	50

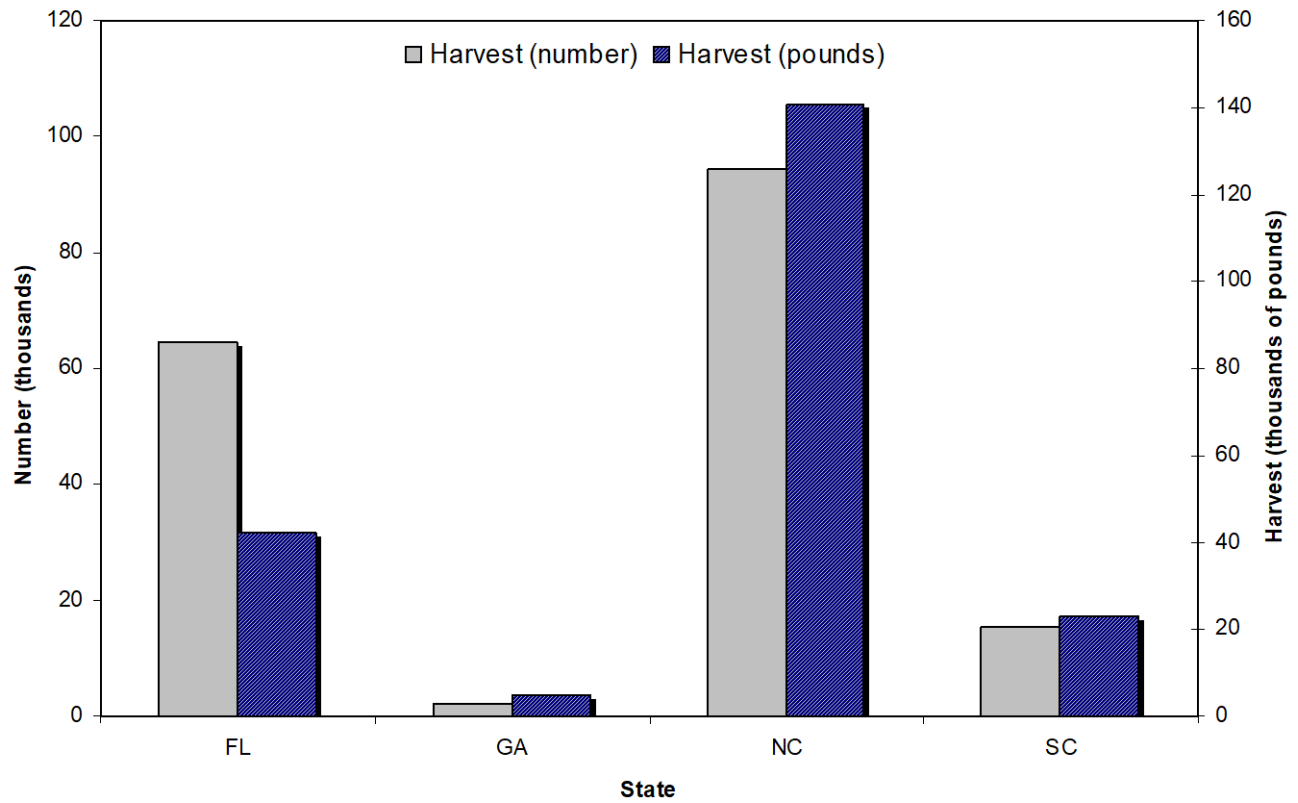


Figure 66. White grunt recreational harvest by state, 2004.

Table 100. White grunt recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	64,494	20	42,333	21	9.4	0.7	32
Georgia	2,258	48	4,782	46	14.2	2.2	60
North Carolina	94,358	24	140,852	24	12.6	1.5	32
South Carolina	15,246	39	22,994	35	12.9	1.5	49

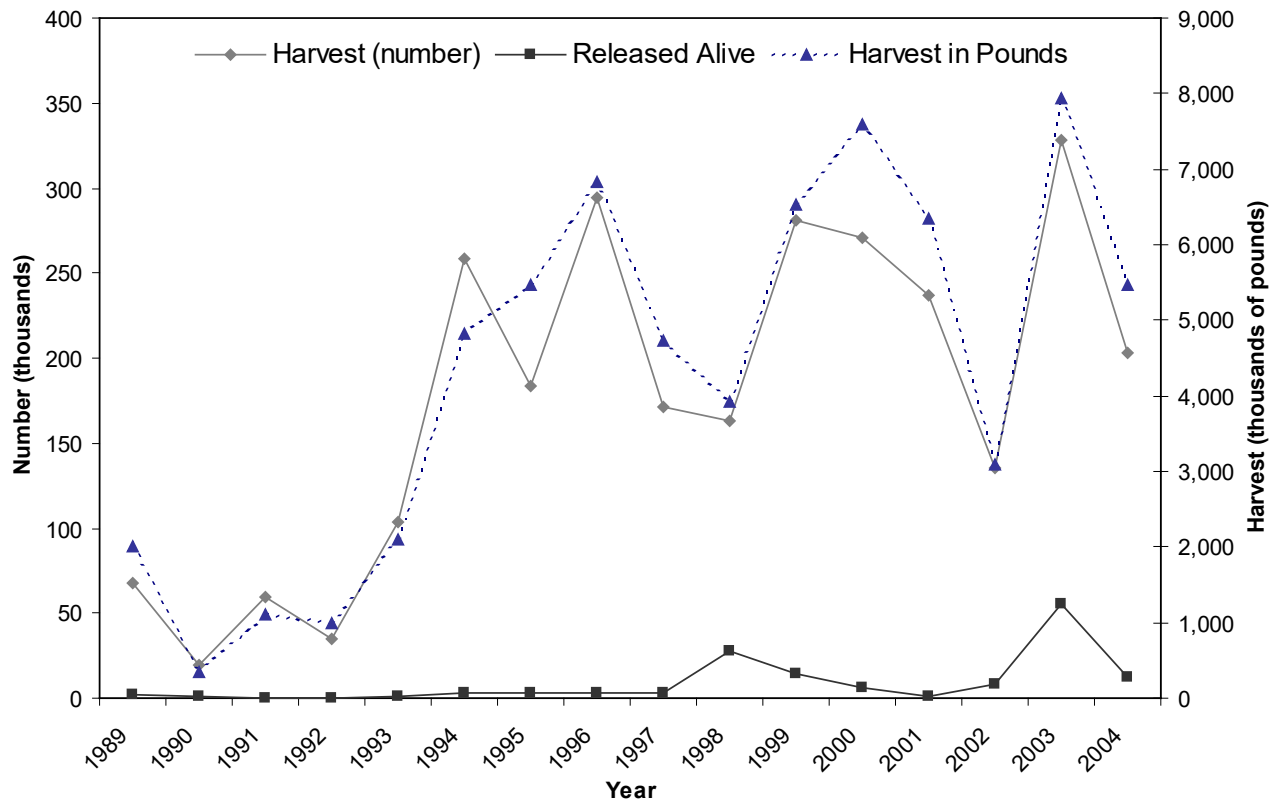


Figure 67. Yellowfin tuna recreational catch in North Carolina by year, 1989-2004.

Table 101. Yellowfin tuna recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	68,147	18	2,016,093	17	37.2	29.5	25	1,689	57
1990	19,499	20	339,087	24	31.1	17.4	31	1,193	53
1991	59,359	15	1,117,058	16	31.9	18.7	22	348	43
1992	35,141	15	982,050	14	37.1	28.0	20	19	100
1993	103,292	8	2,103,526	9	30.7	20.3	12	854	36
1994	258,795	14	4,830,462	13	30.9	18.7	19	2,872	27
1995	183,463	13	5,458,874	14	35.6	29.8	19	3,161	25
1996	294,330	10	6,821,542	10	33.0	23.2	14	3,072	21
1997	171,518	11	4,731,501	10	35.7	27.6	15	2,712	27
1998	163,058	10	3,932,180	10	33.2	24.0	14	27,202	13
1999	280,618	10	6,540,325	10	32.7	23.4	13	13,869	21
2000	270,545	10	7,601,110	10	35.3	28.0	14	6,189	26
2001	237,393	10	6,357,562	10	34.9	26.7	14	520	38
2002	134,921	17	3,097,946	17	32.7	22.9	24	7,796	21
2003	328,106	9	7,932,744	9	33.2	24.3	13	55,580	14
2004	202,575	12	5,473,559	12	34.5	27.1	16	12,287	21

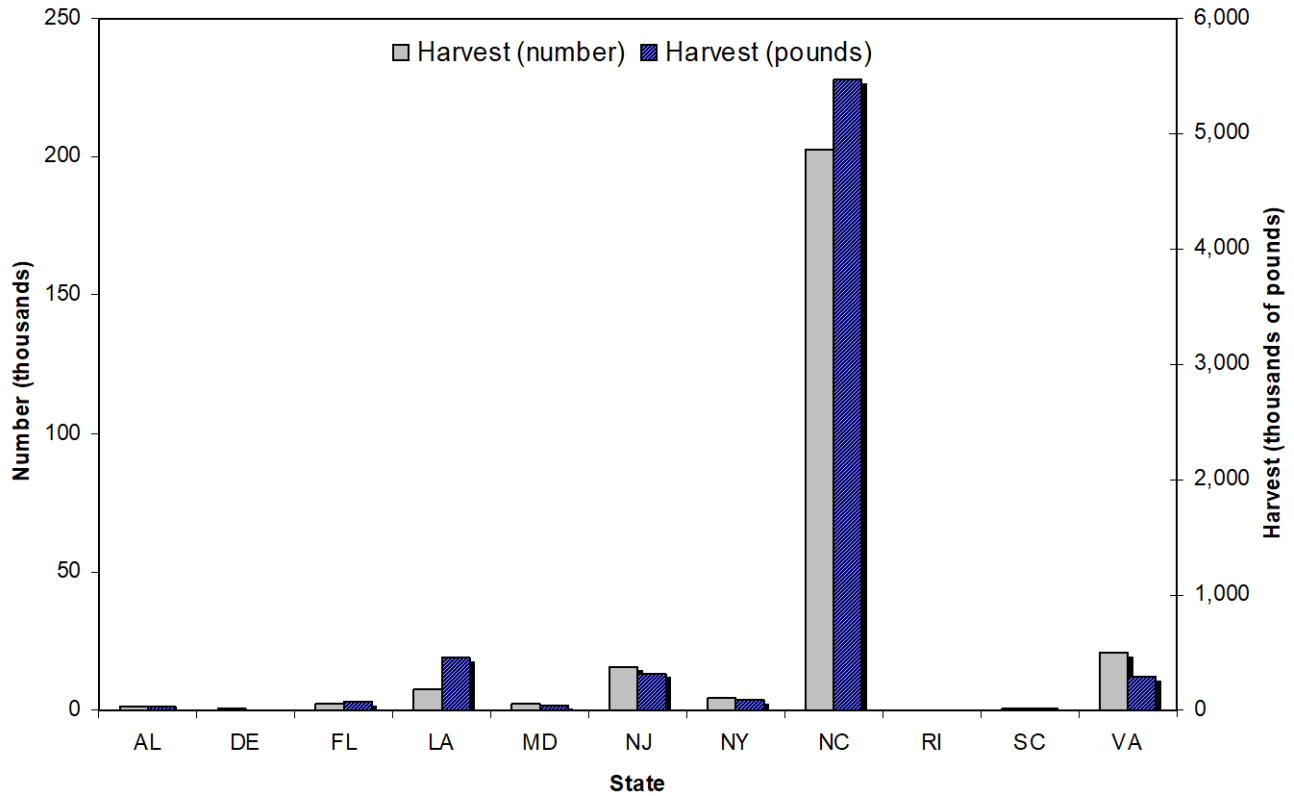


Figure 68. Yellowfin tuna recreational catch by state, 2004.

Table 102. Yellowfin tuna recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Alabama	949	87	28,030	100	25.8	12.1	-
Delaware	485	51	4,588	27	18.3	20.2	100
Florida	2,407	93	74,122	97	37.3	19.3	3
Louisiana	7,413	35	459,946	40	49.7	64.2	11
Maryland	2,673	48	52,177	60	19.0	43.0	-
New Jersey	15,872	26	324,837	45	-	-	-
New York	4,436	100	93,573	100	-	-	-
North Carolina	202,575	12	5,473,615	12	33.9	27.5	8
Rhode Island	169	75	-	-	27.1	-	-
South Carolina	536	62	11,813	62	33.1	22.1	16
Virginia	20,827	38	286,628	44	38.2	16.7	21

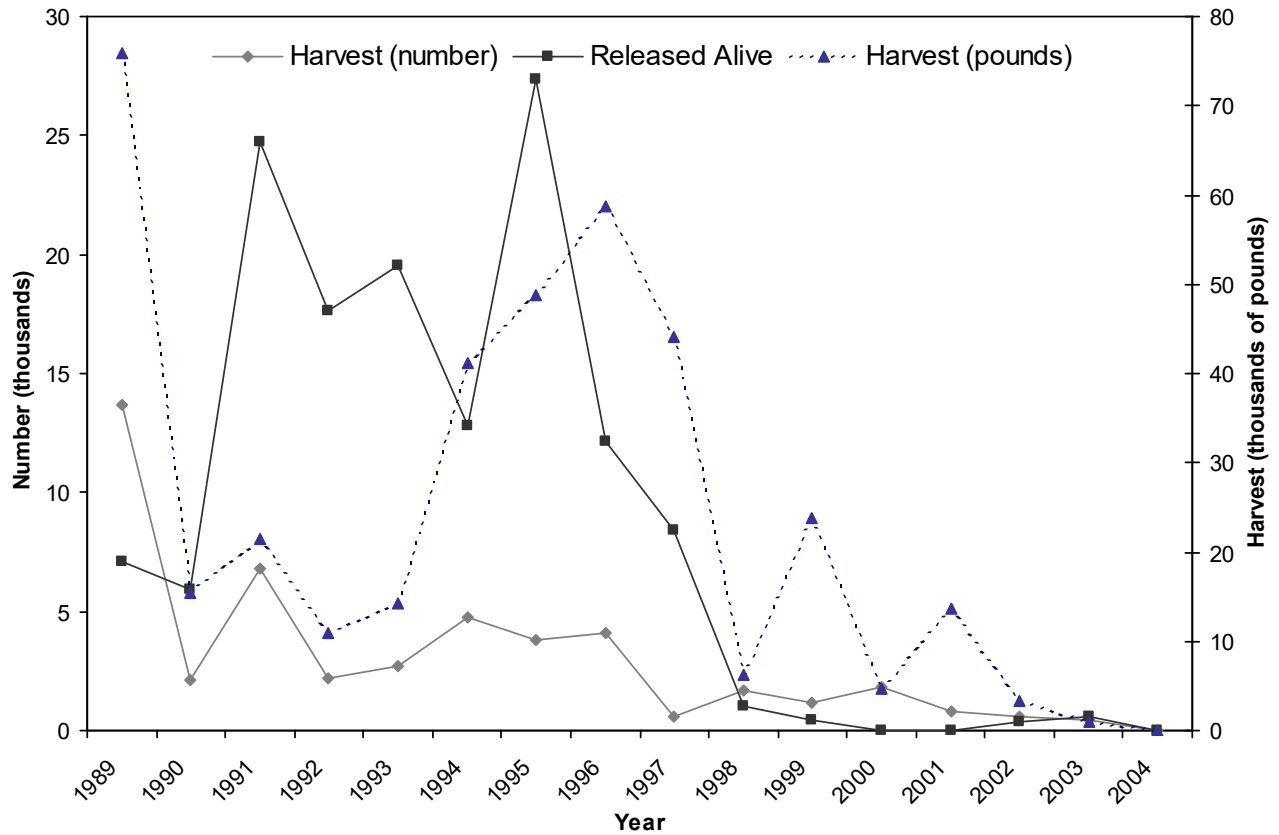


Figure 69. Large coastal shark recreational catch in North Carolina by year, 1989-2004.

Table 103. Large coastal shark recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	13,678	34	75,964	11	26.1	10.8	36	7,079	45
1990	2,140	25	15,362	25	27.6	7.5	36	5,900	65
1991	6,817	24	21,455	28	22.4	4.0	40	24,716	31
1992	2,180	26	11,008	37	32.7	6.8	49	17,656	44
1993	2,687	34	14,323	39	33.6	7.9	55	19,562	35
1994	4,780	24	41,244	27	34.7	8.8	36	12,837	33
1995	3,833	24	48,852	31	37.3	16.3	41	27,347	30
1996	4,067	31	58,658	42	40.6	14.3	51	12,182	24
1997	599	56	44,152	3	65.4	88.2	65	8,447	33
1998	1,692	39	6,250	51	27.3	8.4	66	1,029	44
1999	1,160	46	23,768	88	36.2	32.9	93	453	100
2000	1,851	49	4,667	-	30.1	8.6	-	0	-
2001	801	81	13,695	65	28.8	18.1	92	0	-
2002	567	99	3,311	99	25.3	6.0	98	353	100
2003	405	91	1,012	91	-	2.4	100	552	100
2004	0	-	0	-	-	-	-	0	-

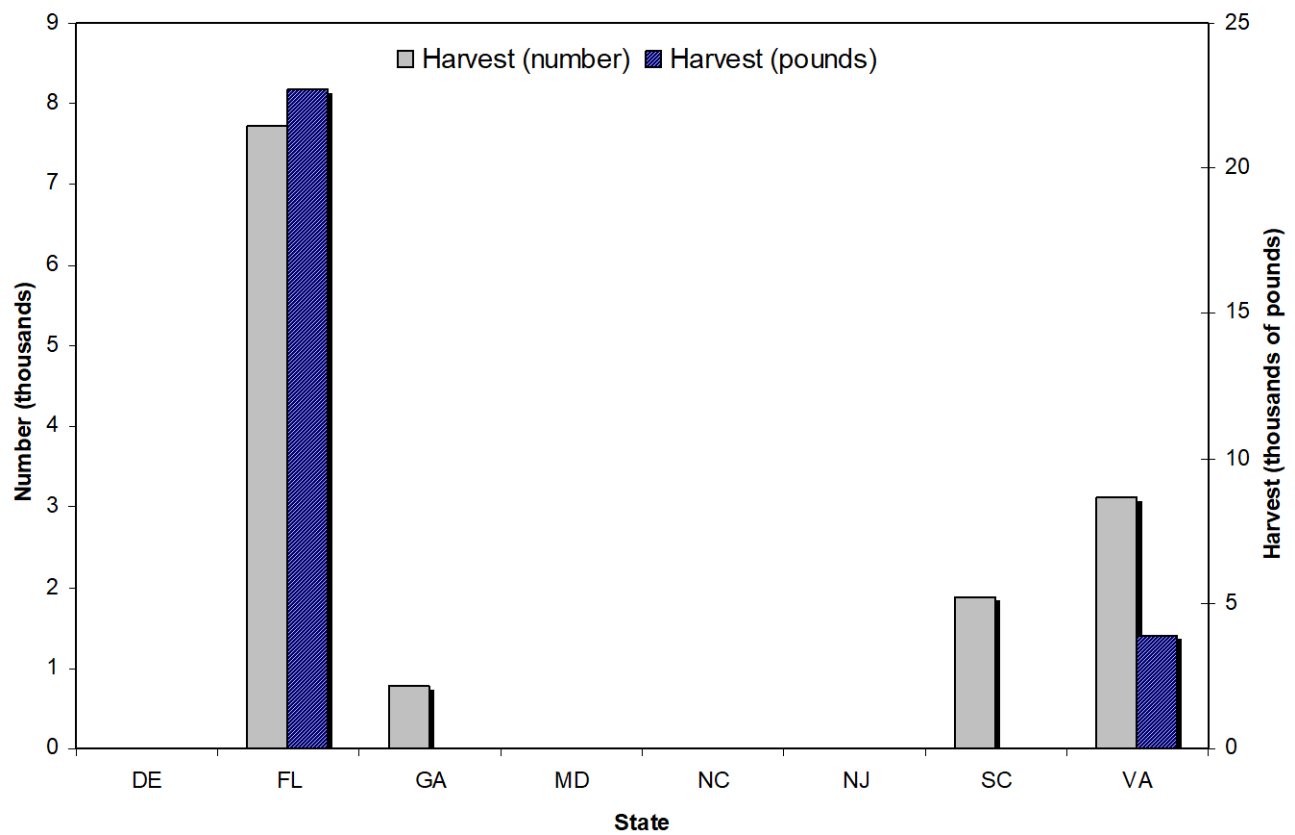


Figure 70. Large coastal shark recreational harvest by state, 2004.

Table 104. Large coastal shark recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	0	-	0	-	0.0	0.0	-
East Florida	7,721	35	22,710	-	43.6	11.9	-
Georgia	779	73	-	-	-	-	-
Maryland	0	-	0	-	0.0	0.0	-
North Carolina	0	-	0	-	-	-	-
New Jersey	0	0	0	-	0.0	0.0	0
South Carolina	1,892	72	-	-	46.8	-	-
Virginia	3,121	57	3,924	-	22.0	4.4	-

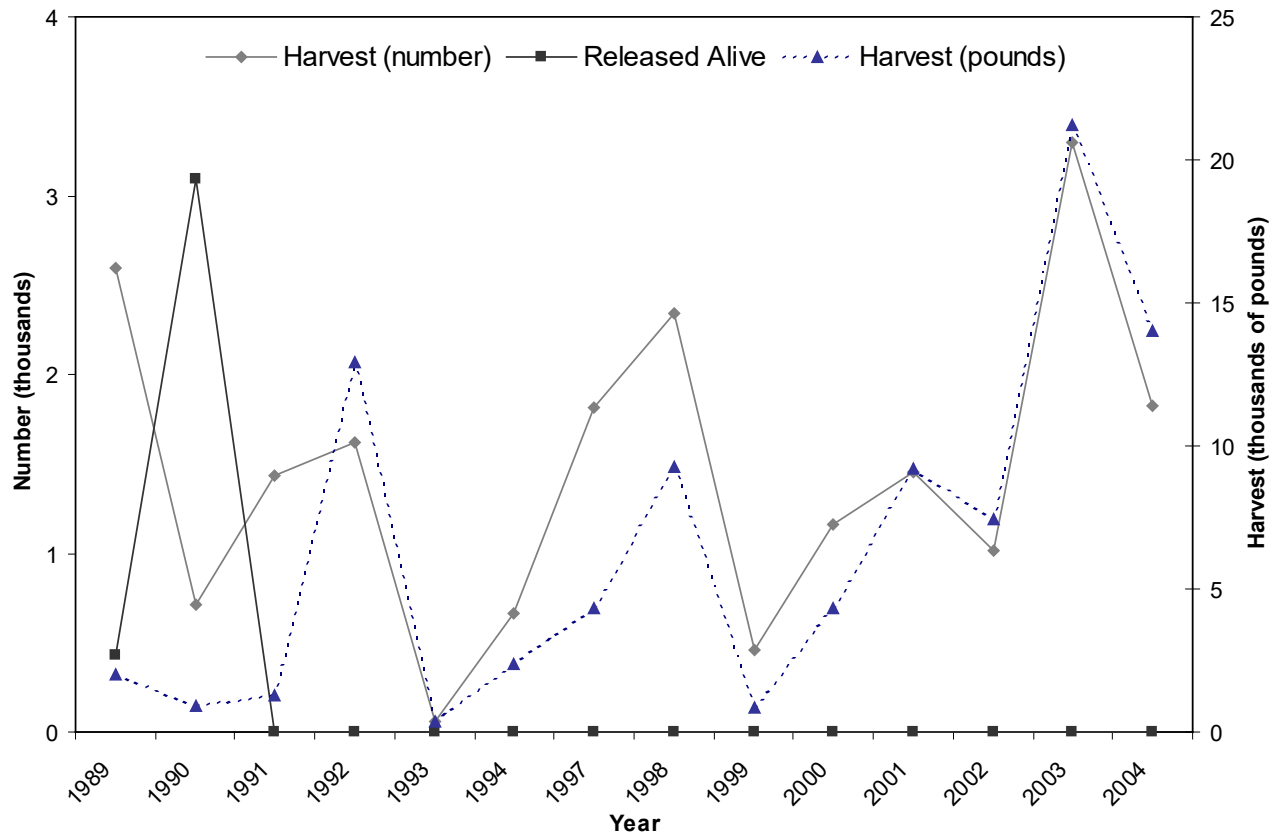


Figure 71. Small coastal shark recreational catch in North Carolina by year, 1989-2004.

Table 105. Small coastal shark recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	2,600	49	2,004	41	16.0	0.7	71	425	72
1990	709	56	926	50	22.0	2.0	80	3,088	99
1991	1,438	42	1,268	42	15.3	0.9	56	0	-
1992	1,620	46	12,904	46	37.4	7.9	61	0	-
1993	55	100	375	100	0.0	6.8	100	0	-
1994	662	55	2,403	24	28.9	5.1	75	0	-
1997	1,810	84	4,310	71	17.9	2.4	91	0	-
1998	2,343	56	9,286	47	19.2	4.0	68	0	-
1999	463	75	862	68	20.0	1.8	93	0	-
2000	1,157	72	4,358	94	30.2	5.5	100	0	-
2001	1,454	42	9,237	42	30.2	6.4	56	0	-
2002	1,019	43	7,421	48	28.2	7.3	61	0	-
2003	3,297	39	21,248	44	31.2	6.8	58	0	-
2004	1,828	51	14,043	52	0.0	7.7	68	0	-

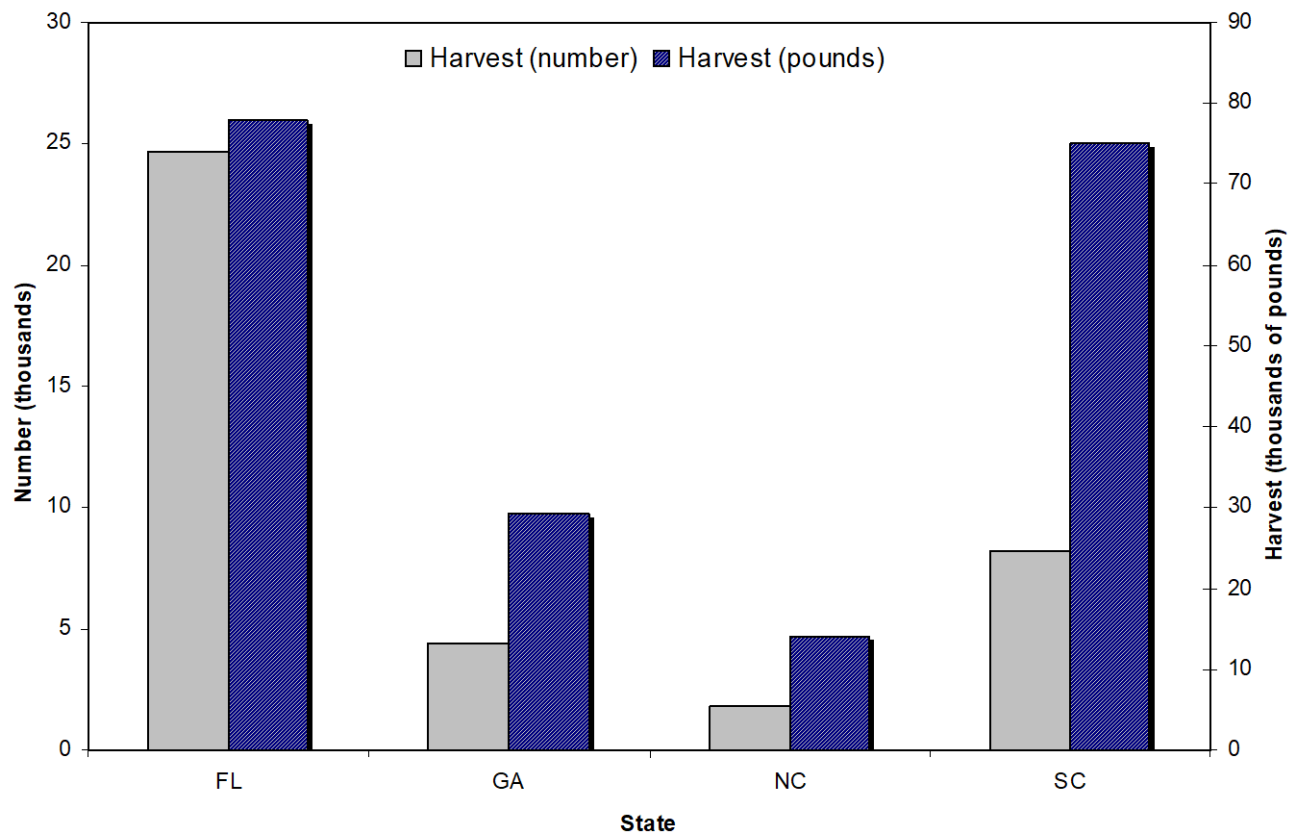


Figure 72. Small coastal shark recreational harvest by state, 2004.

Table 106. Small coastal shark recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
East Florida	24,685	37	77,913	35	29.7	7.9	45
Georgia	4,429	29	29,121	32	30.6	7.5	42
North Carolina	1,828	51	14,043	52	-	7.7	68
South Carolina	8,230	50	75,128	29	27.4	9.3	55

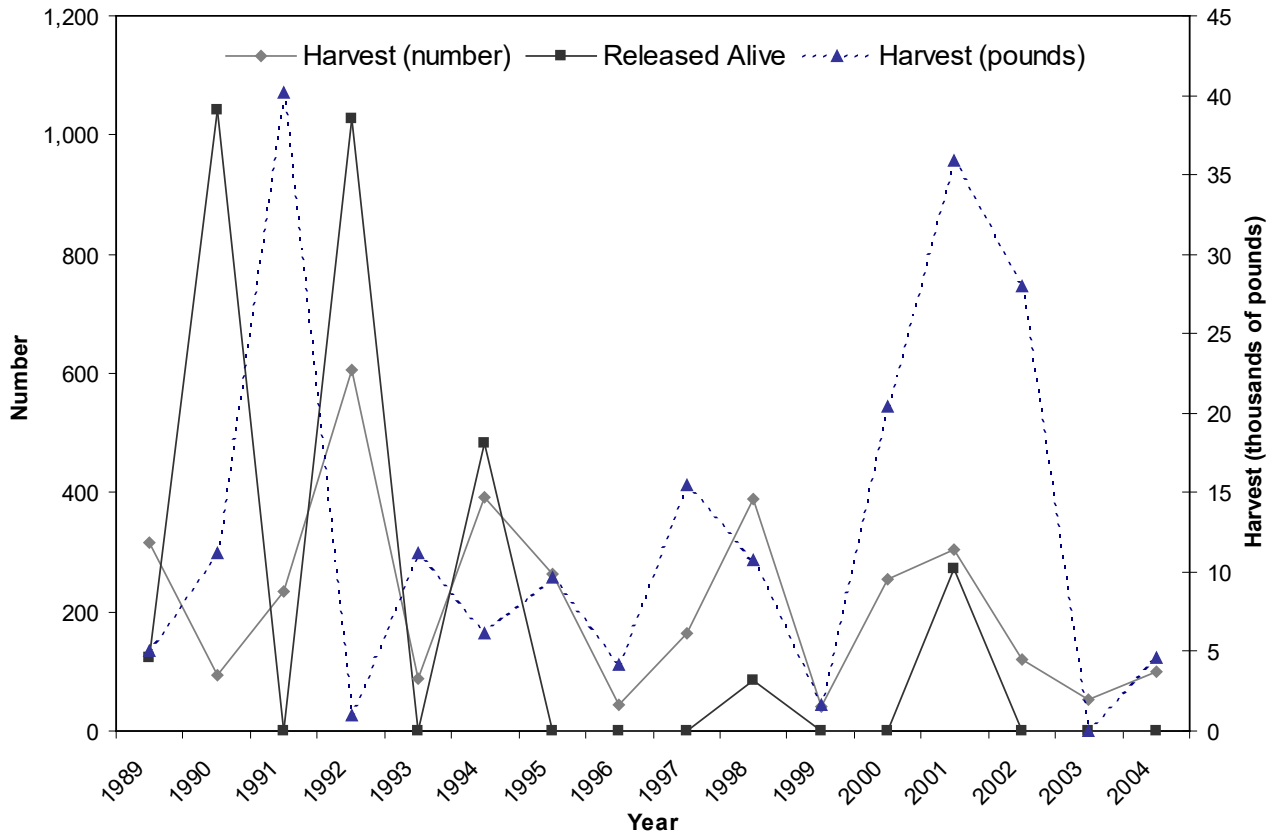


Figure 73. Pelagic shark recreational catch in North Carolina by year, 1989-2004.

Table 107. Pelagic shark recreational catch in North Carolina by year, 1989-2004.

Year	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE	Released Alive	PSE
1989	317	70	5,031	-	35.1	15.9	-	122	86
1990	95	74	11,224	77	66.8	117.7	90	1,043	100
1991	235	33	40,150	58	71.3	170.7	64	-	-
1992	606	63	1,016	-	40.9	26.5	-	1,027	100
1993	88	61	11,199	-	70.6	127.4	-	-	-
1994	391	90	6,168	-	37.2	15.9	-	482	72
1995	262	42	9,639	47	45.9	36.8	60	-	-
1996	45	99	4,156	-	67.0	93.3	-	-	-
1997	164	59	15,518	-	78.6	154.4	-	-	-
1998	388	37	10,767	-	34.0	39.5	-	84	73
1999	42	100	1,660	-	40.4	39.5	-	-	-
2000	254	47	20,368	-	47.9	80.0	-	-	-
2001	305	41	35,900	47	67.8	163.4	65	272	100
2002	121	72	28,005	-	95.4	231.5	-	-	-
2003	52	100	-	-	-	-	-	-	-
2004	100	76	4,601	-	72.1	151.3	-	-	-

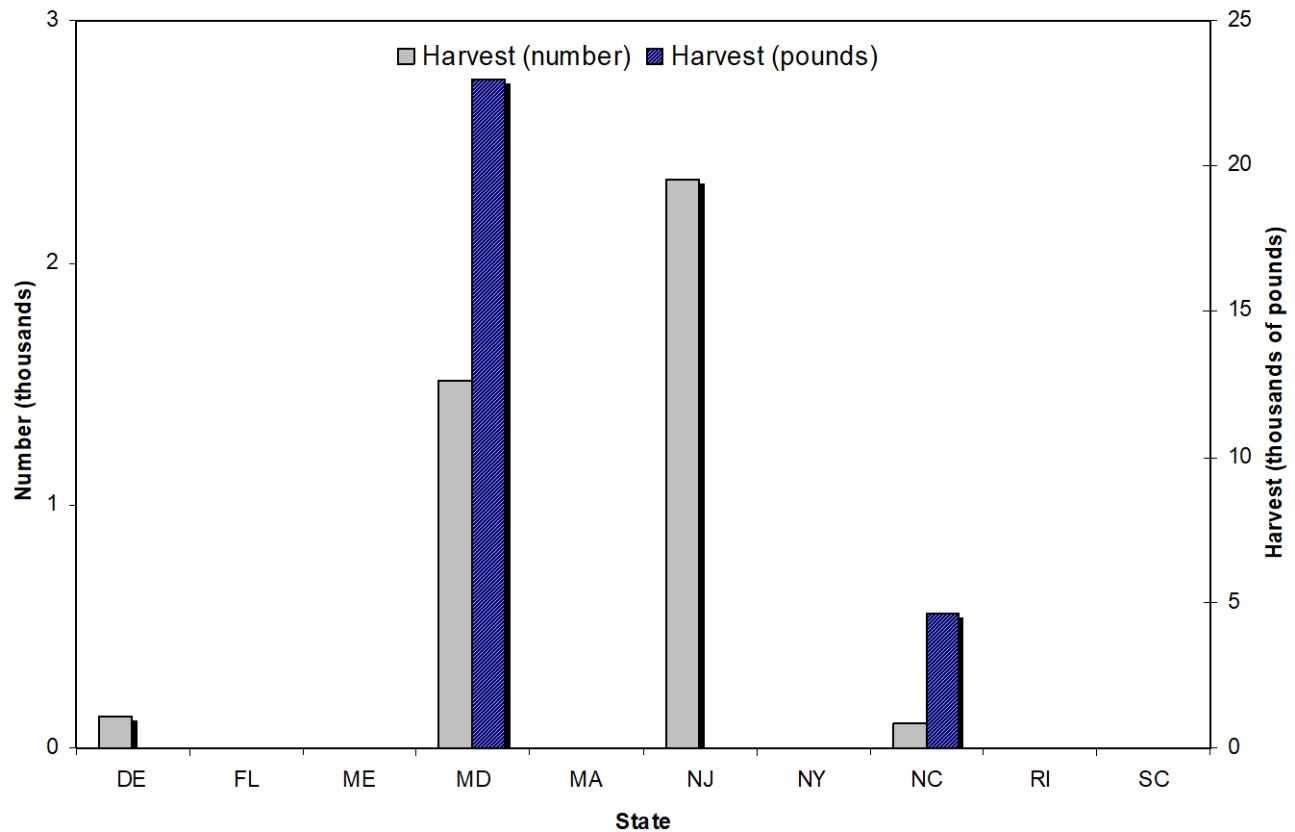


Figure 74. Pelagic shark recreational harvest by state, 2004.

Table 108. Pelagic shark recreational catch by state, 2004.

State	Harvest (number)	PSE	Weight (pounds)	PSE	Mean Length (inches)	Mean Weight (pounds)	PSE
Delaware	131	60	-	-	15.1	-	-
East Florida	-	-	-	-	-	-	-
Maine	-	-	-	-	-	-	-
Maryland	1,516	64	22,934	-	41.3	37.3	-
Massachusetts	-	-	-	-	-	-	-
New Jersey	2,346	94	-	-	-	-	-
New York	-	-	-	-	-	-	-
North Carolina	100	76	4,601	-	72.1	151.3	-
Rhode Island	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-

Table 109. North Carolina Division of Marine Fisheries highly migratory species landing summary, 2003.

Date	Port	Trip Type	Tournament	Species	Length (inches)	Weight (pounds)
17-May	Morehead City	Charter	No	Swordfish	58.00	-
24-May	Morehead City	Charter	Yes	Blue Marlin	106.75	518.0
06-Jun	Morehead City	Charter	No	Blue Marlin	113.50	593.0
10-Jun	Morehead City	Private	Yes	Blue Marlin	116.25	603.5
10-Jun	Morehead City	Charter	Yes	Blue Marlin	116.50	677.0
10-Jun	Morehead City	Private	Yes	Blue Marlin	110.00	488.0
10-Jun	Morehead City	Private	Yes	Blue Marlin	103.00	361.5
10-Jun	Morehead City	Charter	Yes	Blue Marlin	110.50	503.0
10-Jun	Morehead City	Private	Yes	Blue Marlin	113.00	539.0
10-Jun	Morehead City	Private	Yes	Blue Marlin	115.50	534.5
12-Jun	Morehead City	Charter	Yes	Blue Marlin	117.00	528.0
15-Jul	Oregon Inlet	Charter	No	White Marlin	68.50	-
15-Jul	Oregon Inlet	Charter	No	White Marlin	68.00	-
01-Aug	Oregon Inlet	Charter	Yes	Blue Marlin	107.00	440.5
01-Aug	Oregon Inlet	Charter	Yes	Blue Marlin	117.25	470.5
15-Aug	Oregon Inlet	Charter	Yes	Blue Marlin	121.50	671.5
15-Aug	Oregon Inlet	Charter	Yes	Blue Marlin	93.75	244.0
16-Aug	Oregon Inlet	Charter	No	Blue Marlin	112.00	516.0
25-Aug	Oregon Inlet	Charter	No	Blue Marlin	127.00	760.0

Table 110. North Carolina Division of Marine Fisheries highly migratory species landing summary, 2004.

Date	Port	Trip Type	Tournament	Species	Length (inches)	Weight (pounds)
08-May	Morehead City	Charter	No	Blue Marlin	111.75	458.0
09-May	Oregon Inlet	Charter	No	Blue Marlin	113.00	525.0
08-Jun	Oregon Inlet	Charter	No	Blue Marlin	105.00	387.0
14-Jun	Morehead City	Charter	Yes	Blue Marlin	115.00	555.0
14-Jun	Morehead City	Charter	Yes	Blue Marlin	105.00	454.0
14-Jun	Morehead City	Charter	Yes	Blue Marlin	106.00	421.0
10-Aug	Oregon Inlet	Charter	Yes	Blue Marlin	118.00	496.0
29-Aug	Oregon Inlet	Charter	No	Blue Marlin	127.00	760.5

Table 111. North Carolina recreational Atlantic bluefin tuna (ABT) landings, January 1999 through April 11, 2005.

Time Period	Hatteras		Morehead		Ocracoke		Wilmington		Total	
	Number Landed	Metric Tons	Number Landed	Metric Tons	Number Landed	Metric Tons	Number Landed	Metric Tons	Number Landed	Metric Tons
01/99 - 05/99*	154	6.7	23	1.8	3	0.2	1	0.04	181	8.7
06/01/99 - 05/31/00	447	26.3	118	8.2	5	0.2	1	0.10	571	34.8
06/01/00 - 05/31/01	103	7.9	162	12.7	3	0.7	10	0.70	278	22.0
06/01/01 - 05/31/02	86	6.5	229	20.8	0	0.0	0	0.00	315	27.3
06/01/02 - 05/31/03	26	2.7	155	15.1	0	0.0	1	0.10	182	17.9
06/01/03 - 11/01/03	0	0.0	0	0.0	0	0.0	0	0.00	0	0.0
12/08/04 - 04/11/05	1	0.1	48	4.8	0	0	0	0	49	4.9

* Does not include trophy category.

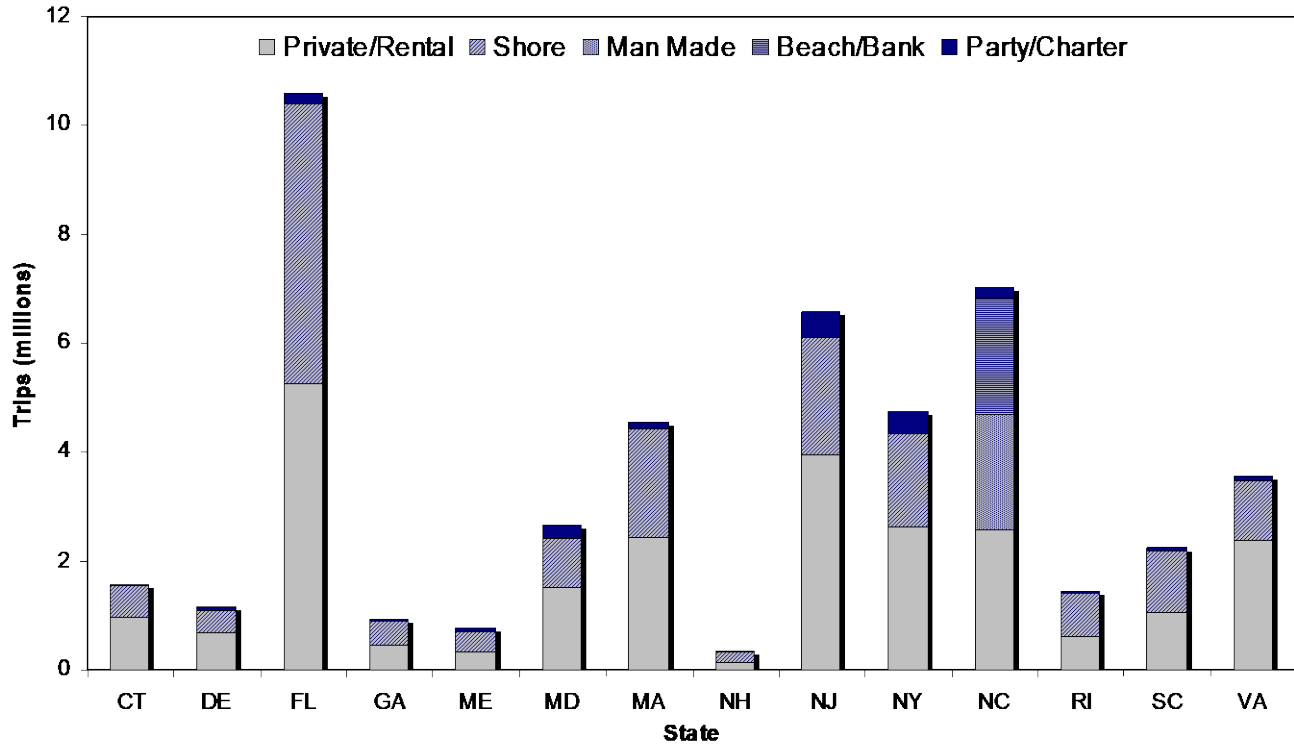


Figure 75. Atlantic Coast saltwater fishing trips by state and mode, 2004.

Table 112. Atlantic Coast saltwater fishing trips by state and mode, 2004.

State	Number of Trips					Total
	Shore	Party/Charter	Private/Rental	Man Made	Beach/Bank	
Connecticut	588,035	40,468	950,735	-	-	1,579,238
Delaware	443,859	56,297	662,832	-	-	1,162,988
Florida	5,135,568	179,481	5,272,912	-	-	10,587,961
Georgia	473,859	18,526	436,992	-	-	929,377
Maine	401,107	52,098	307,287	-	-	760,492
Maryland	910,120	250,795	1,506,745	-	-	2,667,660
Massachusetts	1,959,842	154,785	2,454,493	-	-	4,569,120
New Hampshire	181,049	39,648	139,915	-	-	360,612
New Jersey	2,149,735	468,865	3,961,775	-	-	6,580,375
New York	1,717,343	399,045	2,626,978	-	-	4,743,366
North Carolina	-	177,380	2,567,015	2,128,246	2,152,035	7,024,676
Rhode Island	802,327	45,140	596,512	-	-	1,443,979
South Carolina	1,129,216	39,284	1,067,129	-	-	2,235,629
Virginia	1,076,540	94,122	2,387,314	-	-	3,557,976

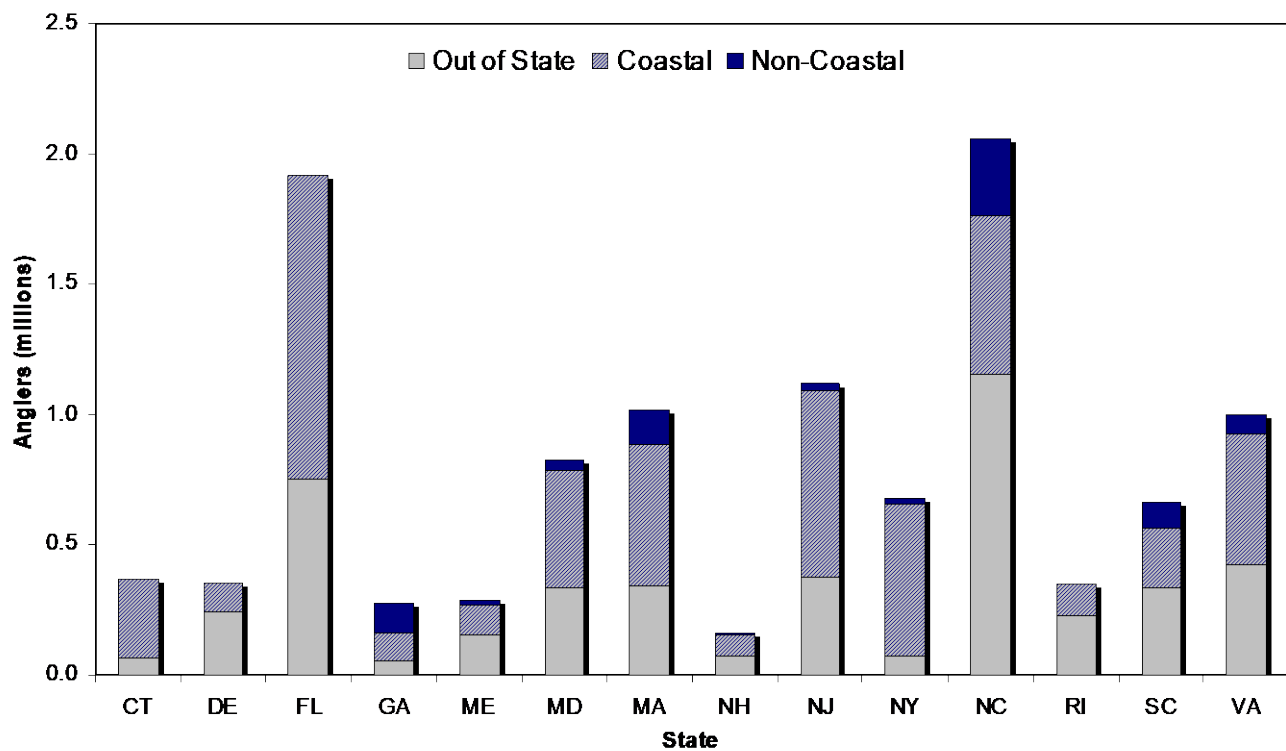


Figure 76. Atlantic Coast saltwater anglers by state and type, 2004.

Table 113. Atlantic Coast saltwater anglers by state and type, 2004.

State	Coastal	PSE	Non Coastal	PSE	Out of State	PSE	Total	PSE
Connecticut	304,068	12	0	0	65,380	16	369,448	10
Delaware	115,241	7	0	0	238,550	8	353,791	6
Florida	1,168,983	4	0	0	749,244	5	1,918,226	3
Georgia	103,931	11	117,949	21	53,811	22	275,691	11
Maine	111,439	13	20,809	21	155,187	15	287,434	10
Maryland	448,126	7	36,974	14	336,012	8	821,111	5
Massachusetts	540,315	7	132,986	10	344,235	8	1,017,535	5
New Hampshire	80,709	17	11,562	20	71,118	19	163,388	12
New Jersey	715,803	6	29,995	16	373,696	7	1,119,494	4
New York	582,591	8	19,105	21	75,118	14	676,814	7
North Carolina	613,351	5	290,080	8	1,151,984	6	2,055,415	4
Rhode Island	124,160	8	0	0	227,295	9	351,455	6
South Carolina	225,858	10	101,034	14	334,880	13	661,772	8
Virginia	504,495	5	69,111	11	423,167	7	996,773	4

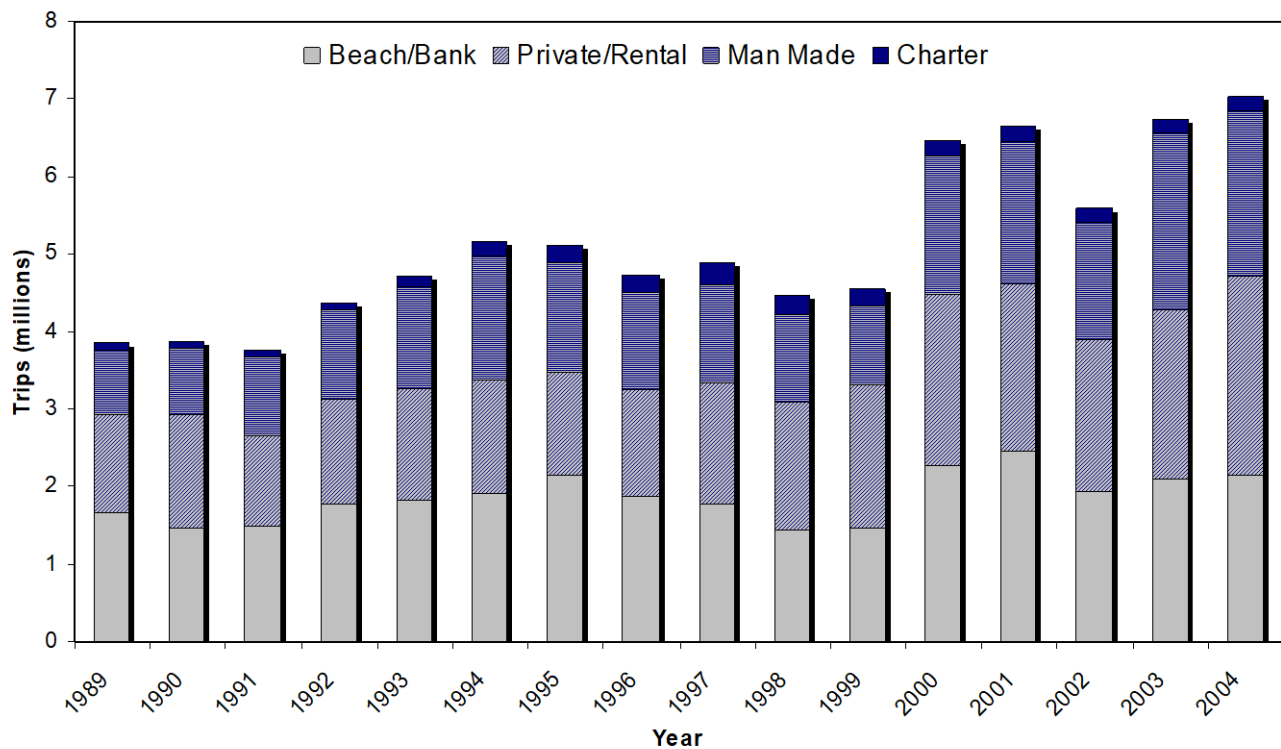


Figure 77. Saltwater fishing trips in North Carolina by year and mode, 1989-2004.

Table 114. Saltwater fishing trips in North Carolina by year and mode, 1989-2004.

Year	Number of Trips								
	Beach/Bank	PSE	Charter	PSE	Man Made	PSE	Private/Rental	PSE	Total
1989	1,658,397	12	92,905	17	824,415	10	1,273,180	6	3,848,897
1990	1,472,968	11	87,141	17	852,731	9	1,455,095	5	3,867,935
1991	1,497,278	11	96,819	12	1,017,651	8	1,150,644	5	3,762,392
1992	1,773,025	8	95,019	11	1,135,564	6	1,368,396	3	4,372,004
1993	1,832,538	8	130,929	8	1,316,431	6	1,436,184	4	4,716,082
1994	1,904,294	8	186,188	10	1,595,701	6	1,483,954	4	5,170,137
1995	2,144,338	8	214,238	7	1,432,925	6	1,315,166	3	5,106,667
1996	1,865,242	8	240,970	8	1,245,056	7	1,390,553	4	4,741,821
1997	1,772,884	7	295,820	8	1,252,716	6	1,570,089	4	4,891,509
1998	1,446,621	9	241,001	7	1,135,830	7	1,638,009	4	4,461,461
1999	1,459,571	9	221,369	7	1,013,535	9	1,860,564	4	4,555,039
2000	2,267,348	9	193,056	8	1,775,565	9	2,224,041	5	6,460,010
2001	2,446,598	9	201,731	8	1,832,293	7	2,168,925	4	6,649,547
2002	1,946,451	8	183,262	7	1,515,529	7	1,940,880	4	5,586,122
2003	2,102,022	8	173,573	8	2,277,182	7	2,180,687	5	6,733,464
2004	2,152,035	9	177,380	7	2,128,246	9	2,567,015	5	7,024,676

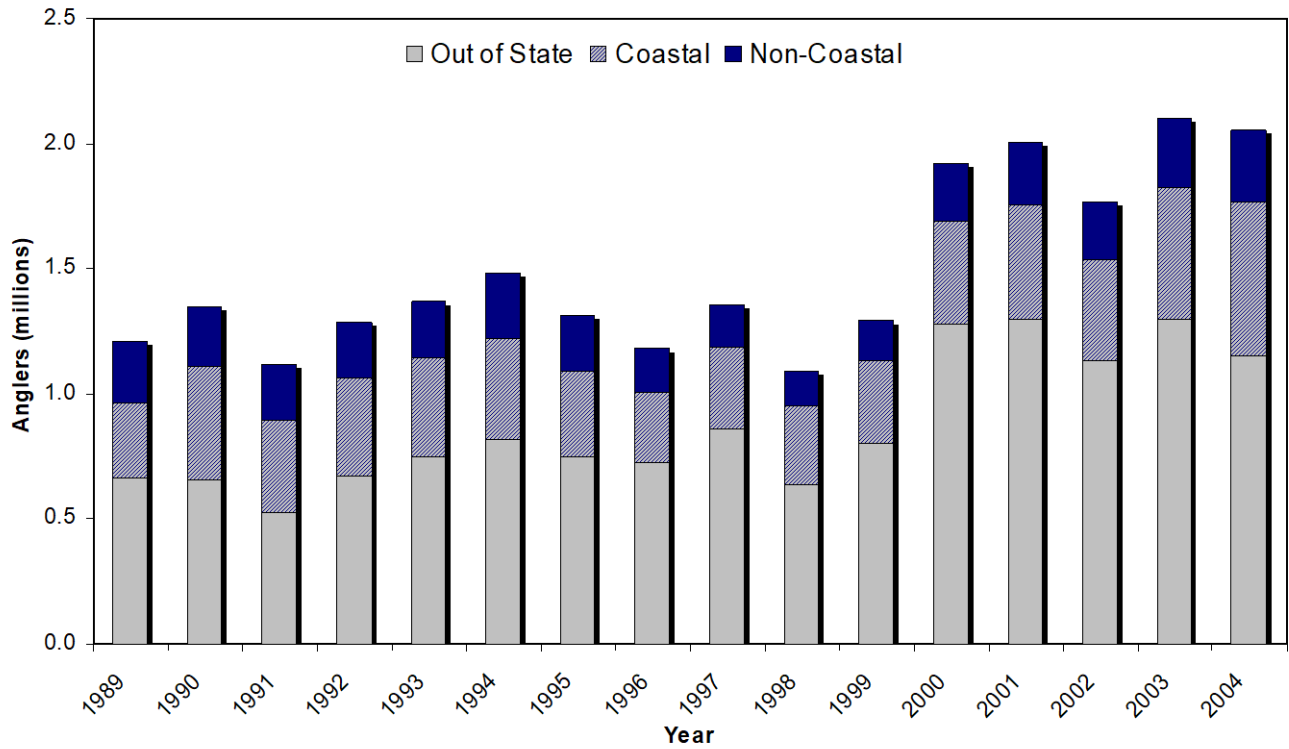


Figure 78. Saltwater anglers in North Carolina by year and type.

Table 115. Saltwater anglers in North Carolina by year and type.

Year	Coastal	PSE	Non Coastal	PSE	Out of State	PSE	Total	PSE
1989	300,976	6	243,690	14	663,151	15	1,207,817	9
1990	451,991	6	235,135	14	658,077	13	1,345,202	7
1991	368,596	5	227,230	14	523,313	13	1,119,139	7
1992	389,466	4	226,126	9	669,137	9	1,284,730	5
1993	398,345	4	223,772	9	744,590	9	1,366,707	5
1994	408,851	4	255,691	9	815,328	8	1,479,870	5
1995	342,632	4	223,424	5	744,412	5	1,310,468	3
1996	276,262	4	179,469	6	726,828	5	1,182,560	3
1997	329,909	4	166,104	5	859,110	5	1,355,123	3
1998	312,246	5	143,355	6	635,197	5	1,090,798	3
1999	324,091	5	164,398	6	804,561	5	1,293,051	4
2000	415,535	5	229,143	7	1,277,102	6	1,921,780	4
2001	453,932	5	251,382	6	1,301,346	5	2,006,661	4
2002	409,410	5	225,814	6	1,129,980	5	1,765,205	4
2003	523,825	5	280,868	6	1,298,232	5	2,102,925	4
2004	613,351	5	290,080	8	1,151,984	6	2,055,415	4

Appendix 6. North Carolina MRFSS sampling locations.

Site #	Site Name	Location
Dare County		
0026	Buxton Beach	Buxton
0126	Mann's Harbor Marina (Hwy 64/264)	Mann's Harbor
0150	Oregon Inlet Fishing Center	Oregon Inlet
0157	New Bridge St. Ramp (Colington Cntr)	Kill Devil Hills
0195	Private Boat Club (So. Shores Marina)	Kitty Hawk
0206	Teach's Lair Island Yacht Club	Hatteras
0226	Willis Boat Landing (Pamlico Sound)	Hatteras
0254	Village Marina Motel (Rt 12)	Hatteras
0262	Oregon Inlet South	Oregon Inlet
0264	Cape Point (4-WD)	Hatteras
0265	Hatteras Inlet (4-WD)	Hatteras
0326	Little Bridge Fishing Center and Pier	Roanoke Island
0328	Manteo Waterfront	Manteo
0394	Nags Head Fishing Pier (Rt 12)	Nags Head
0410	Headquarters Area (Pea Island NWR)	Pea Island
0415	Avalon Pier (Kitty Hawk Area)	Kitty Hawk
0419	Cape Hatteras Pier (Frisco)	Hatteras
0423	Hatteras Fishing Pier (Rodanthe)	Hatteras
0427	Jeanette's Ocean Fishing Pier	Bodie Island
0428	Kitty Hawk Fishing Pier	Kitty Hawk
0433	Outer Banks Pier	S. Nags Head
0450	Oregon Inlet Bridge	Oregon Inlet
0474	Hatteras Harbor Marina	S. Hatteras
0498	Wildlife Ramp (Rt 158)	Kitty Hawk Bay
0500	Oregon Inlet North Shore (NPS)	Oregon Inlet
0501	Pirates Cove Marina (Rt 64)	Manteo-Nags Head
0503	Salty Dawg Marina (Rt 64)	Manteo-Nags Head
0569	Dare County Public Boat Ramp (Rt 345)	Wanchese
0570	Peter Mashoes Creek Landing (SR 1113)	Marshoes
0571	Wildlife Resources Ramp (SR 1113)	Marshoes
0574	Beach Access Ramp 20	Rodanthe
0575	Beach Access Ramp 23	Salvo
0576	Beach Access Ramp 27	
0577	Beach Access Ramp 30	
0578	Beach Access Ramp 34	Avon
0579	Beach Access Ramp 38	S. Avon
0630	Wildlife Ramp (off Hwy 64E)	Alligator River
0653	Oden's Dock	Hatteras

Appendix 6. North Carolina MRFSS sampling locations (continued).

Site #	Site Name	Location
Dare County		
0670	Avon Fishing Pier (Hwy 12)	Avon
0705	Calvin Street Walk Over	Kill Devil Hills
0706	First Street	Kill Devil Hills
0080	WRC Ramp Roanoke Island	Manteo
0801	Public Beach Access (E. Gulfstream St)	S. Nags Head
0802	Public Beach Access (E. Bonnett St)	Nags Head
0803	Public Beach Access (E. Forest St)	Nags Head
0804	Off Island Roanoke Snd (behind lighthse)	S. Nags Head
0805	Public Beach Access (E. Epstein St)	Nags Head
0808	Ramp 49	Frisco
0809	Stumpy Point WRC Ramp	Stumpy Point
0810	Thicket Lump Marina (Davis Yacht Facility)	Wanchese
0812	County Line Bridge (Hwy 264)	Long Shoal
0850	Hatteras Landing Marina (next to ferry)	Hatteras
Hyde County		
0046	Clarks Marina	Swanquarter
0090	Harborside Motel and Ramp	Ocracoke
0111	O'Neils Dock	Ocracoke
0171	Rose Bay Marina and Grocery	Scranton
0400	Ocracoke Inlet Beach N and S	Ocracoke
0454	Fisherman's Wharf Marina	Swanquarter
0463	Wildlife Ramp (Pecan Grove)	Swanquarter
0465	Swanquarter Wildlife Refuge and Pier	Swanquarter
0520	Big Trout Marina	Engelhard
0521	Hatteras Inlet Beach	Ocracoke
0545	Germantown Camp (SR 1140)	Scranton
0550	Jarvis Motel and Marina	Swanquarter
0632	Wildlife Ramp (Hwy 264)	Engelhard
0684	Silver Lake Boat Basin (Drum Charters)	Ocracoke
0690	Ocracoke Public Access Ramp	Ocracoke
0900	Anchorage Marina (Silver Lake)	Ocracoke
Currituck County		
0806	Corolla Beach Access Ramp (Rt 12)	Corolla
0807	WRC Public Access	Popular Branch
Tyrell County		
0022	Bull's Bay Boatel (Rt 2)	Columbia
0183	Wildlife Ramp on Alligator River	

Appendix 6. North Carolina MRFSS sampling locations (continued).

Site #	Site Name	Location
Beaufort County		
0004	Pamlico Marina	Bath
0250	Pantego Creek Marina	Belhaven
0477	Belhaven City Ramp	Belhaven
0489	South of Pantego Creek Bridge	Belhaven
0493	Pungo River bank (near CeeBee)	Belhaven
0505	CeeBee Marina	Belhaven
0507	Leechville Ramp (Hwy 264)	Belhaven
0530	Durham's Creek Ramp	(SR 1954)
0531	Goose Creek Park Ramp	(SR 1365)
0532	Campbell's Creek Wildlife Ramp	(HWY 33)
0538	Hwy 17 Bridge (Night activity)	Washington
0539	City Ramp	Washington
0551	Jordan's Seafood Boat Ramp	Wright's Creek
0552	Bath Bridge	Bath
Carteret County		
0002	Anchorage Marina	Atlantic Beach
0012	Calico Jackson's Inn	Harkers Island
0064	Dudley's Gulf Auto-Marine SVC	Swansboro
0072	Fisherman's Inn	Harkers Island
0083	Harkers Island fishing Center	Harkers Island
0139	Morehead Sports Marina (Radio Island)	Beaufort
0140	Morris Kabin Kamp and Marina (Atlantic)	Core Sound
0202	Swansboro Yacht Basin/Flying Bridge Marina	Swansboro
0215	Triple-Ess Marina(Hwy 58-Bogue Banks)	Atlantic Beach
0237	Atlantic Beach Causeway Marina	Atlantic Beach
0240	Crows Nest Marina (Morehead-Atlantic)	Atlantic Beach
0268	Atlantic Beach, NC (Bogue Banks)	Morehead City
0311	Duke Marine Lab and NOAA Lab	Piver's Island
0390	Morehead City Municipal Dock	Morehead City
0393	Camp Glen (Hwy 70)	Morehead City
0417	Bogue Inlet Fishing Pier	Emerald Isle
0425	Indian Beach Fishing Pier	Indian Beach
0426	Iron Steamer Resort Pier (Pine Knoll Shores)	Atlantic Beach
0434	Oceana Fishing Pier	Atlantic Beach
0441	Sportsman's Pier	Atlantic Beach
0443	Triple "S" Fishing Pier	Atlantic Beach
0467	Island Harbor Marina	Emerald Isle
0468	Fort Macon State Park	Atlantic Beach
0469	Wildlife Access Ramp (NC 24)	Swansboro
0494	Emerald Isle Public Access Area	Emerald Isle

Appendix 6. North Carolina MRFSS sampling locations (continued).

Site #	Site Name	Location
Carteret County		
0541	Beaufort Bridge	Gallant Channel
0542	Front Street	Beaufort
0548	Captain Stacy Fishing Center	Atlantic Beach
0612	Seagate Marina (SR1161)	Core Creek
0613	Marshallberg Ramp (SR1161)	Marshallberg
0614	Harker's Island Bridge (SR 1335)	Harkers Island
0615	Seventy West Marina	Morehead City
0616	Mason's Marina	Core Creek
0617	Sportsman's Village (SR 1318)	South River
0618	Monroe Gaskils (Hwy 12)	Cedar Island Bay
0619	Radio Island Marina	Morehd-Beaufort
0620	Coral Bay Marina	Morehead City
0621	Ward Creek Bridge	Hwy 70
0622	North River Bridge	Hwy 70
0623	Oyster Creek Bridge(Hwy 70)	Davis
0624	Smyrna Creek Bridge (Hwy 70)	Williston
0625	Williston Creek Bridge	Williston
0626	Thorofare Ramp (Hwy 12)	Cedar Island
0627	Eugene Willis Texaco	Atlantic
0628	Barbour's Harbor Marina (SR 1335)	Harkers Island
0634	Bailey's Marina (Causeway)	Atlantic Beach
0635	Fisherman's Inn (Causeway)	Atlantic Beach
0639	Sea Water Marina	Atlantic Beach
0640	Radio Island Causeway Pier	Morehead-Beaufort
0642	Radio Island Beach	Morehead-Beaufort
0648	Osprey Oaks Marina	Broad Creek
0649	Fort Macon Marina	Atlantic Beach
0650	Sheraton Pier	Bogue Banks
0651	Alger Willis Fishing Camp	Davis
0671	Harkers Island Pier	Harkers Island
0691	Stella Municipal Ramp (White Oak River)	Stella
0693	Waterway Marina (NC 24)	Cedar Point
0694	Waterway RV Park (off NC 24)	Cedar Point
0695	Goose Creek Resort (off NC 24)	Ocean
0696	Cedar Point Villas Marina	Cedar Point
0702	Carteret Co. Sportfishing Ramp	Beaufort
0703	Cedar Island NWR Ramp (SR 1388)	Cedar Island
0704	Cedar Creek Campgr. and Marina	Sea Level
0810	Morehead City Yacht Basin	Morehead City
0825	The Reef	Atlantic Beach

Appendix 6. North Carolina MRFSS sampling locations (continued).

Site #	Site Name	Location
Craven County		
0216	Union Point Marina (Trent River)	New Bern
0543	Wildlife Ramp (SR 1490)	Bridgeton
0544	Wildlife Ramp (SR 1717)	Hancock Creek
0666	Hancock Marina, MCAS	Cherry Point
0667	Ordinance Point Boat Ramp, MCAS	Cherry Point
0668	Pelican Point Marina	Cherry Point
0669	Slocum Creek Marina	Cherry Point
Onslow County		
0001	Salt's Pier	N. Topsail Beach
0023	Bull's Place (Hwy 24, White Oak)	Swansboro
0038	Casper Marine Service (Swansboro ICW)	White Oak River
0055	New River Marina (New River Inlet)	Sneads Ferry
0063	Onslow Co. Public Access #1 (Seahaven)	Surf City
0116	Tide Line Marina (52 Kerr St, New River)	Jacksonville
0161	Shell Rock Landing (SR 1503, ICW)	Bogue Inlet
0209	Nancy Lee's Sportfishing Center (Hwy 24)	Swansboro
0241	Gilliam's S. Dunn - Swan Point Marina	Sneads Ferry
0341	Sneads Ferry Marina	Sneads Ferry
0407	Swansboro Bicentennial Park	Swansboro
0506	Beach/Bank at Topsail	Ocean City
0525	Access at New River Inlet Drive	Topsail Island
0536	Bull's Place (Hwy 12)	Sneads Ferry
0637	Wildlife Ramp (Hwy 210)	
0660	Riseley Pier (off NC 172, Onslow Beach)	Camp Lejeune
0661	Onslow Beach Recreation Area	Camp Lejeune
0662	Gottschark Marina, Marine Corp Base	Camp Lejeune
0663	Court House Bay Marina	Camp Lejeune
0665	Base Marina, MAS, New River	New River
0672	New River Inlet, N. Topsail Island	Topsail Island
0673	New River Wildlife Ramp	Jacksonville
0674	Turkey Creek Wildlife Ramp	Folkstone
0679	Mile Hammock Bay (TLZ Bluebird)	Camp Lejeune
0680	Across from Rogers Bay Campground	Topsail Beach
0692	Hammock's Beach Mainland Park	Swansboro
0697	Hammock's Bch @ Park (SR 1511)	Swansboro
0698	ICW Bridge @ Onslow MCB	Camp Lejeune
0699	Onslow Beach Access #4	Topsail Shores
0700	French Creek	Camp Lejeune
0701	Hospital Point Recreation Area	Camp Lejeune

Appendix 6. North Carolina MRFSS sampling locations (continued).

Site #	Site Name	Location
Pamlico County		
0132	R. E. Mayo (ICW)	Hobucken
0151	Oriental Marina (Neuse River)	Oriental
0160	Radcliff's Marina (Bay River)	Bayboro
0331	Minnesott Pier	Minnesott
0340	River Neuse Pier	
0533	Oyster Creek Ramp (SR 1235)	Lowland
0534	Oriental Wildlife Ramp (SR 1308)	Oriental
0535	Dawson Creek Wildlife Ramp (SR 1302)	
New Hanover		
0019	Bradley Creek 66 Marina	Wrightsville Bch
0035	Carolina Beach	Carolina Beach
0223	Williams Boat Dock & Marina	Wilmington
0246	Johnson's Marine Inc. (Middle Sound Rd)	Wilmington
0274	Kure Beach	Kure
0302	Canady's Marina Service (Mason Lndng Rd)	
0396	Fort Fisher State Beach (Hwy 421)	
0406	Masonboro Inlet (Coast Guard Station)	Wrightsville Bch
0421	Crystal Pier	Wrightsville Bch
0430	Johnny Mercers Pier	Wrightsville Bch
0452	Kure Beach Pier	Wrightsville Bch
0475	NC State Park	Carolina Beach
0492	Wrightsville Beach Wildlife Ramp	Wrightsville Bch
0510	Beach Adjacent to Holiday Inn	Wrightsville Bch
0629	Atlantic Marine	Wrightsville Bch
0631	Bridge (S. end of Wrightsville Beach)	Wrightsville Bch
0645	Wrightsville Beach (N. end of Mason Inlet)	Wrightsville Bch
0646	Carolina Beach	Carolina Beach
0681	Fort Fisher State Park (Hwy 421)	Kure Beach
0682	Wildlife Ramp (Masonboro Sound)	Carolina Beach
0687	Bridge Tender Marina	Wrightsville Bch
0689	Carolina Beach NW Extension	Carolina Beach
0710	Mason's Marina	Wilmington
0711	Boat House Marina	Wilmington
0712	Dockside Marina	Wilmington
0751	Wildlife Ramp (Cape Fear Mem. Bridge)	Wilmington
0902	Carolina Beach Pier	Carolina Beach

Appendix 6. North Carolina MRFSS sampling locations (continued).

Site #	Site Name	Location
Pender County		
0002	Scott's Hill Marina	Scotts Hill
0025	Bush's Repair Center (Rt1)	Topsail Sound
0178	Surf City Beach/Bank (CAMA access)	Surf City
0405	New Topsail Inlet	Topsail Beach
0445	Jolly Roger's Pier	Topsail Beach
0448	Surf City Ocean Pier	Surf City
0497	Harbour Village Marina,	
0641	Hampstead Marina	Hampstead
0900	South Topsail Beach/Bank	Topsail Beach
0901	Sound Pier Market	S. Topsail
Brunswick County		
0010	Tripp's Fishing Center	Shallotte
0015	Oak Beach Inn and Marina	Long Beach
0078	Garland's Place Marina and Boat Ramp	Long Beach
0113	Mace's Seafood	Holden Beach
0196	Southport Boat Harbor (ICW)	Southport
0279	Sunset Beach Fishing Pier	Sunset Beach
0282	Yaupon Beach fishing Pier	Yaupon Beach
0388	Ocean Isle Pier	Shallotte
0391	Holden Beach	Holden Beach
0424	Holden Beach Fishing Pier	Holden Beach
0470	Southport Marina, Inc. / Sure Catch Tackle	
0471	Watt's Charter Boats	Southport
0473	Long Beach	
0476	Hugh's Marina and Boat Ramp	Shallotte Point
0518	Beach/Bank (East end of Ocean Isle)	Shallotte Inlet
0519	Beach/Bank (Fayetteville Street)	Ocean Isle Bch
0522	Long Beach Fishing Pier	Long Beach
0523	Ocean Crest Motel and Pier	Long Beach
0526	Southport Municipal Pier	Southport
0527	Ocean Isle Marina	Ocean Isle Bch
0528	NC Wildlife Comm. Boating Facility	Sunset Harbor
0633	Capt. Pete's Seafood	Holden Beach
0636	NC Wildlife Comm. Boating Facility	Long Beach Rd
0643	Ocean Isle Beach	
0644	Sunset Beach	
0675	Ocean Isle Grocery and Marine	Ocean Isle
0676	Sunset Beach Charter	Sunset Beach
0677	Captain Jim's Marina	Calabash
0678	Holden Beach Marina	Holden Beach

Appendix 6. North Carolina MRFSS sampling locations (continued).

Site #	Site Name	Location
Brunswick County		
0685	Marsh Harbor Marina	Hwy 179
0713	Sea Mist Campground	Shallotte
0714	Intracoastal Marine	Holden Beach
0715	Calabash Marine	Calabash
0716	Pelican Point Marina	Ocean Isle

Appendix 7. North Carolina Division of Marine Fisheries highly migratory species reporting stations.

Facility	City	Facility	City
Anchorage Marina	Atlantic Beach	HMS Call-in	HMS Call-in
Bahama Bob's	Atlantic Beach	Holden Beach Marina	Holden Beach
Captain Stacy's Fishing Center	Atlantic Beach	Oregon Inlet Fishing Center	Manteo
Seawater Marina	Atlantic Beach	Pirates Cove	Manteo
Olde Towne Yacht Club	Beaufort	Brian Melott	Mobile DMF
Town Creek Marina	Beaufort	Dennis Trowell	Mobile DMF
Hurricane Fishing Center	Calabash	Stacey Constaineau	Mobile DMF
Seagull Bait and Tackle	Carolina Beach	Suzie Hill	Mobile DMF
Call-in	DMF Call-in	William Hatfield	Mobile DMF
Island Harbor Marina	Emerald Isle	Gulf Dock	Morehead City
Harker's Island Fishing Center	Harker's Island	Portside	Morehead City
Ballance Oil Company	Hatteras	Ocean Isle Fishing Center	Ocean Isle
Hatteras Harbor Marina	Hatteras	Anchorage Marina	Ocracoke
Hatteras Landing Marina	Hatteras	Southport Fishing Center	Southport
Oden's Dock	Hatteras	Nancy Lee Fishing Center	Swansboro
Teach's Lair Marina	Hatteras	Boathouse Marina	Wrightsville Beach
Village Marina	Hatteras	Bridge Tender Marina	Wrightsville Beach

Appendix 8. 2004 North Carolina MRFSS Intercept Form.

2. ASSIGNMENT NO. Please indicate if this is your first or second assignment by writing '1' or '2'

3. INTERVIEWER ID

4. YR/MO/DAY

5. INTERVIEW NUMBER

6. INTERVIEW TIME (use 2400 clock)

7. STATE CODE

8. COUNTY CODE

9. SITE CODE

10. INTERVIEW STATUS (key item="*)

1 Questionnaire complete

2 Refused Non-Key Item

5 Refused Key Item

OMB NO. 0648-0052 (EXP. 11/30/07)

*11. Would you say you were fishing from:

0 Pier

1 Dock

SH 2 Jetty, Breakwater

3 Bridge, Causeway

4 Other Man-made

5 Beach or Bank

6 Headboat

7 Charterboat

8 Private Boat

9 Rental Boat

11a. Were you tournament fishing today?

1 Yes

2 No

9 Refused

11b. Did you see any sea turtles while fishing today?

1 Yes, alive

2 Yes, dead

3 No

*12. Was most of your (specify mode) fishing effort today in the Atlantic Ocean or another waterbody? (If other probe, use DMF waterbody code, and code q. 13 as "8").

1 Atlantic Ocean

Other, (use DMF waterbody code and code 13 as "8").

BOX A. Refer to q. 11. If response is SH code q. 13 as 1, 3 miles or less

*13. Was that.....

1 Three Miles or Less

2 More Than Three Miles

8 NC Waterbody (does not apply)

13a. Were you fishing near an Artificial Reef?

01 No

88 SH

If yes, enter reef code

98=unknown

13b. What was the length of the boat used in feet? Boat Length

14. What type of gear was primarily used?

01 Hook & Line

02 Dip Net

03 Cast Net

04 Gill Net

05 Seine

06 Trawl

07 Trap

08 Spear

09 Hand

10 Other

98 Unknown

99 Refused

15a. To the nearest half-hour, how many hours have you spent (specify mode) fishing today? That is, how many hours have you actually spent with your gear in the water?

. No. of hours

Code as "99.9" if DK or Refused

15b. [PC and PR only] To the nearest half-hour, how many hours have you spent on the boat, away from the dock, today?

. No. of hours

Code as "99.9" if DK or Refused

Not Applicable - SH mode

16. How many additional hours do you expect to fish from shore today? That is, how many more hours will you actually have your gear in the water?

. Additional BB hours

Not fishing from beach or bank

17. Were you fishing for any particular kinds of fish today? If yes, what kinds?

No Particular Species / Anything

1st Target

2nd Target

18. Not counting today, within the past 12 months, that is (insert month) of last year, how many days have you gone saltwater sport finishing in NC or from a boat launched in NC?

No. of days

998 Don't know

999 Refused

19. Not counting today, within the past 2 months, how many days?

No. of days

998 Don't know

999 Refused

20. What is your state and county of residence?

If county unknown, ask: What city or town do you live in?

State code: Name _____

County code: Name _____

21. What is the zip code of your residence?

Zip Code

999 98 Don't Know

999 99 Refused

999 97 Foreign Country

22. Do you live in a private residence, or in some type housing such as a dorm, barracks, nursing home or rooming house?

1 Private Residence

2 Institutional Housing (Code Q.23 as 8 and skip to 23a)

8 Don't Know

9 Refused

23. Does your home have a landline telephone? That is, a telephone other than a cellular phone?

1 Yes

2 No

8 9 Refused

23a. Sex

1 Male

2 Female

23b. How old were you on your last birthday?

Years

99 Refused

- -

Name and Phone not given

24. In the event my supervisor wishes to verify that I have been conducting interviews here today, may I have a name and phone number?

Day Night

Appendix 8. 2004 North Carolina MRFSS Intercept Form (continued).

BOX B. [If headboat ride-along:] Is this one of the anglers you monitored for discard (Type 9) catch?

Yes No Not a headboat ride

***25. UNAVAILABLE CATCH.** Did you land any fish that are not here for me to look at? For example, any that you may have thrown back or used for bait? **IF YES, COMPLETE TYPE 2 RECORD FOR THIS INDIVIDUAL ANGLER, NOT GROUP CATCH. NOTE: FILLETS ARE UNAVAILABLE CATCH**

NOT GROUP CATCH

TYPE 2 RECORDS	SPECIES CODE	DISP	# OF FISH	DISPOSITION CODES
1 _____				1. Thrown back alive/legal 2. Thrown back alive/not legal/legality ref. 3. Eaten/plan to eat 4. Used for bait/plan to use for bait 5. Sold/plan to sell 6. Thrown back dead/plan to throw back 7. Some other purpose 8. Don't know / Didn't ask 9. Refused
2 _____				
3 _____				
4 _____				
5 _____				

***26.** Did you catch any fish while you were fishing that I might look at?

1 Yes

2 No Code q. 27, 28, 29 as "8's" Not Applicable

3 Yes, BUT fish on another angler's form. Fill in interview # where fish are listed
Code q. 27, 28, 29 as "8's" Not Applicable →

***29.** How many anglers, including yourself, have their catch here? Please do not include anyone who did not catch fish.

No. of contributors 88 Not Applicable

BOX C. If q. 11 SH mode, code q. 30 as "88" and box D as "8."

***27.** Did you catch these yourself or did someone else catch some of them?

1 All caught by angler - Code q. 28, 29 as "8's" Not Applicable

2 Other contributors

8 Not Applicable

***30.** How many people fished on your boat today?

No. of people 88 Shore Mode

BOX D. If response to q. 30 is 1, code as "8" Not Applicable. Otherwise, is this the 1st angler from this boat that I have interviewed?

1 Yes 8 Not Applicable

2 No Record interview # of 1st angler in the fishing party

***28.** Can you separate out your individual catch?

1 Yes, Code 29 as "88" 2 No 8 Not Applicable

30a. Is vessel on DMF List?

1 Yes 2 No 3 Non-coop. 8 SH

Vessel Name _____

***31. AVAILABLE CATCH, COMPLETE TYPE 3 RECORD BY ASKING: May I look at your fish? What do you plan to do with the MAJORITY of the species.**

TYPE 3 RECORDS	SPECIES CODE	# OF FISH	LENGTH (mm)	WEIGHT (kg)	DISP
1 _____					
2 _____					
3 _____					
4 _____					
5 _____					
6 _____					
7 _____					
8 _____					
9 _____					
10 _____					
11 _____					
12 _____					
13 _____					
14 _____					
15 _____					
16 _____					
17 _____					
18 _____					
19 _____					
20 _____					

Appendix 9. Glossary of terminology in MRFSS survey.

GLOSSARY

Avidity: The frequency of fishing activity, measured as number of days on which fishing trips were made.

Type A catch: Fish that were caught, were landed whole, and were available for identification and enumeration by the interviewers. In addition, the fish were potentially available for weighing and measuring.

Type B catch: Fish that were caught but were either not kept or not available for identification.

Type B1 catch: Fish that were caught and filleted, released dead, given away, or disposed of in some way other than Types A or B2.

Type B2 catch: Fish that were caught and released alive.

Total catch: The number of fish caught but not necessarily brought ashore, may be obtained by summing catch types A and B or by summing catch types A, B1, and B2. The total number of fish removed from the fishery resource may be obtained by summing catch types A and B1.

Coastal counties: All counties in the coastal states of the United States with some portion within 25 miles of the coastline were included in the telephone household survey. This boundary was extended to 50 miles in the South Atlantic and Gulf of Mexico from May through October. The boundary was extended further in North Carolina to 50 miles November through April and 100 miles May through October.

Coastal resident: An angler who lived in a coastal county included in the telephone household survey.

Coastal state: A state bordering on the Atlantic or Pacific Ocean, the Gulf of Mexico or the Caribbean Sea. State also includes a Territory or Commonwealth.

EEZ (U.S. Exclusive Economic Zone): The MFCMA defines this zone as contiguous to the Territorial Sea of all the United States and its possessions and extending seaward 200 nautical miles measured from the baseline from which the Territorial Sea is measured.

Fishery Management Plan (FMP): A plan developed by a Regional Fishery Management Council and the Secretary of the Department of Commerce to manage a fishery resource pursuant to the Magnuson Fishery Conservation and Management Act of 1976.

Fishing access site: Fishing access site refers to the name and location of the place where anglers were intercepted. Each intercept site was given a unique name and code number. The fishing access site did not define the mode of fishing since anglers may have used more than one mode at any given site.

Fishing trip: Fishing during part or all of 1 day in one mode. An angler who fished from both a pier and a beach on the same day made one fishing trip since the pier and the beach are both in the shore mode. However, an angler who fished from a head boat in the morning and from a pier in the afternoon is counted as having made two fishing trips--a head boat trip and a shore trip.

Hours fished: The amount of time an angler actively fished in a mode with fishing gear in the water. If an angler spent time fishing at other sites on the same day, that time was also included provided the fishing was done in the same mode. Not included was the travel time in a boat or travel time between sites.

Household: A household consisted of all persons who occupied a housing unit. The unit must have been intended for year-round use, not seasonal or migratory use.

Intercept survey or creel census: Interviewing anglers and examining their catch upon completion of their fishing trip, or under certain circumstances, while they were still fishing.

Length and weight of fish: Length and weight measurements were obtained from a sample of fish brought ashore in whole form by intercepted anglers. If more than 10 fish of the same species were brought ashore in whole form, 10 fish were randomly selected to be weighed and measured. If 10 or less fish of the same species were brought ashore in whole form, each fish was weighed and measured. For fish with a forked tail, fork length was measured from the tip of the longest jaw or the snout, whichever was terminal with the mouth closed, to the center of the fork. For fish with a non-forked tail, total length was measured from the tip of the longest jaw or the snout, whichever was terminal with the mouth closed, to the tip of the caudal lobe or fin. Weight was measured to the nearest tenth of a kilogram (1 kilogram is approximately 2.2 pounds). Length was measured to the nearest millimeter (1 millimeter is approximately 0.039 inches).

Marine recreational anglers: Those people who fished in marine waters primarily for recreational purposes. Their catch was primarily for home consumption, although occasionally a part or all of their catch may have been sold and entered commercial channels. Specifically for this survey, marine recreational anglers were defined as follows: In the telephone household survey, an angler was anyone who had been marine recreational fishing in the 12 months prior to telephone household contact, and an eligible angler was anyone who had been marine recreational fishing 2 months prior to the telephone household contact. In the intercept survey an eligible angler was anyone just completing a finfishing trip, or in certain cases, someone who was still fishing.

Marine recreational fishing: Fishing primarily with hook and line for pleasure, amusement, relaxation, or home consumption. If part or all of the catch was sold, the monetary returns constituted an insignificant part of the person's income.

Mode of fishing: The type of place or platform from which marine recreational fishing occurs. There are three modes, including shore, private/rental, and charter.

- 1) **Shore:** A shore may be:
 - a. **Pier, dock:** A structure built over the water and supported by pillars.
 - b. **Jetty:** A kind of wall, usually made of rocks, built out into the water or parallel to the shore to restrain currents or protect a harbor.
 - c. **Breakwater:** An offshore structure used to protect a harbor or breach from the forces of waves.
 - d. **Bridge:** An elevated or raised way across wet ground or water.
 - e. **Causeway:** A connecting channel.
 - f. **Beach:** A level stretch of pebbles or sand beside a body of water, often washed by high water.
 - g. **Bank:** A stretch of rising land at the edge of a body of water not washed by high water, which could be rocks or an overhanging cliff.
- 2) **Private/Rental.** A boat belonging to an individual or one that is rented. No crew is provided; operated by the owner/renter.
- 3) **Charter Boat:** A boat operating under charter for a price, time, etc. It is operated by a licensed captain and crew and the participants are part of a pre-formed group of anglers. Thus, charters are usually closed parties. Note: Charter boats may make all-day or half-day trips.

Non-coastal resident: An angler who lived in a particular county of a coastal state that was not included in the telephone household survey.

Out-of-state resident: An angler who lived in a state other than the coastal state in which he fished.

Ocean: For the purposes of the survey, ocean is divided into two categories: The ocean 3 miles or less from shore (Territorial Sea) and the ocean more than 3 miles from shore (Exclusive Economic Zone). However, the boundary for state and federal jurisdiction on the Gulf of

Mexico coast of Florida is 3 marine leagues, or 10 miles, from shore. Not included are sounds, inlets, rivers, bays, etc.

Inland: Other bodies of saltwater besides the oceans. Included are sounds, inlets, and tidal portions of rivers, bay, estuaries and other areas of salt or brackish water.

State of fishing access (State of intercept): The state in which the fishing or intercept site was located. For boat fishing, it was the state from which the boat departed the shoreline for fishing.

State of residence: The state in which the angler lived and maintained his permanent residence.

U.S. Territorial Sea: A zone extending 3 nautical miles from shore for all states except the Gulf coast of Florida where the seaward boundary is 3 marine leagues (approximately 10 statute miles).

Wave: A wave is one of the following 2-month intervals:

1. January/February (Wave 1)
2. March/April (Wave 2)
3. May/June (Wave 3)
4. July/August (Wave 4)
5. September/October (Wave 5)
6. November/December (Wave 6)

Appendix 10. Data elements in MRFSS survey.

DATA ELEMENTS

Dockside Interviews

- State and county of residence
- Avidity level - trips per year
- Mode of fishing
- Primary area of fishing
- Number of anglers contributing to catch
- Number, weights, and lengths of fish caught by species

Telephone Survey

- Presence of marine recreational anglers in the household
- Number of anglers per household
- Fishing trips in 2-month period
- Mode of each trip
- Location (county) of each trip

Intercept Data

- Date, location, and site of interview
- Mode of fishing
- Tournament fishing status
- Fishing location
- Gear type
- Hours of fishing time
- Targeted species
- Number of days fished in last year
- State and county of residence
- Sex and age of angler
- Number and types of Type 2 fish (unavailable catch)
- Number of contributors and people in fishing party
- Length and weight of Type 3 fish (available catch)

Expanded Data

- Estimated number of trips in a mode
- Percent of trips in a mode
- Number of trips in a particular mode and area
- Data on groups or types of fish caught in a mode or area
- Estimated numbers of Type A, B1, or B2 fishes caught or released (including variances)
- Estimated weights or lengths of specific types of fish (including variances)
- Number of interviews conducted in specific modes or sites by year, month, etc.
- Catch per trip (including variances)
- Mean weight and/or length of fish from a specific area, mode, etc.

CONTACTS

The MRFSS is administered by the NMFS Office of Science & Technology, Fisheries Statistics & Economics Division. Several states including North Carolina manage the dockside sampling portion of the survey. For additional information regarding the survey, please consider the list below.

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Chapter IV: NORTH CAROLINA RECREATIONAL COMMERCIAL GEAR SURVEY

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PROGRAM NARRATIVE

In 2001 the North Carolina Division of Marine Fisheries (DMF) began surveying holders of the newly created Recreational Commercial Gear License (RCGL) to determine the impact this group had on the states coastal fishery resources. Four independent surveys (annual, monthly, and bimonthly surveys along with logbooks) were conducted to determine the preferred methodology. The annual survey was designed to obtain detailed angler demographic information to address initial sampling stratification issues as well as to collect socio-economic data. It was determined that monthly surveys were generally more precise, having lower variability with regard to both effort and catch estimation.

METHODOLOGY

Annual Survey

Survey Design

Detailed questionnaires for the 2001 Annual Survey and the monthly survey were prepared and presented to the NCDMF's in-house review committee (Biological Review Team) and survey professionals from academia for an initial review. The questionnaires were then modified to include suggestions from the review process and a series of presentations were given to the North Carolina Marine Fisheries Commission's Southern Advisory Committee, the Division of Marine Fisheries License and Statistics Section, and to the Marine Fisheries Commission for an additional review. The final version of the survey instrument used for the 2001 Annual Survey is displayed in Appendix B.

Disposition of Questionnaires

The disposition of each questionnaire mailed resulted in one of four possible outcomes: (1) returned and usable, (2) returned and not usable, (3) returned by the U.S. Postal Service as non-deliverable, and (4) not returned. Returned surveys that did not contain the participant's name or contained illegible handwriting were considered unusable. Return rates were calculated by dividing the total number of questionnaires returned and deemed usable by the total number of questionnaires mailed minus the number of non-deliverable questionnaires.

The 2001 Annual Survey included the entire population of RCGL license holders with valid (active) licenses during any portion of the 2001 calendar year (January 1, 2001 through December 31, 2001). Because the RCGL license is valid for a period of one year from the date of purchase, all RCGL license holders who purchased a license from January 1, 2000 through

December 31, 2001 were included in the sample frame. Anyone purchasing a license in this 731-day period would have been eligible to fish at least one day in 2001.

Analytical Methods for Socioeconomic Questions (2001 Annual Survey)

Thirty-nine questions were included on the 2001 Annual Survey questionnaire addressing demographics, experience, opinions on pertinent topics, and typical spending on fishing trips taken by RCGL holders. Question formats varied among three general types.

- 1) Questions that requested the participant to fill in a specific number (i.e., age, years of residence, spending, etc.),
- 2) Scaled questions that asked the participant to select a box that most appropriately matched his/her level of agreement for a given statement (i.e., strongly disagree to strongly agree), and
- 3) Multiple-choice questions that allowed the participant to indicate his/her choice by checking one or more boxes adjacent to the available choices (i.e., point of access for fishing trips, sources of information on fisheries regulations, etc.).

Questions within the first category were examined by two methods: (1) calculation of the mean from the responses given; and (2) categorizing the responses into specific groupings and calculating the percentage that each group contributed to the total sample. The five potential responses for the "level of agreement" questions were ranked from one to five with one representing strongly disagree to five representing strongly agree. Mean rank values were obtained and the percentages that each agreement level contributed to the total were calculated. Only the percent contribution for each multiple-choice categories were obtained for the third type of question.

Respondents did not always complete each question; therefore, unanswered questions were considered a non-response and treated as a missing value. If a question contained a missing value, the question was not used in the calculation for the percent contributions of each potential choice for a given question. The number of individuals actually responding and the number that did not respond to a given question are also presented in the tabulation of the results for each question. All calculations for the socioeconomic questions were performed with SAS® PROC SURVEYMEANS.

Gear Usage, Seasonality, and Prevalence of Species

The 2001 Annual Survey questionnaire asked the participant to record the approximate number of trips and species encountered during each month for each RCGL gear type. In addition to collecting information on the use of the authorized RCGL gears, two additional gear types (flounder gigs and non-mechanical shellfish harvest methods) were included on the 2001 Annual Survey questionnaire. Neither flounder gigging nor the harvesting of shellfish via non-mechanical methods requires the purchase of a RCGL.

Monthly Survey

Survey Design

The monthly survey questionnaires were designed to determine the number of trips taken and quantities of gear used. Participants were also requested to provide estimates for the numbers and pounds of each species caught and retained as well as the number of each species discarded. Examples of survey instruments used for the monthly surveys are respectively displayed in Appendices C

Unlike the Annual Survey, only a subsample of the entire RCGL population was surveyed by monthly surveys. The population of RCGL holders for the monthly surveys included all individuals who purchased a license within a year prior of each month sampled. SAS® PROC SURVEYSELECT was used to randomly select a sample of the population at a 30.0% coverage rate by county of residence, resulting in a mailing of 1,200 to 2,000 questionnaires, depending on the number of active licenses during each sample period.

Monthly Survey Effort and Catch Extrapolation Methods

To estimate the total number of trips taken by all RCGL holders, the monthly survey data were extrapolated for each sample period (i.e., monthly) and gear combination by:

- 1) Calculating the level of participation by dividing the total number of participants actively using a specific gear by the total number of returned questionnaires,
- 2) Calculating the mean number of trips taken by the participants indicating actively using a specific gear, and
- 3) The effort estimate was the product of the mean number of trips, level of participation, and the total number of RCGL holders for the given sample period.

Determination of the estimated catch for each species was also calculated for each sample period and gear level by:

- 1) Summing the total catch by species, sample period and gear combination,
- 2) Summing the total number of trips taken by sample period and gear combination
- 3) Dividing total catch by the total number of trips to determine the mean catch for each species for every sample period and gear combination, and
- 4) The catch estimate was the product of the mean catch and the estimated effort.

The margin of error (95% confidence interval) of the proportion actively using their RCGL license was calculated based on the number of returned surveys and the size of the RCGL population for each monthly RCGL population (Lenth 2002).

Quantities of Gear Used (monthly surveys)

The participants were asked to specify the average amount of gear used. Quantities were categorized into ranges of values for the yardage of gill nets, head rope length of trawls, and length of seine. Gears such as eel and crab pots were simply enumerated. Range, average, median and mode were calculated for the quantity of each gear type.

REPRESENTATIVENESS AND PRECISION

Representativeness is a term that describes the similarity between the sample and the population from which the sample was drawn. If the sample and population differ with respect to common characteristics, the sample is considered biased and may not be representative of the population thus limiting the ability to make generalizations about the population based on the survey sample. Three main factors, random selection of survey participants, sample size, and response rate, affect the representativeness of mail surveys. Researchers usually include a statistic, the margin of error, which measures the level of confidence for the estimate allowing the reader to appropriately evaluate survey findings.

The margin of error is an index of sampling error to quantify the uncertainty about survey results that takes into account three statistical factors; critical Z value for a selected level of confidence, the sample size, and the sample standard deviation. Generally, the margin of error decreases with increasing sample size. The margin of error was calculated for the both the 2001 Annual Survey and the monthly surveys (Lenth 2003).

A high percentage of non-response increases the potential for non-response bias. Mail surveys are typically age biased with response rates skewed to older individuals (DataBased Marketing 2002). To determine if non-response biases exist with the project reported here, two

characteristics (age and county of residence) were compared between the sample (returned surveys) and the RCGL population.

Two categories of age, “individuals up to 50 years of age” and “individuals older than 50 years of age” were created and compared between the population and sample using Chi-square tests. Counties were categorized into “coastal” and “non-coastal” and the frequencies of responses from the sample were compared to the population using a Chi-square test. If significant differences were observed, the total number of fishing trips taken within each category was compared using a T-test.

A proportional standard error (PSE) was calculated for each trip and harvest estimate to provide a measure for comparing the precision of the estimates. The PSE expresses the standard error as a percentage of the estimate and is calculated by dividing the estimate into the standard error of the estimate times 100. The precision of an estimate has an inverse relationship to the PSE with small PSEs indicating more precise estimates and larger PSEs indicating imprecise estimates. The de facto standard for acceptable levels of precision measured by PSE with regard to survey projects such as the MRFSS survey is a PSE of 20.

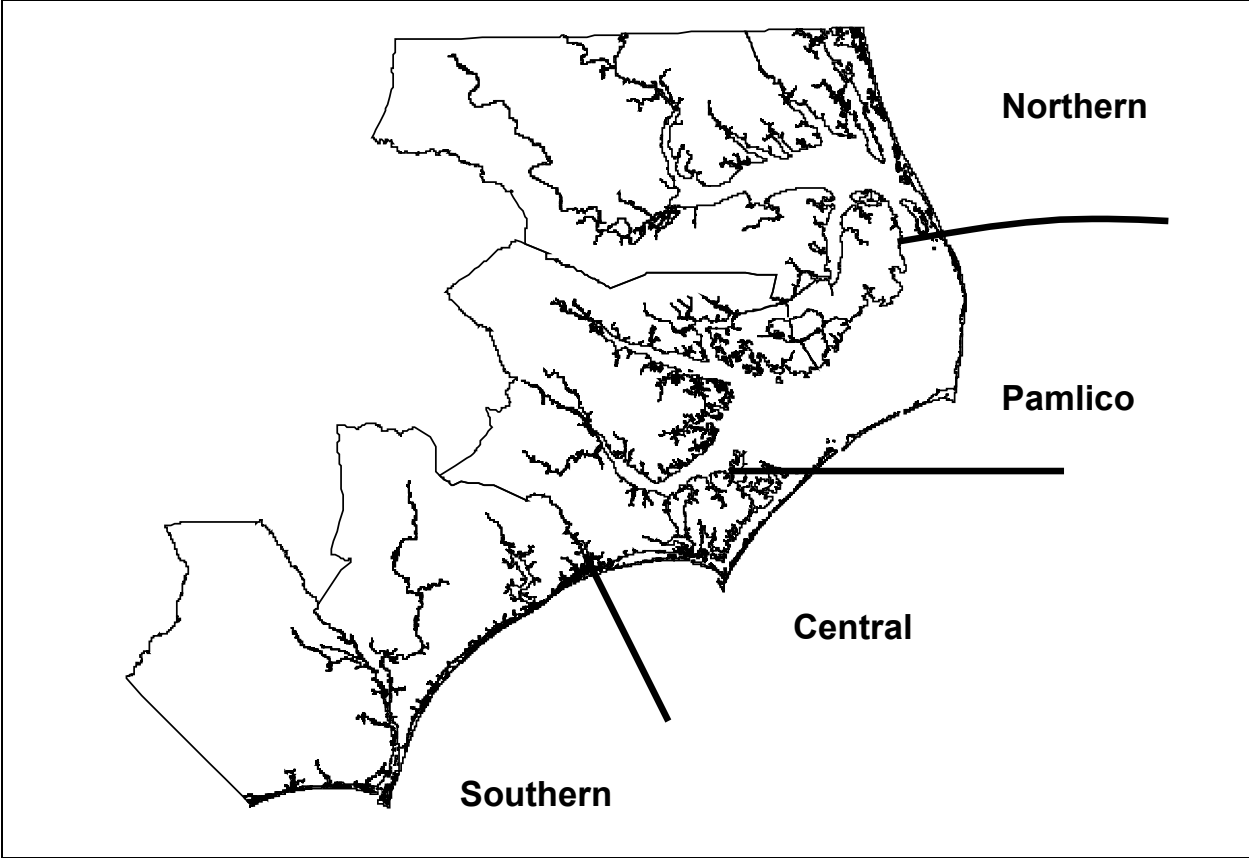


Figure 79. Regions used to describe the geographic distribution of RCGL trips.

Table 116. North Carolina Recreational Commercial Gear Landings, 2004.

	NUMBER OF TRIPS	NUMBER LANDED	POUNDS LANDED	NUMBER DISCARDED
FINFISH				
Bluefish	6,002	10,053	13,573	4,477
Catfish	1,335	1,841	5,763	1,101
Croaker, Atlantic	6,012	21,564	13,224	24,135
Drum, Black	2,426	1,484	3,175	1,339
Drum, Red	4,206	1,463	6,181	3,799
Flounder	20,530	44,819	87,484	25,732
Herring, River	1,679	20,120	9,089	452
Mackerel, Spanish	875	873	2,012	423
Menhaden, Atlantic	739	4,308	1,997	11,456
Mullet, Striped	4,550	34,806	36,022	2,875
Perch, White	1,674	25,610	11,190	10,467
Pigfish	380	4,607	2,734	1,821
Seatrout, Spotted	4,278	3,767	7,093	1,244
Shad, American	731	2,578	8,703	456
Shad, Hickory	1,399	7,206	12,372	4,488
Sharks and rays	707	169	434	3,159
Sheepshead	1,008	308	819	130
Spot	12,610	412,372	252,291	23,202
Striped bass	1,274	1,621	7,770	1,181
Weakfish (gray trout)	345	349	494	501
Finfish (misc.) ¹	1,992	9,874	2,346	11,121
TOTAL FINFISH		609,791	484,764	133,560
SHELLFISH				
Blue crab	27,944	323,890	112,088	138,385
Shrimp	3,726	1,164,930	43,604	4,313
Shellfish (misc.) ²	3,089	2,029	248	1,546
TOTAL SHELLFISH		1,490,849	155,940	144,244
GRAND TOTAL		2,100,640	640,704	277,804

¹ Finfish (misc.) includes: American eel, carp, bowfin, butterfish, cobia, gar, gizzard shad, grunt, killifishes, minnow, mullets, oyster toad, pinfish, puffer (blow toad), sea bass, sea mullet (whiting), and sunfish.

² Shellfish (misc.) includes: conchs, oysters, hard clams, mussels, horseshoe crab, and stone crab.

NOTE: The number and pounds of finfish and shellfish listed represent estimated harvested and discarded. Recreational estimates presented are only from Recreational Commercial Gear License holders and do not include hook-and-line angling or commercial fishing activities.

Table 117. North Carolina Recreational Commercial Gear Landings, 2003.

	NUMBER OF TRIPS	NUMBER LANDED	POUNDS LANDED	NUMBER DISCARDED
FINFISH				
Bluefish	5,376	11,573	15,156	5,221
Catfish	1,539	1,430	4,998	1,053
Croaker, Atlantic	4,827	19,584	12,136	21,764
Drum, Black	2,412	2,224	3,821	1,767
Drum, Red	2,726	1,167	4,582	1,893
Flounder	19,714	44,358	86,408	22,403
Herring, River	3,693	47,410	29,415	4,146
Mackerel, Spanish	1,189	1,445	2,185	230
Menhaden, Atlantic	797	8,093	3,826	9,529
Mullet, Striped	4,223	28,757	24,774	3,514
Perch, White	1,865	70,929	34,950	16,024
Pigfish	409	377	244	246
Seatrout, Spotted	3,642	6,347	11,592	3,327
Shad, American	2,331	10,013	33,947	5,691
Shad, Hickory	2,972	9,110	13,936	16,840
Sharks and rays	647	204	572	912
Sheepshead	477	298	1,123	0
Spot	11,799	418,992	255,060	11,538
Striped bass	1,942	2,083	10,199	2,285
Weakfish (gray trout)	87	220	576	20
Finfish (misc.) ¹	2,452	2,925	6,041	3,458
TOTAL FINFISH		687,539	555,541	131,861
SHELLFISH				
Blue crab	27,907	354,425	157,942	124,196
Shrimp	2,840	1,266,673	50,961	6,273
Shellfish (misc.) ²	4,926	2,759	455	4,235
TOTAL SHELLFISH		1,623,858	209,357	134,704
GRAND TOTAL		2,311,397	764,898	266,565

¹ Finfish (misc.) includes: American eel, carp, bowfin, butterfish, cobia, gar, gizzard shad, grunt, killifishes, minnow, mullets, oyster toad, pinfish, puffer (blow toad), sea bass, sea mullet (whiting), and sunfish.

² Shellfish (misc.) includes: conchs, oysters, hard clams, mussels, horseshoe crab, and stone crab.

NOTE: The number and pounds of finfish and shellfish listed represent estimated harvested and discarded. Recreational estimates presented are only from Recreational Commercial Gear License holders and do not include hook-and-line angling or commercial fishing activities.

Table 118. North Carolina Recreational Commercial Gear Landings, 2002.

	NUMBER OF TRIPS	NUMBER LANDED	POUNDS LANDED	NUMBER DISCARDED
FINFISH				
Bluefish	10,354	22,735	29,485	7,227
Catfish	3,587	2,623	7,014	9,301
Croaker, Atlantic	12,275	49,985	36,301	33,253
Drum, Black	3,172	8,805	15,972	1,374
Drum, Red	5,479	3,019	9,827	4,134
Flounder	27,670	52,658	98,396	52,385
Herring, River	5,787	38,397	19,770	839
Mackerel, Spanish	1,043	2,508	3,987	350
Menhaden, Atlantic	3,961	59,957	29,238	55,507
Mullet, Striped	9,984	65,563	62,990	6,544
Perch, White	5,717	23,876	13,134	25,084
Pigfish	1,197	4,724	2,513	2,050
Seatrout, Spotted	7,708	13,286	21,077	2,496
Shad, American	4,736	3,735	11,895	7,117
Shad, Hickory	5,772	19,738	41,478	46,244
Sharks and rays	976	1,433	4,025	1,937
Sheepshead	2,841	1,261	3,526	685
Spot	16,731	573,559	339,077	21,059
Striped bass	4,199	1,925	8,945	3,188
Weakfish (gray trout)	1,032	1,068	1,651	455
Finfish (misc.) ¹	8,780	20635	21026	38,908
TOTAL FINFISH		971,490	781,327	320,137
SHELLFISH				
Blue crab	28,105	345,357	133,421	184,790
Shrimp	5,035	2,608,726	101,325	1,397
Shellfish (misc.) ²	645	4,944	247	613
TOTAL SHELLFISH		2,959,027	234,993	186,800
GRAND TOTAL		3,930,517	1,016,320	506,937

¹ Finfish (misc.) includes: American eel, carp, bowfin, butterfish, cobia, gar, gizzard shad, grunt, killifishes, minnow, mullets, oyster toad, pinfish, puffer (blow toad), sea bass, sea mullet (whiting), and sunfish.

² Shellfish (misc.) includes: conchs, oysters, hard clams, mussels, horseshoe crab, and stone crab.

NOTE: The number and pounds of finfish and shellfish listed represent estimated harvested and discarded. Recreational estimates presented are only from Recreational Commercial Gear License holders and do not include hook-and-line angling or commercial fishing activities.

Table 119. Number of Recreational Commercial Gear License trips by geographic region, 2004.

Region	Crab Pot	Small Mesh Gill Net	Large Mesh Gill Net	Shrimp Trawl	Fish Pot	Other RCGL Gears ¹	All Gear
Northern	4,144	1,713	883	912	715	57	8,424
Pamlico	5,664	3,643	3,606	2,122	18	46	15,099
Central	5,511	2,426	3,001	318	36	84	11,376
Southern	5,230	8,720	2,832	392	10	222	17,406
Unspecified	221	368	585	36	-	0	1,210
Total	20,771	16,870	10,907	3,781	780	409	53,518

Table 120. Number of Recreational Commercial Gear License trips by geographic region, 2003.

Region	Crab Pot	Small Mesh Gill Net	Large Mesh Gill Net	Shrimp Trawl	Fish Pot	Other RCGL Gears ¹	All Gear
Northern	4,111	3,108	599	348	1,142	480	9,789
Pamlico	5,134	3,834	4,076	1,448	-	208	14,700
Central	5,858	2,512	2,878	246	102	-	11,596
Southern	5,626	9,823	2,606	711	123	145	19,034
Unspecified	207	223	160	77	-	-	667
Total	20,936	19,500	10,319	2,830	1,367	833	55,785

Table 121. Number of Recreational Commercial Gear License trips by geographic region, 2002.

Region	Crab Pot	Small Mesh Gill Net	Large Mesh Gill Net	Shrimp Trawl	Fish Pot	Other RCGL Gears ¹	All Gear
Northern	6,131	5,617	2,576	701	3,905	221	19,151
Pamlico	10,297	7,985	6,447	2,479	39	262	27,509
Central	6,358	4,808	3,238	1,070	34	127	15,635
Southern	3,208	9,473	3,283	1,123	572	205	17,864
Total	25,995	27,883	15,544	5,373	4,550	815	80,160

Distribution of Recreational Commercial Gear License Holders during the 2001 Annual Survey Period

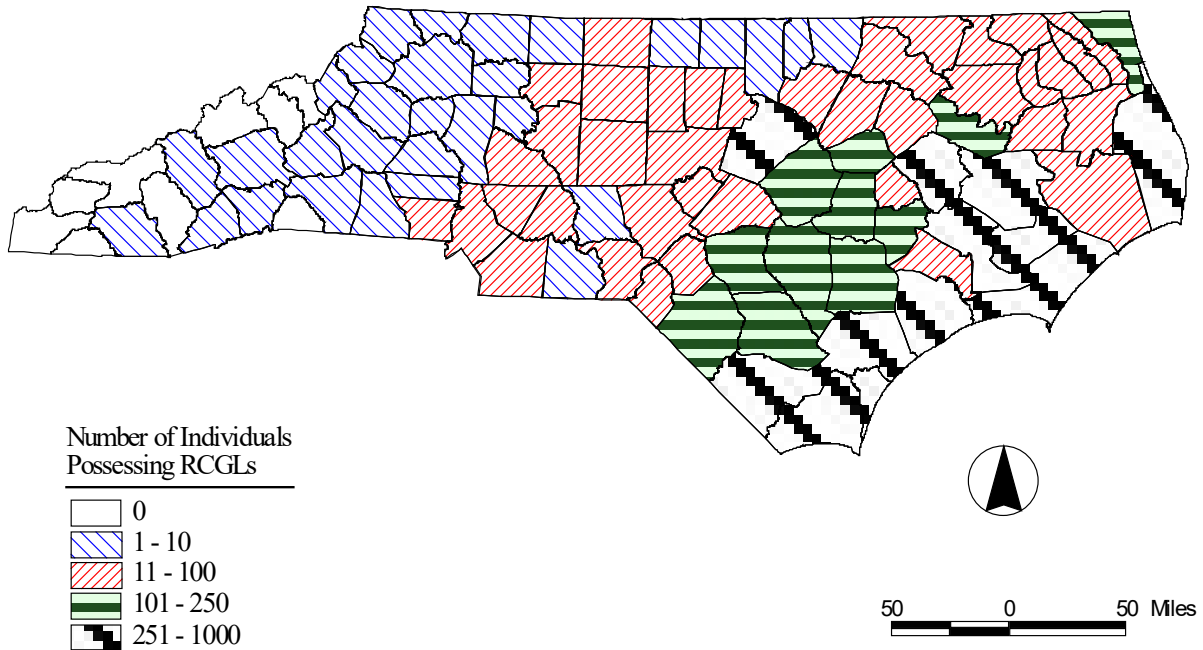


Figure 80. Number of RCGL holders per North Carolina County during the 2001 Annual Survey period.

Table 122. Counties contributing more than 1% to the total statewide RCGL population and counties with more than one RCGL holder per thousand individuals.

Ranking by Number Counties contributing more than 1% by number					Ranking by Number (per-capita) Counties with 1 or more RCGL holder per 1,000				
County	Number	Percent	RCGLs per 1,000	Cumulative Percent	County	Number	Percent	RCGLs per 1,000	Cumulative Percent
Brunswick	874	9.72	11.37	9.72	Pamlico	275	3.06	21.40	3.06
Carteret	679	7.55	11.39	17.28	Carteret	679	7.55	11.39	10.61
New	675	7.51	4.12	24.79	Brunswick	874	9.72	11.37	20.34
Craven	569	6.33	6.19	31.12	Pender	460	5.12	10.94	25.45
Onslow	490	5.45	3.30	36.57	Currituck	168	1.87	8.91	27.32
Pender	460	5.12	10.94	41.68	Beaufort	395	4.39	8.71	31.72
Columbus	453	5.04	8.26	46.72	Columbus	453	5.04	8.26	36.76
Pitt	446	4.96	3.30	51.69	Dare	255	2.84	8.18	39.59
Beaufort	395	4.39	8.71	56.08	Martin	189	2.10	7.46	41.70
Pamlico	275	3.06	21.40	59.14	Camden	44	0.49	6.22	42.18
Dare	255	2.84	8.18	61.98	Craven	569	6.33	6.19	48.51
Wake*	245	2.73	0.37	64.70	Jones	54	0.60	5.24	49.12
Robeson	218	2.43	1.76	67.13	Hyde	25	0.28	4.36	49.39
Lenoir	208	2.31	3.51	69.44	New	675	7.51	4.12	56.90
Martin	189	2.10	7.46	71.54	Washington	54	0.60	3.97	57.50
Cumberland	179	1.99	0.59	73.53	Greene	70	0.78	3.68	58.28
Currituck	168	1.87	8.91	75.40	Bladen	118	1.31	3.64	59.60
Johnston	157	1.75	1.23	77.15	Lenoir	208	2.31	3.51	61.91
Duplin	154	1.71	3.11	78.86	Pitt	446	4.96	3.30	66.87
Wayne	137	1.52	1.21	80.39	Onslow	490	5.45	3.30	72.32
Sampson	119	1.32	1.95	81.71	Perquimans	38	0.42	3.29	72.74
Bladen	118	1.31	3.64	83.02	Tyrrell	13	0.14	3.13	72.89
Wilson	114	1.27	1.53	84.29	Duplin	154	1.71	3.11	74.60
					Bertie	50	0.56	2.52	75.16
					Sampson	119	1.32	1.95	76.48
					Hertford	40	0.45	1.80	76.93
					Robeson	218	2.43	1.76	79.35
					Wilson	114	1.27	1.53	80.62
					Pasquotank	53	0.59	1.51	81.21
					Chowan	21	0.23	1.45	81.44
					Edgecombe	69	0.77	1.26	82.21
					Johnston	157	1.75	1.23	83.96
					Wayne	137	1.52	1.21	85.48
					Gates	12	0.13	1.14	85.62

* Wake and Cumberland counties are the only counties contributing more than 1% to the total number of RCGL holder population without having at least a per-capita value of 1 RCGL holder per 1,000 individuals

Per-capita estimate calculated using RCGL license data and the 2001 North Carolina Census estimates, North Carolina Department of Commerce. North Carolina Statistics. Retrieved on August 8, 2002 from: <http://www.nccommerce.com/categories/statistics.htm>

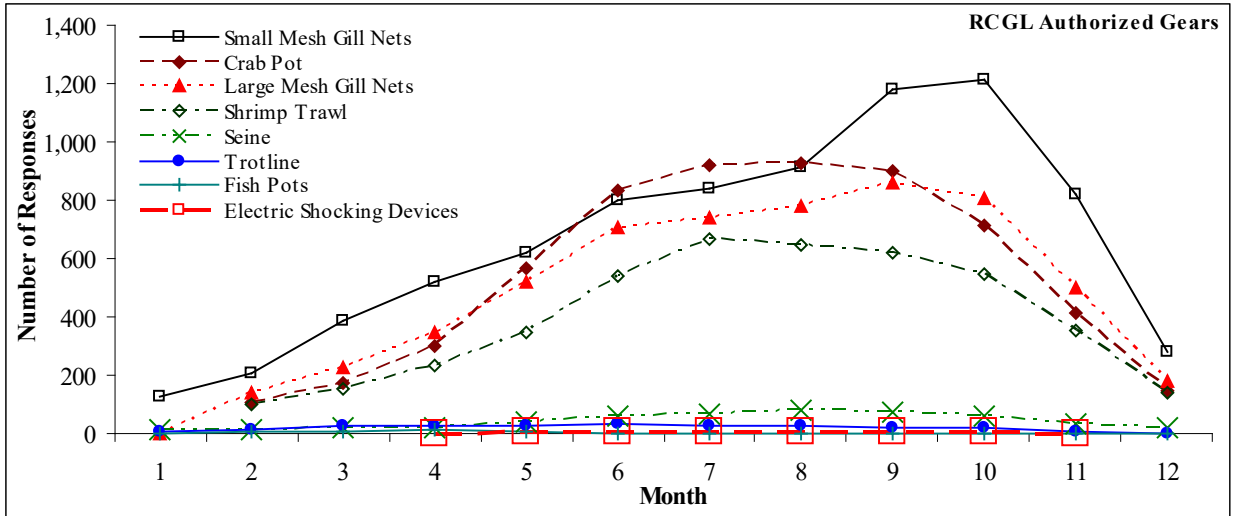


Figure 81. Monthly usage of authorized RCGL gear indicated by participant response on the 2001 Annual Survey.

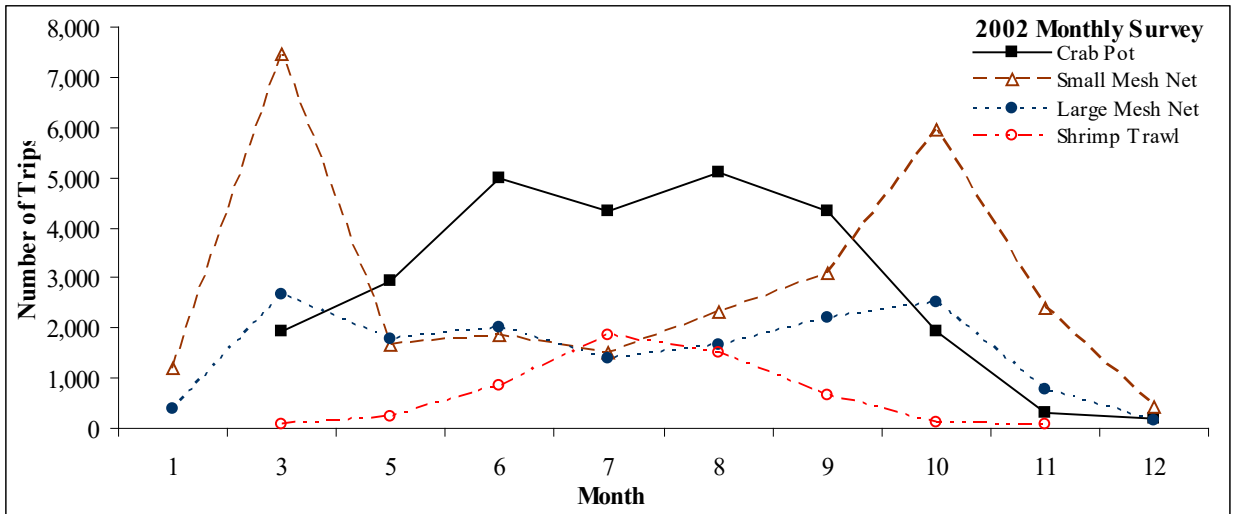


Figure 82. Number of estimated trips taken by major RCGL gear type during 2002 monthly surveying.

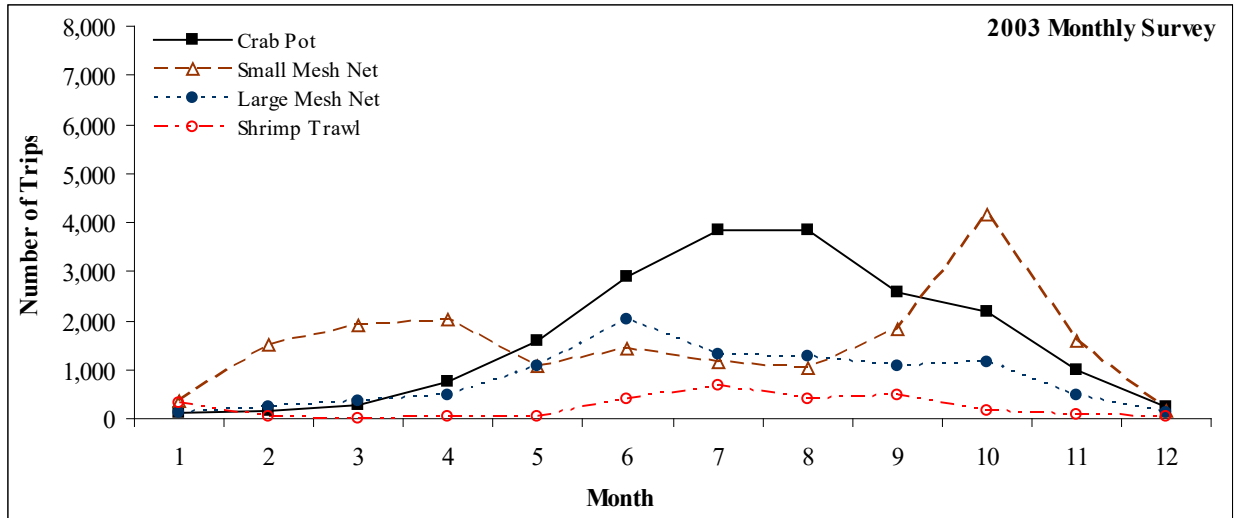


Figure 83. Number of estimated trips taken by major RCGL gear type during 2003 monthly surveying.

Table 123. Landings and discards gear and area for each species, 2002.

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
Crab Pot	Central	Blue crab	5,997	74,110	26,749	25,444
		Pinfish	85	0	0	102
		Weakfish (gray trout)	18	9	15	0
		Flounder	1,934	753	1,002	1,036
		Shellfish (misc.)	358	181	9	453
	North	Blue crab	6,118	92,493	40,907	15,759
		Catfish	639	62	141	353
		White perch	235	0	0	33
		Black drum	51	0	0	34
		Flounder	2,216	329	731	445
		Misc. species	34	42	12	0
		Pamlico	Blue crab	8,990	91,581	34,461
	Pinfish		17	0	0	17
	Sheepshead		71	9	28	0
	Speckled trout		251	50	72	78
	Weakfish (gray trout)		31	15	25	0
	Spot		142	0	0	18
	Drum, Red		133	8	29	92
	Flounder		3,540	1,103	1,554	2,331
	Misc. species		472	0	0	55
South	Blue crab		3,041	45,159	15,967	14,823
	Pinfish	88	27	9	63	
	Flounder	1,039	854	1,380	544	
	Shellfish (misc.)	236	196	10	160	
	Misc. species	8	0	0	42	

Table 123. Landings and discards gear and area for each species, 2002 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
Eel Pot	Central	Misc. species	68	17	52	42
	North	Misc. species	75	0	0	453
	Pamlico	Misc. species	106	106	304	78
Fish Pot	North	Blue crab	51	88	34	212
		American shad	879	41	55	92
		Catfish	1,866	1,269	2,715	7,880
	Pamlico	White perch	3,628	22,828	12,033	25,078
		Misc. species	39	971	286	0
		Misc. species	226	103	30	770
Gill Nets (Large Mesh)	Central	Blue crab	65	147	59	121
		American shad	81	406	1,193	361
		Hickory shad	28	55	110	55
		Atlantic menhaden	151	446	218	871
		Bluefish	315	566	923	169
		Sheepshead	620	523	1,531	348
		Speckled trout	25	34	54	27
		Weakfish (gray trout)	36	9	27	0
		Croaker, Atlantic	166	80	38	8
		Black drum	404	421	985	90
		Drum, Red	1,084	958	3,266	630
		Flounder	3,167	9,842	19,782	3,262
		Shellfish (misc.)	15	15	1	0
		Sharks and rays	166	649	1,857	640
		Misc. species	29	49	49	0
	North	Blue crab	145	0	0	903
		American shad	1,271	188	575	552
		Atlantic menhaden	169	2,542	1,250	1,380
		Catfish	660	409	813	329
		White perch	39	39	20	0
		Striped bass	659	428	2,557	859
		Bluefish	828	138	138	0
		Sheepshead	1,083	93	310	101
		Spot	36	53	44	0
		Croaker, Atlantic	991	684	656	62
		Black drum	450	3,283	7,383	282
		Drum, Red	1,204	252	789	464
		Flounder	2,723	7,173	13,988	1,976
		Sharks and rays	203	54	155	24
		Misc. species	3,605	3,398	10,450	2,922
Pamlico	Blue crab	343	819	251	490	
	American shad	742	1,261	4,439	766	
	Hickory shad	8	13	17	34	
	Atlantic menhaden	668	11,172	5,098	11,395	
	Striped bass	1,607	674	3,250	829	

Table 123. Landings and discards gear and area for each species, 2002 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
Gill Nets (Small Mesh)	Pamlico	Bluefish	447	256	403	186
		Sheepshead	534	289	873	88
		Speckled trout	350	300	854	44
		Weakfish (gray trout)	90	66	63	51
		Spot	35	18	18	0
		Croaker, Atlantic	259	262	180	160
		Black drum	852	1,035	2,768	367
		Drum, Red	1,427	599	2,071	966
		Flounder	5,724	17,602	30,741	7,041
		Sharks and rays	232	436	1,160	811
		Misc. species	286	477	1,389	187
	South	Blue crab	68	0	0	891
		American shad	93	279	828	27
		Atlantic menhaden	229	305	72	994
		Bluefish	167	122	165	18
		Pinfish	42	154	42	424
		Sheepshead	333	219	563	103
		Speckled trout	60	0	0	15
		Spot	9	1,807	1,066	0
		Black drum	96	42	140	0
		Drum, Red	884	788	2,288	731
		Flounder	2,780	10,470	19,805	4,876
		Shellfish (misc.)	9	4,419	221	0
		Sharks and rays	99	0	0	99
		Misc. species	87	51	155	24
	Central	Blue crab	142	130	47	17
		American shad	62	15	44	162
		Hickory shad	83	345	276	0
		Atlantic menhaden	540	12,082	5,897	8,164
		Bluefish	2,296	5,029	6,640	2,577
		Pinfish	437	744	162	7,381
		Sheepshead	90	41	99	0
		Speckled trout	1,282	1,084	1,833	240
Weakfish (gray trout)		289	488	738	326	
Spot		3,244	98,945	58,267	3,072	
Croaker, Atlantic		2,436	9,423	6,445	1,303	
Black drum		70	116	320	17	
Drum, Red		220	65	203	127	
Spanish mackerel		264	350	684	133	
Flounder		822	1,417	2,609	886	
Sharks and rays		104	107	305	122	
Misc. species		3,430	26,193	23,413	2,922	

Table 123. Landings and discards gear and area for each species, 2002 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
	North	American shad	968	329	1,208	1,631	
		Hickory shad	3,752	12,313	31,157	41,270	
		Atlantic menhaden	289	6,163	3,466	6,346	
		Catfish	185	224	1,112	193	
		White perch	698	2,265	1,494	207	
		Striped bass	1,198	675	2,761	1,124	
		Bluefish	836	1,250	1,450	188	
		Sheepshead	15	62	62	0	
		Speckled trout	225	113	233	105	
		Weakfish (gray trout)	202	36	36	0	
		Spot	1,203	7,371	5,298	777	
		Croaker, Atlantic	1,001	2,193	1,510	775	
		Black drum	380	412	732	159	
		Drum, Red	98	135	365	152	
		Flounder	35	242	637	98	
		Misc. species	6,175	37,478	28,968	7,045	
		Pamlico	Blue crab	27	261	71	126
			American shad	813	1,694	5,053	3,817
			Hickory shad	2,303	8,773	11,674	6,479
			Atlantic menhaden	1,279	17,417	8,558	17,557
	Catfish		97	97	138	276	
	White perch		1,173	124	70	456	
	Striped bass		767	181	510	378	
	Bluefish		1,653	4,476	4,818	1,075	
	Pinfish		215	871	182	963	
	Speckled trout		2,578	7,055	10,383	1,236	
	Weakfish (gray trout)		102	146	255	36	
	Spot		3,490	50,103	29,001	2,779	
	Croaker, Atlantic		3,712	22,110	16,173	2,623	
	Black drum		727	3,372	3,370	424	
	Drum, Red		427	219	837	947	
	Spanish mackerel		149	253	338	27	
	Flounder		776	1,164	2,152	879	
	Sharks and rays		62	96	275	153	
	Misc. species		6,410	32,940	24,272	5,153	
	South		Blue crab	9	136	53	0
		American shad	22	99	304	42	
		Atlantic menhaden	658	9,830	4,679	9,949	
		Catfish	27	187	551	27	
		Bluefish	3,886	11,289	15,312	3,046	
		Pinfish	281	2,107	581	2,075	
		Sheepshead	107	53	148	44	
		Speckled trout	3,093	5,084	8,448	755	
	Weakfish (gray trout)	178	297	492	0		

Table 123. Landings and discards gear and area for each species, 2002 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)		
	South	Spot	8,338	416,427	246,010	3,810		
		Croaker, Atlantic	3,163	15,210	11,381	1,275		
		Black drum	211	289	403	0		
		Drum, Red	45	22	75	27		
		Spanish mackerel	630	1,905	2,965	191		
		Flounder	1,262	2,033	4,567	1,960		
		Sharks and rays	92	74	223	88		
		Misc. species	3,765	22,162	19,590	2,019		
		Seine	Central	Shrimp	18	888	36	0
				Spot	18	0	0	666
Croaker, Atlantic	17			170	8	849		
Misc. species	150			7,394	470	15,467		
Trotline (unspecified)	South	Shrimp	36	3,614	136	0		
		Misc. species	18	452	133	181		
		Pamlico	Blue crab	19	29	29	10	
			Catfish	66	270	605	90	
Misc. species	43		14	42	29			
Shrimp Trawl	South	Blue crab	8	25	127	0		
		Catfish	87	349	1,322	74		
		Misc. species	18	0	0	89		
	Central	Shrimp	966	462,857	19,095	704		
		Blue crab	524	2,390	927	12,824		
		Spot	77	0	0	541		
		Croaker, Atlantic	77	0	0	387		
		Flounder	364	126	246	5,297		
		Misc. species	77	0	0	619		
		North	Shrimp	742	179,686	7,875	259	
Blue crab			584	3,620	1,404	22,563		
Weakfish (gray trout)			85	0	0	42		
Spot			112	0	0	529		
Croaker, Atlantic	157		0	0	3,104			
Flounder	403		222	433	2,296			
Misc. species	71		0	0	9			
Pamlico	Shrimp	2,220	1,291,794	48,983	222			
	Blue crab	1,558	32,274	11,815	55,443			
	Spot	133	0	0	8,879			
	Croaker, Atlantic	326	0	0	22,706			
	Flounder	795	112	283	17,456			

Table 123. Landings and discards gear and area for each species, 2002 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
	South	Shrimp	1,123	681,666	25,642	212
		Blue crab	636	3,289	1,271	5,573
		Atlantic menhaden	62	0	0	107
		Flounder	448	343	603	2,519
		Shellfish (misc.)	27	133	7	0
		Sharks and rays	18	18	51	0
Electric Shocking Device	South	Catfish	26	27	222	170
All				3,957,425	1,030,897	513,408

Table 124. Landings and discards gear and area for each species, 2003.

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
Crab Pot	Central	Spider crab	34	0	0	312
		Blue crab	5,566	86,149	38,505	20,812
		Gag grouper	18	0	0	18
		Pinfish	72	9	4	121
		Speckled trout	193	0	0	29
		Flounder	1,526	410	870	524
		Shellfish (misc.)	2,183	830	86	1,511
		Sharks and rays	68	0	0	29
	North	Blue crab	3,644	75,008	34,037	17,806
		Catfish	384	42	51	34
		Flounder	571	118	268	197
		Shellfish (misc.)	41	41	2	0
		Misc. species	300	0	0	183
	Pamlico	Blue crab	4,457	44,308	20,145	12,813
		Pinfish	105	0	0	53
		Speckled trout	84	17	101	25
		Drum, Red	96	10	37	48
		Flounder	803	345	674	391
		Shellfish (misc.)	256	0	0	107
	South	Blue crab	5,563	78,560	33,681	19,655
		Pinfish	123	61	31	61
		Croaker, Atlantic	26	0	0	9
		Flounder	1,428	276	467	568
		Shellfish (misc.)	2,221	1,808	363	2,287
		Misc. species	251	58	54	125
	Unknown	Blue crab	198	3,926	810	1,550
		Drum, Red	8	33	300	250
Shellfish (misc.)		116	39	2	0	

Table 124. Landings and discards gear and area for each species, 2003 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
Eel Pot	North	Blue crab	255	0	0	25	
		Catfish	124	0	0	8	
		Misc. species	379	372	581	126	
Fish Pot	Pamlico	Misc. species	122	17	9	9	
	Central	Shrimp	102	1,024	31	0	
		North	Catfish	50	17	34	25
		White perch	1,142	61,123	29,389	13,486	
	South	Blue crab	123	3,584	1,678	0	
Gill Nets (Large Mesh)	Central	Blue crab	843	1,739	762	1,161	
		American shad	43	386	1,315	17	
		Bluefish	671	1,393	1,060	886	
		Sheepshead	258	63	502	0	
		Speckled trout	110	84	159	42	
		Croaker, Atlantic	136	17	64	105	
		Black drum	339	360	703	144	
		Drum, Red	835	483	1,696	393	
		Flounder	2,760	8,582	17,659	2,962	
		Sharks and rays	106	0	0	88	
		Misc. species	97	454	389	17	
		North	Blue crab	312	1,273	581	877
			American shad	70	476	1,447	0
			Catfish	134	66	152	169
	Striped bass		59	109	496	9	
	Bluefish		117	158	264	84	
	Sheepshead		29	10	19	0	
	Speckled trout		85	18	44	0	
	Croaker, Atlantic		26	17	12	0	
	Black drum		57	56	107	39	
	Drum, Red		159	59	276	64	
	Flounder		539	1,697	2,997	515	
	Shellfish (misc.)		41	41	2	0	
	Misc. species		192	243	659	761	
	Pamlico	Blue crab	1,397	5,225	2,364	4,083	
		American shad	167	742	2,838	133	
		Hickory shad	79	0	0	9	
Atlantic menhaden		258	1,514	831	3,068		
Catfish		234	154	424	54		
White perch		17	0	0	50		
Striped bass		687	372	2,148	236		
Bluefish		250	851	1,396	59		
Pinfish		17	0	0	50		
Sheepshead		105	86	287	0		
Speckled trout	118	118	309	20			
Weakfish (gray trout)	20	80	169	20			

Table 124. Landings and discards gear and area for each species, 2003 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
Gill Nets (Small Mesh)	South	Croaker, Atlantic	249	74	54	52
		Black drum	197	27	122	18
		Drum, Red	371	105	422	252
		Flounder	3,616	12,070	20,400	3,025
		Sharks and rays	111	78	220	87
		Misc. species	240	33	17	314
		Blue crab	770	1,701	816	1,272
		American shad	242	1,947	6,638	50
		Atlantic menhaden	186	0	0	178
		Striped bass	223	19	101	8
		Bluefish	195	352	605	47
		Sheepshead	30	10	41	0
		Speckled trout	50	166	300	33
		Spot	96	4,049	2,523	0
		Black drum	296	90	175	0
	Drum, Red	281	91	352	109	
	Flounder	2,152	7,572	15,057	3,395	
	Sharks and rays	26	0	0	28	
	Misc. species	84	122	241	0	
	Unknown	Blue crab	9	0	0	88
		Flounder	61	210	420	53
	Central	Blue crab	573	6,859	2,277	1,621
		American shad	42	148	489	100
		Hickory shad	85	75	104	110
		Atlantic menhaden	87	3,075	1,517	0
		White perch	9	17	9	0
		Striped bass	8	17	117	0
		Bluefish	717	3,029	4,276	1,158
		Sheepshead	37	86	56	0
		Speckled trout	393	1,040	1,945	1,964
		Weakfish (gray trout)	10	10	22	0
		Spot	1,549	45,585	28,497	893
		Croaker, Atlantic	666	2,438	1,654	880
	Black drum	267	137	191	235	
	Drum, Red	195	36	123	17	
	Spanish mackerel	154	151	242	35	
	Flounder	1,156	3,273	7,527	2,449	
	Sharks and rays	29	0	0	116	
	Misc. species	1,099	13,406	11,892	623	

Table 124. Landings and discards gear and area for each species, 2003 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
	North	Blue crab	241	1,921	854	662	
		American shad	368	469	1,382	542	
		Hickory shad	1,732	4,568	7,085	13,430	
		Catfish	133	455	898	615	
		White perch	491	9,048	5,085	2,316	
		Striped bass	565	1,152	5,449	1,705	
		Yellow perch	9	0	0	9	
		Bluefish	221	277	559	230	
		Speckled trout	78	28	63	50	
		Spot	286	4,830	2,745	97	
		Croaker, Atlantic	259	883	498	83	
		Black drum	41	0	0	33	
		Drum, Red	93	62	290	58	
		Flounder	276	644	1,329	114	
		Sharks and rays	92	29	81	310	
		Misc. species	3,107	28,628	17,875	3,466	
		Pamlico	Blue crab	945	9,350	5,612	3,810
			American shad	1,095	3,717	12,834	4,531
			Hickory shad	1,076	4,468	6,747	3,292
	Atlantic menhaden		178	1,820	898	5,492	
	Catfish		252	60	239	131	
	White perch		144	228	210	125	
	Striped bass		391	404	1,836	327	
	Bluefish		371	1,495	2,308	385	
	Speckled trout		505	2,762	5,132	668	
	Weakfish (gray trout)		17	50	67	0	
	Spot		984	11,026	5,921	323	
	Croaker, Atlantic		1,088	7,926	4,832	2,576	
	Black drum		99	118	208	8	
	Drum, Red		179	46	137	406	
	Spanish mackerel		43	122	158	0	
	Flounder		1,255	2,856	5,227	1,578	
	Misc. species		2,693	27,976	20,056	3,849	
	South		Blue crab	1,033	7,602	4,030	1,928
			American shad	303	2,129	7,004	318
		Atlantic menhaden	89	1,684	580	790	
		White perch	63	512	256	48	
		Striped bass	10	10	52	0	
		Gag grouper	123	31	20	20	
		Bluefish	2,834	4,019	4,687	2,373	
		Pinfish	17	0	0	25	
		Sheepshead	17	44	218	0	
		Speckled trout	1,775	2,115	3,538	204	
	Weakfish (gray trout)	40	80	319	0		

Table 124. Landings and discards gear and area for each species, 2003 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
		Spot	8,129	353,144	215,187	5,356
		Croaker, Atlantic	1,665	7,256	4,675	794
		Black drum	1,115	1,437	2,315	1,290
		Drum, Red	509	242	949	295
		Spanish mackerel	975	1,163	1,772	195
		Flounder	2,388	6,001	12,679	2,425
		Sharks and rays	10	96	271	193
		Misc. species	1,731	8,012	8,607	314
	Unknown	Blue crab	192	2,499	174	958
		Spot	183	188	87	0
		Croaker, Atlantic	183	844	260	165
		Spanish mackerel	18	9	14	0
		Flounder	165	83	207	83
		Misc. species	18	44	40	0
Trotline (unspecified)	North	Catfish	83	116	522	17
		Flounder	17	17	52	0
	Pamlico	Blue crab	61	4,608	2,158	256
	South	Catfish	137	421	2,430	0
Shrimp Trawl	Central	Shrimp	216	119,604	4,100	1,111
		Blue crab	106	439	189	2,486
		Spot	68	0	0	520
		Croaker, Atlantic	35	0	0	438
		Flounder	89	17	41	645
	North	Shrimp	295	137,752	5,172	207
		Blue crab	276	2,375	1,112	18,584
		Speckled trout	48	0	0	241
		Spot	206	120	71	1,191
		Croaker, Atlantic	144	112	78	10,185
		Flounder	260	33	134	1,408
	Pamlico	Shrimp	1,439	592,960	24,622	425
		Blue crab	944	14,393	6,792	9,554
		Pinfish	17	0	0	1,240
		Speckled trout	205	0	0	51
		Spot	238	0	0	2,077
		Croaker, Atlantic	287	0	0	5,768
		Flounder	437	17	17	1,480
		Sharks and rays	205	0	0	61
	South	Shrimp	711	358,284	14,897	4,530
		Blue crab	353	2,906	1,363	3,758
		Spot	59	50	29	1,081
		Croaker, Atlantic	63	18	9	710
		Flounder	214	137	383	591

Table 124. Landings and discards gear and area for each species, 2003 (continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
Electric Shocking Device	Unknown	Shrimp	77	57,049	2,139	0
		Blue crab	44	0	0	438
	South	Catfish	8	99	248	0
All				2,311,395	764,899	266,565

Table 125. Landings and discards gear and area for each species, 2004.

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
Crab Pot	Central	Spider crab	37	0	0	9	
		Blue crab	5,410	72,976	23,756	20,305	
		Catfish	37	0	0	19	
		Sheepshead	76	0	0	84	
		Speckled trout	142	38	79	38	
		Drum, Red	241	19	52	18	
		Flounder	1,958	515	1,035	696	
		Puffer (blow toad)	103	0	0	29	
		Shellfish (misc.)	1,510	1,402	217	649	
	North	Blue crab	3,838	71,104	25,179	17,529	
		Catfish	164	0	0	46	
		Speckled trout	54	0	0	36	
		Drum, Red	37	0	0	28	
		Flounder	254	53	111	244	
		Shellfish (misc.)	18	12	1	0	
		Pamlico	Blue crab	5,590	57,222	20,493	22,824
			Catfish	460	36	45	27
			Oyster toad	109	0	0	272
	White perch		277	0	0	9	
	Sunfishes		93	0	0	9	
	Pinfish		334	0	0	147	
	Spot		37	0	0	19	
	Drum, Red		191	9	37	64	
	Flounder		1,762	242	505	525	
	South	Misc. species	19	0	0	9	
		Blue crab	5,175	72,781	24,495	21,484	
		Oyster toad	138	0	0	92	
		Speckled trout	28	0	0	14	
		Drum, Red	19	0	0	37	
		Flounder	1,052	396	830	698	
		Shellfish (misc.)	1,477	587	29	848	
		Unknown	Blue crab	221	4,449	1,517	1,514
			Flounder	54	0	0	9
Shellfish (misc.)	36		27	1	9		
Eel Pot	North	American eel	30	40	30	181	

Table 125. Landings and discards gear and area for each species, 2004 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
Fish Pot	Central	Minnow	36	5,442	227	907	
		North	Shrimp	27	9	0	0
			American eel	37	0	0	111
			Catfish	210	329	379	510
			White perch	617	21,080	9,056	7,350
			Pinfish	37	0	0	692
		Pamlico	Atlantic menhaden	18	38	18	0
		South	Shrimp	10	251	9	0
	Gill Nets (Large Mesh)	Central	Blue crab	565	731	173	960
			Atlantic menhaden	82	544	272	139
Bluefish			294	167	224	36	
Pinfish			9	0	0	45	
Sheepshead			616	130	367	37	
Speckled trout			189	19	94	19	
Spot			47	267	158	30	
Croaker, Atlantic			29	29	36	40	
Black drum			18	27	72	0	
Drum, Red			805	214	558	230	
Flounder			2,937	7,654	16,656	2,374	
Sharks and rays			65	9	25	138	
Misc. species			283	118	106	533	
North		Blue crab	193	147	51	410	
		American shad	19	0	0	95	
		Atlantic menhaden	27	0	0	9	
		Catfish	27	9	45	0	
		Striped bass	103	38	181	94	
		Bluefish	120	28	40	114	
		Sheepshead	47	9	19	0	
		Black drum	47	95	190	0	
		Drum, Red	83	27	90	175	
		Flounder	704	6,897	9,846	1,772	
		Sharks and rays	73	0	0	109	
		Misc. species	170	193	77	388	
		Pamlico	Blue crab	1,509	7,638	3,735	5,434
American shad			91	447	1,544	48	
Hickory shad			81	290	410	241	
Atlantic menhaden			64	461	92	408	
Catfish			45	133	364	0	
Striped bass	460		338	1,591	180		
Bluefish	631		522	533	659		
Sheepshead	132		37	63	0		
Speckled trout	19		9	19	9		
Spot	189		477	347	113		
Croaker, Atlantic	255		157	105	170		

Table 125. Landings and discards gear and area for each species, 2004 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
Gill Nets (Small Mesh)	South	Black drum	215	37	79	104	
		Drum, Red	968	149	650	1,207	
		Flounder	3,125	9,799	18,447	4,457	
		Shellfish (misc.)	37	0	0	9	
		Sharks and rays	109	0	0	220	
		Misc. species	223	56	74	1,935	
		Blue crab	305	566	362	486	
		American shad	248	1,485	5,117	235	
		Atlantic menhaden	9	0	0	28	
		Bluefish	457	492	720	218	
		Sheepshead	55	19	50	0	
		Spot	56	887	658	0	
		Croaker, Atlantic	27	18	9	0	
		Black drum	178	98	286	98	
		Drum, Red	532	149	628	284	
	Flounder	2,252	8,248	15,601	3,027		
	Sharks and rays	57	0	0	19		
	Misc. species	64	63	45	9		
	Unknown	Blue crab	82	398	139	54	
		Striped bass	38	0	0	28	
		Bluefish	18	0	0	18	
		Spot	12	61	6	0	
		Croaker, Atlantic	18	18	9	18	
		Flounder	572	1,458	2,981	322	
		Sharks and rays	54	0	0	136	
		Misc. species	12	80	120	0	
		Blue crab	376	1,354	534	908	
		Central	Hickory shad	9	18	9	9
			Atlantic menhaden	9	57	38	57
			White perch	30	0	0	60
			Bluefish	1,051	3,658	5,693	1,038
			Pinfish	30	0	0	40
			Speckled trout	754	613	1,364	489
	Weakfish (gray trout)		65	111	148	0	
	Spot		1,835	59,971	42,994	1,697	
	Sea mullet (whitting)		19	19	19	0	
	Croaker, Atlantic		1,007	2,453	1,598	432	
	Black drum		680	276	674	326	
	Drum, Red		535	163	701	352	
	Spanish mackerel	283	185	645	399		
	Flounder	1,098	2,217	5,137	1,503		
	Sharks and rays	37	18	9	83		
Misc. species	1,342	19,354	19,373	386			

Table 125. Landings and discards gear and area for each species, 2004 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)	
	North	Blue crab	106	607	212	750	
		American eel	19	0	0	83	
		Hickory shad	495	2,028	2,406	1,012	
		Atlantic menhaden	9	63	30	63	
		Catfish	155	205	269	47	
		White perch	420	2,972	1,743	1,156	
		Striped bass	320	255	1,125	402	
		Bluefish	186	310	538	18	
		Speckled trout	134	81	141	0	
		Weakfish (gray trout)	9	9	13	0	
		Spot	305	3,052	1,470	216	
		Croaker, Atlantic	321	1,287	803	27	
		Black drum	54	54	120	0	
		Drum, Red	31	213	176	19	
		Spanish mackerel	71	9	9	0	
		Flounder	340	594	764	180	
		Misc. species	1,284	12,640	9,531	391	
		Pamlico	Blue crab	1,107	6,891	4,011	3,249
			American shad	334	472	1,522	0
			Hickory shad	634	3,446	4,802	2,032
	Atlantic menhaden		194	1,733	832	6,350	
	Catfish		37	9	9	9	
	White perch		212	537	257	28	
	Striped bass		181	267	711	420	
	Bluefish		847	1,178	1,344	917	
	Speckled trout		814	987	1,996	222	
	Weakfish (gray trout)		170	90	124	0	
	Spot		1,534	13,437	8,065	310	
	Croaker, Atlantic		1,277	5,156	3,360	632	
	Black drum		546	391	797	348	
	Drum, Red		533	357	1,488	1,138	
	Flounder		1,334	2,116	3,934	1,820	
	Sharks and rays		181	102	287	2,040	
	Misc. species		2,308	21,097	14,267	1,870	
	South		Blue crab	915	1,267	460	1,948
			American shad	39	173	520	77
			Hickory shad	180	1,423	4,745	1,194
		Atlantic menhaden	272	1,412	714	1,720	
		Catfish	47	171	237	0	
		White perch	27	992	449	37	
		Bluefish	2,302	3,626	4,388	1,240	
		Pinfish	18	0	0	1,011	
		Sheepshead	36	9	36	0	
		Speckled trout	2,074	1,995	3,322	407	

Table 125. Landings and discards gear and area for each species, 2004 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
		Weakfish (gray trout)	81	138	210	0
		Spot	7,715	325,531	192,258	7,692
		Sea mullet (whitting)	37	167	300	19
		Croaker, Atlantic	2,482	8,751	5,003	1,329
		Black drum	620	476	1,407	433
		Drum, Red	168	58	239	189
		Spanish mackerel	519	677	1,353	19
		Butterfish	9	0	0	107
		Flounder	2,109	3,779	7,358	3,577
		Sharks and rays	95	40	113	114
		Misc. species	1,674	6,991	5,579	1,013
	Unknown	White perch	27	27	27	0
		Striped bass	14	14	43	0
		Bluefish	94	65	83	218
		Speckled trout	65	18	65	9
		Spot	280	7,539	5,904	228
		Croaker, Atlantic	83	302	167	47
		Black drum	65	27	27	28
		Drum, Red	38	0	0	38
		Flounder	122	465	827	634
		Misc. species	60	196	134	0
Seine	Central	Shrimp	45	24,188	907	0
		Killifishes	9	1,786	89	3,571
		Misc. species	9	893	45	893
	South	White perch	10	0	0	40
		Spot	10	221	150	0
		Misc. species	10	10	10	0
Trotline (unspecified)	Central	Catfish	30	120	501	0
	Pamlico	Blue crab	46	915	315	981
	South	Shrimp	100	13,373	501	0
		Catfish	58	684	3,257	58
Shrimp Trawl	Central	Shrimp	300	181,372	6,966	229
		Blue crab	91	0	0	1,538
		Sheepshead	27	0	0	9
		Flounder	37	0	0	218
		Shellfish (misc.)	10	0	0	30
	North	Shrimp	911	227,185	9,374	290
		Blue crab	575	1,310	488	4,642
		Catfish	45	91	276	91
		Striped bass	107	0	0	54
		Spot	99	0	0	517
		Croaker, Atlantic	349	4,464	2,815	9,771
		Flounder	403	714	1,500	1,200
		Sharks and rays	9	0	0	28

Table 125. Landings and discards gear and area for each species, 2004 (Continued).

Gear	Area	Species	Number of Trips	Landings (number)	Landings (pounds)	Discards (number)
		Misc. species	9	0	0	1,390
	Pamlico	Shrimp	2,082	526,669	19,963	2,047
		Blue crab	1,705	26,791	10,809	30,005
		Atlantic menhaden	54	0	0	2,678
		White perch	54	0	0	1,786
		Spot	428	72	48	9,907
		Croaker, Atlantic	392	163	20	11,115
		Flounder	437	18	18	771
		Sharks and rays	27	0	0	272
		Misc. species	45	71	36	89
	South	Shrimp	326	131,740	5,810	347
		Blue crab	194	2,227	826	3,152
		Weakfish (gray trout)	20	0	0	501
		Spot	85	861	667	2,472
		Croaker, Atlantic	40	60	30	552
		Flounder	109	170	365	1,653
		Misc. species	20	120	50	40
	Unknown	Shrimp	36	7,004	167	1,401
		Blue crab	18	104	36	142
		Flounder	9	0	0	38
Electric Shocking Device	South	Catfish	18	46	369	293
All				2,053,877	640,636	277,685

Table 126. Harvest per trip (number & pounds) for RCGL, 2002 through 2004.

Gear	Species	Year					
		2002		2003		2004	
		Harvest per trip (numbers)	Harvest per trip (pounds)	Harvest per trip (numbers)	Harvest per trip (pounds)	Harvest per trip (numbers)	Harvest per trip (pounds)
Crab Pot	Blue crab	15.48	5.77	16.58	7.23	16.29	5.52
	Catfish	0.77	1.88	0.23	0.26	0.27	0.35
	Speckled trout	0.21	0.32	0.2	1.2	0.27	0.55
	Drum, Red	0.08	0.29	2.05	18.19	0.18	0.65
	Flounder	1.65	2.56	0.56	1.09	0.59	1.23
Gill Nets (Large Mesh)	Blue crab	3.21	1.2	4.29	1.97	5.49	2.61
	Herring, River			4	2	3.33	1.33
	American shad	2.24	7.08	7.91	27.44	5.8	21.18
	Hickory shad	1.79	3			4.94	6.26
	Catfish	1.14	2.52	1.93	5.1	1.91	5.76
	White perch	1	0.52				
	Striped bass	0.81	4.26	1.32	7.01	1.21	5.33
	Bluefish	3.34	4.55	3.36	3.98	1.26	1.74
	Speckled trout	1.08	2.75	1.73	3.73	0.26	0.91
	Spot	67.33	39.9	67.17	41.92	8.56	4.87
	Croaker, Atlantic	1.14	0.77	0.9	1.53	1.01	0.82
	Black drum	2.53	6.04	0.89	1.98	1.07	2.63
	Drum, Red	1.22	3.93	0.78	2.77	0.67	2.16
	Flounder	4.14	7.91	3.66	7.1	3.94	7.77
	Gill Nets (Small Mesh)	Blue crab	8.42	2.69	15.12	7.11	6.84
Herring, River		11.67	6.32	17.06	10.01	13.44	6.1
American shad		2.94	9.33	4.97	16.35	2.24	7.13
Hickory shad		5.62	12.35	4.48	6.71	5.9	8.86
Catfish		2.93	6.89	4.45	8.84	3.52	4.86
White perch		6.84	3.83	12.46	7.1	10.18	5.22
Striped bass		1.64	6.12	3.57	17.39	2.65	8.23
Bluefish		3.2	4.27	3.65	5	2.62	3.28
Speckled trout		2.12	3.22	4.34	8.11	1.61	3.01
Spot		43.74	25.82	42.06	24.53	37.37	21.7
Croaker, Atlantic		6.5	4.47	7.02	4.41	5.12	2.99
Black drum		3.18	4.18	3.62	6.36	1.44	3.03
Drum, Red		1.37	4.41	0.82	2.92	1.95	6.27
Flounder		2.66	5.56	3.53	7.44	2.51	4.97
Shrimp Trawl		Shrimp	522.32	20.79	532.66	20.82	316.07
	Blue crab	16.35	6.23	15.91	7.39	16.97	6.59
	Catfish					2	6.08
	Spot			1.86	1.1	7.05	5.33
	Croaker, Atlantic			1.87	1.27	16.58	9.2
	Flounder	2.34	4.47	0.74	2.12	4.09	8.64

Table 127. RCGL ownership: How many years have you had a RCGL?

	Number of Years (Mean=2.5, PSE=0.8)				Response	No Response
	1	2	3	4 or more*		
Number	440	699	446	569	2,154	569
Percent	20.43	32.45	20.71	26.42	95.99	4.01

Margin of error = 1.8%

* The RCGL was implemented July 1999 and therefore was only available for purchase a maximum of three years between its implementation and the time of the 2001 Annual Survey.

Table 128. Purchase location: Where did you purchase your most recent RCGL?

	Purchase Location		Response	No Response
	NC DMF	other		
Number	467	1,647	2,114	96
Percent	22.09	77.91	95.65	4.34

Margin of error = 1.5%

Table 129. Renew: I plan to renew my RCGL when it expires.

	Level of Agreement (Mean Rank=4.3, PSE=0.4)					Response	No Response
	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree		
Ranking	1	2	3	4	5		
Number	86	37	198	765	1,146	2,232	7
Percent	3.85	1.66	8.87	34.27	51.34	99.69	0.31

Margin of error = 1.8%

Table 130. Other licenses: What other fishing licenses do you have besides a RCGL?

	License Type				Response	No Response
	NC DMF Shellfish	NC DMF Standard Commercial	NC WRC Inland/Joint Fishing	Other		
Number	180	106	963	34	1,283	927
Percent	14.03	8.26	75.06	2.65	58.05	41.95

*Participants could enter multiple responses for this question.

Table 131. Rules: I am familiar with the rules and regulations governing the use of a RCGL.

	Level of Agreement (Mean Rank=4.0, PSE=0.4)					Response	No Response
	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree		
Ranking	1	2	3	4	5		
Number	68	65	285	1,248	560	2,226	13
Percent	3.05	2.92	12.80	56.06	25.16	99.42	0.58

Margin of error = 1.9%

Table 132. Media: What media sources do you use to obtain information on current or proposed fishing rules in coastal waters?

	Media Type									
	Radio	TV	Newspaper	Postings at Boat Ramp	Internet	Call the NC DMF	Word of Mouth	Other	Response *	No Response
Number	357	632	1,375	854	583	983	1,396	7	6,187	31
Percent	5.77	10.2	22.22	13.80	9.42	15.89	22.56	0.11	99.50	0.50

*Participants could enter multiple responses for this question.

Table 133. Access: What is your typical point of access for fishing trips using RCGL gear? (2001 Annual Survey)

	Access type							Response*	No Response
	WRC boat ramp	public boat ramp	private boat ramp	beach/bank	water access at residence	marina/ramp	other		
Number	1,007	784	154	644	458	1	3,048	11	
Percent	33.04	25.72	5.05	21.13	15.03	0.03	99.64	0.36	

*Participants could enter multiple responses for this question.

Table 134. Gear saturation: There is too much gear in the water where I fish.

	Level of Agreement (Mean Rank=2.8, PSE=0.8)						Response	No Response
	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree			
Ranking	1	2	3	4	5			
Number	283	881	395	421	239	2,219	21	
Percent	12.75	39.70	17.80	18.97	10.77	99.06	0.94	

Margin of error = 1.8%

Table 135. Allowed gear: I think I should be allowed to use more gear with the RCGL.

	Level of Agreement (Mean Rank=3.8, PSE=0.6)						Response	No Response
	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree			
Ranking	1	2	3	4	5			
Number	85	243	464	650	769	2,211	28	
Percent	3.84	10.99	20.99	29.40	37.78	98.75	1.25	

Margin of error = 1.8%

Table 136. Bag limits: I am satisfied with the bag limits for the RCGL.

	Level of Agreement (Mean Rank=3.2, PSE=0.7)					Response	No Response
	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree		
Ranking	1	2	3	4	5		
Number	322	374	292	1,010	221	2,219	20
Percent	14.51	16.85	13.16	45.52	9.96	99.11	0.89

Margin of error = 1.8%

Table 137. Commercial conflicts: I do not have conflicts with commercial fishermen.

	Level of Agreement (Mean Rank=3.8, PSE=0.6)					Response	No Response
	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree		
Ranking	1	2	3	4	5		
Number	180	234	161	1,027	624	2,226	14
Percent	8.09	10.51	7.23	46.14	28.03	99.38	0.63

Margin of error = 1.8%

Table 138. Recreational conflicts: I do not have conflicts with recreational hook and line (rod-n-reel) fishermen.

	Level of Agreement (Mean Rank=4.3, PSE=0.4)					Response	No Response
	Strongly Disagree	Disagree	Not Sure	Agree	Strongly Agree		
Ranking	1	2	3	4	5		
Number	42	58	72	1,175	882	2,229	11
Percent	1.88	2.60	3.23	52.71	39.57	99.51	0.49

Margin of error = 1.8%

Table 139. Birthplace: Were you born in North Carolina?

	Yes	No	Response	No Response
Number	1,668	505	2,173	52
Percent	76.76	22.70	97.66	2.34

Margin of error = 1.8%

Table 140. Residence: How many years have you lived in North Carolina?

	Years of NC Residence (Mean=46.7 years, PSE=0.9)				Response	No Response
	less than 20	21 to 40	41 to 60	more than 60		
Number	215	465	804	479	1,963	281
Percent	10.95	23.69	40.96	24.40	87.48	12.52

Margin of error = 2.0%

Table 141. Age: How old were you on December 31, 2001?

	Age as of 12/31/01 (Mean=55.7 years, PSE=0.6)					Response	No Response
	16	17 to 25	26 to 40	41 to 60	more than 60		
Number	5	25	288	1,035	843	2,196	48
Percent	0.23	1.14	13.11	47.13	38.39	97.86	2.14

Margin of error = 1.8%

Table 142. Marital status: What is your current marital status?

	Marital Status					Response	No Response
	Married	Divorced	Widowed	Separated	Never-		
Number	1,875	149	61	21	79	2,185	41
Percent	85.81	6.82	2.79	0.96	3.62	98.16	1.84

Margin of error = 1.8%

Table 143. Ethnic group: What is your ethnic group?

	Ethnic Group					Response	No Response
	Hispanic/ Latino	Caucasian/ White	African- American/ Black	Asian-Pacific Islander	Native American		
Number	6	2,025	16	2	130	2,179	65
Percent	0.28	92.93	0.73	0.09	5.97	97.10	2.90

Margin of error = 1.8%

Table 144. Gender: What is your gender?

	Gender		Response	No Response
	Female	Male		
Number	95	2,056	2,151	69
Percent	4.42	95.58	96.89	3.11

Margin of error = 1.8%

Table 145. Education: What was the highest grade you completed in school?

	Education				Response	No Response
	less than high school	high school diploma	some college/ technical school	college diploma or advanced degree		
Number	272	623	724	557	2,176	52
Percent	12.50	28.63	33.27	25.60	97.67	2.33

Margin of error = 1.8%

Table 146. Household: How many people live in your household?

	Number of People in Household (Mean=2.9 people, PSE=3.8)					Response	No Response
	1	2	3	4	more than 5		
Number	158	1,154	372	245	114	2,043	185
Percent	7.73	56.49	18.21	11.99	5.58	91.70	8.30

Margin of error = 1.9%

Table 147. Income: What is the total income of all people who live in the same place as you?

	Income Range (PSE=0.6)							Response	No Response
	less than \$5,000	\$5,001 to \$15,000	\$15,001 to \$30,000	\$30,001 to \$50,000	\$50,001 to \$75,000	\$75,001 to \$100,000	more than \$100,000		
Number	15	81	333	510	464	270	251	1,924	274
Percent	0.78	4.21	17.31	26.51	24.12	14.03	13.05	87.53	12.47

Margin of error = 2.0%

Table 148. Dependents: Did you have children or grandchildren under the age of 16 who fished on your RCGL in 2001?

	Yes	No	Response	No Response
Number	518	1,637	2,155	49
Percent	24.04	75.96	97.78	2.22

Margin of error = 1.8%

Table 149. Dependents: How many children or grandchildren fished on your RCGL in 2001? (from individuals that answered YES in Table 27).

	Number of Children/Grandchildren (Mean=1.9 children, PSE=3.1)						Response	No Response
	1	2	3	4	5	more than 5		
Number	269	151	43	24	12	19	518	1,691
Percent	51.93	29.15	8.30	4.63	2.32	3.67	24.58	75.42

Margin of error = 4.2%

Table 150. RCGLS in household: How many individuals, living at your residence, have a RCGL?

	Number of Individuals with RCGL (Mean=1.1 Individual(s), PSE=0.9)				Response	0 or No Response*
	1	2	3	more than 3		
Number	1,719	167	3	4	1,893	351
Percent	90.81	8.82	0.16	0.21	84.36	15.64

Margin of error = 2.0%

Table 151. Nights: How many nights was the trip? (for overnight trips only).

	Number of Nights of Trip (Mean=3.3 nights, PSE=3.5)								Response	No Response
	1	2	3	4	5	6 to 10	11 to20	> 20		
Number	218	271	113	41	43	77	35	2	800	1,438
Percent	27.25	33.88	14.13	5.13	5.38	9.63	4.38	0.25	35.75	64.25

Margin of error = 3.3%

Table 152. Miles: How many miles did you travel?

Trip Type	Miles Traveled					Response	No
	less than 50	51 to 100	101 to 150	151 to 200	more than		
OVERNIGHT	(Mean= 179.5 miles, PSE=4.2)						
Number	154	196	164	109	216	839	1,402
Percent	18.36	23.36	19.55	12.99	25.74	37.44	62.56
DAY ²	(Mean = 67.0 miles, PSE=4.6)						
Number	437	190	68	37	36	768	1,445
Percent	56.90	24.74	8.85	4.82	4.69	34.70	65.30

¹ Margin of error = 3.2%

² Margin of error = 3.4%

Table 153. People fishing: How many people who went on the trip fished?

Trip Type	Number that Fished					Response	No Response
	1	2	3	4	5 or more		
OVERNIGHT ¹	(Mean=3.0, PSE=2.7)						
Number	78	397	134	132	98	839	1,405
Percent	9.30	47.32	15.97	15.73	11.68	37.39	62.61
DAY ²	(Mean = 2.6, PSE=4.2)						
Number	74	421	140	93	29	757	1,479
Percent	9.78	55.61	18.49	12.29	3.83	33.86	66.14

¹ Margin of error = 3.3%

² Margin of error = 3.4%

Table 154. People not fishing: How many people who went on the trip did not fish?

Trip Type	Number That Did Not Fished					Response	No Response
	1	2	3	4	5 or more		
OVERNIGHT ¹	(Mean= 2.2, PSE=9.3)						
Number	121	70	19	17	12	239	2,005
Percent	50.63	29.29	7.95	7.11	5.02	10.65	89.35
DAY ²	(Mean = 1.6 , PSE=5.9)						
Number	81	29	11	3	3	127	2,117
Percent	63.78	22.83	8.66	2.36	2.36	5.57	94.43

¹ Margin of error = 6.3%

² Margin of error = 8.7%

Table 155. Lodging: How much did you pay for lodging per night?

	Amount Spent on Lodging (Mean=\$80.26, PSE=8.6)				Response	No Response
	<\$30	\$31 to \$60	\$61 to \$100	more than \$100		
Number	53	149	141	46	101	1,855
Percent	13.62	38.30	36.25	11.83	17.34	82.66

Margin of error = 9.7%

Table 156. Food: How much did you pay for food?

Trip Type	Amount Spent on Food					Response	No Response
	<\$10	\$11 to \$30	\$31 to \$60	\$61 to \$100	\$100 or more		
OVERNIGHT	(Mean=\$77.99 , PSE=7.1)						
Number	43	222	216	133	91	705	1,539
Percent	6.10	31.49	30.64	18.87	12.91	31.42	68.58
DAY ²	(Mean = \$24.32, PSE=9.3)						
Number	235	231	64	14	8	552	1,692
Percent	42.57	41.85	11.59	2.54	1.45	24.60	75.40

¹ Margin of error = 3.5%² Margin of error = 4.0%**Table 157. Ice: How much did you pay for ice?**

Trip Type	Amount Paid for Ice					Response	No Response
	<\$10	\$11 to \$30	\$31 to \$60	\$61 to \$100	\$100 or more		
OVERNIGHT	(Mean= \$13.62, PSE=8.2)						
Number	489	128	23	8	8	656	1588
Percent	74.54	19.51	3.51	1.22	1.22	29.23	70.77
DAY ²	(Mean = \$5.9, PSE=5.8)						
Number	488	42	4	0	1	538	1709
Percent	90.54	7.79	0.74	0.00	0.19	23.84	76.16

¹ Margin of error = 3.7%² Margin of error = 4.1%**Table 158. Bait: How much did you pay for bait?**

Trip Type	Amount Paid for Bait					Response	No Response
	<\$10	\$11 to \$30	\$31 to \$60	\$61 to \$100	\$100 or more		
OVERNIGHT	(Mean=\$22.38 , PSE=7.4)						
Number	228	190	38	20	9	485	1,759
Percent	47.01	39.18	7.84	4.12	1.86	21.61	78.39
DAY ²	(Mean = \$11.01 , PSE=5.5)						
Number	245	90	11	0	1	349	1,897
Percent	70.61	25.94	3.17	0.00	0.29	15.46	84.54

¹ Margin of error = 4.3%² Margin of error = 5.2%

Table 159. Fuel: How much did you pay for fuel and oil?

Trip Type	Amount Paid for Fuel and Oil					Response	No Response
	<\$10	\$11 to \$30	\$31 to \$60	\$61 to \$100	\$100 or more		
OVERNIGHT ¹	(Mean=\$65.97 , PSE=7.5)						
Number	118	254	215	90	83	760	1484
Percent	15.53	33.42	28.29	11.84	10.92	33.87	66.13
DAY ²	(Mean =\$33.19 , PSE=8.9)						
Number	221	314	100	33	27	695	1549
Percent	31.80	45.18	14.39	4.75	3.88	30.97	69.03

¹ Margin of error = 3.4%² Margin of error = 3.6%**Table 160. Rental: How much did you pay for equipment rental?**

Trip Type	Amount Paid for Equipment Rental					Response	No Response
	<\$50	\$51 to \$100	\$101 to \$200	\$201 to \$400	\$400 or more		
OVERNIGHT ¹	(Mean=\$268.17 , PSE=26.3)						
Number	6	3	8	1	5	23	2,218
Percent	26.09	13.04	34.78	4.35	21.74	1.03	98.97
DAY ²	(Mean =\$91.12, PSE=69.82)						
Number	14	0	2	0	1	17	2,224
Percent	0.62	0.00	0.09	0.00	0.04	0.76	99.24

¹ Margin of error = 20.9%² Margin of error = 24.5%

APPENDICES

Appendix 11. Summary of authorized gears that can be used by Recreational Commercial Gear License (RCGL) holders. Refer to a current copy of the North Carolina Fisheries Rules for Coastal Waters for the entire description.

Gear Type	Related G.S. & NCAC References	Comments
Gill Nets	G.S. 113-173 (c) 2 15A NCAC 3O .0302 (a) (5) 15A NCAC 3J .0103 (c)	<p>An individual RCGL fisher is allowed a maximum of 100 yards of gill net. When two or more RCGL license holders fish together on the same boat the maximum amount of gill net is increased to 200 yards. The minimum mesh size allowed for gill nets is 2-1/2 inches.</p> <p>Attendance of gill nets with a mesh size less than 5-1/2 inches is required at all times. Nets with mesh sizes of 5-1/2 inches or greater is required from one hour after sunrise to one hour before sunset.</p> <p>Marking Requirements: Two solid yellow buoys and one solid hot pink buoy on each end of the net. The RCGL holder's last name and initials must be engraved on a buoy at each end of the net</p>
Pots/Traps	NCAC 3O .0302 (a) (3)	<p>A total of five pots/traps (crab, eel, fish, or shrimp) can be used in any combination, except only two pots of the five may be eel pots.</p> <p>Crab pots must have two escapement rings with an inside diameter of 2-5/16 inches or greater.</p> <p>Shrimp pots cannot have a mesh size smaller than 1-1/4" inches stretched or 5/8" inch bar mesh.</p>
Shrimp Trawl	NCAC 3O .0302 (a) (2)	<p>A shrimp trawl with a maximum head rope size of 26 feet and minimum mesh size of 1-1/2 inches stretched mesh.</p> <p>Shrimp trawls must be equipped with a bycatch reduction device.</p> <p>Mechanical methods cannot be used when retrieving a trawl net.</p>
Trotlines	15A NCAC 3O .0302 (a) (4)	A multiple hook or multiple bait trotline cannot exceed 100 feet.
Seines	15A NCAC 3O .0302 (a) (1)	<p>Seines greater than 30 feet to a maximum of 100 feet with a maximum mesh size less than 2-1/2 inches can be used.</p> <p>If the seine is used for taking shrimp the minimum mesh size is 1-1/4 inches stretched mesh.</p> <p>Seines cannot be used to take shrimp from an area closed to trawling.</p> <p>Seines cannot be deployed or retrieved from a vessel and mechanical methods cannot be used for retrieving the seine.</p>
Electric Devices	15A NCAC 3O .0302 (a) (6) 15A NCAC 3J .0304	A hand-operated device generating pulsating electrical current for the taking of catfishes in the Cape Fear River between Lock and Dam No. 1 in Bladen County downstream to where the Black River joins the Cape Fear River.

Appendix 12. 2001 Annual survey questionnaire.

State of North Carolina
Department of Environment
and Natural Resources
Division of Marine Fisheries
Michael F. Easley., Governor
William G. Ross, Jr., Secretary
Preston P. Pate, Jr., Director



March 15, 2002

The North Carolina Division of Marine Fisheries (NC DMF) is conducting a survey of individuals who have purchased a Recreational Commercial Gear License (RCGL). You were identified as possessing a RCGL license in 2001. General Statute 113-173 and 113-170.3 requires all RCGL holders to take part in NC DMF reporting requirements.

As a recreational fisher, you are aware that rules and regulations are routinely enacted that impact how you are able to fish. Decisions are made based on the best information available at the time. The information from this survey will be used to assist the Marine Fisheries Commission in evaluating future management of the fisheries in coastal North Carolina. It is important that you participate in this survey and answer as many questions as you can to insure results will be truly representative of all recreational commercial gear license (RCGL) holders. You may be assured of **complete confidentiality**. Your answers to the questions will be combined with the answers of all the others that participate. At no time will your name ever be released with any of your individual answers.

In addition to questions concerning your use of gears requiring a RCGL, we have included questions about flounder gigging and shellfish fishing. A RCGL is not required for gigging flounder nor is one required for any non-mechanical shellfish fishing. However, we have included questions about these activities because data from flounder gigging and recreational shellfish data are lacking.

Please don't be discouraged or frightened by the length of the survey. The survey should take approximately ten (10) minutes to complete. We have also enclosed example segments of completed surveys to assist you. Please return your completed survey within two weeks using the enclosed postage-paid envelope. The NC DMF will award the first 100 survey respondents with fishing towels in appreciation of their participation. Should you have any questions or comments, please contact Chris Wilson at 252-946-6481, ext. 288 at Chris.Wilson@ncmail.net.

Thank you again for participating.

Appendix 12. 2001 Annual survey questionnaire (continued).

Instructions and Examples



If you did not fish any (commercial type) gear utilizing your RCGL license in 2001 then check the box following the address information and return the survey. Please be sure to include your license number, name and address.

Check here if NO fishing activity occurred during 2001. Please fill out the above License Holder Information above and return the survey.

The following box contains an example of "filled out" portion of the **General License Information** section.

General License Information	
How many years of experience do you have fishing "commercial type" gear?	6
How many years have you had a RCGL?	2
What other hunting or fishing licenses do you have besides a RCGL?	
<input checked="" type="checkbox"/> NC Wildlife Resources Commission (WRC) inland fishing	<input type="checkbox"/> NC Standard Commercial Fishing License

The following box contains an example of a "filled out" portion of the **Summary of Fishing Activity** section if the fisher set small mesh nets for weakfish and black drum twice (2) in September in the Pamlico River; three (3) times in September in the Neuse River; and once (1) in October in the New River. In addition to catching weakfish and black drum, the fisher caught spot and croaker.

Summary of Fishing Activity	
Gill Nets (small mesh, less than 5 1/2 inch stretched mesh)	
Please record the approximate total number of trips taken each month	
January _____ February _____ March _____ April _____	
July _____ August _____ 5 September 1 October _____	
Please check all waterbodies that you fished in 2001 using RCGL gear:	
<input type="checkbox"/> Currituck Sound	<input type="checkbox"/> North River
<input type="checkbox"/> Lockwood Folly River	<input type="checkbox"/> Pamlico River (Carteret County)
<input type="checkbox"/> Masonboro Sound	<input checked="" type="checkbox"/> Pamlico River
<input checked="" type="checkbox"/> Neuse River	<input type="checkbox"/> Pamlico Sound
<input checked="" type="checkbox"/> New River	<input type="checkbox"/> Pungo River
<input type="checkbox"/> Newport River	<input type="checkbox"/> Roanoke River
<input type="checkbox"/> Topsail Sound	<input type="checkbox"/> White Oak River
<input type="checkbox"/> List others _____	
Note: Use the North Carolina Waterbodies list on the back of this sheet to aid in determination of which "major" waterbody to check.	
<input type="checkbox"/> Albemarle Sound	<input type="checkbox"/> Core Sound
<input type="checkbox"/> Croatan Sound	<input type="checkbox"/> New River
<input type="checkbox"/> Pamlico River (north of Cape Hatteras)	<input type="checkbox"/> Pamlico River
Check all species caught using RCGL gear, including those species discarded (thrown back):	
<input type="checkbox"/> American shad	<input checked="" type="checkbox"/> croaker
<input checked="" type="checkbox"/> black drum	<input type="checkbox"/> flounder
<input type="checkbox"/> bluefish	<input type="checkbox"/> hickory shad
<input type="checkbox"/> catfish	<input type="checkbox"/> jumping mullet
<input type="checkbox"/> menhaden	<input type="checkbox"/> red drum
<input type="checkbox"/> river herring	<input type="checkbox"/> sea bass
<input type="checkbox"/> shark	<input checked="" type="checkbox"/> spot
<input type="checkbox"/> spotted seatrout	<input type="checkbox"/> striped bass
<input type="checkbox"/> List others _____	<input checked="" type="checkbox"/> weakfish
<input type="checkbox"/> List others _____	<input type="checkbox"/> whiting (kingfish)

Note: A trip is defined as the time interval beginning when a vessel or fisherman (when no vessel is used) leaves the port to conduct the activity of landing finfish, shellfish, and/or crustaceans (including bait), and ending when the vessel or fisherman returns to land with the catch.

The following box contains an example of a "filled out" portion of the **Background Information Questions** section where the RCGL holder went on both overnight and day fishing trips using "commercial type" gear. The fisher's typical overnight trip involved 200 miles of travel, lasted three nights, and 4 individuals on the fish trip actually fished. The fisher's typical one day fishing trip consisted of two fishers and around 40 miles of travel.

	Type of Trip	
	Overnight	One day
How many nights was trip? _____	3	
How many miles did you travel? _____	200	40
How many people who went on the trip fished? _____	4	2

IF YOU HAVE ANY QUESTIONS REGARDING THIS SURVEY PLEASE CONTACT CHRIS WILSON at (252) 946-6481 or (800)338-7804 or at Chris.Wilson@ncmail.net

Appendix 12. 2001 Annual survey questionnaire (continued).

MARINE FISHERIES ANNUAL RECREATIONAL COMMERCIAL GEAR SURVEY

License Number	First Name	Middle Initial	Last Name	Suffix
Street Address		City	State	Zip Code
Street Address (continued)				County
Email Address				

Check here if NO fishing activity occurred during 2001. Please fill out the above License Holder Information and return the survey with the envelope provided.

General License Information

How many years of experience do you have fishing "commercial type" gear? _____

How many years have you had a Recreational Commercial Gear License (RCGL)? _____

What other fishing licenses do you have besides a RCGL?

- NC Standard Commercial Fishing License NC Shellfish License
 NC Wildlife Resources Commission (WRC) inland/joint fishing

What media sources do you use to obtain information on current and proposed fishing rules in coastal waters?

- (check all that apply) radio television newspapers posted at boat ramp
 the internet call the NC DMF word of mouth

What are your typical points of access for fishing trips using RCGL gear?

- public boat ramp (WRC or municipal facility) water access at residence
 private boat ramp marina/ramp beach/bank

Do you use RCGL gear on or near artificial reefs? Yes No

For the following questions, check the answer that best describes your agreement or disagreement with each statement.

I plan to renew my RCGL when it expires?

- strongly disagree disagree not sure agree strongly agree

I am familiar with the rules and regulations governing the use of a RCGL

- strongly disagree disagree not sure agree strongly agree

I think I should be allowed to use more gear with the RCGL.

- strongly disagree disagree not sure agree strongly agree

I am satisfied with the bag limits for the RCGL license.

- strongly disagree disagree not sure agree strongly agree

I don't have conflicts with commercial fishermen.

- strongly disagree disagree not sure agree strongly agree

I don't have conflicts with recreational hook and line (rod-n-reel) fishermen.

- strongly disagree disagree not sure agree strongly agree

There is too much gear in the water where I fish.

- strongly disagree disagree not sure agree strongly agree

Appendix 12. 2001 Annual survey questionnaire (continued).

Summary of Fishing Activity

Gill Nets (small mesh, less than 5 1/2 inch stretched mesh)

Did not use this gear in 2001

Please record the approximate total number of small mesh gill net fishing trips taken each month during 2001:

January February March April May June
 July August September October November December

Please check all waterbodies that you fished in 2001 using small mesh gill nets:

- | | | | | |
|---|--|---|--|--|
| <input type="checkbox"/> Atlantic Ocean (south of Cape Hatteras) | <input type="checkbox"/> Bay River | <input type="checkbox"/> Currituck Sound | <input type="checkbox"/> North River (Carteret County) | <input type="checkbox"/> Topsail Sound |
| <input type="checkbox"/> Atlantic Ocean (north of Cape Hatteras) | <input type="checkbox"/> Bogue Sound | <input type="checkbox"/> Lockwood Folly River | <input type="checkbox"/> Pamlico River | <input type="checkbox"/> White Oak River |
| <input type="checkbox"/> Albemarle Sound | <input type="checkbox"/> Cape Fear River | <input type="checkbox"/> Masonboro Sound | <input type="checkbox"/> Pamlico Sound | List any others _____ |
| <input type="checkbox"/> Intracoastal Waterway (White Oak River to New River) | <input type="checkbox"/> Chowan River | <input type="checkbox"/> Neuse River | <input type="checkbox"/> Pungo River | _____ |
| <input type="checkbox"/> Intracoastal Waterway (Brunswick County) | <input type="checkbox"/> Core Sound | <input type="checkbox"/> New River | <input type="checkbox"/> Shallotte River | _____ |
| | <input type="checkbox"/> Croatan Sound | <input type="checkbox"/> Newport River | <input type="checkbox"/> Stump Sound | _____ |

Check all species caught using small mesh gill nets, including those species discarded (thrown back):

- | | | | | |
|--|---|--|---|--|
| <input type="checkbox"/> American shad | <input type="checkbox"/> croaker | <input type="checkbox"/> menhaden | <input type="checkbox"/> shark | <input type="checkbox"/> speckled trout |
| <input type="checkbox"/> black drum | <input type="checkbox"/> flounder | <input type="checkbox"/> red drum | <input type="checkbox"/> sheepshead | <input type="checkbox"/> striped bass |
| <input type="checkbox"/> bluefish | <input type="checkbox"/> hickory shad | <input type="checkbox"/> river herring | <input type="checkbox"/> spanish mackerel | <input type="checkbox"/> weakfish (gray trout) |
| <input type="checkbox"/> catfish | <input type="checkbox"/> jumping mullet | <input type="checkbox"/> sea bass | <input type="checkbox"/> spot | <input type="checkbox"/> sea mullet (whiting) |

List others _____

Gill Nets (large mesh, 5 1/2 inch stretched mesh or greater)

Did not use this gear in 2001

Please record the approximate total number of large mesh gill net fishing trips taken each month during 2001:

January February March April May June
 July August September October November December

Please check all waterbodies that you fished in 2001 using large mesh gill nets:

- | | | | | |
|---|--|---|--|--|
| <input type="checkbox"/> Atlantic Ocean (south of Cape Hatteras) | <input type="checkbox"/> Bay River | <input type="checkbox"/> Currituck Sound | <input type="checkbox"/> North River (Carteret County) | <input type="checkbox"/> Topsail Sound |
| <input type="checkbox"/> Atlantic Ocean (north of Cape Hatteras) | <input type="checkbox"/> Bogue Sound | <input type="checkbox"/> Lockwood Folly River | <input type="checkbox"/> Pamlico River | <input type="checkbox"/> White Oak River |
| <input type="checkbox"/> Albemarle Sound | <input type="checkbox"/> Cape Fear River | <input type="checkbox"/> Masonboro Sound | <input type="checkbox"/> Pamlico Sound | List others _____ |
| <input type="checkbox"/> Intracoastal Waterway (White Oak River to New River) | <input type="checkbox"/> Chowan River | <input type="checkbox"/> Neuse River | <input type="checkbox"/> Pungo River | _____ |
| <input type="checkbox"/> Intracoastal Waterway (Brunswick County) | <input type="checkbox"/> Core Sound | <input type="checkbox"/> New River | <input type="checkbox"/> Shallotte River | _____ |
| | <input type="checkbox"/> Croatan Sound | <input type="checkbox"/> Newport River | <input type="checkbox"/> Stump Sound | _____ |

Check all species caught using large mesh gill nets, including those species discarded (thrown back):

- | | | | | |
|--|---|--|---|--|
| <input type="checkbox"/> American shad | <input type="checkbox"/> croaker | <input type="checkbox"/> menhaden | <input type="checkbox"/> shark | <input type="checkbox"/> speckled trout |
| <input type="checkbox"/> black drum | <input type="checkbox"/> flounder | <input type="checkbox"/> red drum | <input type="checkbox"/> sheepshead | <input type="checkbox"/> striped bass |
| <input type="checkbox"/> bluefish | <input type="checkbox"/> hickory shad | <input type="checkbox"/> river herring | <input type="checkbox"/> spanish mackerel | <input type="checkbox"/> weakfish (gray trout) |
| <input type="checkbox"/> catfish | <input type="checkbox"/> jumping mullet | <input type="checkbox"/> sea bass | <input type="checkbox"/> spot | <input type="checkbox"/> sea mullet (whiting) |

List others _____

Appendix 12. 2001 Annual survey questionnaire (continued).

Summary of Fishing Activity (continued)

Crab Pots Did not use this gear in 2001

Please record the approximate total number of days each month that you fished crab pots during 2001:

_____ January _____ February _____ March _____ April _____ May _____ June
 _____ July _____ August _____ September _____ October _____ November _____ December

Please check all waterbodies that you fished in 2001 using crab pots:

- | | | | | |
|---|--|---|---|--|
| <input type="checkbox"/> Atlantic Ocean
(south of Cape Hatteras) | <input type="checkbox"/> Bay River | <input type="checkbox"/> Currituck Sound | <input type="checkbox"/> North River
(Carteret County) | <input type="checkbox"/> Topsail Sound |
| <input type="checkbox"/> Atlantic Ocean
(north of Cape Hatteras) | <input type="checkbox"/> Bogue Sound | <input type="checkbox"/> Lockwood Folly River | <input type="checkbox"/> Pamlico River | <input type="checkbox"/> White Oak River |
| <input type="checkbox"/> Albemarle Sound | <input type="checkbox"/> Cape Fear River | <input type="checkbox"/> Masonboro Sound | <input type="checkbox"/> Pamlico Sound | List others _____ |
| <input type="checkbox"/> Intracoastal Waterway (White Oak River to New River) | <input type="checkbox"/> Chowan River | <input type="checkbox"/> Neuse River | <input type="checkbox"/> Pungo River | _____ |
| <input type="checkbox"/> Intracoastal Waterway (Brunswick River) | <input type="checkbox"/> Core Sound | <input type="checkbox"/> New River | <input type="checkbox"/> Shallotte River | _____ |
| | <input type="checkbox"/> Croatan Sound | <input type="checkbox"/> Newport River | <input type="checkbox"/> Stump Sound | _____ |

Check all species caught using crab pots, including those species discarded (thrown back):

- hard crabs soft crabs stone crabs catfish flounder sea bass speckled trout
 weakfish (gray trout) List others _____

Shrimp Trawls Did not use this gear in 2001

Please record the approximate total number of shrimp trawling trips taken each month during 2001:

_____ January _____ February _____ March _____ April _____ May _____ June
 _____ July _____ August _____ September _____ October _____ November _____ December

Please check all waterbodies that you fished in 2001 using shrimp trawls:

- | | | | | |
|---|--|---|---|--|
| <input type="checkbox"/> Atlantic Ocean
(south of Cape Hatteras) | <input type="checkbox"/> Bay River | <input type="checkbox"/> Lockwood Folly River | <input type="checkbox"/> North River
(Carteret County) | <input type="checkbox"/> Topsail Sound |
| <input type="checkbox"/> Atlantic Ocean
(north of Cape Hatteras) | <input type="checkbox"/> Bogue Sound | <input type="checkbox"/> Masonboro Sound | <input type="checkbox"/> Pamlico River | <input type="checkbox"/> White Oak River |
| <input type="checkbox"/> Intracoastal Waterway (White Oak River to New River) | <input type="checkbox"/> Cape Fear River | <input type="checkbox"/> Neuse River | <input type="checkbox"/> Pamlico Sound | List others _____ |
| <input type="checkbox"/> Intracoastal Waterway (Brunswick County) | <input type="checkbox"/> Core Sound | <input type="checkbox"/> New River | <input type="checkbox"/> Pungo River | _____ |
| | <input type="checkbox"/> Croatan Sound | <input type="checkbox"/> Newport River | <input type="checkbox"/> Shallotte River | _____ |
| | | <input type="checkbox"/> Stump Sound | | _____ |

Check all species caught using shrimp trawls, including those species discarded (thrown back):

- shrimp hard crabs soft crabs conchs croaker flounder spot speckled trout
 weakfish (gray trout) sea mullet (whiting)
 List others _____

Appendix 12. 2001 Annual survey questionnaire (continued).

Summary of Fishing Activity (continued)

Other RCGL Gear Used #1 (check only one gear)

seines trotlines electric devices Other (specify) _____

Please record the approximate total number of trips taken each month during 2001:

_____ January _____ February _____ March _____ April _____ May _____ June
 _____ July _____ August _____ September _____ October _____ November _____ December

Please check all waterbodies that you fished in 2001 using the gear checked above:

- | | | | | |
|---|--|---|---|--|
| <input type="checkbox"/> Atlantic Ocean
(south of Cape
Hatteras) | <input type="checkbox"/> Bay River | <input type="checkbox"/> Currituck Sound | <input type="checkbox"/> North River
(Carteret County) | <input type="checkbox"/> Topsail Sound |
| <input type="checkbox"/> Atlantic Ocean
(north of Cape
Hatteras) | <input type="checkbox"/> Bogue Sound | <input type="checkbox"/> Lockwood Folly River | <input type="checkbox"/> Pamlico River | <input type="checkbox"/> White Oak River |
| <input type="checkbox"/> Albemarle Sound | <input type="checkbox"/> Cape Fear River | <input type="checkbox"/> Masonboro Sound | <input type="checkbox"/> Pamlico Sound | List others _____ |
| <input type="checkbox"/> Intracoastal Waterway (White Oak River to New River) | <input type="checkbox"/> Chowan River | <input type="checkbox"/> Neuse River | <input type="checkbox"/> Pamlico Sound | _____ |
| <input type="checkbox"/> Intracoastal Waterway (Brunswick County) | <input type="checkbox"/> Core Sound | <input type="checkbox"/> New River | <input type="checkbox"/> Pungo River | _____ |
| | <input type="checkbox"/> Croatan Sound | <input type="checkbox"/> Newport River | <input type="checkbox"/> Roanoke River | _____ |
| | | | <input type="checkbox"/> Shallotte River | _____ |
| | | | <input type="checkbox"/> Stump Sound | _____ |

Check all species caught using gear checked above, including those species discarded (thrown back):

- | | | | | |
|--|---|--|---|--|
| <input type="checkbox"/> American shad | <input type="checkbox"/> croaker | <input type="checkbox"/> menhaden | <input type="checkbox"/> shark | <input type="checkbox"/> speckled trout |
| <input type="checkbox"/> black drum | <input type="checkbox"/> flounder | <input type="checkbox"/> red drum | <input type="checkbox"/> sheephead | <input type="checkbox"/> striped bass |
| <input type="checkbox"/> bluefish | <input type="checkbox"/> hickory shad | <input type="checkbox"/> river herring | <input type="checkbox"/> spanish mackerel | <input type="checkbox"/> weakfish (gray trout) |
| <input type="checkbox"/> catfish | <input type="checkbox"/> jumping mullet | <input type="checkbox"/> sea bass | <input type="checkbox"/> spot | <input type="checkbox"/> sea mullet (whiting) |

List others _____

Other RCGL Gear Used #2 (check only one gear)

seines trotlines electric devices Other (specify) _____

Please record the approximate total number of trips taken each month during 2001:

_____ January _____ February _____ March _____ April _____ May _____ June
 _____ July _____ August _____ September _____ October _____ November _____ December

Please check all waterbodies that you fished in 2001 using RCGL gear:

- | | | | | |
|---|--|---|---|--|
| <input type="checkbox"/> Atlantic Ocean
(south of Cape
Hatteras) | <input type="checkbox"/> Bay River | <input type="checkbox"/> Currituck Sound | <input type="checkbox"/> North River
(Carteret County) | <input type="checkbox"/> Topsail Sound |
| <input type="checkbox"/> Atlantic Ocean
(north of Cape
Hatteras) | <input type="checkbox"/> Bogue Sound | <input type="checkbox"/> Lockwood Folly River | <input type="checkbox"/> Pamlico River | <input type="checkbox"/> White Oak River |
| <input type="checkbox"/> Albemarle Sound | <input type="checkbox"/> Cape Fear River | <input type="checkbox"/> Masonboro Sound | <input type="checkbox"/> Pamlico Sound | List others _____ |
| <input type="checkbox"/> Intracoastal Waterway (White Oak River to New River) | <input type="checkbox"/> Chowan River | <input type="checkbox"/> Neuse River | <input type="checkbox"/> Pamlico Sound | _____ |
| <input type="checkbox"/> Intracoastal Waterway (Brunswick County) | <input type="checkbox"/> Core Sound | <input type="checkbox"/> New River | <input type="checkbox"/> Pungo River | _____ |
| | <input type="checkbox"/> Croatan Sound | <input type="checkbox"/> Newport River | <input type="checkbox"/> Roanoke River | _____ |
| | | | <input type="checkbox"/> Shallotte River | _____ |
| | | | <input type="checkbox"/> Stump Sound | _____ |

Check all species caught using RCGL gear, including those species discarded (thrown back):

- | | | | | |
|--|---|--|---|--|
| <input type="checkbox"/> American shad | <input type="checkbox"/> croaker | <input type="checkbox"/> menhaden | <input type="checkbox"/> shark | <input type="checkbox"/> speckled trout |
| <input type="checkbox"/> black drum | <input type="checkbox"/> flounder | <input type="checkbox"/> red drum | <input type="checkbox"/> sheephead | <input type="checkbox"/> striped bass |
| <input type="checkbox"/> bluefish | <input type="checkbox"/> hickory shad | <input type="checkbox"/> river herring | <input type="checkbox"/> spanish mackerel | <input type="checkbox"/> weakfish (gray trout) |
| <input type="checkbox"/> catfish | <input type="checkbox"/> jumping mullet | <input type="checkbox"/> sea bass | <input type="checkbox"/> spot | <input type="checkbox"/> sea mullet (whiting) |

List others _____

Appendix 12. 2001 Annual survey questionnaire (continued).

Summary of Fishing Activity (continued)

Use of the flounder gigs or non-mechanical shellfish harvesting do not require a Recreational Commercial Gear License.

Flounder Gigs Did not use this gear in 2001

Please record the approximate total number of flounder gigging trips taken each month during 2001:

_____ January _____ February _____ March _____ April _____ May _____ June
 _____ July _____ August _____ September _____ October _____ November _____ December

Please check all waterbodies that you fished in 2001 using flounder gigs:

- | | | | | |
|---|--|---|---|--|
| <input type="checkbox"/> Atlantic Ocean
(south of Cape
Hatteras) | <input type="checkbox"/> Bay River | <input type="checkbox"/> Currituck Sound | <input type="checkbox"/> North River
(Carteret County) | <input type="checkbox"/> Topsail Sound |
| <input type="checkbox"/> Atlantic Ocean
(north of Cape
Hatteras) | <input type="checkbox"/> Bogue Sound | <input type="checkbox"/> Lockwood Folly River | <input type="checkbox"/> Pamlico River | <input type="checkbox"/> White Oak River |
| <input type="checkbox"/> Albemarle Sound | <input type="checkbox"/> Cape Fear River | <input type="checkbox"/> Masonboro Sound | <input type="checkbox"/> Pamlico Sound | List any others
_____ |
| <input type="checkbox"/> Intracoastal Waterway (White Oak River to New River) | <input type="checkbox"/> Chowan River | <input type="checkbox"/> Neuse River | <input type="checkbox"/> Pungo River | _____ |
| <input type="checkbox"/> Intracoastal Waterway (Brunswick County) | <input type="checkbox"/> Core Sound | <input type="checkbox"/> New River | <input type="checkbox"/> Shallotte River | _____ |
| | <input type="checkbox"/> Croatan Sound | <input type="checkbox"/> Newport River | <input type="checkbox"/> Stump Sound | _____ |

Check all species caught using flounder gigs, including those species discarded (thrown back):

- flounder black drum bluefish crab red drum shark speckled trout
 sheepshead sea mullet (whiting) List others _____

Shellfish (check all gears used) Did not use any of these gears in 2001

- By Hand Hand Rakes Dip Nets Scallop Scoop
 Hand Tongs Bull Rakes Other (specify) _____

Please record the approximate total number of shellfish harvesting trips taken each month during 2001:

_____ January _____ February _____ March _____ April _____ May _____ June
 _____ July _____ August _____ September _____ October _____ November _____ December

Please check all waterbodies that you fished in 2001 using the gear checked above:

- | | | | | |
|---|--|---|---|--|
| <input type="checkbox"/> Atlantic Ocean
(south of Cape
Hatteras) | <input type="checkbox"/> Bay River | <input type="checkbox"/> Lockwood Folly River | <input type="checkbox"/> North River
(Carteret County) | <input type="checkbox"/> Topsail Sound |
| <input type="checkbox"/> Atlantic Ocean
(north of Cape
Hatteras) | <input type="checkbox"/> Bogue Sound | <input type="checkbox"/> Masonboro Sound | <input type="checkbox"/> Pamlico River | <input type="checkbox"/> White Oak River |
| <input type="checkbox"/> Intracoastal Waterway (White Oak River to New River) | <input type="checkbox"/> Cape Fear River | <input type="checkbox"/> Neuse River | <input type="checkbox"/> Pamlico Sound | List others
_____ |
| <input type="checkbox"/> Intracoastal Waterway (Brunswick County) | <input type="checkbox"/> Core Sound | <input type="checkbox"/> New River | <input type="checkbox"/> Pungo River | _____ |
| | <input type="checkbox"/> Croatan Sound | <input type="checkbox"/> Newport River | <input type="checkbox"/> Shallotte River | _____ |
| | | | <input type="checkbox"/> Stump Sound | _____ |

Check all species caught using gear checked above, including those species discarded (thrown back):

- hard clams oysters scallops mussels conchs whelks
 List others _____

Appendix 12. 2001 Annual survey questionnaire (continued).

Background Information

The following questions are asked only to help us understand who is using the RCGL license. Your answers to these questions will remain confidential and will only be reported in summary form along with the answers of all the others who fill out this survey.

How old were you on December 31, 2001? _____

Were you born in North Carolina? yes no (if no, please answer following question)

How many years have you lived in North Carolina? _____

Are you? male female

What do you consider to be your ethnic background?

- Hispanic/Latino (all races) Caucasian/White African-American/Black
 Asian-Pacific Islander Native American

What was the highest grade you completed in school?

- less than high school diploma some college/technical school
 high school diploma college diploma or advanced degree

What is your current marital status?

- married divorced widowed separated never married

How many people live in your household? (include yourself and others such as students away at school, someone in the hospital, or currently away on business or vacation, etc., but not someone whose main place of residence is somewhere else). _____

What is the total income of all people who live in the same place as you?

- less than \$5,000 \$15,001 - \$30,000 \$50,001 - \$75,000 more than \$100,000
 \$5,001 - \$15,000 \$30,001 - \$50,001 \$75,001 - \$100,000

Where did you purchase your most recent RCGL? NC Division of Marine Fisheries office other

Did you have children or grandchildren under the age of 16 who fished on your RCGL in 2001? If yes how many?

- YES NO _____

How many individuals, living at your residence, have a RCGL? _____

If you took at least one fishing trip in 2001 where you spent at least one night away from your regular residence, answer the next questions for a typical overnight trip. If you took at least one day trip (no overnight away from home), answer the questions below for a typical one day trip. If you took both overnight and day trips then please complete both columns (overnight and one day).

	Type of Trip	
	Overnight	One day
How many nights was the trip?		
How many miles did you travel?		
How many people who went on the trip fished?		
How many people who went on the trip did not fish?		
How much did you pay for lodging per night?		
How much did you pay for food?		
How much did you pay for ice?		
How much did you pay for bait?		
How much did you pay for equipment rental?		
How much did you pay for fuel and oil?		

Appendix 13. Monthly survey questionnaire.

State of North Carolina
Department of Environment
and Natural Resources
Division of Marine Fisheries
Michael F. Easley., Governor
William G. Ross, Jr., Secretary
Preston P. Pate, Jr., Director



September 05, 2003

This is a NEW survey for fishing activity during August
(You need to answer this survey even if you did not fish during August)

The North Carolina Division of Marine Fisheries has been surveying holders of Recreational Commercial Gear Licenses (RCGL) through the mail each month since April 2002. I want to thank those who have completed and returned last year's surveys. The Division's ability to characterize this group of fishery resource users is dependent upon your participation.

Participation in this survey program is a MANDATORY requirement for RCGL holders. General Statute 113-173 requires all RCGL holders to take part in NCDMF reporting requirements.

(GS 113-173: "The holder of a RCGL shall comply with the biological data sampling and survey programs of the Commission and the Division")

Knowing the amount and types of RCGL gear being used and the number and types of fish being caught by this group is necessary to properly manage our state's fisheries. Fisheries managers must have a reliable source of information from the RCGL community to adequately consider issues of concern to RCGL holders. This survey is the main method for providing information on fishing activities that are important to all RCGL holders. **Please fill out this survey, as required by law, and do your part to help manage North Carolina's marine fishery resources.**

It is important that you participate in this survey and answer as many questions as possible. You may be assured of complete confidentiality. Your answers will be combined with the answers of all others that participate and never released individually. The survey should take less than 5 minutes to complete. **Please return your completed survey in the enclosed postage-paid envelope by October 1, 2003.** If you have any comments, suggestions, or concerns please write them down on the back of this page and return with your completed survey.

If you have questions, contact Chris Wilson at 252-946-6481, ext. 327 or by email at Chris.Wilson@ncmail.net

Sincerely,

Preston P. Pate, Jr.
Director

Appendix 13. Monthly survey questionnaire (continued).

Instructions and Examples

The actual survey form is self-explanatory and it should take only 5 minutes to complete. The survey basically asks you how many times did you go fishing in August 2003 using your RCGL License and what did you catch. Prior to completing your survey, please take a few minutes to read the brief explanation and review the examples for gill nets and crab pots on the bottom half of this page

The survey is designed to cover eight (8) types of gear that Recreational Commercial Gear License (RCGL) holders are allowed to use. These gears include (1) gill nets (large and small mesh sizes), (2) crab pots, (3) shrimp trawls, (4) eel pots, (5) fish pots, (6) trotlines, (7) seines, and (8) electrofishing. A small check box with the words **"Did not use this gear in August 2003"** appears on the far right hand side of the page beside each gear type. If you did not use the gear in August 2003, please check the box and proceed to the next gear type. The survey is **NOT** intended to cover hook & line (rod-n-reel) catches. Two types of boxes appear below each specific gear type:

The boxes on the left-hand side of the page are named **"Trip Information"** and ask questions regarding the number of RCGL **fishing trips** taken and the amount of gear used. A trip is defined as "the time interval beginning when a vessel or fisherman (when no vessel is used) leaves the port to conduct the activity of landing finfish, shellfish, and/or crustaceans (including bait) and ending when the vessel or fisherman returns to land with the catch." At times, two or more RCGL holders may fish together. **To prevent the double counting of fishing trips taken where more than one RCGL holder fished from the same boat, please only include those trips when YOUR boat was the one used for the fishing trip.** Also, **be sure to include** all trips taken when a boat was not used (shore or bank based trips).

The second set of boxes (on the right-hand side of the page) under each gear type are entitled **"Catch Information"**. These boxes ask you to summarize your catches by individual fish species (ex. spot, croaker, herring, etc.) and fill in the approximate number and pounds kept for all the trips made with each particular gear type. Some of the more common species names have already been included in the box. If there were species caught that are not already printed on the form please fill in the species name. A place is provided for you to record the number thrown back for any reason (undersized, unwanted, or non-edible fish, etc.). **Please account for all RCGL gear catch taken by everyone (both RCGL holders and other non-RCGL holders such as children) for all trips during the period covered by the survey.**

GILL NETS (small mesh, less than 5-1/2 inch stretched mesh)		<input type="checkbox"/> Did NOT use this gear in August 2003			
Trip Information		Catch Information (for all trips)			
Total number of trips made per month.	2	Species	Number kept	Pounds Kept	Number thrown back
Average number of yards fished per trip	100	black drum			
Did any other RCGL holder such as a friend or family member participate in any of the trips listed above? <i>If yes, please answer the following question.</i>	<input checked="" type="checkbox"/> Yes	croaker	6	4	0
	<input type="checkbox"/> No	flounder			
On the trips where multiple RCGL holders fished, how many times did the amount of gill net used exceed 100 yards?	0	hard blue crab			
Waterbody most often fished: <u> Neuse River </u> <i>(REFER TO WATERBODY LIST ON THE INSTRUCTION SHEET)</i>		jumping mullet	40	30	10
		red drum			
		Spanish mackerel	5	7	1
		speckled trout			
		spot	20	12	7
		striped bass			
		white perch			
		List all others:			

more on back

Appendix 13. Monthly survey questionnaire (continued).

North Carolina Waterbodies

please list the major waterbody (in bold) from the following list for each gear that you used

Albemarle Sound

- .Batchelor Bay
- .Big Flatty Creek
- .Bull Bay
- .Edenton Bay
- .Little River
- .North River
- .Scuppermong R.
- .Swan Bay
- .Yeopim River

Bay River

- .Bonner Bay
- .Fishermen Bay
- .Rockhole Bay
- .Trent Creek
- .Vandemere Cr.

Bogue Sound

- .Bogue Inlet
- .Broad Creek
- .Deer Creek
- .Gales Creek
- .Hoop Hole
- .Money Isle
- .Pellitier Creek
- .Spooners Creek
- .Tar Landing Bay
- .Turning Basin

Cape Fear River

- .Baldhead Creek
- .Buzzards Bay
- .Cedar Creek
- .First Bay
- .Northeast Cape River
- .Second Bay

Chowan River

- .Meherrin River

Core Sound

- .Back Bay
- .Back Sound
- .Barry Bay
- .Cedar Island Bay
- .Jarrett Bay
- .Middle Marshes
- .Nelson Bay
- .Oyster Creek
- .Styron Bay
- .Thorofare Bay

Croatan Sound

- .Manns Harbor

Currituck Sound

- .Above Narrows
- .Below Narrows
- .Coinjock Bay
- .Knotts Island Bay

Lockwood Folly

- .Spring Branch

Masonboro Sound

- .Banks Channel
- .Carolina Beach Basin
- .Carolina Beach Inlet
- .Johns Creek
- .Mason Inlet
- .Masonboro Channel
- .Masonboro Inlet
- .Rich Inlet

Neuse River

- .Adams Creek
- .Beard Creek
- .Broad Creek
- .Clubfoot Creek
- .Dawson Creek
- .Goose Creek
- .Hancock Creek
- .N. of Core Cr. Br.
- .Slocum Creek
- .South River
- .Swan Creek
- .Trent Creek
- .Turnagain Bay
- .Upper Broad Cr.

New River

- .Chadwick Bay
- .Courthouse Bay
- .Farnell Bay
- .Morgan Bay
- .Stones Bay

Newport River

- .Calico Creek
- .Core Creek
- .Haystacks
- .S. Core Cr. Bridge
- .Taylor Creek
- .Town Creek

North River (Cart.)

- .Davis Bay
- .Goose Bay
- .Muddy Creek
- .North River Thorofare
- .The Straits
- .Ward Creek

Pasquotank River

- .Little Flatty Creek
- .Newbegun Creek

Pamlico River

- .North Creek
- .South Creek

Pamlico Sound

- .Abel Bay
- .Caffee Bay
- .Deep Bay
- .Deep Cove
- .East Bluff Bay
- .Far Creek
- .Germantown Bay
- .Jones Bay
- .Juniper Bay
- .Long Shoal R.
- .Mouse Harbor
- .Oyster Creek
- .Rose Bay
- .Spencer Bay
- .Striking Bay
- .Swanquarter Bay
- .West Bluff Bay
- .Wysocking Bay

Pungo River

- .Fortesque Creek
- .Jordan Creek
- .Pantego Creek
- .Pungo Creek
- .Satterwaite Creek
- .Slade Creek
- .Wrights Creek

Roanoke River

- .Broad Creek
- .Eastmost River
- .Middle River

Roanoke Sound

- .Broad Creek
- .Kitty Hawk Bay
- .Shallowbag Bay

Shalotte River

- .Gibbs Creek
- .Little Shalotte R.

Stump Sound

- .Alligator Bay
- .Thomas Landing
- .Mill Creek

Topsail Sound

- .Virginia Creek
- .Topsail Creek
- .Elmore Inlet

White Oak River

If the waterbody that you used most often was the Intracoastal Waterway - please indicate the IWW and the County when filling out the survey form.

Intracoastal Waterway

- .Onslow County

Intracoastal Waterway

- .Pender County

Intracoastal Waterway

- .New Hanover County

Intracoastal Waterway

- .BrunswickCounty

Atlantic Ocean

(north of Cape Hatteras)

Atlantic Ocean

(south of Cape Hatteras)

Appendix 13. Monthly survey questionnaire (continued).

for fishing activity during **August 2003** **NC DIVISION OF MARINE FISHERIES** RECREATIONAL COMMERCIAL GEAR LICENSE (RCGL) SURVEY for fishing activity during **August 2003**

First name	Middle name	Last name	Suffix	County of Residence
Address (Mailing)		City	State	Zip code
Email Address				

Check here if **NO FISHING ACTIVITY** occurred during August 2003. **Please fill out the above License Holder Information and return the survey with the envelope provided.** If fishing activity did occur during these months, please complete the entire survey.

Record information from all trips (from boat or shore) where you used RCGL gear. BUT if you fished with other RCGL holders on any of these trips, only report information if YOUR boat was the one used

GILL NETS (small mesh, less than 5-1/2 inch stretched mesh) **Did NOT use this gear in August 2003**

Trip Information		Catch Information (for all trips)			
Total number of trips made per month.		Species	Number kept	Pounds Kept	Number thrown back
Average number of yards fished per trip		black drum			
Did any other RCGL holder such as a friend or family member participate in any of the trips listed above? <i>If yes, please answer the following question.</i>	<input type="checkbox"/> Yes	bluefish			
	<input type="checkbox"/> No	croaker			
On the trips where multiple RCGL holders fished, how many times did the amount of gill net used exceed 100 yards?		flounder			
		hard blue crab			
Waterbody most often fished: _____ <i>(REFER TO WATERBODY LIST ON THE INSTRUCTION SHEET)</i>		jumping mullet			
		red drum			
		Spanish mackerel			
		speckled trout			
		spot			
		striped bass			
		white perch			
		List all others:			

GILL NETS (large mesh, 5-1/2 inch stretched mesh or greater) **Did not use this gear in August 2003**

Trip Information		Catch Information (for all trips)			
Total number of trips made per month.		Species	Number kept	Pounds Kept	Number thrown back
Average number of yards fished per trip		bluefish			
Did any other RCGL holder such as a friend or family member participate in any of the trips listed above? <i>If yes, please answer the following question.</i>	<input type="checkbox"/> Yes	flounder			
	<input type="checkbox"/> No	hard blue crab			
On the trips where multiple RCGL holders fished, how many times did the amount of gill net used exceed 100 yards?		red drum			
		sheepshead			
Waterbody most often fished: _____ <i>(REFER TO WATERBODY LIST ON THE INSTRUCTION SHEET)</i>		striped bass			
		List all others:			

more gears on back

Appendix 13. Monthly survey questionnaire (continued).

CRAB POTS		<input type="checkbox"/> Did not use this gear in August 2003			
Trip Information		Catch Information (for all trips)			
Total number of trips made per month.		Species	Number kept	Pounds Kept	Number thrown back
Average number of pots fished per trip		hard blue crab			
Waterbody most often fished: _____ <i>(REFER TO WATERBODY LIST ON THE INSTRUCTION SHEET)</i>		soft blue crab			
		stone crab			
		flounder			
		red drum			
		speckled trout			
		List all others:			

SHRIMP TRAWL		<input type="checkbox"/> Did not use this gear in August 2003			
Trip Information		Catch Information (for all trips)			
Total number of trips made per month.		Species	Number kept	Pounds Kept	Number thrown back
Average number of tows made per trip		shrimp (heads on)			
Size of trawl (headrope length in feet)		hard blue crab			
Waterbody most often fished: _____ <i>(REFER TO WATERBODY LIST ON THE INSTRUCTION SHEET)</i>		soft blue crab			
		croaker			
		flounder			
		spot			
		List all others:			

OTHER RCGL GEARS: In this section, only select the gear that you used most often. **Please do not check more than one gear.**

- FISH POTS**
 EEL POTS
 TROT LINES
 SEINES (greater than 30 feet)
- ELECTRICAL DEVICES** (electrofishing, shocking)
 Did NOT use these gears in August 2003

Trip Information		Catch Information (for all trips)			
Total number of trips made per month.		Species	Number kept	Pounds Kept	Number thrown back
Answer the following question that corresponds to the gear that you indicated using (i.e. eel pot, fish pot, seine)		American eel			
Eel pots: Average number of eel pots per trip		catfish			
Fish pots: Average number of fish pots per trip		hard blue crab			
Seines: Length of seine (feet)		white perch			
Trotlines: Average number of baits used per trip		List all others:			
Waterbody most often fished: _____ <i>(REFER TO WATERBODY LIST ON THE INSTRUCTION SHEET)</i>					

Contacts

This program is administered by the N.C. Division of Marine Fisheries, License and Statistics Section. For additional information regarding the survey or for a complete report, please consider the list below.

Dee Lupton
Chief, NCDMF License and Statistics
Box 769
Morehead City, NC 27889
800-682-2632
Dee.Lupton@ncmail.net

Chris Wilson
943 Washington Square Mall
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Chapter V: NORTH CAROLINA STRIPED BASS CREEL SURVEY IN THE CENTRAL AND SOUTHERN MANAGEMENT AREA (CSMA)

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PROGRAM NARRATIVE

Coastal striped bass (*Morone saxatilis*) populations have continuously provided a popular and economically important fishery in North Carolina. Although past surveys have covered a considerable area, data were lacking in the Central/Southern Management Area (CSMA) where the stock was listed as overfished in 2003. The 2004 North Carolina Estuarine Striped Bass Fishery Management Plan addressed this issue, calling for assessments of the fishery. A comprehensive creel survey was initiated in January 2004 to identify the recreational component of striped bass harvests in the CSMA.

SURVEY METHODOLOGY

Study Area

The Central/Southern Management Area includes all internal coastal, joint, and contiguous inland waters of North Carolina south of a line from Roanoke Marshes Point across to Eagle Nest Bay to the South Carolina state line. The areas surveyed in the CSMA include the Neuse, Trent, Tar/Pamlico, and Pungo rivers. The Neuse River basin drains over 6,200 square miles of land with 3,880 total miles of streams and rivers. The mouth of the main channel is six miles across – the widest in the United States. Over 1.3 million residents reside within this river basin. Major tributaries include Crabtree, Swift, and Contentnea creeks, along with the Eno, Little, and Trent rivers. The Trent River, a major tributary to the Neuse system, is included in this survey. Survey points included 29 boat ramps from Anderson Point Park in East Raleigh to Lee's Landing on Broad Creek. The river was divided, with all access points above Contentnea Creek classified as the upper zone, and those downstream the lower zone (Figure 1).

The Tar/Pamlico River watershed covers 5,571 square miles of land in an area that includes over 400,000 residents. With over 2,500 fishing stream miles, 17 miles of coastline, and nearly 4,000 acres of lakes and reservoirs, the Tar/Pamlico watershed also provides numerous fishing opportunities. Major tributaries include Cokey Swamp, Swift, Fishing, and Tranters creeks, and the 30-mile Pungo River near Belhaven, North Carolina – the main tributary in the lower basin. Access points surveyed on the Tar/Pamlico River include 14 boat ramps from Battle Park in Rocky Mount to the Quarterdeck Marina in Bath, NC. This was divided into upper and lower zones, with sites upstream of Grimesland, NC considered the upper zone (Figure 1). The Pungo River was surveyed at the Leechville ramp (NC-264 bridge), the Belhaven WRC ramp, and Cee Bee Marina on Pungo Creek (Figure 1). The southernmost rivers in the CSMA (White Oak, New, Cape Fear, and Shallotte rivers) were excluded from the

study area due to comparatively low recreational striped bass catch based on anecdotal evidence.

Sampling Procedures

Recreational fishing statistics from the CSMA were calculated through a non-uniform probability stratified access-point creel survey (Pollock et al. 1994) on the Neuse, Pamlico, and Pungo rivers from 1 January to 31 December 2004. Site probabilities were set in proportion to the likely use of the site according to time of day, day of the week, and season. Probabilities for this survey were assigned based on seasonal striped bass fishing pressure observed during past surveys in addition to anecdotal information (personal communication NCWRC Pete Kornegay). Probabilities were adjusted during the survey period according to angler counts to provide more accurate estimates. Morning and afternoon periods were assigned unequal probabilities of conducting interviews, with each period representing half a fishing day. A fishing day was defined as the period from 1.5 hours after sunrise until 1.0 hour after sunset. These values varied among rivers and zones due to differing pressure. Monthly sampling periods for each river and zone were stratified accordingly, and all weekend/holiday dates along with two randomly selected weekdays were chosen from each week for sampling. Effort was distributed equally among rivers.

Tar/Pamlico River anglers in the upper zone were interviewed throughout the spring months (15 March through 31 May), while anglers in the lower zone were interviewed year-round based on the evidence of a year-round fishery and no seasonal closures. Two creel clerks were utilized for this river, with one surveying each zone March through May and both clerks on the lower zone from June through February. Similarly, the upper zone of the Neuse River was surveyed in the spring months (15 March through 31 May), while the lower zone was surveyed year-round. This was conducted with two creel clerks as well. The Pungo River was surveyed throughout the year with one creel clerk. Marine Recreational Fisheries Statistics Survey (MRFSS) data and observations indicate that a year-round fishery exists in the area, specifically in the vicinity of Belhaven, NC.

Returning fishing parties were interviewed by a creel clerk at the selected access point to obtain information regarding party size, effort, total number of fish harvested and/or released, primary fishing method, and location. Harvested fish were identified, enumerated, measured (nearest mm total length), and weighed to the nearest 0.1 kg, while information on discarded fish was obtained from the angler(s) to acquire the number and status of discarded individuals. Scale collections were taken from available fish to determine age of catch. Creel clerks also

obtained socioeconomic information from the angler(s), including age, state and county of residence, sex, ethnic background, marital status, number of individuals within household, and trip information and expenditures. The survey instrument utilized by the creel clerks for interviews and assignment summary records are shown in Appendices 1 through 3.

Analyses

Effort and Catch Estimations

Samples were reduced to striped bass effort and catch only and results were stratified by river, access point, and time of day. Catch was defined as the sum of harvested fish and discarded fish. Discarded fish equaled the sum of fish caught in excess of creel limits (over-creel), legal-sized fish caught and released, and sub-legal fish returned to the water. Daily effort and catch for each river were calculated by expanding observed numbers by the sample unit probability (time of day probability times access area probability). Total catch estimates for the CSMA and catch estimates for each stratum (spatial and temporal) were calculated based on the Horvitz-Thompson estimator for non-uniform probability sampling as such:

$$C = \sum_{i=1}^n (c_i / p_i)$$

where a sample of n units is taken, and the probability of the i^{th} unit being in the sample is denoted by p_i (Pollock et al. 1994). Total effort over the CSMA and each individual stratum were estimated in the same fashion, as were other extrapolated data. Approximate standard errors (SE) of the catch and effort estimates within strata were calculated according to:

$$SE = \sqrt{N^2 \left(\frac{s^2}{n} \right)}$$

where s^2 is the variance of the observations, n is the number of days sampled, and N is the number of days of that type available for sampling (Pollock et al. 1994). Proportional Standard Error (PSE) was calculated by dividing the standard error by the estimate to express the standard error as a percentage to allow the reader to make quick comparisons of precision among surveys. Results were multiplied by 100, rounded to the nearest whole number, and reported with values in the text for straightforward presentation. Estimated catch per unit effort (CPUE) values were obtained by dividing estimated catch by estimated striped bass trips as well as angler hours (angler-h) in order to identify trends in fishing pressure and angler success. Size structure of striped bass in harvests was described for each system using length-frequency

distributions of observed samples. Fishing party characteristics and methods utilized during striped bass trips reported by anglers were documented by river and day type.

Angler Demographics and Economic Analysis

The CSMA Creel Survey socioeconomic questionnaire (Appendix 2) included questions to identify characteristics of the striped bass angling population. Demographics of anglers were reported according to age, residency, gender, ethnic background, marital status, household size, and expressed as a percentage of the total angling population throughout the CSMA. Mean values were calculated and reported with PSE. Results were further stratified by river and day type. Anglers were considered to be local, regional, or out-of-state residents. Local anglers resided within the county, while regional anglers resided elsewhere in North Carolina. The socioeconomic questionnaire also included questions regarding trip length, distance traveled, party size, and expenses on lodging, food, ice, bait, equipment rental, and boat fuel and oil. Mean weighted expenditures per trip were reported by river and day type. The weighted mean of each expenditure was totaled to provide an average trip cost. The product of estimated trips and the average cost per trip produced the estimated trip expenditures of the recreational striped bass fishery in the CSMA. A conservative estimate of travel expenses were calculated by dividing the estimated travel distance (mean distance per trip times estimated trips) by 18 miles per gallon, then multiplying the product by average gas prices plus tax in North Carolina for 2004.

Table 161. Measures of central tendency for lengths and weights of striped bass (observed), 2004.

River	Length (inches)				Weight (pounds)			
	Number	Minimum	Maximum	Average	Number	Minimum	Maximum	Average
Lower Neuse River	152	16	29	21.3	152	2.1	12.1	4.2
Upper Tar River	6	19	29	22.3	5	2.1	11.6	5.6
Lower Tar/upper Pamlico R.	84	17	31	21.1	84	2.3	10.6	4.4
Pungo River	189	17	27	20.2	189	2.2	7.7	3.5
Total	431	16	31	20.8	430	2.1	12.1	3.9

Table 162. Reported and observed catches by species and disposition, 2004.

Common Name	Scientific Name	Harvested	Discards			Total	Percent Total
			Legal Sized	Over Creel	Sub-Legal		
American eel	<i>Anguilla rostrata</i>	0	7	0	1	8	<0.1
American shad	<i>Alosa sapidissima</i>	20	19	0	4	43	0.2
Atlantic croaker	<i>Micropogonias undulatus</i>	42	474	0	0	516	2.2
Atlantic menhaden	<i>Brevoortia tyrannus</i>	0	13	0	0	13	0.1
Black crappie	<i>Pomoxis nigromaculatus</i>	512	450	0	40	1,002	4.2
Black drum	<i>Pogonias cromis</i>	11	5	0	2	18	0.1
Bluefish	<i>Pomatomus saltatrix</i>	29	10	0	23	62	0.3
Bowfin	<i>Amia calva</i>	6	331	0	1	338	1.4
Catfishes	<i>Ameiurus & Ictalurus spp.</i>	175	492	0	82	749	3.2
Chain pickerel	<i>Esox niger</i>	2	109	0	0	111	0.5
Clearnose skate	<i>Raja eglanteria</i>	0	4	0	0	4	<0.1
Common carp	<i>Cyprinus carpio</i>	2	3	0	0	5	<0.1
Creek chubsucker	<i>Erimyzon oblongus</i>	0	8	0	0	8	<0.1
Flounder	<i>Paralichthys spp.</i>	336	26	1	1,635	1,998	8.4
Gizzard shad	<i>Dorosoma cepedianum</i>	2	3	0	0	5	<0.1
Hickory shad	<i>Alosa mediocris</i>	267	376	0	6	649	2.7
Hybrid striped bass	<i>M. saxatilis x chrysops</i>	16	1	0	16	33	0.1
Inshore lizardfish	<i>Synodus foetens</i>	0	0	0	1	1	0
Largemouth bass	<i>Micropterus salmoides</i>	185	1,146	18	1,936	3,285	13.8
Longnose gar	<i>Lepisosteus osseus</i>	1	104	0	5	110	0.5
Pigfish	<i>Orthopristis chrysoptera</i>	0	5	0	0	5	<0.1
Pinfish	<i>Lagodon rhomboides</i>	8	19	0	9	36	0.2
Red drum	<i>Sciaenops ocellatus</i>	10	10	0	1,000	1,020	4.3
Redfin pickerel	<i>Esox americanus</i>	0	4	0	2	6	<0.1
River herring	<i>Alosa spp.</i>	182	7	0	0	189	0.8
Spanish mackerel	<i>Scomberomorus maculatus</i>	1	0	0	2	3	<0.1
Spot	<i>Leiostomus xanthurus</i>	67	98	0	18	183	0.8
Spotted seatrout	<i>Cynoscion nebulosus</i>	116	5	0	367	488	2.05
Stingrays	<i>Dasyatidae</i>	0	1	0	0	1	0
Striped bass	<i>Morone saxatilis</i>	424	185	2	1,151	1,762	7.4
Striped mullet	<i>Mugil cephalus</i>	36	20	0	0	56	0.2
Sunfishes	<i>Lepomis spp.</i>	2,135	7,241	2	199	9,577	40.3
Weakfish	<i>Cynoscion regalis</i>	.	1	0	1	2	<0.1
White perch	<i>Morone americana</i>	643	431	0	108	1,182	5.0
Yellow perch	<i>Perca flavescens</i>	245	69	0	1	315	1.3
Total		5,473	11,677	26	6,610	23,783	100.0

Table 163. Reported targeted species by frequency and percent, 2004.

Reported Target Species	Scientific Name	Frequency	Percent
Striped bass	<i>Morone saxatilis</i>	982	39.1
Largemouth bass	<i>Micropterus salmoides</i>	560	22.3
Sunfishes.	<i>Lepomis</i> spp	295	11.7
Flounder	<i>Paralichthys</i> spp.	178	7.1
Spotted seatrout	<i>Cynoscion nebulosus</i>	111	4.4
Black crappie	<i>Pomoxis nigromaculatus</i>	89	3.5
Catfishes	<i>Ictaluridae</i>	80	3.2
Hickory shad	<i>Alosa mediocris</i>	61	2.4
White perch	<i>Morone americana</i>	44	1.8
American shad	<i>Alosa sapidissima</i>	28	1.1
Red drum	<i>Sciaenops ocellatus</i>	24	1.0
Atlantic croaker	<i>Micropogonias undulatus</i>	13	0.5
River herrings	<i>Alosa</i> spp.	12	0.5
Yellow perch	<i>Perca flavescens</i>	12	0.5
Spot	<i>Leiostomus xanthurus</i>	9	0.4
Tarpon	<i>Megalops atlanticus</i>	4	0.2
Spanish mackerel	<i>Scomberomorus maculatus</i>	3	0.1
Striped mullet	<i>Mugil cephalus</i>	3	0.1
Bowfin	<i>Amia calva</i>	2	0.1
Black drum	<i>Pogonias cromis</i>	2	0.1
Hybrid striped bass	<i>M. saxatilis x chrysops</i>	1	<0.1
Bluefish	<i>Pomatomus saltatrix</i>	1	<0.1
Total		2,514	100.0

Table 164. Estimated striped bass effort and catch in the CSMA with proportional standard error in parentheses, 2004.

Month	All Fishing Trips	Striped Bass		Striped Bass Harvest		Striped Bass Discards			Total Catch
		Trips	Hours	Number	Pounds	Legal-sized	Over-creel	Sub-Legal	
January	1,374	1,054	4,553	342	1,387	78	0	904	1,324
February	1,756	883	3,741	212	908	13	56	356	637
March	5,990	1,422	5,584	237	1,331	58	0	277	572
April	6,290	1,958	9,791	215	951	49	0	666	930
May	6,431	894	4,269	40	219	40	0	311	391
June	3,840	976	5,199	517	2,452	206	0	826	1,549
July	3,646	658	3,384	613	2,487	527	0	752	1,892
August	1,625	291	1,043	34	112	52	0	314	400
September	3,177	545	2,765	289	919	300	29	1,025	1,643
October	6,721	1,637	10,998	2,120	6,231	75	0	2,343	4,538
November	2,617	1,187	5,804	322	1,113	276	0	2,615	3,213
December	2,606	1,277	6,661	1,200	4,848	68	0	1,340	2,609
Total	46,073 (23)	12,782 (9)	63,792 (10)	6,141 (18)	22,958 (18)	1,743 (28)	85 (74)	11,729 (14)	19,698

Table 165. Estimated effort, harvest, and discard for striped bass in the Neuse River system by month, 2004.

Zone	Month	Striped Bass Effort		Harvest		Discard			Total Catch
		Trips	Angler-h	Number	Pounds	Legal-sized	Over-creel	Sub-legal	
Upper Neuse River	March	0	0	0	0	0	0	0	0
	April	681	3,236	0	0	0	0	187	187
	May	122	817	0	0	0	0	0	0
	Total	803	4,053	0	0	0	0	187	187
Lower Neuse River	January	653	2,964	64	301	32	0	678	774
	February	580	2,469	79	369	4	0	43	126
	March	462	2,852	148	944	48	0	205	401
	April	410	1,959	0	0	36	0	182	218
	May	420	1,713	0	0	40	0	151	191
	June	596	3,777	426	2,200	198	0	224	848
	July	490	2,934	575	2,367	268	0	542	1,385
	August	154	627	0	0	9	0	47	56
	September	323	2,056	175	559	300	29	750	1,254
	October	1,184	7,995	1,418	3,752	0	0	875	2,293
	November	664	2,966	75	220	251	0	1,176	1,502
	December	706	3,578	1,025	4,133	35	0	661	1,721
Total	6,642	35,890	3,985	14,845	1,221	29	5,534	10,769	

Table 166. Estimated effort, harvest, and discard for striped bass in the Tar/Pamlico River by month, 2004.

Zone	Month	Striped Bass Effort		Harvest		Discard			Total Catch
		Trips	Angler-h	Number	Pounds	Legal-sized	Over-creel	Sub-legal	
Upper Tar River	March	625	826	0	0	0	0	0	0
	April	662	3,617	114	563	0	0	91	205
	May	244	1,313	14	114	0	0	0	14
	Total	1,531	5,756	128	677	0	0	91	219
Lower Tar/Upper Pamlico River	January	203	979	91	443	42	0	192	325
	February	200	842	58	263	0	0	189	247
	March	169	847	29	124	10	0	58	97
	April	135	688	59	231	13	0	182	254
	May	66	218	20	87	0	0	20	40
	June	22	40	0	0	8	0	6	14
	July	77	144	4	12	151	0	141	296
	August	103	284	12	35	36	0	253	301
	September	159	323	3	26	0	0	94	97
	October	188	711	221	847	1	0	700	922
	November	371	1,888	38	141	2	0	1,168	1,208
	December	203	946	0	0	0	0	371	371
Total	1,896	7,910	535	2,209	263	0	3,374	4,172	

Table 167. Estimated effort, harvest, and discard for striped bass in the Pungo River by month, 2004.

Zone	Month	Striped Bass Effort		Harvest		Discard			Total Catch
		Trips	Angler-h	Number	Pounds	Legal-sized	Over-creel	Sub-legal	
Pungo River	January	198	610	187	643	4	0	34	225
	February	103	430	75	276	9	56	124	264
	March	166	1,059	60	263	0	0	14	74
	April	70	291	42	157	0	0	24	66
	May	42	208	6	18	0	0	140	146
	June	358	1,382	91	252	0	0	596	687
	July	91	306	34	108	108	0	69	211
	August	34	132	22	77	7	0	14	43
	September	63	386	111	334	0	0	181	292
	October	265	2,292	481	1,632	74	0	768	1,323
	November	152	950	209	752	23	0	271	503
	December	368	2,137	175	715	34	0	308	517
Total	1,910	10,183	1,493	5,227	259	56	2,543	4,351	

Table 168. Estimated average trip and angler-h catch (harvest + discard) per unit effort in the CSMA by month, 2004.

Month	Total Caught per Trip	Harvests per Trip	Discards per Trip	Total Caught per Angler-h	Harvests per Angler-h	Discards per Angler-h
January	1.308	0.497	0.811	0.321	0.140	0.180
February	1.338	0.385	0.954	0.319	0.092	0.228
March	0.378	0.171	0.207	0.065	0.029	0.036
April	0.788	0.242	0.546	0.164	0.052	0.112
May	0.919	0.101	0.818	0.202	0.026	0.175
June	1.326	0.323	1.003	0.357	0.060	0.298
July	2.996	0.533	2.463	1.072	0.112	0.961
August	1.517	0.255	1.262	0.492	0.070	0.422
September	3.042	0.774	2.268	0.556	0.127	0.428
October	3.944	1.396	2.548	0.720	0.233	0.488
November	2.942	0.530	2.412	0.559	0.088	0.470
December	1.890	0.642	1.248	0.372	0.123	0.249
Total	1.541	0.480	1.061	0.309	0.096	0.213

Table 169. Estimated average trip and angler-h catch (harvest + discard) per unit effort by river and month, 2004.

River	Month	Total Caught per Trip	Harvests per Trip	Discards per Trip	Total Caught per Angler-h	Harvests per Angler-h	Discards per Angler-h
Upper Neuse River	March	0.000	0.000	0.000	0.000	0.000	0.000
	April	0.275	0.000	0.275	0.058	0.000	0.058
	May	0.000	0.000	0.000	0.000	0.000	0.000
Lower Neuse River	January	1.185	0.098	1.087	0.261	0.022	0.240
	February	0.217	0.136	0.081	0.051	0.032	0.019
	March	0.868	0.320	0.548	0.141	0.052	0.089
	April	0.532	0.000	0.532	0.111	0.000	0.111
	May	0.455	0.000	0.455	0.112	0.000	0.112
	June	1.423	0.715	0.708	0.225	0.113	0.112
	July	2.827	1.173	1.653	0.472	0.196	0.276
	August	0.364	0.000	0.364	0.089	0.000	0.089
	September	3.882	0.542	3.341	0.610	0.085	0.525
	October	1.937	1.198	0.739	0.287	0.177	0.109
	November	2.262	0.113	2.149	0.506	0.025	0.481
	December	2.438	1.452	0.986	0.481	0.286	0.195
Upper Tar River	March	0.000	0.000	0.000	0.000	0.000	0.000
	April	0.310	0.172	0.137	0.057	0.032	0.025
	May	0.057	0.057	0.000	0.011	0.011	0.000
Lower Tar/ upper Pamlico River	January	1.601	0.448	1.153	0.332	0.093	0.239
	February	1.235	0.290	0.945	0.293	0.069	0.224
	March	0.574	0.172	0.402	0.115	0.034	0.080
	April	1.881	0.437	1.444	0.369	0.086	0.283
	May	0.606	0.303	0.303	0.183	0.092	0.092
	June	0.636	0.000	0.636	0.350	0.000	0.350
	July	3.844	0.052	3.792	2.056	0.028	2.028
	August	2.922	0.117	2.806	1.060	0.042	1.018
	September	0.610	0.019	0.591	0.300	0.009	0.291
	October	4.904	1.176	3.729	1.297	0.311	0.986
	November	3.256	0.102	3.154	0.640	0.020	0.620
	December	1.828	0.000	1.828	0.392	0.000	0.392
Pungo River	January	1.136	0.944	0.192	0.369	0.307	0.062
	February	2.563	0.728	1.835	0.614	0.174	0.440
	March	0.446	0.361	0.084	0.070	0.057	0.013
	April	0.943	0.600	0.343	0.227	0.144	0.082
	May	3.476	0.143	3.333	0.702	0.029	0.673
	June	1.919	0.254	1.665	0.497	0.066	0.431
	July	2.319	0.374	1.945	0.690	0.111	0.578
	August	1.265	0.647	0.618	0.326	0.167	0.159
	September	4.635	1.762	2.873	0.756	0.288	0.469
	October	4.992	1.815	3.177	0.577	0.210	0.367
	November	3.309	1.375	1.934	0.529	0.220	0.309
	December	1.405	0.476	0.929	0.242	0.082	0.160
Total CSMA		1.541	0.480	1.061	0.309	0.096	0.213

Table 170. Observed North Carolina striped bass angler residency by county and river fished, 2004.

Upper Neuse River			Lower Neuse River			Upper Tar River			Lower Tar/upper Pamlico			Pungo River		
County	#	%	County	#	%	County	#	%	County	#	%	County	#	%
Craven	1	5	Cabarrus	1	0.3	Edgecombe	17	41.5	Alamance	2	0.6	Beaufort	87	40.9
Duplin	1	5	Carteret	5	1.6	Nash	3	7.3	Beaufort	159	44.7	Bertie	3	1.4
Johnston	6	30	Craven	168	53.2	Pitt	18	43.9	Carteret	1	0.3	Brunswick	1	0.5
Sampson	1	5	Davidson	1	0.3	Wake	1	2.4	Craven	12	3.4	Buncombe	1	0.5
Wake	1	5	Duplin	11	3.5	Wilkes	1	2.4	Cumberland	1	0.3	Craven	2	0.9
Wayne	10	50	Durham	1	0.3	Wilson	1	2.4	Edgecombe	2	0.6	Duplin	1	0.5
			Greene	15	4.8				Greene	10	2.8	Edgecombe	10	4.7
			Johnston	3	1.0				Johnston	1	0.3	Franklin	1	0.5
			Jones	11	3.5				Lenoir	2	0.6	Greene	3	1.4
			Lenoir	48	15.2				Martin	14	3.9	Guilford	1	0.5
			Martin	1	0.3				Nash	2	0.6	Halifax	1	0.5
			Nash	2	0.6				Pamlico	3	0.8	Hyde	5	2.4
			New	1	0.3				Pitt	132	37.1	Lenoir	2	0.9
			Hanover											
			Onslow	12	3.8				Wake	1	0.3	Martin	9	4.2
			Orange	1	0.3				Wayne	2	0.6	Nash	11	5.2
			Pamlico	4	1.3				Wilson	12	3.4	New	1	0.5
												Hanover		
			Pitt	15	4.8							Pitt	33	15.5
			Wake	1	0.3							Sampson	1	0.5
			Wayne	14	4.4							Wake	3	1.4
			Wilson	1	0.3							Washington	2	0.9
												Wayne	19	8.9
												Wilson	16	7.5

Table 171. Estimated total expenses of striped bass anglers, 2004.

Expenditure	Upper Neuse R.	Lower Neuse R.	Upper Tar R.	Lower Tar/upper Pamlico R.	Pungo R.	CSMA
Overnight Trips	0	236	0	244	1,675	2,156
Mile Traveled	3,878	174,853	12,622	38,061	93,347	322,761
Lodging	\$0.00	\$2,633.40	\$0.00	\$0.00	\$23,216.80	\$25,850.20
Food	\$969.61	\$35,133.81	\$8,743.32	\$7,959.52	\$31,750.83	\$84,557.09
Ice	\$618.27	\$5,376.91	\$1,892.33	\$1,674.15	\$6,770.00	\$16,331.66
Bait	\$1,448.75	\$16,143.62	\$5,988.99	\$7,093.17	\$7,860.55	\$38,535.08
Equipment Rental	\$271.79	\$970.23	\$101.38	\$0.00	\$0.00	\$1,343.40
Boat Fuel/Oil	\$2,582.80	\$59,628.21	\$13,849.35	\$21,705.68	\$28,738.59	\$126,504.63
Total	\$5,891.23	\$119,886.18	\$30,575.38	\$38,432.52	\$98,336.76	\$293,122.07

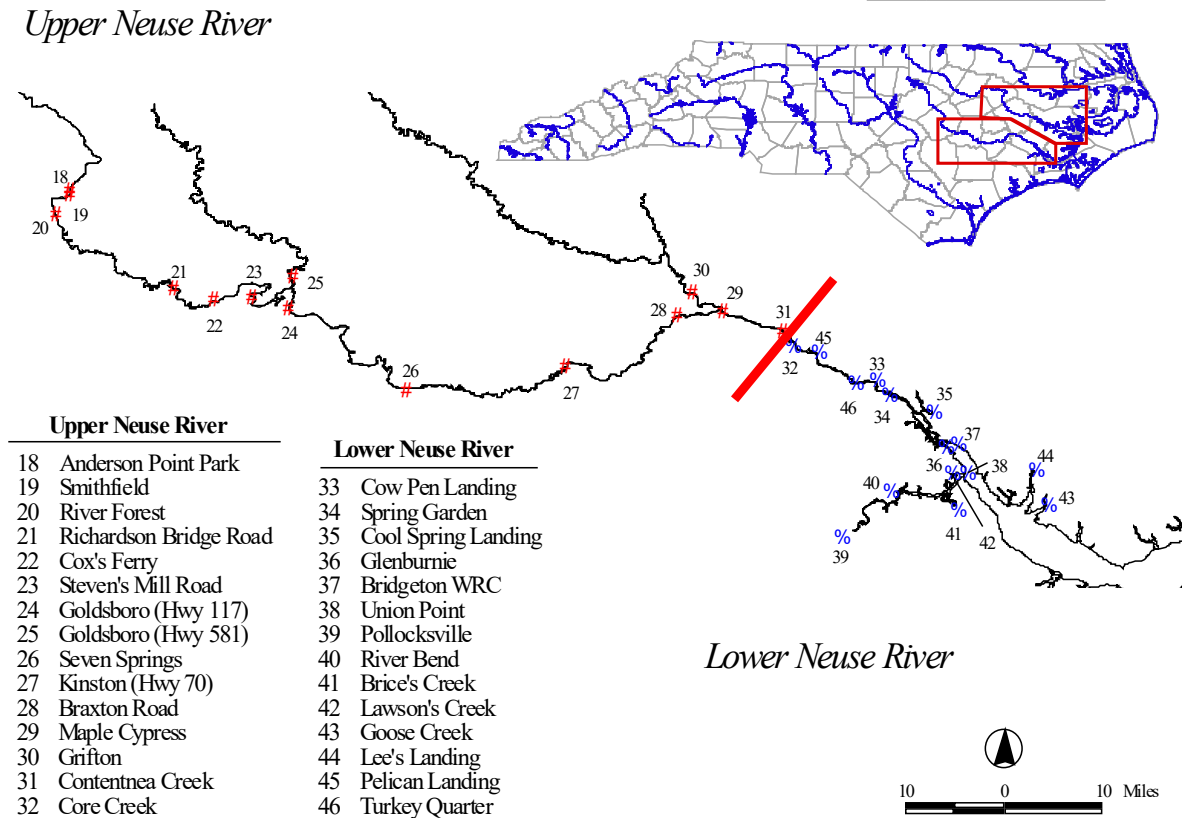
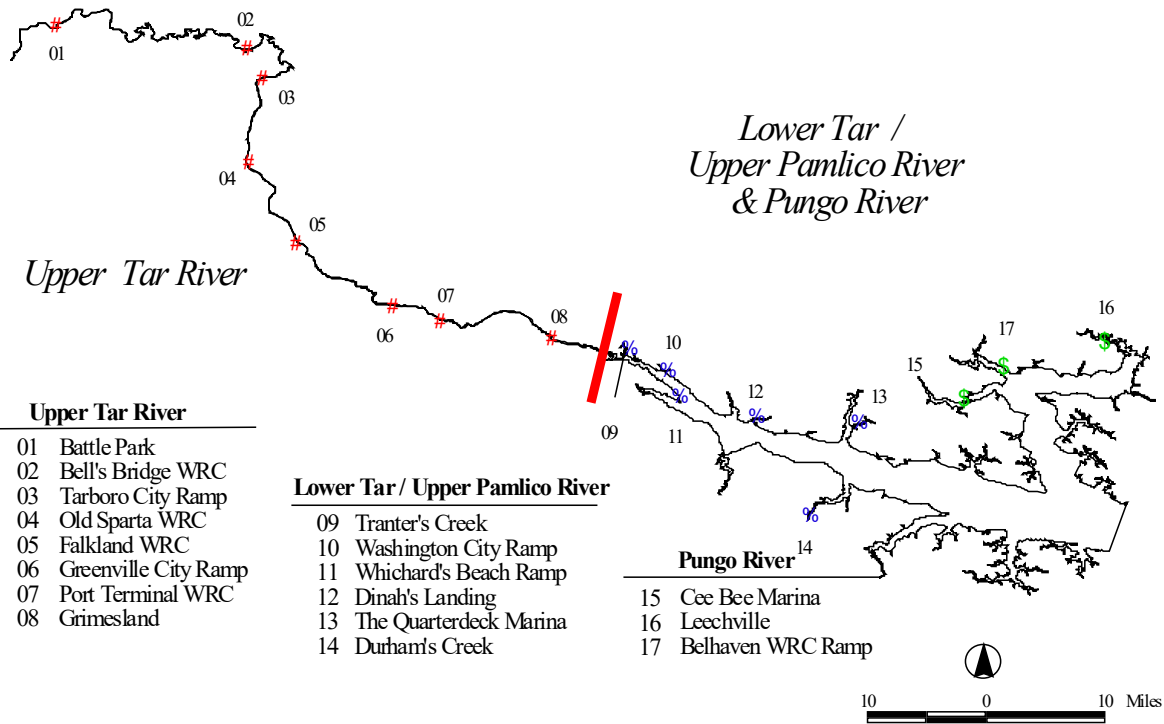


Figure 84. Map of study area including sampling sites and description of upper and lower zones, 2004.

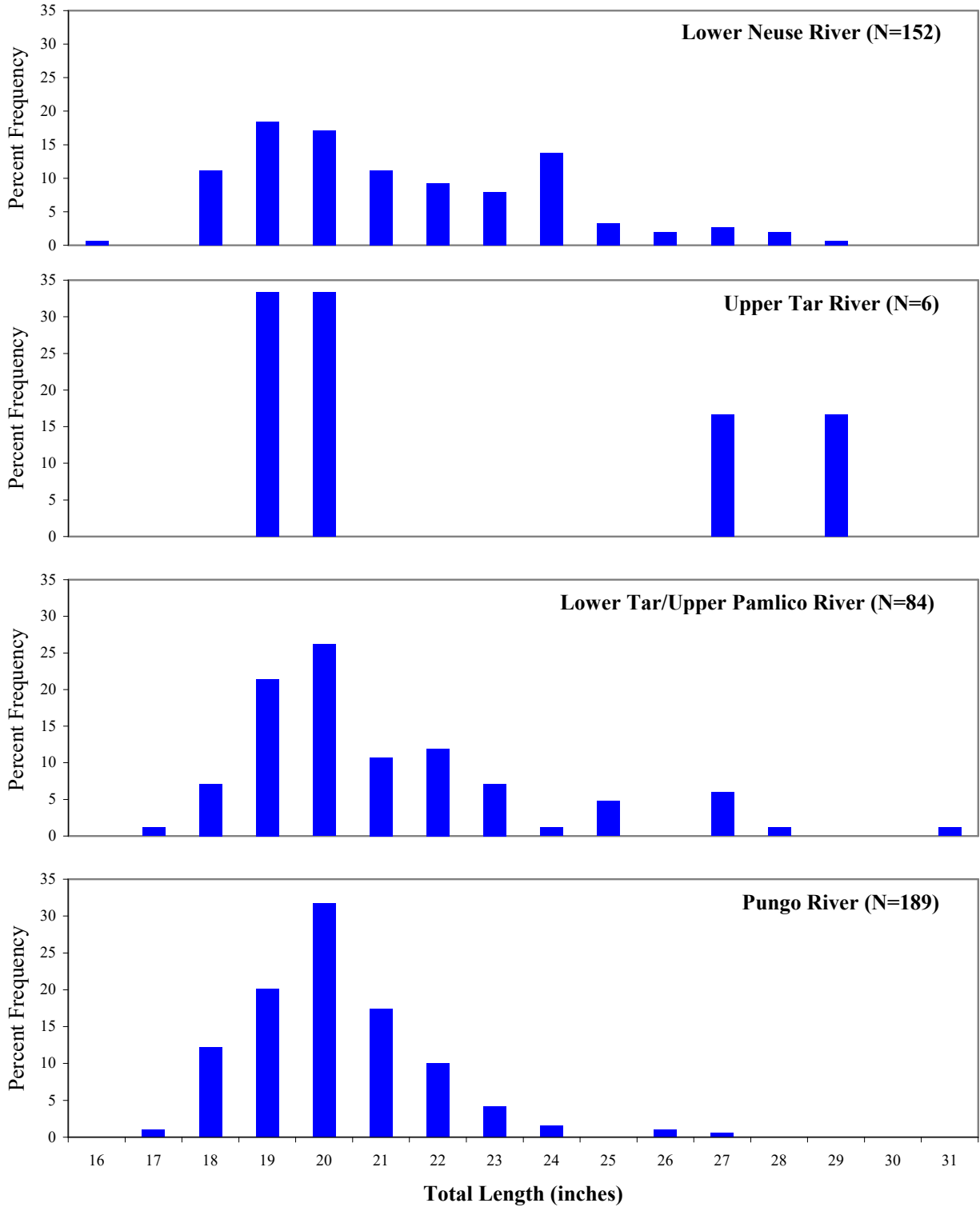


Figure 85. Length frequencies by percent of total observed striped bass by river, 2004.

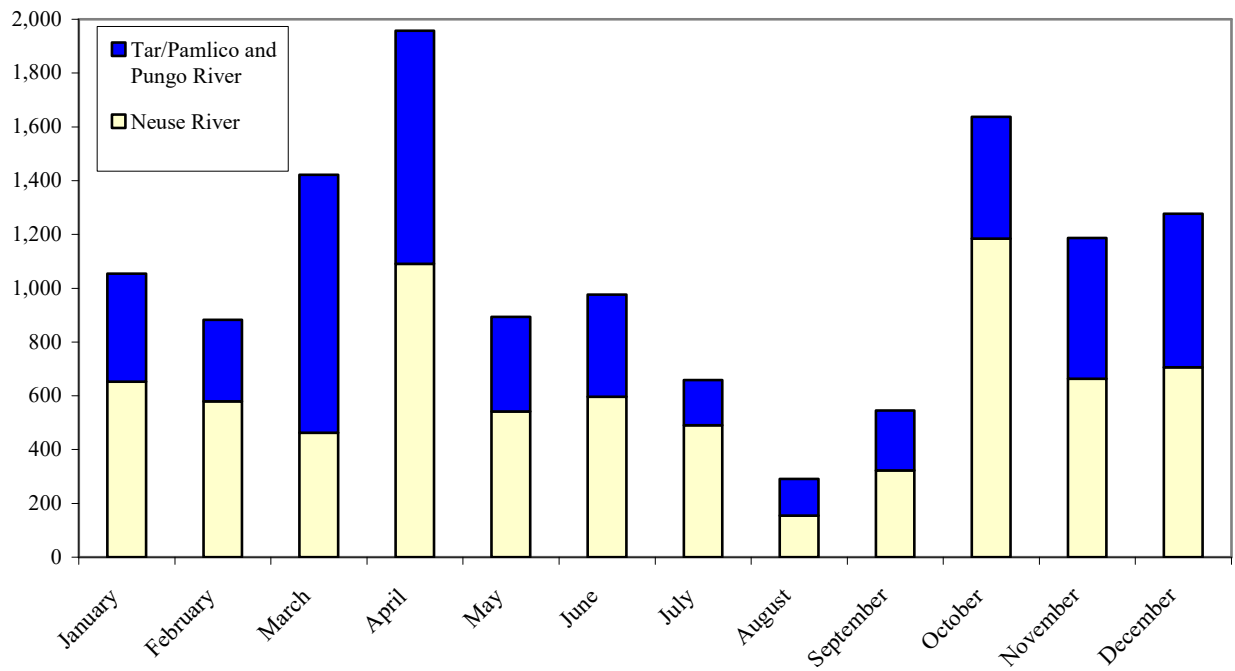


Figure 86. Estimated striped bass trips by river and month, 2004.

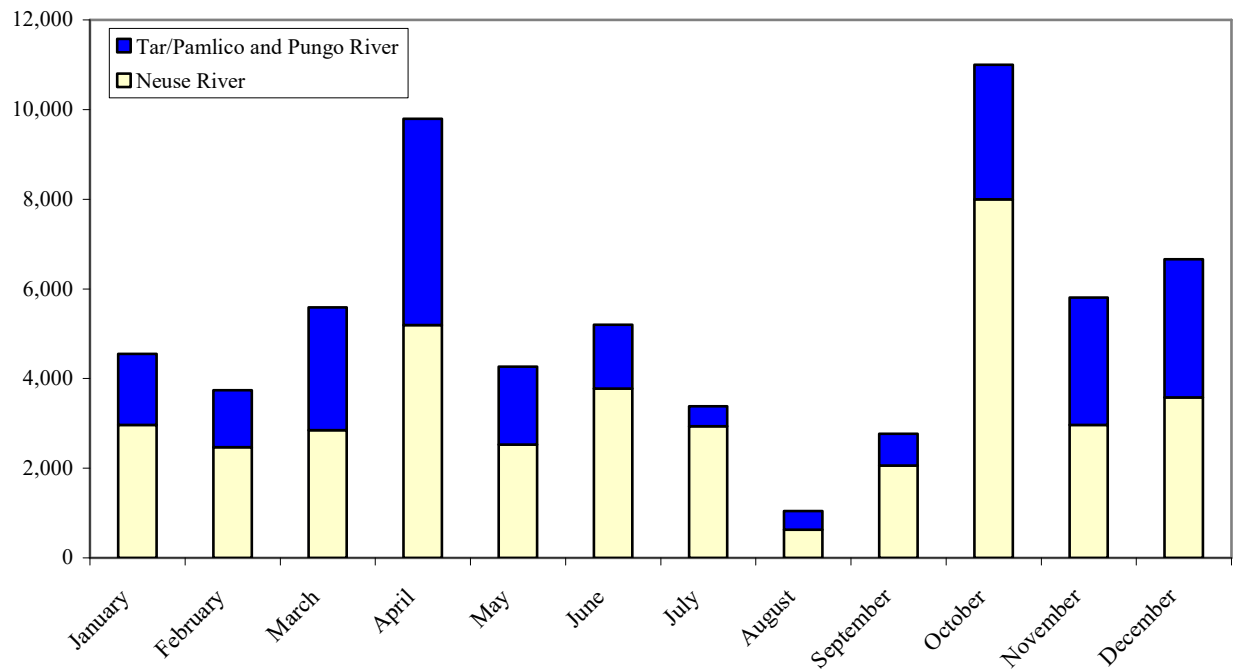


Figure 87. Estimated angler-h by river and month, 2004.

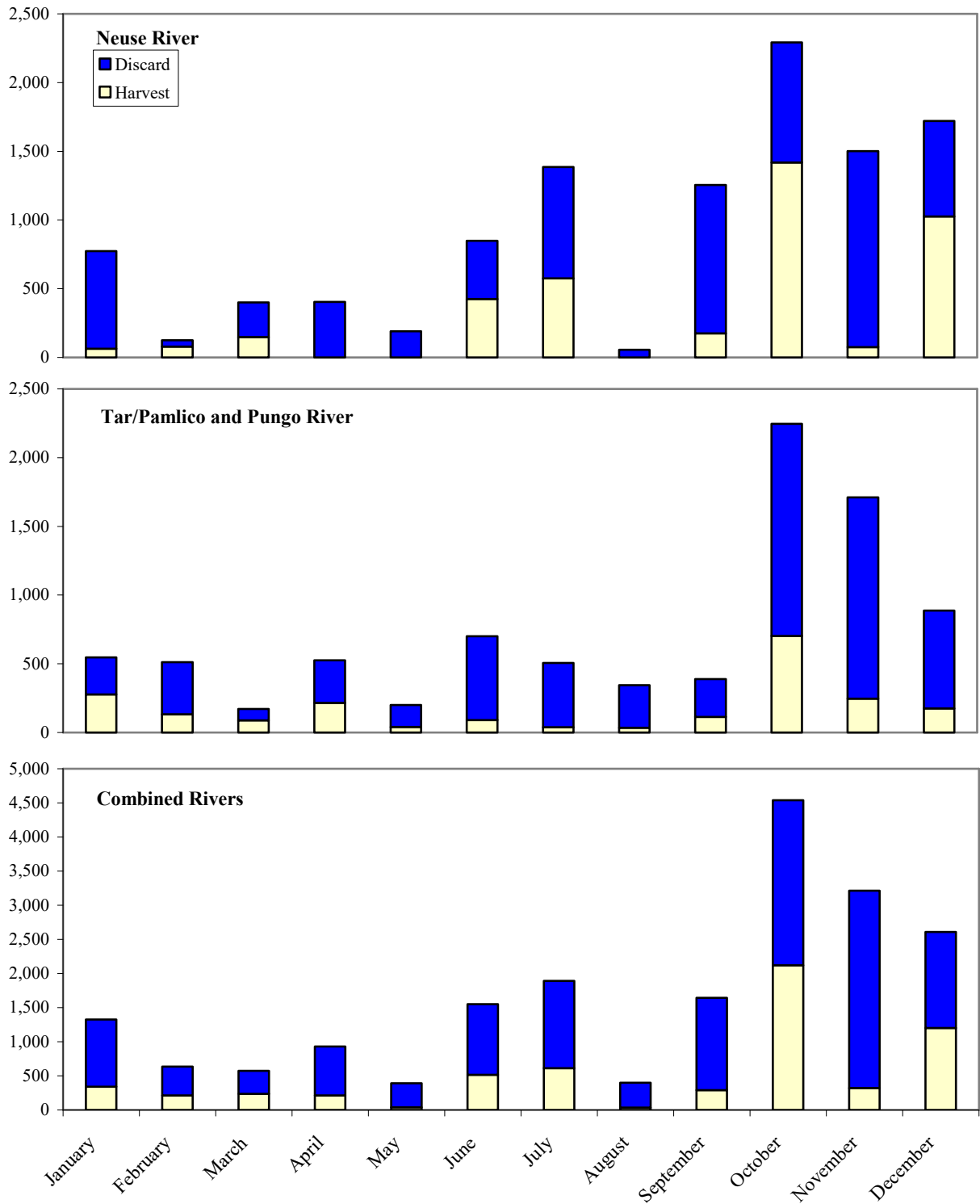


Figure 88. Estimated total striped bass catch (harvest + discard) by river system, 2004.

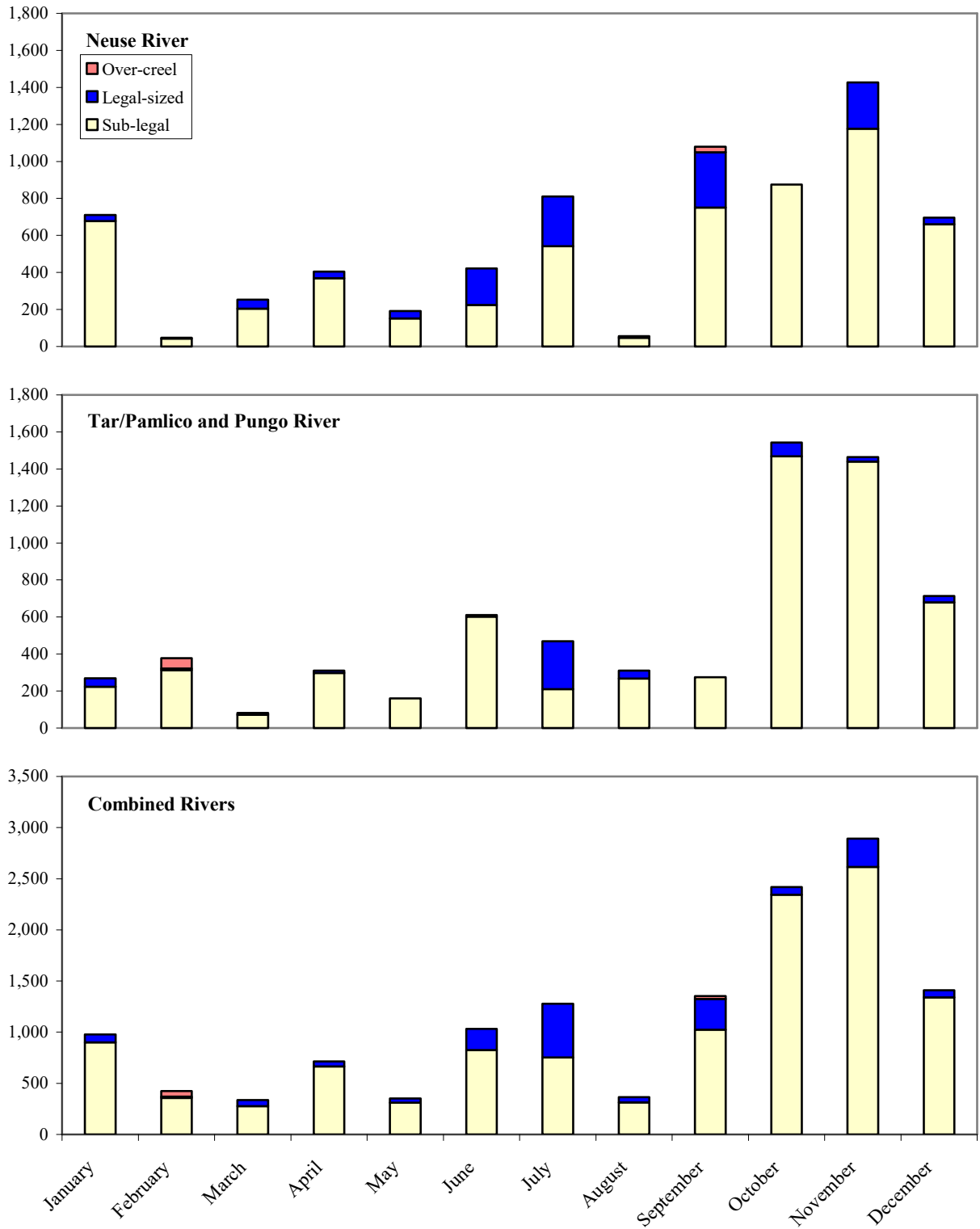


Figure 89. Estimated total number of discards by river and month, 2004.

APPENDICES

Appendix 14. CSMA creel survey interview form.

CSMA CREEL SURVEY

Interview Form

1. INTERVIEWER ID

2. YR/MO/DAY

3. INTERVIEW NUMBER

4. TYPE OF DAY

5. INTERVIEW TIME (use 2400 clock)

6. FISHING TRIP 1 Yes 2 No

7. TIME FISHING BEGAN

8. PERIOD

9. REFUSAL

10. SITE

11. HOURS FISHED (Hours/Minutes)

12. PARTY SIZE

13. WERE YOU FISHING FROM:
 1 Private Boat 2 Charterboat 3 Shore

14. AREA FISHED (Specific waterbody)

15. WATERBODY CLASSIFICATION
 1 Coastal 2 Joint 3 Inland

16. WERE YOU FISHING FOR ANY PARTICULAR KINDS OF FISH TODAY? IF YES, WHAT KINDS?

1st Target

2nd Target

17. PRIMARY FISHING METHOD
 1 Casting 2 Trolling 3 Cut Bait 4 Live Bait 5 Gill Net

UNAVAILABLE CATCH. Did you land any fish that are not here for me to look at? For example, any that you may have thrown back or used for bait?

THROW BACKS	SPECIES CODE	DISP	# OF FISH	
1 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	
2 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	
3 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	
4 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	
5 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	

DISPOSITION CODES

1. Thrown back (legal fish)
 2. Thrown back over bag limit
 3. Thrown back under size limit
 4. In slot (22-27)

AVAILABLE CATCH, COMPLETE TYPE 3 RECORD BY ASKING: May I look at your fish?

KEPT	SPECIES CODE	# OF FISH	LENGTH (mm)	WEIGHT (kg)
1 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
2 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
3 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
4 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
5 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
6 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
7 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
8 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
9 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>
10 _____	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>	<input style="width: 20px; height: 20px; border: 1px solid black;" type="text"/>

Appendix 15. CSMA creel survey socioeconomic questions.

CSMA Creel Socioeconomic Questions

- 1) How old were you on December 31, 2003? _____
- 2) What state do you live in? _____
- 3) If the state is NC, what county do you live in? _____
- 4) Were you born in North Carolina? Yes No
- 5) Are you, Male Female
- 6) What do you consider your ethnic background?
 Hispanic/Latino (all races) Asian-Pacific Islander
 White/Caucasian Native American
 African-American/Black
- 7) What is your marital status?
 Currently married Widowed Separated
 Divorced Never married

9) How many people live in your household? (include yourself and others such as students away at school, someone in the hospital, or currently away on business or vacation, etc., but not someone whose main place of residence is somewhere else.)

The following questions ask you about this fishing trip. If you aren't sure of the exact answer, please give your best estimate.

10) How many nights is the trip? (if none, skip 12 and 13).	
11) How many miles did you travel to get here?	
12) How many people who are on the trip are fishing?	
13) How many people who are on the trip don't fish?	
14) How much are you paying for lodging per night?	
15) How much will/did you pay for food?	
16) How much will/did you pay for ice?	
17) How much will/did you pay for bait?	
18) How much will/did you pay for equipment rental?	
19) How much will/did you pay for boat fuel and oil?	

Appendix 16. CSMA creel survey assignment summary form.

CSMA CREEL SURVEY

Assignment Summary Form

1. INTERVIEWER ID

2. YR/MO/DAY

3. PERIOD

4. TYPE OF DAY

5. SITE

6. TIME ARRIVED 24 hr clock

7. NUMBER TRAILERS Upon Arrival

8. NUMBER TRAILERS Mid-Tine Count

9. NUMBER TRAILERS Upon Departure

10. NUMBER On Bank When Arrived

11. NUMBER On Bank mid-Time count

12. NUMBER On Bank When Departed

13. NUMBER FISHING PARTIES MISSED

14. NUMBER FISHING PARTIES REFUSED

16. TIME DEPARTED 24 hr clock

Comments

CONTACTS

This project was funded under the Federal Aid in Sport Fish Restoration Program utilizing state fishing license money and federal grant funds derived from federal excise taxes on fishing tackle and other fishing related expenditures.

Funds from the Sport Fish Restoration Program are used for aquatic education, fisheries research and management, and boating access facilities. This program is administered cooperatively by the N.C. Division of Marine Fisheries, N.C. Wildlife and Resources Commission, and U.S. Fish and Wildlife Service. For additional information regarding the survey or for a complete report, please consider the list below.

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